

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114381.D
 Acq On : 18 May 2019 10:51
 Operator : JU/SJ
 Sample : PB119779BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:07:07 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	208742	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	835273	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	399287	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	775079	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	545810	20.00	ng	-0.02
87) Perylene-d12	15.46	264	228267	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1532837	118.17	ng	0.00
7) Phenol-d6	6.49	99	1968550	128.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	1098015	73.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	480615	116.43	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1939343	73.47	ng	-0.02
79) Terphenyl-d14	12.93	244	1990454	75.18	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	295863	41.497	ng	99
3) Pyridine	3.43	79	539635	27.471	ng	96
4) n-Nitrosodimethylamine	3.37	42	310069	32.732	ng	94
6) Aniline	6.50	93	356219	16.074	ng	# 1
8) 2-Chlorophenol	6.63	128	607042	43.837	ng	99
9) Benzaldehyde	6.40	77	27465	2.557	ng	96
10) Phenol	6.50	94	736334	40.800	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	623402	45.499	ng	95
12) 1,3-Dichlorobenzene	6.78	146	596740	38.390	ng	99
13) 1,4-Dichlorobenzene	6.85	146	613976	39.198	ng	99
14) 1,2-Dichlorobenzene	7.00	146	572475	40.005	ng	98
15) Benzyl Alcohol	6.99	79	494085	41.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1069478	40.257	ng	65
17) 2-Methylphenol	7.10	107	484973	42.634	ng	# 91
18) Hexachloroethane	7.35	117	228260	38.824	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	414881	42.665	ng	100
20) 3+4-Methylphenols	7.26	107	635400	48.346	ng	# 63
22) Acetophenone	7.25	105	806721	43.597	ng	# 91
24) Nitrobenzene	7.42	77	650796	42.931	ng	99
25) Isophorone	7.66	82	1187968	43.037	ng	99
26) 2-Nitrophenol	7.73	139	336498	45.753	ng	94
27) 2,4-Dimethylphenol	7.78	122	542555	46.970	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	755431	42.179	ng	97
29) 2,4-Dichlorophenol	7.99	162	517556	44.997	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	530581	40.566	ng	99
31) Naphthalene	8.14	128	1690629	43.331	ng	99
32) Benzoic acid	7.92	122	378613	46.266	ng	99
33) 4-Chloroaniline	8.20	127	394361	22.180	ng	97
34) Hexachlorobutadiene	8.26	225	290870	39.085	ng	99
35) Caprolactam	8.56	113	92612	24.693	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	533401	46.071	ng	98
37) 2-Methylnaphthalene	8.83	142	1157628	45.986	ng	97
38) 1-Methylnaphthalene	8.93	142	1085317	45.782	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	523913	43.316	ng	100

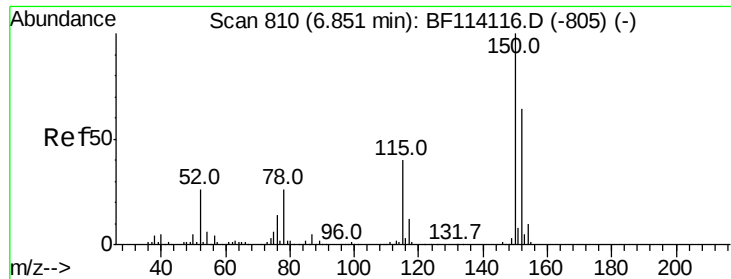
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	97643	20.715	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	339060	40.755	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	361942	42.422	ng	96
46) 1,1'-Biphenyl	9.29	154	1410597	43.730	ng	99
47) 2-Chloronaphthalene	9.32	162	1067638	41.126	ng	97
48) 2-Nitroaniline	9.42	65	364131	39.551	ng	96
49) Acenaphthylene	9.73	152	1667399	42.230	ng	100
50) Dimethylphthalate	9.59	163	1233206	42.073	ng	100
51) 2,6-Dinitrotoluene	9.66	165	275760	42.416	ng	99
52) Acenaphthene	9.90	154	984338	40.627	ng	99
53) 3-Nitroaniline	9.83	138	212039	26.274	ng	99
54) 2,4-Dinitrophenol	9.95	184	267593	81.700	ng	98
55) Dibenzofuran	10.08	168	1444251	40.651	ng	96
56) 4-Nitrophenol	10.01	139	362556	63.526	ng	96
57) 2,4-Dinitrotoluene	10.07	165	350772	39.752	ng	# 91
58) Fluorene	10.42	166	1174448	42.797	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	297737	40.444	ng	99
60) Diethylphthalate	10.29	149	1234492	41.451	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	565111	41.927	ng	96
62) 4-Nitroaniline	10.45	138	300471	35.431	ng	98
63) Azobenzene	10.57	77	1216930	42.214	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	171470	46.040	ng	85
66) n-Nitrosodiphenylamine	10.53	169	1034124	43.961	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	354696	41.563	ng	98
68) Hexachlorobenzene	10.97	284	380194	40.271	ng	96
69) Atrazine	11.05	200	189085	25.830	ng	97
70) Pentachlorophenol	11.17	266	310195	69.312	ng	98
71) Phenanthrene	11.38	178	1644850	43.620	ng	99
72) Anthracene	11.43	178	1648642	43.528	ng	100
73) Carbazole	11.59	167	1577734	43.684	ng	99
74) Di-n-butylphthalate	11.91	149	1931590	46.421	ng	100
75) Fluoranthene	12.57	202	1747702	43.039	ng	98
77) Benzidine	12.69	184	90477	3.693	ng	95
78) Pyrene	12.80	202	1753069	39.926	ng	99
80) Butylbenzylphthalate	13.40	149	799315	43.250	ng	95
81) Benzo(a)anthracene	13.99	228	1360957	38.551	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	359578	26.256	ng	100
83) Chrysene	14.02	228	1342703	38.799	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1101366	45.566	ng	99
85) Di-n-octyl phthalate	14.57	149	1686586	43.044	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1174359	38.397	ng	99
88) Benzo(b)fluoranthene	15.04	252	1201186	82.137	ng	99
89) Benzo(k)fluoranthene	15.07	252	1105769	82.313	ng	98
90) Benzo(a)pyrene	15.40	252	1076482	83.640	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1012559	94.678	ng	98
92) Benzo(g,h,i)perylene	17.37	276	1058631	98.774	ng	99

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

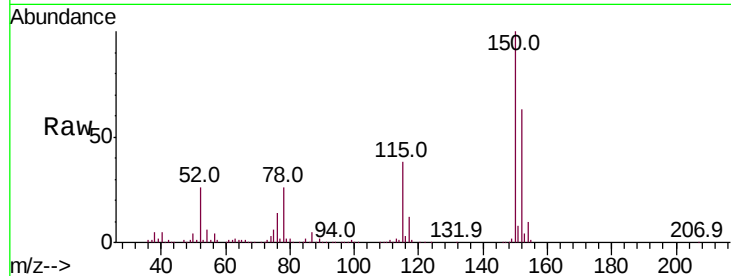


#1

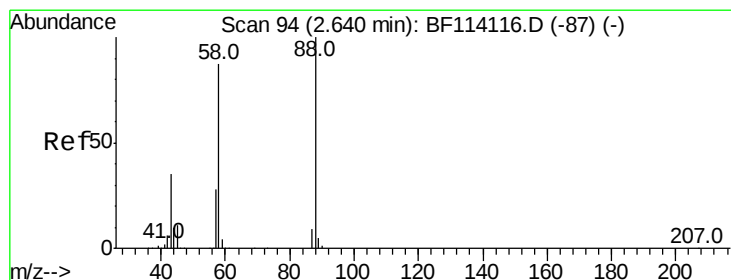
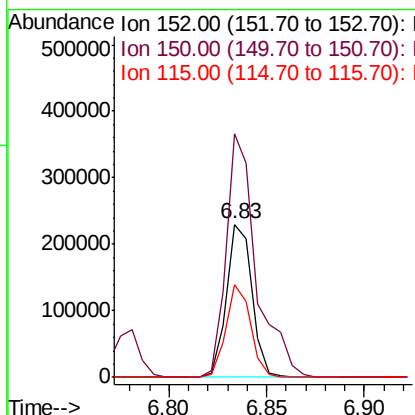
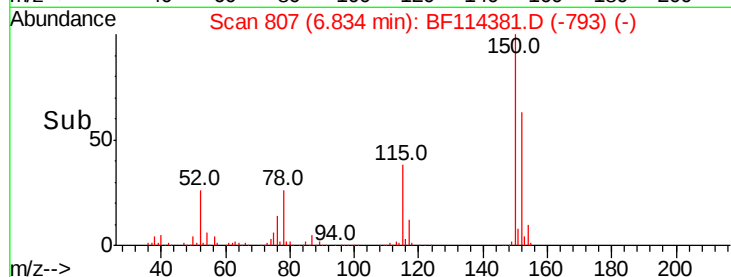
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.3	186.5
115	60.7	49.1	73.7



