

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114608.D
 Acq On : 25 May 2019 17:12
 Operator : JU/SJ
 Sample : PB119859BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:43:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162460	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	622067	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	302890	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	599705	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	406688	20.00	ng	-0.01
87) Perylene-d12	15.43	264	417803	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1268573	125.66	ng	0.00
7) Phenol-d6	6.46	99	1600789	134.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	989135	89.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	403327	128.80	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1806742	90.23	ng	-0.01
79) Terphenyl-d14	12.91	244	1805029	91.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	239843	43.223	ng	99
3) Pyridine	3.35	79	473714	30.985	ng	98
4) n-Nitrosodimethylamine	3.30	42	254798	34.560	ng	99
6) Aniline	6.47	93	506111	29.344	ng	# 37
8) 2-Chlorophenol	6.59	128	467460	43.374	ng	96
9) Benzaldehyde	6.35	77	226442	27.090	ng	97
10) Phenol	6.47	94	565884	40.288	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	445057	41.737	ng	98
12) 1,3-Dichlorobenzene	6.74	146	494479	40.874	ng	98
13) 1,4-Dichlorobenzene	6.82	146	505449	41.463	ng	98
14) 1,2-Dichlorobenzene	6.97	146	463949	41.657	ng	98
15) Benzyl Alcohol	6.95	79	368194	39.538	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	802674	38.822	ng	57
17) 2-Methylphenol	7.07	107	369380	41.723	ng	# 91
18) Hexachloroethane	7.31	117	184743	40.374	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	319067	42.159	ng	98
20) 3+4-Methylphenols	7.22	107	483982	47.316	ng	# 72
22) Acetophenone	7.21	105	629984	45.715	ng	# 89
24) Nitrobenzene	7.39	77	493307	43.695	ng	97
25) Isophorone	7.63	82	913704	44.446	ng	99
26) 2-Nitrophenol	7.70	139	253114	46.211	ng	98
27) 2,4-Dimethylphenol	7.75	122	419879	48.808	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	573691	43.010	ng	99
29) 2,4-Dichlorophenol	7.95	162	393715	45.962	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	419486	43.065	ng	98
31) Naphthalene	8.10	128	1331231	45.813	ng	99
32) Benzoic acid	7.90	122	229345	38.941	ng	99
33) 4-Chloroaniline	8.16	127	420721	31.773	ng	98
34) Hexachlorobutadiene	8.22	225	234186	42.253	ng	99
35) Caprolactam	8.53	113	65447	23.431	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	412850	47.880	ng	99
37) 2-Methylnaphthalene	8.80	142	900882	48.053	ng	97
38) 1-Methylnaphthalene	8.90	142	850242	48.158	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	413602	45.078	ng	99

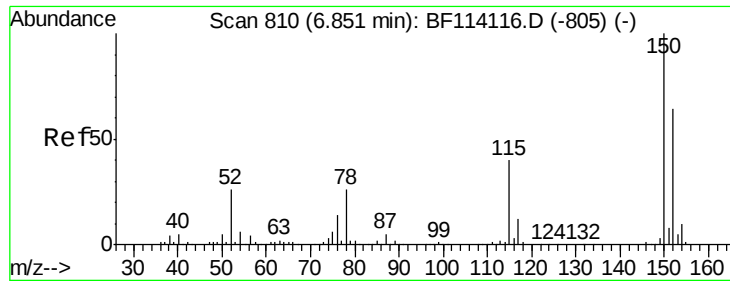
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	201825	48.987	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	261163	41.382	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	265424	41.010	nq	96
46) 1,1'-Biphenyl	9.26	154	1111671	45.431	nq	97
47) 2-Chloronaphthalene	9.29	162	844541	42.886	nq	99
48) 2-Nitroaniline	9.39	65	282626	40.468	nq	92
49) Acenaphthylene	9.70	152	1331877	44.468	nq	98
50) Dimethylphthalate	9.56	163	974224	43.815	nq	100
51) 2,6-Dinitrotoluene	9.63	165	215930	43.784	nq	87
52) Acenaphthene	9.87	154	783762	42.643	nq	98
53) 3-Nitroaniline	9.80	138	188658	30.817	nq	99
54) 2,4-Dinitrophenol	9.93	184	185357	75.189	nq	94
55) Dibenzofuran	10.05	168	1129250	41.900	nq	100
56) 4-Nitrophenol	9.99	139	209399	48.367	nq	99
57) 2,4-Dinitrotoluene	10.05	165	262223	39.174	nq	# 79
58) Fluorene	10.39	166	943859	45.340	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	225378	40.358	nq	98
60) Diethylphthalate	10.26	149	974348	43.128	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	452979	44.304	nq	96
62) 4-Nitroaniline	10.42	138	234183	36.403	nq	96
63) Azobenzene	10.54	77	929517	42.506	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	127870	44.374	nq	98
66) n-Nitrosodiphenylamine	10.50	169	836477	45.957	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	283653	42.958	nq	95
68) Hexachlorobenzene	10.95	284	304380	41.669	nq	95
69) Atrazine	11.03	200	243646	43.016	nq	99
70) Pentachlorophenol	11.15	266	203907	58.886	nq	99
71) Phenanthrene	11.35	178	1314379	45.049	nq	99
72) Anthracene	11.40	178	1355675	46.261	nq	99
73) Carbazole	11.56	167	1251942	44.800	nq	98
74) Di-n-butylphthalate	11.88	149	1498224	46.536	nq	100
75) Fluoranthene	12.54	202	1382370	43.998	nq	98
77) Benzidine	12.66	184	801336	43.895	nq	97
78) Pyrene	12.77	202	1399335	42.772	nq	99
80) Butylbenzylphthalate	13.37	149	641368	46.576	nq	99
81) Benzo(a)anthracene	13.96	228	1170649	44.504	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	366998	35.965	nq	99
83) Chrysene	14.00	228	1143279	44.338	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	870164	48.316	nq	99
85) Di-n-octyl phthalate	14.54	149	1450029	49.666	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1074922	47.169	nq	99
88) Benzo(b)fluoranthene	15.01	252	1174094	43.864	nq	98
89) Benzo(k)fluoranthene	15.04	252	1107409	45.039	nq	98
90) Benzo(a)pyrene	15.37	252	1104509	46.887	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	892275	45.583	nq	99
92) Benzo(g,h,i)perylene	17.33	276	914883	46.637	nq	99

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

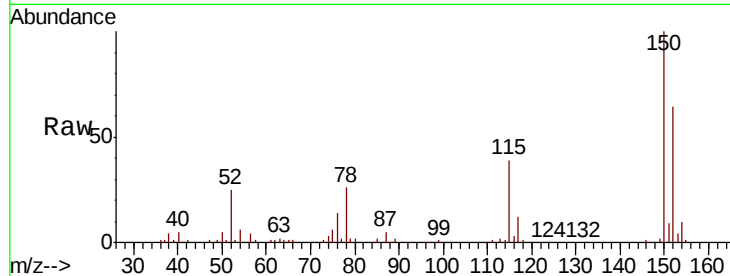


#1

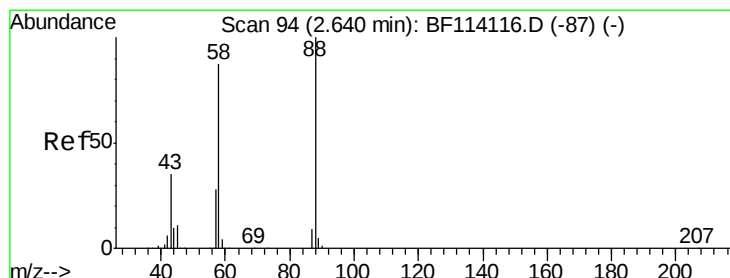
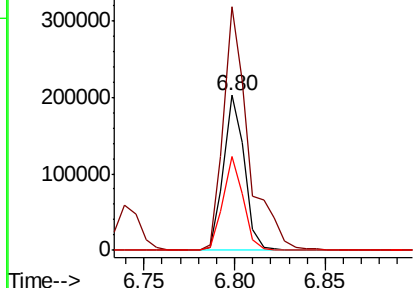
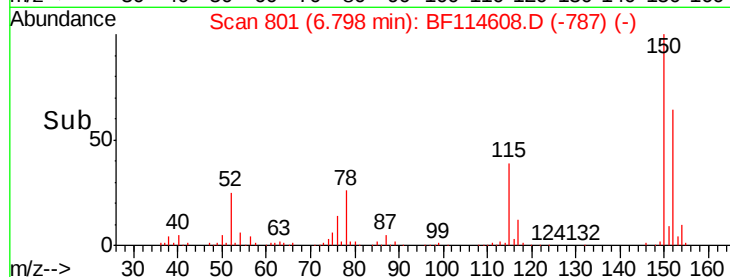
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162460
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 60.8 49.1 73.7



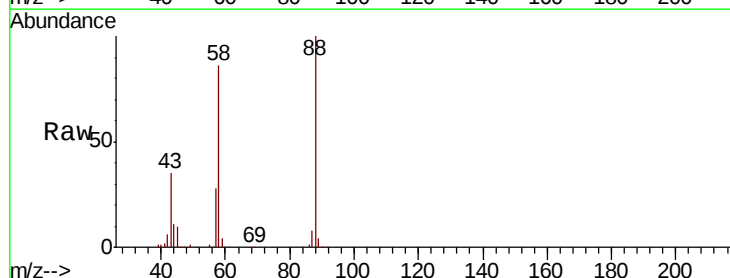
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



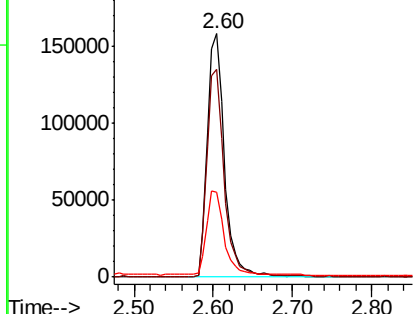
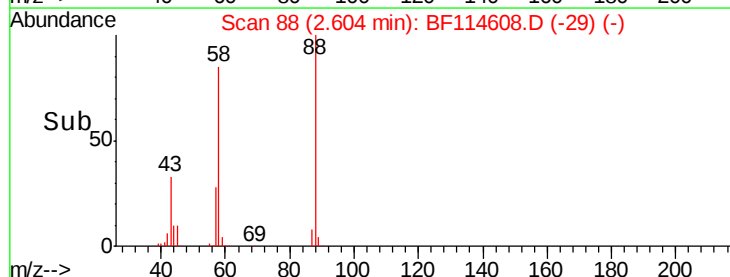
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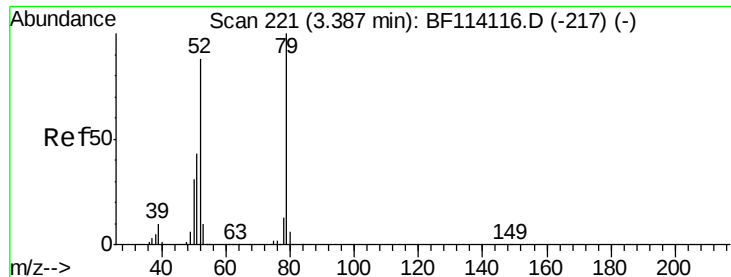
1,4-Dioxane
Concen: 43.223 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion: 88 Resp: 239843
Ion Ratio Lower Upper
88 100
58 84.8 68.7 103.1
43 34.5 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: 30.985 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.05 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

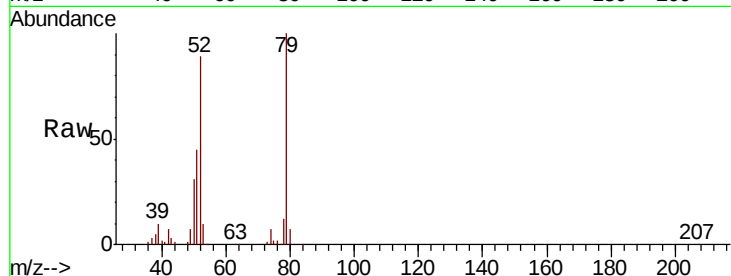
Tot Ion: 79 Resp: 473714

Ion Ratio Lower Upper

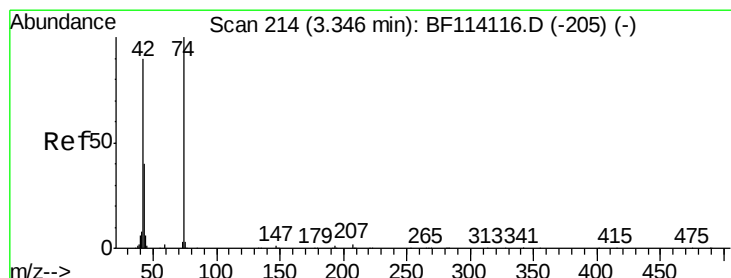
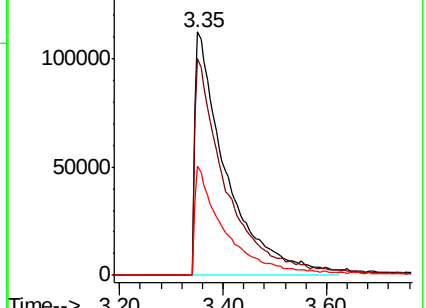
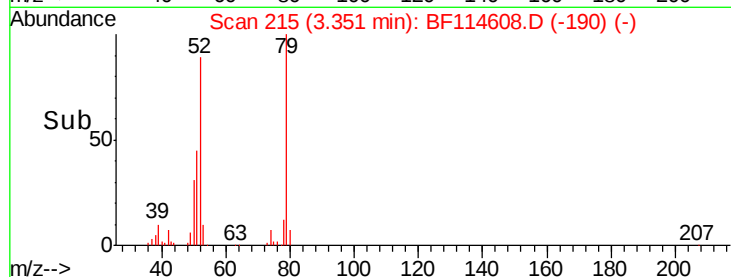
79 100

52 88.9 70.6 105.8

51 45.1 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.560 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.04 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

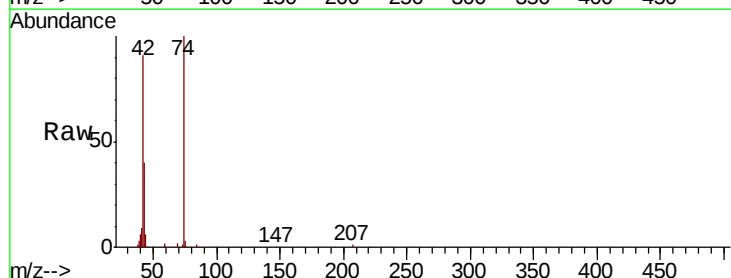
Tgt Ion: 42 Resp: 254798

Ion Ratio Lower Upper

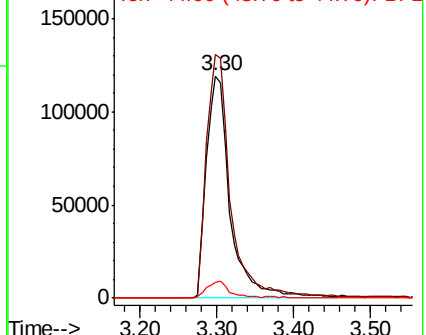
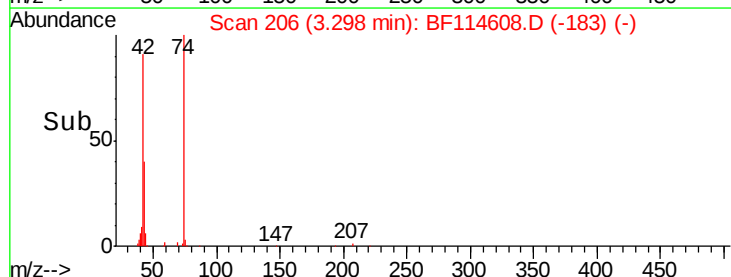
42 100

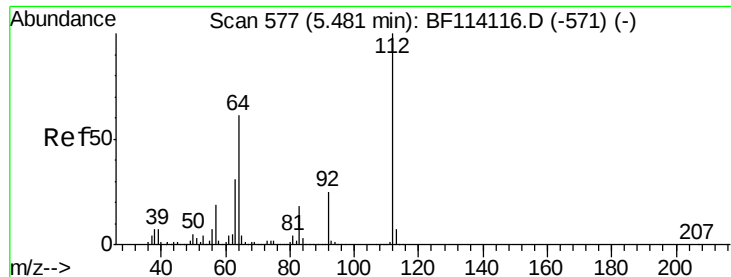
74 109.5 88.6 132.8

44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.660 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampled :

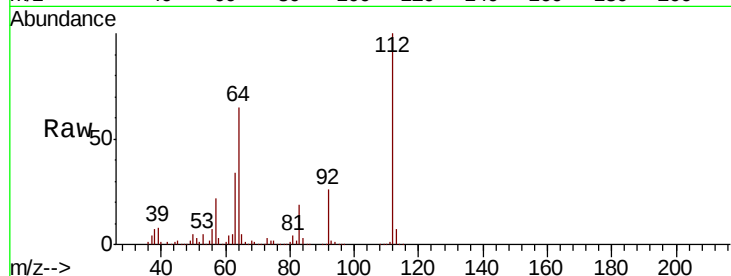
Tot Ion:112 Resp: 1268573

Ion Ratio Lower Upper

112 100

64 65.2 49.0 73.6

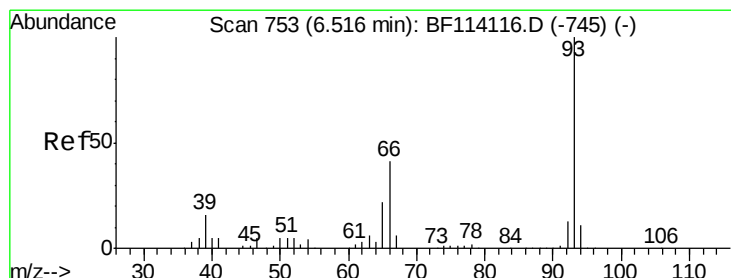
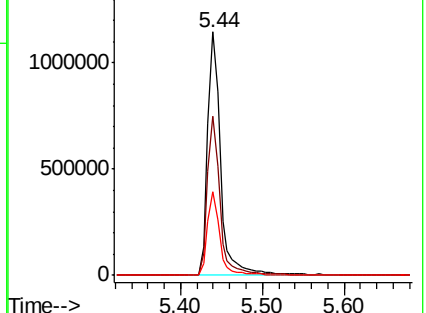
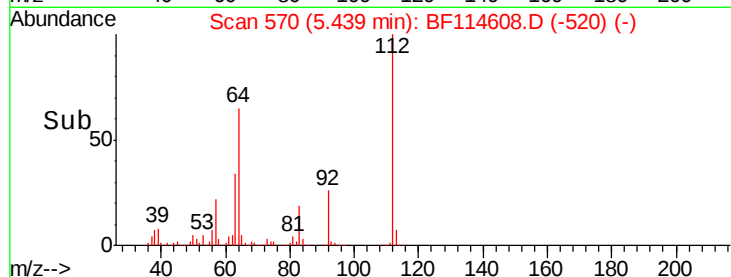
63 34.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.344 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

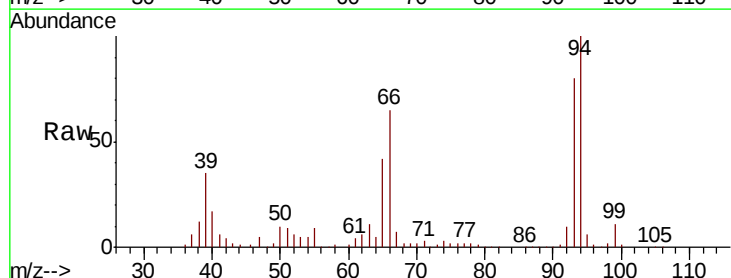
Tgt Ion: 93 Resp: 506111

Ion Ratio Lower Upper

93 100

66 81.0 33.2 49.8#

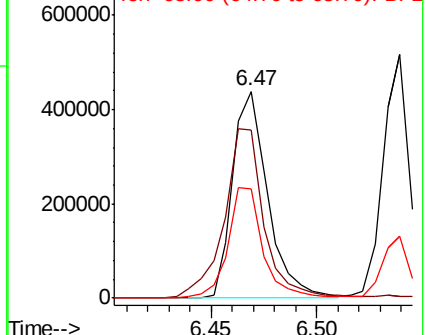
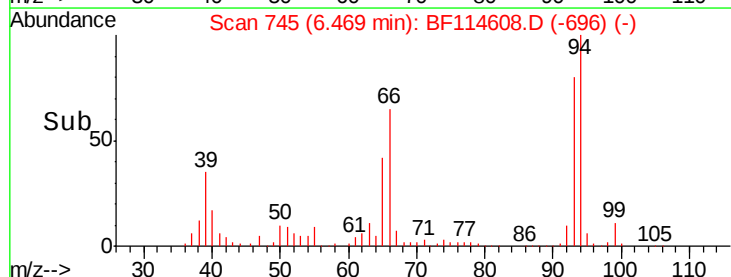
65 52.8 17.6 26.4#

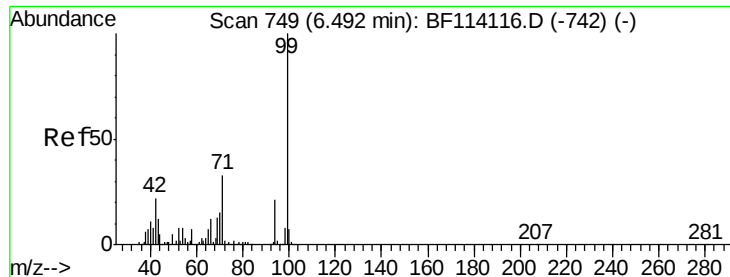


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.069 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

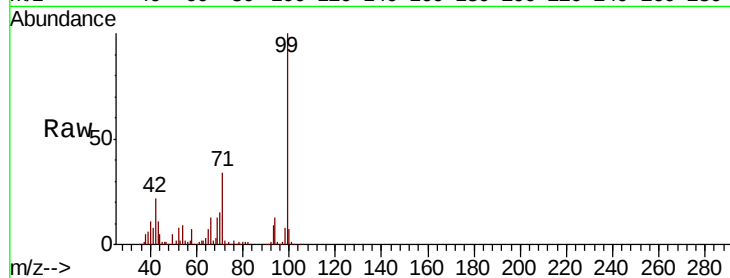
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1600789

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	33.7	26.2	39.2

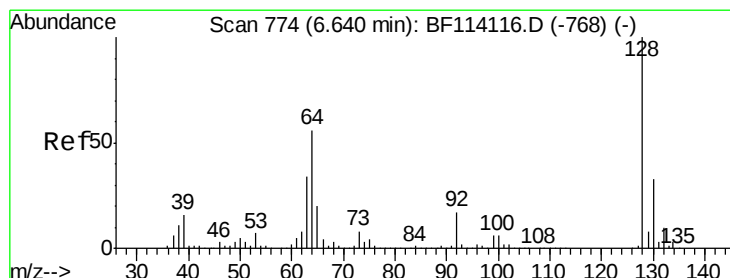
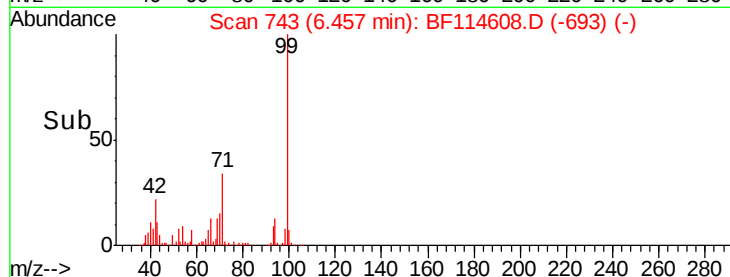
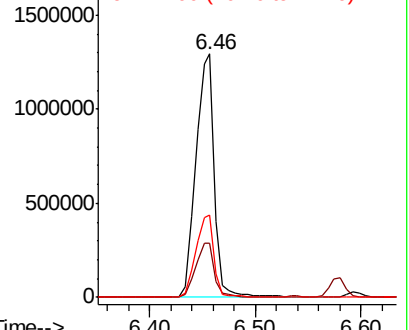


Abundance

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: 43.374 ng

RT: 6.59 min Scan# 766

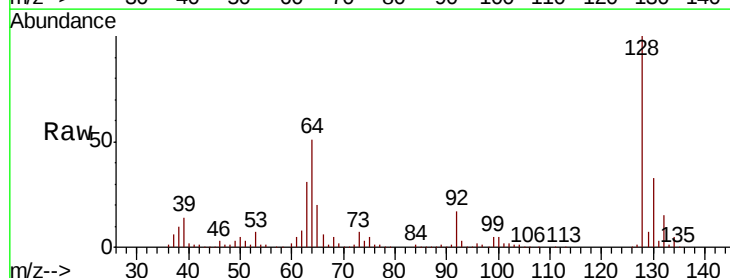
Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion: 128 Resp: 467460

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	51.5	35.9	75.9

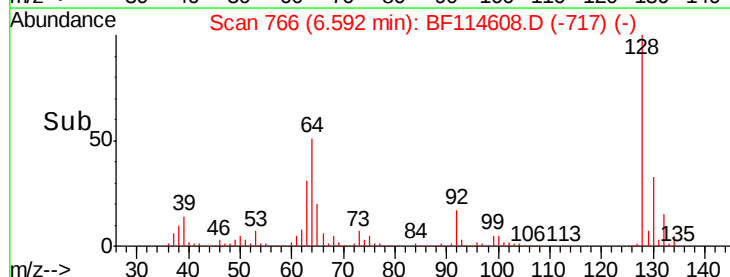
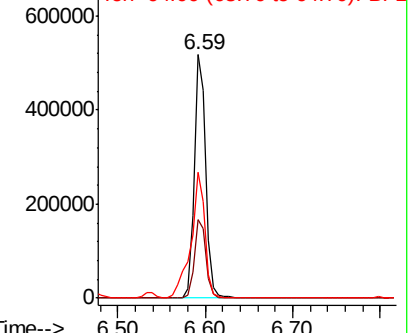


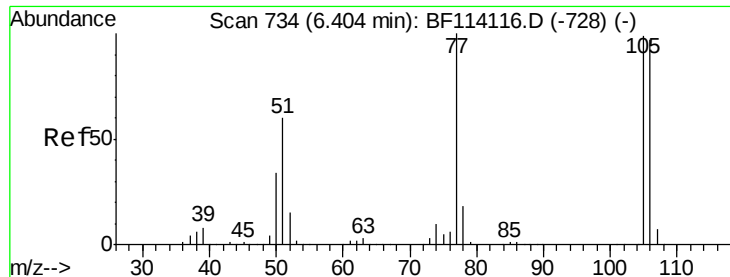
Abundance

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: 27.090 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

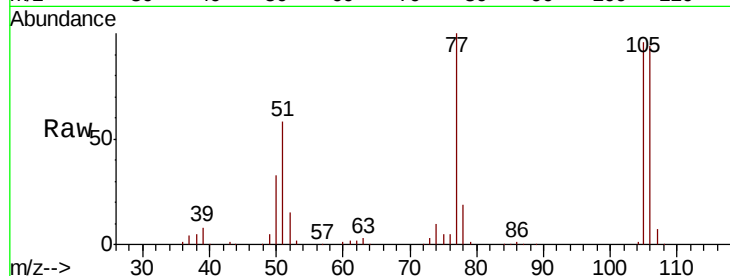
Tot Ion: 77 Resp: 226442

Ion Ratio Lower Upper

77 100

105 95.9 79.3 119.3

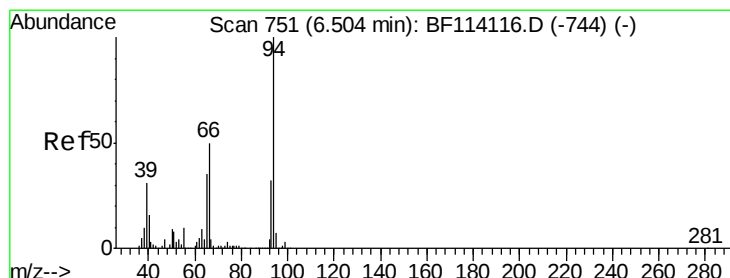
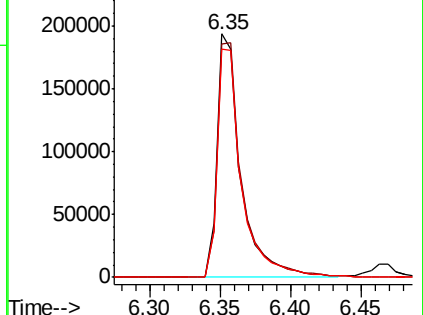
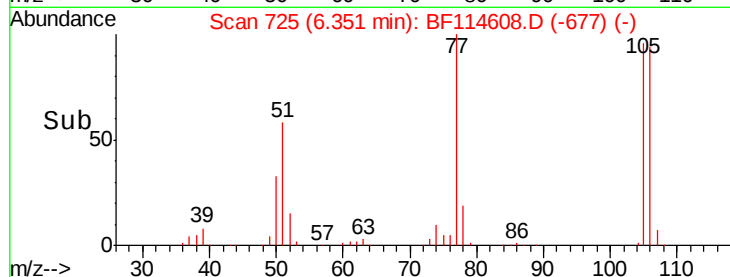
106 93.9 77.0 117.0



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: 40.288 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

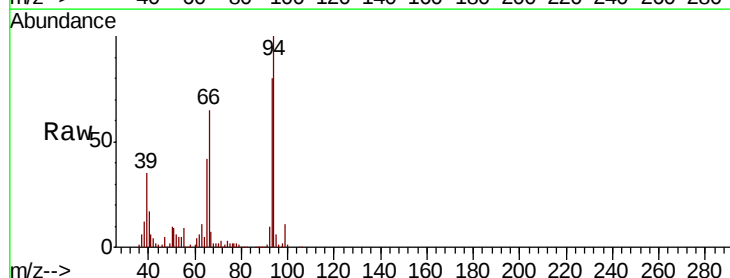
Tgt Ion: 94 Resp: 565884

Ion Ratio Lower Upper

94 100

65 42.4 14.7 54.7

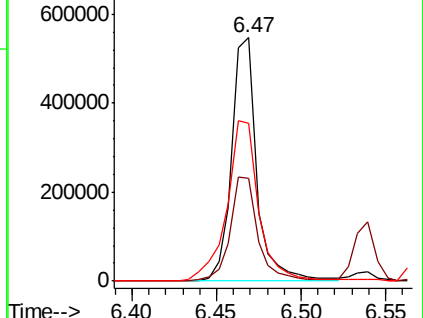
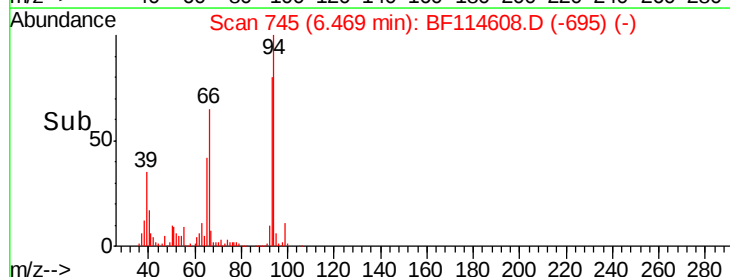
66 65.0 29.6 69.6

