

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114441.D
 Acq On : 20 May 2019 16:23
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 17:21:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	205943	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	841219	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	399146	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	784897	20.00	ng	0.00
76) Chrysene-d12	14.00	240	519189	20.00	ng	0.00
87) Perylene-d12	15.47	264	489537	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	997650	77.96	ng	-0.01
7) Phenol-d6	6.47	99	1237623	81.77	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1192942	79.58	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	316367	76.67	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2058279	78.00	ng	0.00
79) Terphenyl-d14	12.93	244	2094191	83.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	240162	34.142	ng	100
3) Pyridine	3.34	79	676321	34.897	ng	97
4) n-Nitrosodimethylamine	3.30	42	322653	34.524	ng	94
6) Aniline	6.50	93	872856	39.922	ng	93
8) 2-Chlorophenol	6.62	128	566414	41.459	ng	95
9) Benzaldehyde	6.38	77	382154	36.065	ng	97
10) Phenol	6.49	94	720172	40.447	ng	# 71
11) bis(2-Chloroethyl)ether	6.56	93	564678	41.774	ng	99
12) 1,3-Dichlorobenzene	6.77	146	625992	40.820	ng	97
13) 1,4-Dichlorobenzene	6.85	146	640405	41.441	ng	99
14) 1,2-Dichlorobenzene	7.00	146	583962	41.362	ng	98
15) Benzyl Alcohol	6.97	79	463530	39.266	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1061440	40.498	ng	80
17) 2-Methylphenol	7.09	107	449653	40.067	ng	96
18) Hexachloroethane	7.34	117	237216	40.895	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	390896	40.745	ng	100
20) 3+4-Methylphenols	7.25	107	557307	42.981	ng	93
22) Acetophenone	7.24	105	756286	40.583	ng	92
24) Nitrobenzene	7.42	77	614378	40.242	ng	96
25) Isophorone	7.65	82	1113571	40.057	ng	98
26) 2-Nitrophenol	7.73	139	310570	41.929	ng	97
27) 2,4-Dimethylphenol	7.77	122	456075	39.204	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	730039	40.473	ng	99
29) 2,4-Dichlorophenol	7.98	162	471694	40.719	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	526167	39.944	ng	99
31) Naphthalene	8.13	128	1615486	41.112	ng	98
32) Benzoic acid	7.92	122	315254	39.467	ng	98
33) 4-Chloroaniline	8.19	127	737171	41.168	ng	99
34) Hexachlorobutadiene	8.25	225	302738	40.392	ng	98
35) Caprolactam	8.56	113	163337	43.242	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	495642	42.507	ng	98
37) 2-Methylnaphthalene	8.83	142	1071160	42.250	ng	98
38) 1-Methylnaphthalene	8.93	142	1001799	41.960	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	499404	41.304	ng	99

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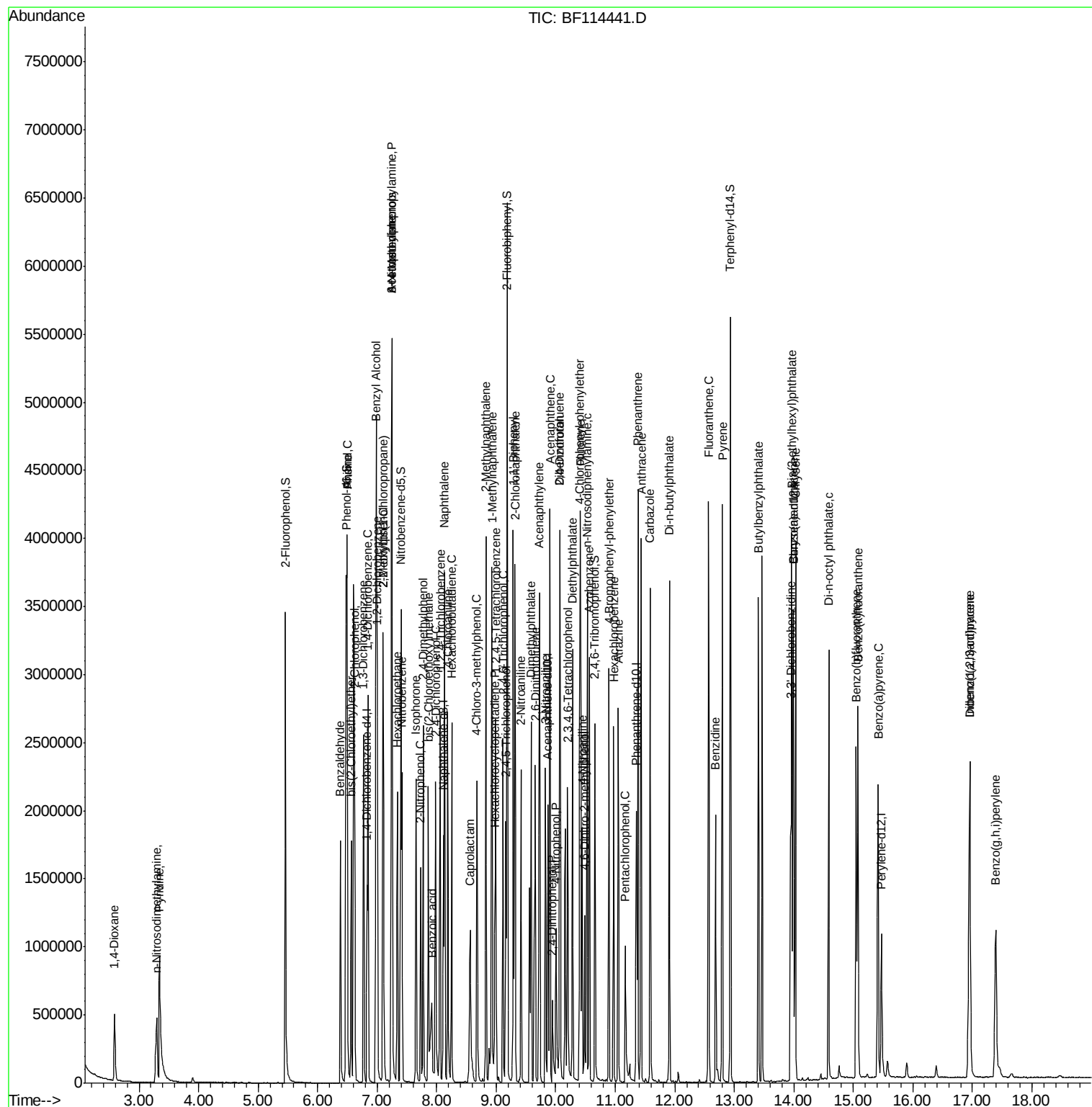
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	190236	36.270	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	330781	39.774	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	335144	39.295	ng	96
46) 1,1'-Biphenyl	9.29	154	1304797	40.464	ng	98
47) 2-Chloronaphthalene	9.32	162	1040854	40.108	ng	98
48) 2-Nitroaniline	9.42	65	371467	40.362	ng	99
49) Acenaphthylene	9.73	152	1590578	40.299	ng	99
50) Dimethylphthalate	9.59	163	1194055	40.751	ng	99
51) 2,6-Dinitrotoluene	9.66	165	263566	40.555	ng	92
52) Acenaphthene	9.90	154	958668	39.581	ng	98
53) 3-Nitroaniline	9.83	138	328492	40.718	ng	98
54) 2,4-Dinitrophenol	9.95	184	102266	35.401	ng	98
55) Dibenzofuran	10.07	168	1372523	38.646	ng	98
56) 4-Nitrophenol	10.00	139	206319	36.163	ng	94
57) 2,4-Dinitrotoluene	10.06	165	333149	37.768	ng	# 85
58) Fluorene	10.42	166	1106637	40.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	279396	37.966	ng	99
60) Diethylphthalate	10.29	149	1193252	40.080	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	550917	40.889	ng	99
62) 4-Nitroaniline	10.45	138	337425	39.803	ng	98
63) Azobenzene	10.56	77	1144523	39.716	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	158653	42.066	ng	88
66) n-Nitrosodiphenylamine	10.53	169	983863	41.301	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	354081	40.972	ng	99
68) Hexachlorobenzene	10.97	284	385607	40.334	ng	# 90
69) Atrazine	11.05	200	296685	40.021	ng	99
70) Pentachlorophenol	11.17	266	165124	36.435	ng	98
71) Phenanthrene	11.38	178	1575292	41.253	ng	99
72) Anthracene	11.43	178	1609141	41.954	ng	99
73) Carbazole	11.59	167	1521978	41.613	ng	99
74) Di-n-butylphthalate	11.91	149	1854482	44.011	ng	100
75) Fluoranthene	12.57	202	1678796	40.825	ng	98
77) Benzidine	12.69	184	823102	35.318	ng	98
78) Pyrene	12.80	202	1700232	40.708	ng	100
80) Butylbenzylphthalate	13.40	149	777846	44.247	ng	99
81) Benzo(a)anthracene	13.99	228	1435689	42.753	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	534956	41.065	ng	98
83) Chrysene	14.03	228	1350816	41.035	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1036631	45.086	ng	99
85) Di-n-octyl phthalate	14.59	149	1583737	42.492	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1194451	41.056	ng	100
88) Benzo(b)fluoranthene	15.04	252	1282664	40.898	ng	99
89) Benzo(k)fluoranthene	15.07	252	1129620	39.210	ng	99
90) Benzo(a)pyrene	15.42	252	1126877	40.827	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	986523	43.013	ng	98
92) Benzo(g,h,i)perylene	17.39	276	991258	43.126	ng	99

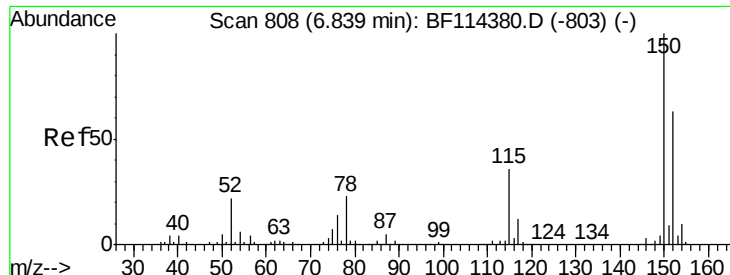
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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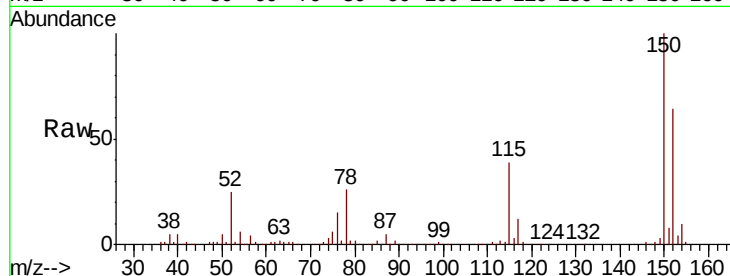


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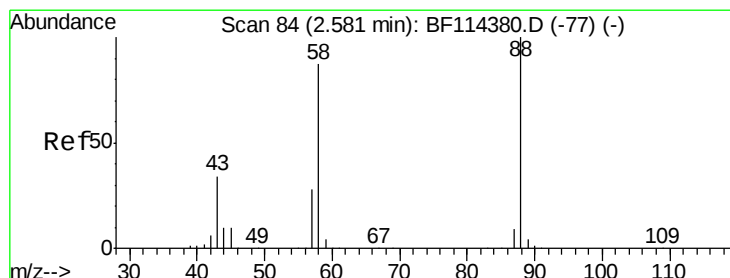
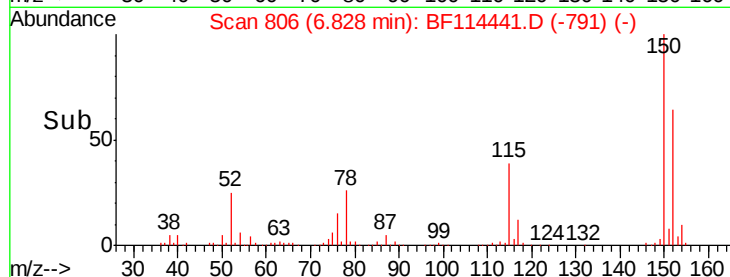
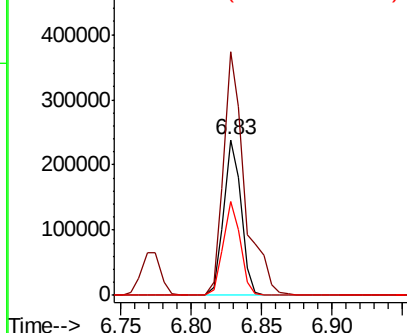
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	60.7	49.1	73.7



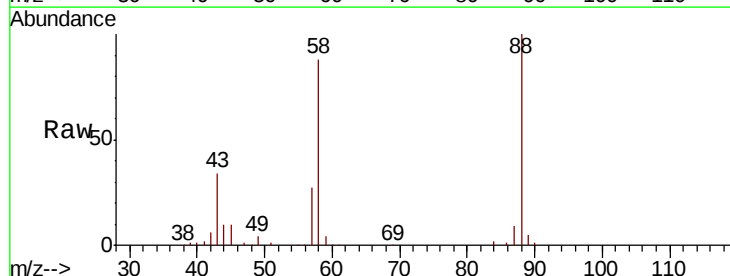
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



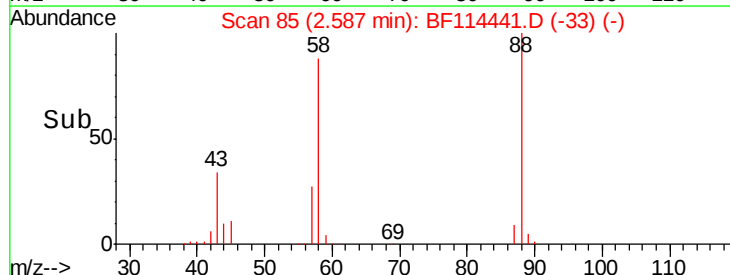
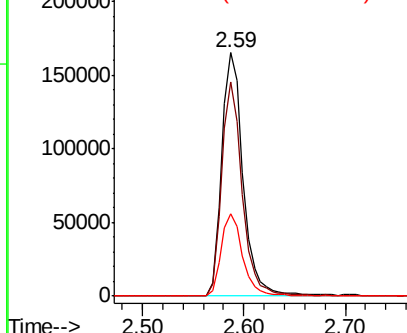
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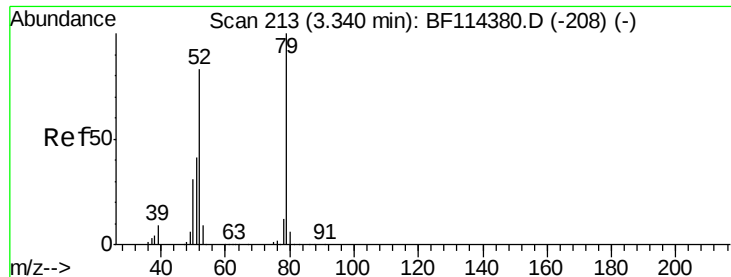
1,4-Dioxane
Concen: 34.142 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	35.0	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.897 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.00 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

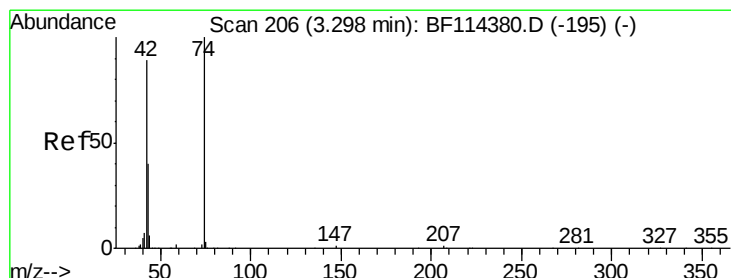
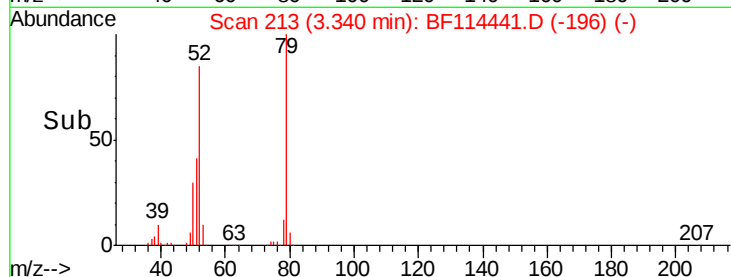
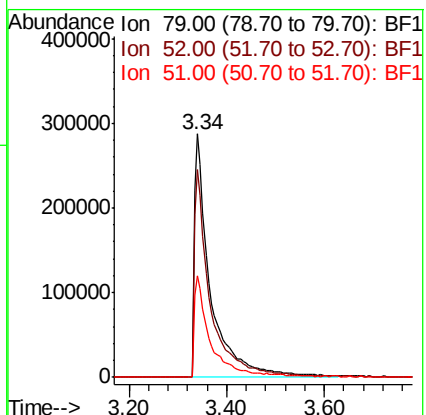
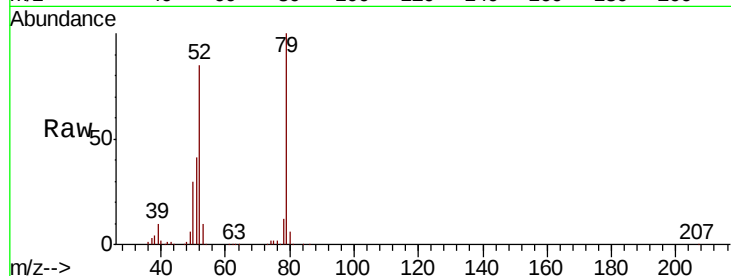
Tot Ion: 79 Resp: 676321

Ion Ratio Lower Upper

79 100

52 85.2 70.6 105.8

51 41.5 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 34.524 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.00 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

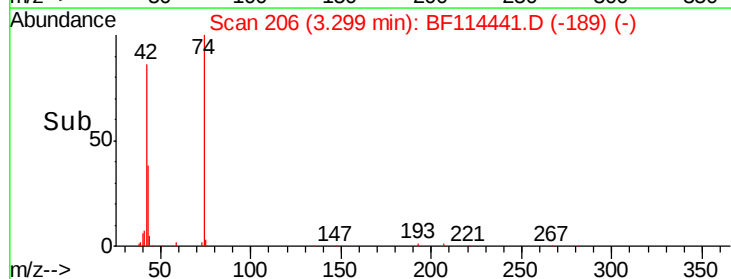
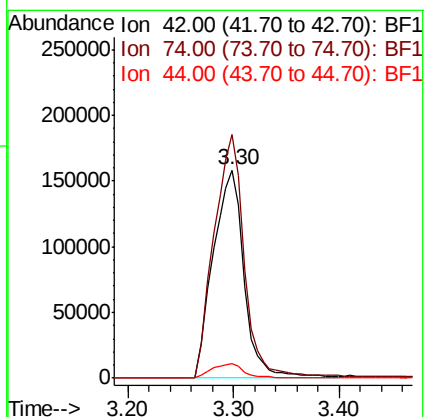
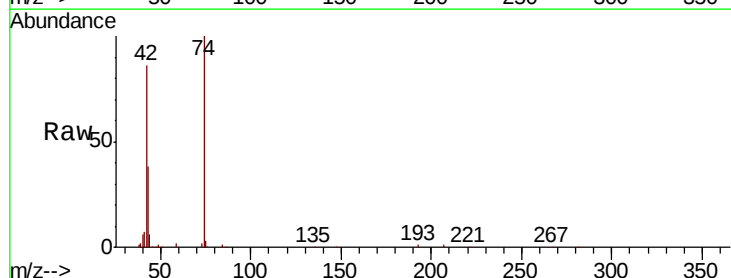
Tgt Ion: 42 Resp: 322653

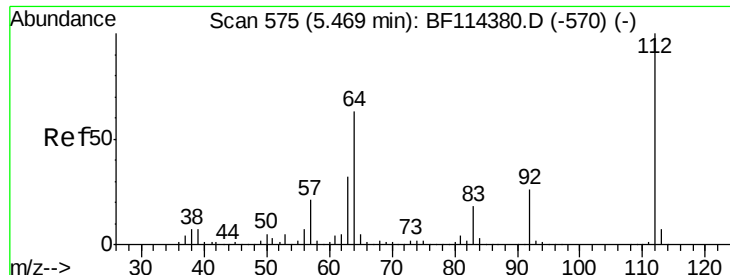
Ion Ratio Lower Upper

42 100

74 116.9 88.6 132.8

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 77.957 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

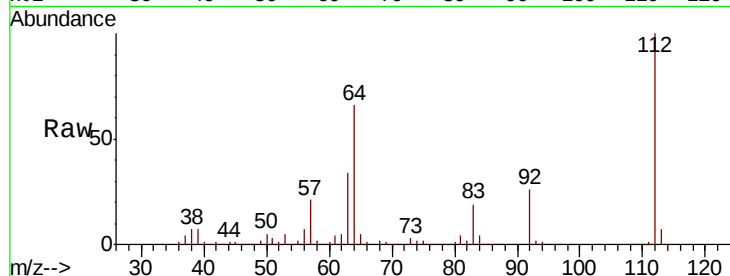
Tot Ion:112 Resp: 997650

Ion Ratio Lower Upper

112 100

64 65.8 49.0 73.6

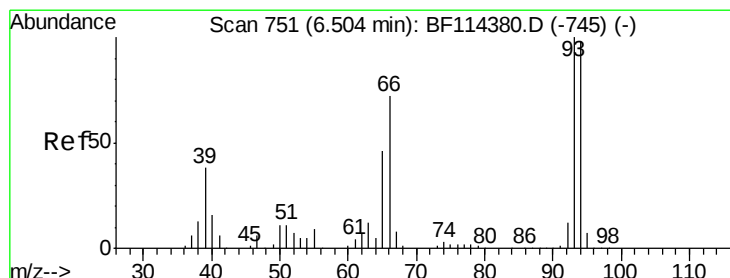
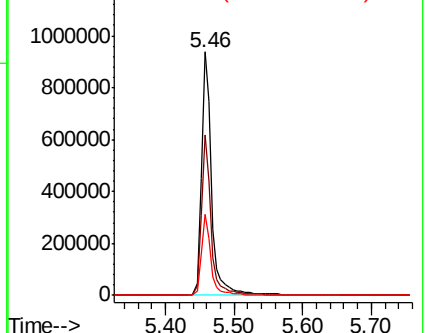
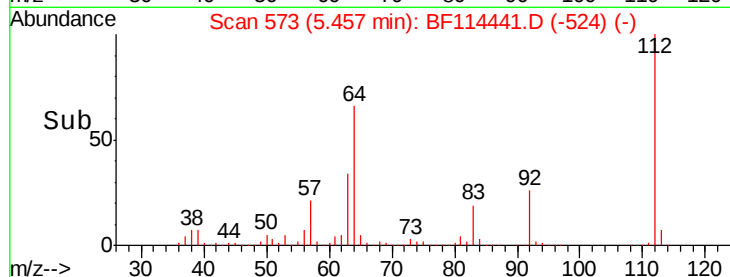
63 33.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.922 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

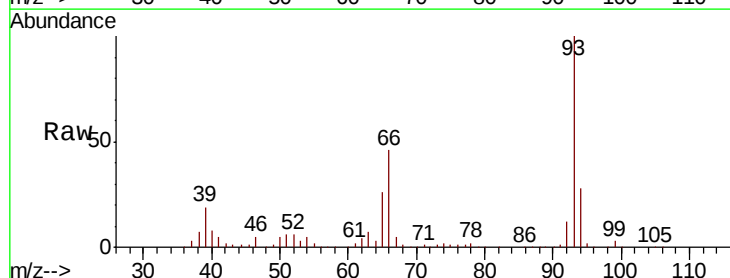
Tgt Ion: 93 Resp: 872856

Ion Ratio Lower Upper

93 100

66 45.7 33.2 49.8

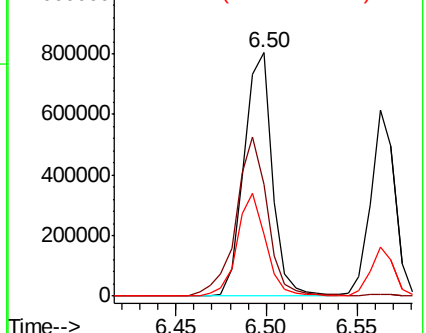
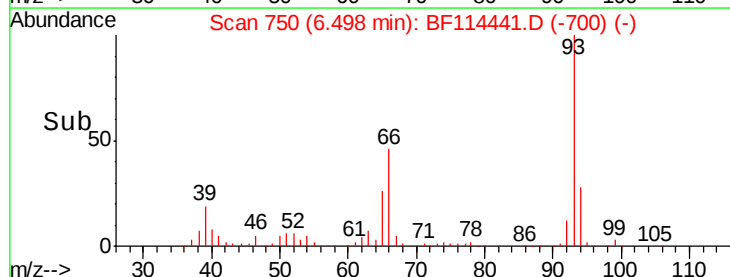
65 25.5 17.6 26.4

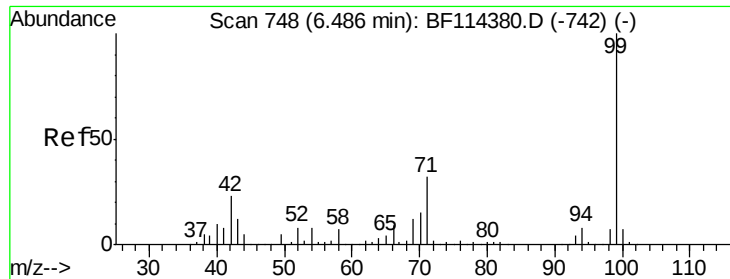


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.768 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

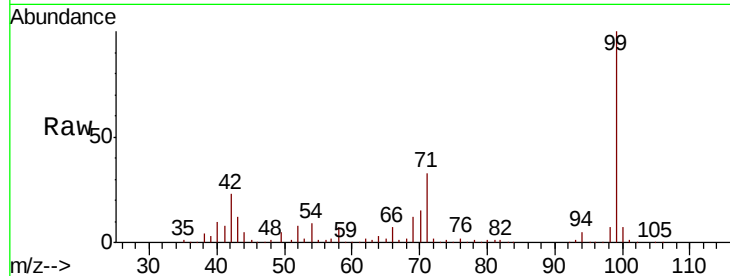
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1237623

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.8	26.2	39.2

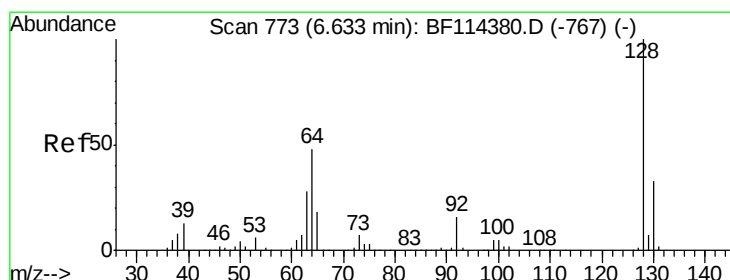
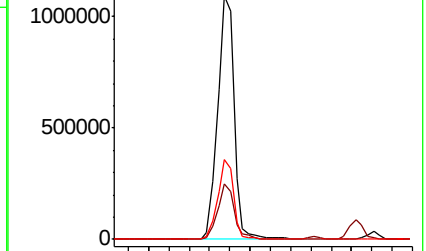
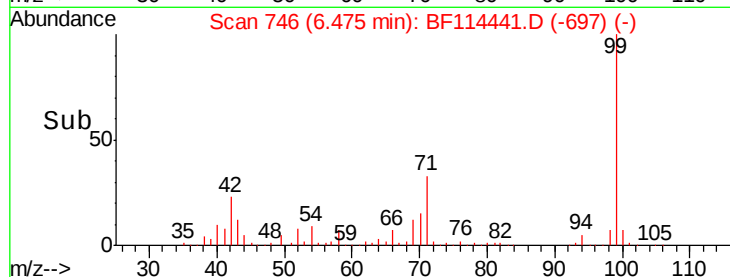


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.459 ng

RT: 6.62 min Scan# 771

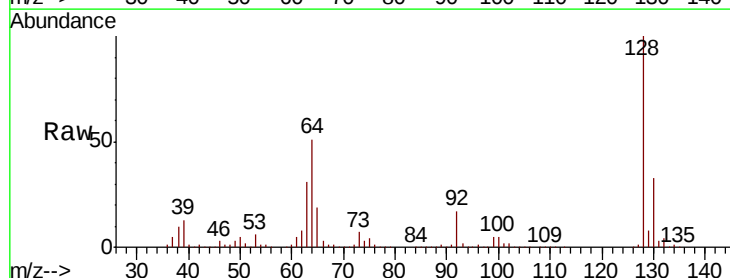
Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Tgt Ion: 128 Resp: 566414

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	50.7	35.9	75.9

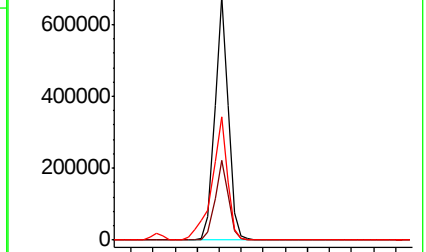
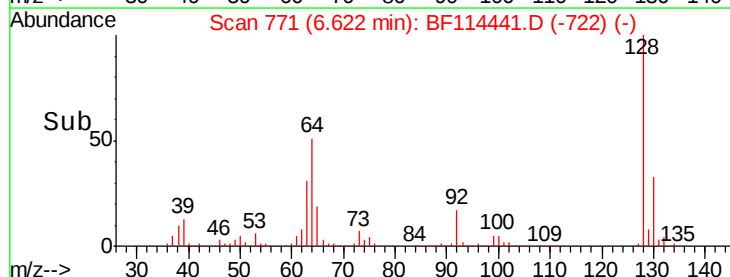


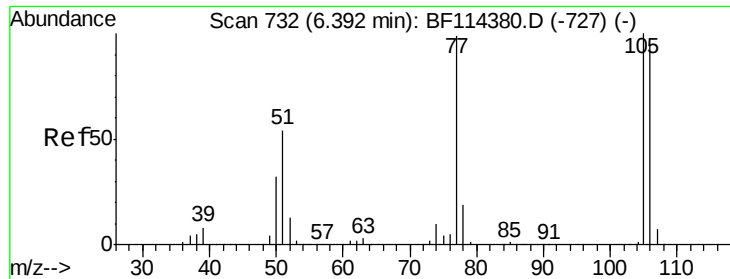
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