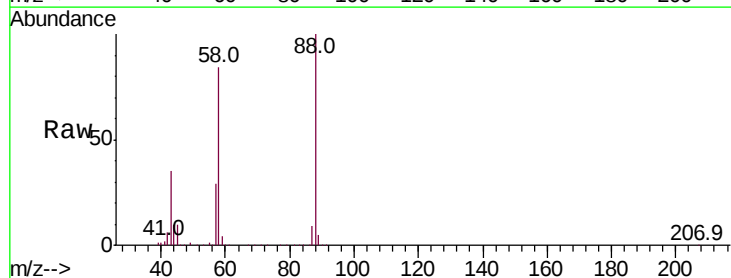
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



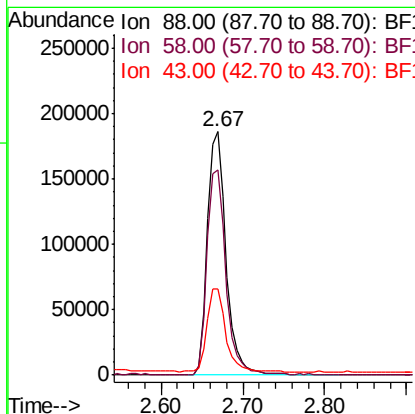
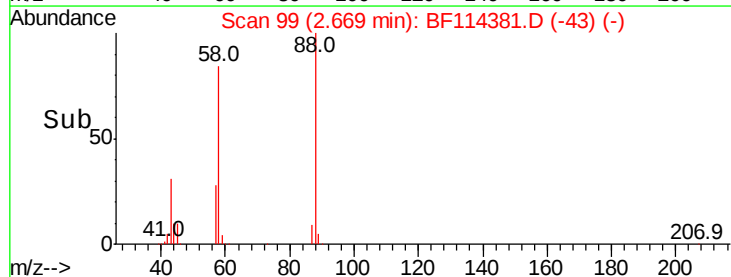
#2

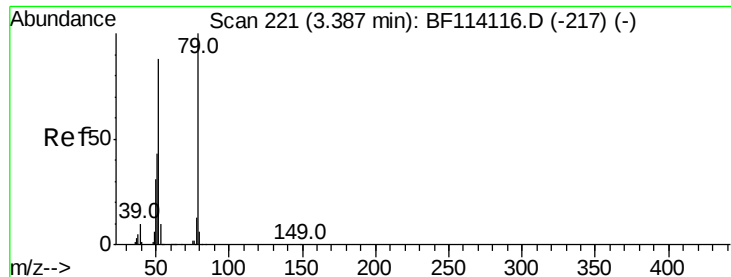
1,4-Dioxane
Concen: 41.497 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.03 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	68.7	103.1
43	36.2	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: 27.471 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

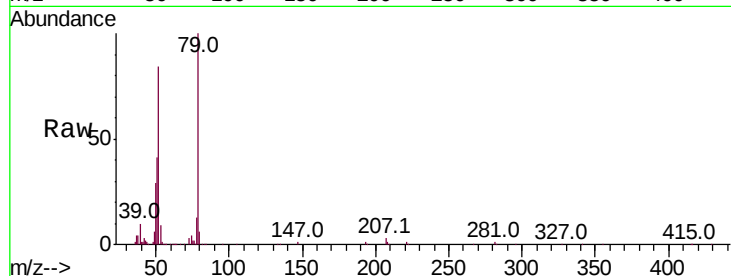
Tot Ion: 79 Resp: 539635

Ion Ratio Lower Upper

79 100

52 83.8 70.6 105.8

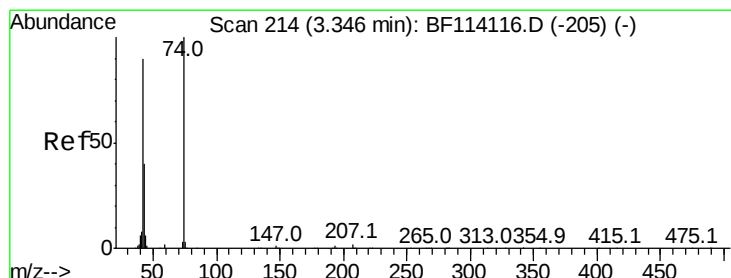
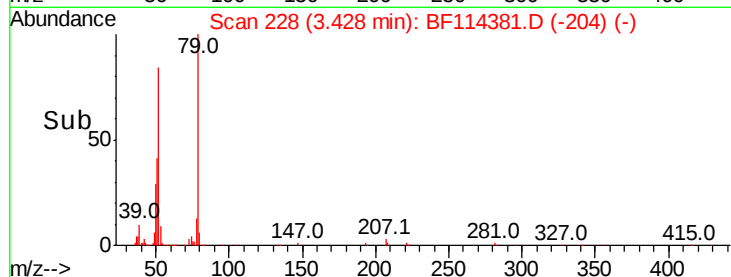
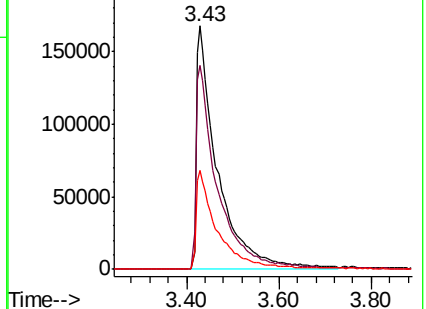
51 40.9 34.2 51.2



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: 32.732 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

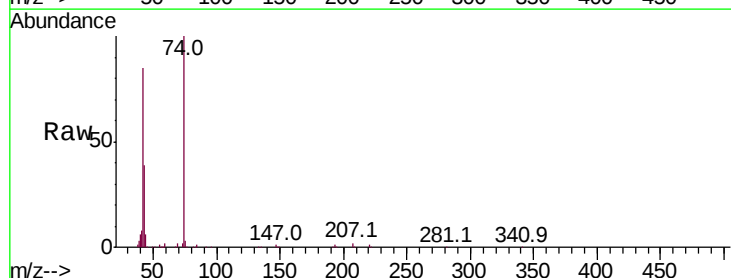
Tgt Ion: 42 Resp: 310069

Ion Ratio Lower Upper

42 100

74 117.0 88.6 132.8

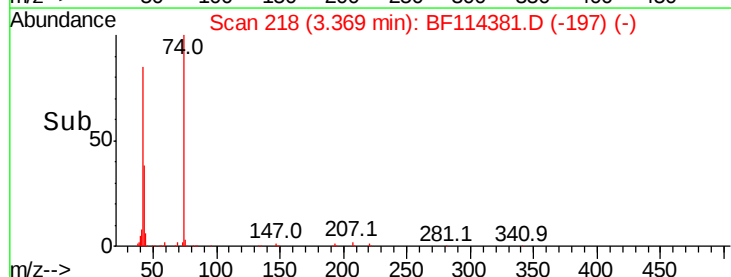
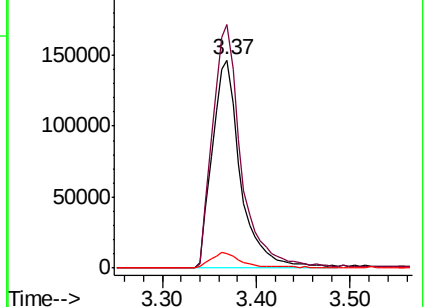
44 6.9 5.5 8.3



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: 118.171 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

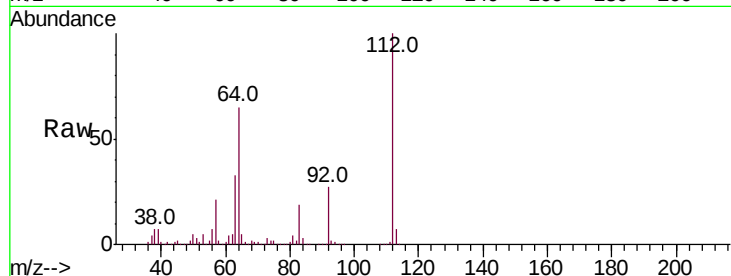
Tot Ion:112 Resp: 1532837

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

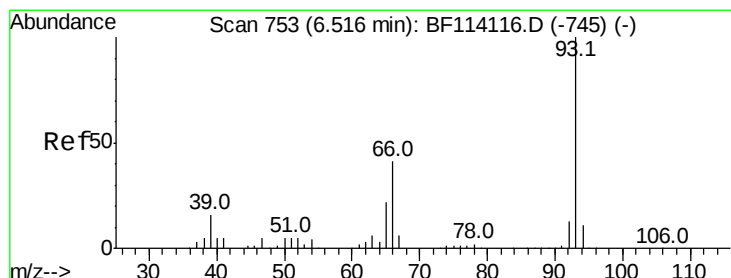
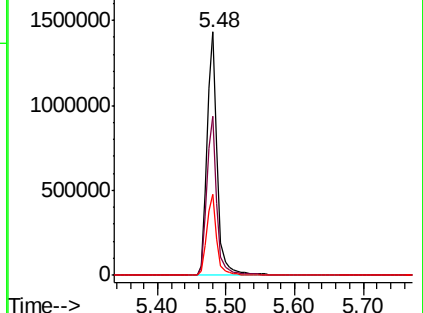
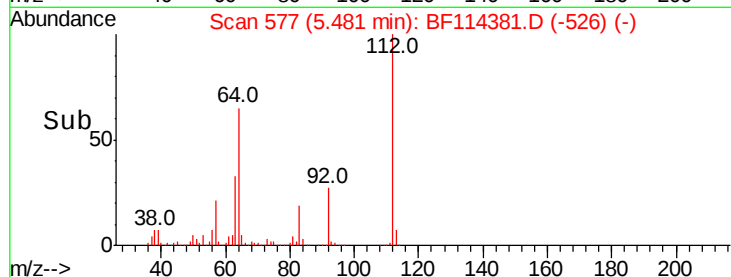
63 33.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.074 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