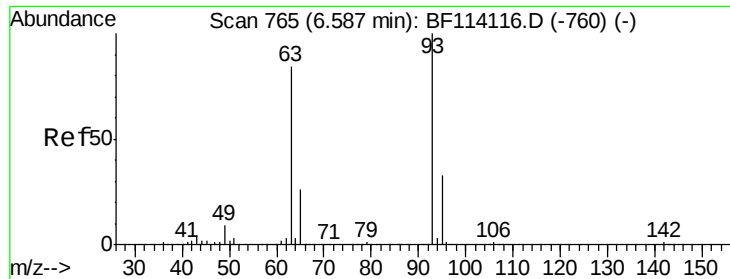


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

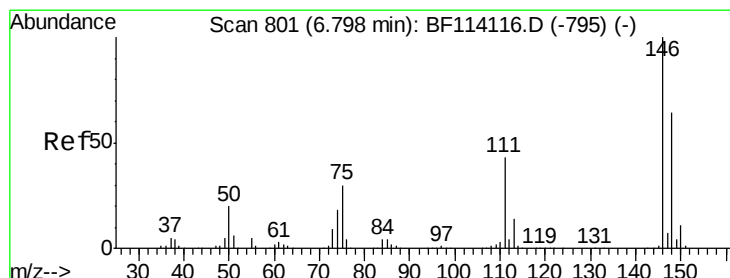
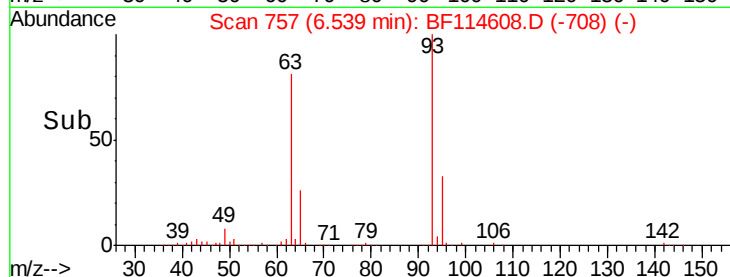
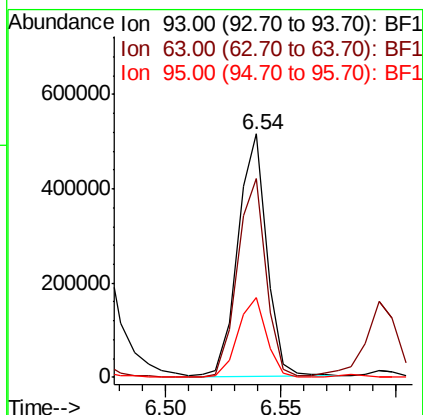
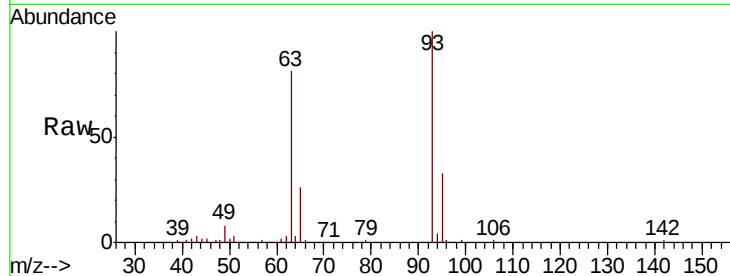




#11
bis(2-Chloroethyl)ether
Concen: 41.737 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

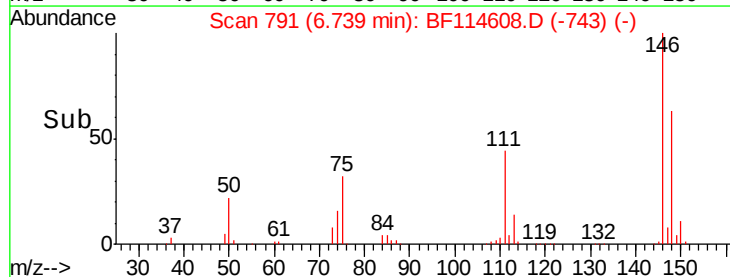
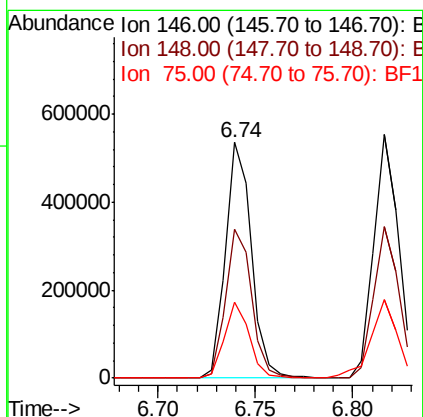
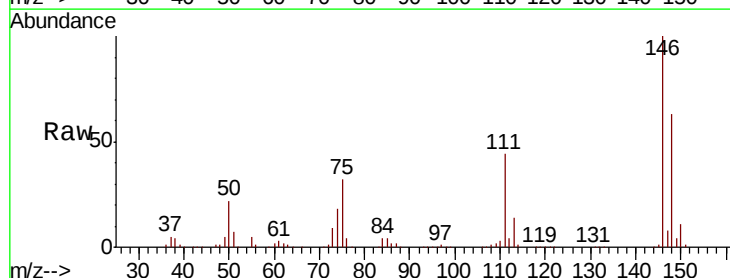
Instrument :
BNA_F
ClientSampleId :

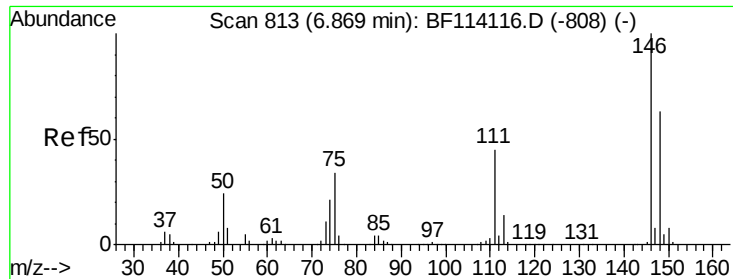
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	63.6	103.6
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 40.874 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
75	32.2	24.2	36.2

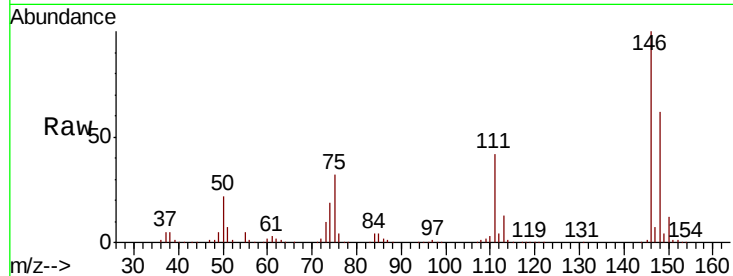




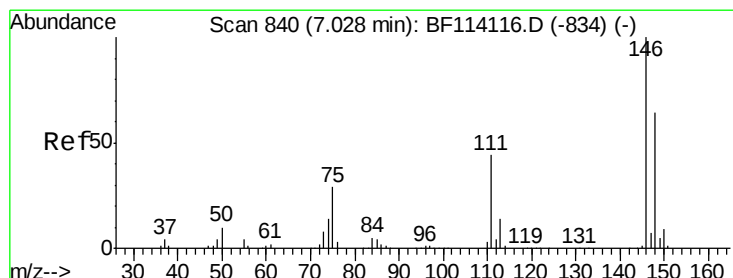
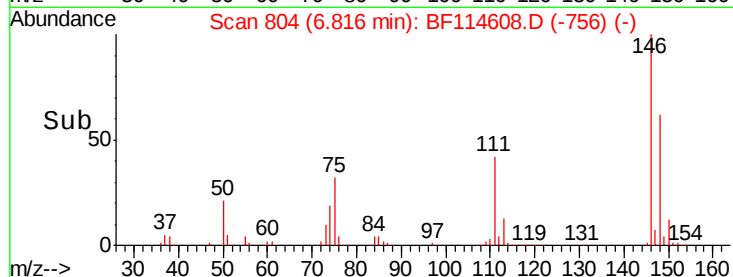
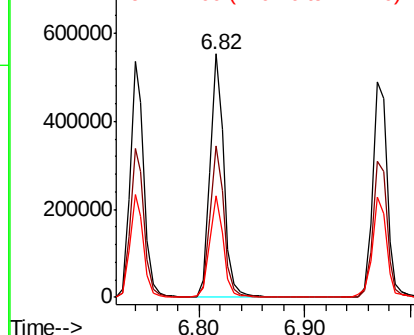
#13
 1,4-Dichlorobenzene
 Concen: 41.463 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 505449
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.2 75.2
 111 41.8 35.8 53.6

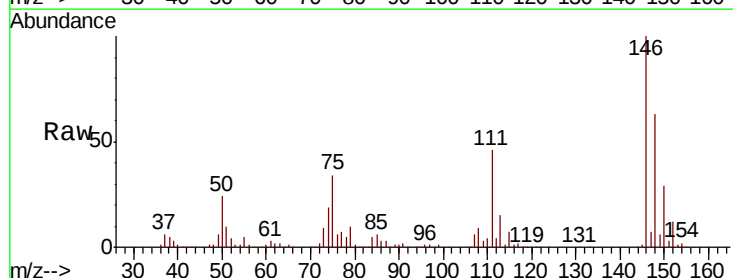


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

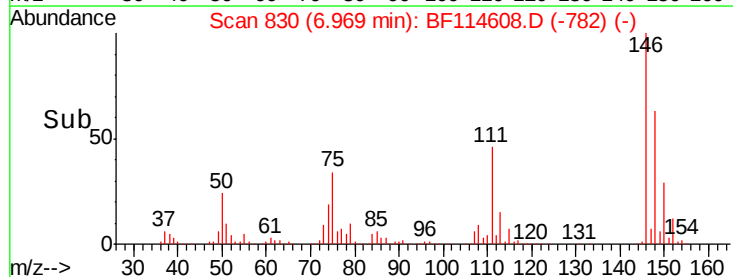
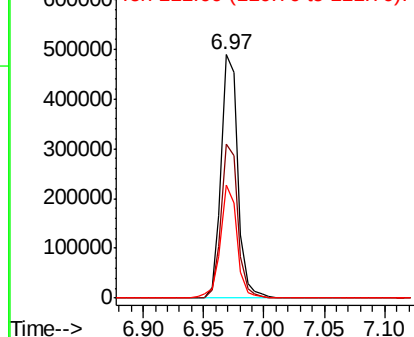


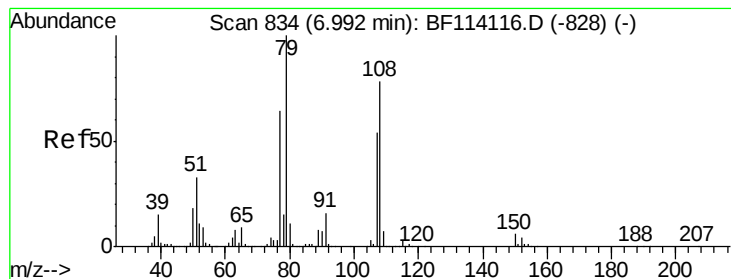
#14
 1,2-Dichlorobenzene
 Concen: 41.657 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion:146 Resp: 463949
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 46.3 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.538 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampled :

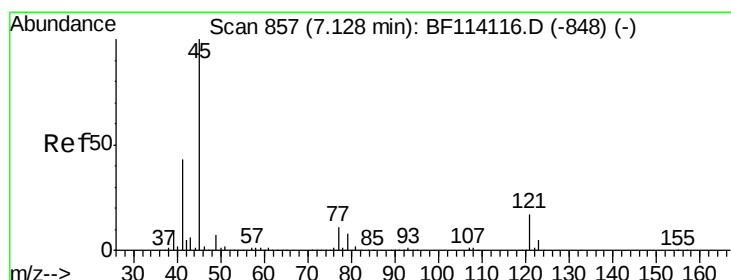
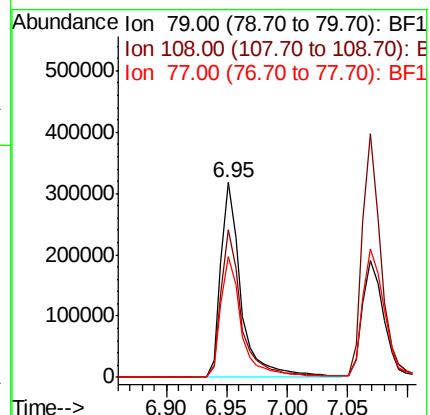
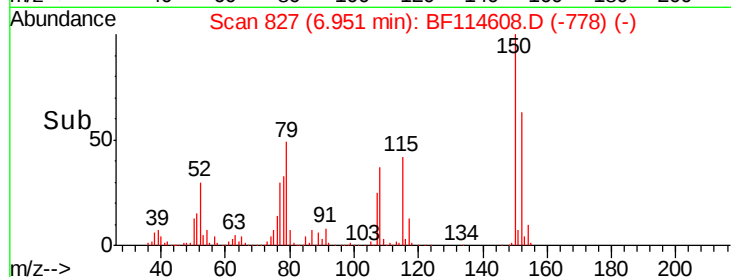
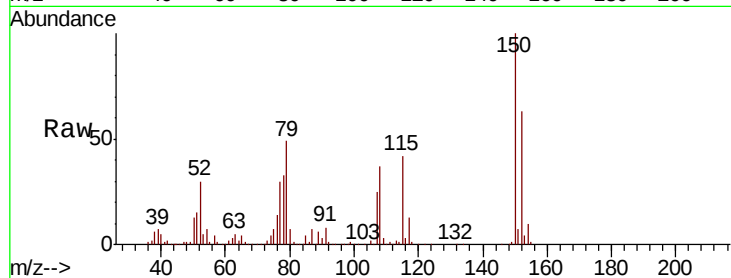
Tot Ion: 79 Resp: 368194

Ion Ratio Lower Upper

79 100

108 75.4 62.1 93.1

77 62.2 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.822 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

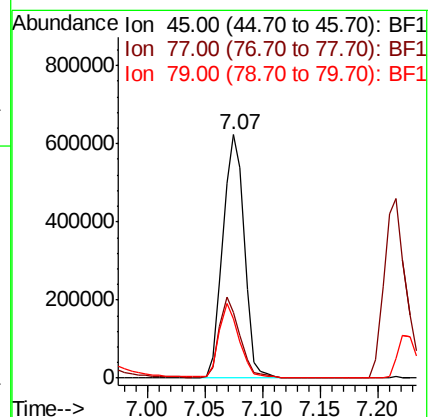
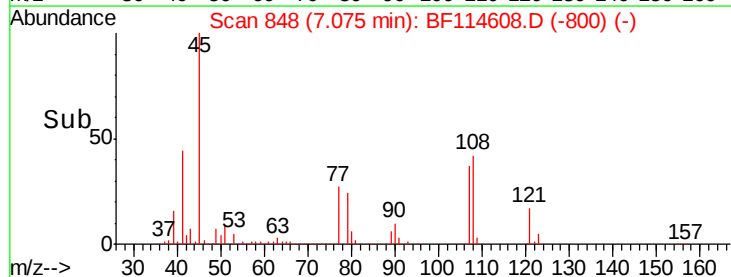
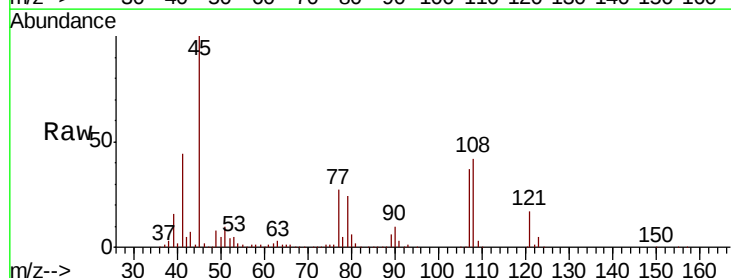
Tgt Ion: 45 Resp: 802674

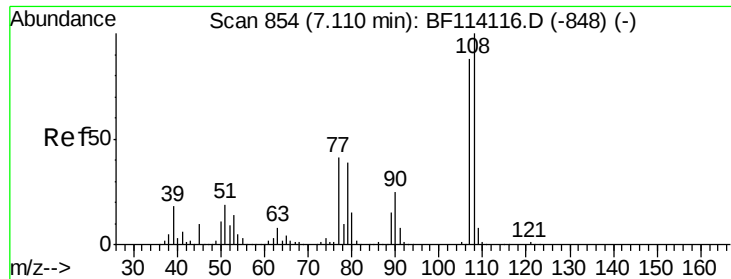
Ion Ratio Lower Upper

45 100

77 27.1 0.0 31.1

79 24.4 0.0 28.4

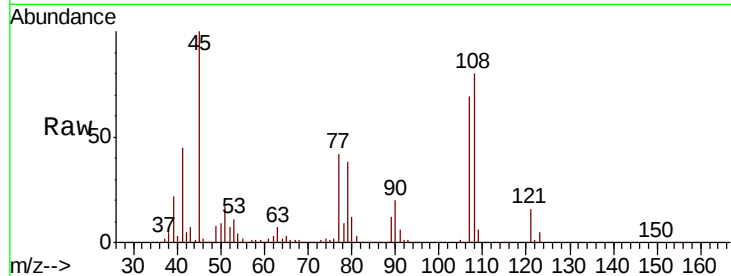




#17
2-Methylphenol
Concen: 41.723 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.5	135.7
77	60.5	37.0	55.4#
79	55.4	35.8	53.8#



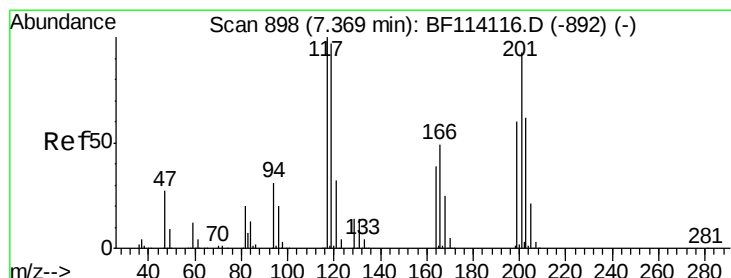
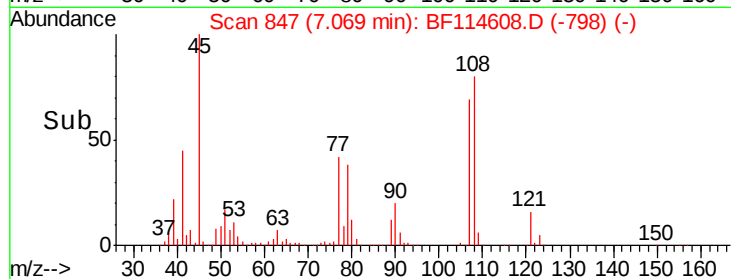
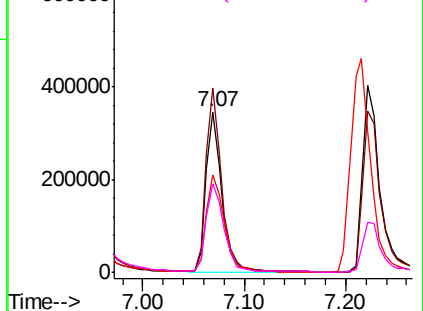
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

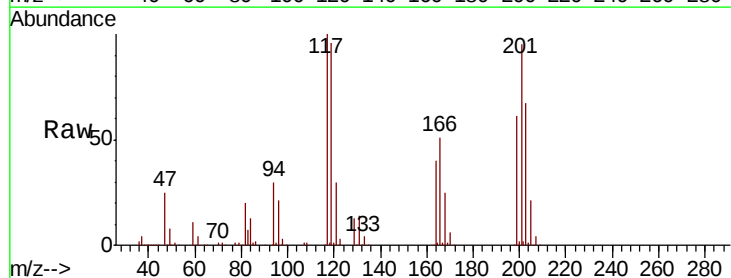
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.374 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.2
201	94.5	74.5	111.7

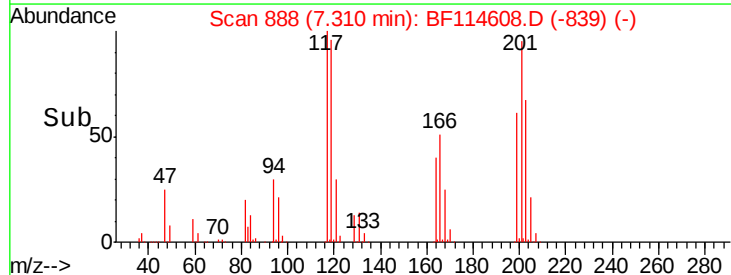
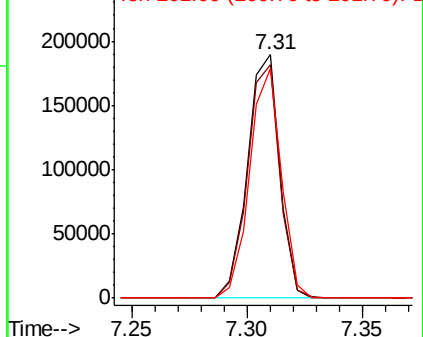


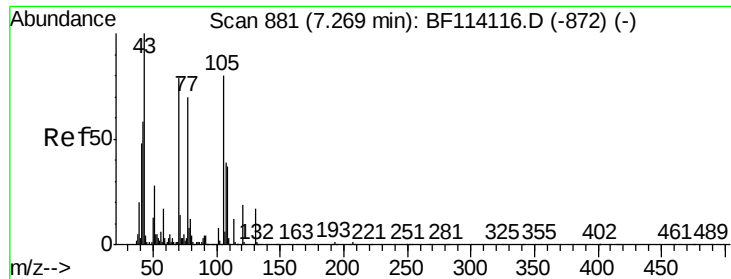
Abundance

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

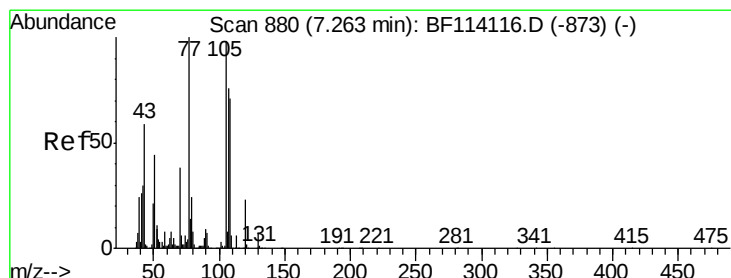
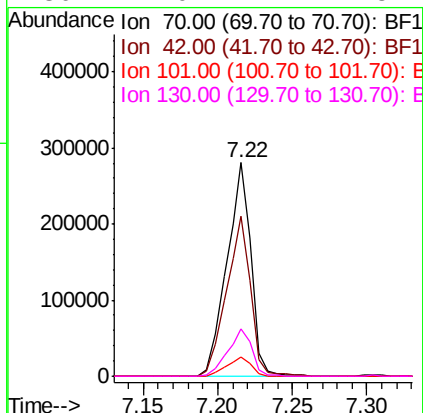
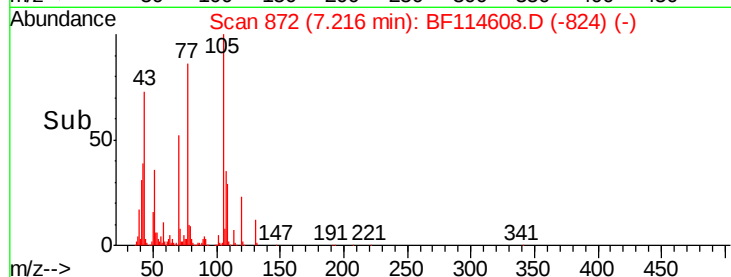
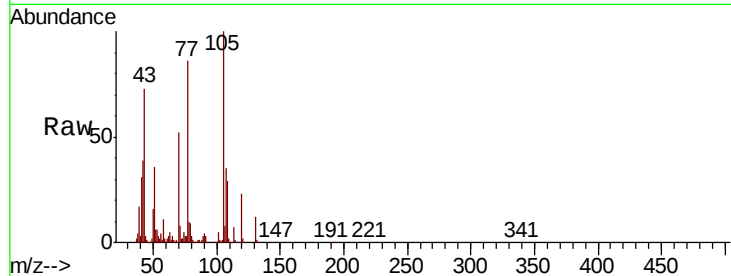




#19
n-Nitroso-di-n-propylamine
Concen: 42.159 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

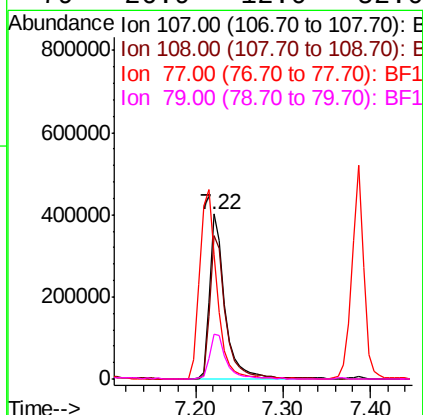
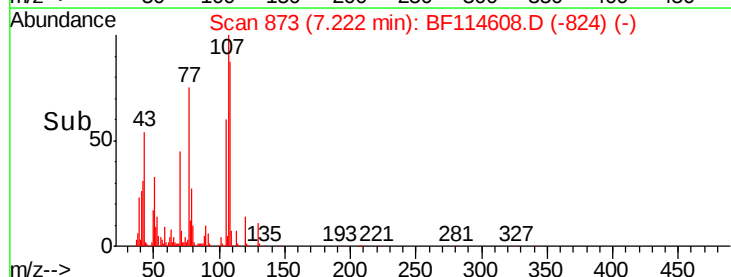
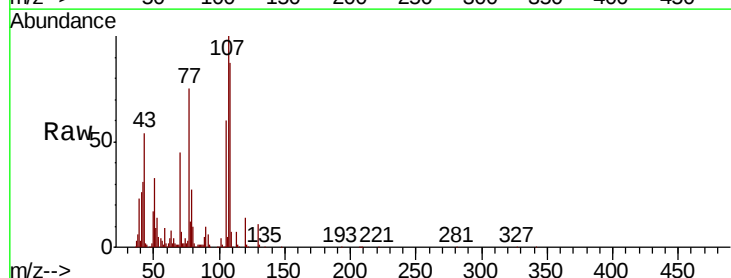
Instrument :
BNA_F
ClientSampleId :

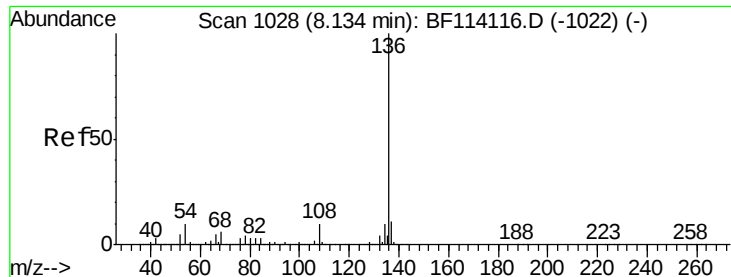
Tot Ion:	70	Resp:	319067
Ion	Ratio	Lower	Upper
70	100		
42	74.7	58.6	87.8
101	9.3	7.8	11.8
130	22.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 47.316 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:	107	Resp:	483982
Ion	Ratio	Lower	Upper
107	100		
108	86.7	73.8	113.8
77	75.3	111.5	151.5#
79	26.9	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

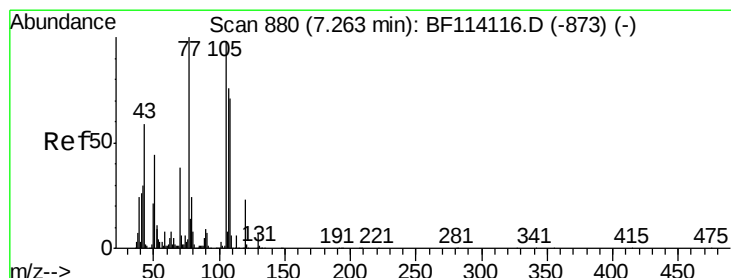
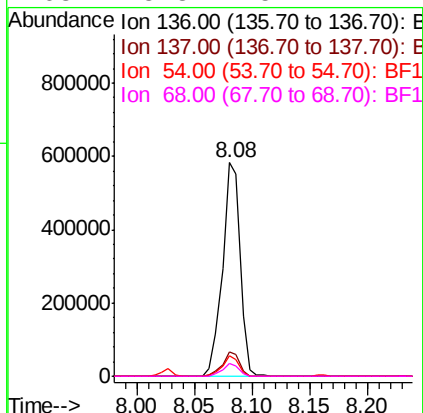
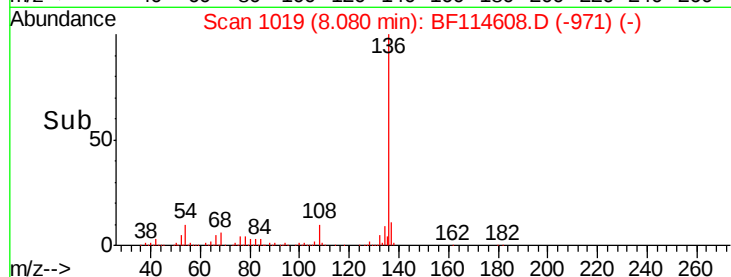
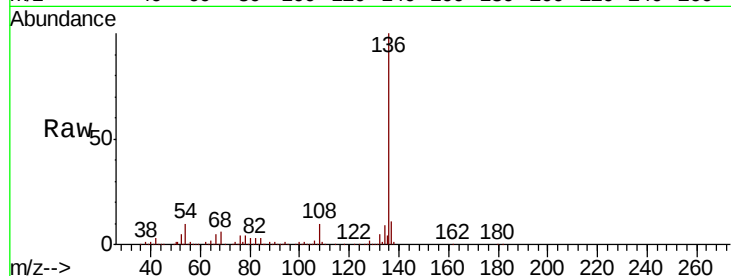
Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 622067
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 9.5	7.8 11.8
68 5.8	5.1 7.7