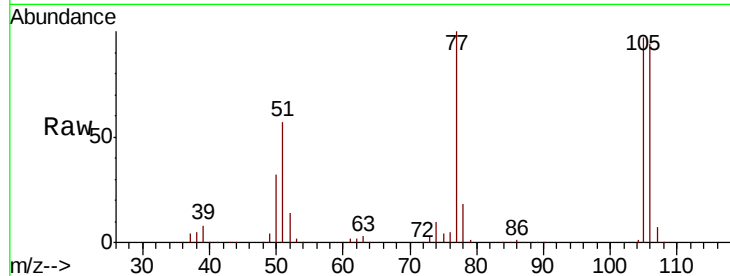




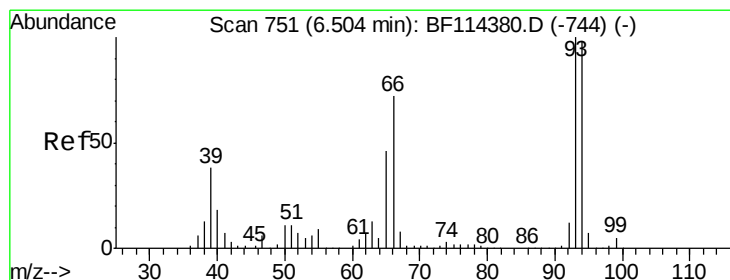
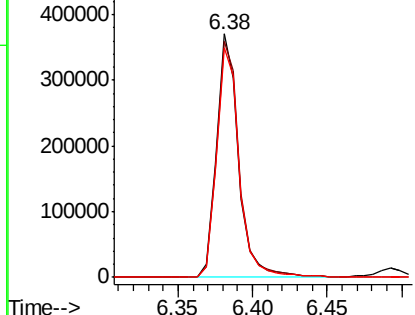
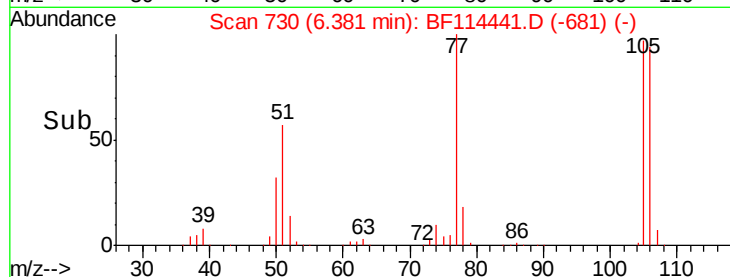
#9
Benzaldehyde
Concen: 36.065 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 382154
Ion Ratio Lower Upper
77 100
105 96.7 79.3 119.3
106 94.2 77.0 117.0

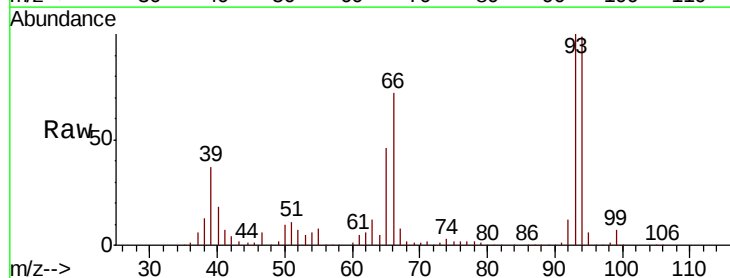


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

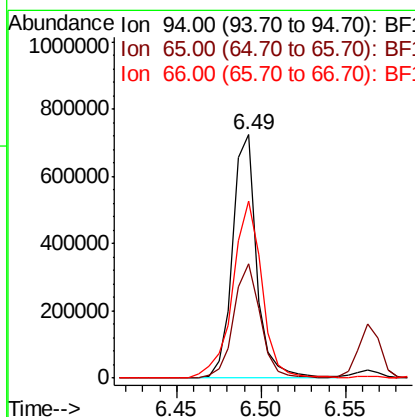
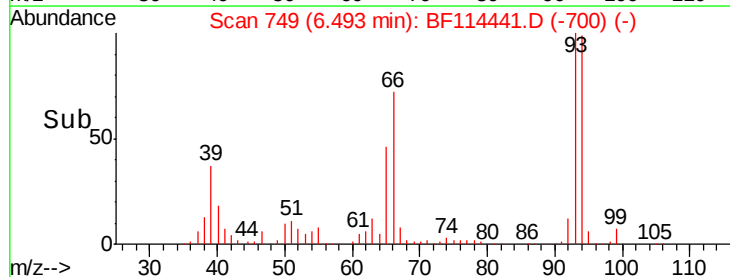


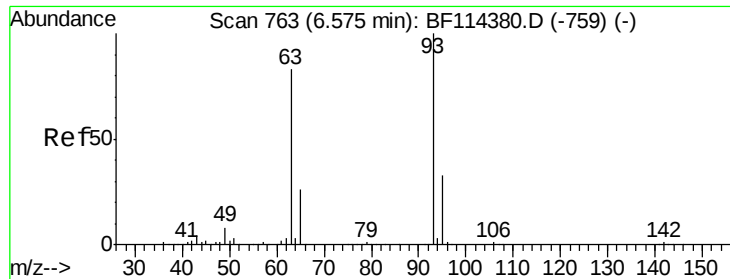
#10
Phenol
Concen: 40.447 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion: 94 Resp: 720172
Ion Ratio Lower Upper
94 100
65 47.0 14.7 54.7
66 72.9 29.6 69.6#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

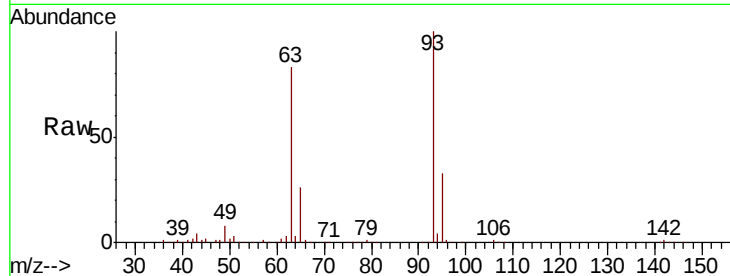




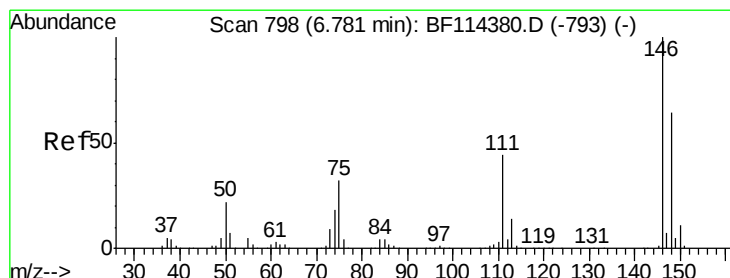
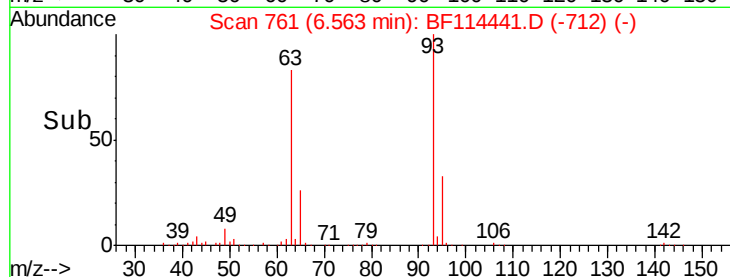
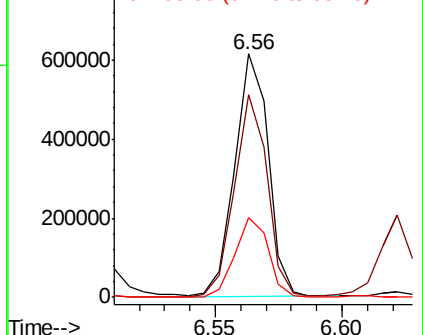
#11
bis(2-Chloroethyl)ether
Concen: 41.774 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 564678
Ion Ratio Lower Upper
93 100
63 83.0 63.6 103.6
95 32.6 13.1 53.1

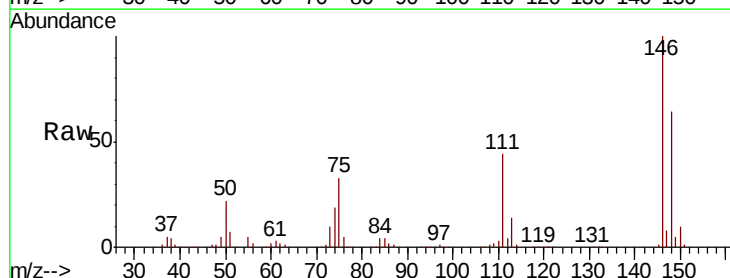


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

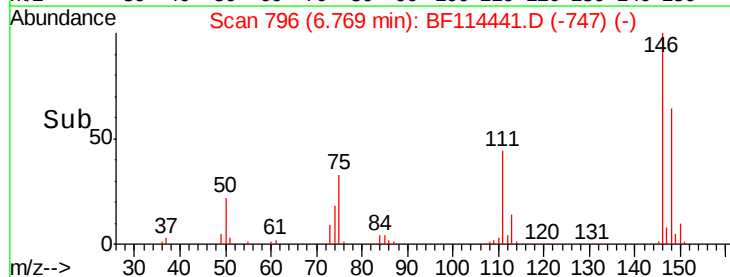
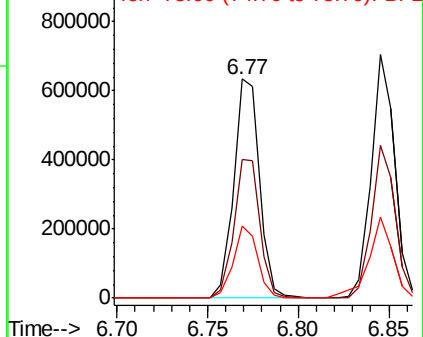


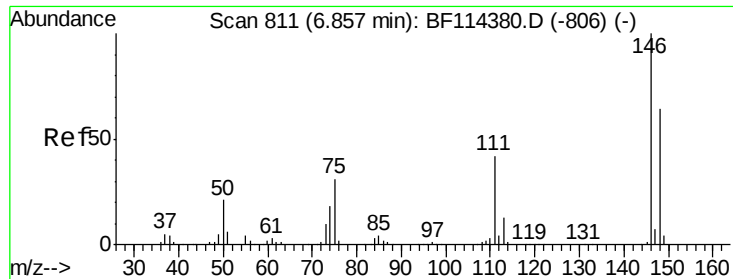
#12
1,3-Dichlorobenzene
Concen: 40.820 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion: 146 Resp: 625992
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
75 33.1 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

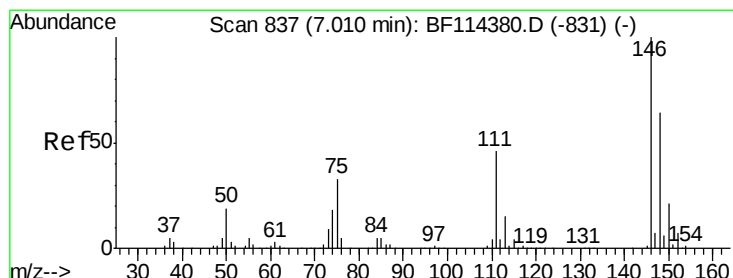
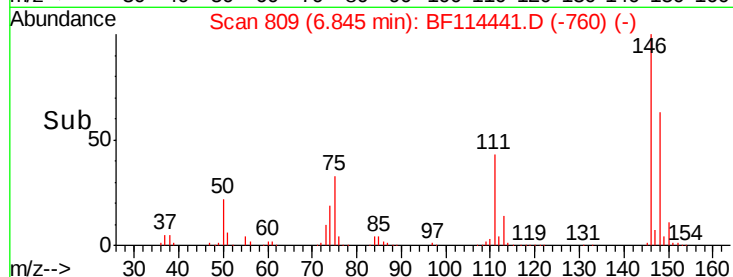
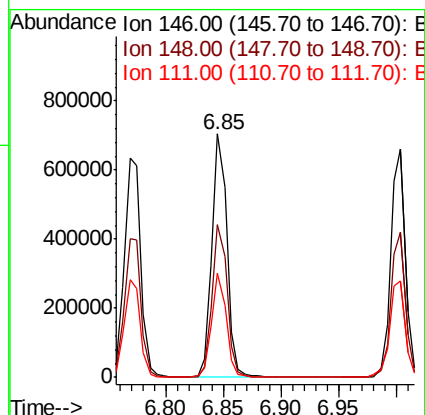
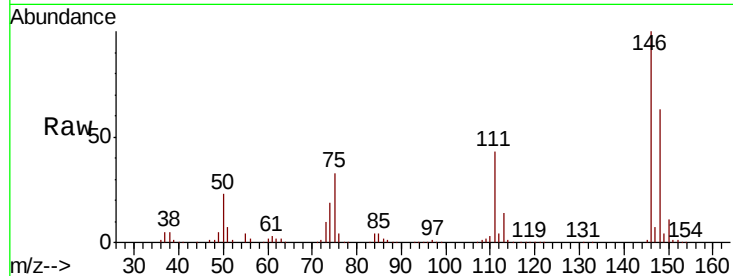




#13
 1,4-Dichlorobenzene
 Concen: 41.441 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

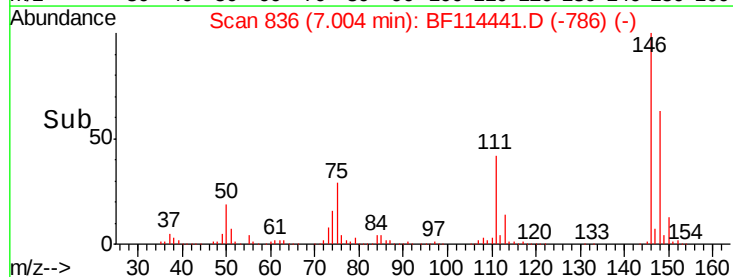
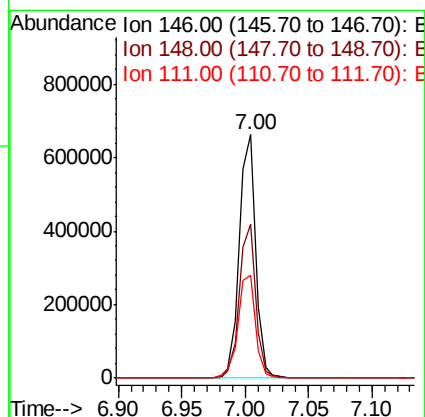
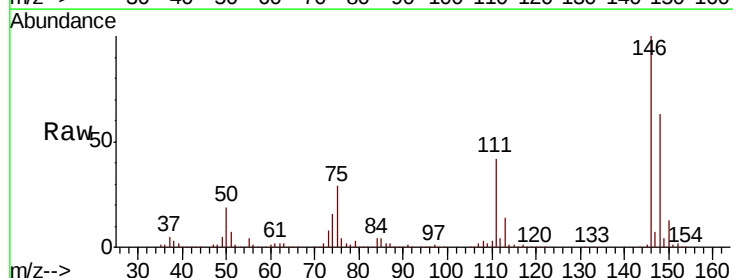
Instrument :
 BNA_F
 ClientSampleID :

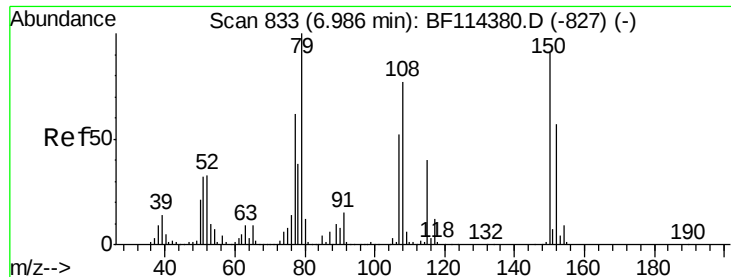
Tot Ion:146 Resp: 640405
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.2 75.2
 111 42.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 41.362 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion:146 Resp: 583962
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 42.3 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.266 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampled :

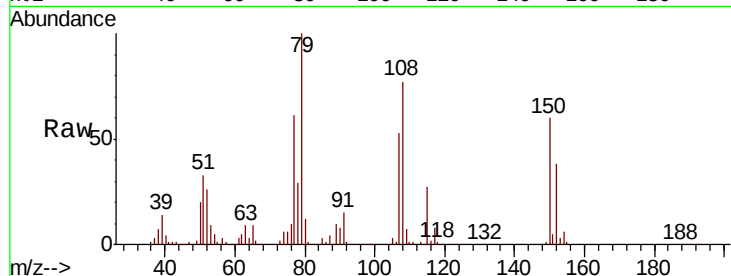
Tot Ion: 79 Resp: 463530

Ion Ratio Lower Upper

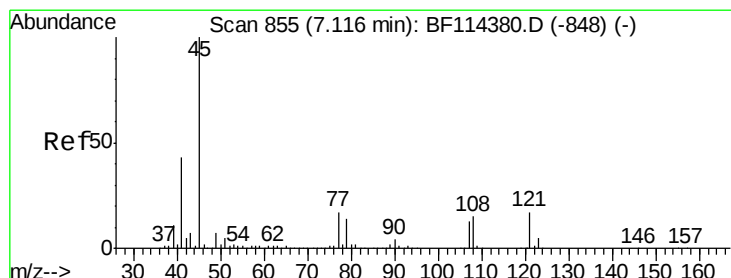
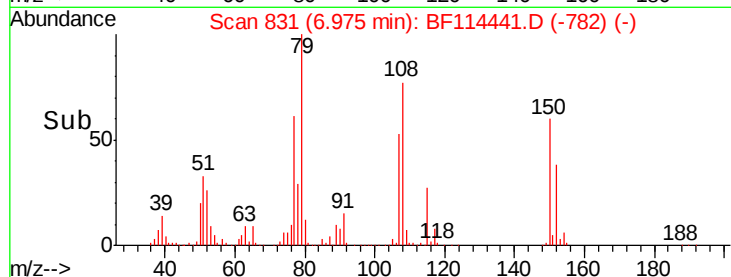
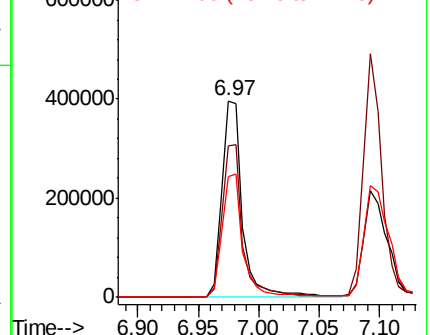
79 100

108 76.8 62.1 93.1

77 61.1 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.498 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

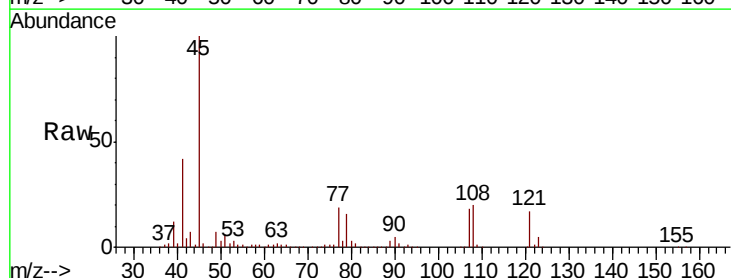
Tgt Ion: 45 Resp: 1061440

Ion Ratio Lower Upper

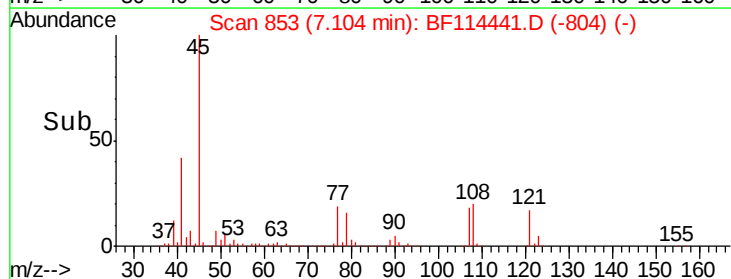
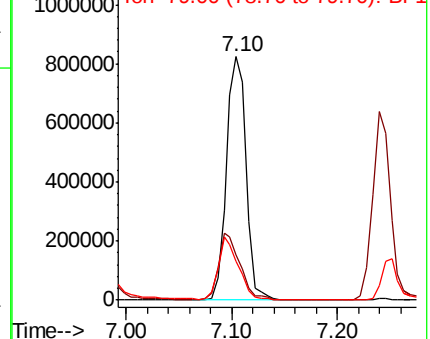
45 100

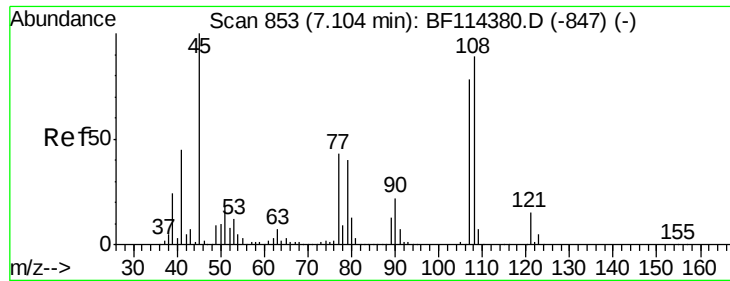
77 18.6 0.0 31.1

79 15.9 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

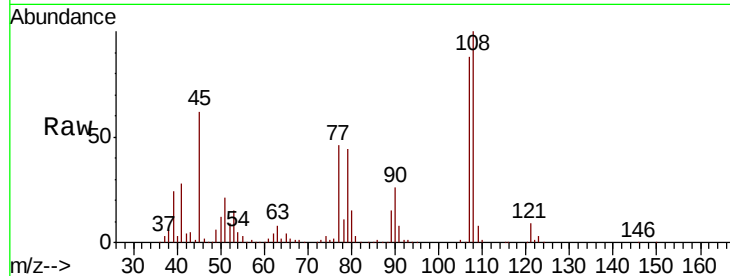




#17
2-Methylphenol
Concen: 40.067 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.5	135.7
77	52.5	37.0	55.4
79	50.0	35.8	53.8



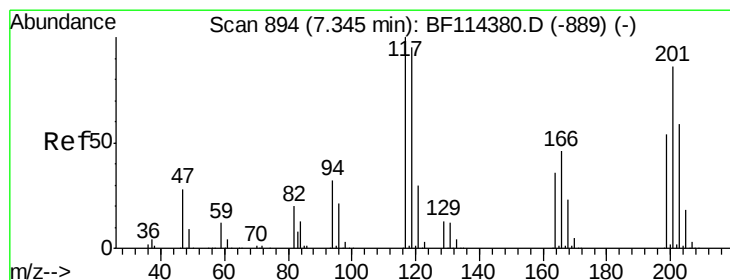
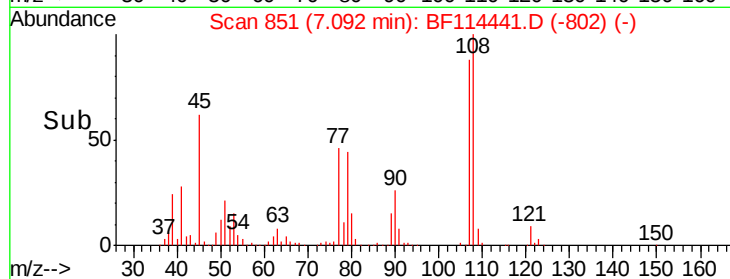
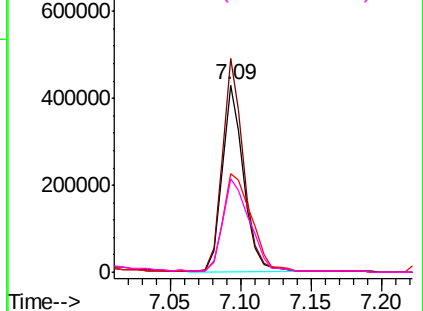
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

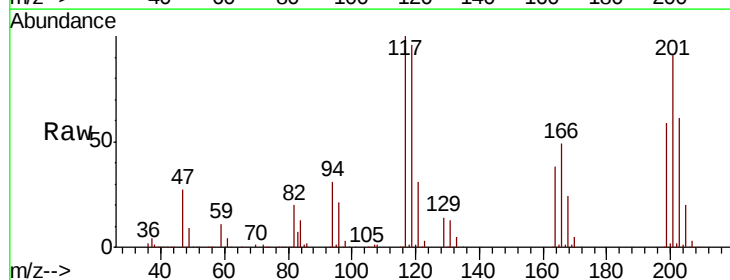
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.895 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
201	90.8	74.5	111.7

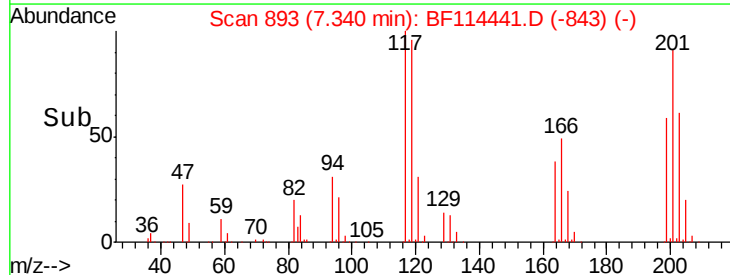
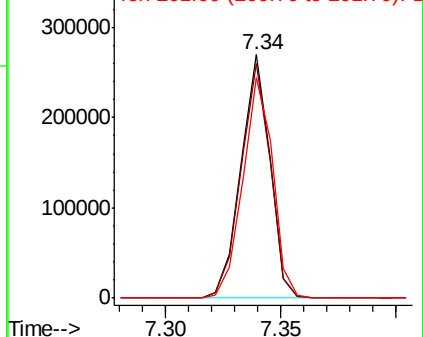


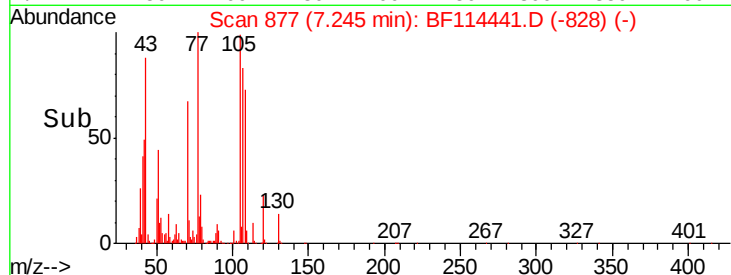
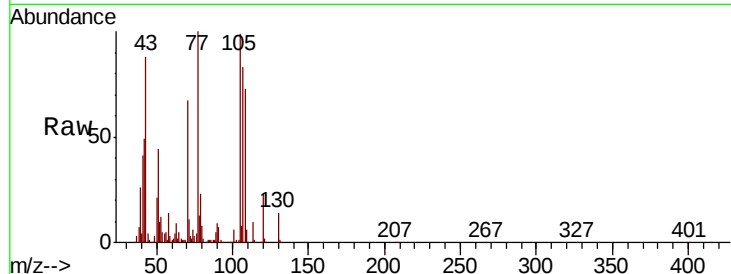
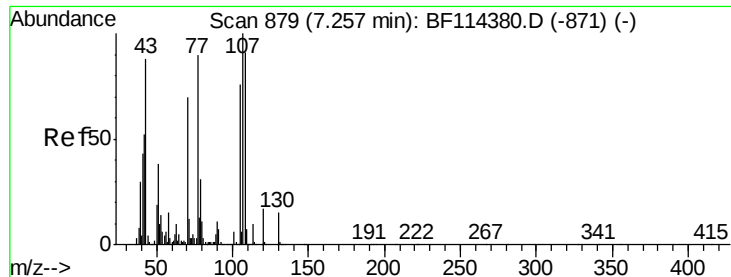
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

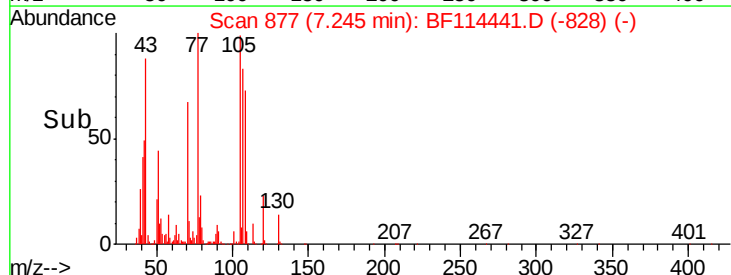
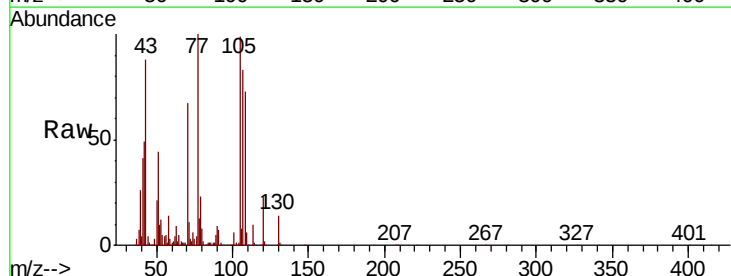
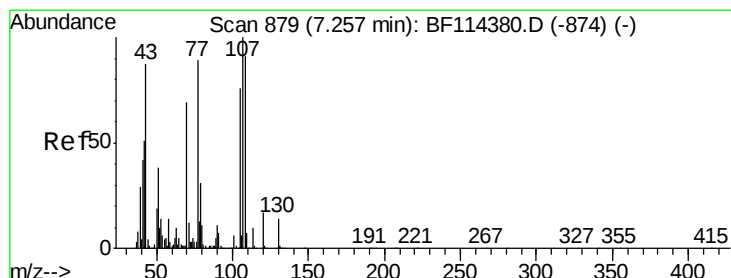
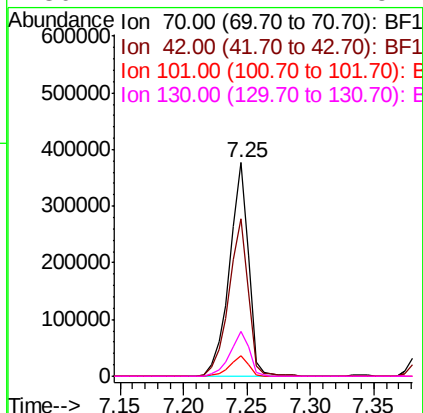




#19
n-Nitroso-di-n-propylamine
Concen: 40.745 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

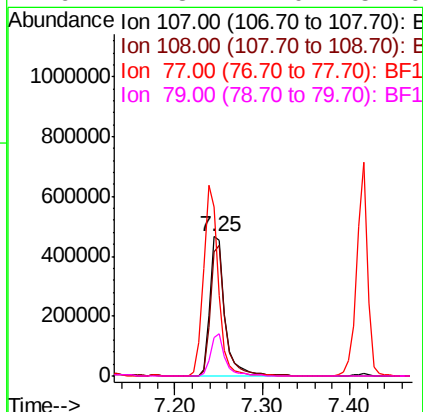
Instrument :
BNA_F
ClientSampled :

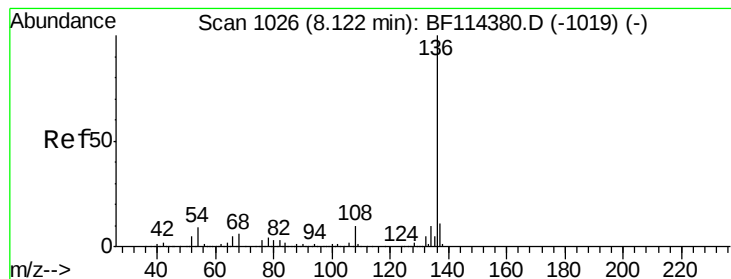
Tot Ion:	70	Resp:	390896
Ion	Ratio	Lower	Upper
70	100		
42	73.5	58.6	87.8
101	9.6	7.8	11.8
130	21.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 42.981 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:	107	Resp:	557307
Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.8	113.8
77	120.9	111.5	151.5
79	27.8	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 841219