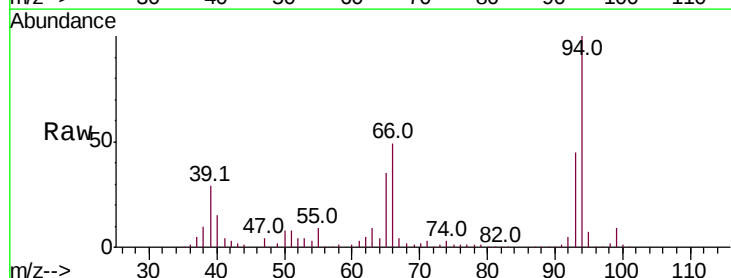
Tgt Ion: 93 Resp: 356219

Ion Ratio Lower Upper

93 100

66 108.5 33.2 49.8#

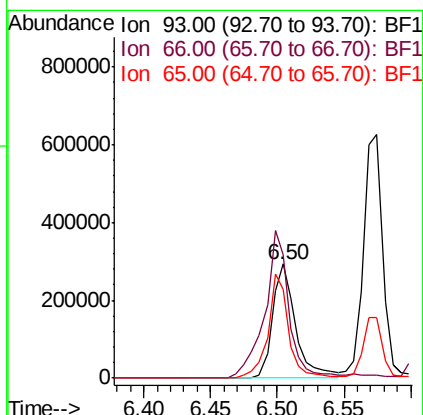
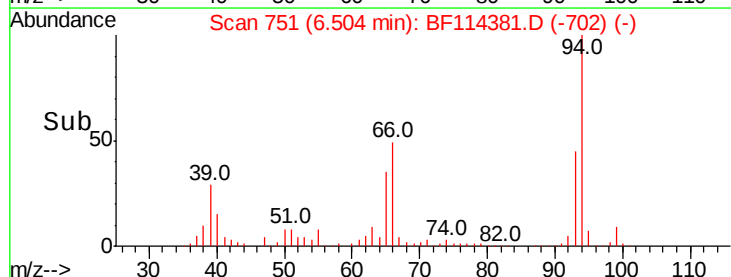
65 77.5 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.315 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

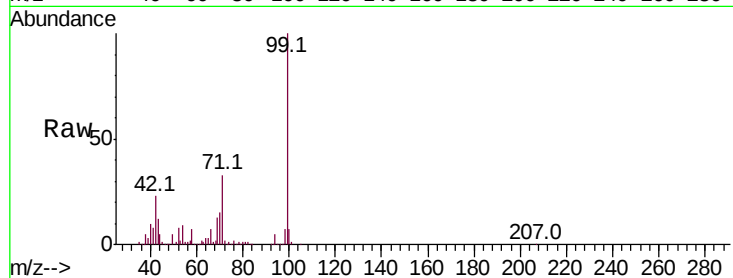
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1968550

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.1	26.2	39.2

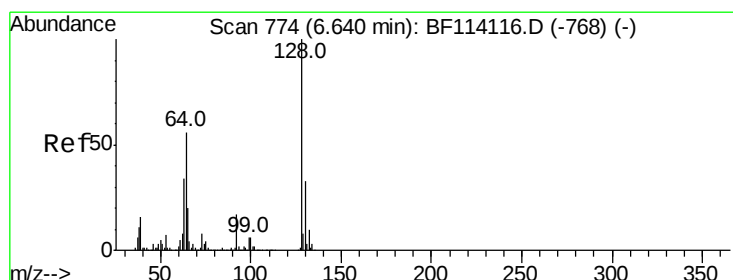
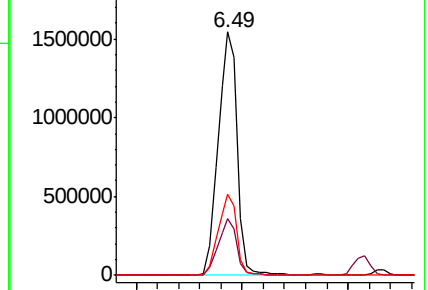
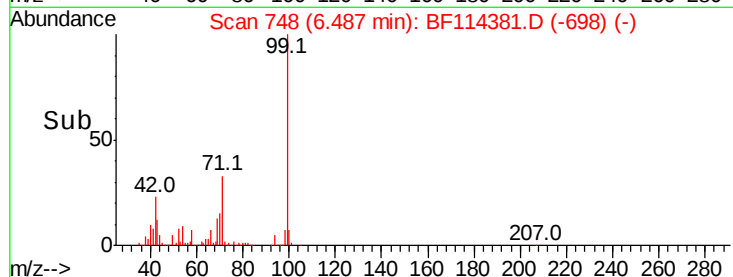


Abundance

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: 43.837 ng

RT: 6.63 min Scan# 772

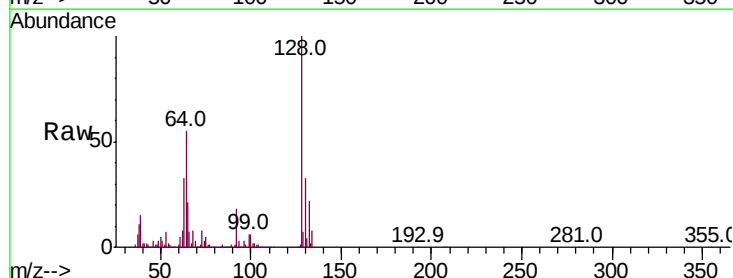
Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:128 Resp: 607042

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	55.1	35.9	75.9

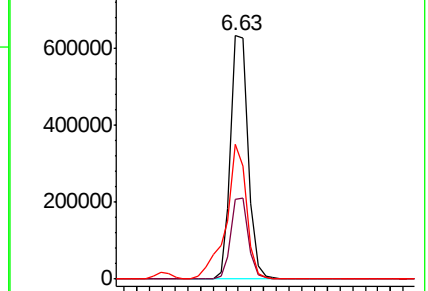
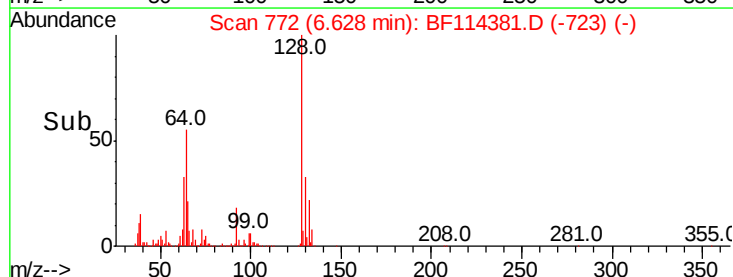


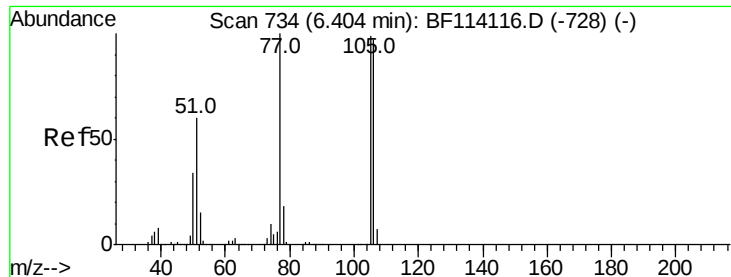
Abundance

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: 2.557 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