#22

Acetophenone

Concen: 45.715 ng

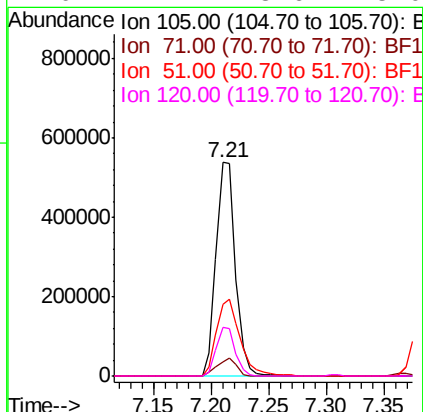
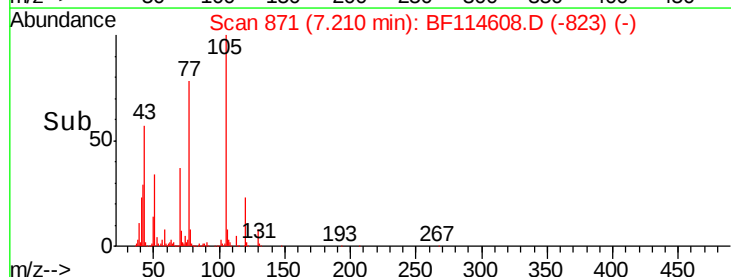
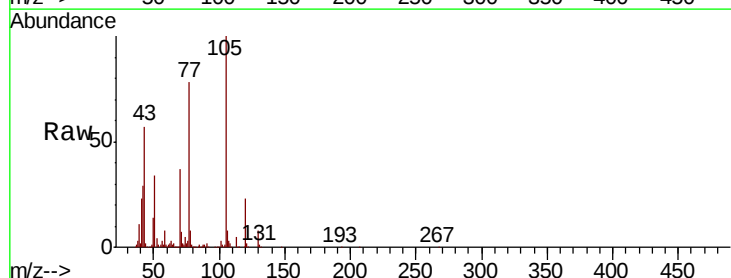
RT: 7.21 min Scan# 871

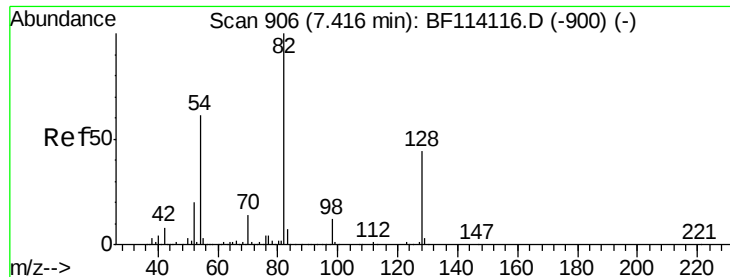
Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:105	Resp: 629984
Ion Ratio	Lower Upper
105 100	
71 6.6	5.3 7.9
51 33.6	36.2 54.4#
120 22.7	18.6 28.0

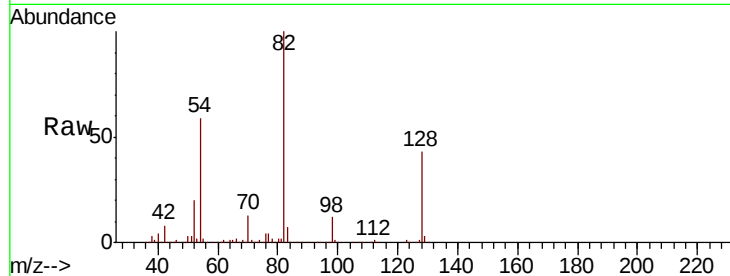




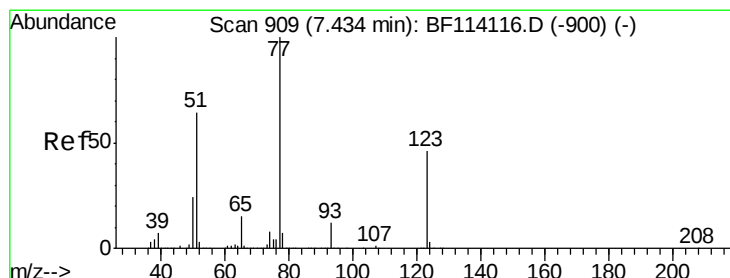
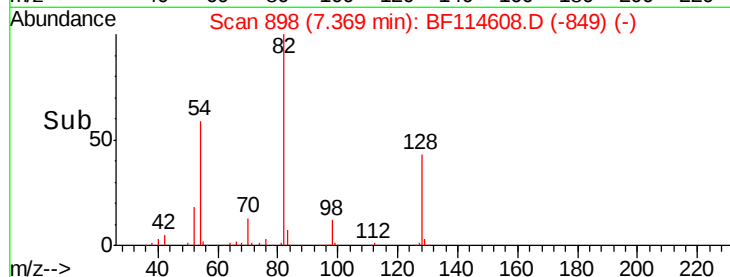
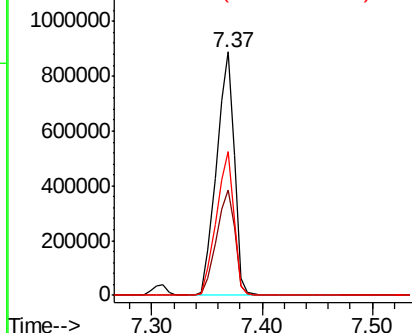
#23
Nitrobenzene-d5
Concen: 89.235 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.5	53.3
54	59.3	48.5	72.7

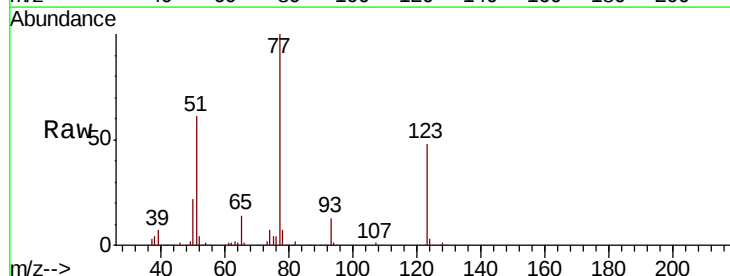


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

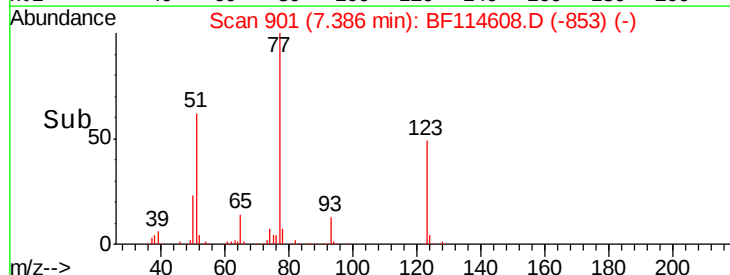
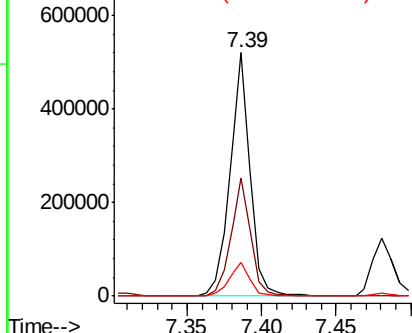


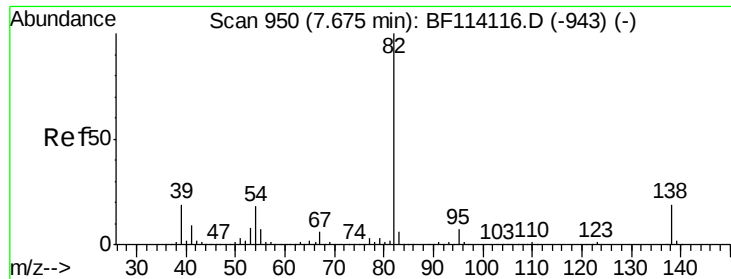
#24
Nitrobenzene
Concen: 43.695 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	36.9	55.3
65	13.9	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.446 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

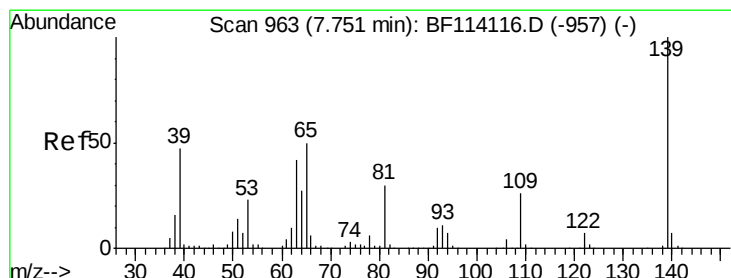
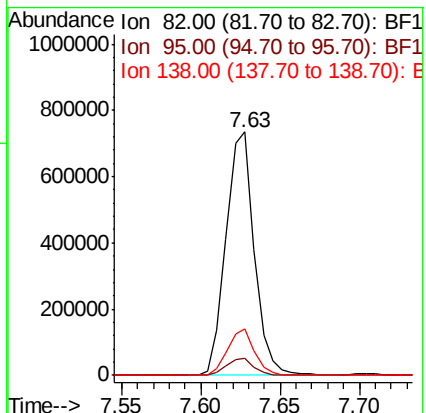
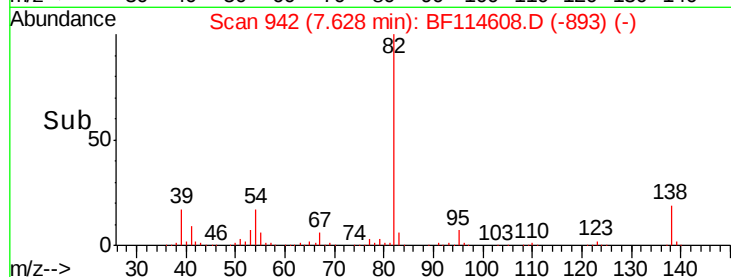
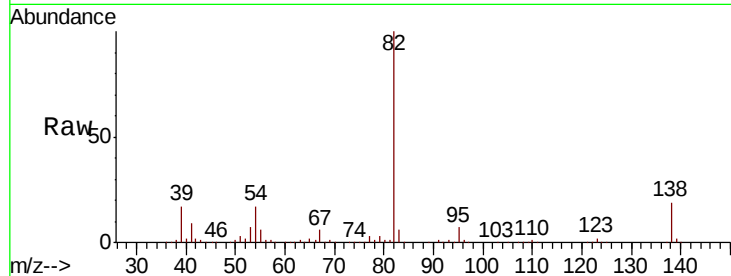
Tot Ion: 82 Resp: 913704

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 19.2 14.8 22.2



#26

2-Nitrophenol

Concen: 46.211 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

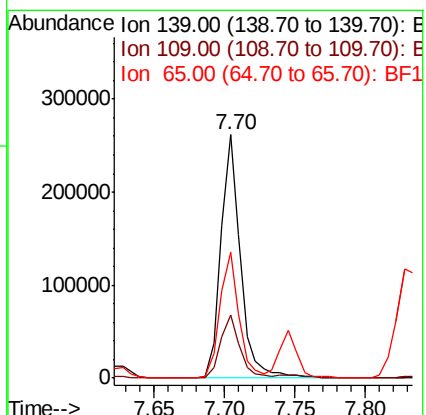
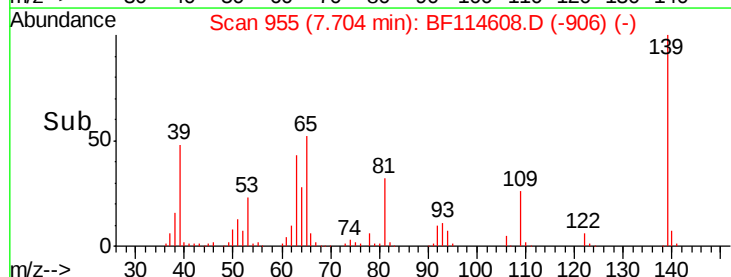
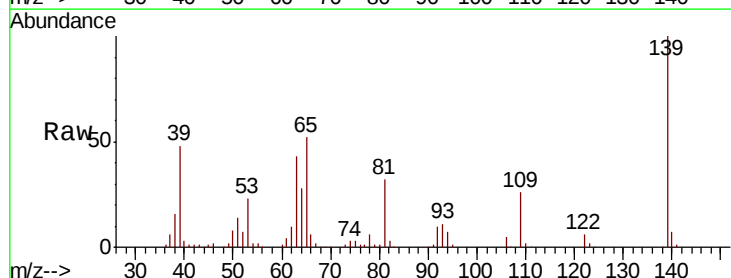
Tgt Ion: 139 Resp: 253114

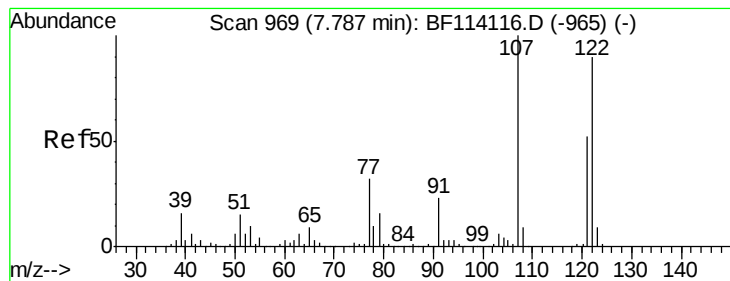
Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

65 51.8 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.808 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

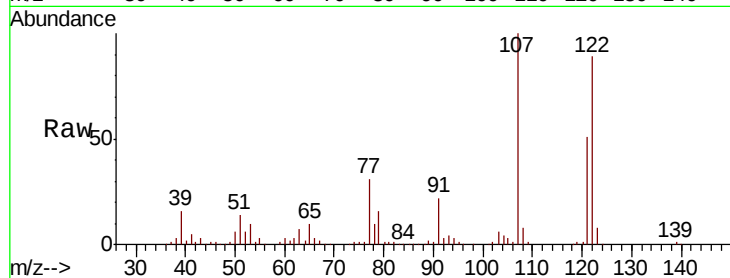
Tot Ion:122 Resp: 419879

Ion Ratio Lower Upper

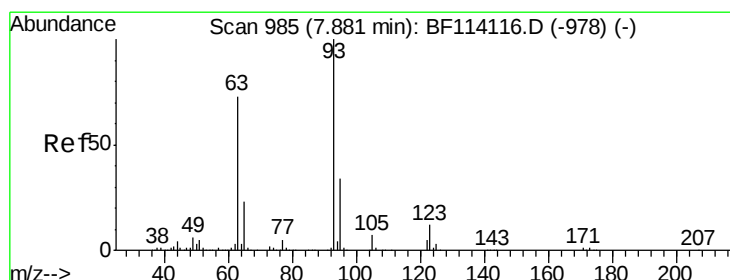
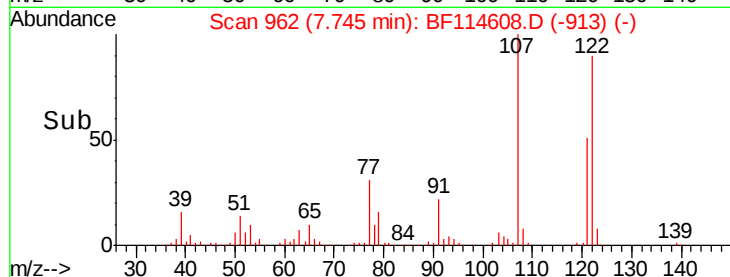
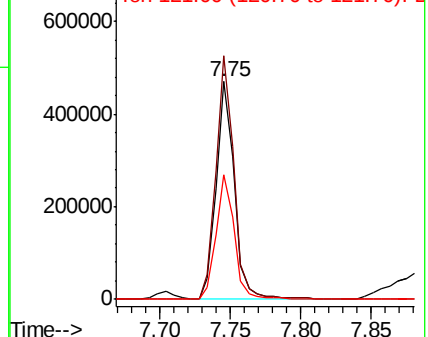
122 100

107 111.8 88.4 132.6

121 57.2 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.010 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

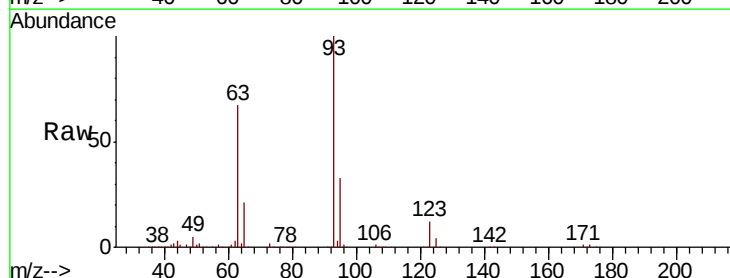
Tgt Ion: 93 Resp: 573691

Ion Ratio Lower Upper

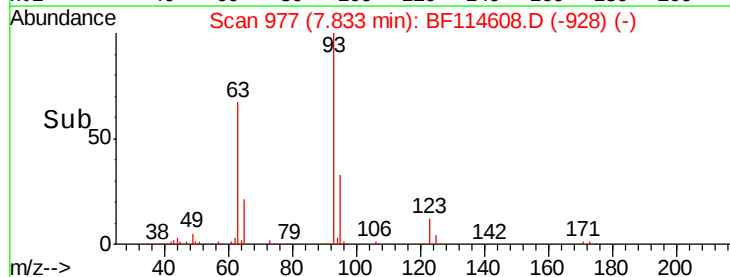
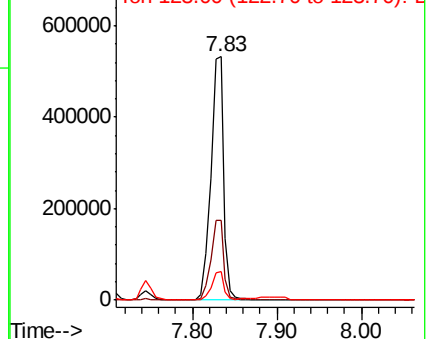
93 100

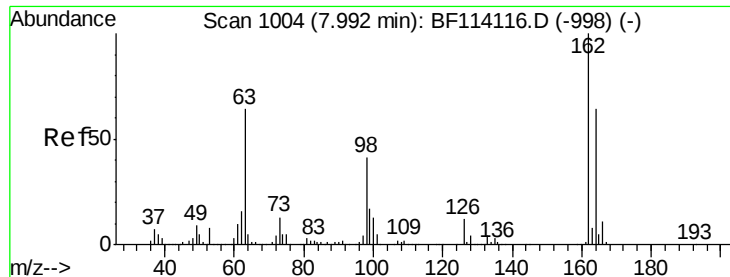
95 33.0 26.8 40.2

123 11.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

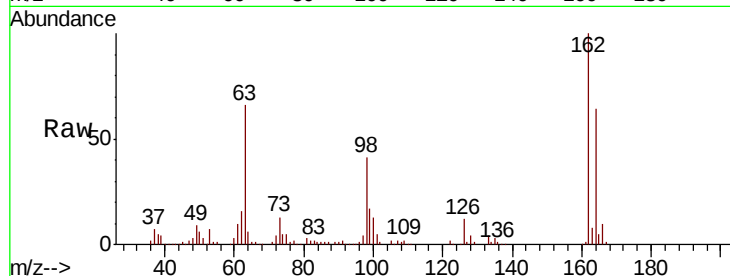




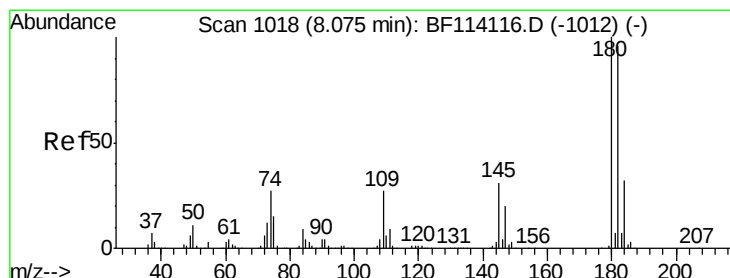
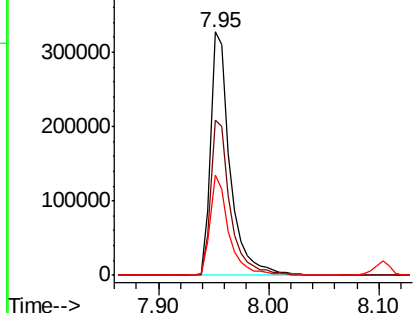
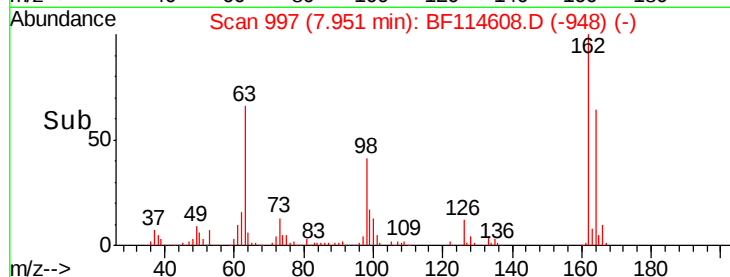
#29
 2,4-Dichlorophenol
 Concen: 45.962 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	41.2	20.6	60.6

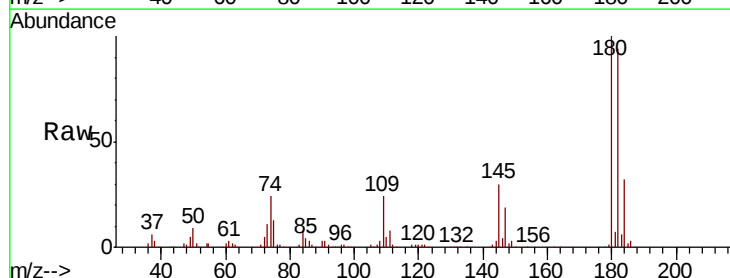


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

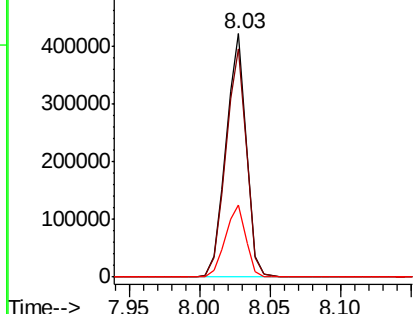
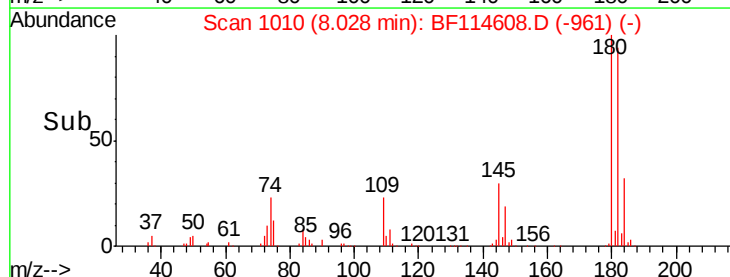


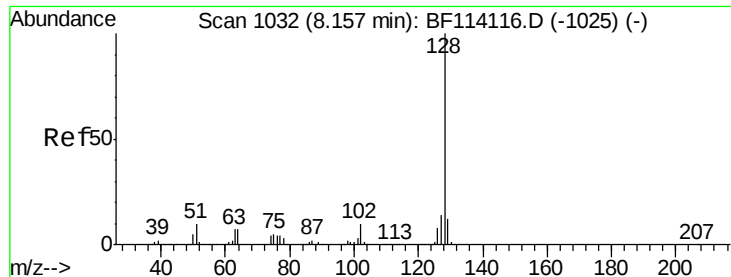
#30
 1,2,4-Trichlorobenzene
 Concen: 43.065 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	114.8
145	29.6	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

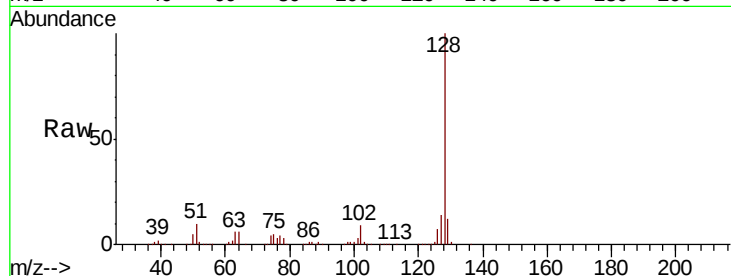




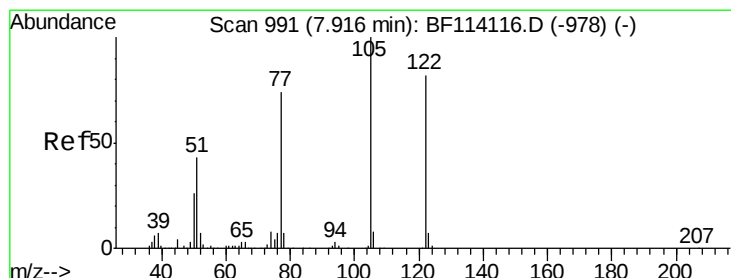
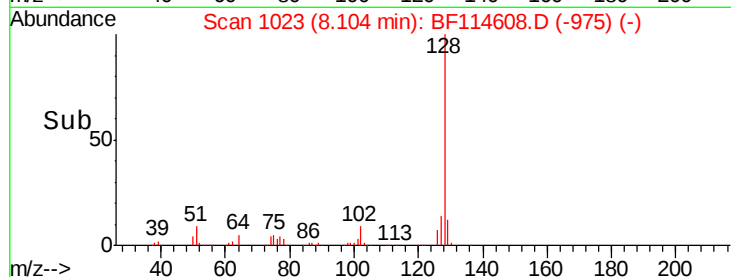
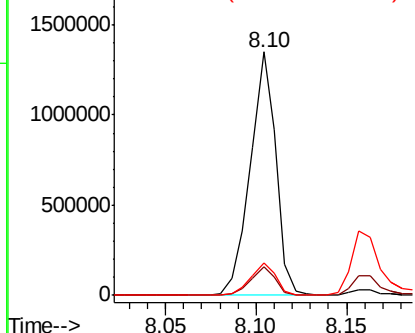
#31
Naphthalene
Concen: 45.813 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1331231
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.5 11.3 16.9

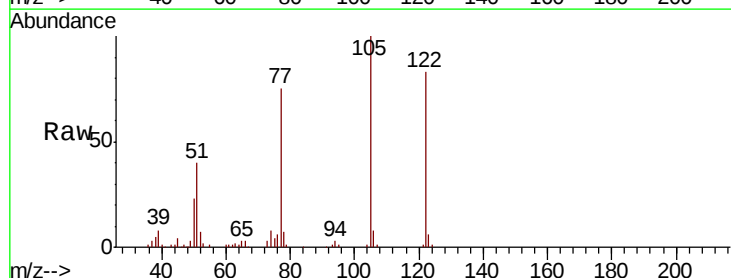


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

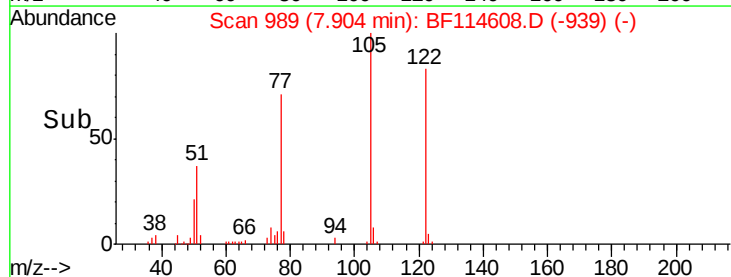
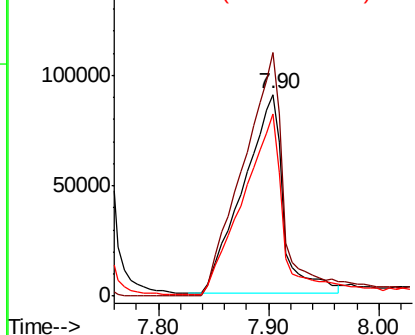


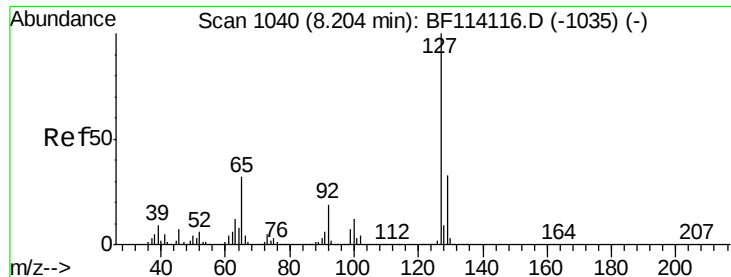
#32
Benzoic acid
Concen: 38.941 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:122 Resp: 229345
Ion Ratio Lower Upper
122 100
105 120.6 99.9 139.9
77 90.5 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

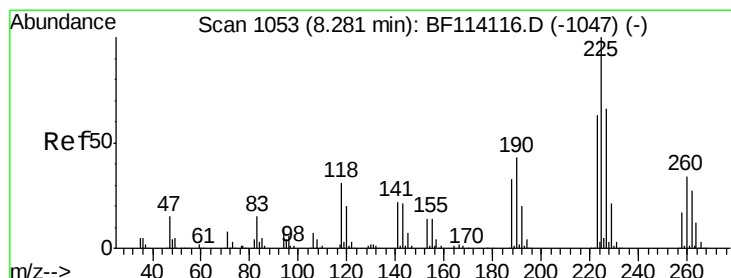
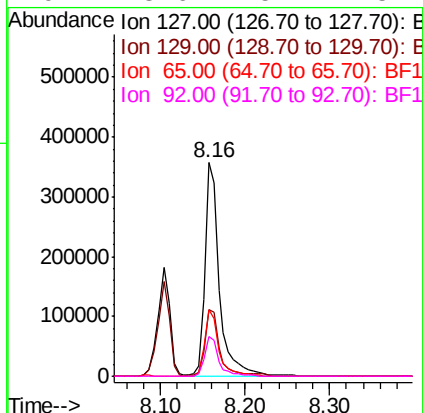
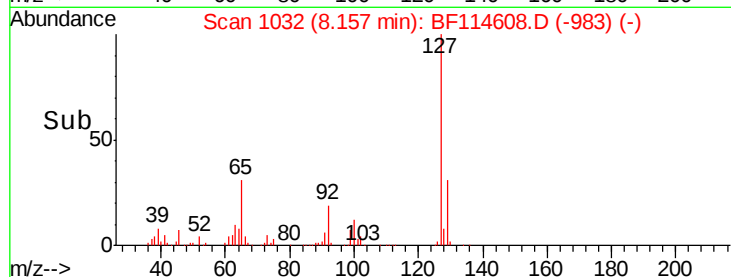
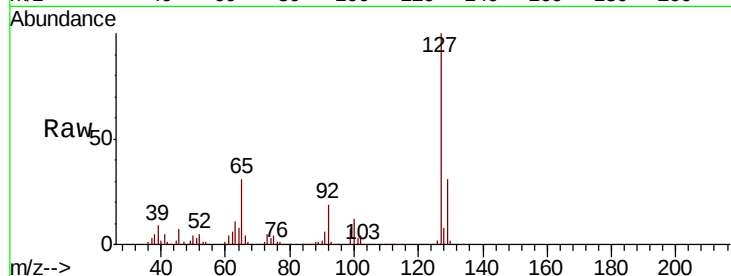