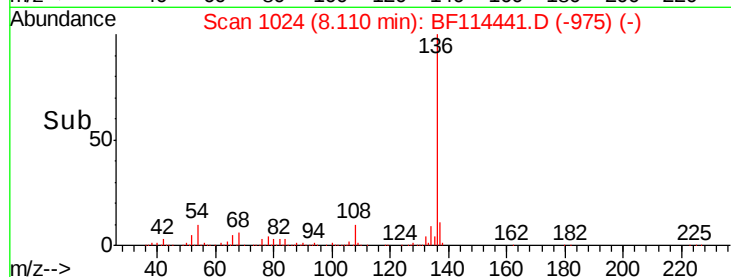
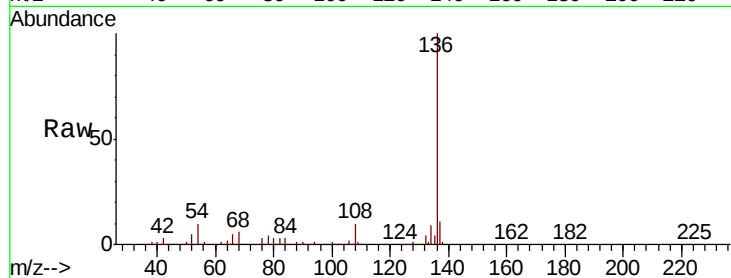
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.3 7.8 11.8

68 6.0 5.1 7.7

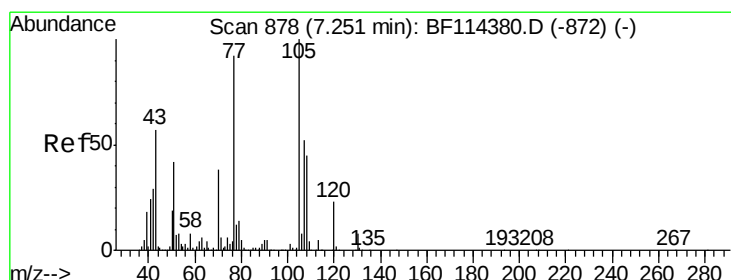
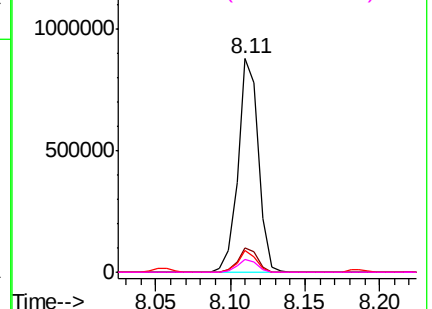


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.583 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Tgt Ion:105 Resp: 756286

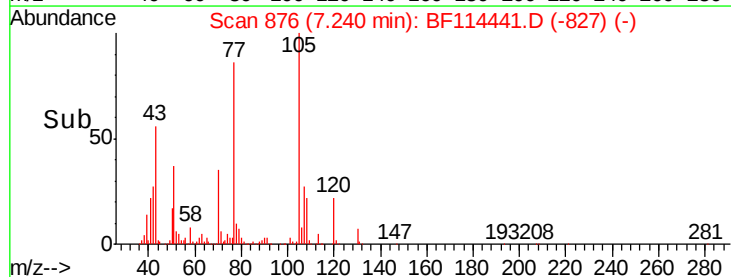
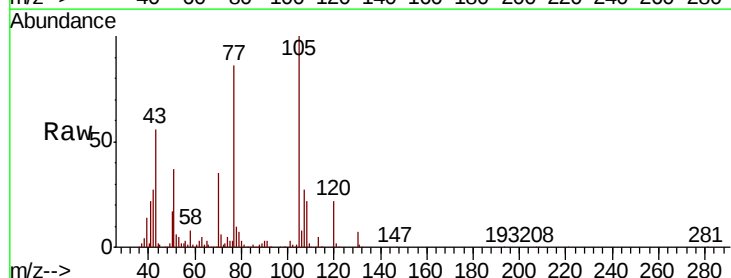
Ion Ratio Lower Upper

105 100

71 6.0 5.3 7.9

51 37.3 36.2 54.4

120 22.5 18.6 28.0

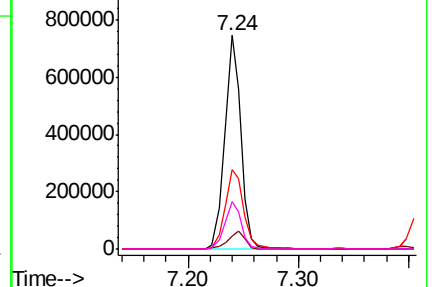


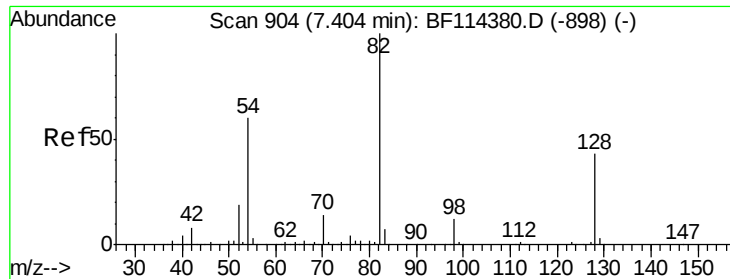
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

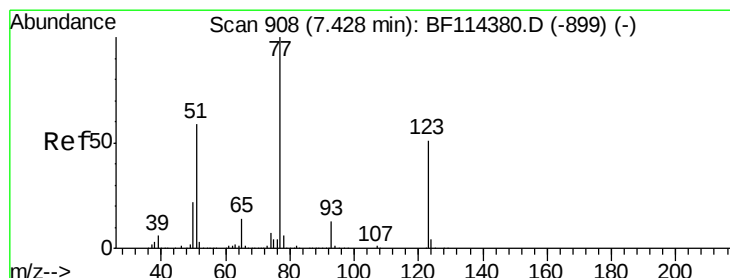
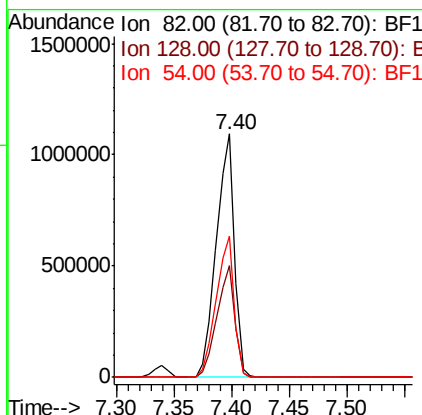
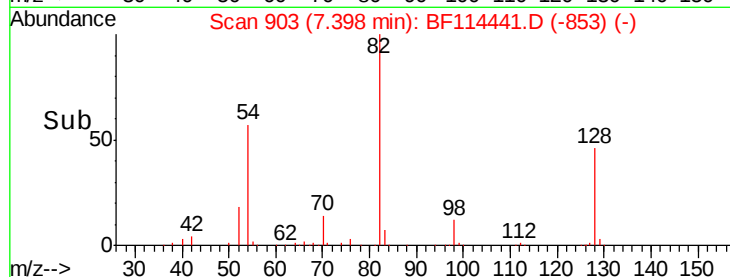
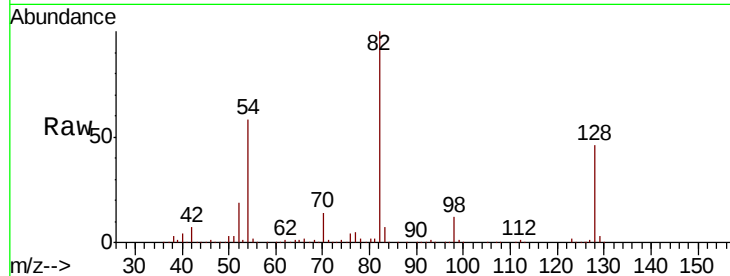




#23
 Nitrobenzene-d5
 Concen: 79.584 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

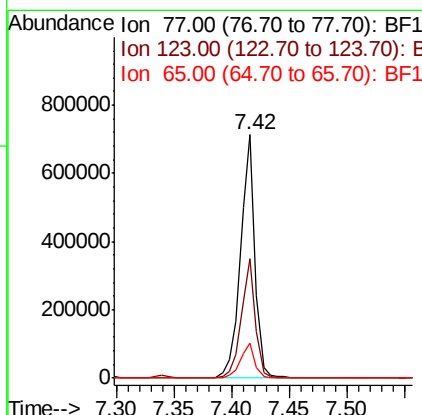
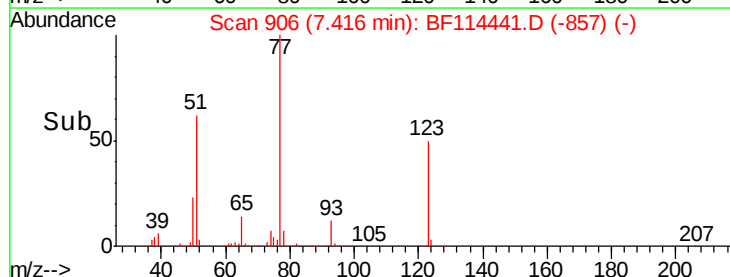
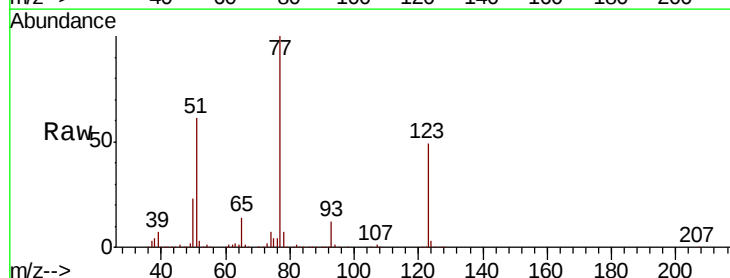
Instrument :
 BNA_F
 ClientSampled :

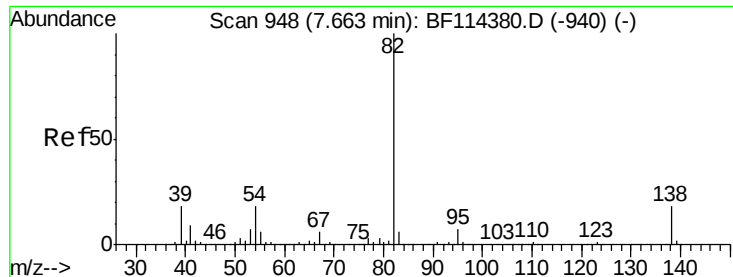
Tot Ion: 82 Resp: 1192942
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.5 53.3
 54 58.0 48.5 72.7



#24
 Nitrobenzene
 Concen: 40.242 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion: 77 Resp: 614378
 Ion Ratio Lower Upper
 77 100
 123 49.2 36.9 55.3
 65 14.2 11.8 17.6





#25

Isophorone

Concen: 40.057 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

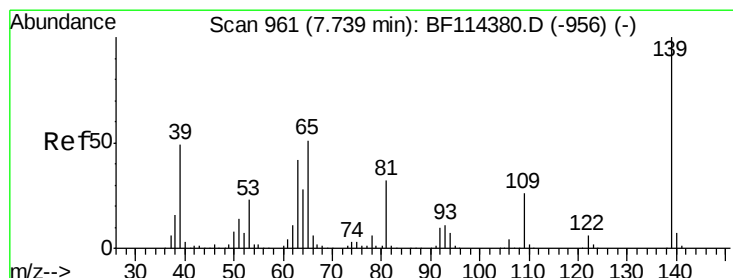
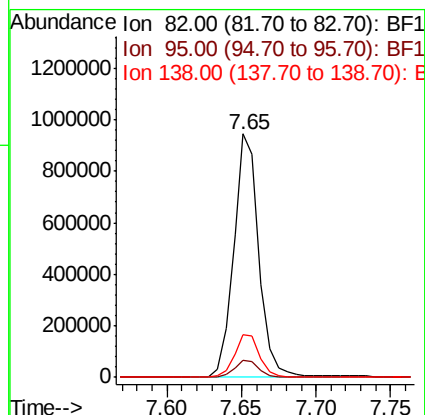
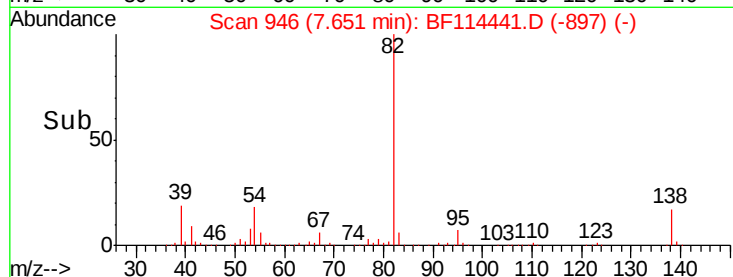
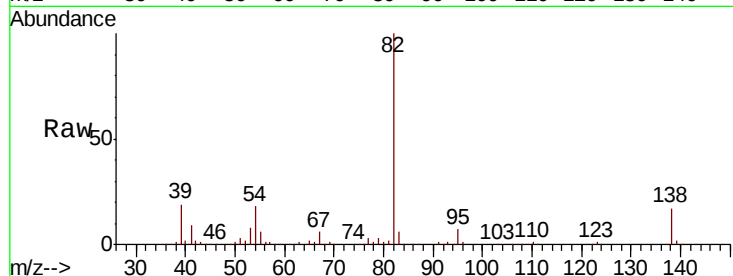
Tot Ion: 82 Resp: 1113571

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 17.4 14.8 22.2



#26

2-Nitrophenol

Concen: 41.929 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

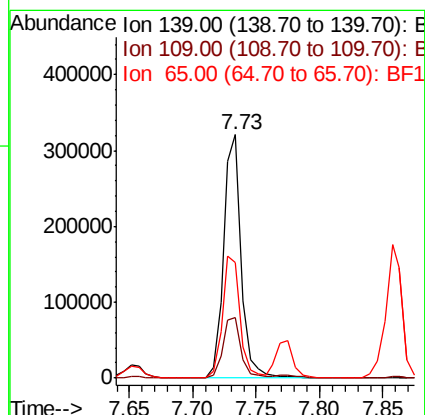
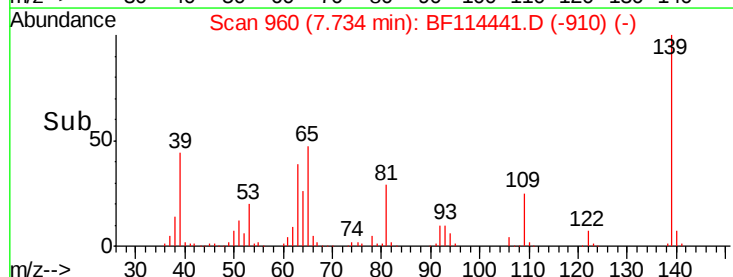
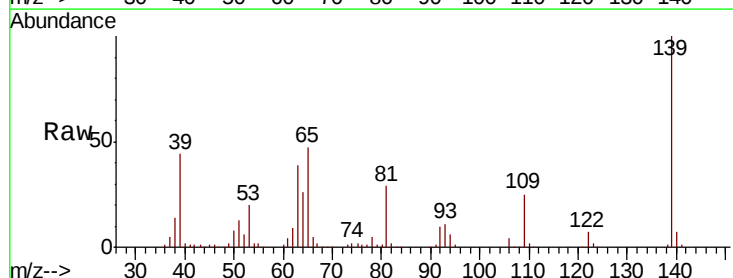
Tgt Ion: 139 Resp: 310570

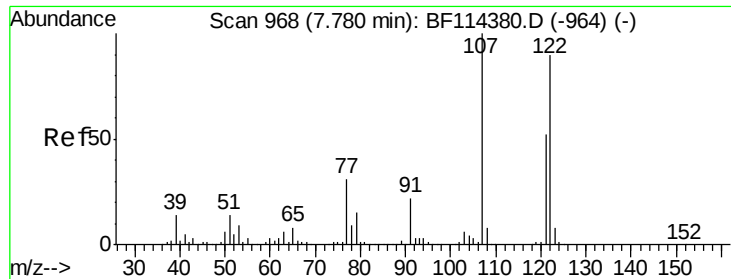
Ion Ratio Lower Upper

139 100

109 24.9 20.7 31.1

65 47.2 40.2 60.2

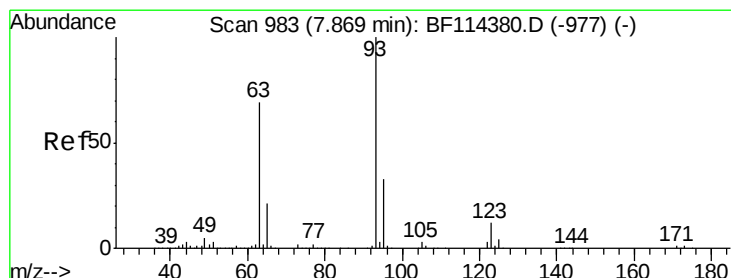
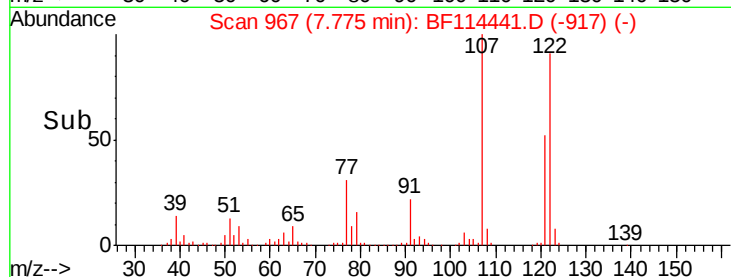
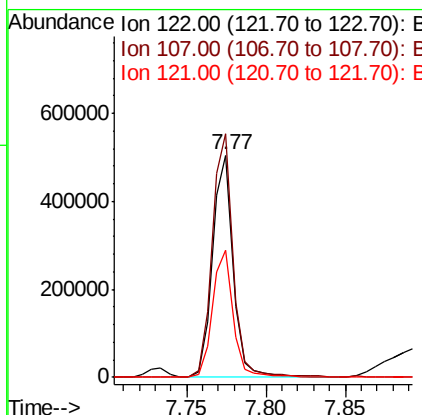
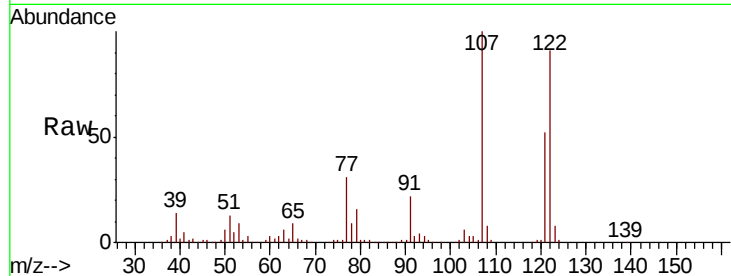




#27
 2,4-Dimethylphenol
 Concen: 39.204 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

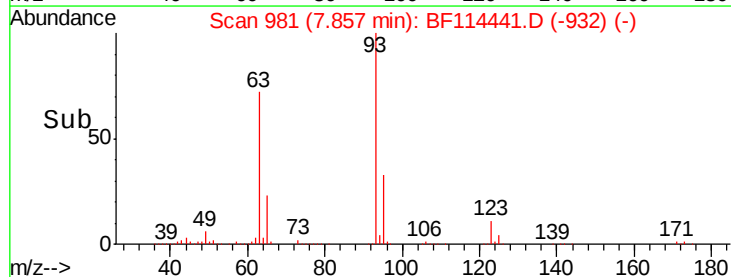
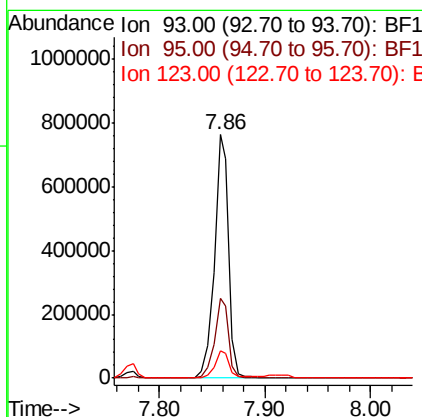
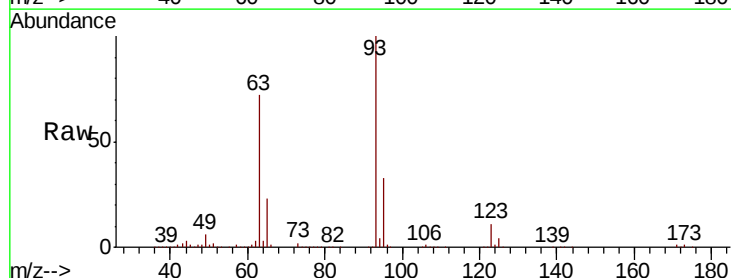
Instrument :
 BNA_F
 ClientSampleId :

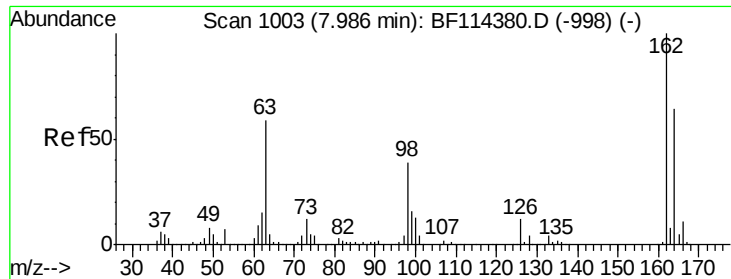
Tot Ion:122 Resp: 456075
 Ion Ratio Lower Upper
 122 100
 107 109.5 88.4 132.6
 121 57.4 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.473 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion: 93 Resp: 730039
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.8 40.2
 123 11.5 9.5 14.3

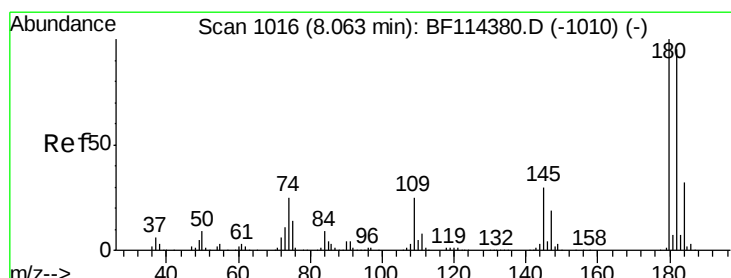
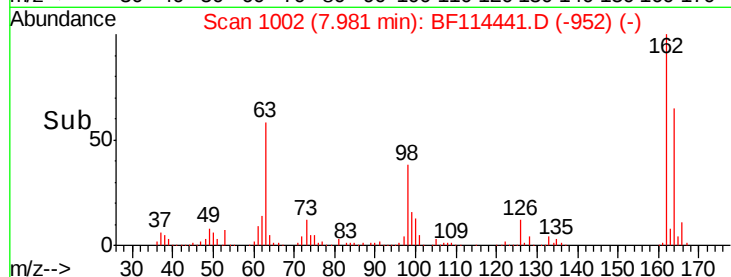
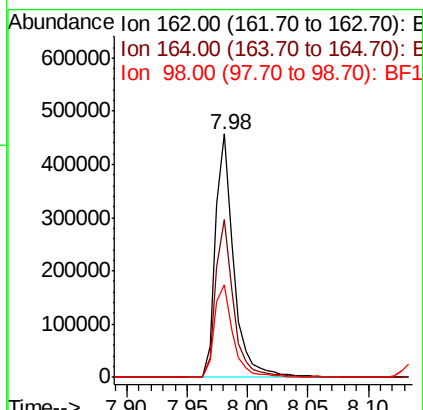
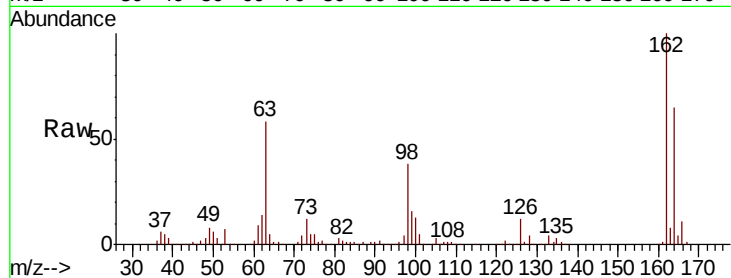




#29
 2,4-Dichlorophenol
 Concen: 40.719 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

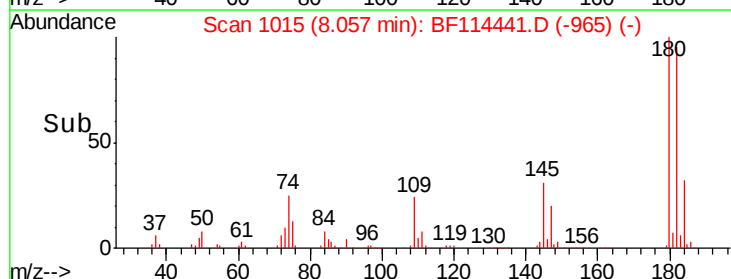
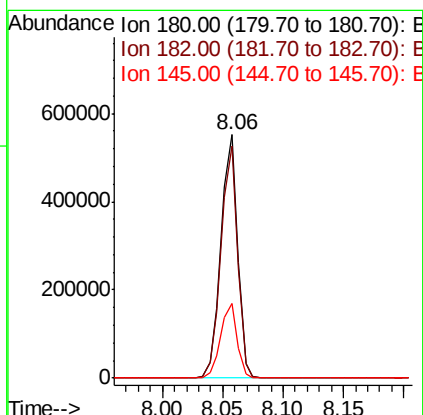
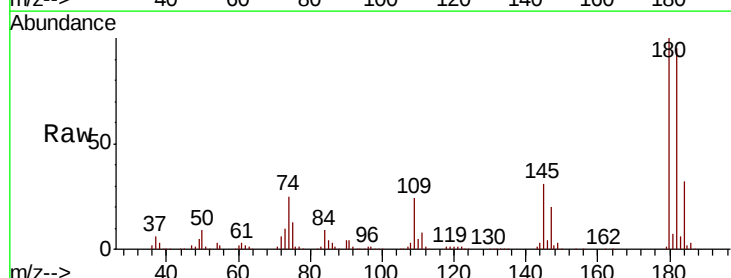
Instrument :
 BNA_F
 ClientSampleID :

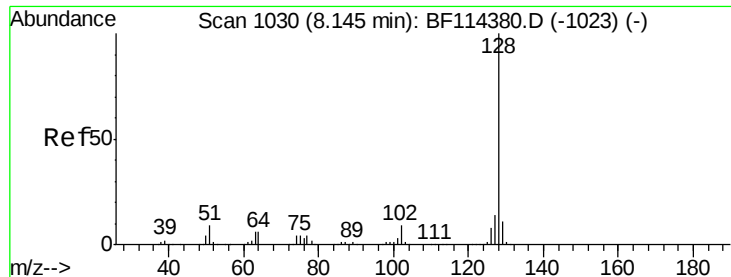
Tot Ion:162 Resp: 471694
 Ion Ratio Lower Upper
 162 100
 164 64.8 43.6 83.6
 98 38.2 20.6 60.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.944 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion:180 Resp: 526167
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.6 114.8
 145 30.7 25.1 37.7

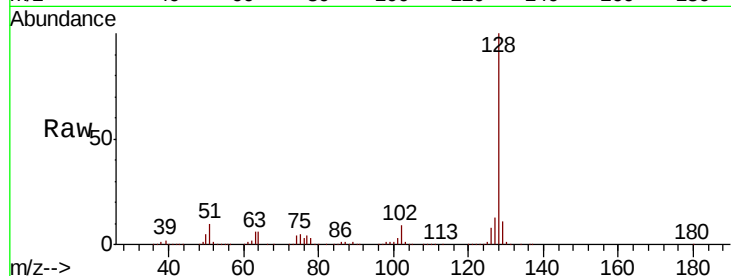




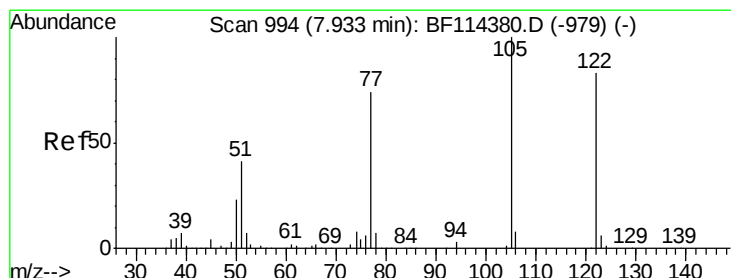
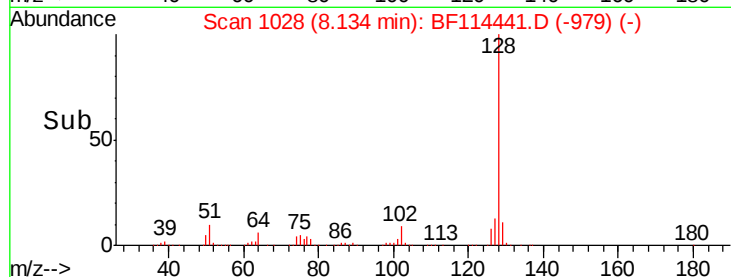
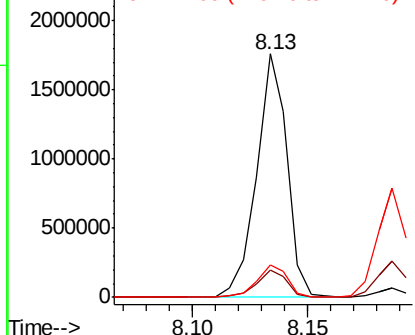
#31
Naphthalene
Concen: 41.112 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1615486
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.4 11.3 16.9

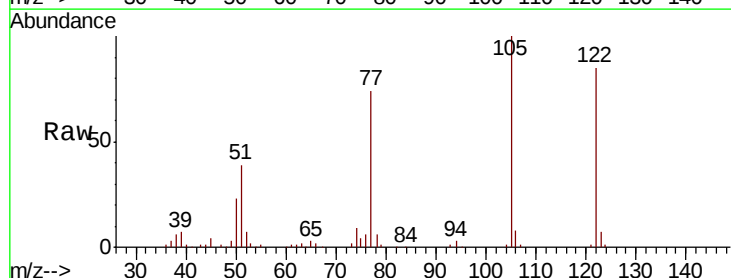


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

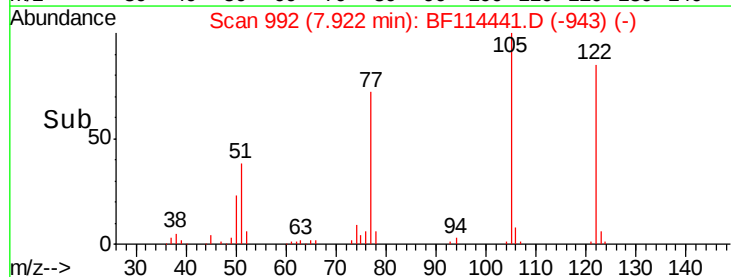
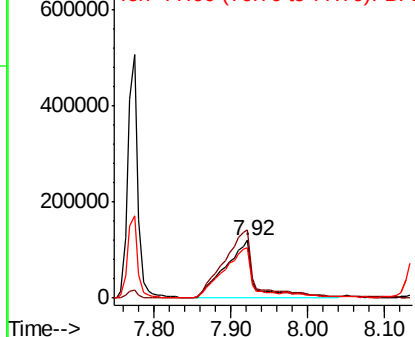