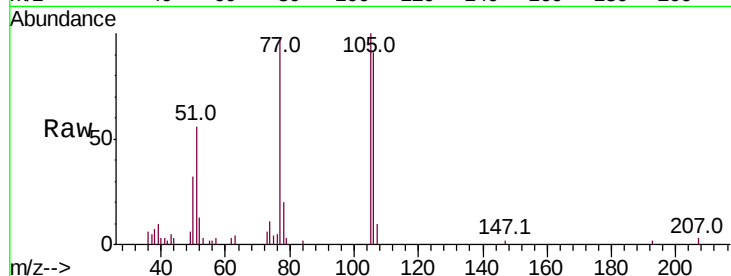
Tot Ion: 77 Resp: 27465

Ion Ratio Lower Upper

77 100

105 102.8 79.3 119.3

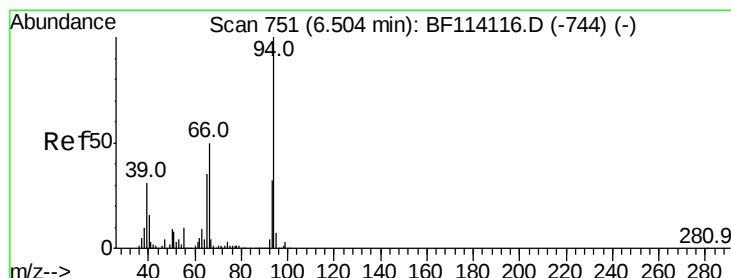
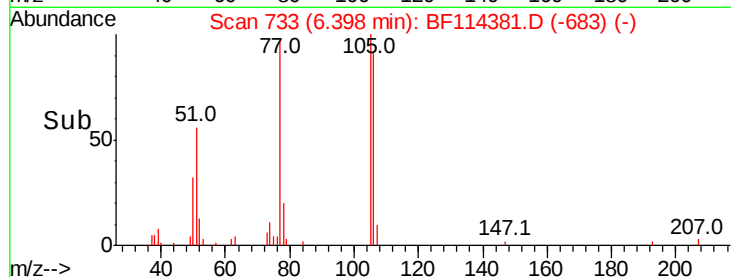
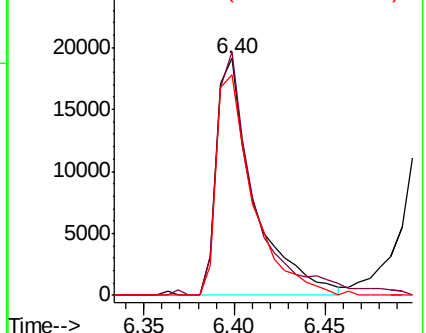
106 93.3 77.0 117.0



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: 40.800 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

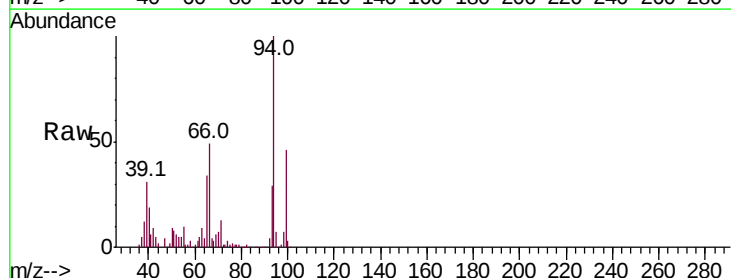
Tgt Ion: 94 Resp: 736334

Ion Ratio Lower Upper

94 100

65 34.5 14.7 54.7

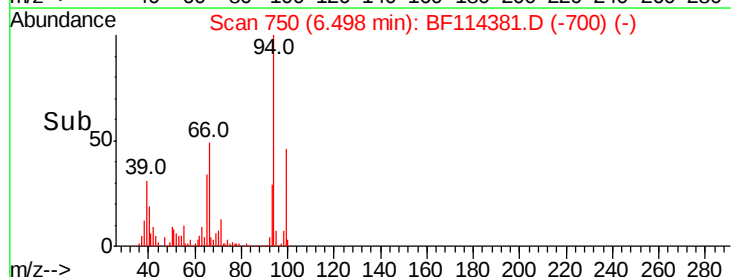
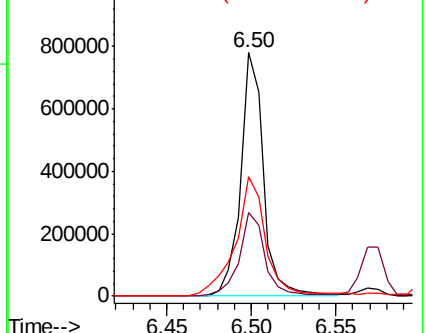
66 48.9 29.6 69.6

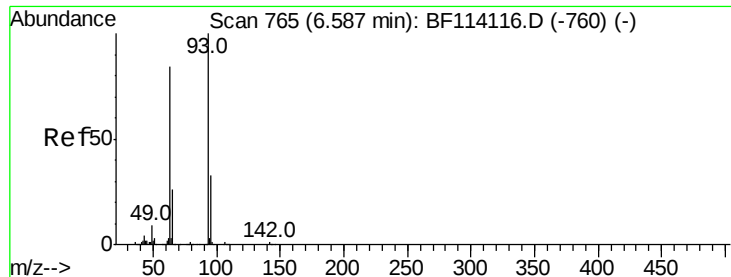


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.499 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

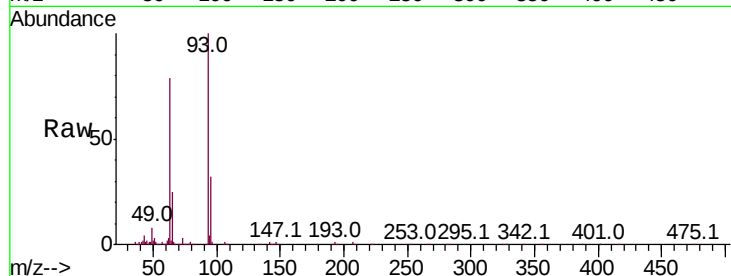
Tot Ion: 93 Resp: 623402

Ion Ratio Lower Upper

93 100

63 78.6 63.6 103.6

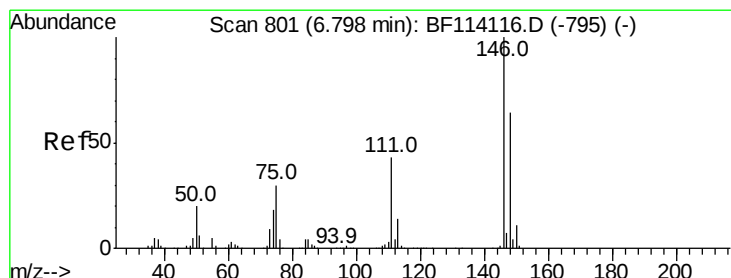
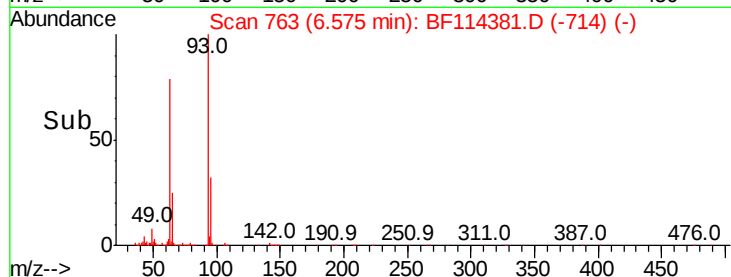
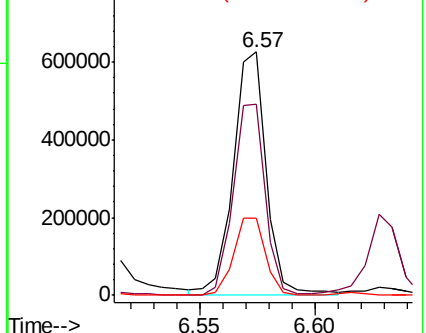
95 31.9 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.390 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

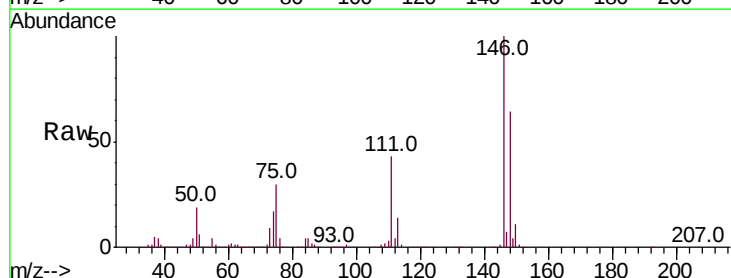
Tgt Ion: 146 Resp: 596740

Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

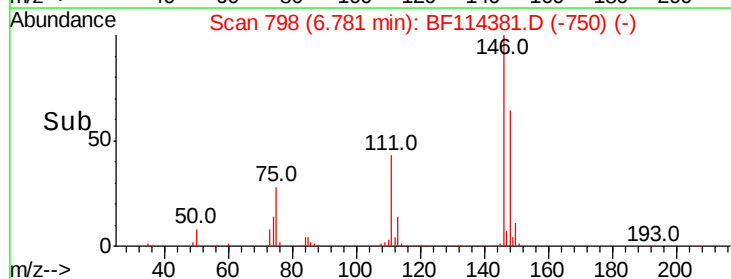
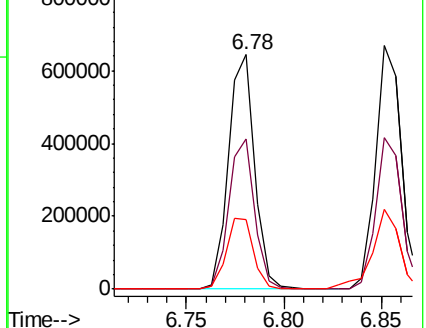
75 29.6 24.2 36.2