#33
4-Chloroaniline
Concen: 31.773 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

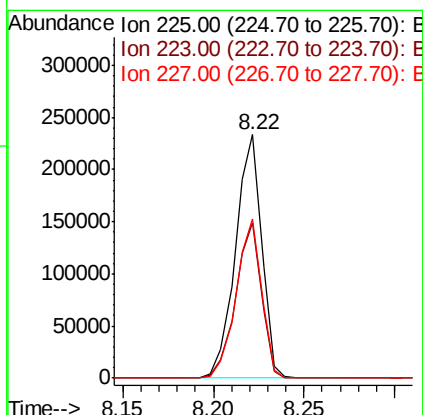
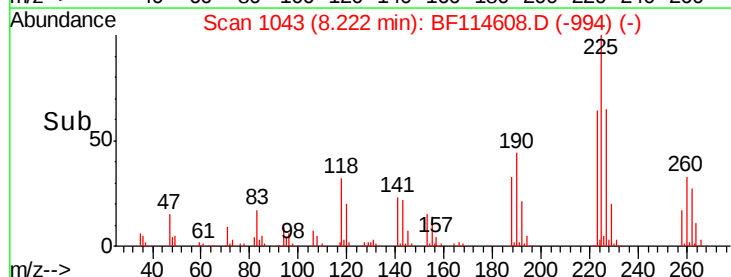
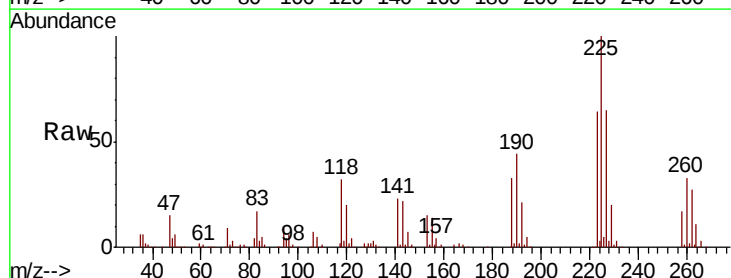
Instrument :
BNA_F
ClientSampleId :

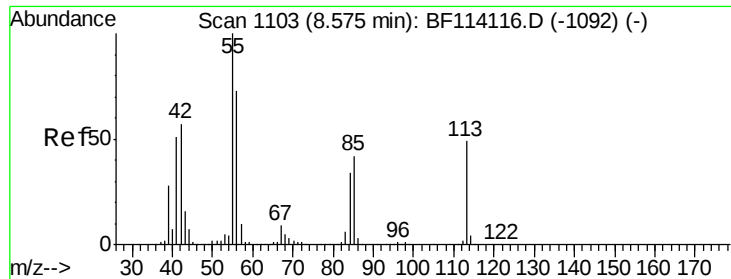
Tot Ion:	127	Resp:	420721
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.7	40.1
65	31.1	25.4	38.0
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.253 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:	225	Resp:	234186
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	65.2	52.6	79.0

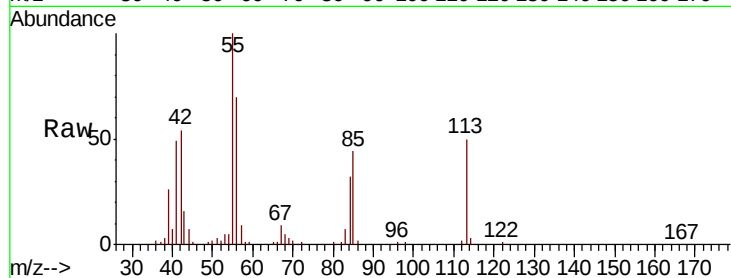




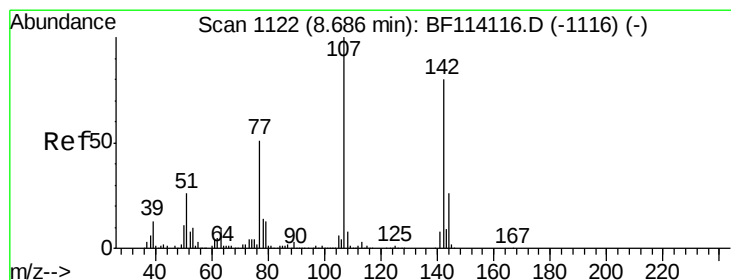
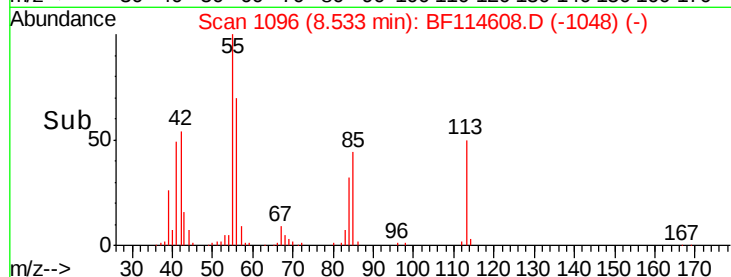
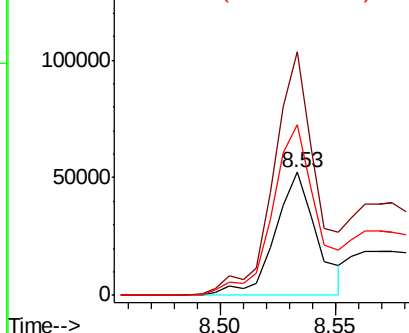
#35
 Caprolactam
 Concen: 23.431 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 65447
 Ion Ratio Lower Upper
 113 100
 55 198.5 183.5 223.5
 56 139.2 128.8 168.8

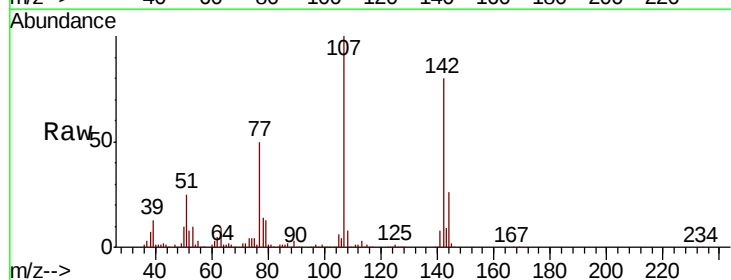


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

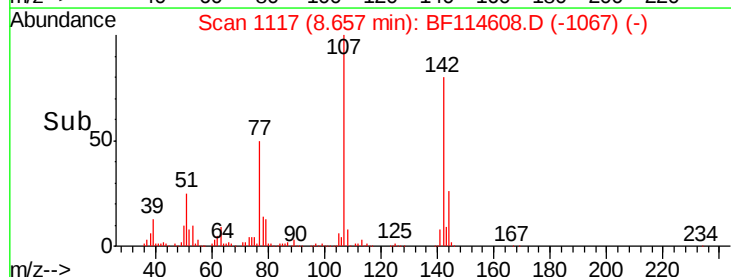
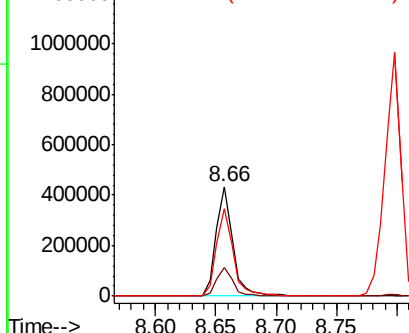


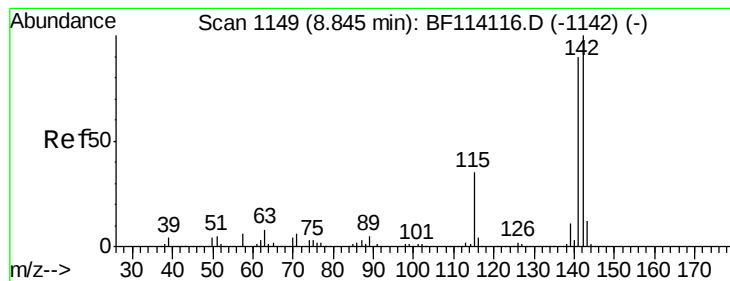
#36
 4-Chloro-3-methylphenol
 Concen: 47.880 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion:107 Resp: 412850
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 79.8 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

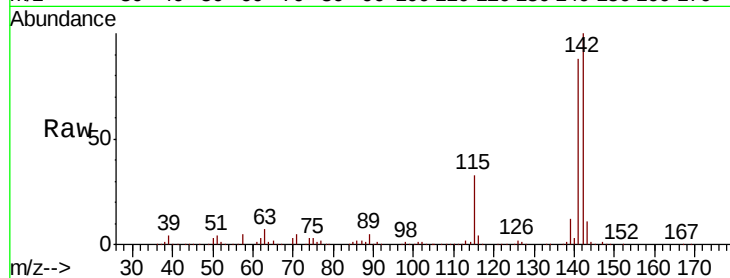




#37
2-Methylnaphthalene
Concen: 48.053 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1
115	32.8	28.0	42.0

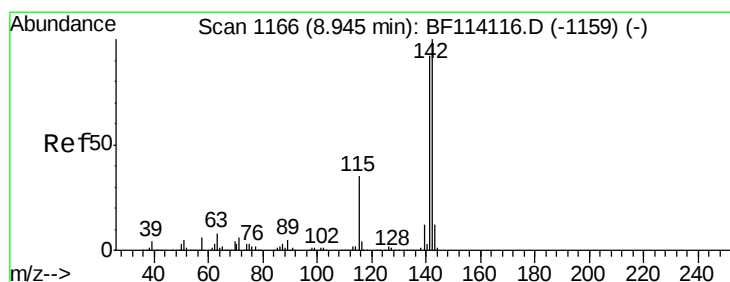
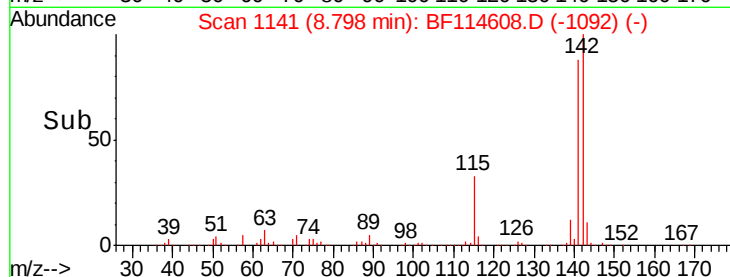
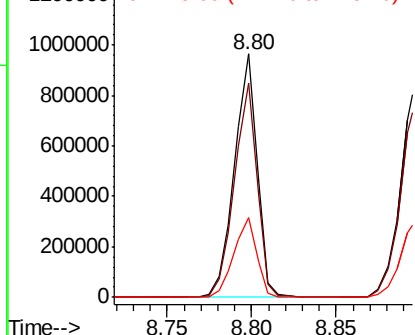


Abundance

Ion 142.00 (141.70 to 142.70): E

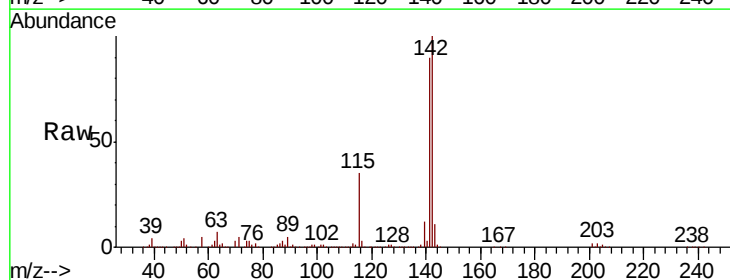
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.158 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.4	110.0
116	3.5	3.1	4.7

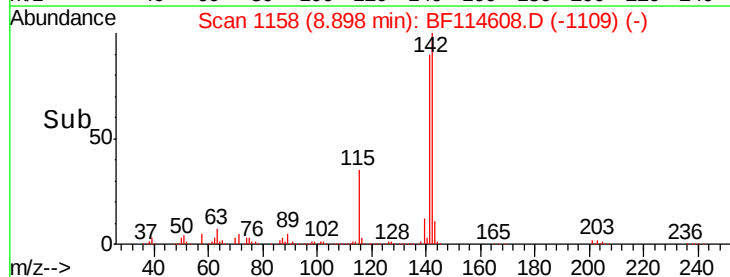
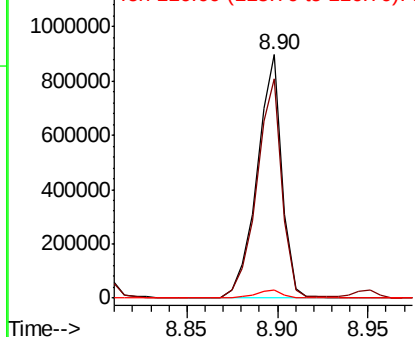


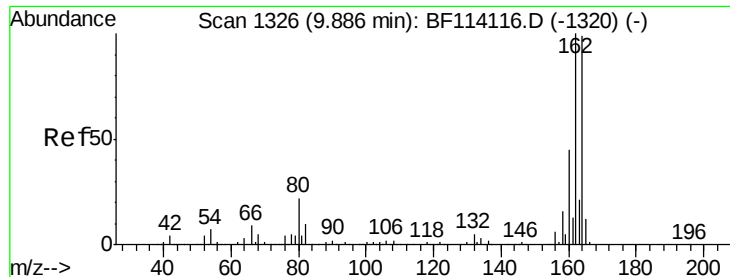
Abundance

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

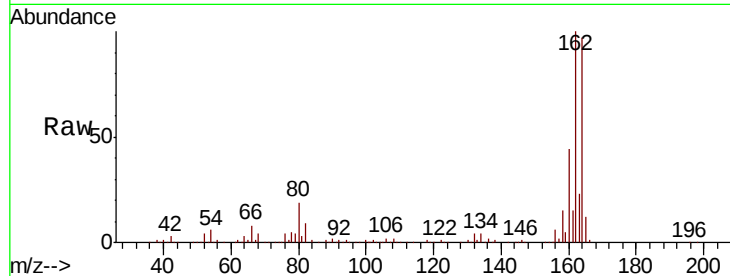




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	45.7	36.5	54.7

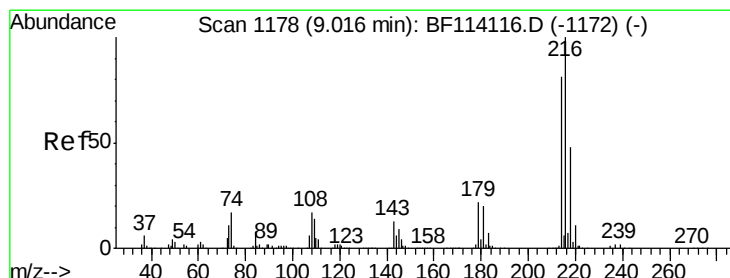
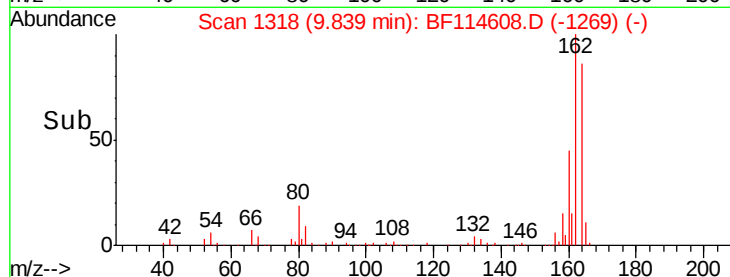
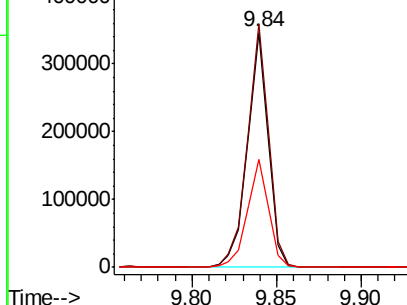


Abundance

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: 45.078 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	20.9	17.0	25.6
108	18.5	14.8	22.2

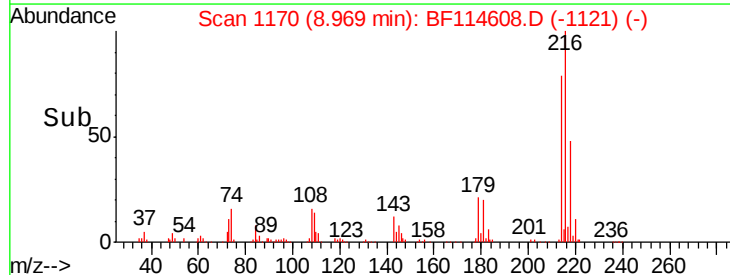
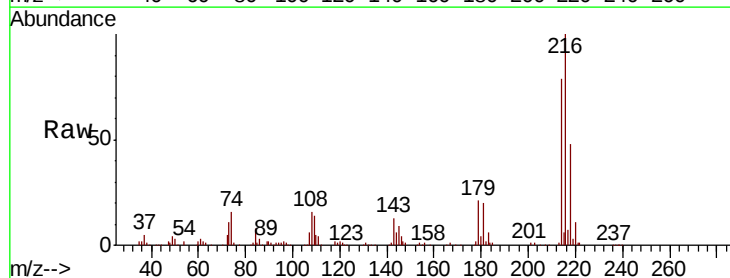
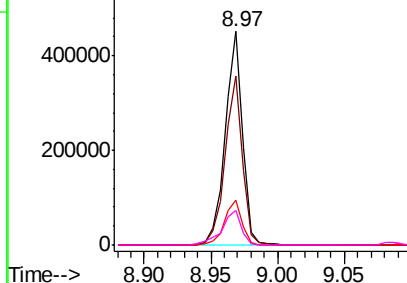
Abundance

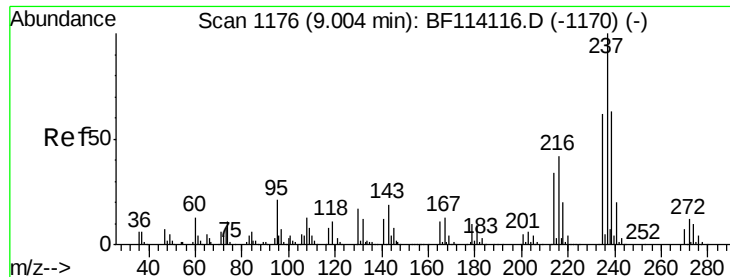
Ion 216.00 (215.70 to 216.70): E

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: 48.987 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114608.D

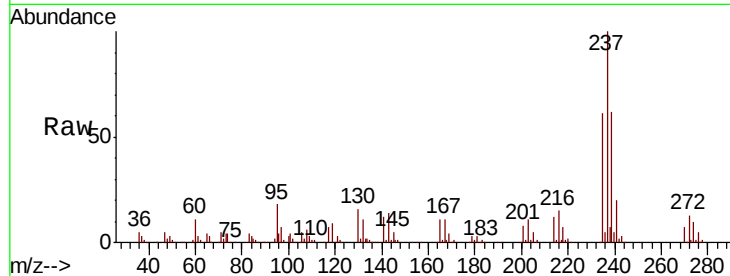
Acq: 25 May 2019 17:12

Instrument :

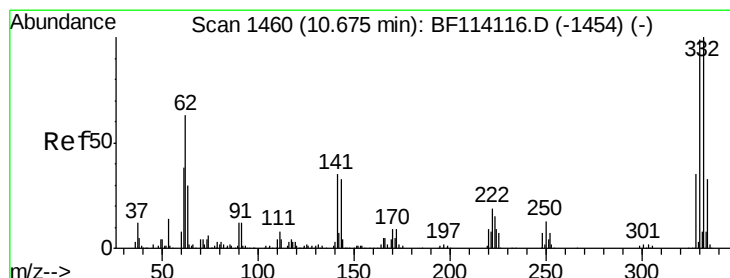
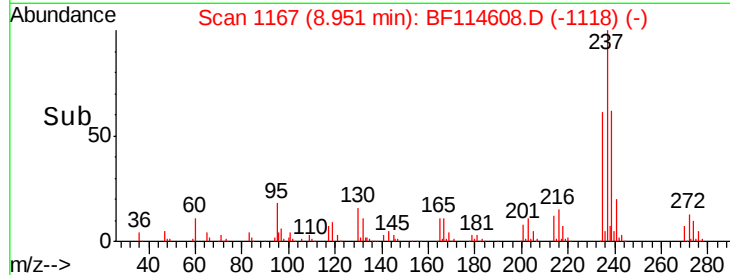
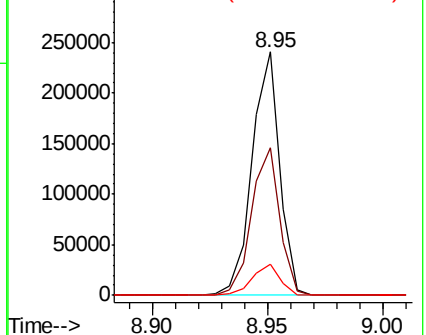
BNA_F

ClientSampleId :

Tot Ion:	237	Resp:	201825
Ion Ratio	Lower	Upper	
237	100		
235	60.6	42.0	82.0
272	13.0	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: 128.802 ng

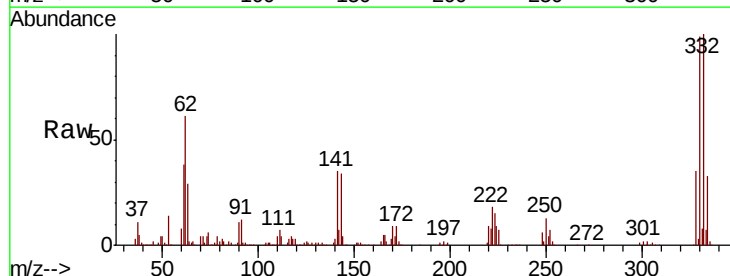
RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

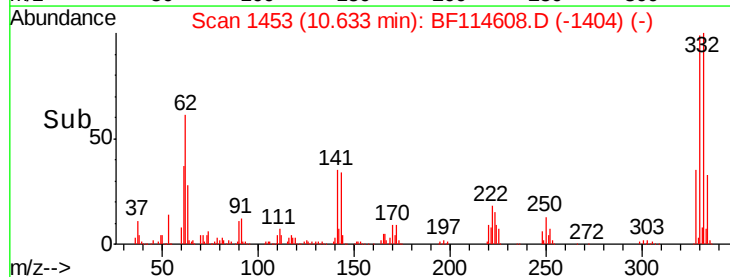
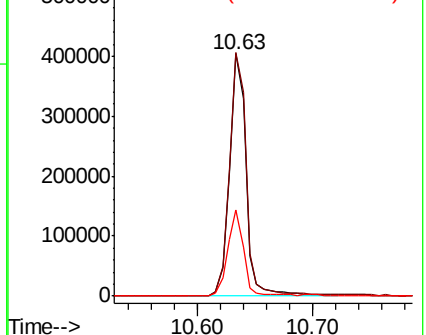
Lab File: BF114608.D

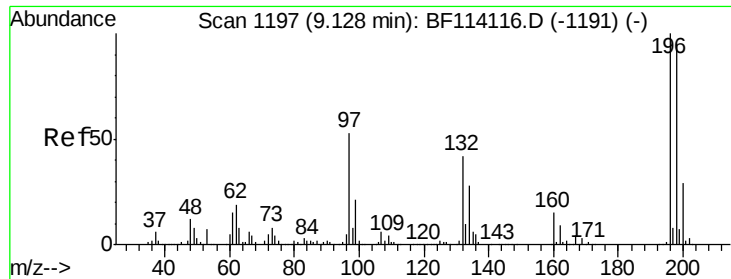
Acq: 25 May 2019 17:12

Tgt Ion:	330	Resp:	403327
Ion Ratio	Lower	Upper	
330	100		
332	104.3	81.4	122.2
141	33.9	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

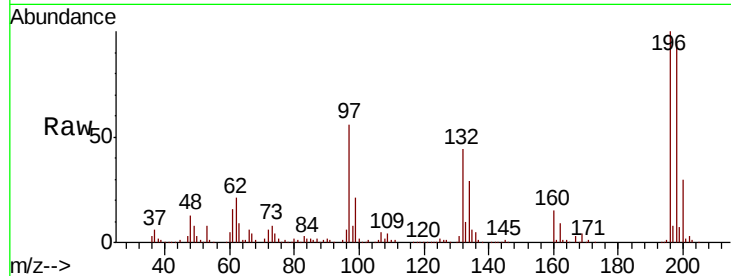




#43
 2,4,6-Trichlorophenol
 Concen: 41.382 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	261163
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.9	113.9
200	30.3	23.5	35.3

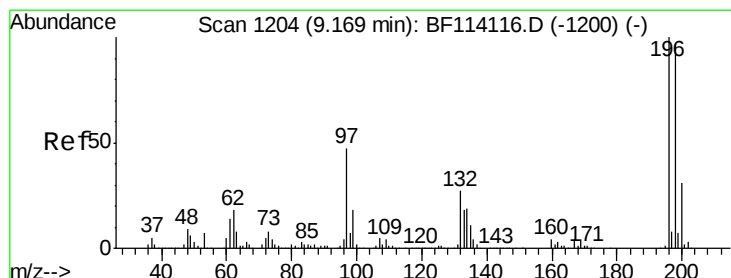
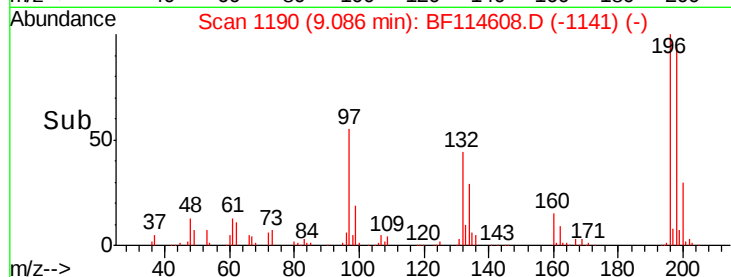
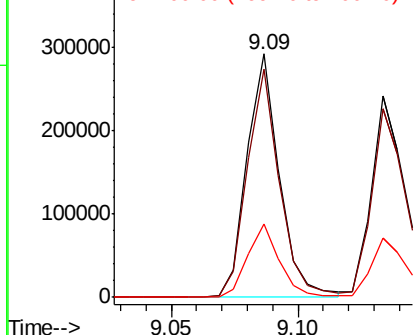


Abundance

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: 41.010 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	196	Resp	265424
Ion Ratio	Lower	Upper	
196	100		
198	93.7	77.7	116.5
97	51.0	38.2	57.2
132	28.9	21.4	32.2

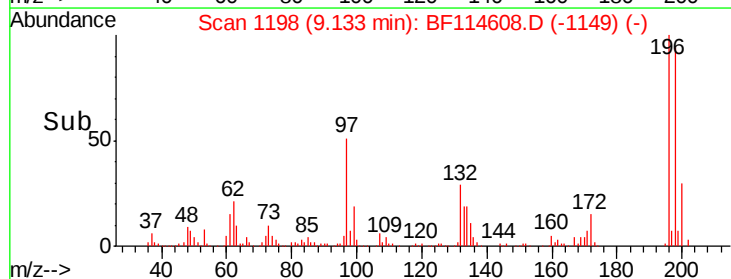
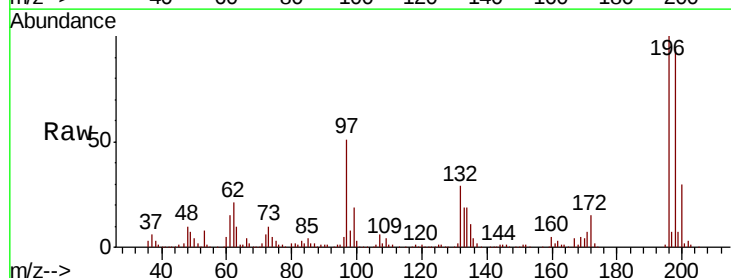
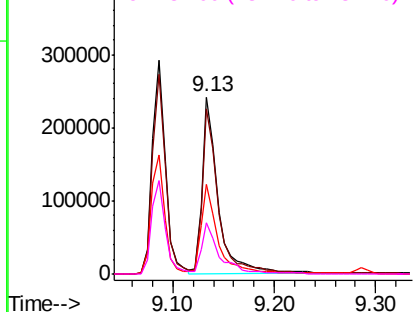
Abundance