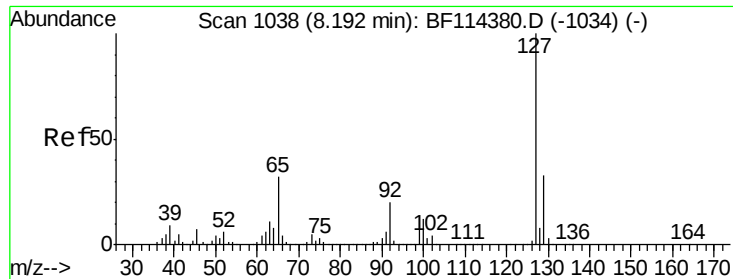
#32
Benzoic acid
Concen: 39.467 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:122 Resp: 315254
Ion Ratio Lower Upper
122 100
105 118.2 99.9 139.9
77 86.9 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

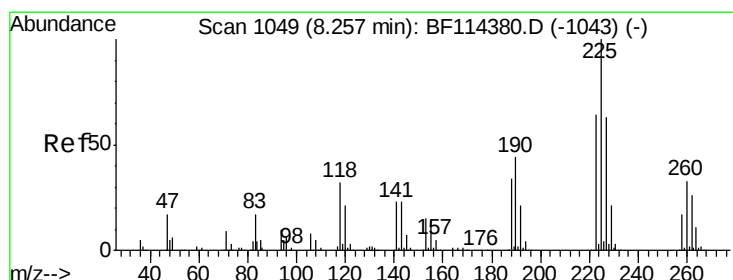
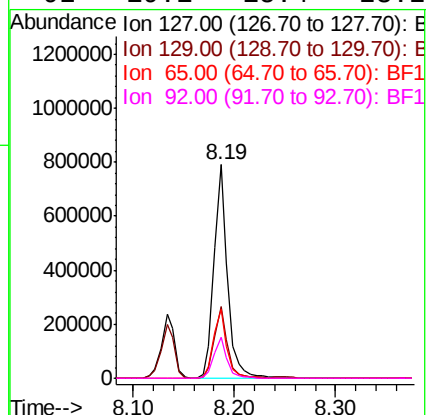
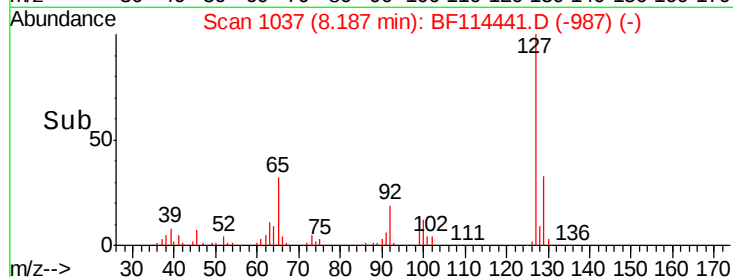
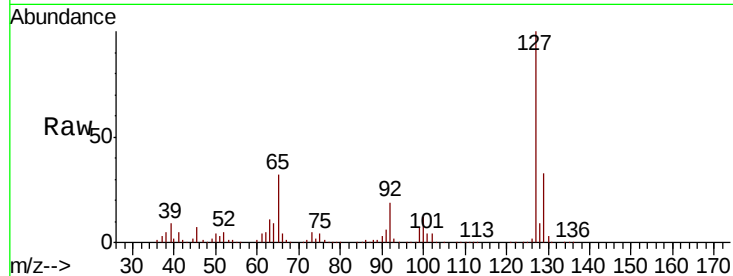




#33
4-Chloroaniline
Concen: 41.168 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

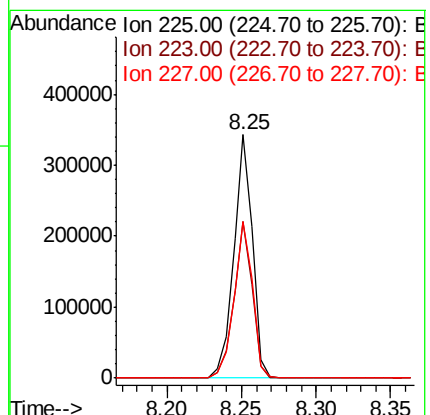
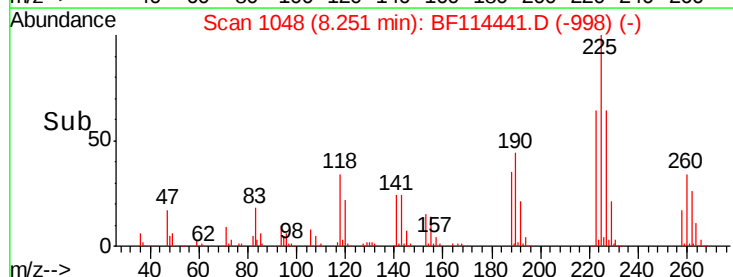
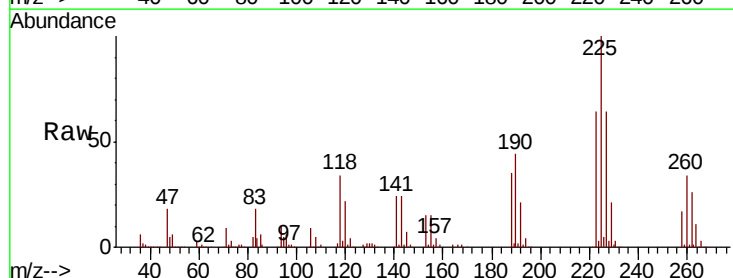
Instrument :
BNA_F
ClientSampleId :

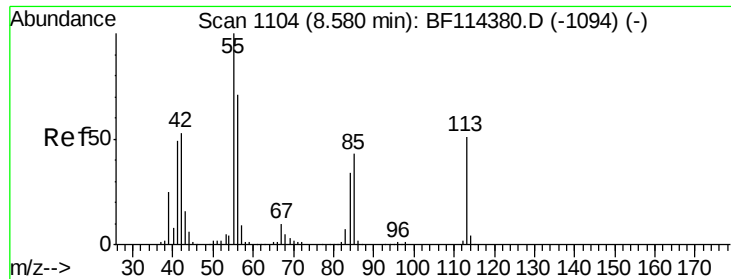
Tot Ion:	127	Resp:	737171
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.7	40.1
65	32.2	25.4	38.0
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.392 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:	225	Resp:	302738
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.2
227	64.3	52.6	79.0

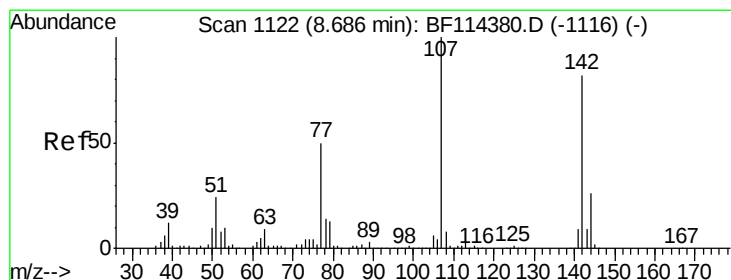
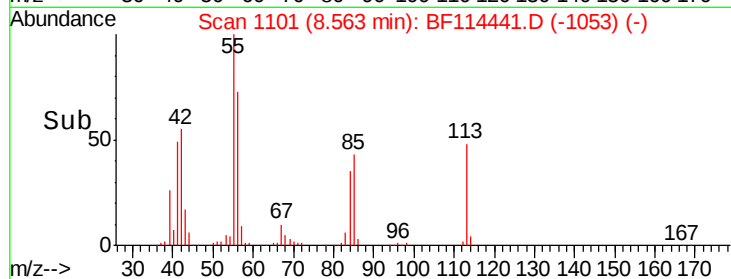
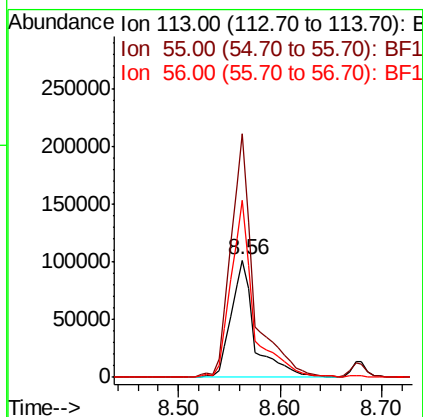
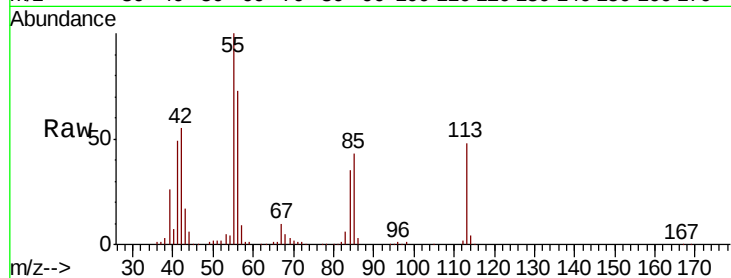




#35
 Caprolactam
 Concen: 43.242 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

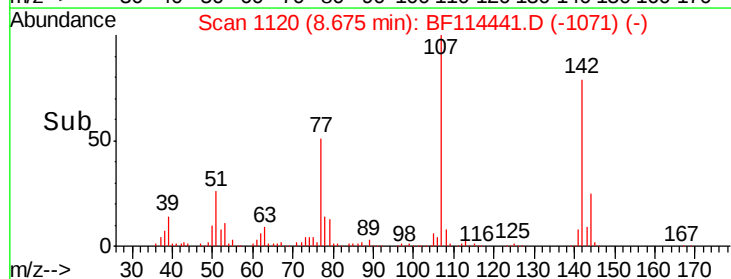
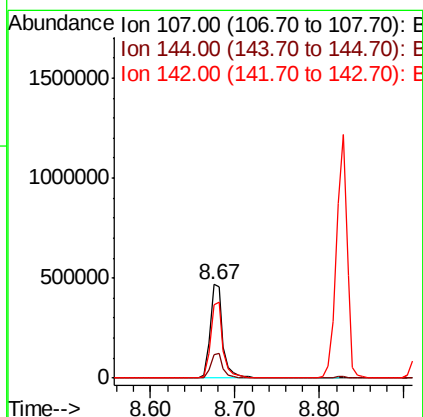
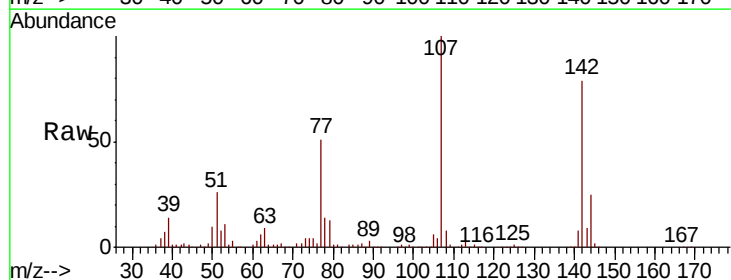
Instrument :
 BNA_F
 ClientSampleId :

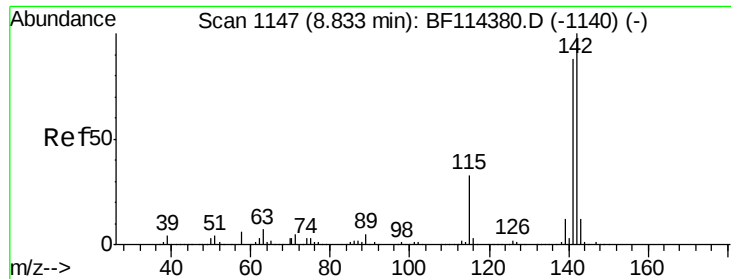
Tot Ion:113 Resp: 163337
 Ion Ratio Lower Upper
 113 100
 55 208.0 183.5 223.5
 56 151.6 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.507 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion:107 Resp: 495642
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 78.6 64.2 96.4

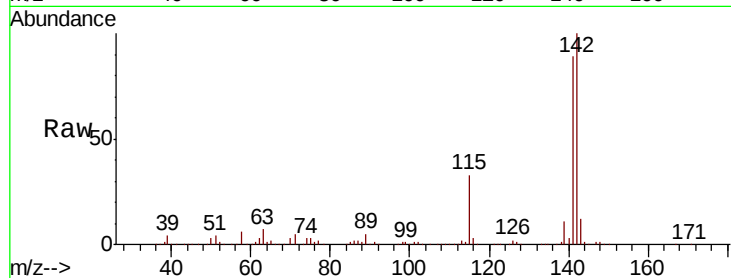




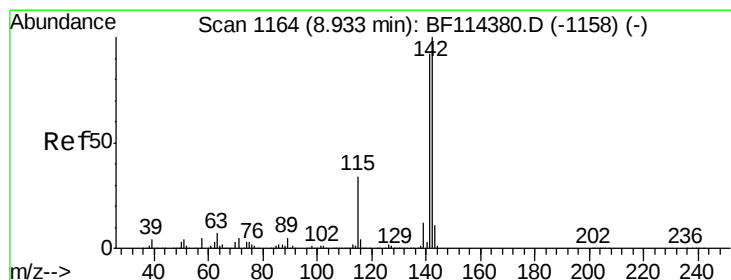
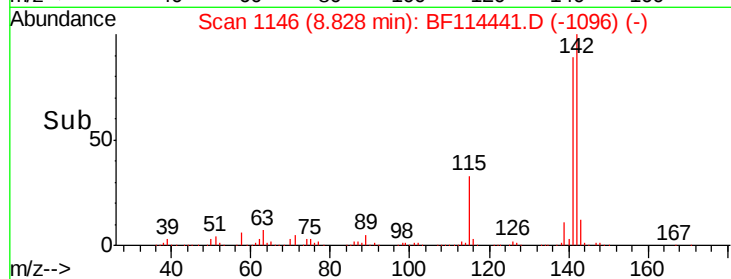
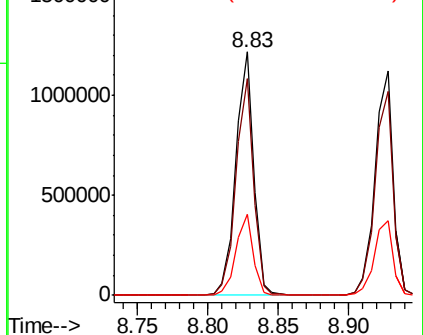
#37
2-Methylnaphthalene
Concen: 42.250 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1071160
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1
115 33.1 28.0 42.0

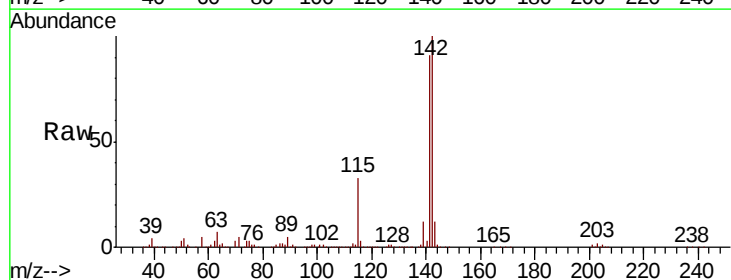


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

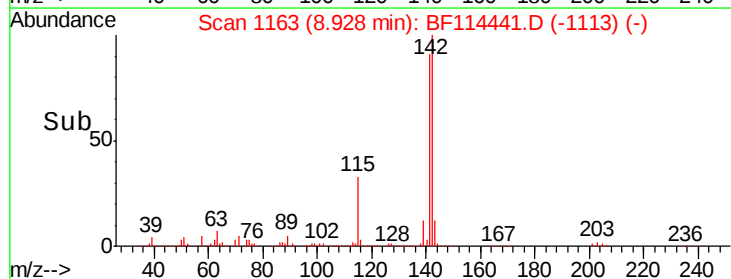
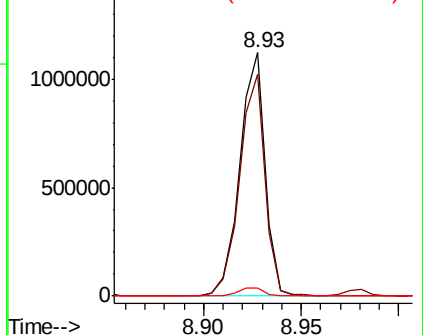


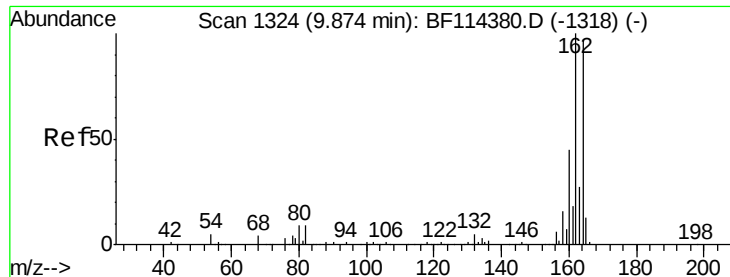
#38
1-Methylnaphthalene
Concen: 41.960 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:142 Resp: 1001799
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0
116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

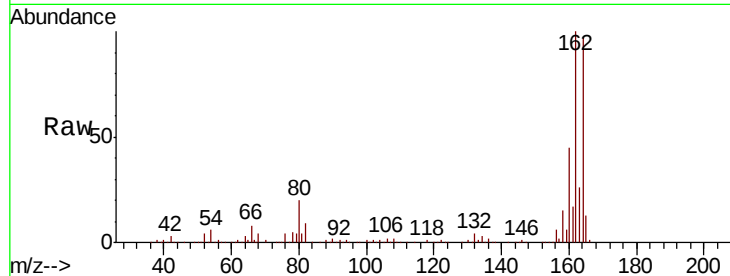




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	120.8
160	46.2	36.5	54.7

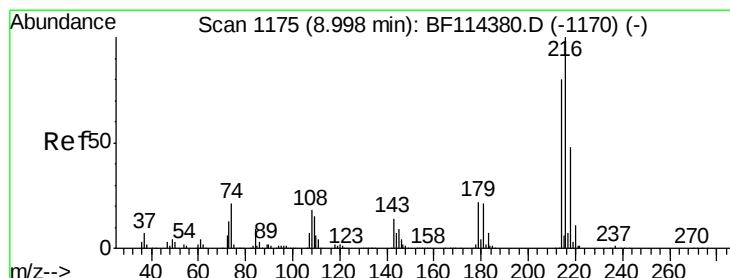
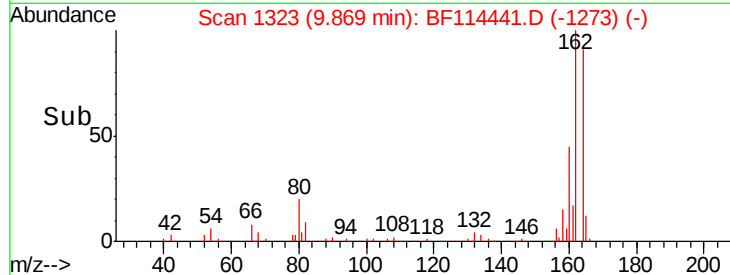
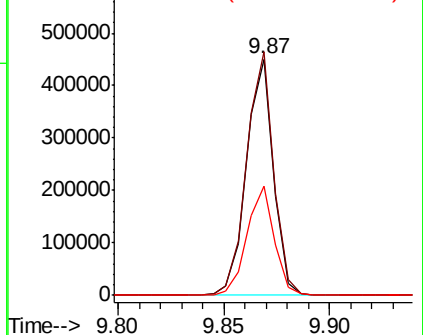


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.304 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.9	95.9
179	21.0	17.0	25.6
108	18.1	14.8	22.2

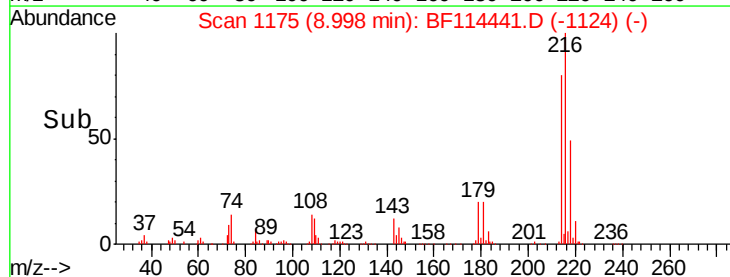
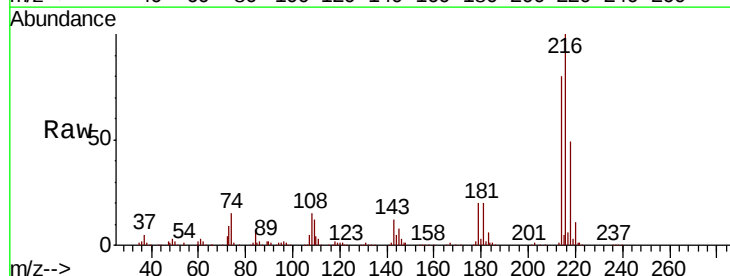
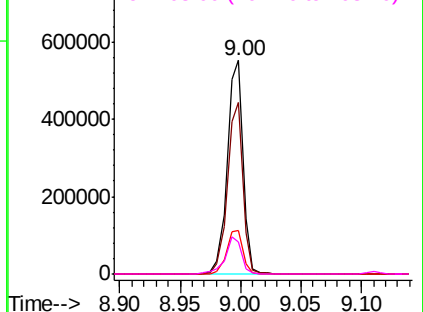
Abundance

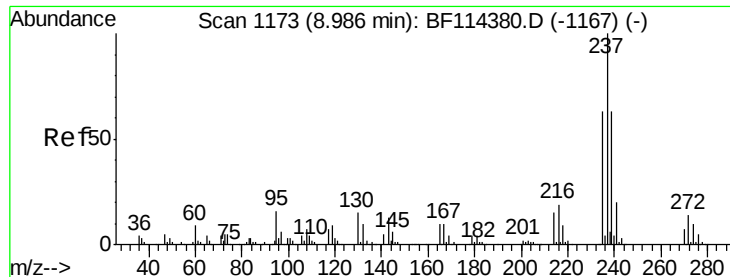
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.270 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

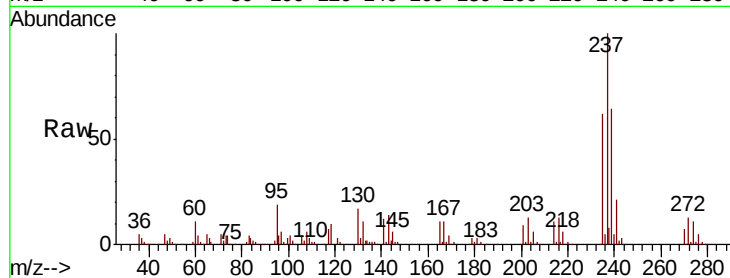
Tot Ion:237 Resp: 190236

Ion Ratio Lower Upper

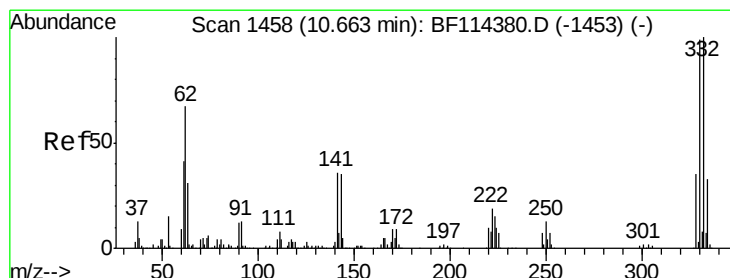
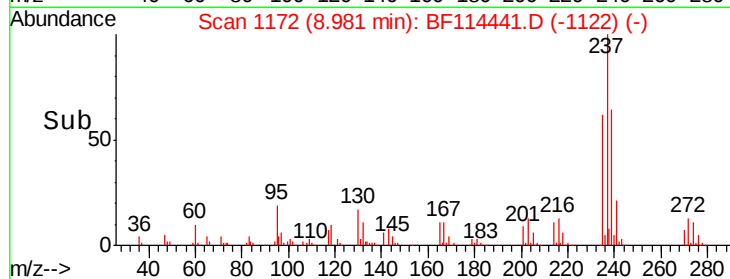
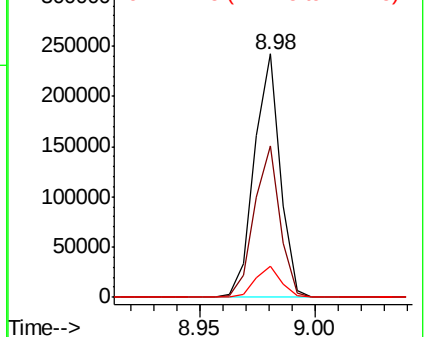
237 100

235 62.1 42.0 82.0

272 12.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 76.667 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

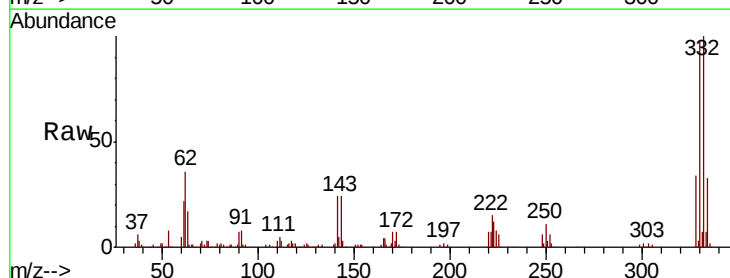
Tgt Ion:330 Resp: 316367

Ion Ratio Lower Upper

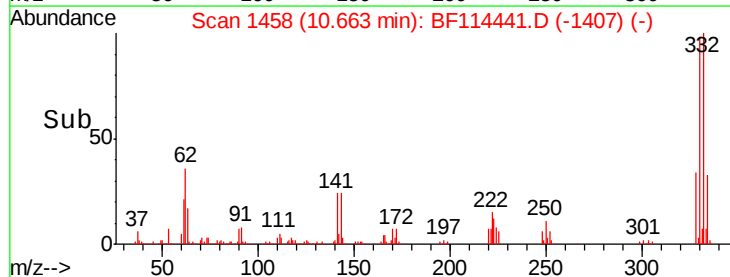
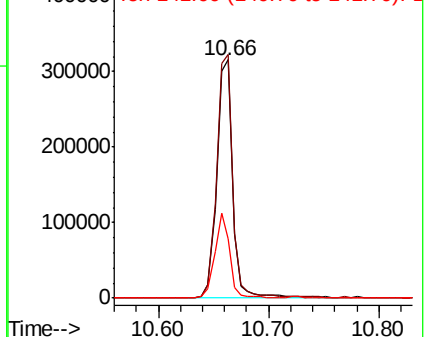
330 100

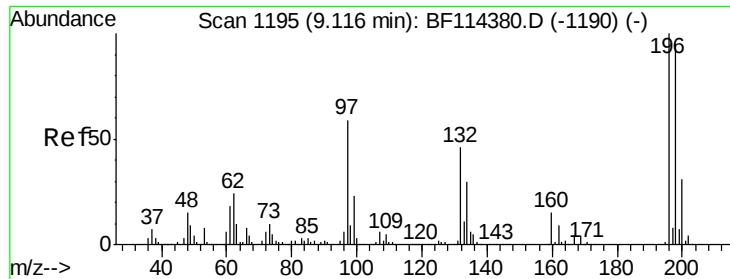
332 102.8 81.4 122.2

141 32.8 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

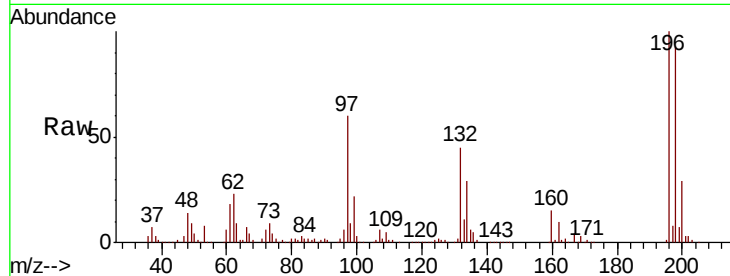




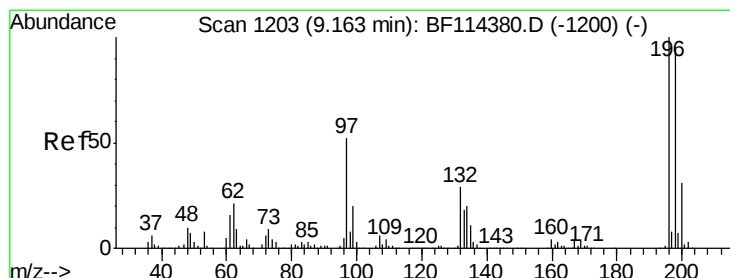
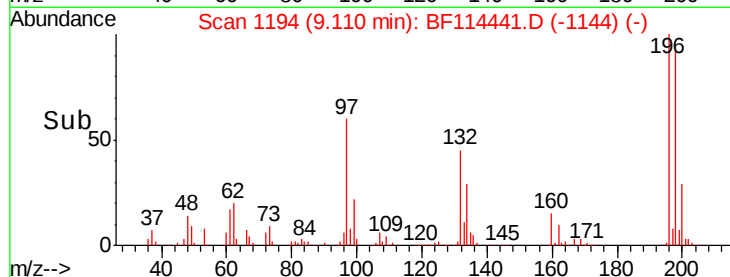
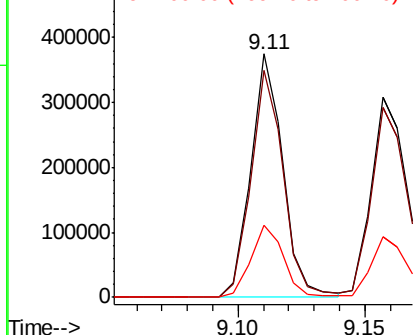
#43
 2,4,6-Trichlorophenol
 Concen: 39.774 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 330781
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.9 113.9
 200 29.4 23.5 35.3