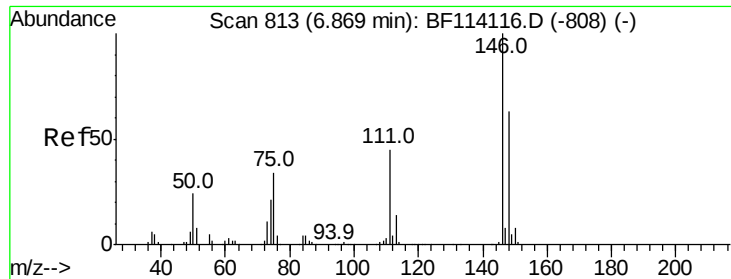


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

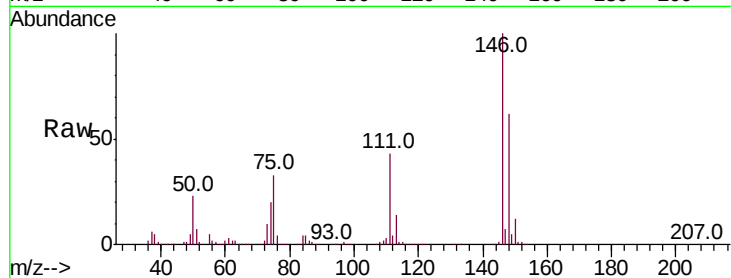




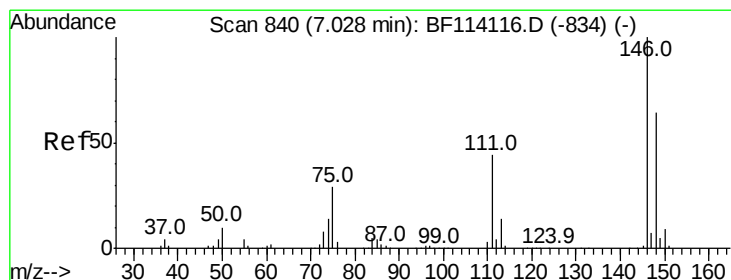
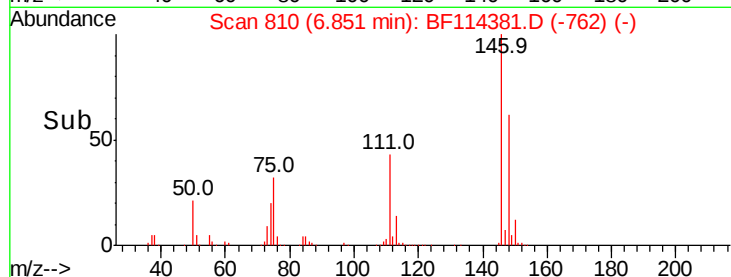
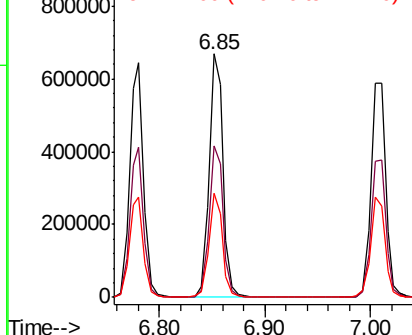
#13
 1,4-Dichlorobenzene
 Concen: 39.198 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 613976
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.2 75.2
 111 42.8 35.8 53.6

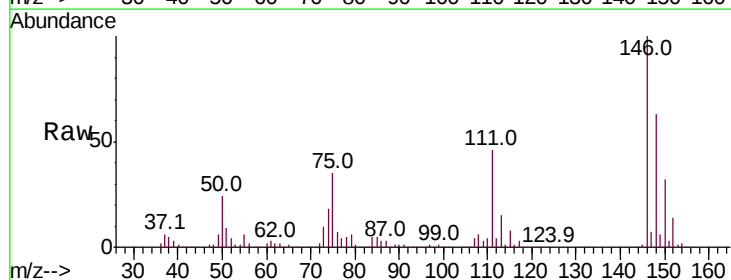


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

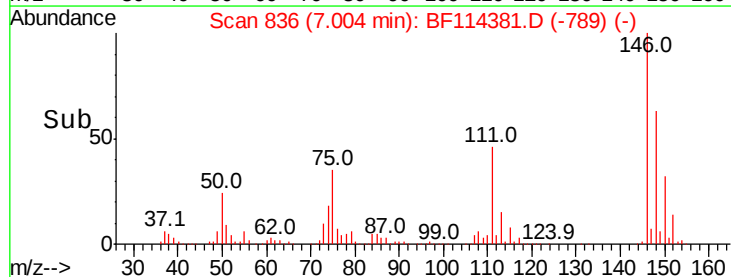
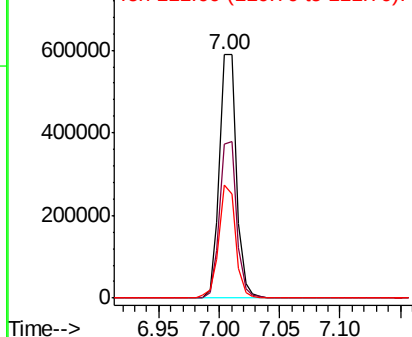


#14
 1,2-Dichlorobenzene
 Concen: 40.005 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion:146 Resp: 572475
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 46.5 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: 41.293 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampled :

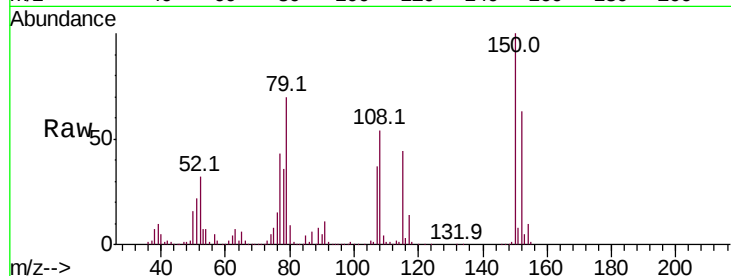
Tot Ion: 79 Resp: 494085

Ion Ratio Lower Upper

79 100

108 77.5 62.1 93.1

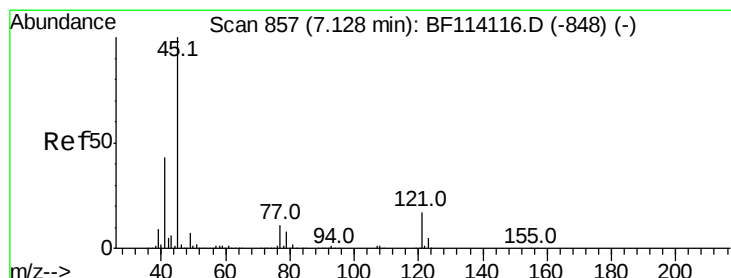
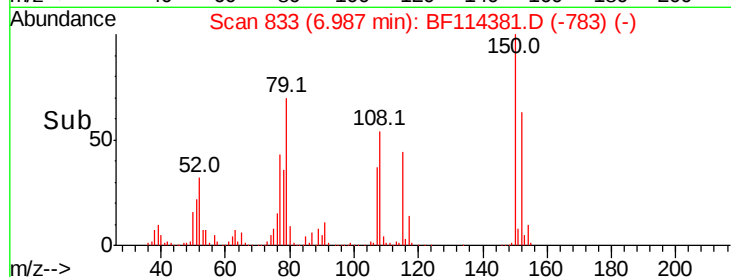
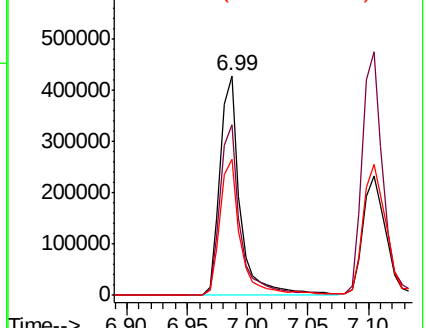
77 61.9 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.257 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

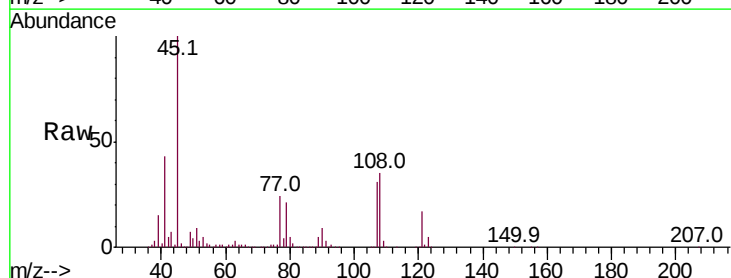
Tgt Ion: 45 Resp: 1069478

Ion Ratio Lower Upper

45 100

77 23.8 0.0 31.1

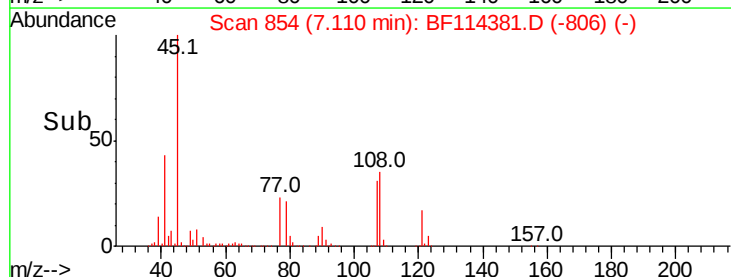
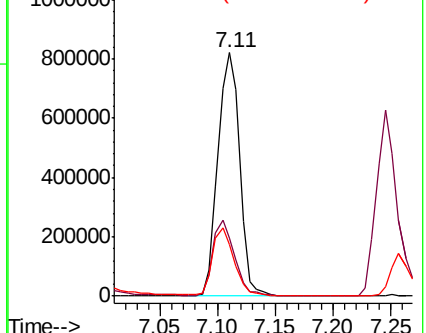
79 21.3 0.0 28.4