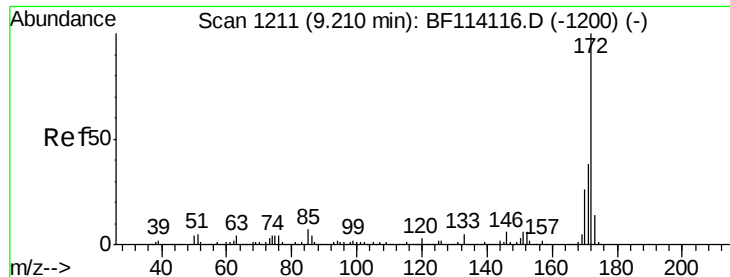
Ion 196.00 (195.70 to 196.70): E

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

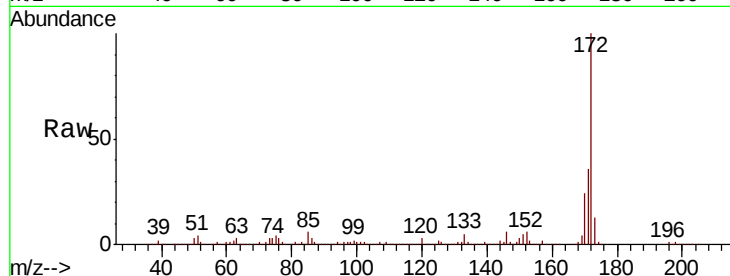




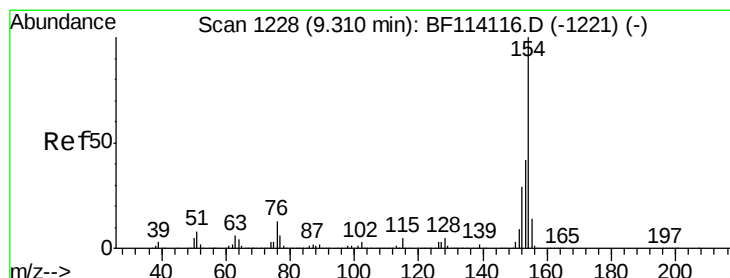
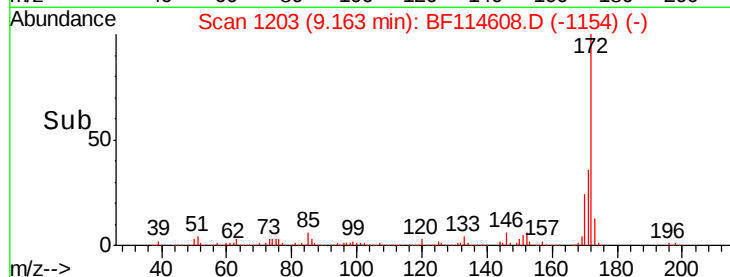
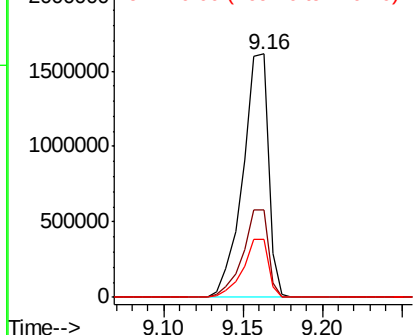
#45
 2-Fluorobiphenyl
 Concen: 90.231 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1806742
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.7 46.1
 170 23.8 20.5 30.7

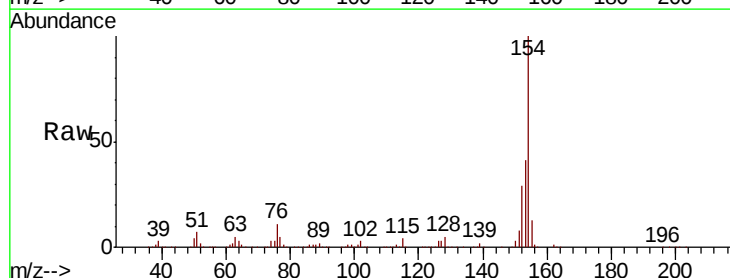


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

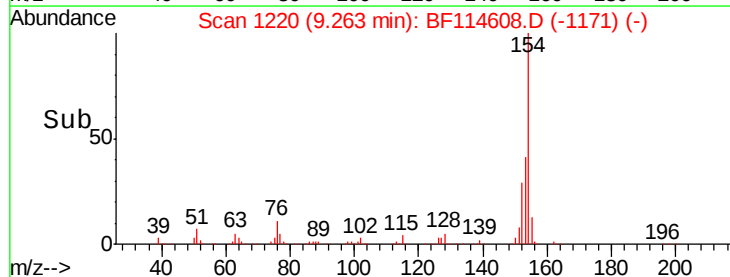
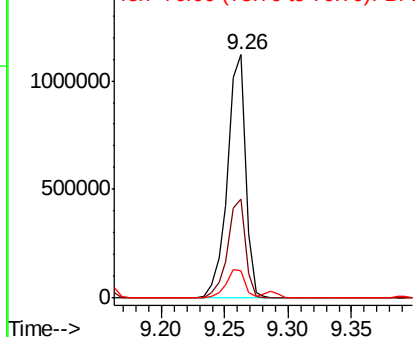


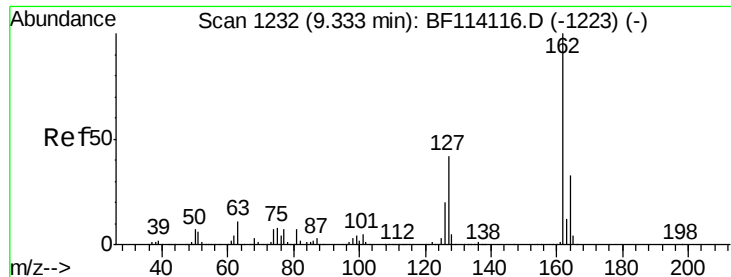
#46
 1,1'-Biphenyl
 Concen: 45.431 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion:154 Resp: 1111671
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.9 61.9
 76 11.2 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

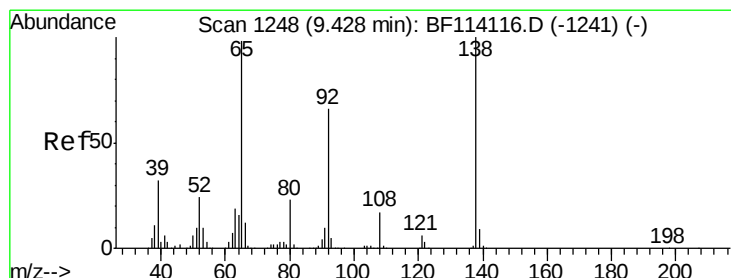
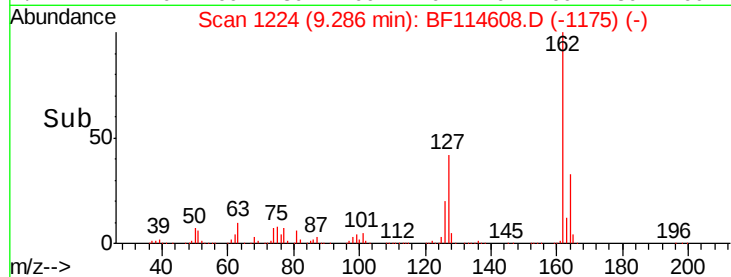
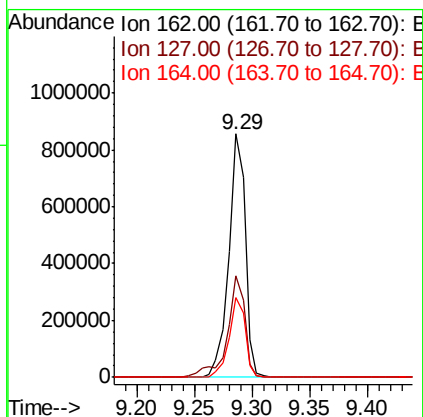
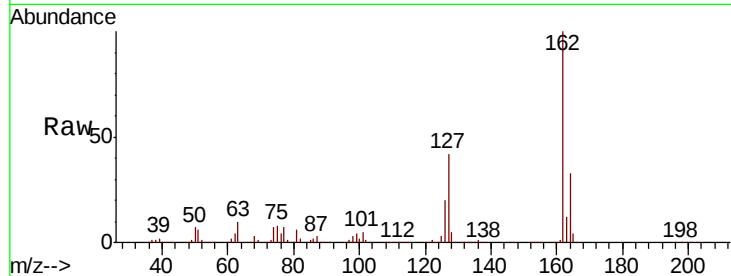




#47
 2-Chloronaphthalene
 Concen: 42.886 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

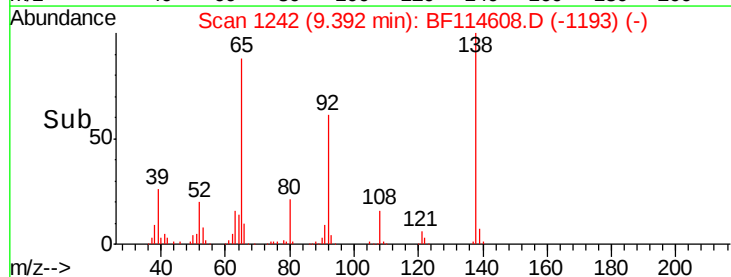
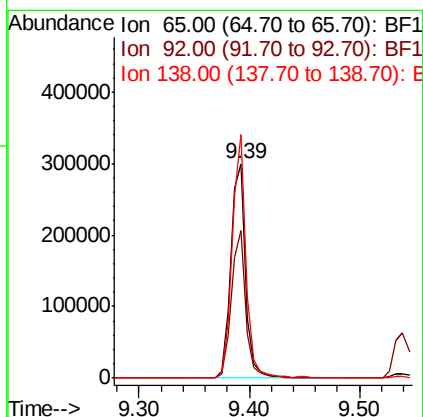
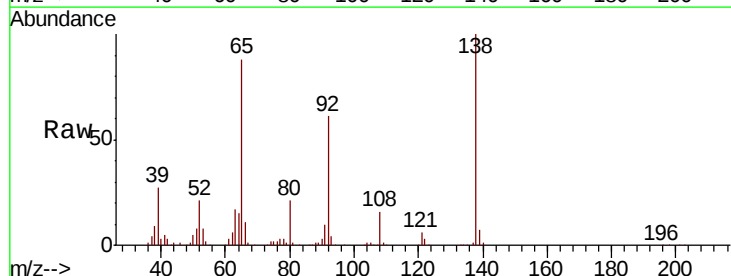
Instrument :
 BNA_F
 ClientSampleId :

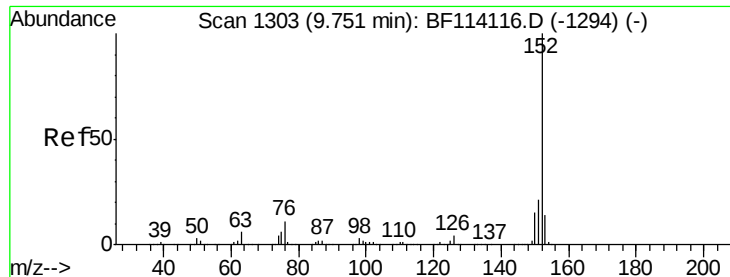
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.0	51.0
164	32.8	26.7	40.1



#48
 2-Nitroaniline
 Concen: 40.468 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.9	80.9
138	113.4	81.4	122.0





#49

Acenaphthylene

Concen: 44.468 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

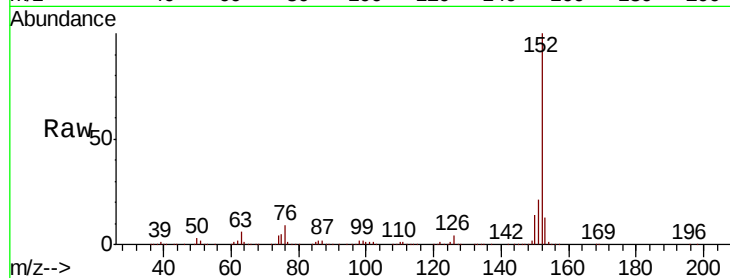
Tot Ion:152 Resp: 1331877

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

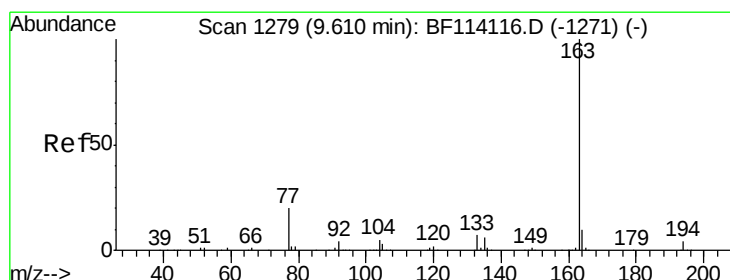
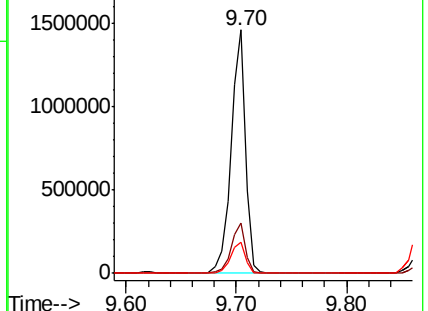
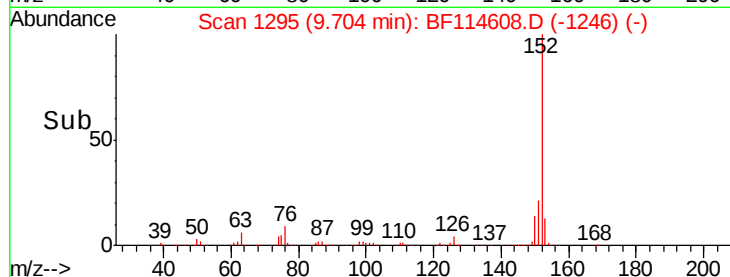
153 13.0 11.4 17.2



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: 43.815 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

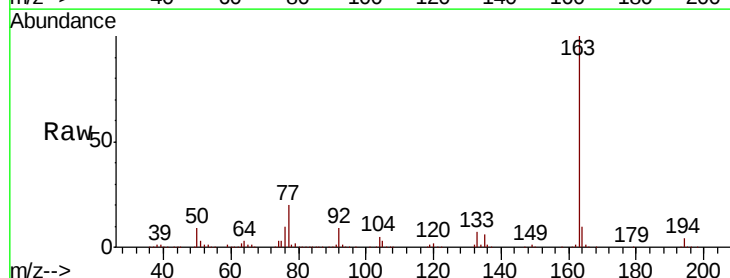
Tgt Ion:163 Resp: 974224

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

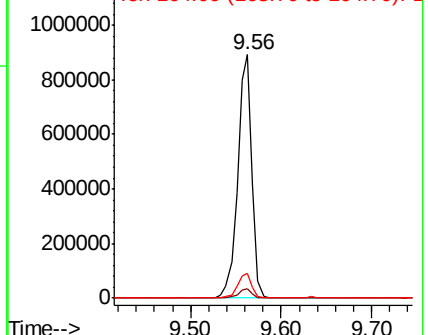
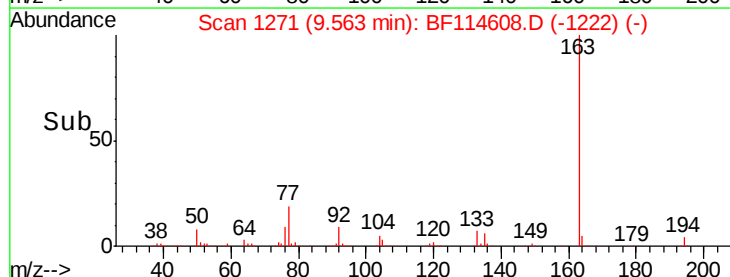
164 10.3 8.2 12.2

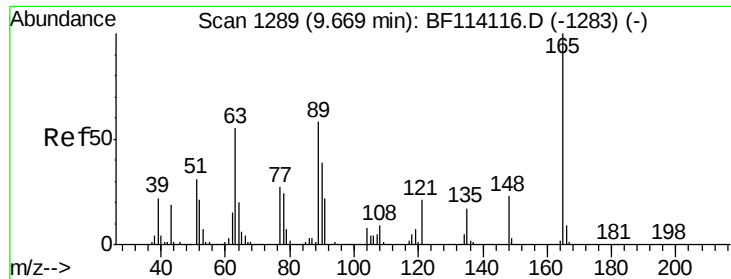


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

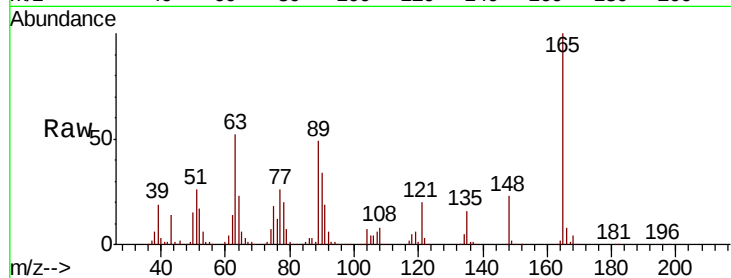




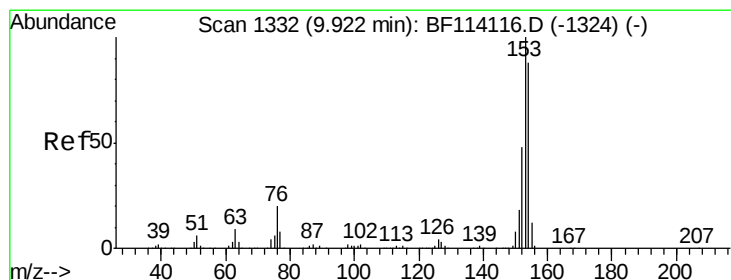
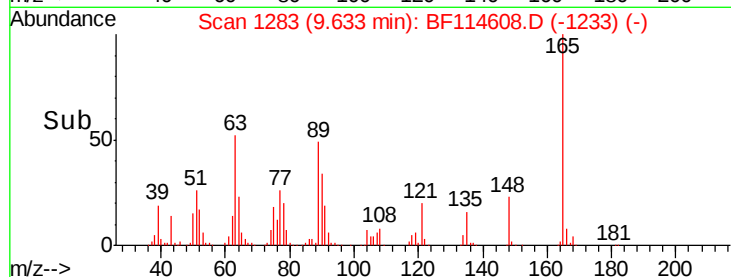
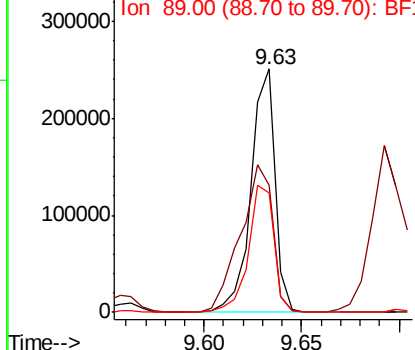
#51
 2,6-Dinitrotoluene
 Concen: 43.784 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	50.2	75.4
89	49.3	46.6	69.8

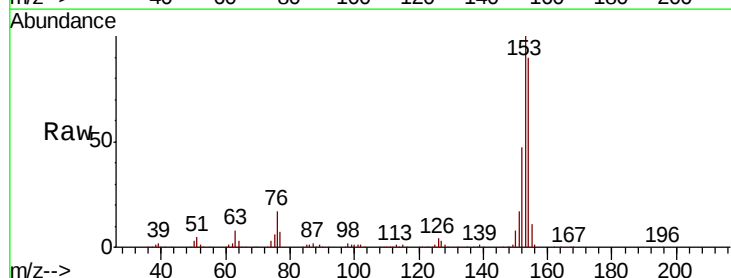


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

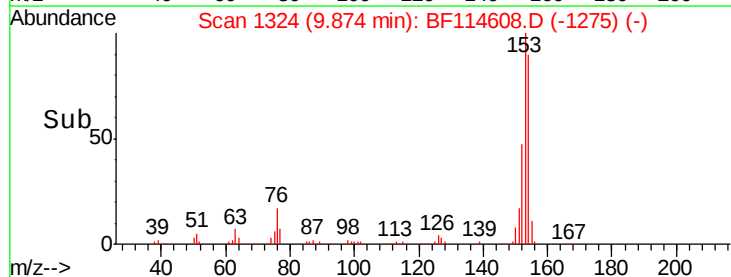
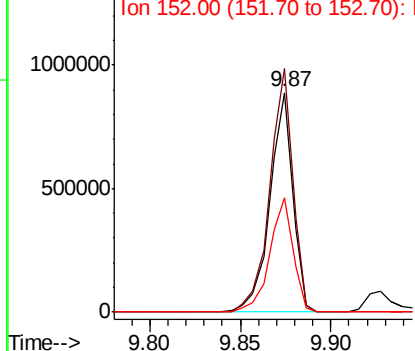


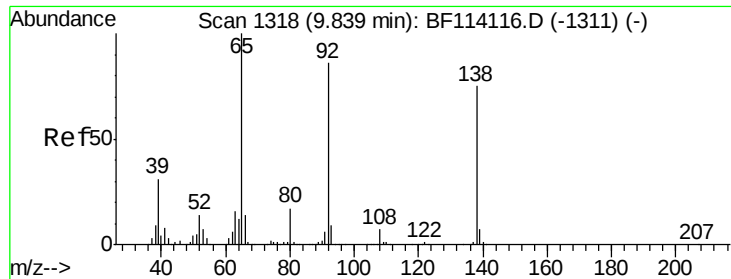
#52
 Acenaphthene
 Concen: 42.643 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.5	135.7
152	52.3	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

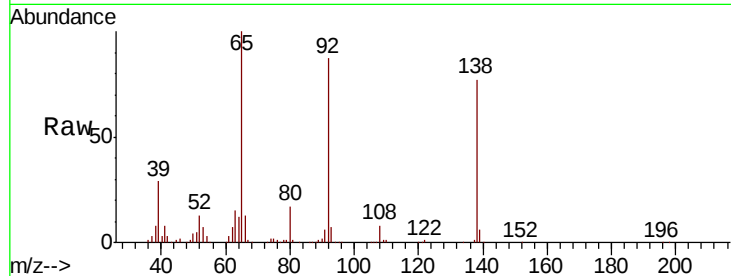




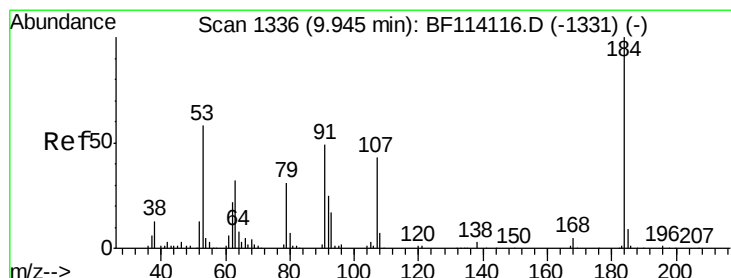
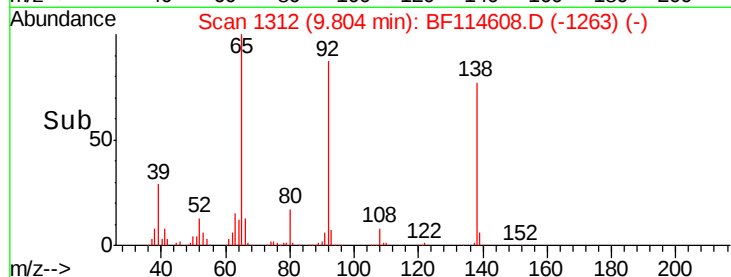
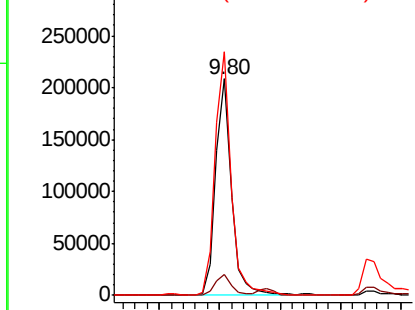
#53
3-Nitroaniline
Concen: 30.817 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 188658
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 112.5 91.2 136.8

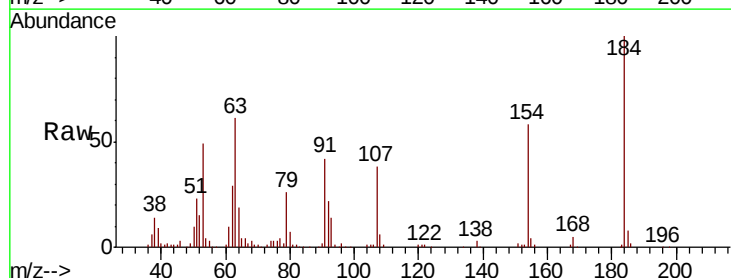


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

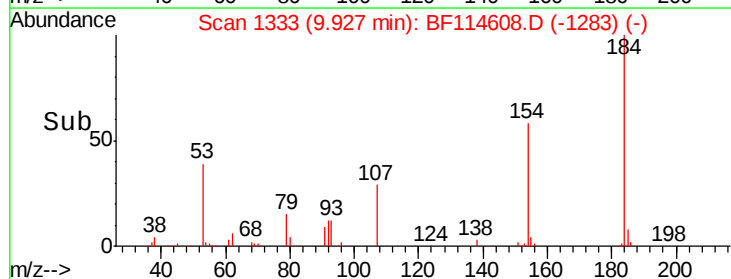
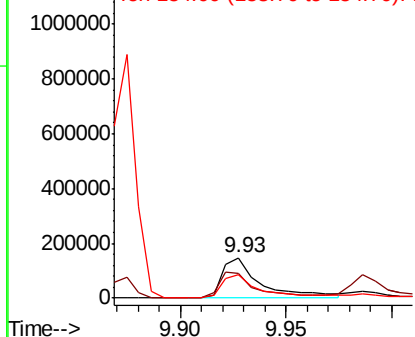


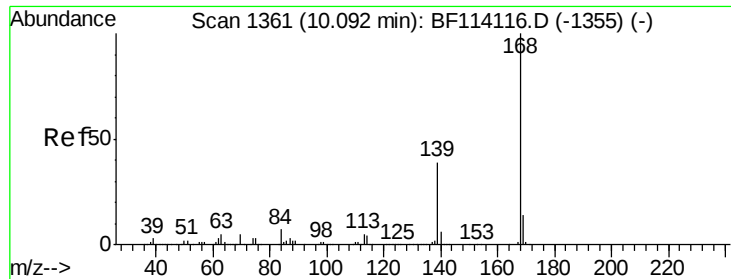
#54
2,4-Dinitrophenol
Concen: 75.189 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:184 Resp: 185357
Ion Ratio Lower Upper
184 100
63 60.6 55.6 83.4
154 57.8 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

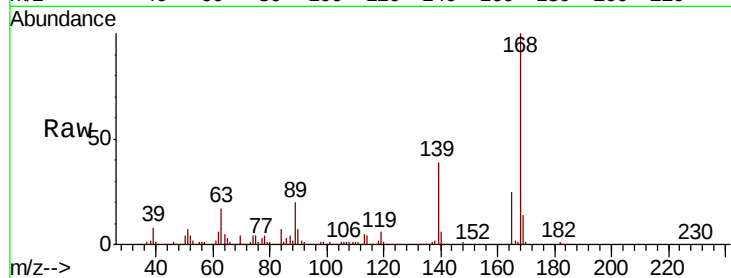




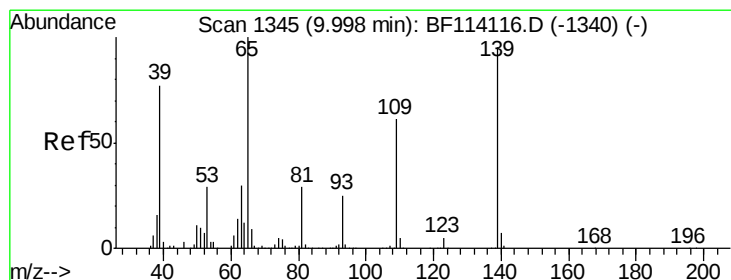
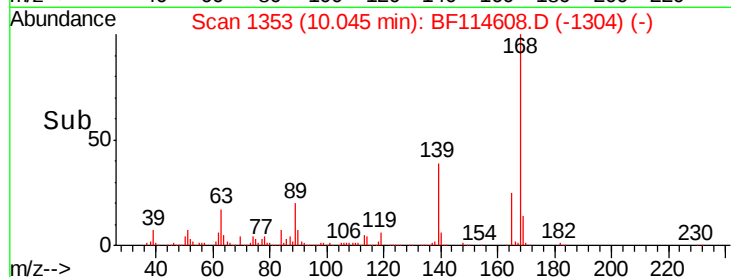
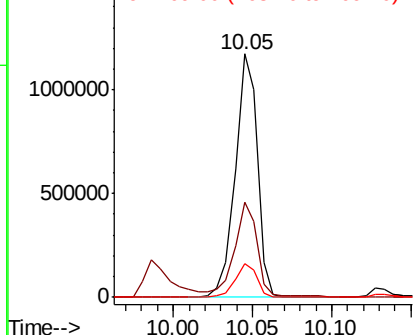
#55
Dibenzofuran
Concen: 41.900 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1129250
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 14.0 11.4 17.0

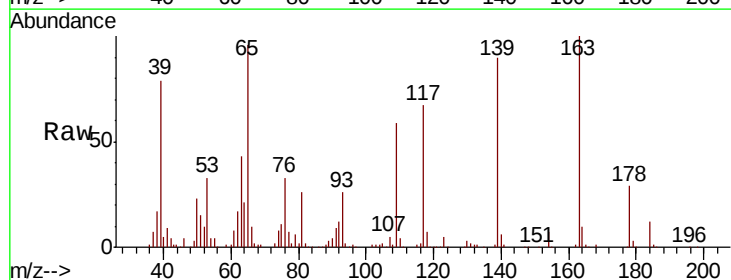


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

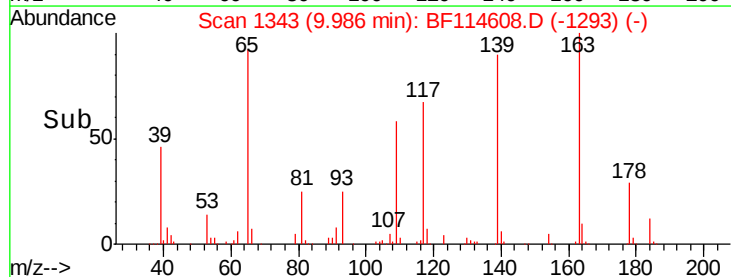
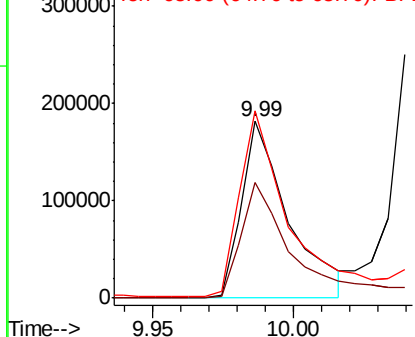


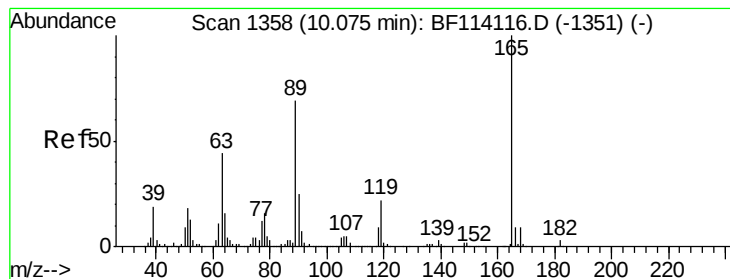
#56
4-Nitrophenol
Concen: 48.367 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:139 Resp: 209399
Ion Ratio Lower Upper
139 100
109 65.5 43.9 83.9
65 106.2 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.174 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 262223