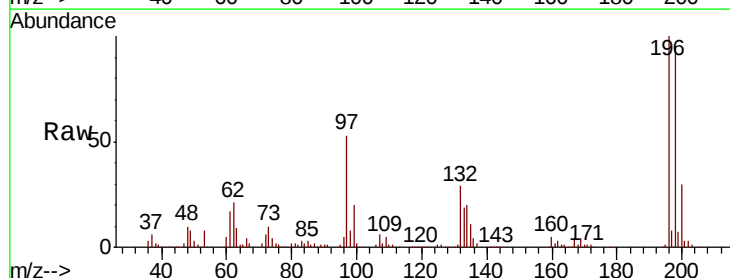


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

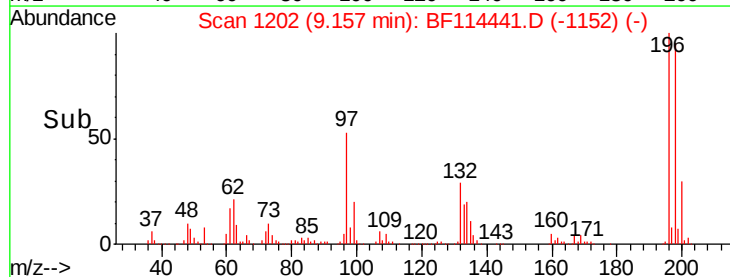
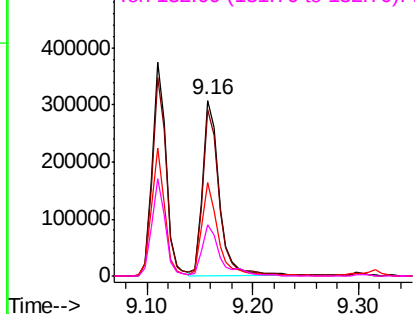


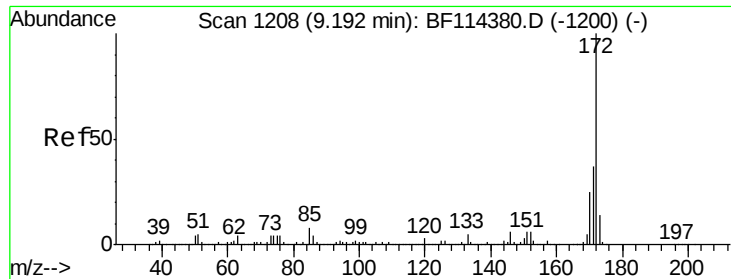
#44
 2,4,5-Trichlorophenol
 Concen: 39.295 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion:196 Resp: 335144
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.7 116.5
 97 53.1 38.2 57.2
 132 29.2 21.4 32.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

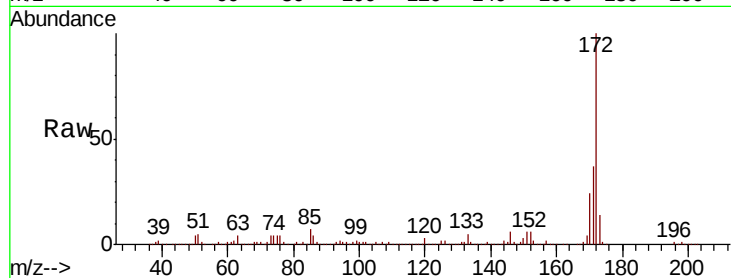




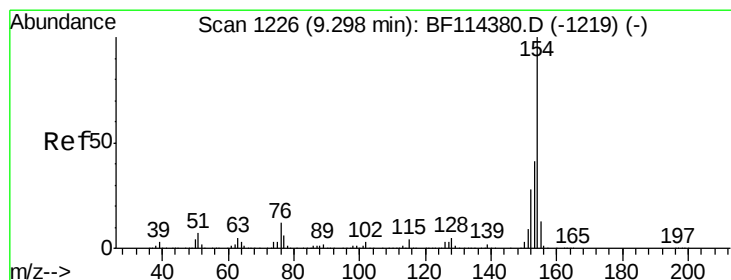
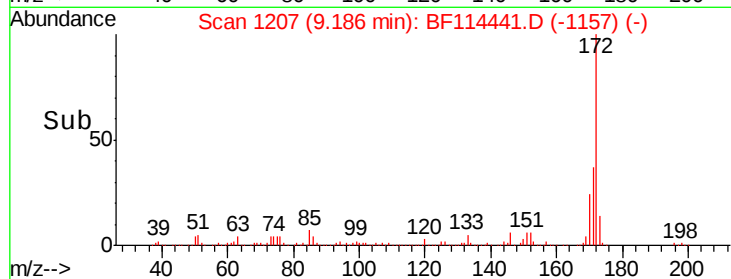
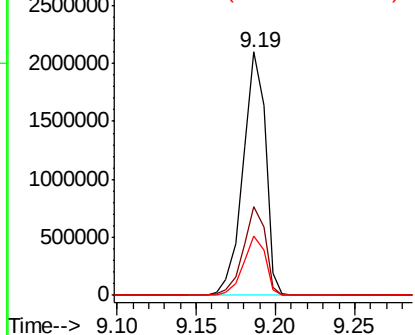
#45
2-Fluorobiphenyl
Concen: 78.004 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2058279
Ion Ratio Lower Upper
172 100
171 36.6 30.7 46.1
170 24.5 20.5 30.7

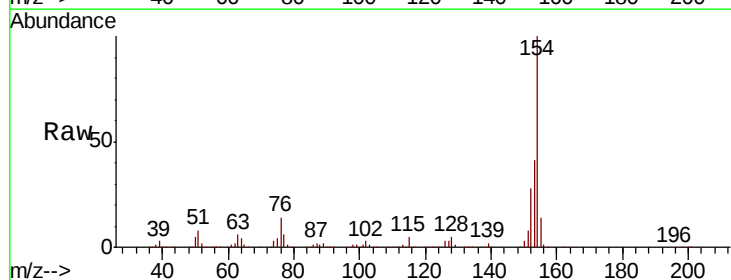


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

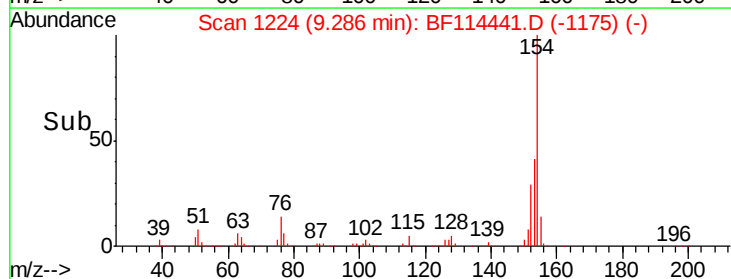
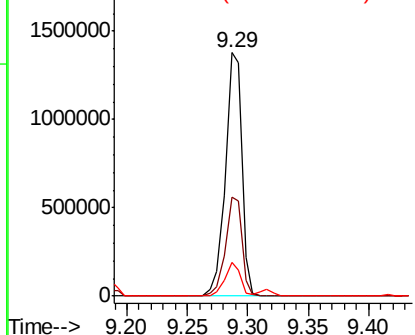


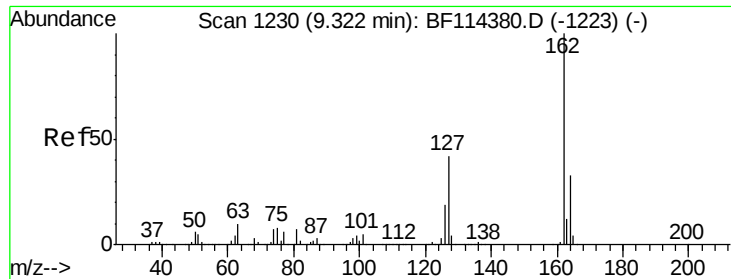
#46
1,1'-Biphenyl
Concen: 40.464 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:154 Resp: 1304797
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 13.7 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

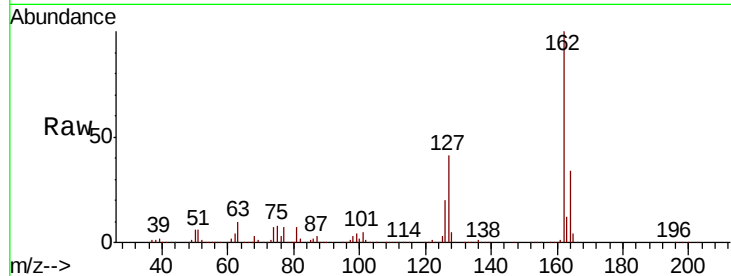




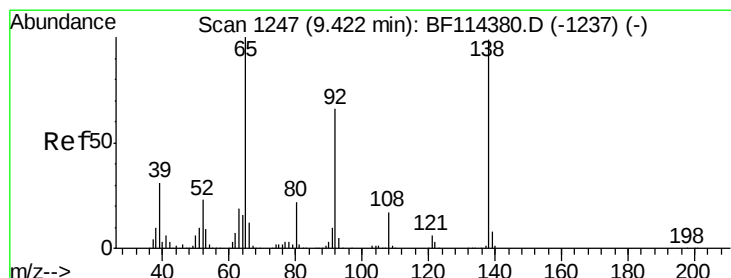
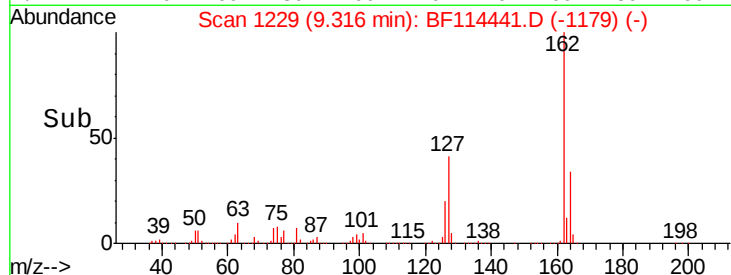
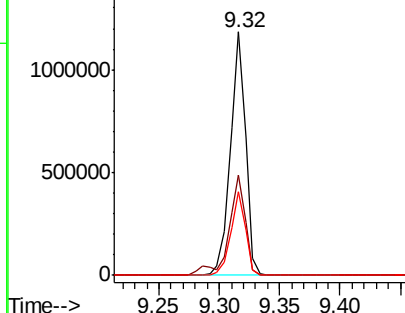
#47
 2-Chloronaphthalene
 Concen: 40.108 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1040854
 Ion Ratio Lower Upper
 162 100
 127 41.0 34.0 51.0
 164 34.2 26.7 40.1

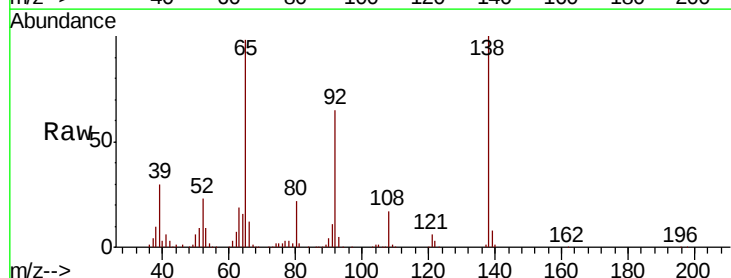


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

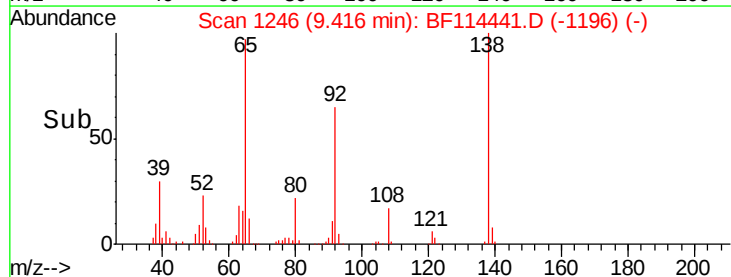
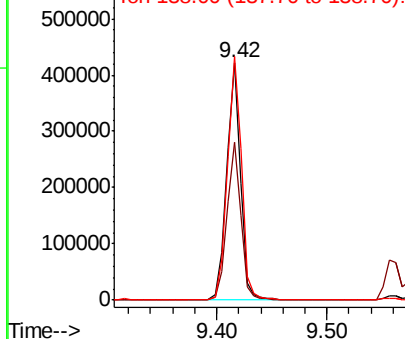


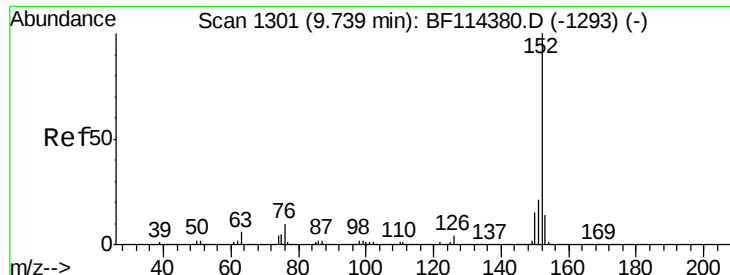
#48
 2-Nitroaniline
 Concen: 40.362 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion: 65 Resp: 371467
 Ion Ratio Lower Upper
 65 100
 92 66.6 53.9 80.9
 138 102.5 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.299 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

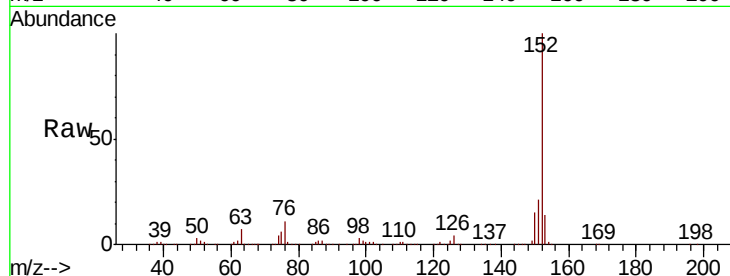
Tot Ion:152 Resp: 1590578

Ion Ratio Lower Upper

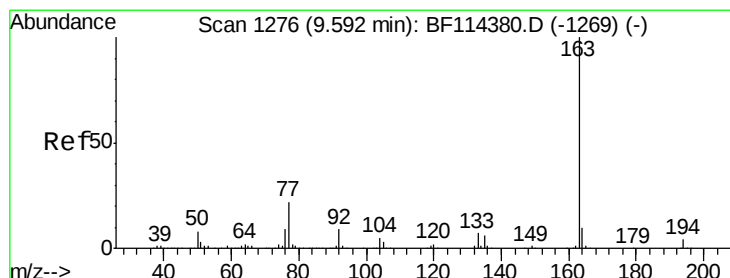
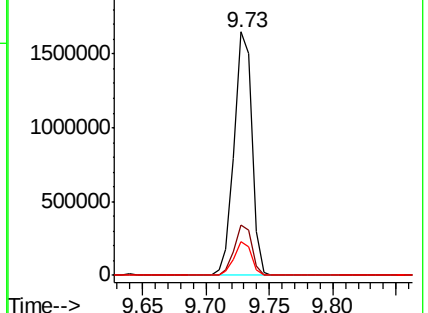
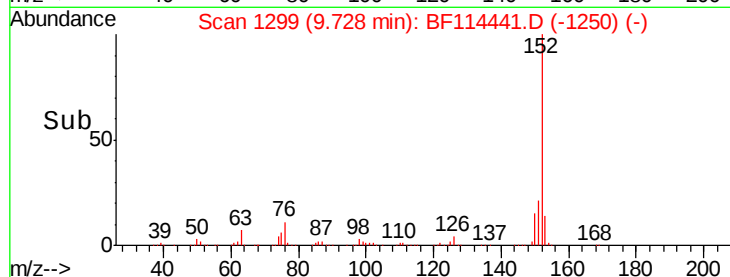
152 100

151 20.8 16.8 25.2

153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.751 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

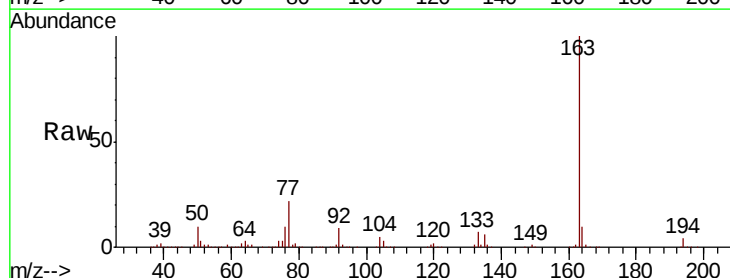
Tgt Ion:163 Resp: 1194055

Ion Ratio Lower Upper

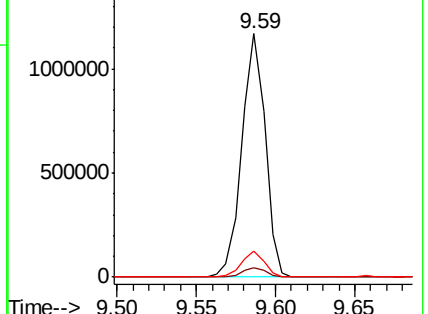
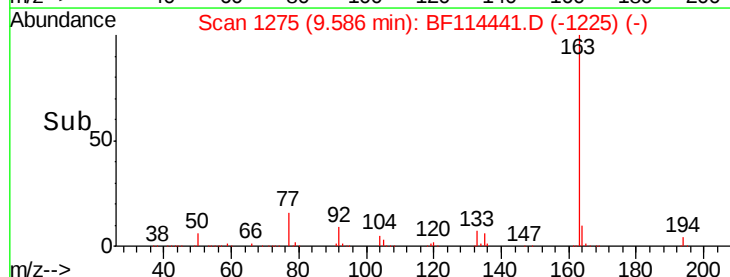
163 100

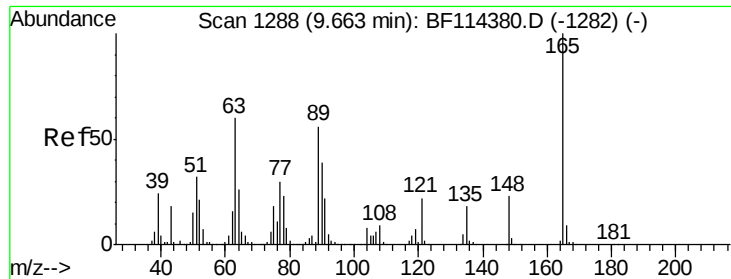
194 4.0 3.4 5.0

164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.555 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampled :

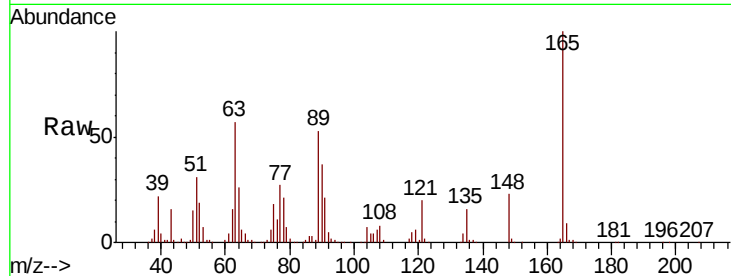
Tot Ion:165 Resp: 263566

Ion Ratio Lower Upper

165 100

63 56.5 50.2 75.4

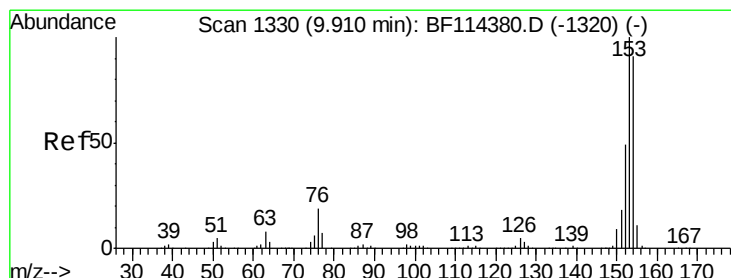
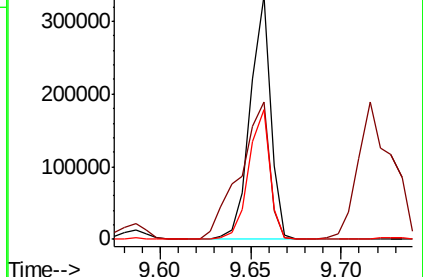
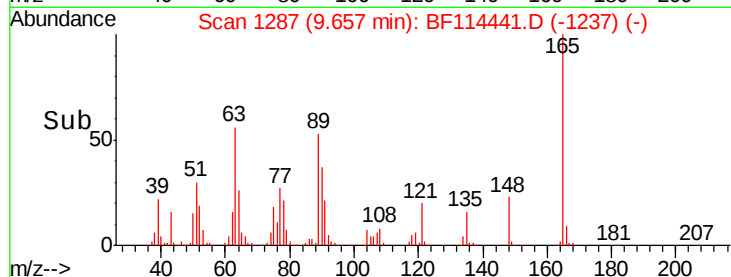
89 53.1 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.581 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

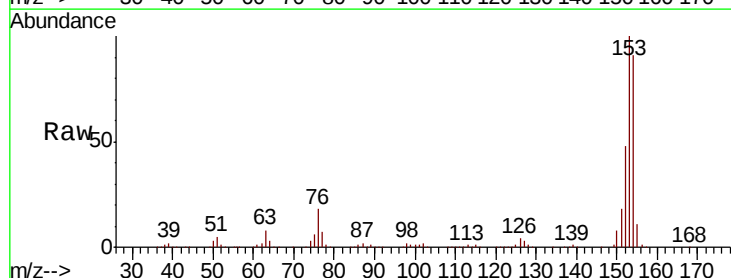
Tgt Ion:154 Resp: 958668

Ion Ratio Lower Upper

154 100

153 110.1 90.5 135.7

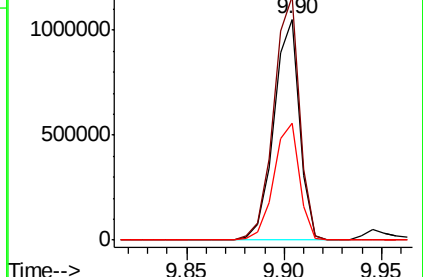
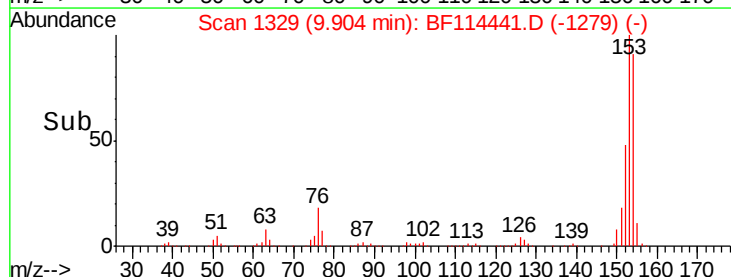
152 53.0 43.4 65.2

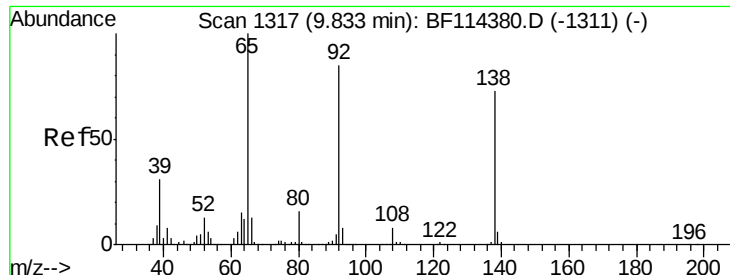


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

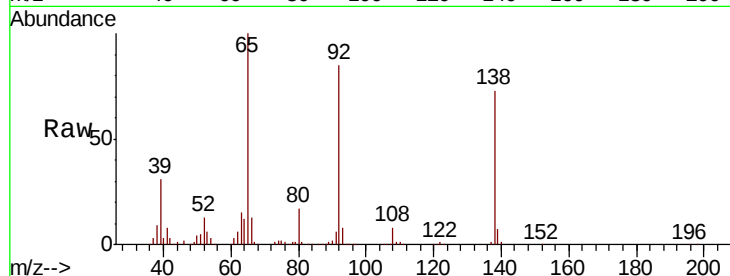




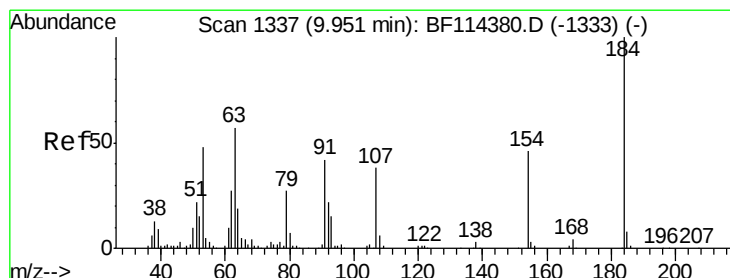
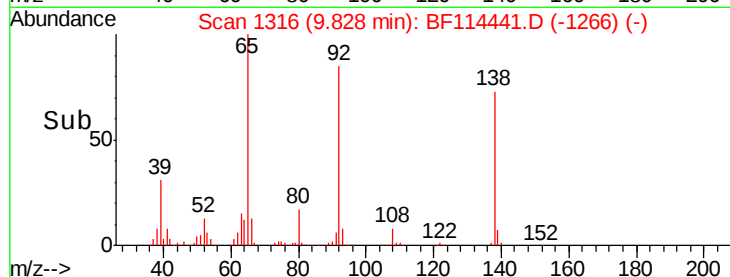
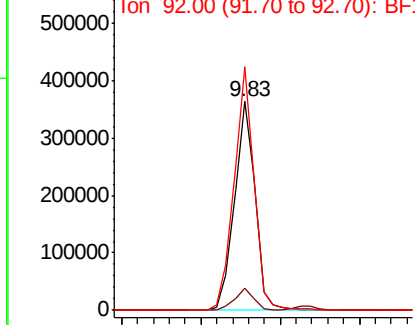
#53
3-Nitroaniline
Concen: 40.718 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 328492
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 116.6 91.2 136.8

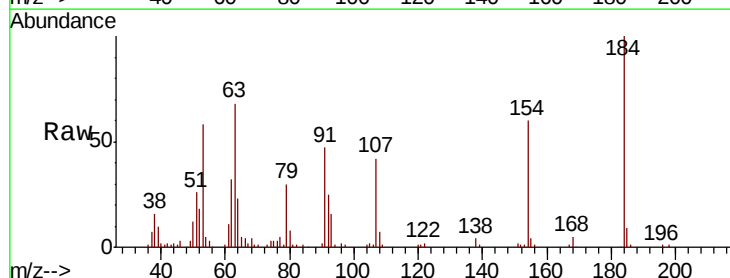


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

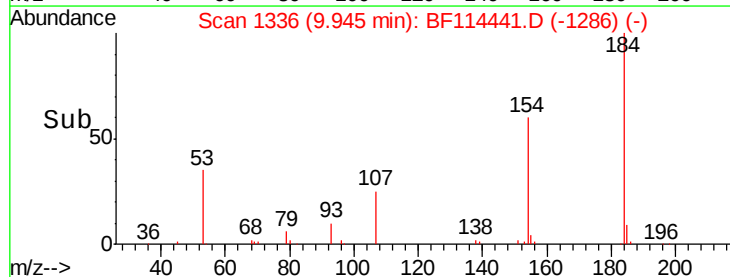
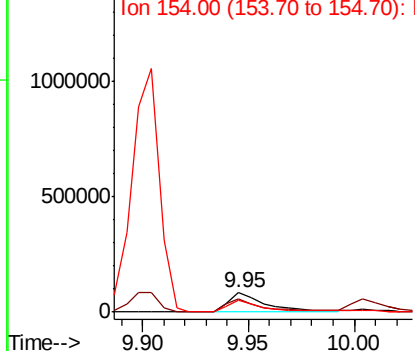


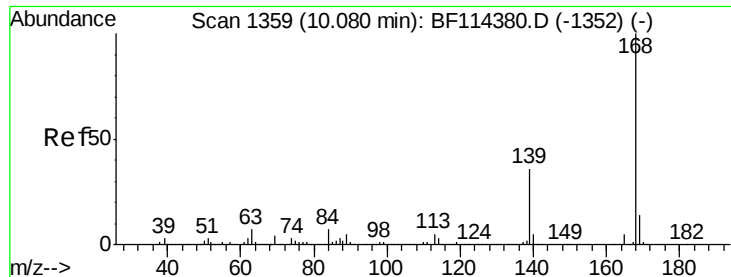
#54
2,4-Dinitrophenol
Concen: 35.401 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:184 Resp: 102266
Ion Ratio Lower Upper
184 100
63 68.0 55.6 83.4
154 59.6 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

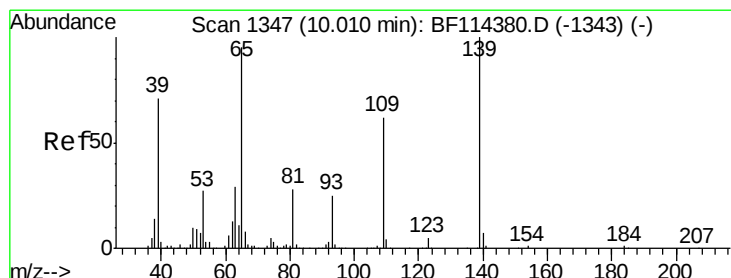
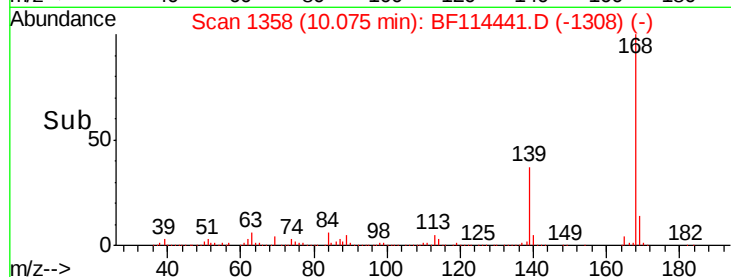
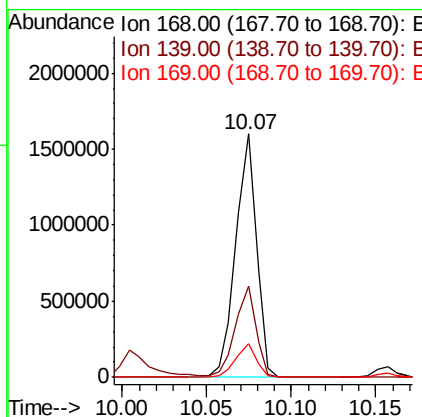
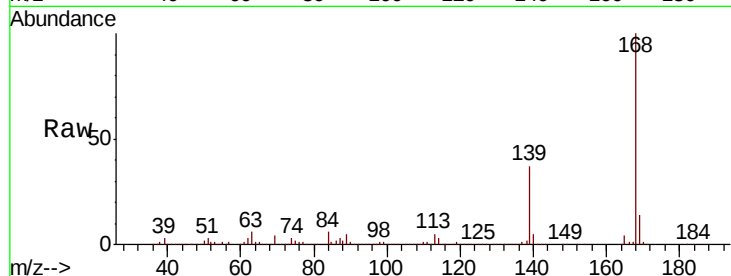




#55
Dibenzenofuran
Concen: 38.646 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