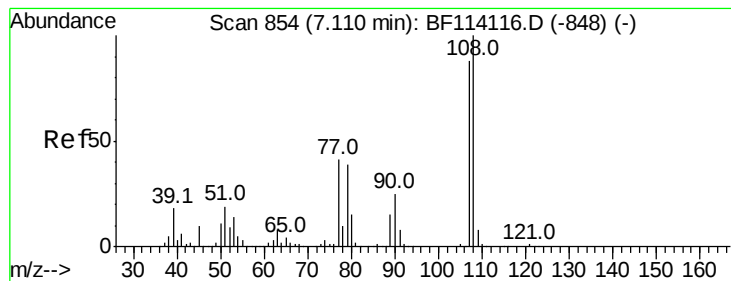


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.634 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114381.D

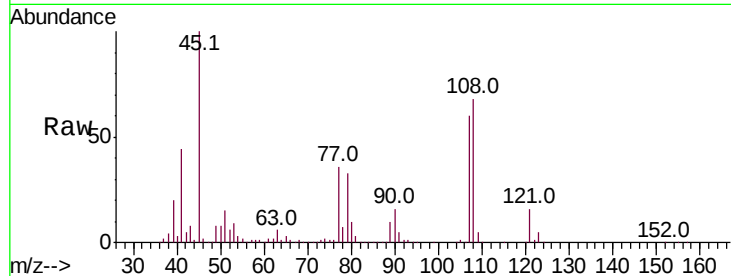
Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	484973
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.5	135.7
77	61.2	37.0	55.4#
79	55.6	35.8	53.8#



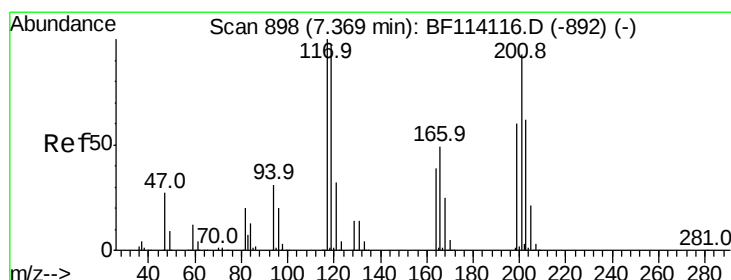
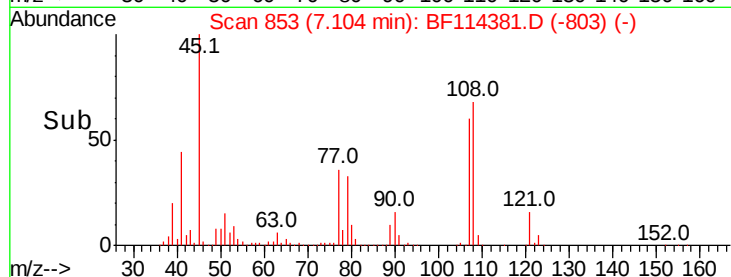
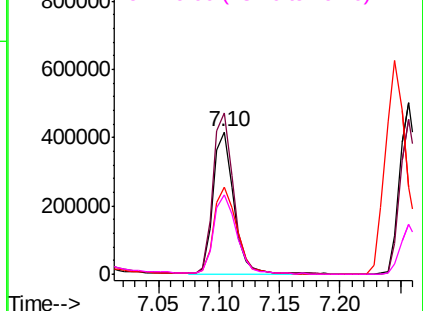
Abundance

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: 38.824 ng

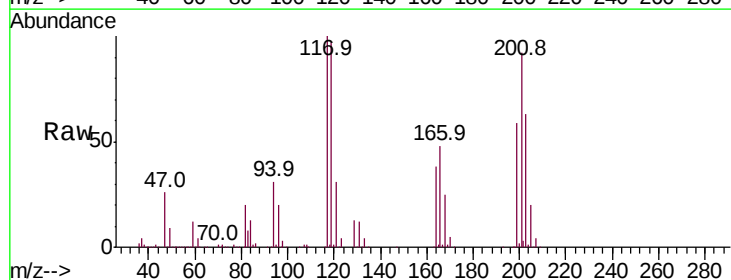
RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:	117	Resp:	228260
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.2
201	92.5	74.5	111.7

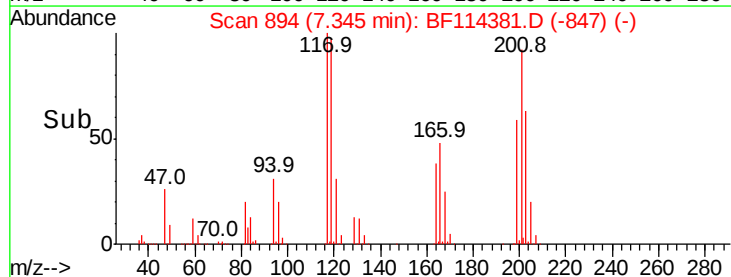
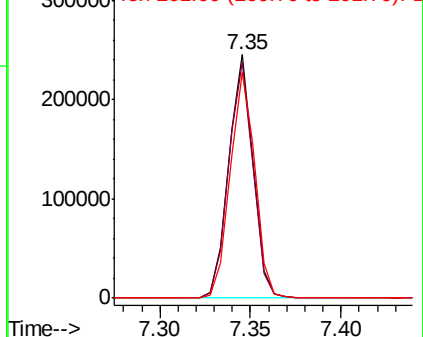


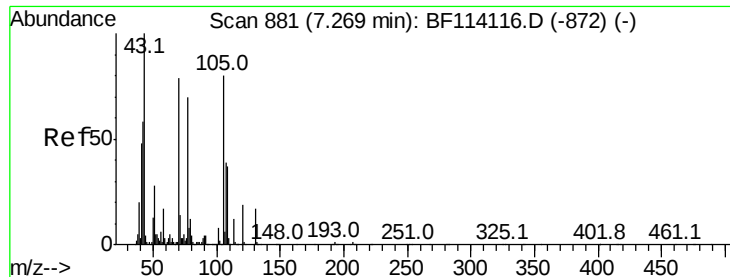
Abundance

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

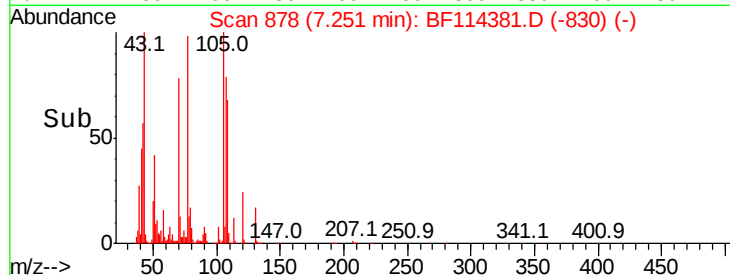
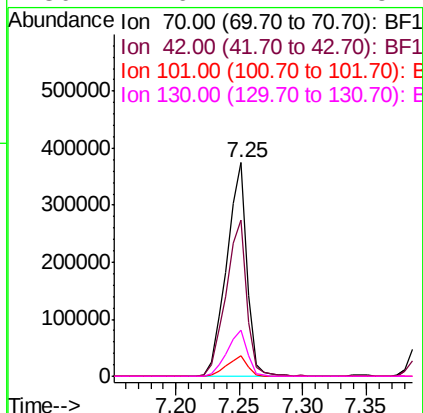
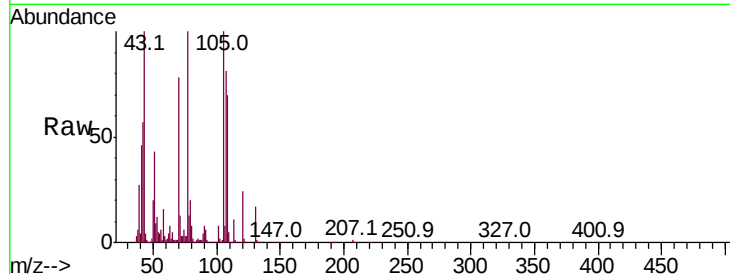




#19
n-Nitroso-di-n-propylamine
Concen: 42.665 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