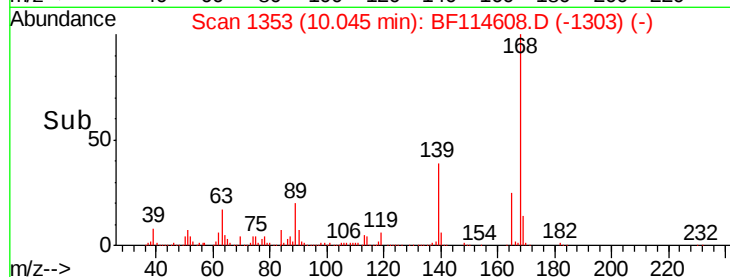
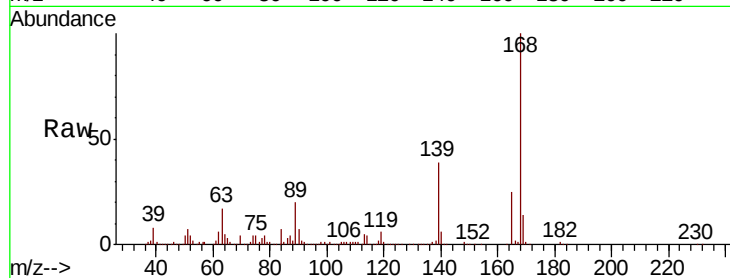
Ion Ratio Lower Upper

165 100

63 65.8 35.5 53.3#

89 80.8 55.2 82.8

182 2.7 2.2 3.2

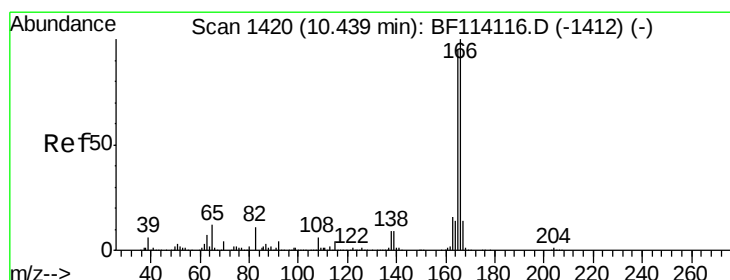
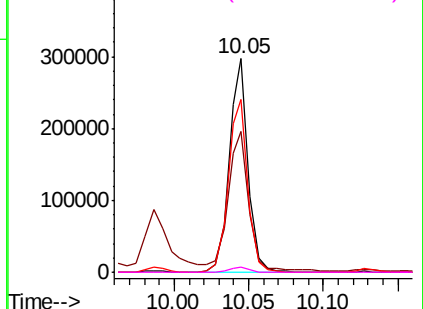


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.340 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

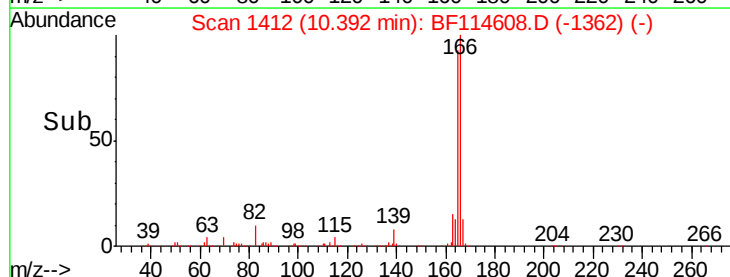
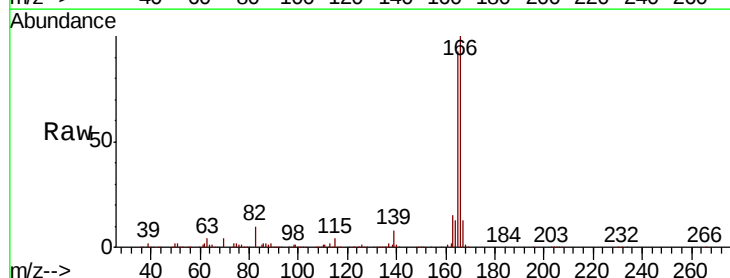
Tgt Ion:166 Resp: 943859

Ion Ratio Lower Upper

166 100

165 93.4 76.1 114.1

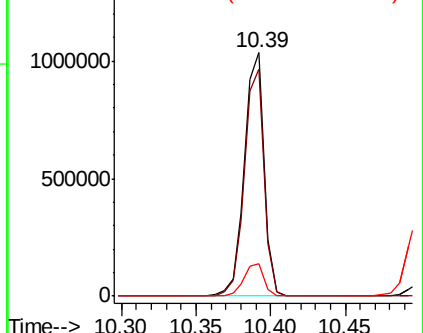
167 13.2 11.1 16.7

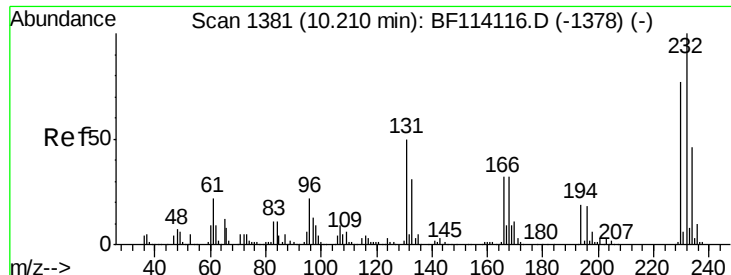


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

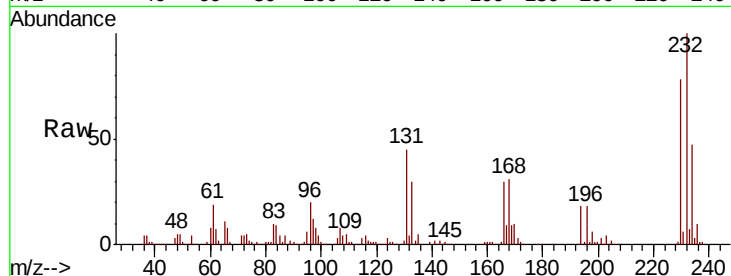




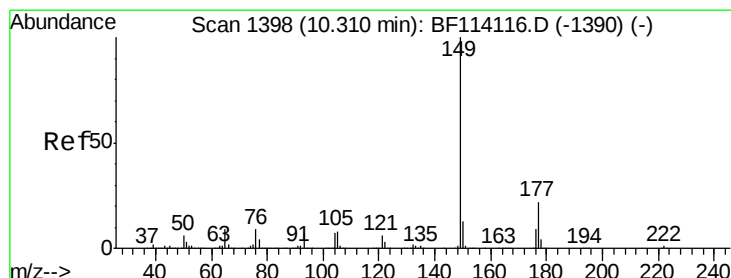
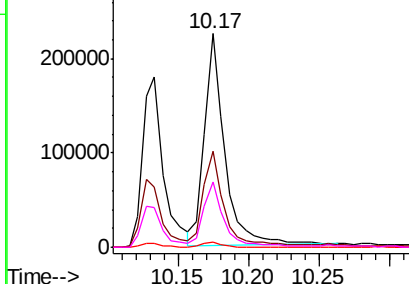
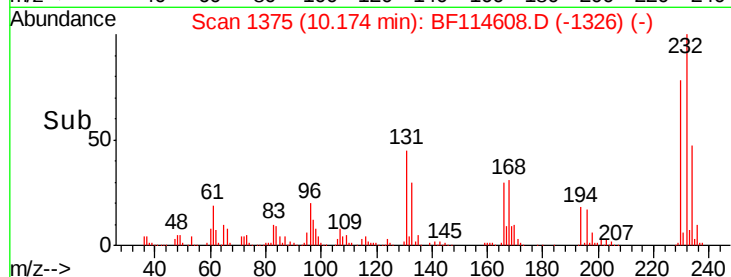
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.358 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	35.6	53.4
130	2.3	1.6	2.4
166	29.7	24.1	36.1

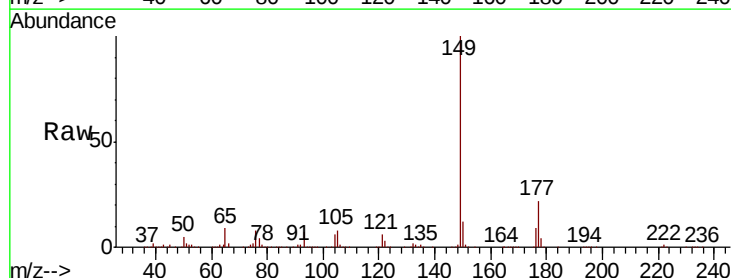


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

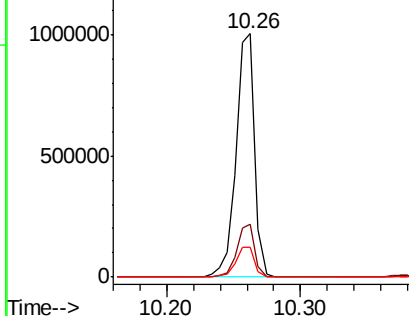
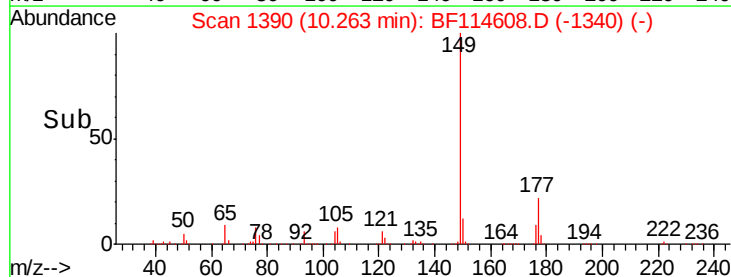


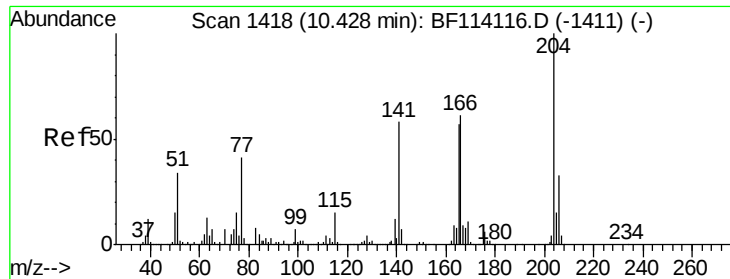
#60
Diethylphthalate
Concen: 43.128 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.6
150	12.4	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

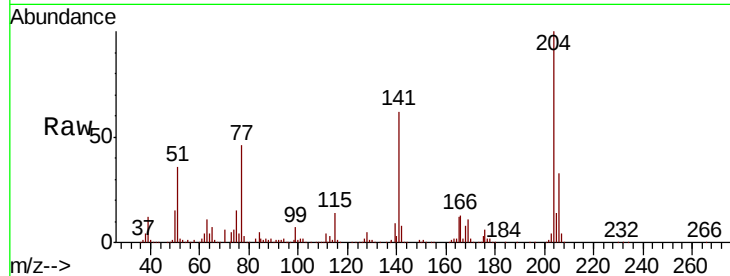




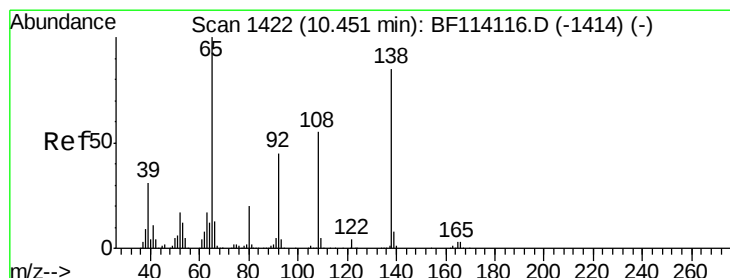
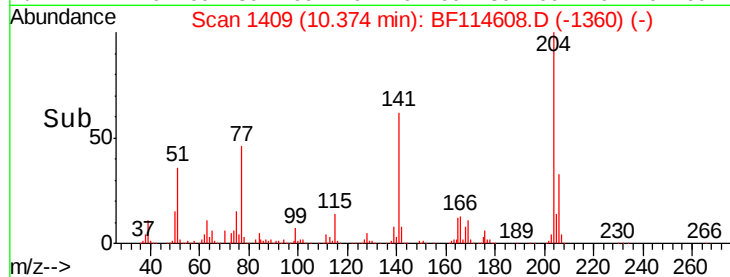
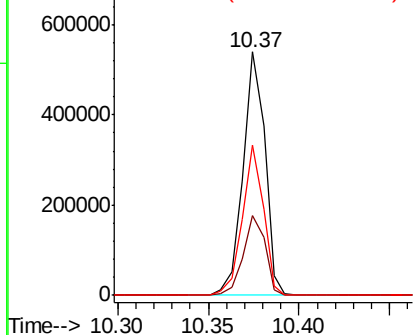
#61
 4-Chlorophenyl-phenylether
 Concen: 44.304 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	61.9	46.4	69.6

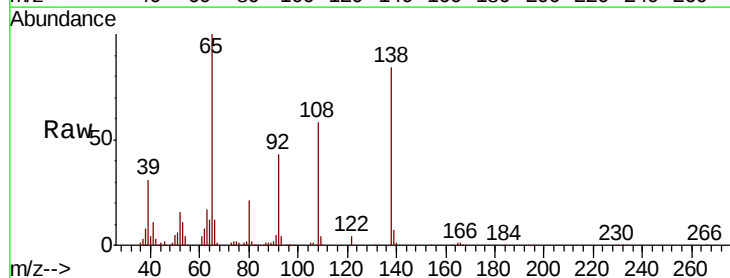


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

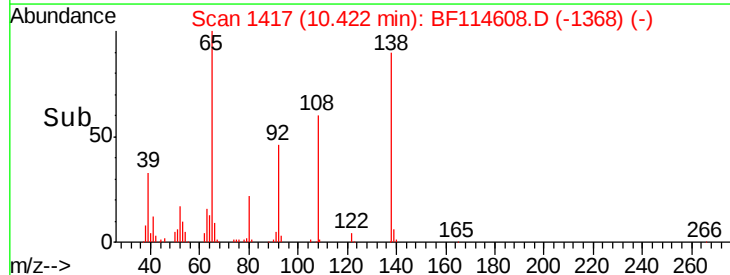
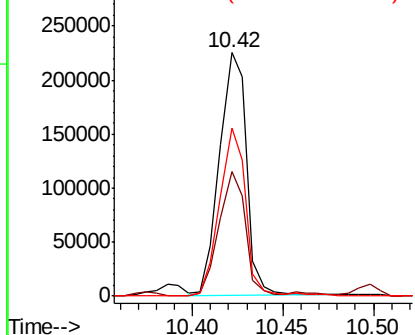


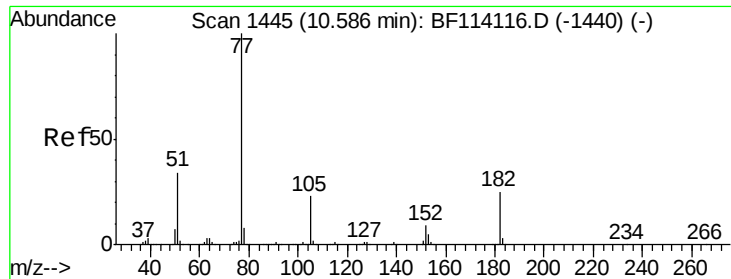
#62
 4-Nitroaniline
 Concen: 36.403 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.0	73.0
108	68.8	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: 42.506 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 929517

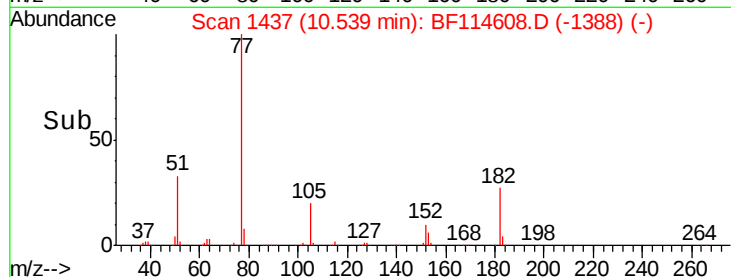
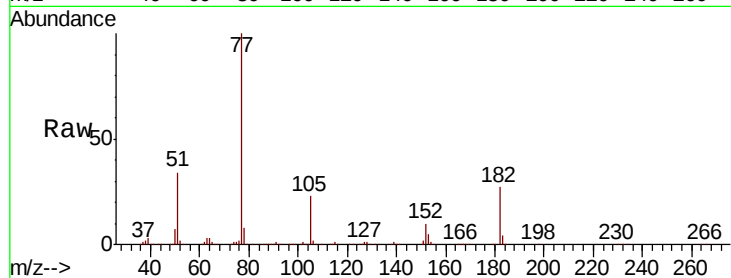
Ion Ratio Lower Upper

77 100

182 26.8 4.7 44.7

105 23.0 2.9 42.9

51 34.0 14.6 54.6

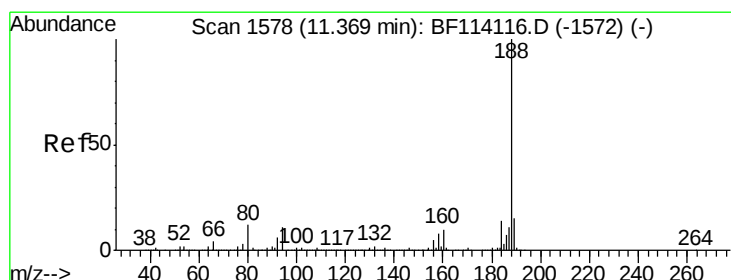
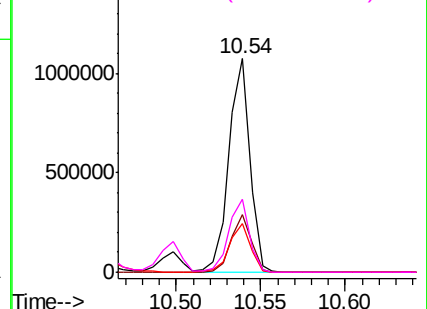


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

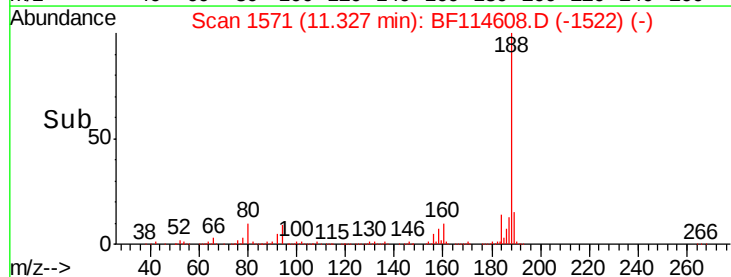
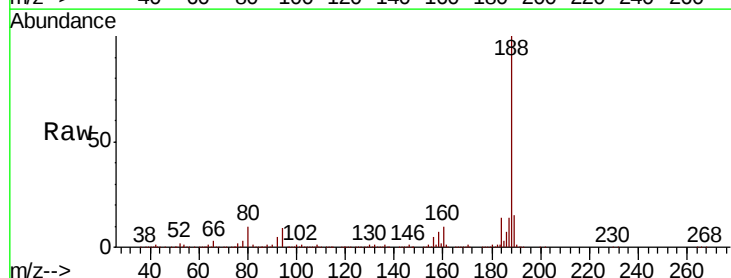
Tgt Ion: 188 Resp: 599705

Ion Ratio Lower Upper

188 100

94 9.1 8.4 12.6

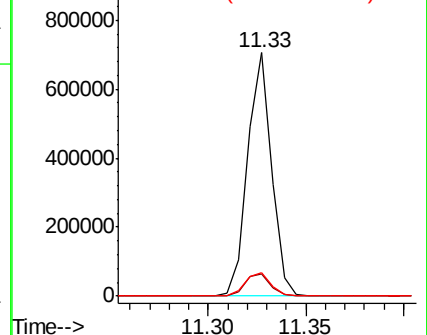
80 9.5 9.2 13.8

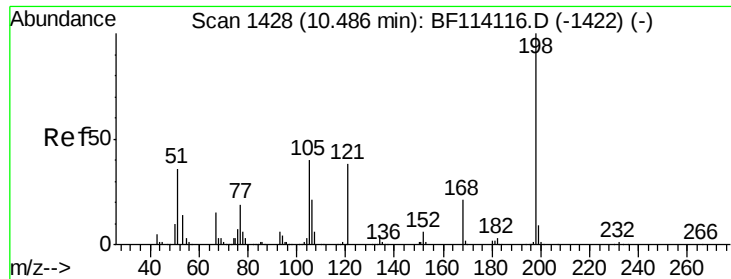


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 44.374 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

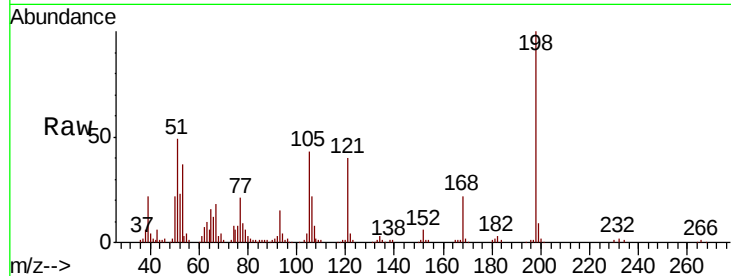
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 127870

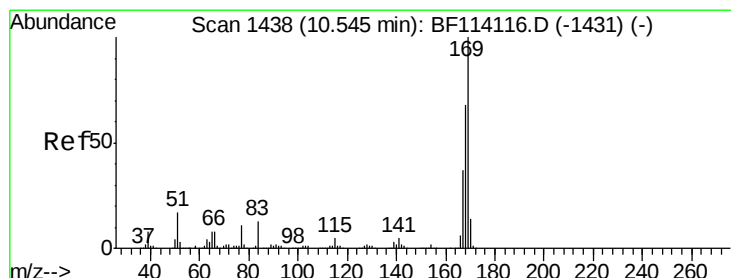
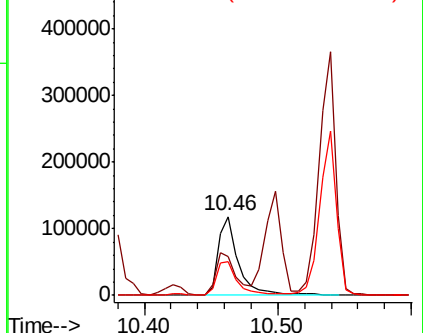
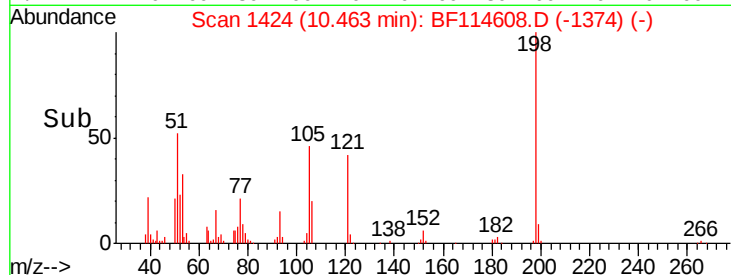
Ion	Ratio	Lower	Upper
198	100		
51	49.2	28.0	68.0
105	43.0	21.1	61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.957 ng

RT: 10.50 min Scan# 1430

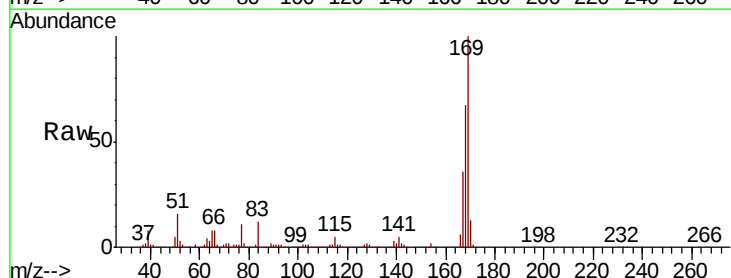
Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:169 Resp: 836477

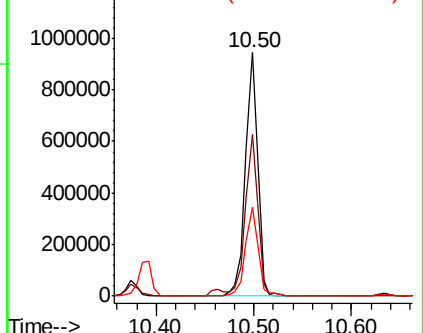
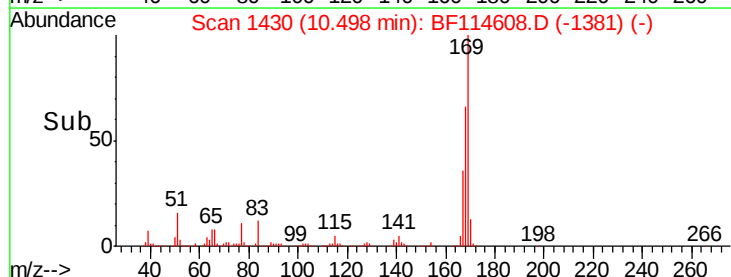
Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.2	81.2
167	36.5	29.8	44.8

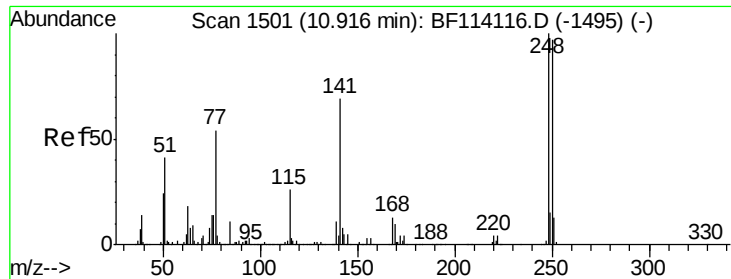


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

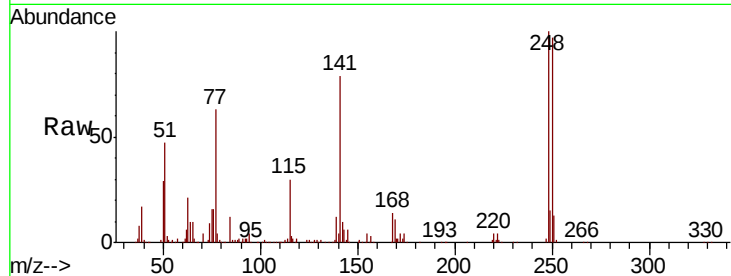




#67
4-Bromophenyl-phenylether
Concen: 42.958 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	78.5	55.6	83.4

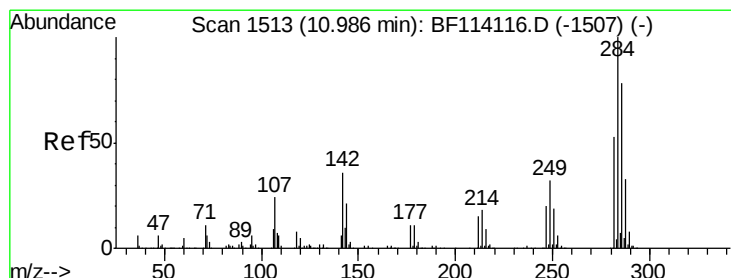
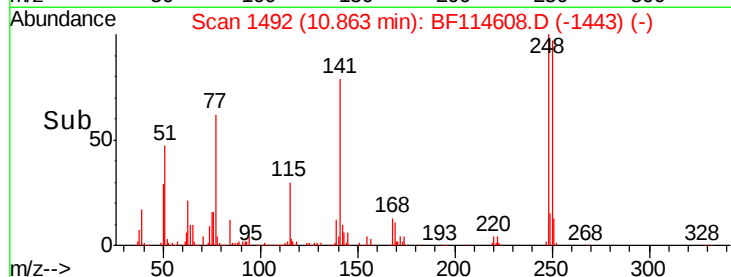
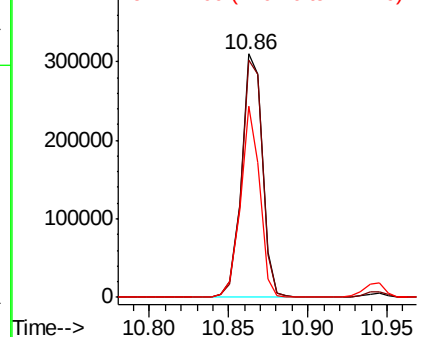


Abundance

Ion 248.00 (247.70 to 248.70): E

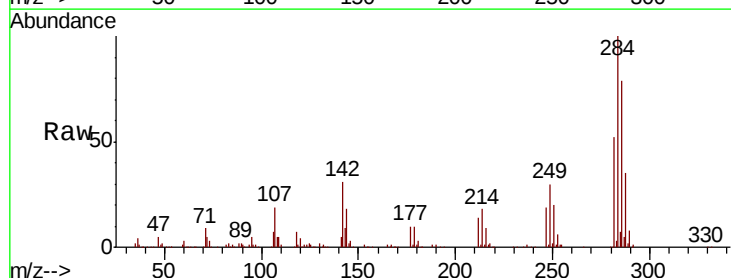
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.669 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	28.4	42.6
249	30.2	25.2	37.8

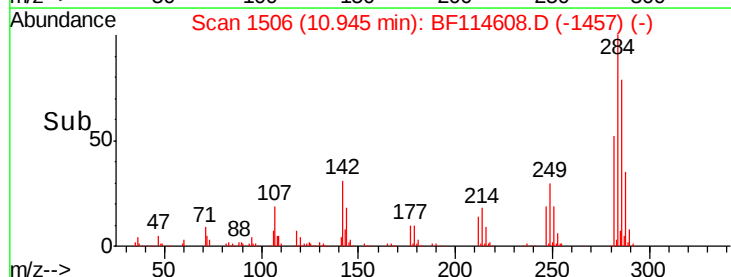
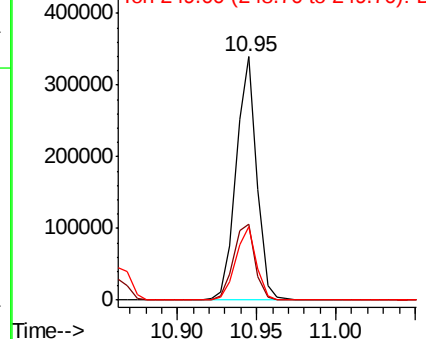