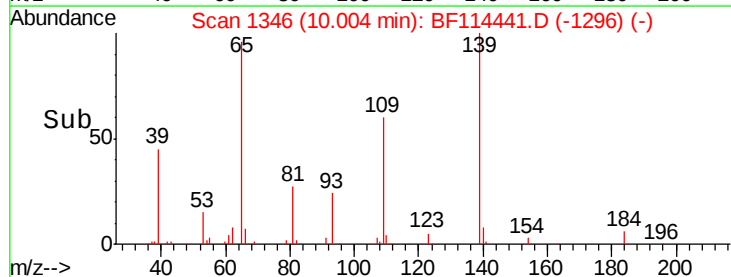
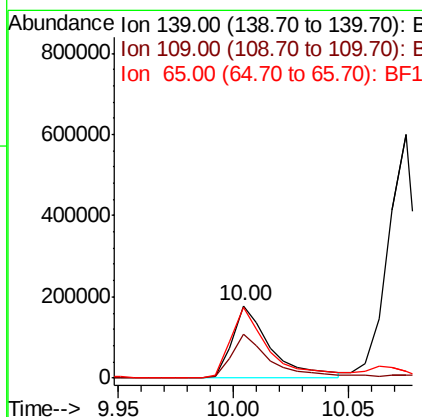
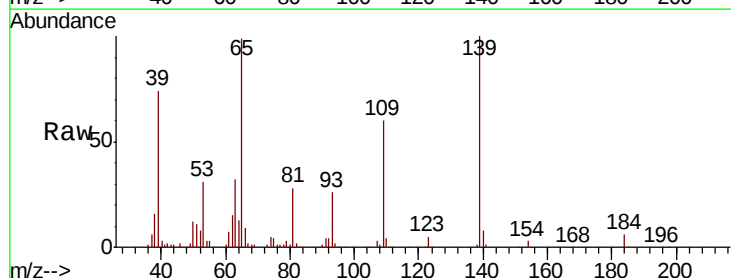
Instrument :
BNA_F
ClientSampleId :

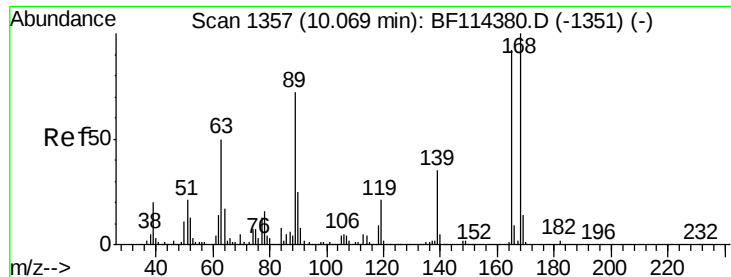
Tot Ion:168 Resp: 1372523
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 36.163 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:139 Resp: 206319
Ion Ratio Lower Upper
139 100
109 60.2 43.9 83.9
65 98.6 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 37.768 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 333149

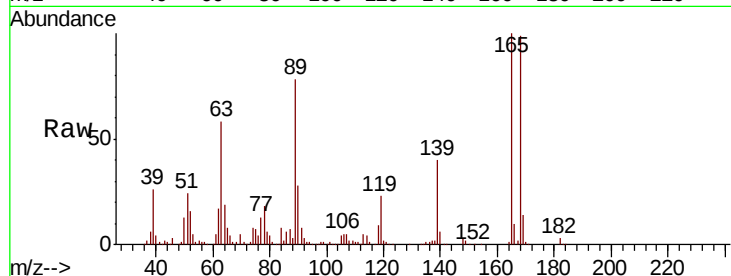
Ion Ratio Lower Upper

165 100

63 58.3 35.5 53.3#

89 78.0 55.2 82.8

182 2.6 2.2 3.2

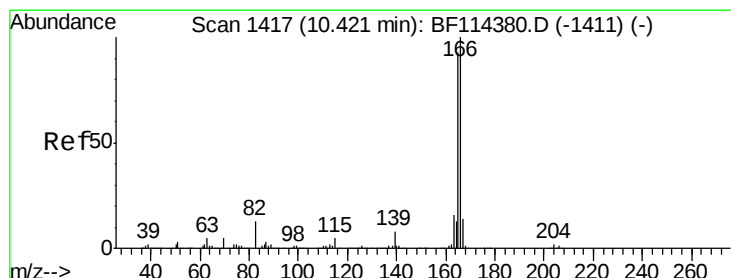
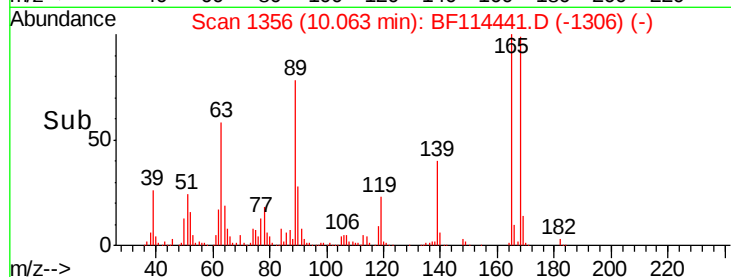
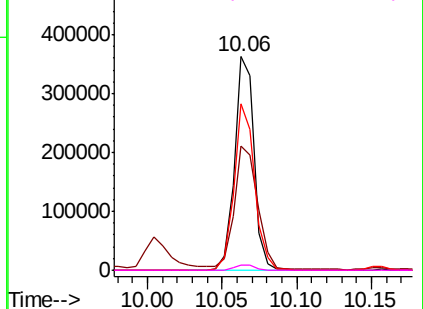


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.340 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

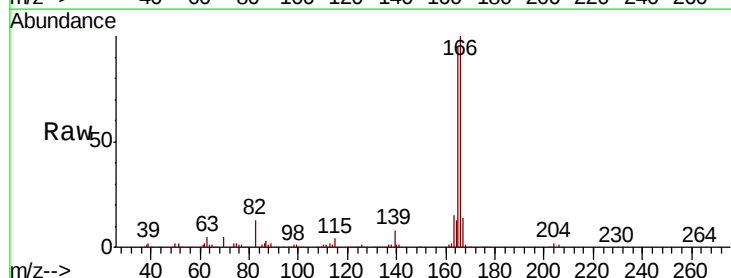
Tgt Ion:166 Resp: 1106637

Ion Ratio Lower Upper

166 100

165 94.6 76.1 114.1

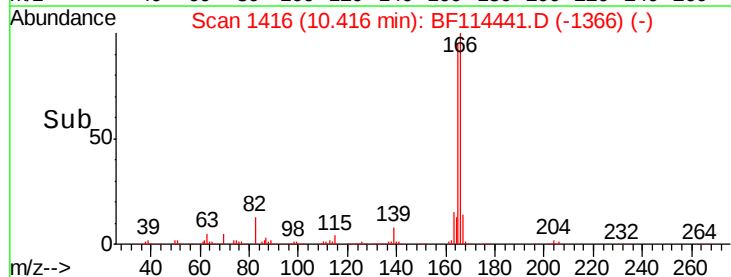
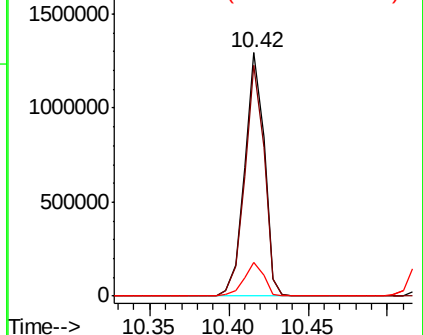
167 13.6 11.1 16.7

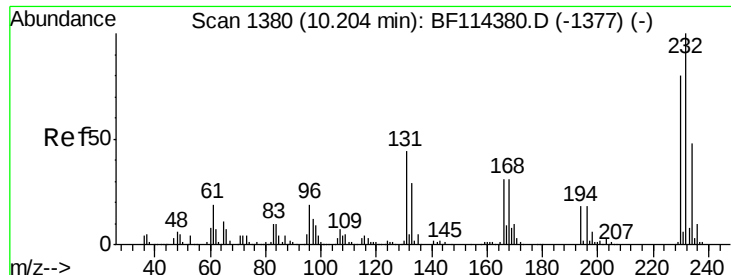


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

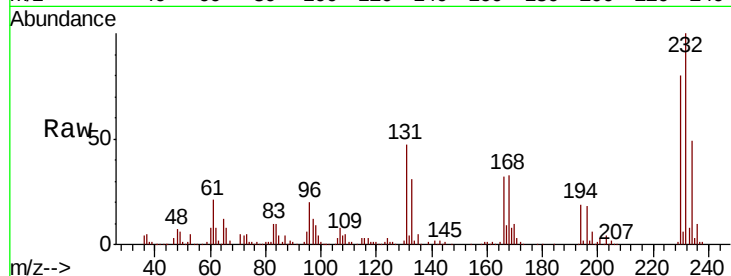




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.966 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	35.6	53.4
130	2.2	1.6	2.4
166	30.0	24.1	36.1



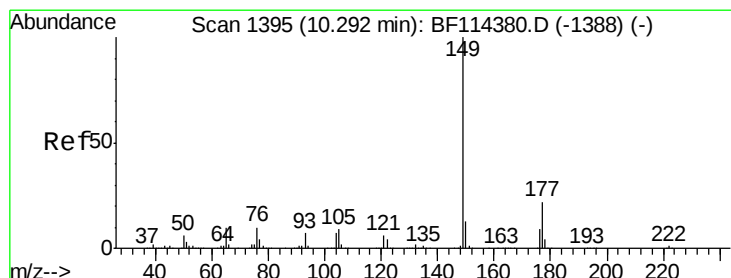
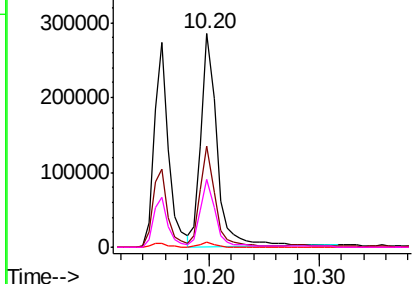
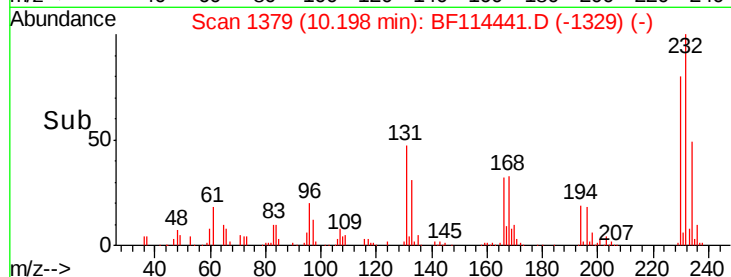
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

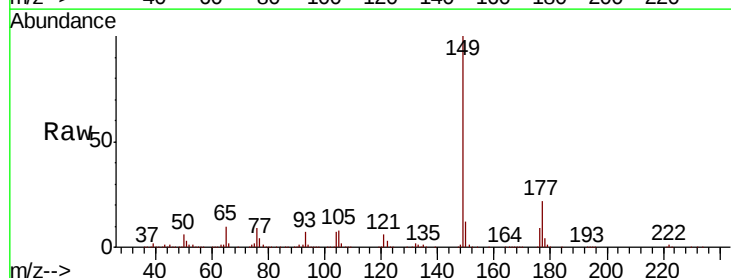
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.080 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.6
150	12.2	10.2	15.2

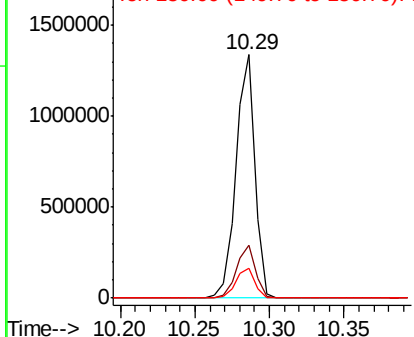
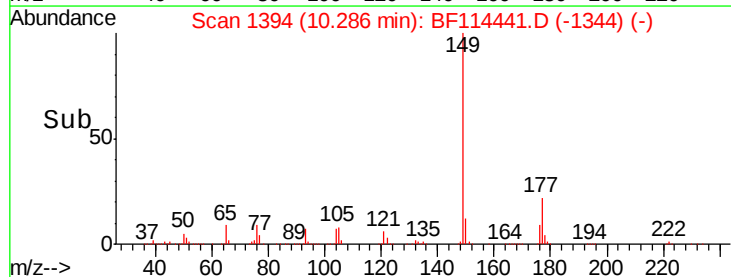


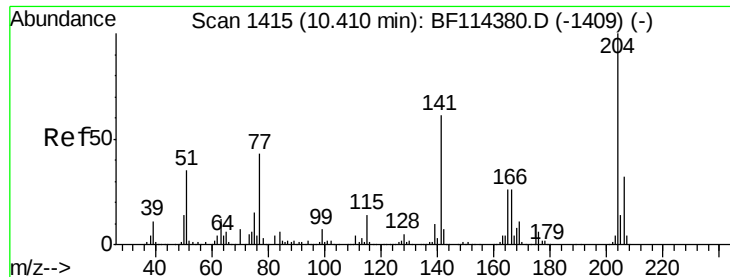
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

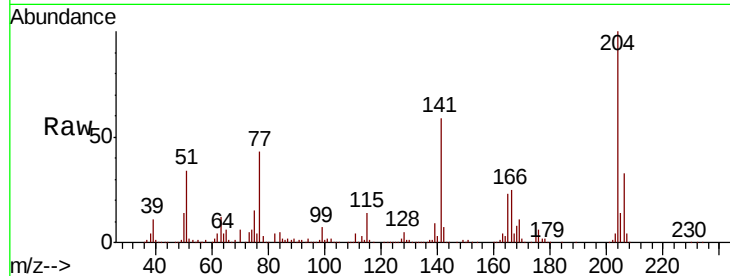




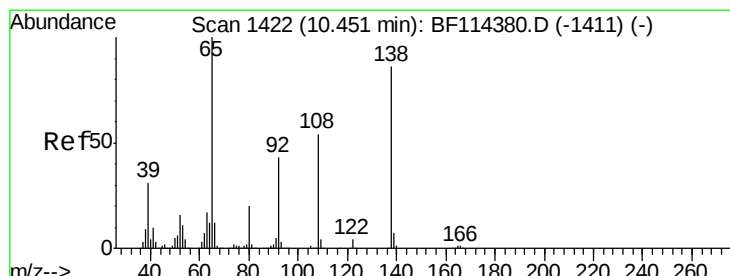
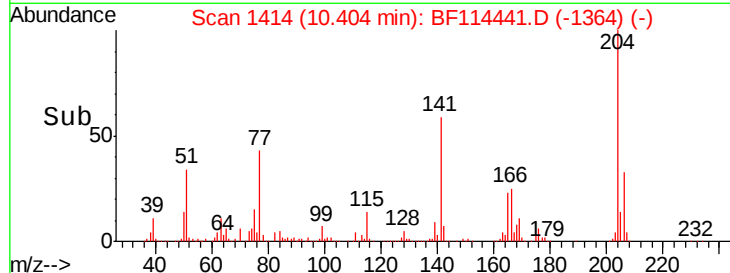
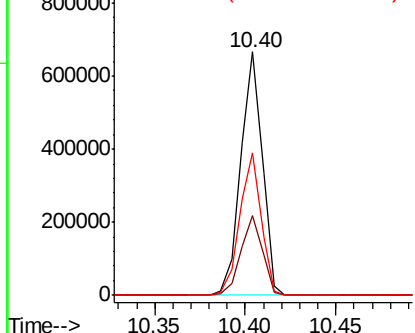
#61
4-Chlorophenyl-phenylether
Concen: 40.889 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 550917
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 58.5 46.4 69.6

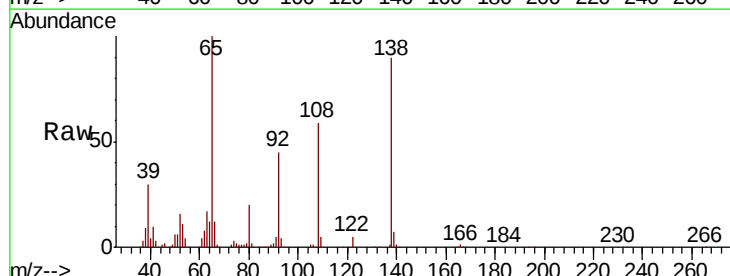


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

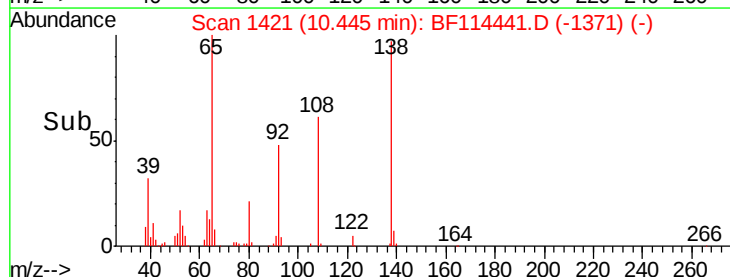
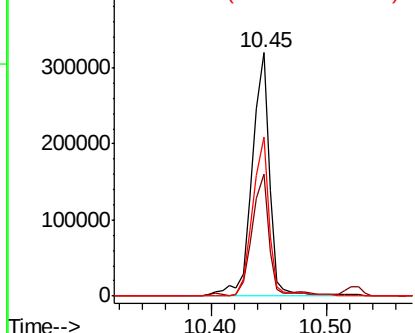


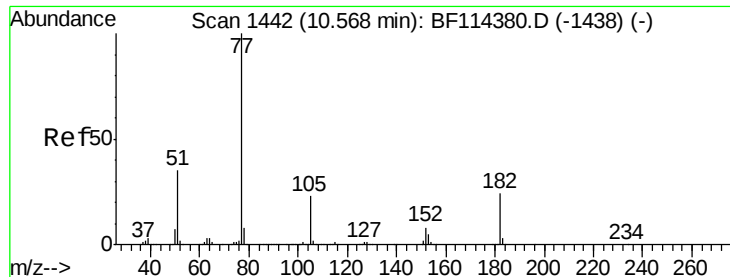
#62
4-Nitroaniline
Concen: 39.803 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:138 Resp: 337425
Ion Ratio Lower Upper
138 100
92 49.9 33.0 73.0
108 65.6 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.716 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

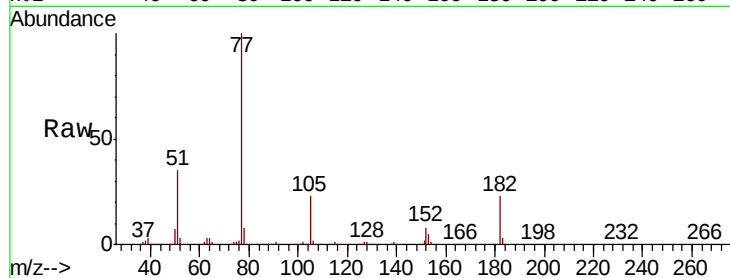
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1144523

Ion	Ratio	Lower	Upper
77	100		
182	23.0	4.7	44.7
105	22.7	2.9	42.9
51	35.1	14.6	54.6

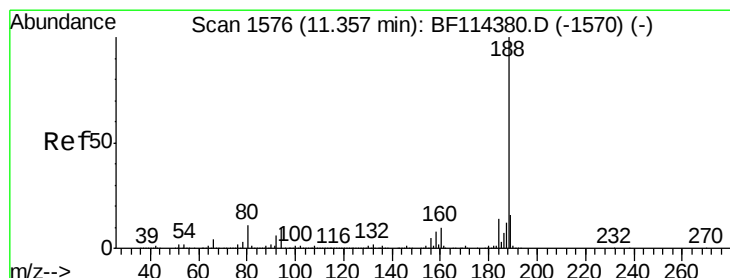
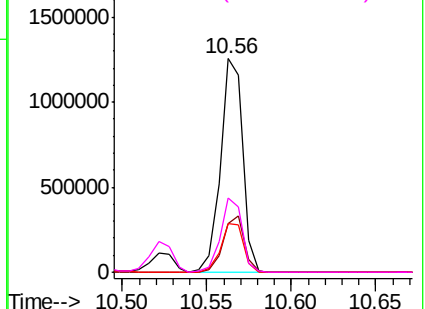
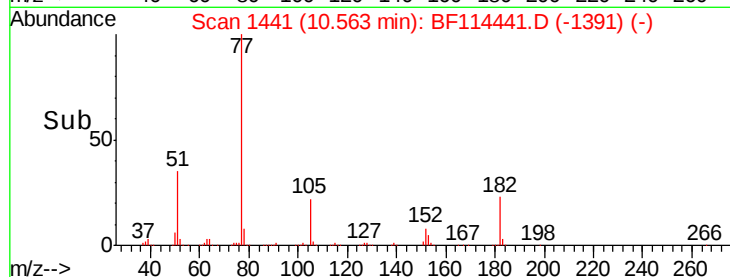


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

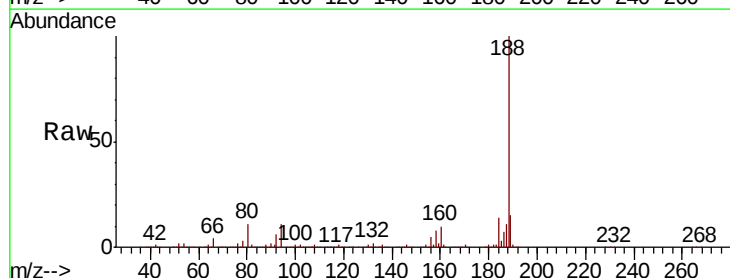
Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Tgt Ion: 188 Resp: 784897

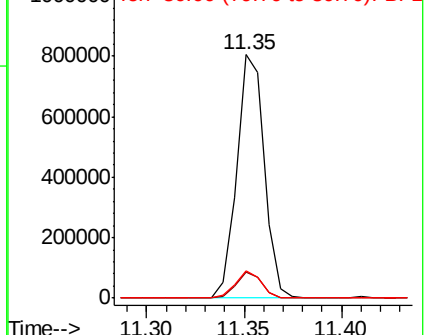
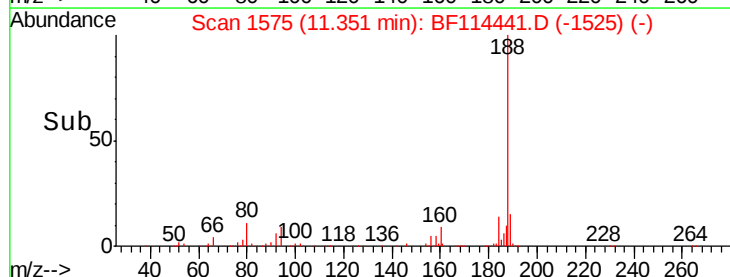
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.0	9.2	13.8

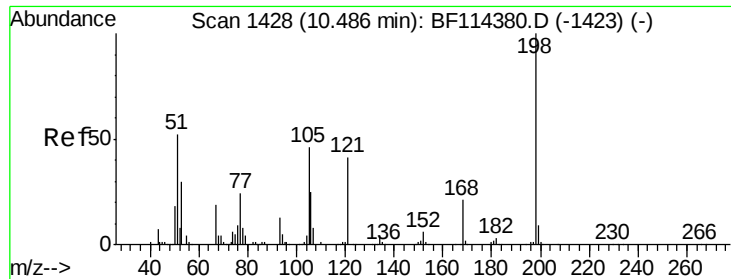


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

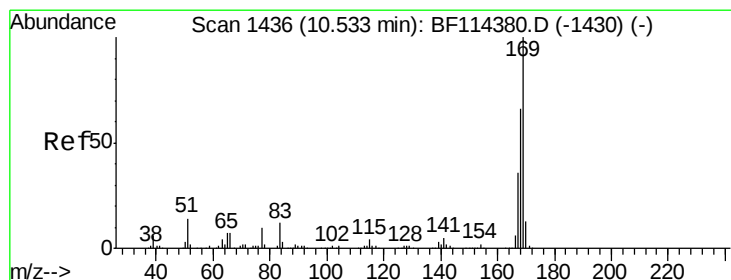
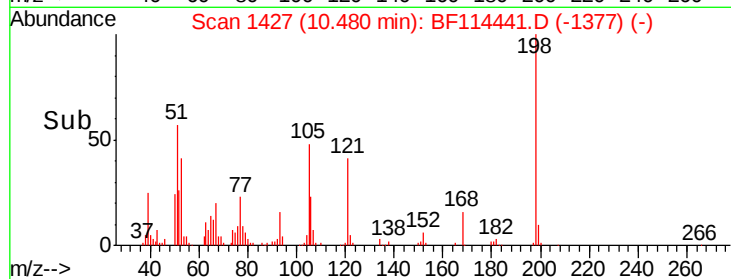
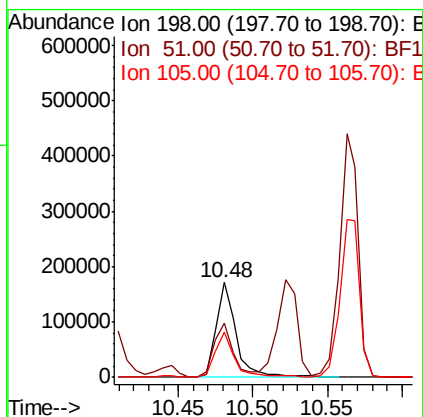
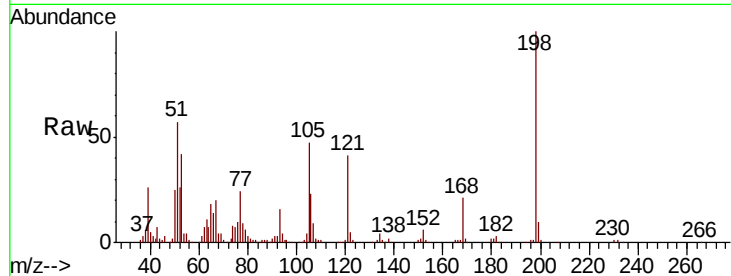




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.066 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

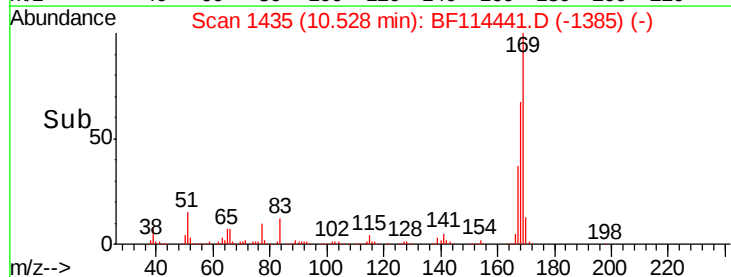
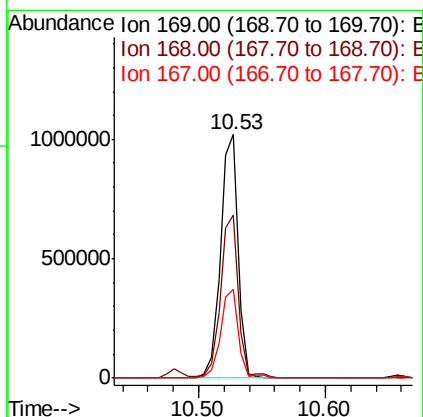
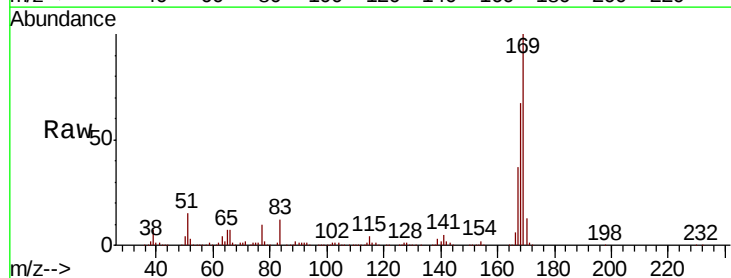
Instrument :
 BNA_F
 ClientSampled :

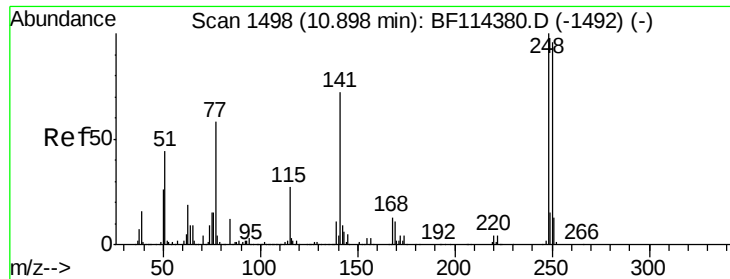
Tot Ion	Ratio	Lower	Upper
198	100		
51	57.2	28.0	68.0
105	47.5	21.1	61.1



#66
 n-Nitrosodiphenylamine
 Concen: 41.301 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.2	81.2
167	36.6	29.8	44.8

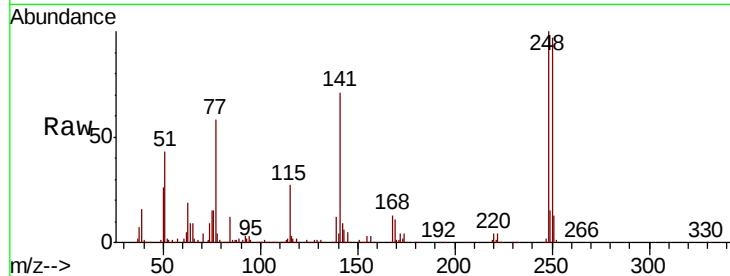




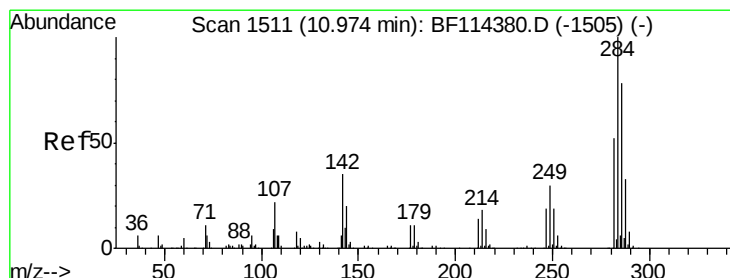
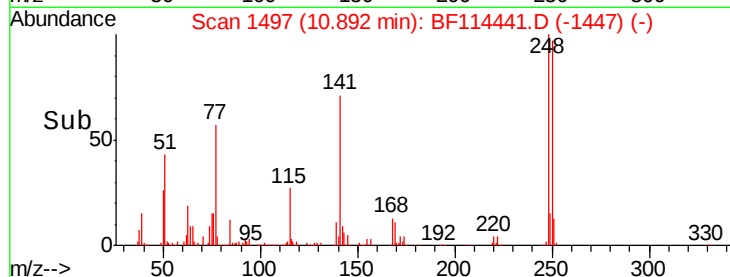
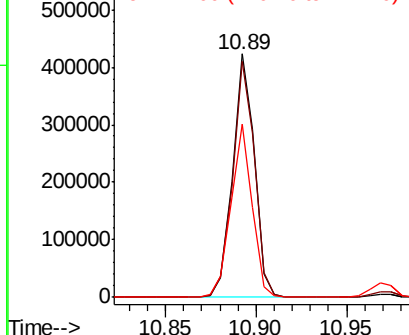
#67
4-Bromophenyl-phenylether
Concen: 40.972 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 354081
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 70.9 55.6 83.4