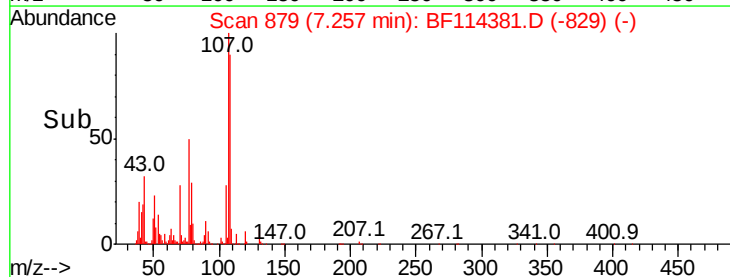
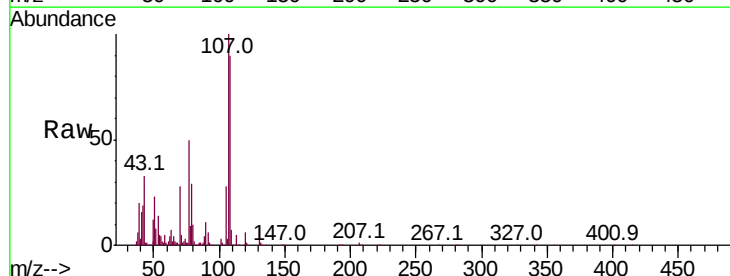
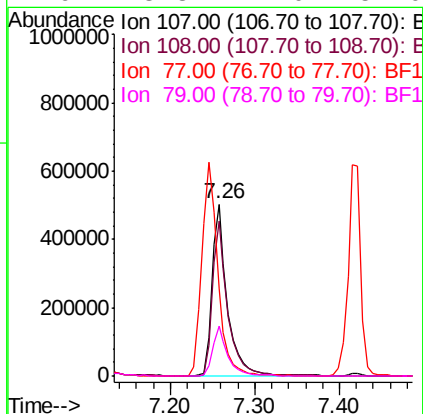
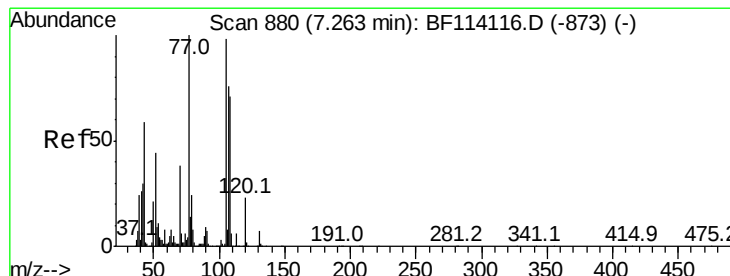
Instrument :
BNA_F
ClientSampleId :

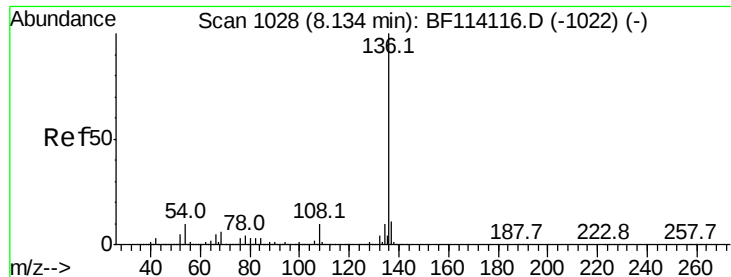
Tot Ion: 70 Resp: 414881
Ion Ratio Lower Upper
70 100
42 73.1 58.6 87.8
101 9.8 7.8 11.8
130 21.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 48.346 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:107 Resp: 635400
Ion Ratio Lower Upper
107 100
108 90.1 73.8 113.8
77 50.5 111.5 151.5#
79 28.8 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 835273

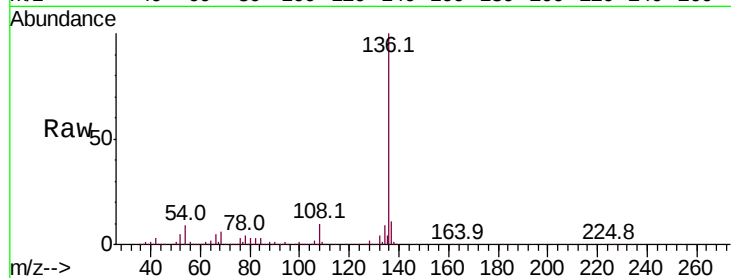
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.4 7.8 11.8

68 6.3 5.1 7.7

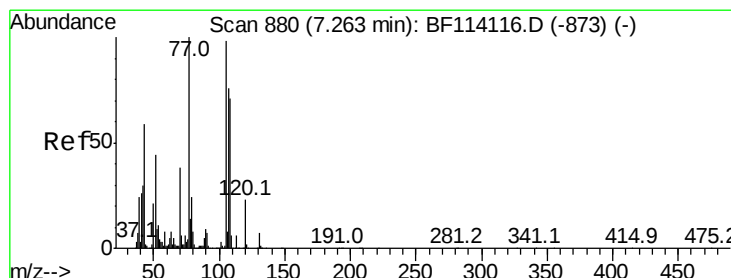
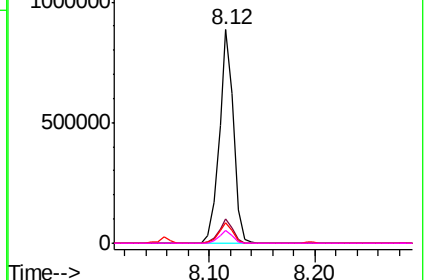
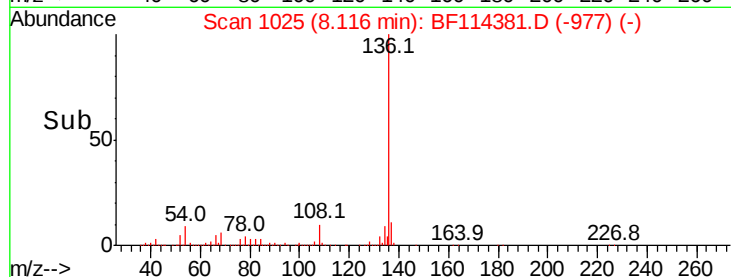


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.597 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:105 Resp: 806721

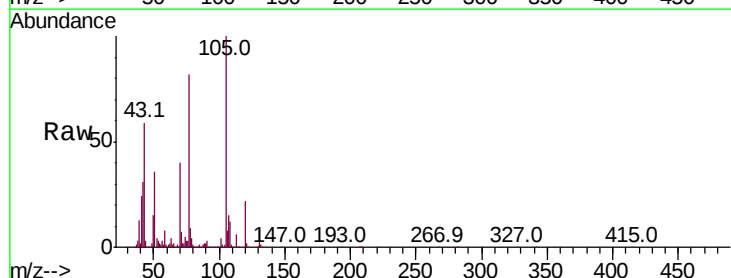
Ion Ratio Lower Upper

105 100

71 7.0 5.3 7.9

51 35.6 36.2 54.4#

120 22.5 18.6 28.0

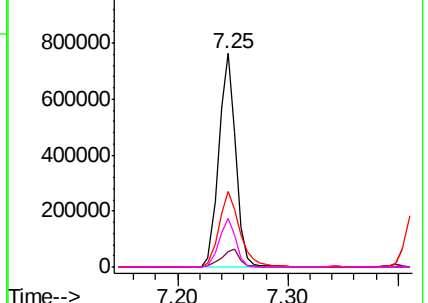
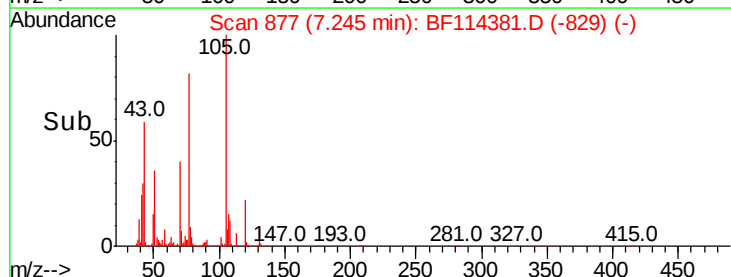


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



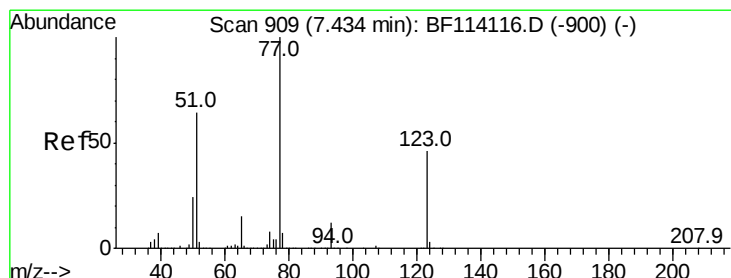
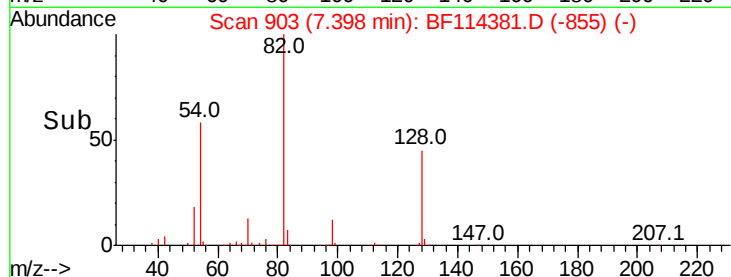
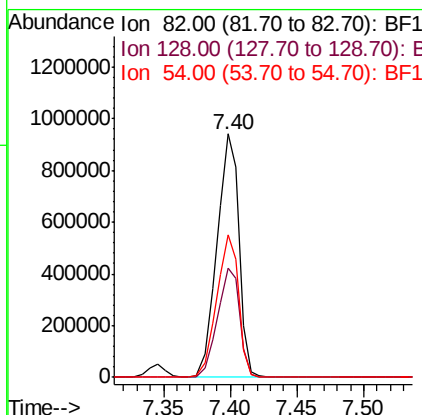
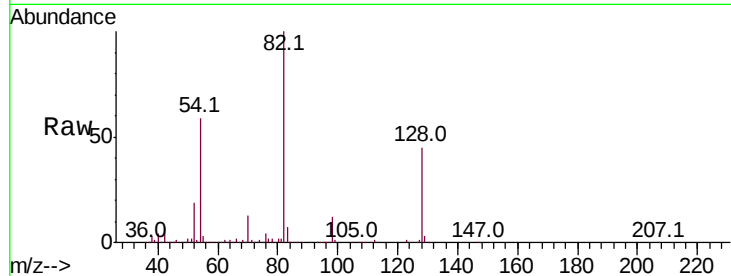