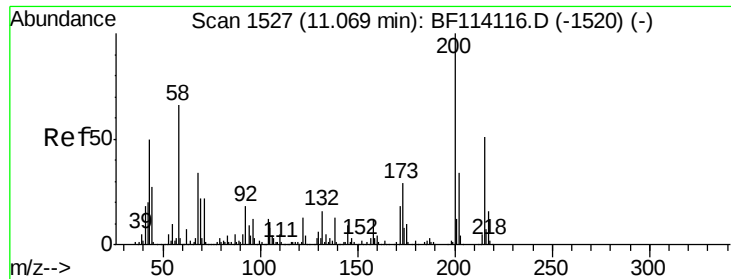
Abundance

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

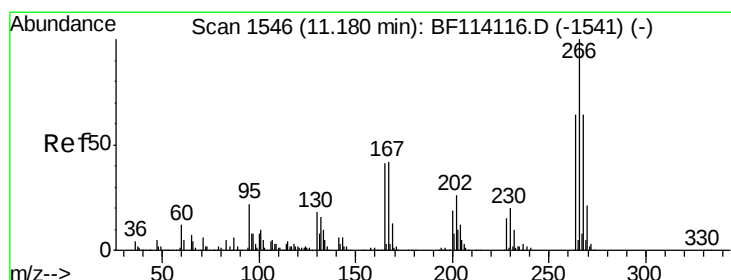
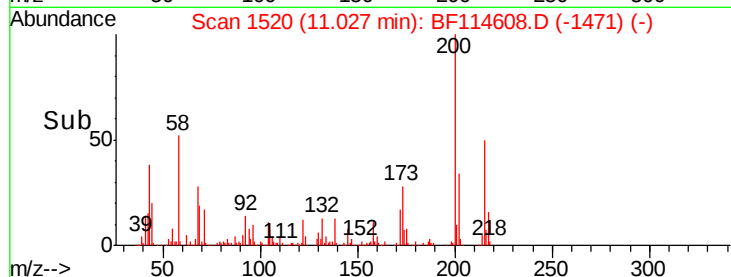
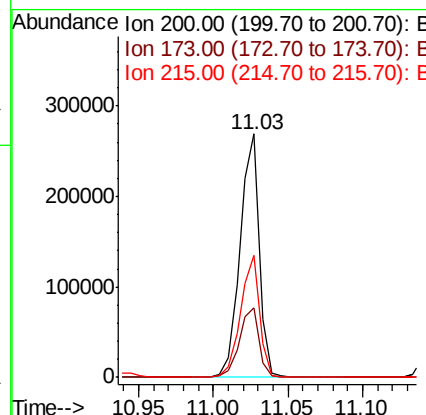
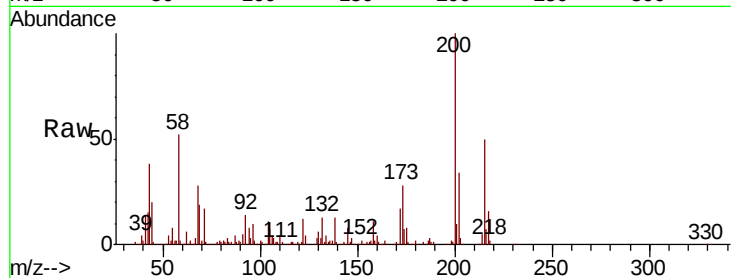




#69
Atrazine
Concen: 43.016 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

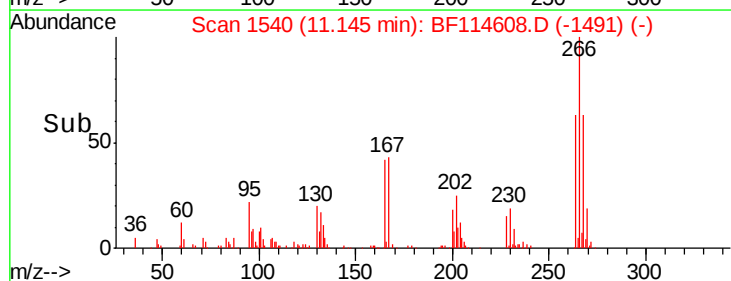
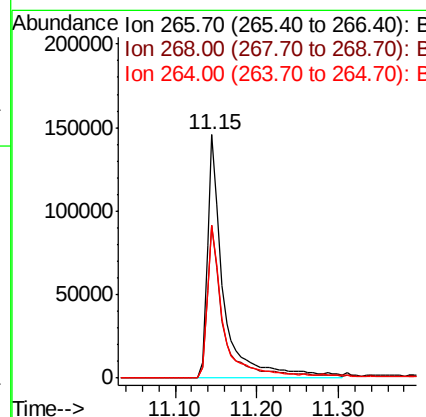
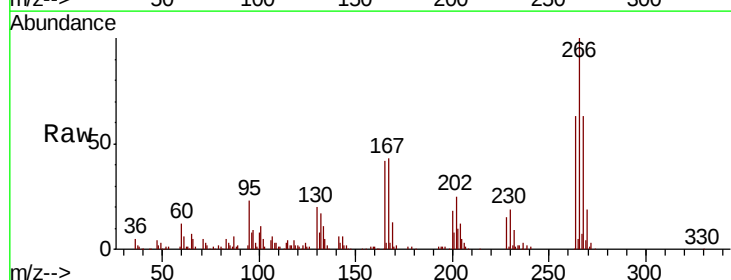
Instrument :
BNA_F
ClientSampleId :

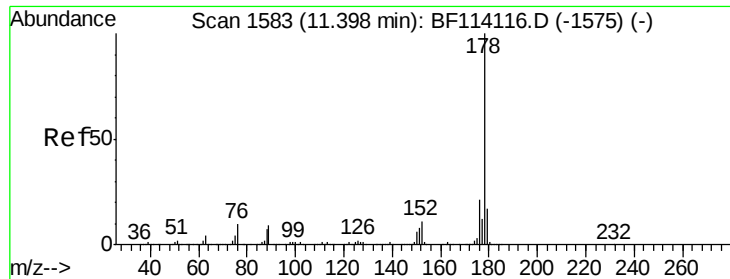
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.9	48.9
215	50.2	30.7	70.7



#70
Pentachlorophenol
Concen: 58.886 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.8	51.1	76.7





#71

Phenanthrene

Concen: 45.049 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

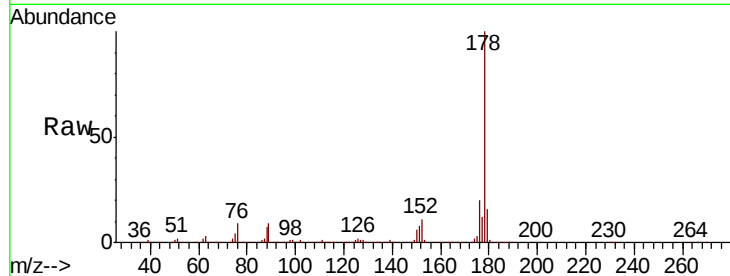
Tot Ion:178 Resp: 1314379

Ion Ratio Lower Upper

178 100

176 19.7 16.4 24.6

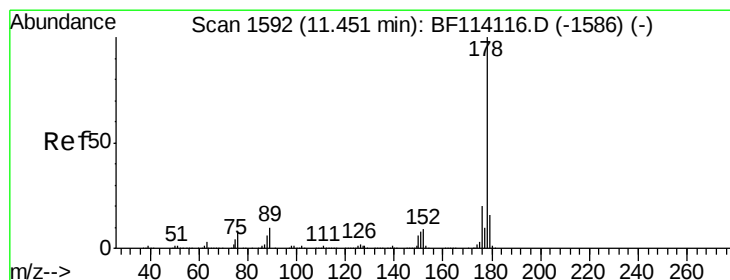
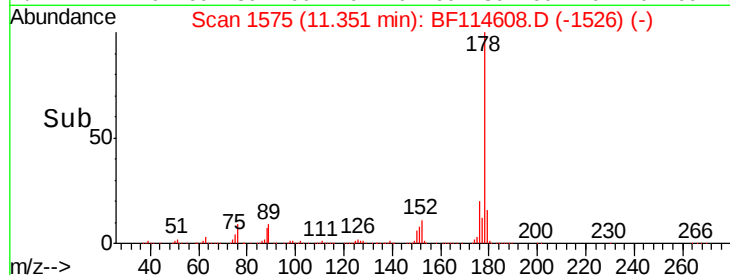
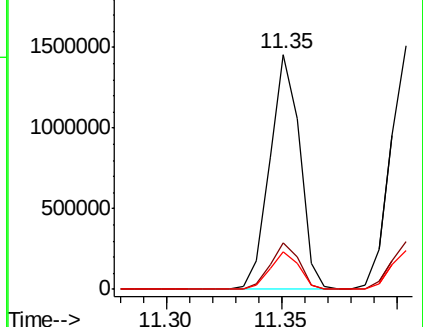
179 16.2 13.2 19.8



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: 46.261 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

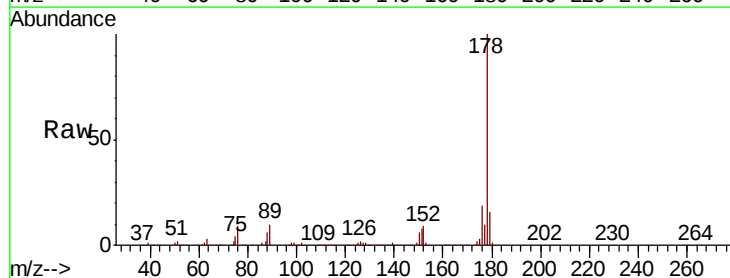
Tgt Ion:178 Resp: 1355675

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

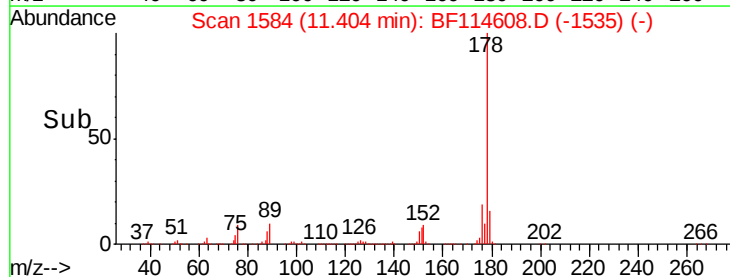
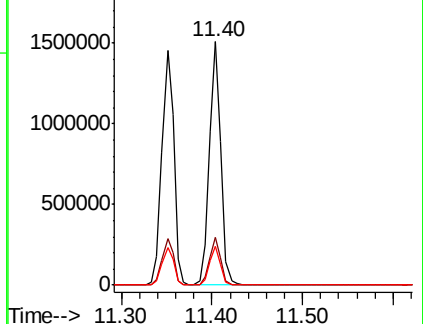
179 15.9 13.0 19.4

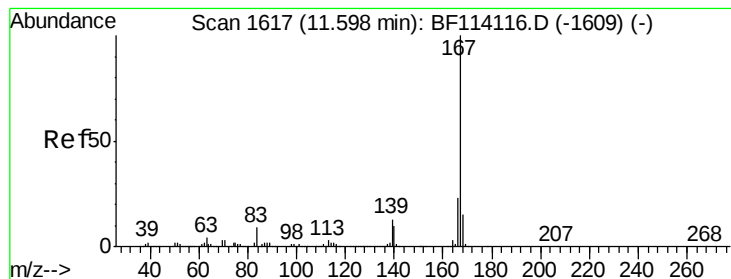


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.800 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

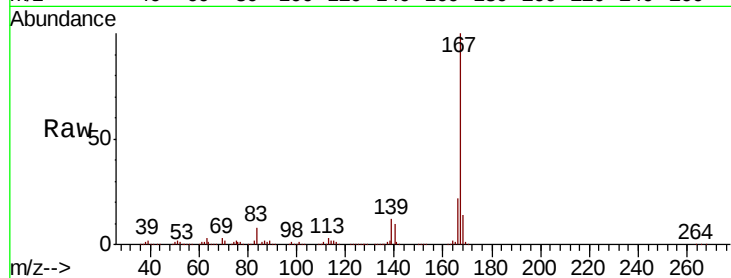
Tot Ion:167 Resp: 1251942

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

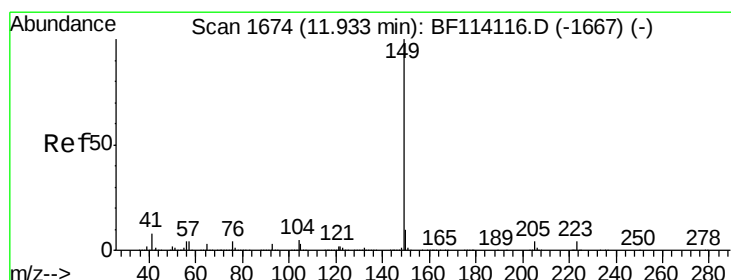
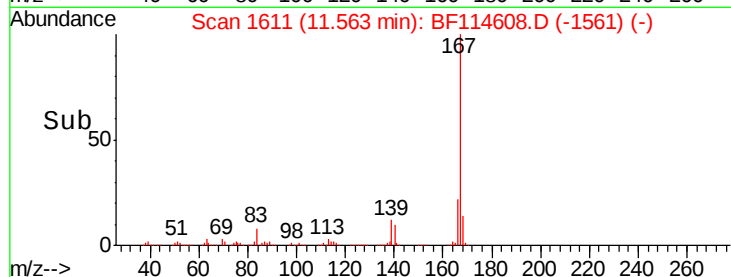
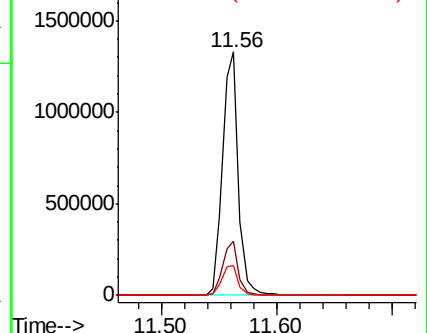
139 12.5 10.6 16.0



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: 46.536 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

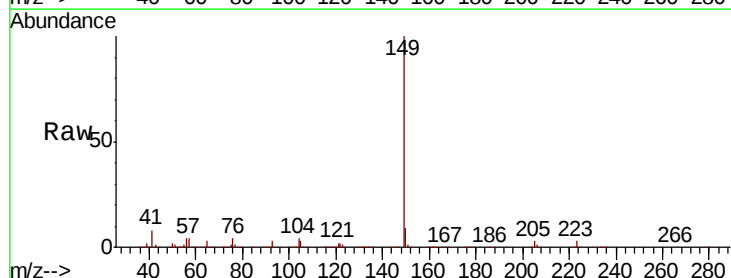
Tgt Ion:149 Resp: 1498224

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

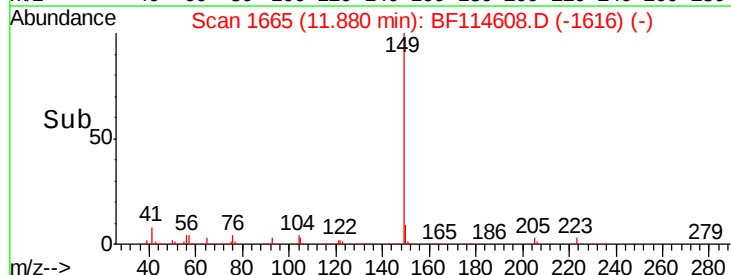
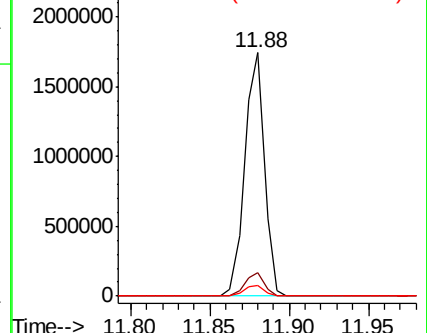
104 4.4 3.6 5.4

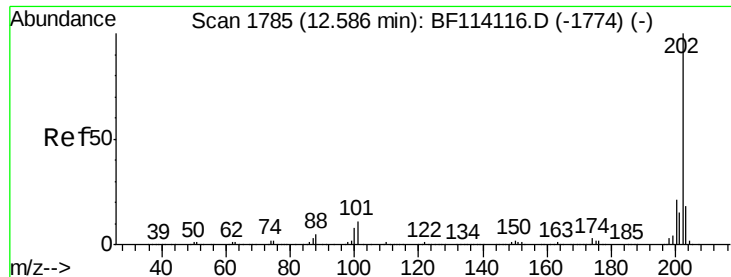


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

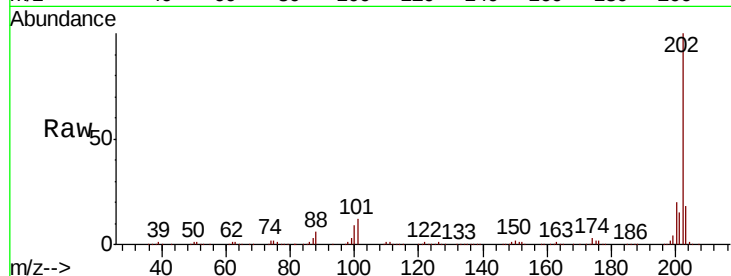




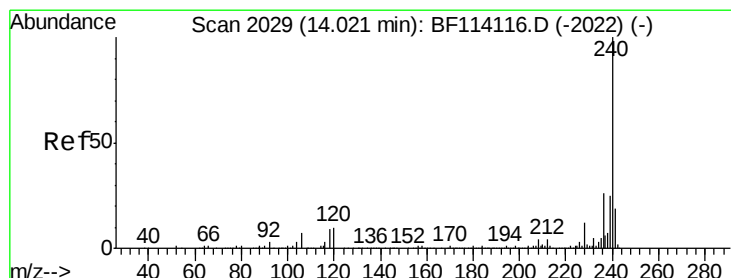
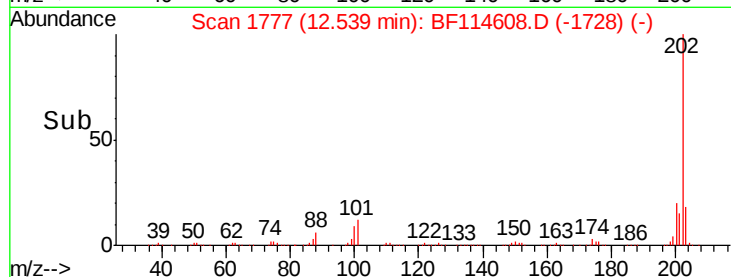
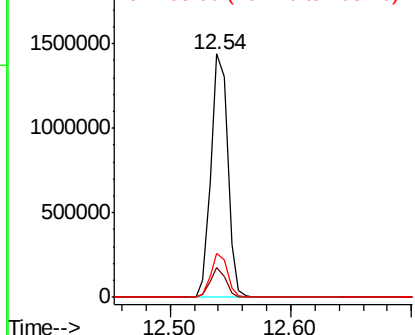
#75
Fluoranthene
Concen: 43.998 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1382370
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.0
203 18.1 0.0 38.4

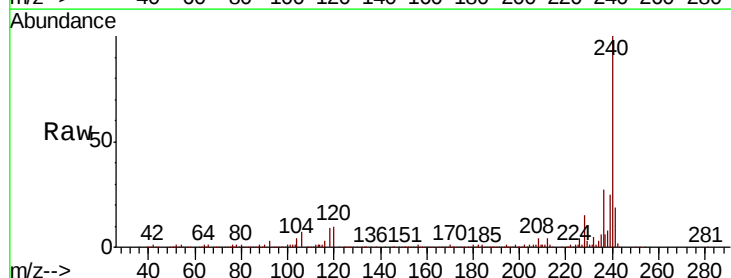


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

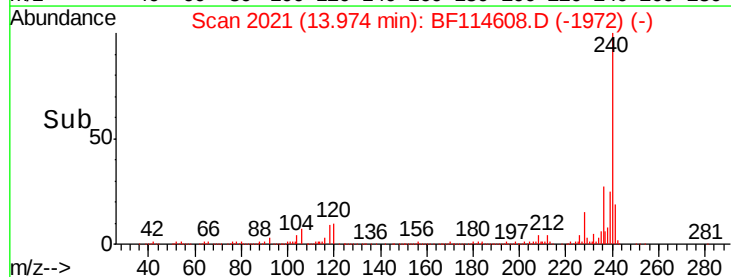
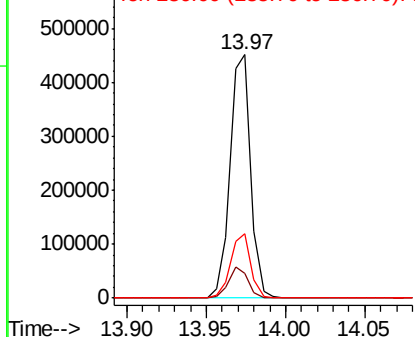


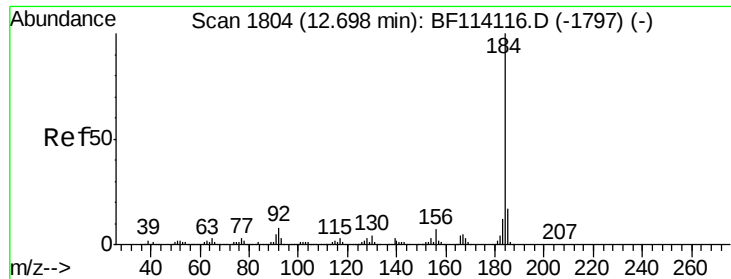
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:240 Resp: 406688
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.7 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: 43.895 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

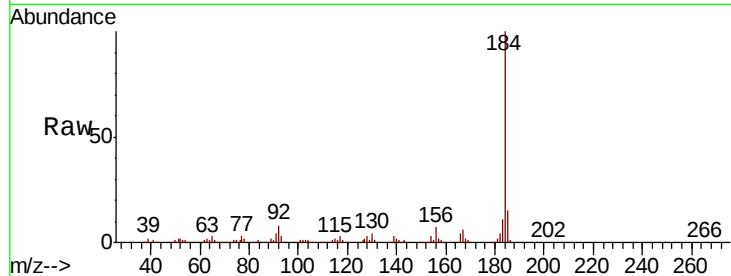
Tot Ion:184 Resp: 801336

Ion Ratio Lower Upper

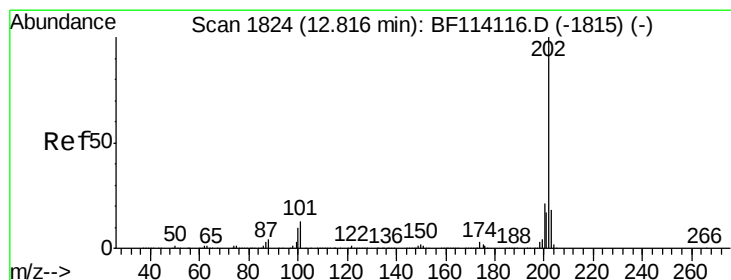
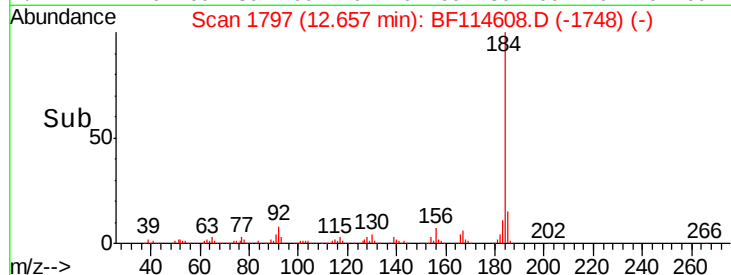
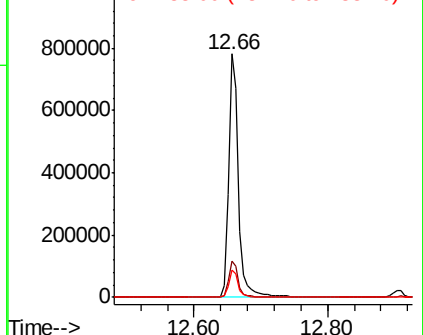
184 100

185 15.0 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: 42.772 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

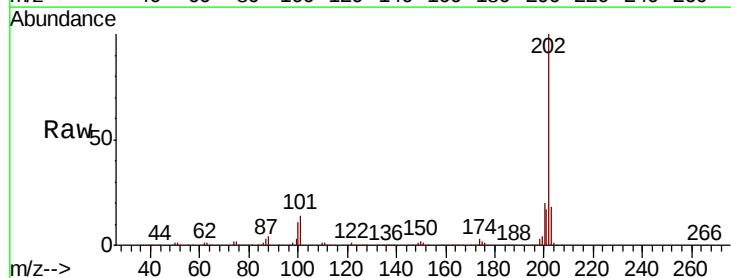
Tgt Ion:202 Resp: 1399335

Ion Ratio Lower Upper

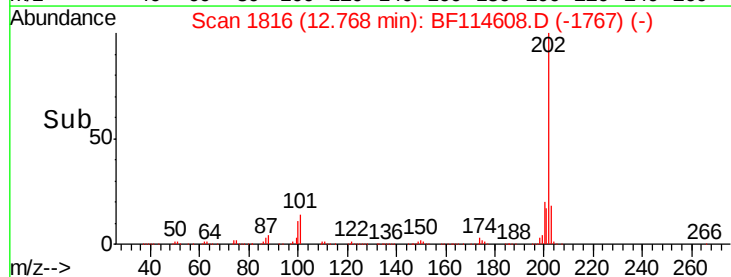
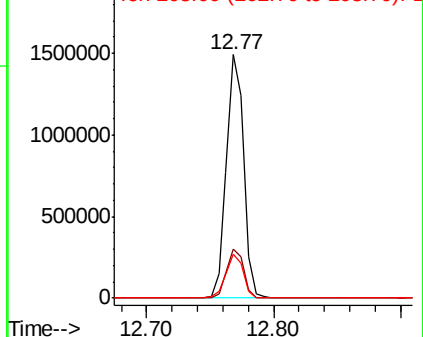
202 100

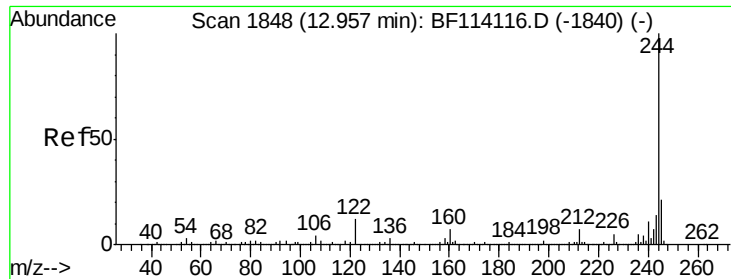
200 20.2 16.9 25.3

203 17.8 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: 91.494 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

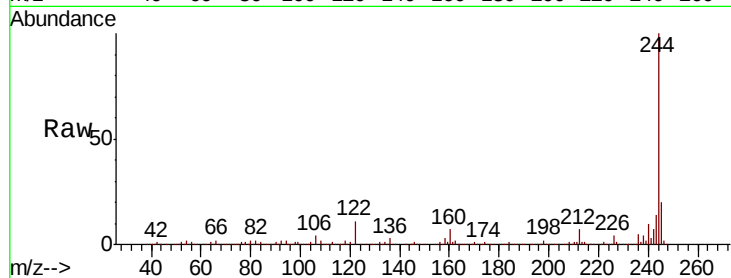
Tot Ion:244 Resp: 1805029

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

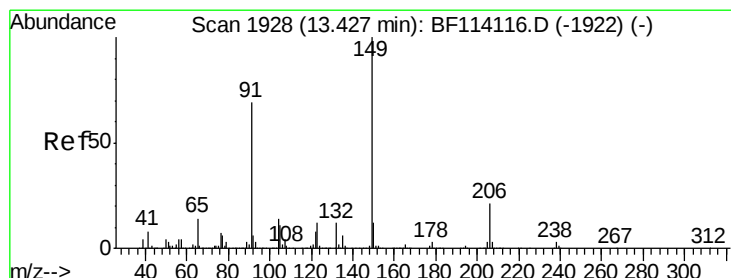
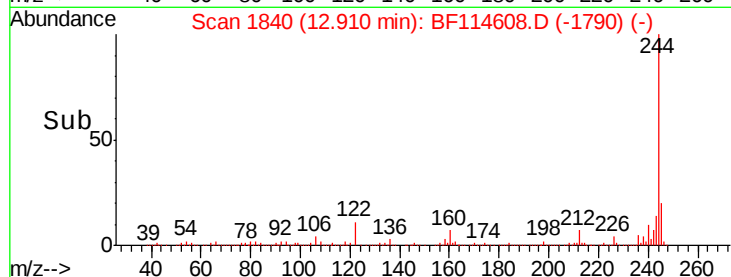
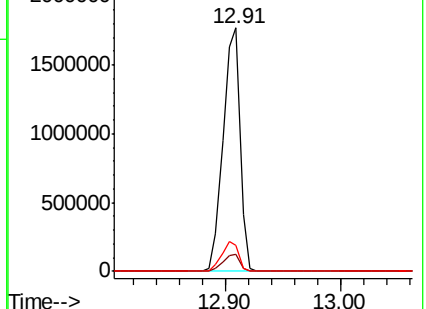
122 10.8 9.4 14.2



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: 46.576 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

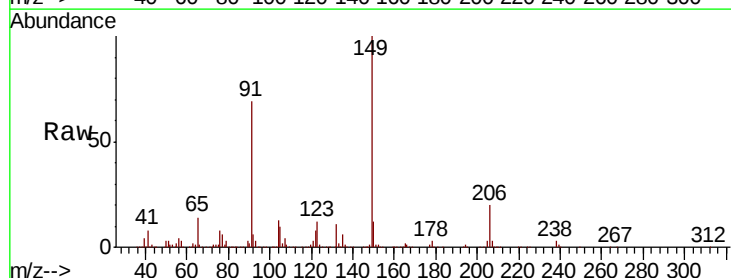
Tgt Ion:149 Resp: 641368

Ion Ratio Lower Upper

149 100

91 69.2 55.0 82.4

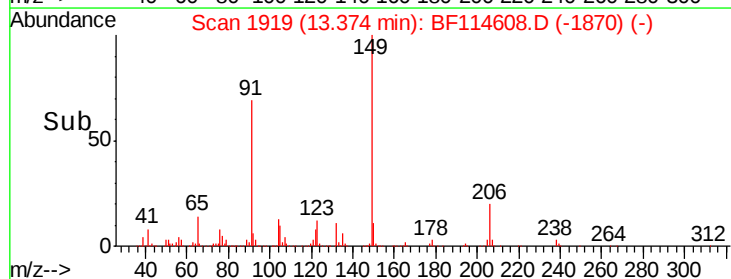
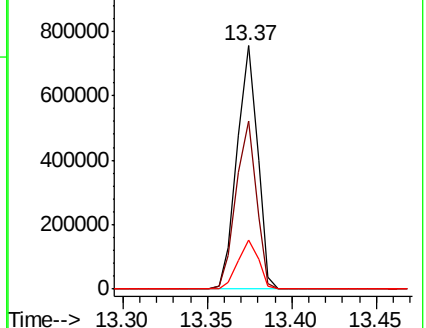
206 20.1 16.9 25.3