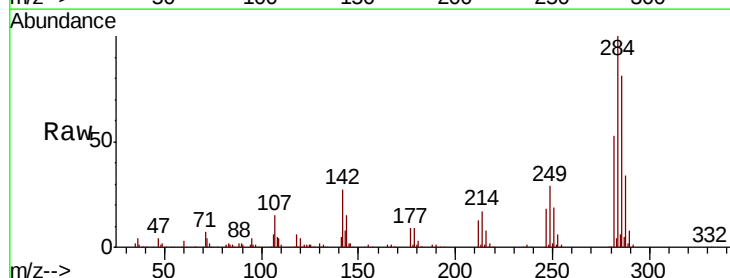


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

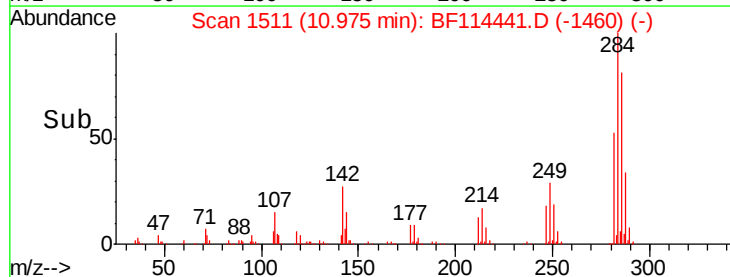
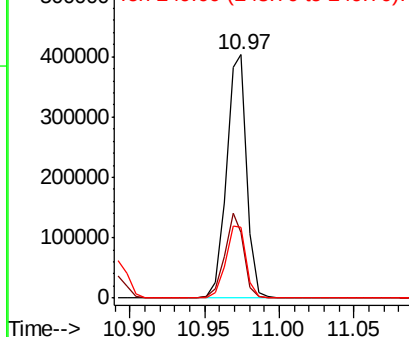


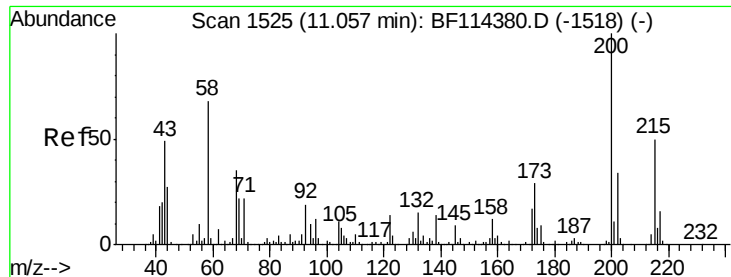
#68
Hexachlorobenzene
Concen: 40.334 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:284 Resp: 385607
Ion Ratio Lower Upper
284 100
142 27.0 28.4 42.6#
249 29.3 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

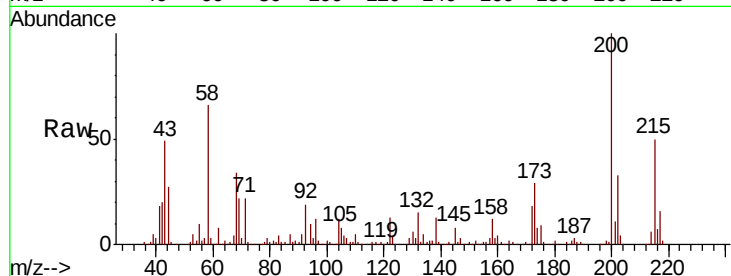




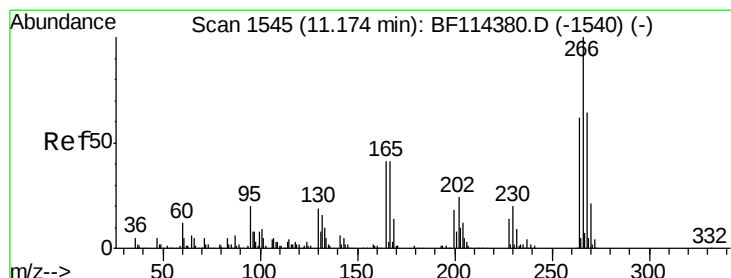
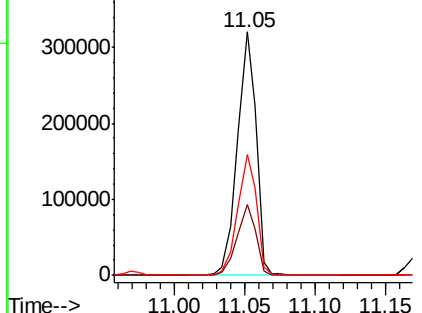
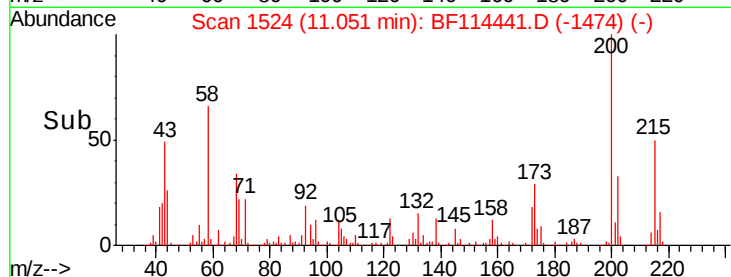
#69
Atrazine
Concen: 40.021 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 296685
Ion Ratio Lower Upper
200 100
173 29.2 8.9 48.9
215 49.9 30.7 70.7

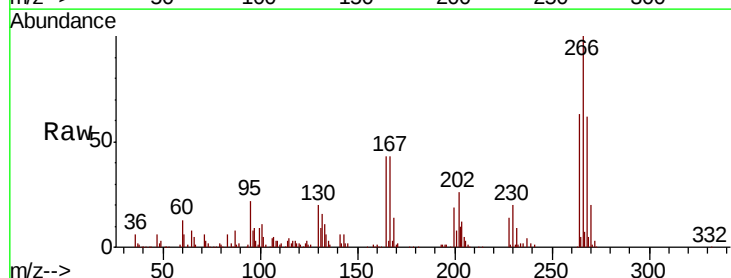


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

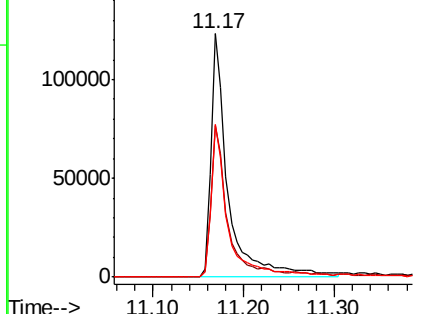
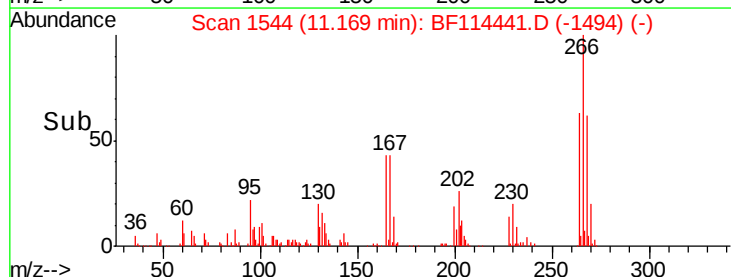


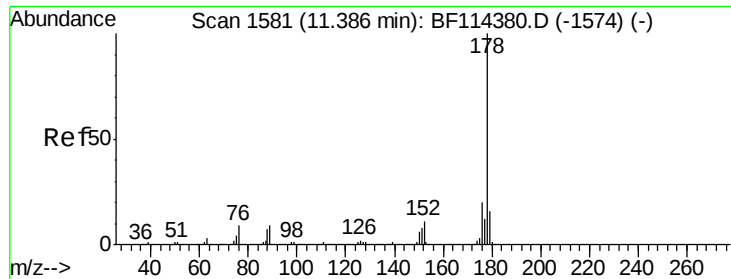
#70
Pentachlorophenol
Concen: 36.435 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:266 Resp: 165124
Ion Ratio Lower Upper
266 100
268 62.2 51.1 76.7
264 63.0 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

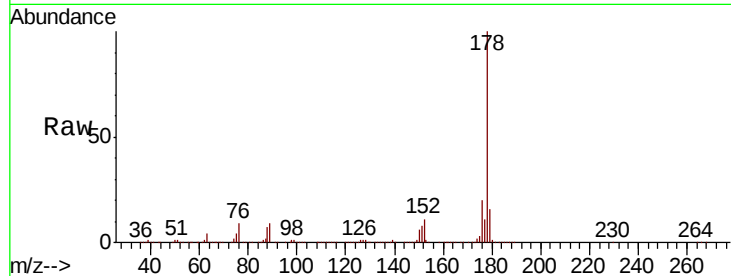




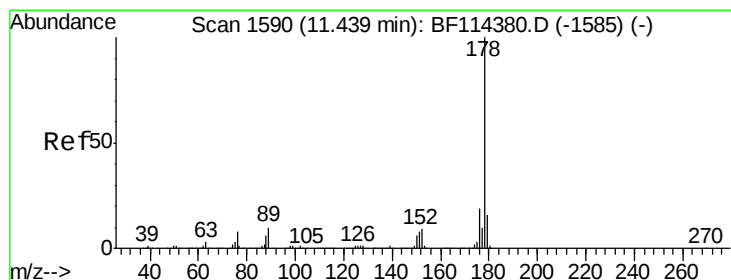
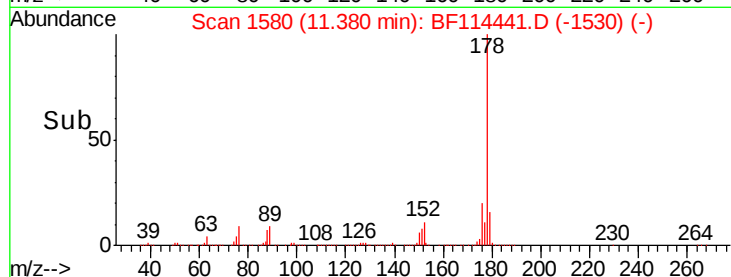
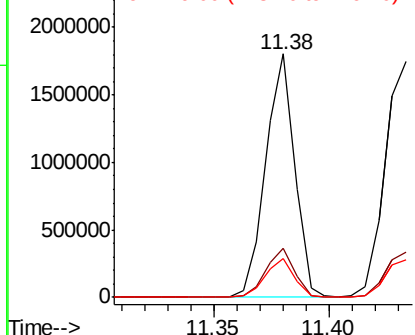
#71
Phenanthrene
Concen: 41.253 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1575292
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.0 13.2 19.8

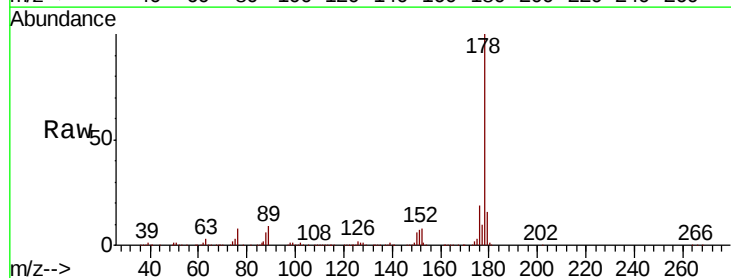


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

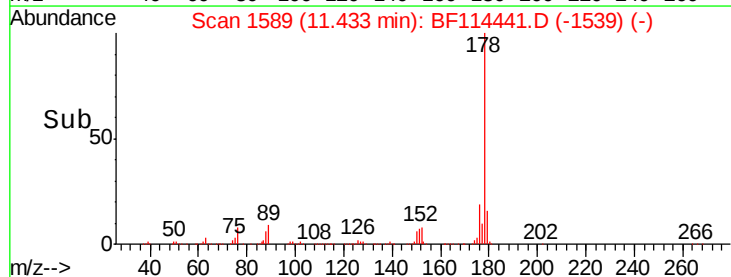
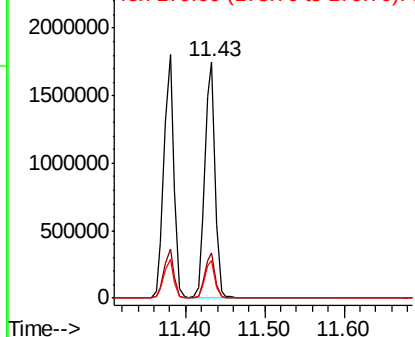


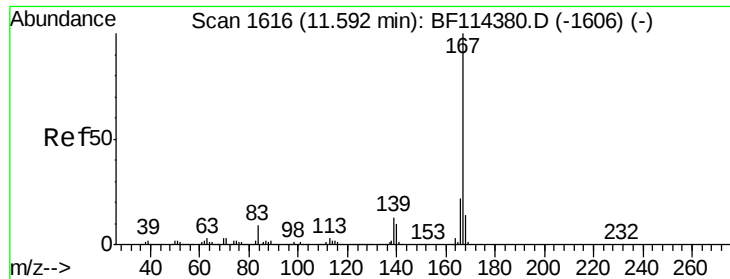
#72
Anthracene
Concen: 41.954 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:178 Resp: 1609141
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

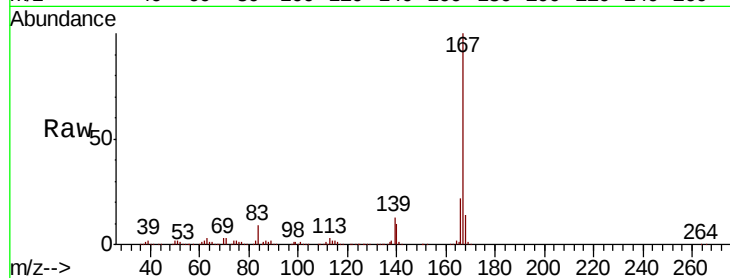




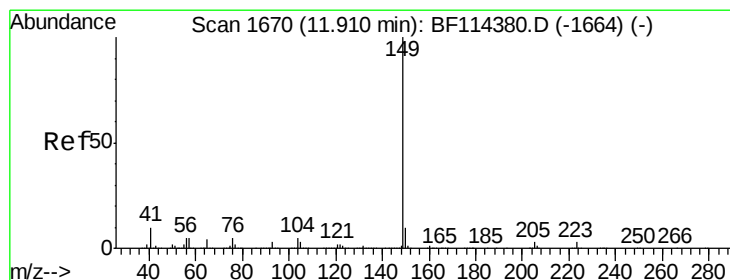
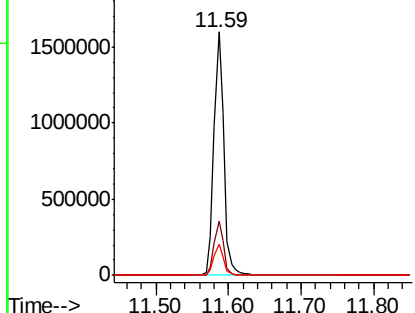
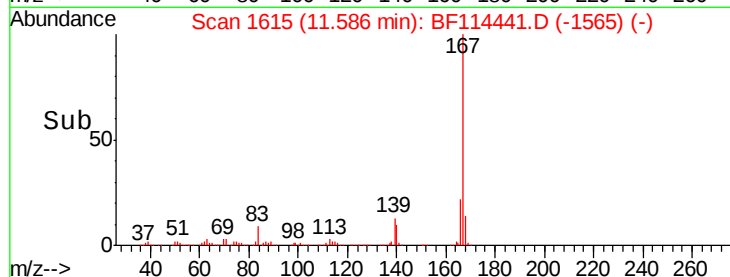
#73
 Carbazole
 Concen: 41.613 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1521978
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.9 10.6 16.0

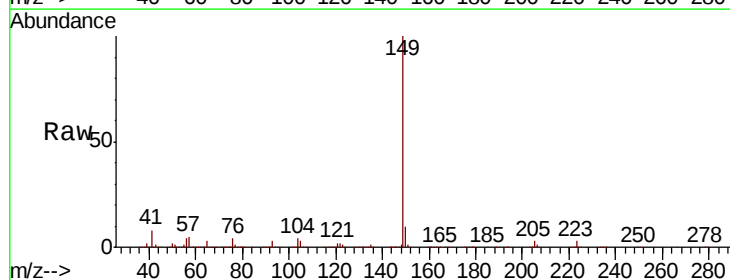


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

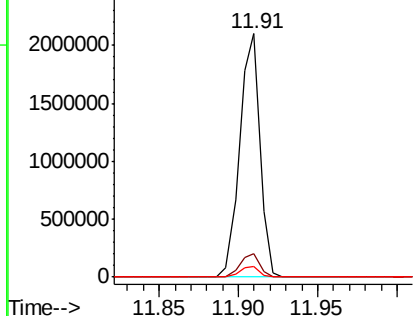
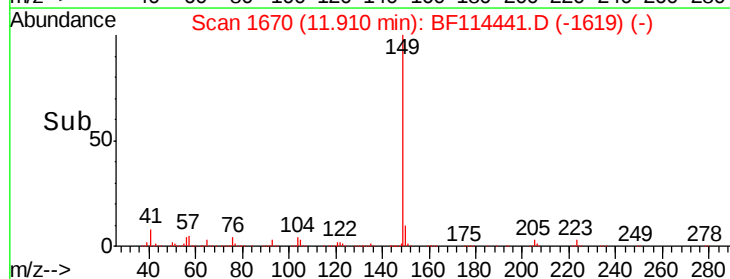


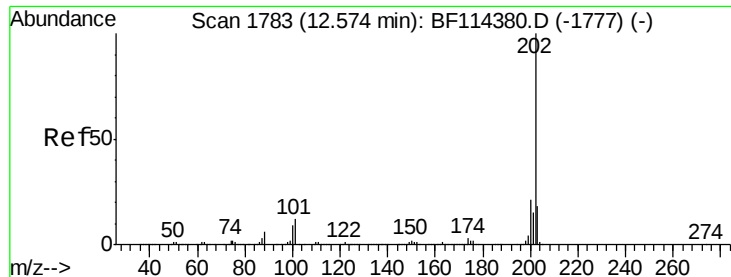
#74
 Di-n-butylphthalate
 Concen: 44.011 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion:149 Resp: 1854482
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.4 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.825 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampled :

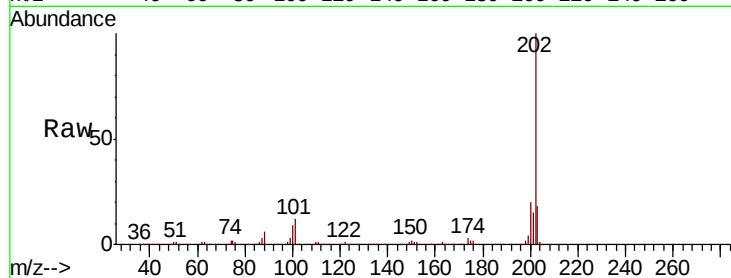
Tot Ion:202 Resp: 1678796

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.0

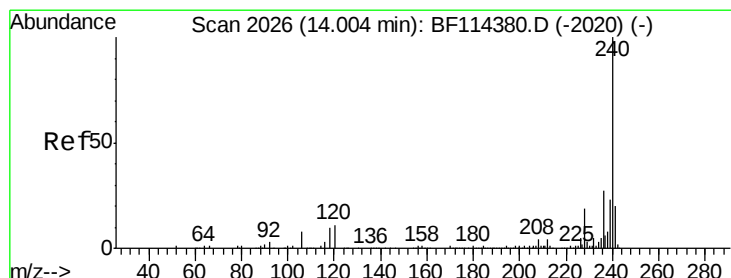
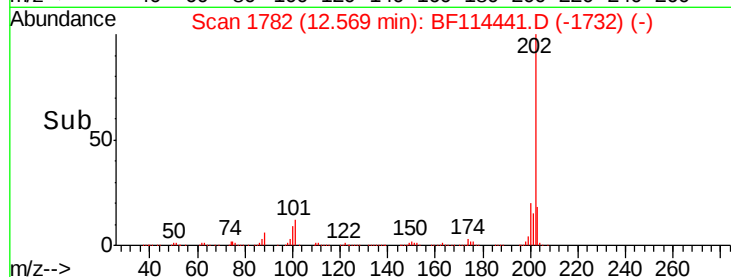
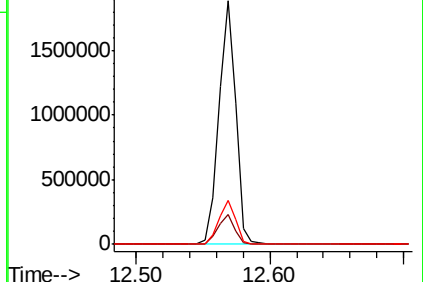
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

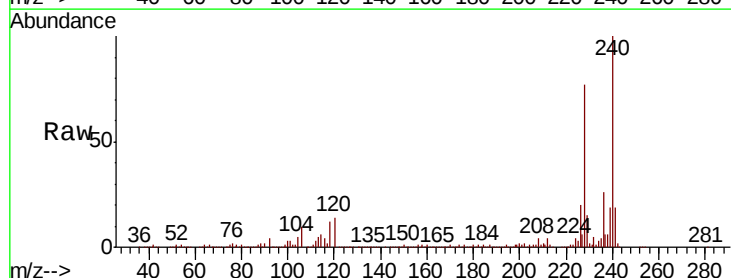
Tgt Ion:240 Resp: 519189

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

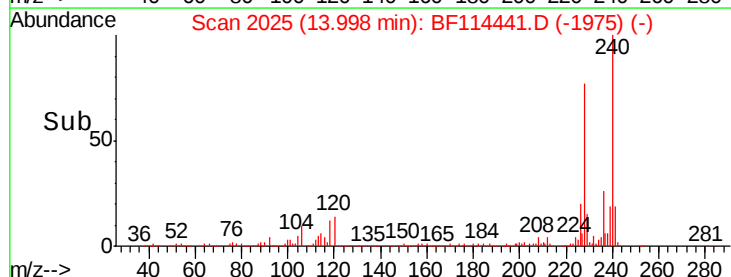
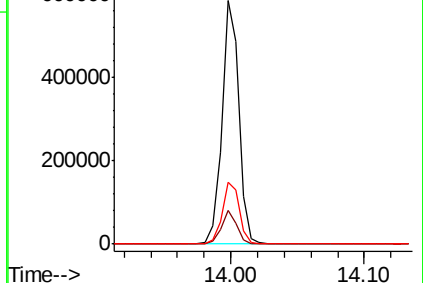
236 25.6 20.8 31.2

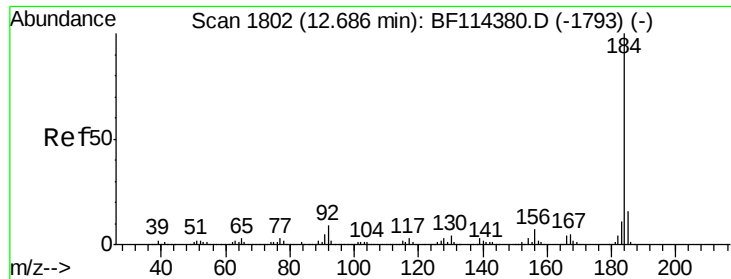


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.318 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

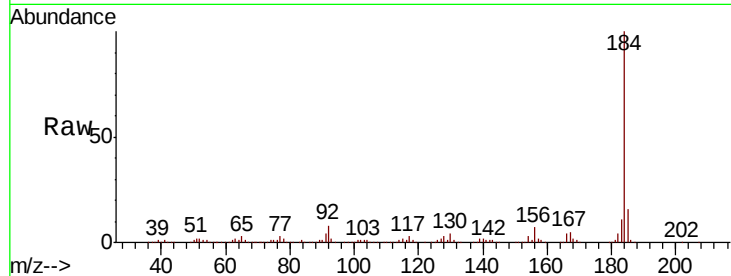
Tot Ion:184 Resp: 823102

Ion Ratio Lower Upper

184 100

185 15.8 13.6 20.4

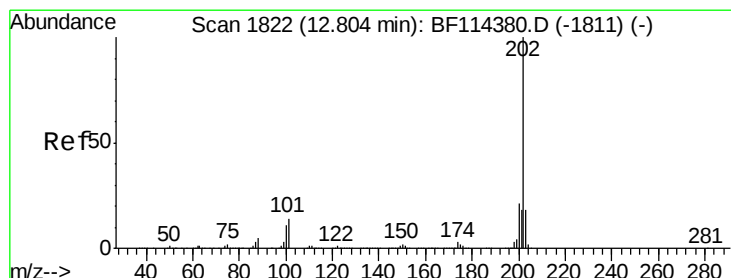
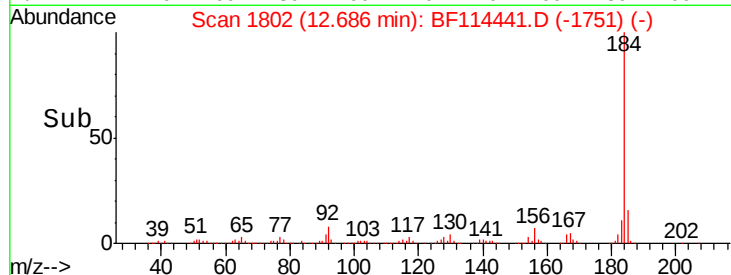
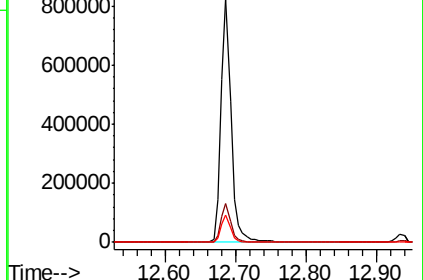
183 11.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.708 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

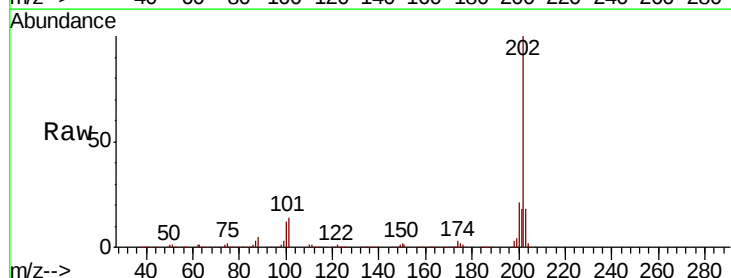
Tgt Ion:202 Resp: 1700232

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

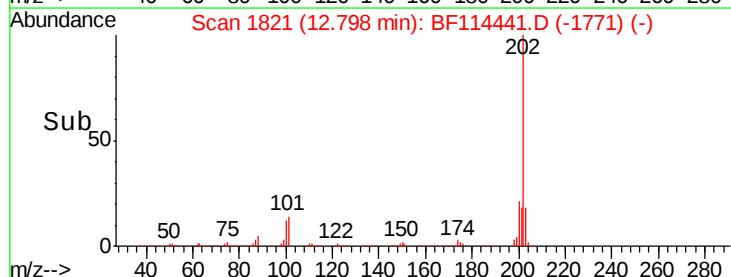
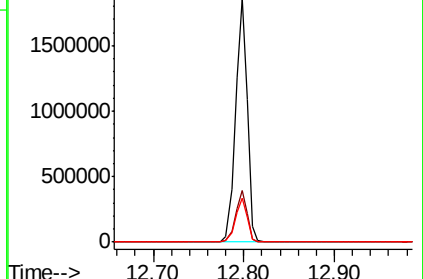
203 18.2 14.5 21.7

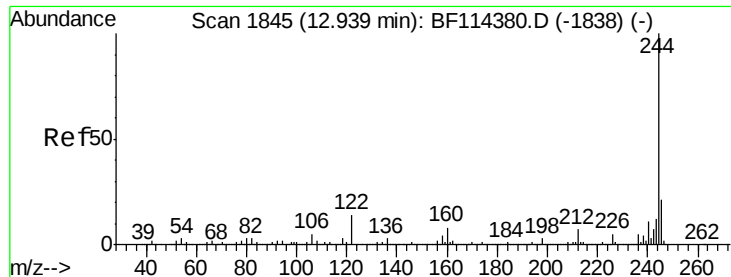


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

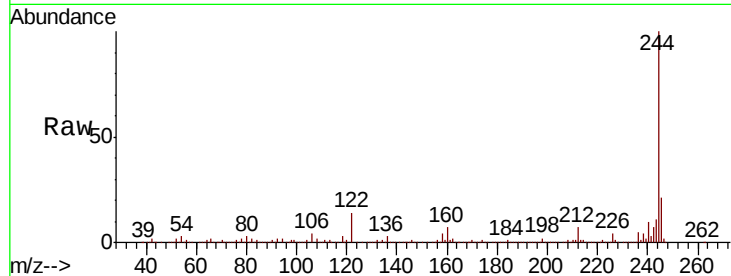




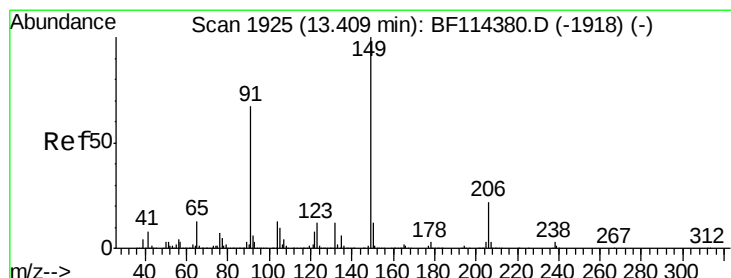
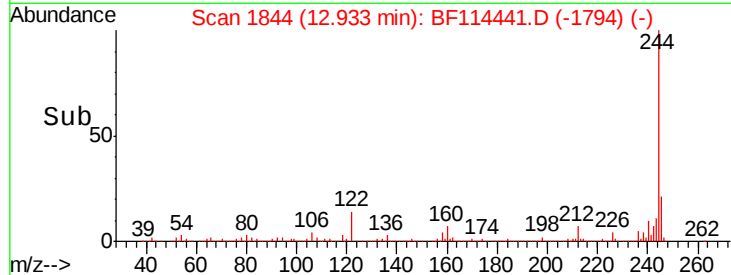
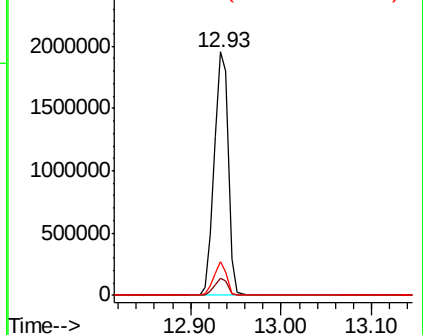
#79
 Terphenyl-d14
 Concen: 83.150 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2094191
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.7 9.4 14.2