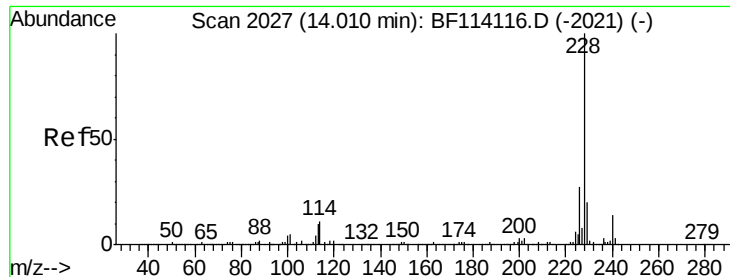


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

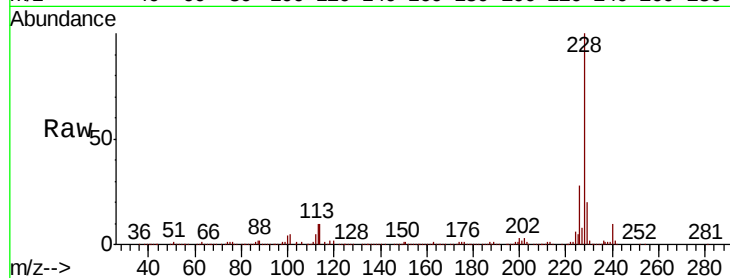




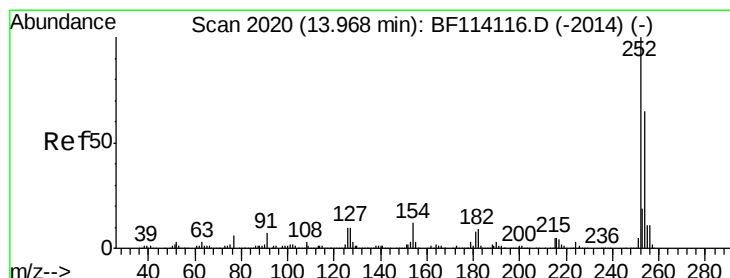
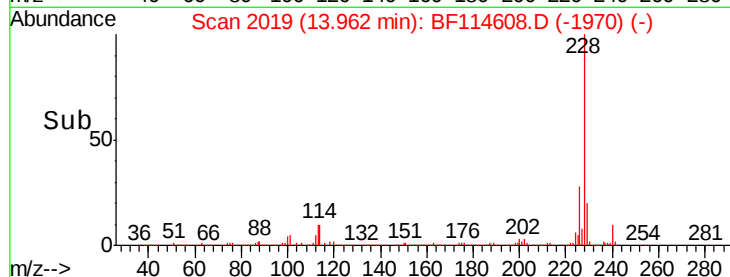
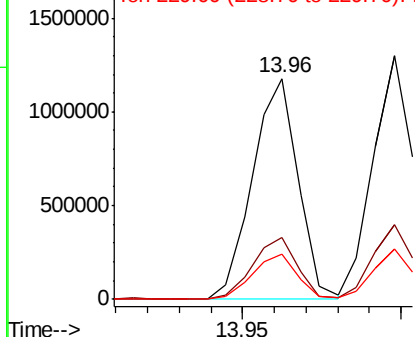
#81
Benzo(a)anthracene
Concen: 44.504 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1170649
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 20.4 16.4 24.6

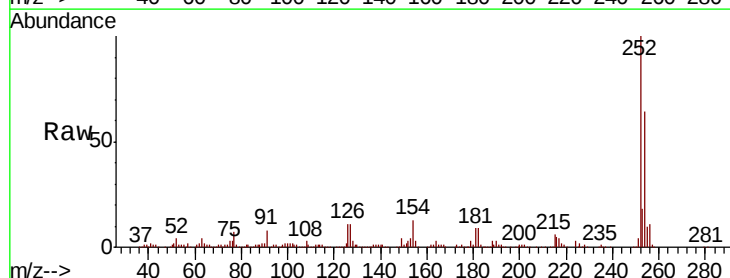


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

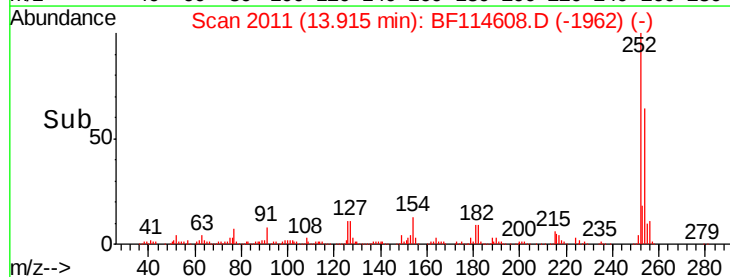
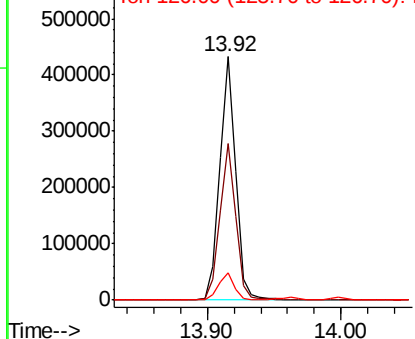


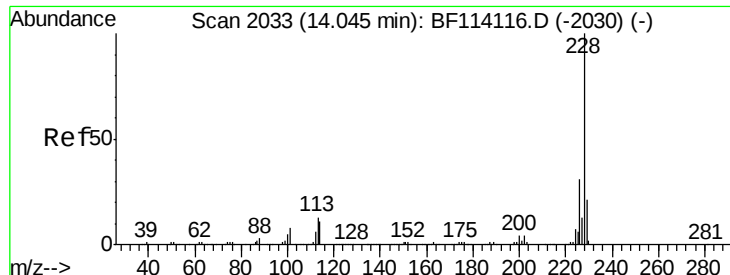
#82
3,3'-Dichlorobenzidine
Concen: 35.965 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:252 Resp: 366998
Ion Ratio Lower Upper
252 100
254 64.3 51.9 77.9
126 11.0 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: 44.338 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

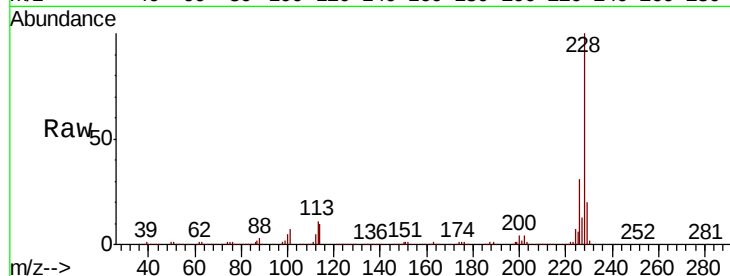
Tot Ion:228 Resp: 1143279

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

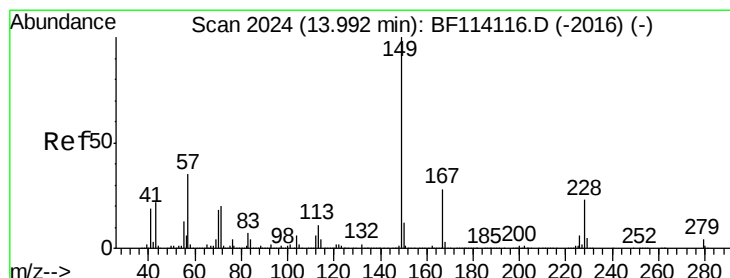
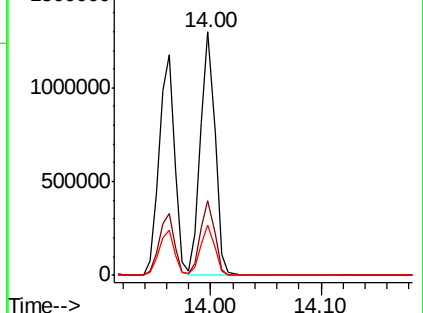
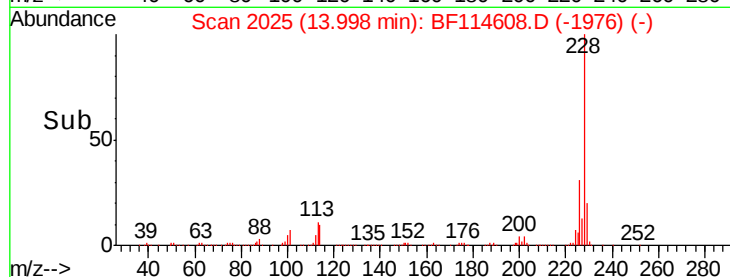
229 20.5 17.0 25.6



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: 48.316 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

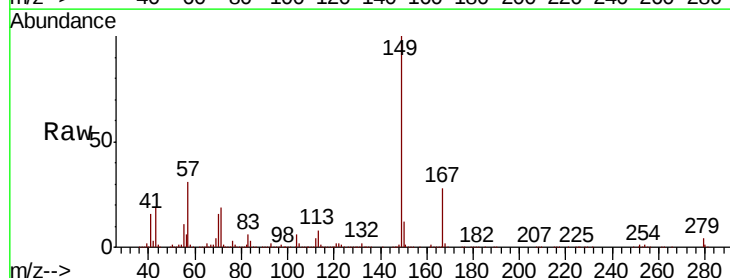
Tgt Ion:149 Resp: 870164

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

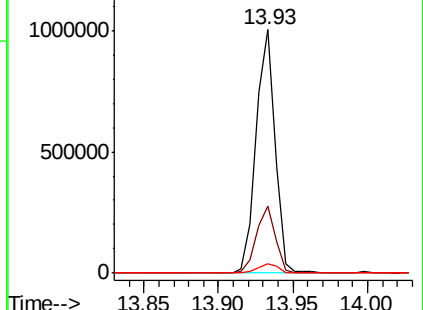
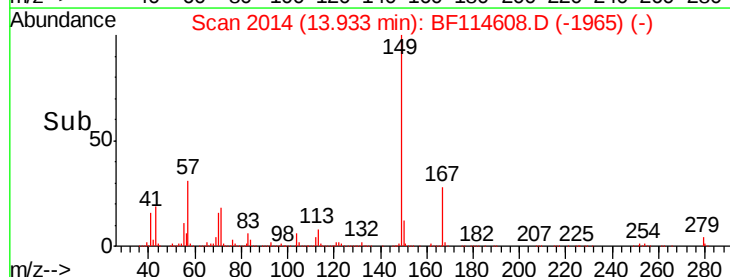
279 4.0 3.0 4.6

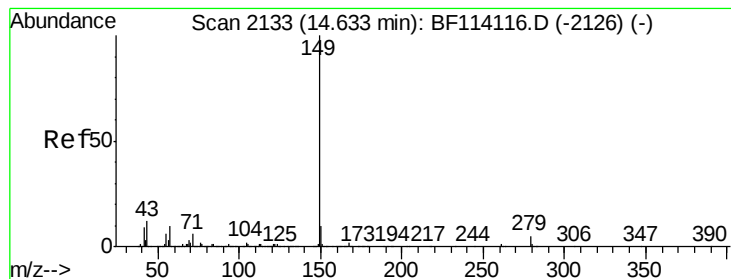


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.666 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

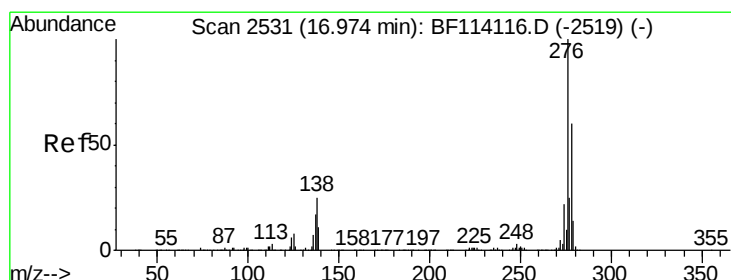
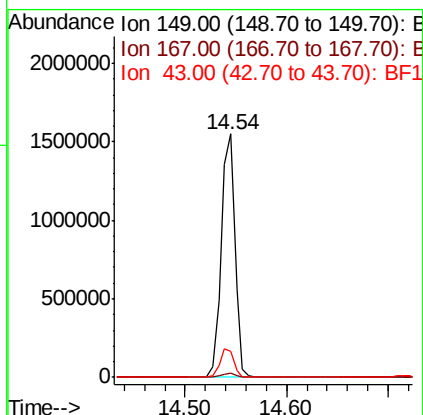
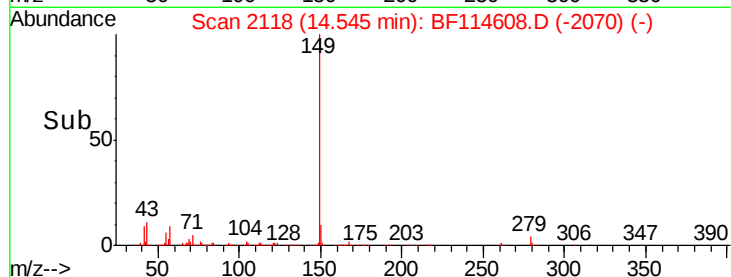
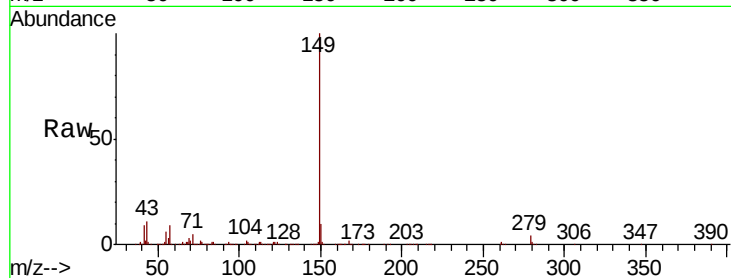
Tot Ion:149 Resp: 1450029

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 10.1 15.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.169 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

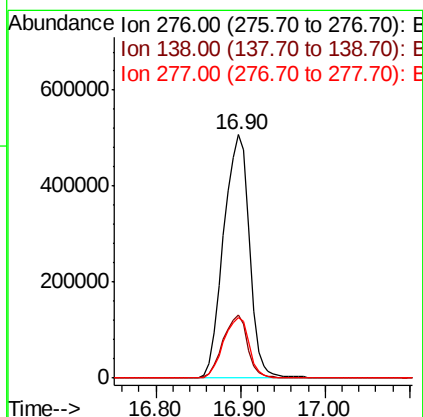
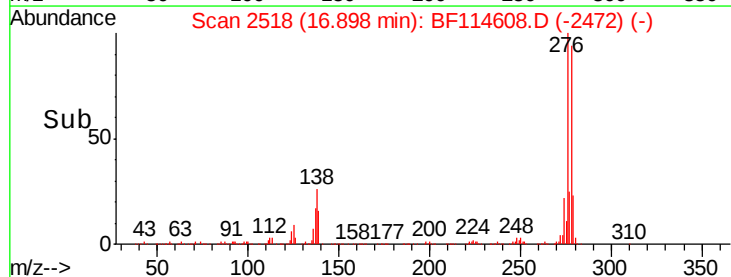
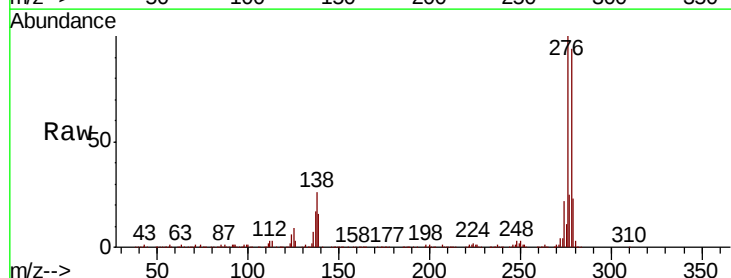
Tgt Ion:276 Resp: 1074922

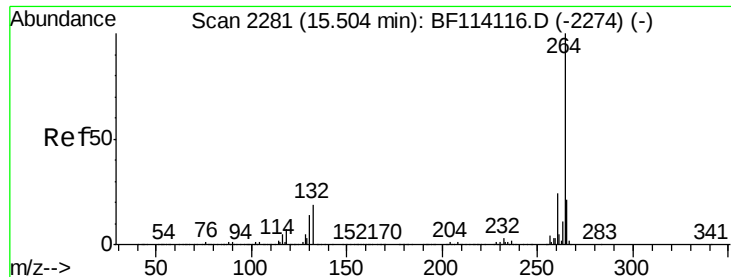
Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

277 24.8 20.0 30.0

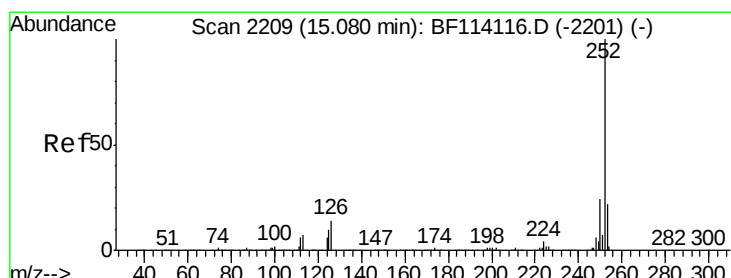
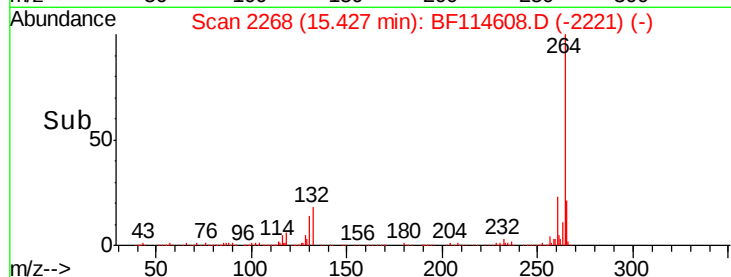
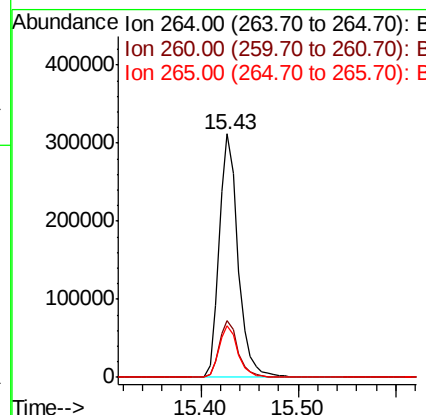
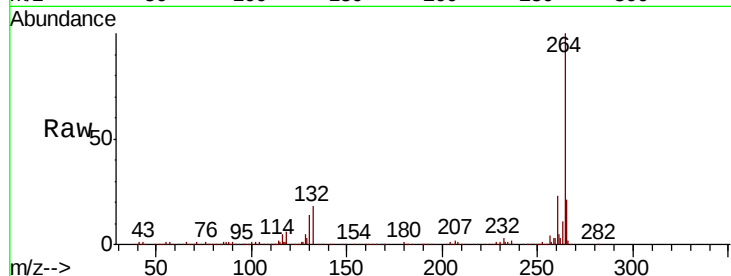




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

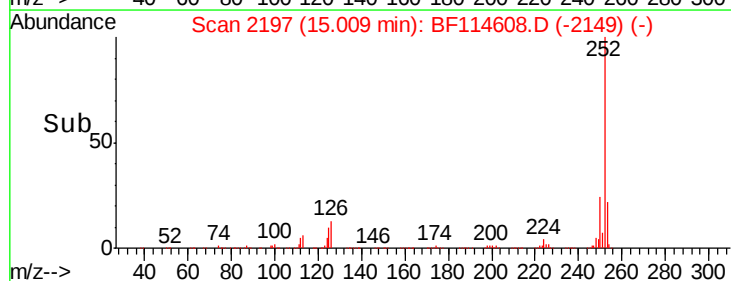
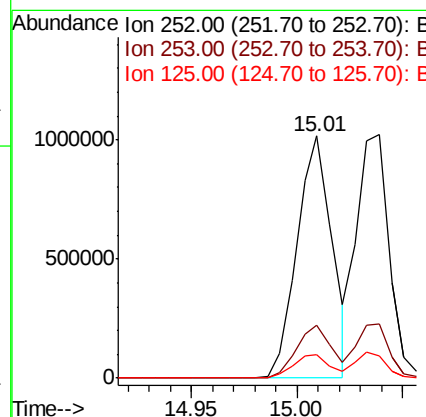
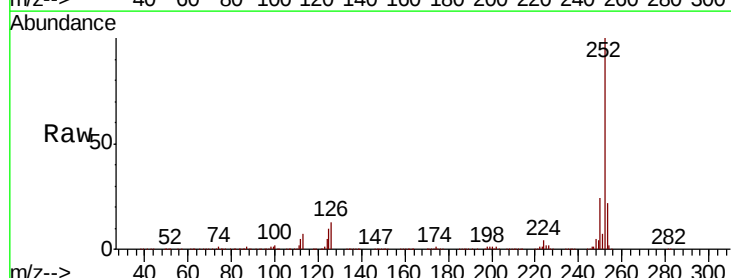
Instrument :
BNA_F
ClientSampleId :

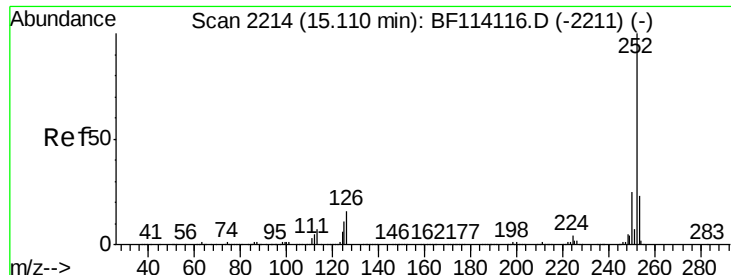
Tot Ion:264 Resp: 417803
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.0
265 21.4 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 43.864 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:252 Resp: 1174094
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 9.7 8.3 12.5

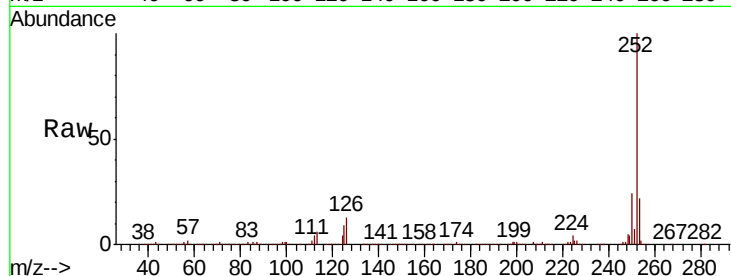




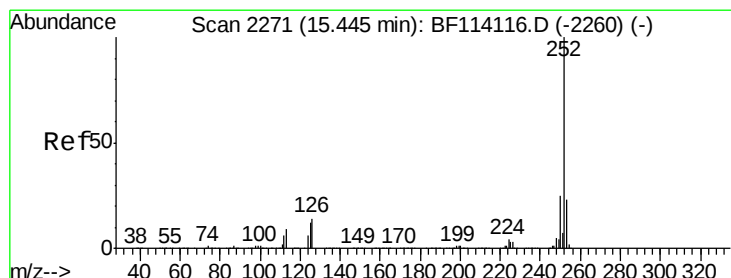
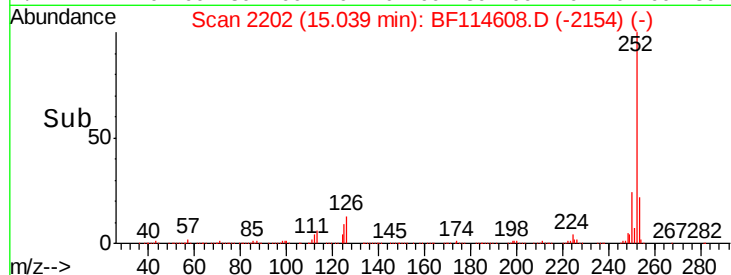
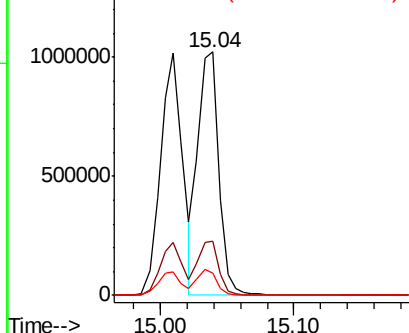
#89
Benzo(k)fluoranthene
Concen: 45.039 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1107409
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.1 8.6 13.0

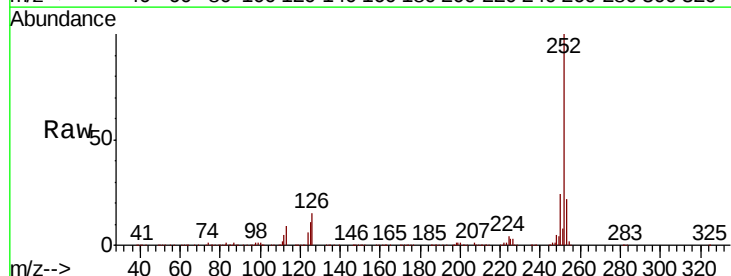


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

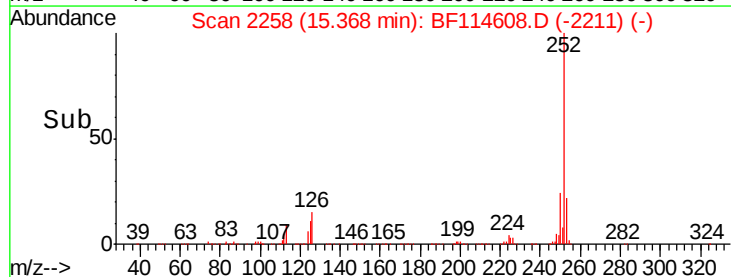
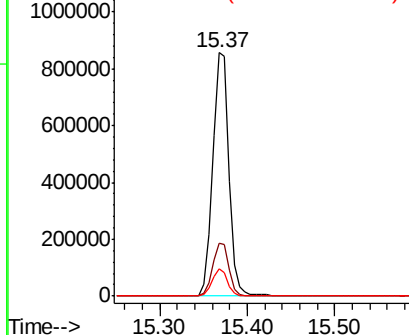


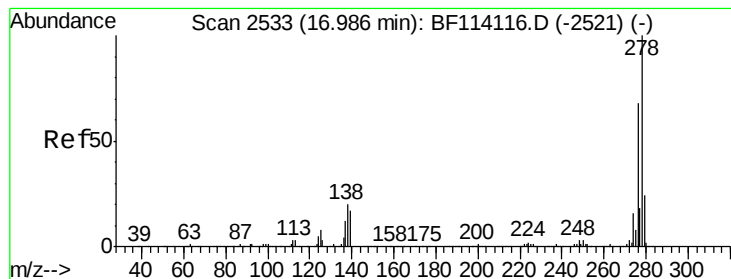
#90
Benzo(a)pyrene
Concen: 46.887 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:252 Resp: 1104509
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 11.1 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: 45.583 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

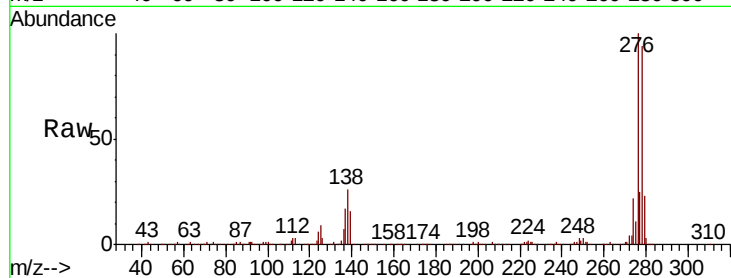
Tot Ion:278 Resp: 892275

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

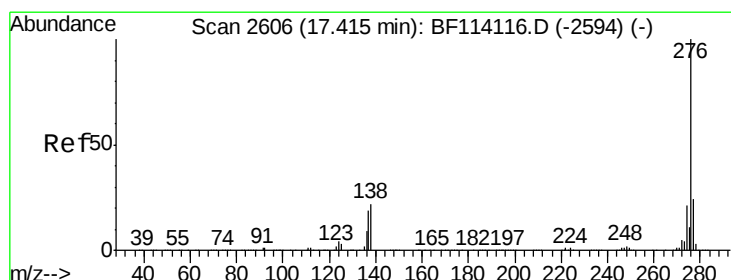
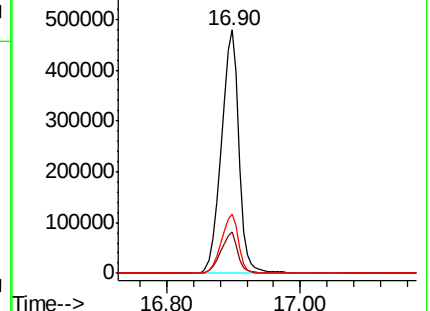
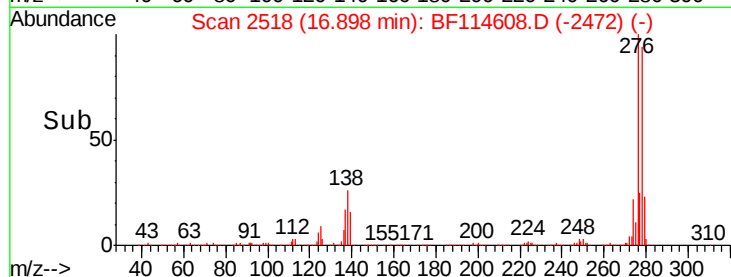
279 24.4 19.0 28.6



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: 46.637 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

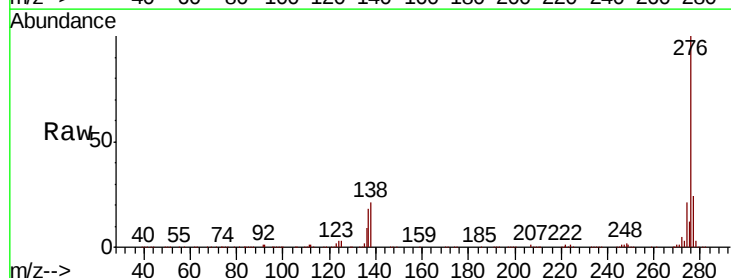
Tgt Ion:276 Resp: 914883

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.3 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