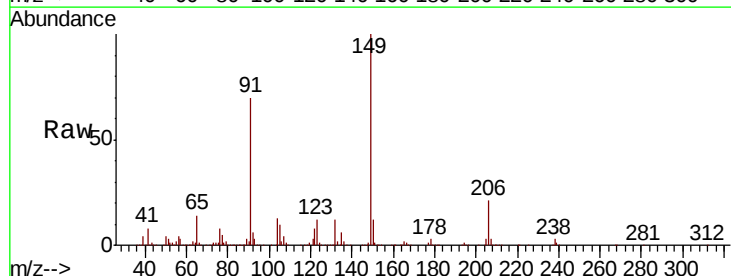


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

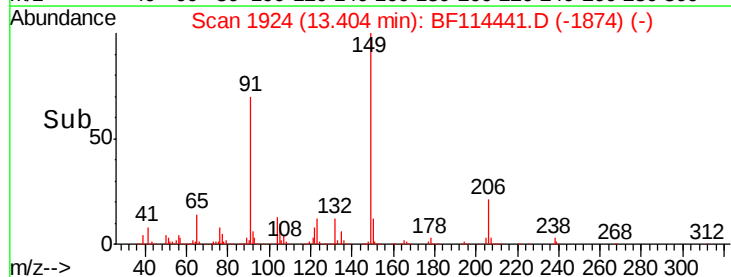
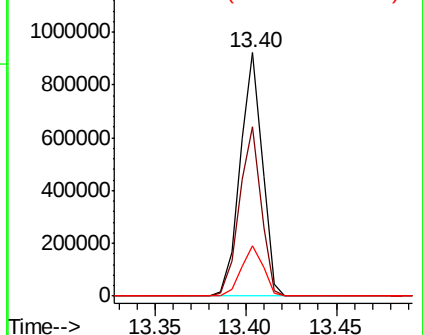


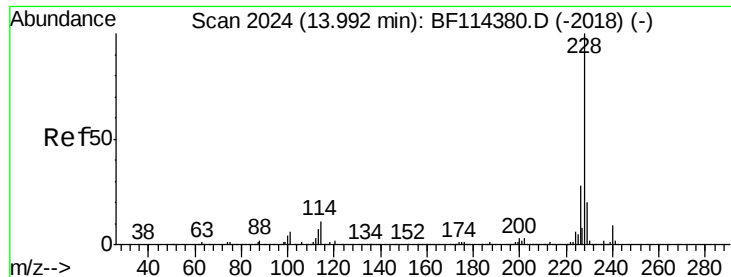
#80
 Butylbenzylphthalate
 Concen: 44.247 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114441.D
 Acq: 20 May 2019 16:23

Tgt Ion:149 Resp: 777846
 Ion Ratio Lower Upper
 149 100
 91 69.6 55.0 82.4
 206 20.6 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.753 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

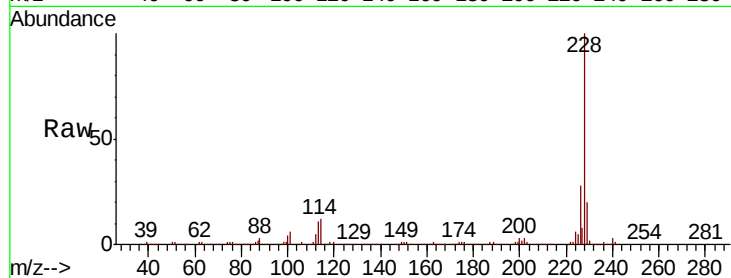
Tot Ion:228 Resp: 1435689

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

229 19.8 16.4 24.6

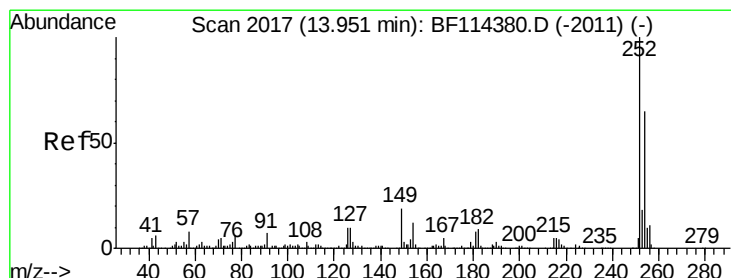
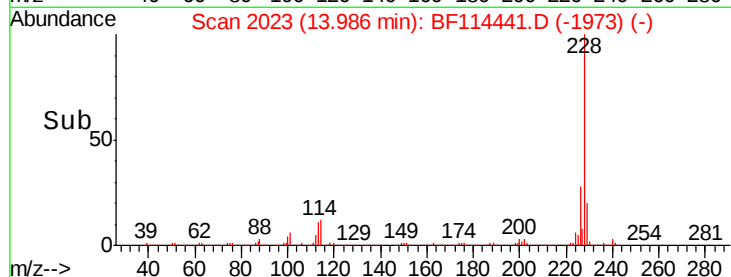
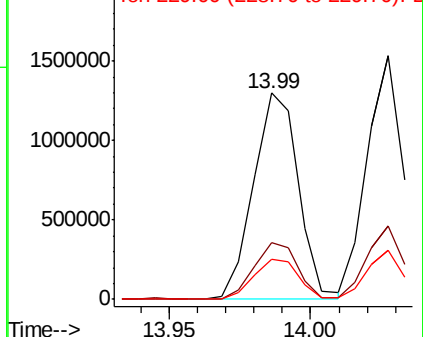


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.065 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

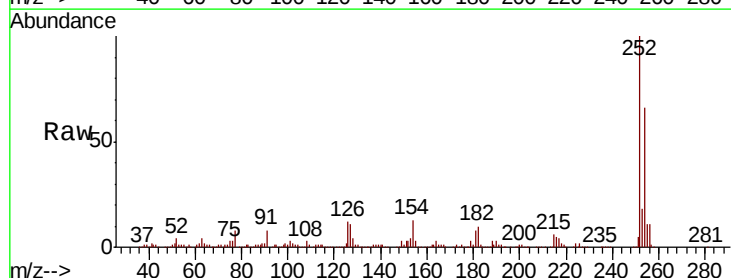
Tgt Ion:252 Resp: 534956

Ion Ratio Lower Upper

252 100

254 66.3 51.9 77.9

126 11.8 7.9 11.9

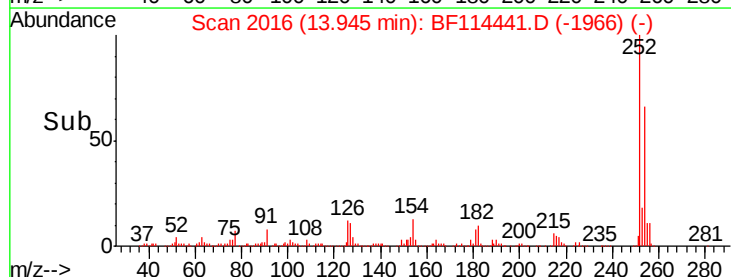
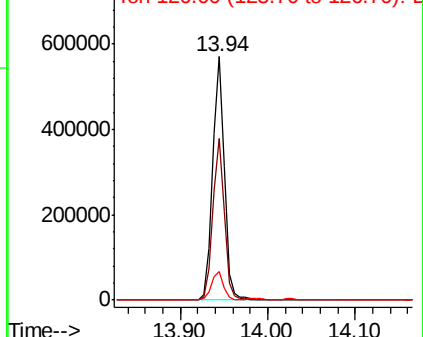


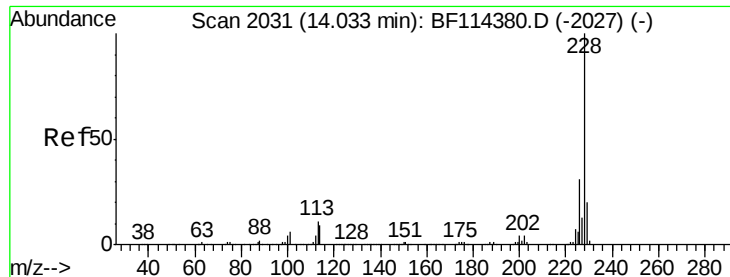
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.035 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

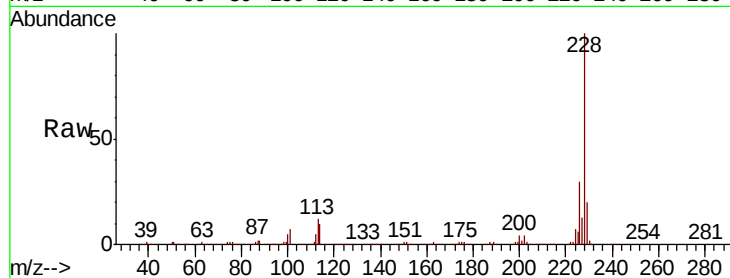
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1350816

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.2	17.0	25.6

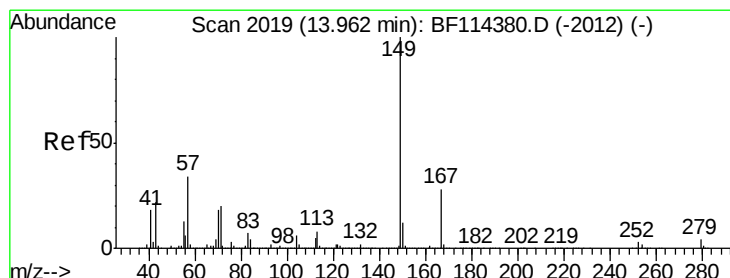
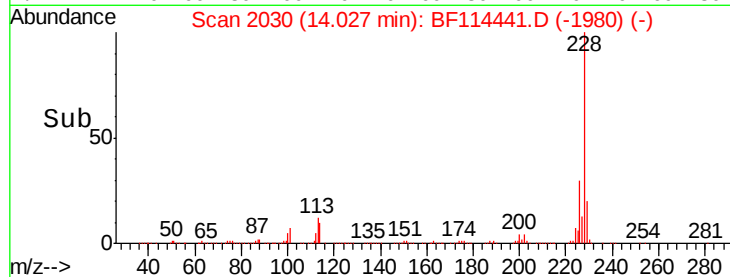
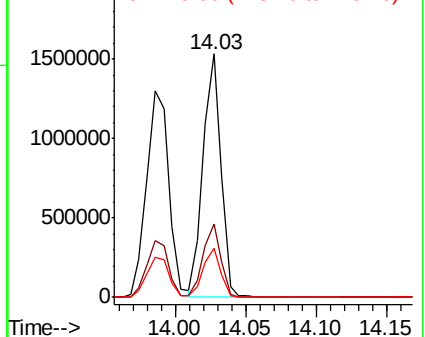


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.086 ng

RT: 13.96 min Scan# 2019

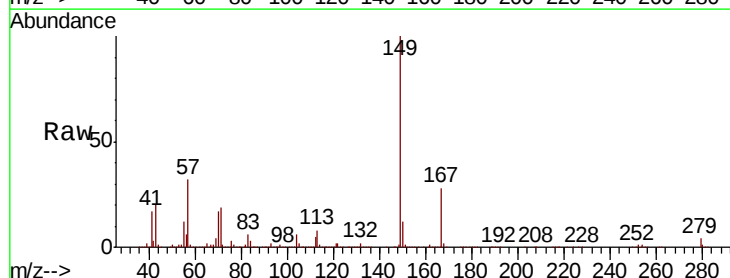
Delta R.T. 0.00 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Tgt Ion:149 Resp: 1036631

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	33.8
279	4.0	3.0	4.6

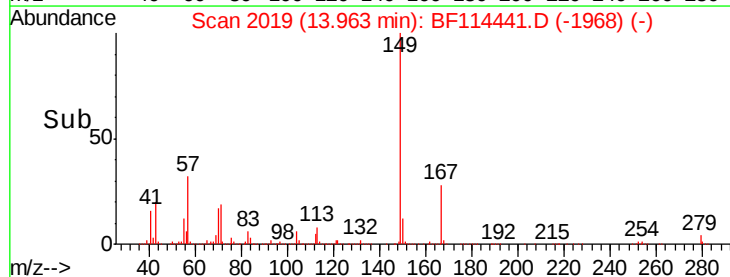
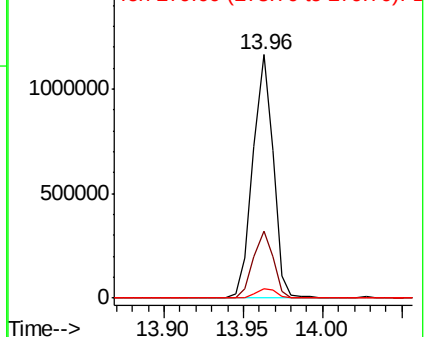


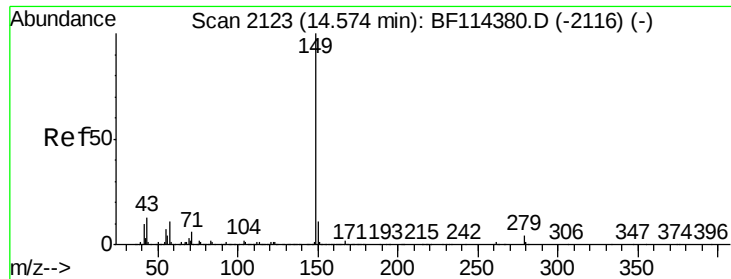
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.492 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

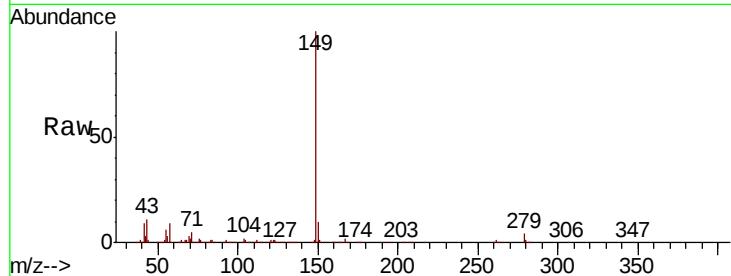
Tot Ion:149 Resp: 1583737

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

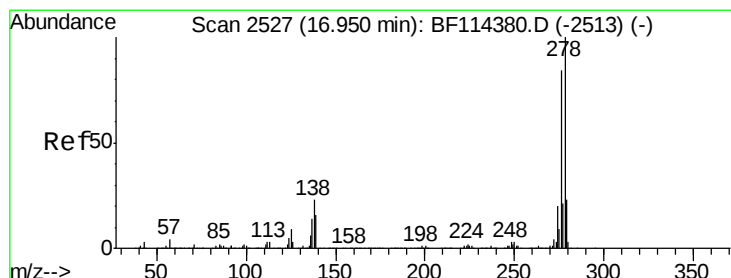
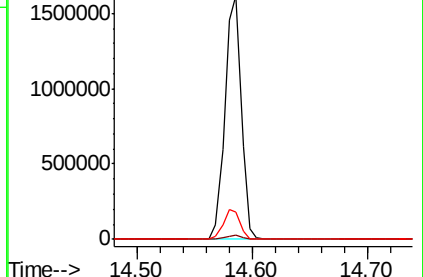
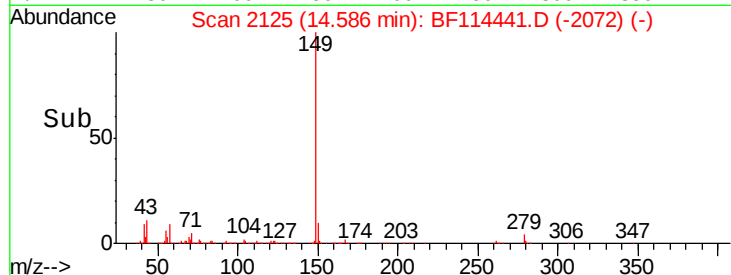
43 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.056 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

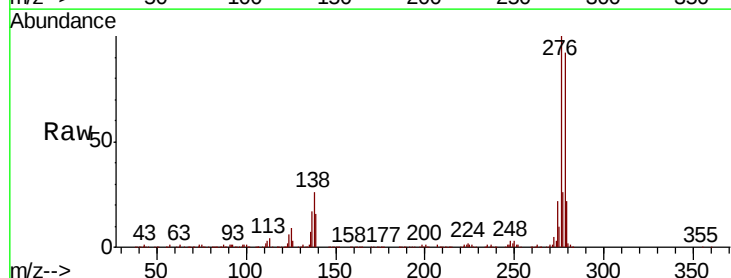
Tgt Ion:276 Resp: 1194451

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

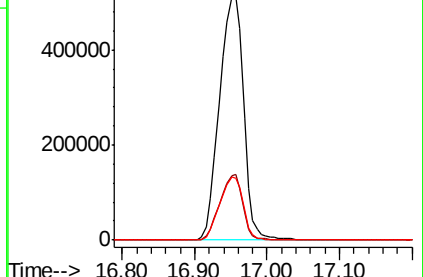
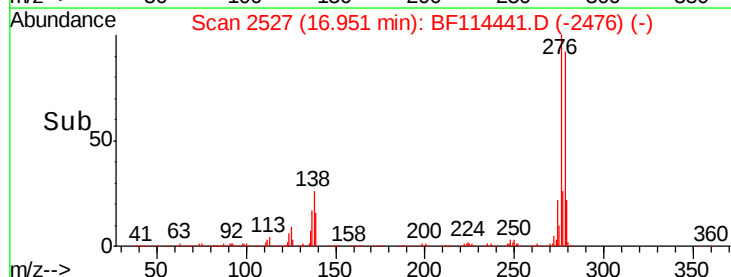
277 25.1 20.0 30.0

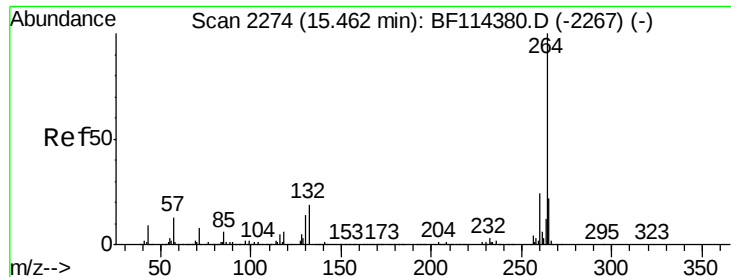


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

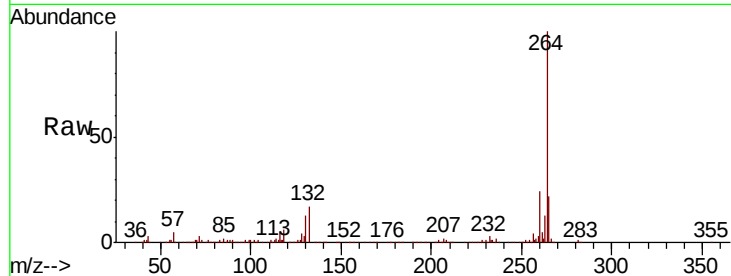
Tot Ion:264 Resp: 489537

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.4 16.9 25.3

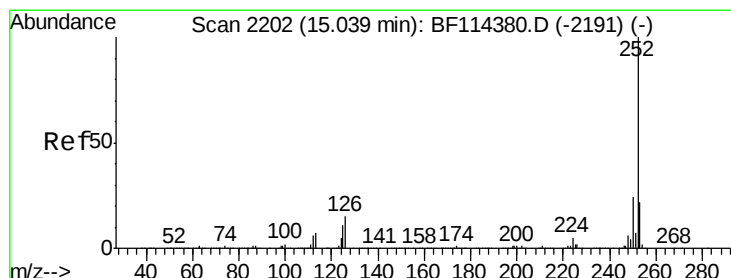
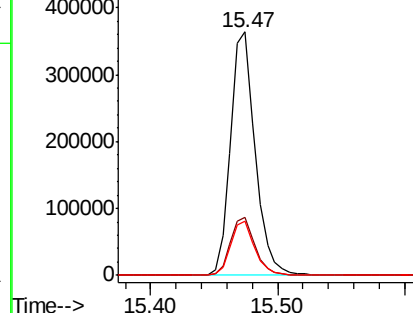
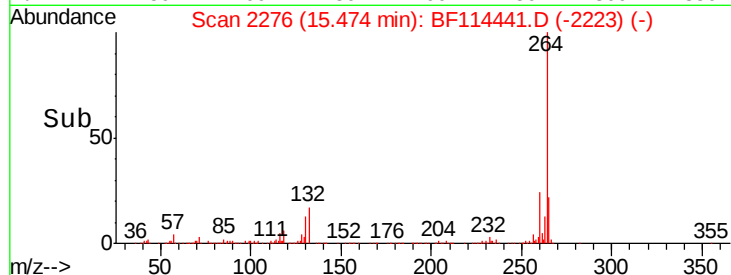


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.898 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

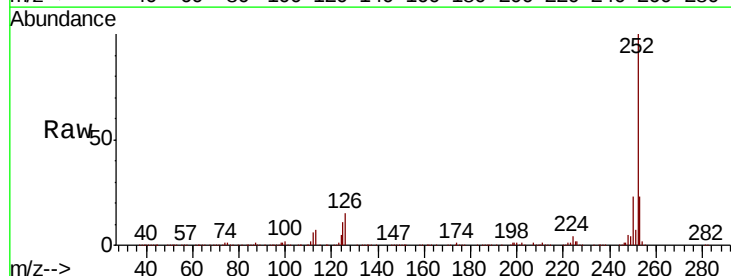
Tgt Ion:252 Resp: 1282664

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.2 8.3 12.5

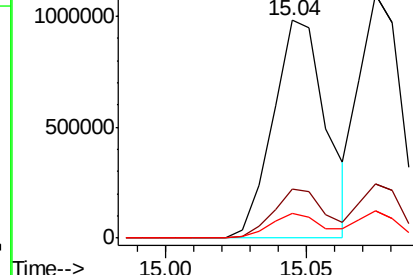
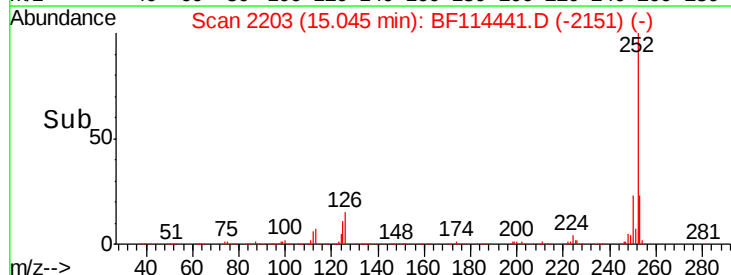


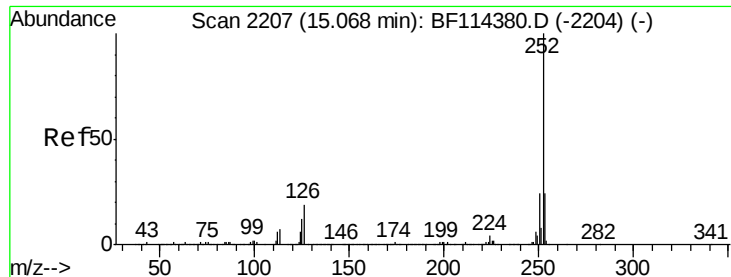
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

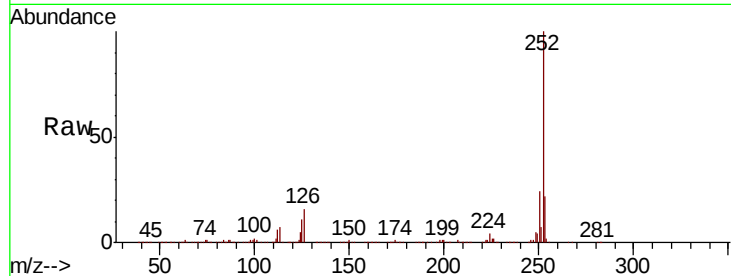




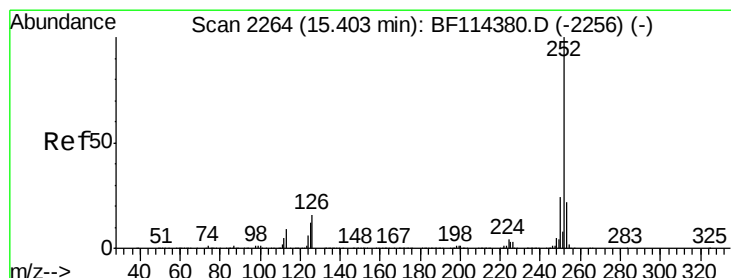
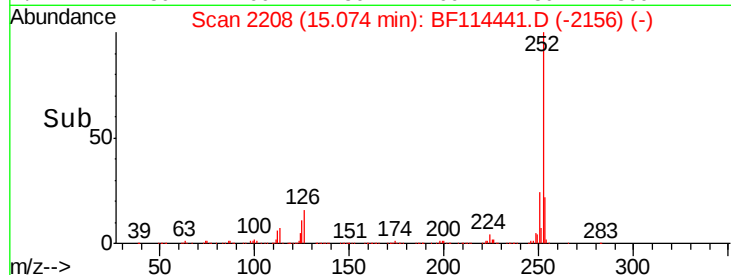
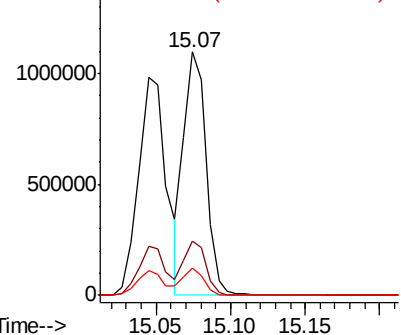
#89
Benzo(k)fluoranthene
Concen: 39.210 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1129620
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.4 8.6 13.0

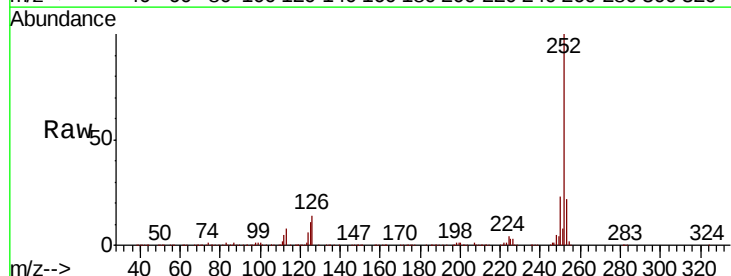


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

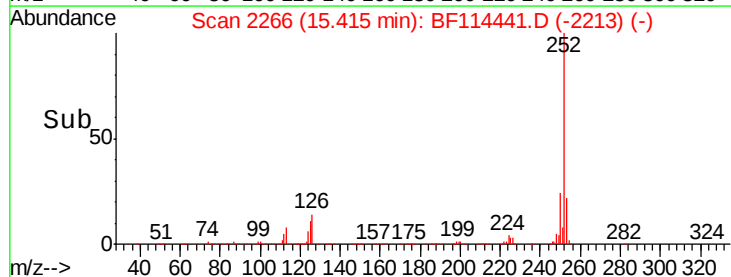
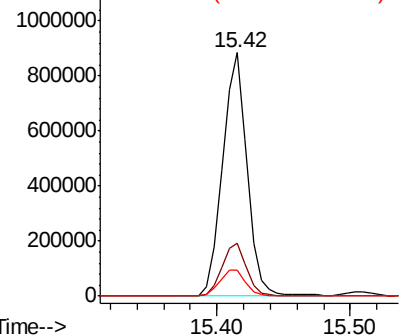


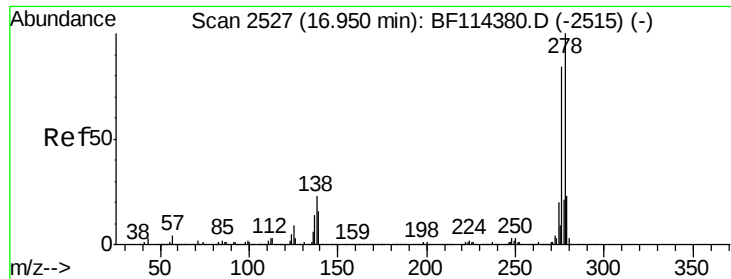
#90
Benzo(a)pyrene
Concen: 40.827 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF114441.D
Acq: 20 May 2019 16:23

Tgt Ion:252 Resp: 1126877
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.8 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.013 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

Instrument :

BNA_F

ClientSampleId :

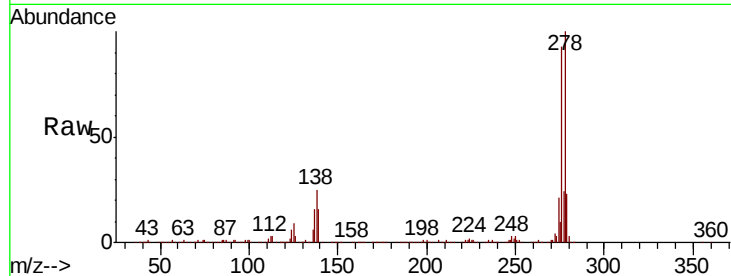
Tot Ion:278 Resp: 986523

Ion Ratio Lower Upper

278 100

139 16.3 13.5 20.3

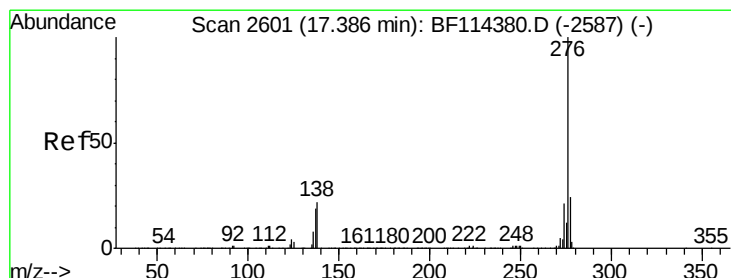
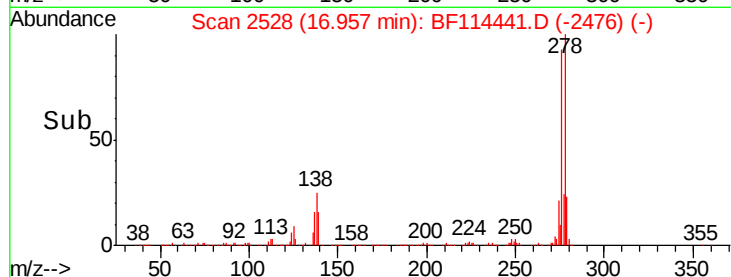
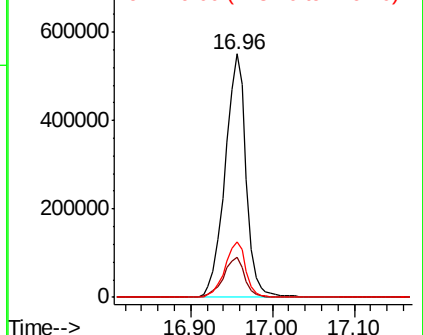
279 22.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.126 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF114441.D

Acq: 20 May 2019 16:23

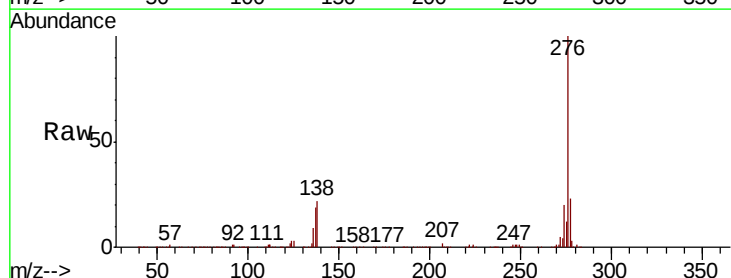
Tgt Ion:276 Resp: 991258

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

138 22.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