#23
 Nitrobenzene-d5
 Concen: 73.773 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1098015

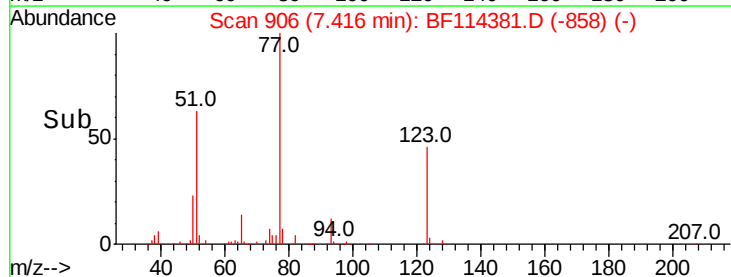
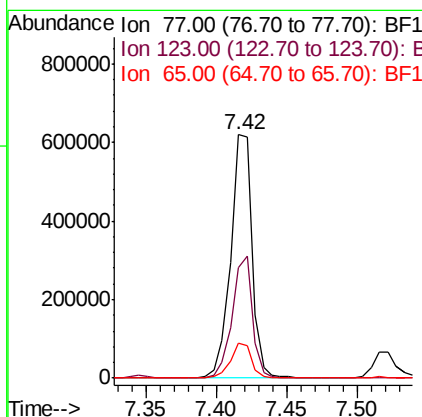
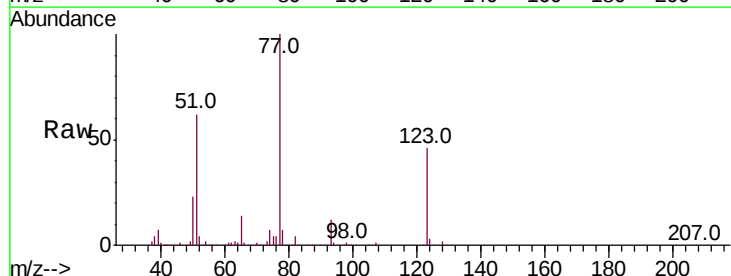
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.5	53.3
54	58.6	48.5	72.7

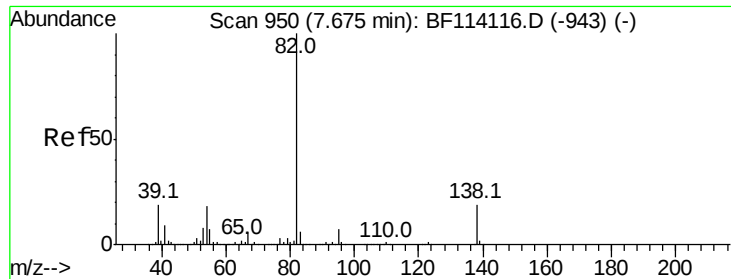


#24
 Nitrobenzene
 Concen: 42.931 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion: 77 Resp: 650796

Ion	Ratio	Lower	Upper
77	100		
123	45.6	36.9	55.3
65	14.3	11.8	17.6





#25

Isophorone

Concen: 43.037 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

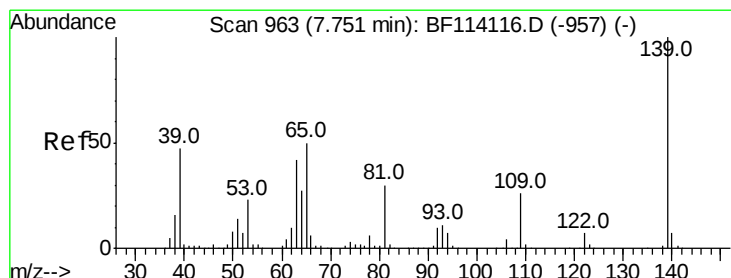
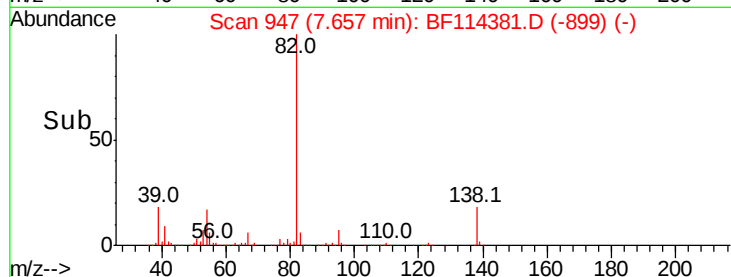
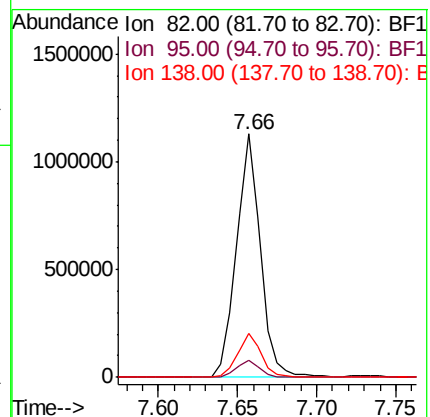
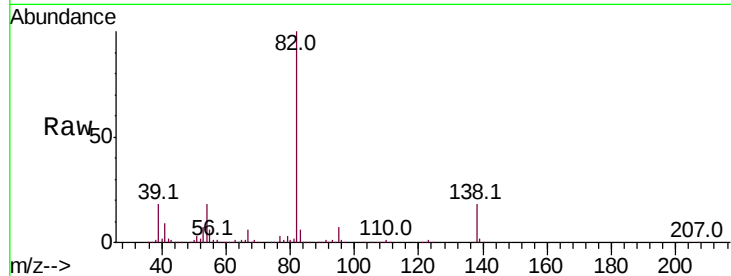
Tot Ion: 82 Resp: 1187968

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 18.0 14.8 22.2



#26

2-Nitrophenol

Concen: 45.753 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

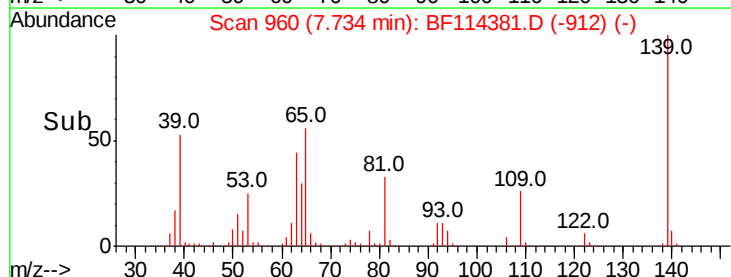
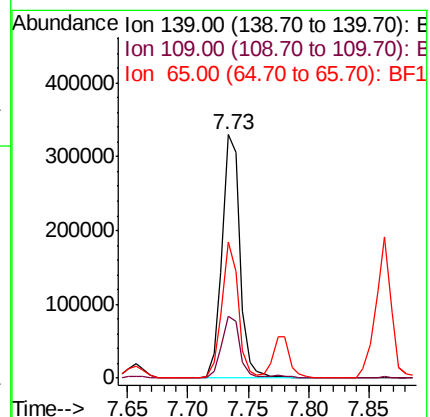
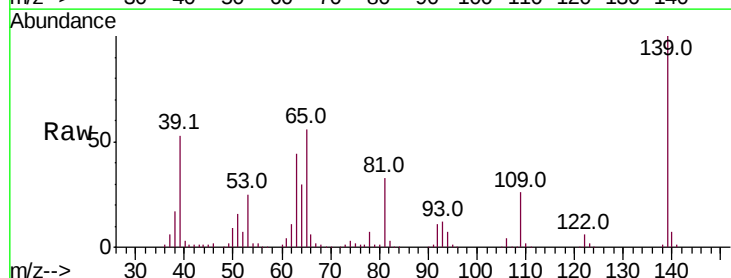
Tgt Ion: 139 Resp: 336498

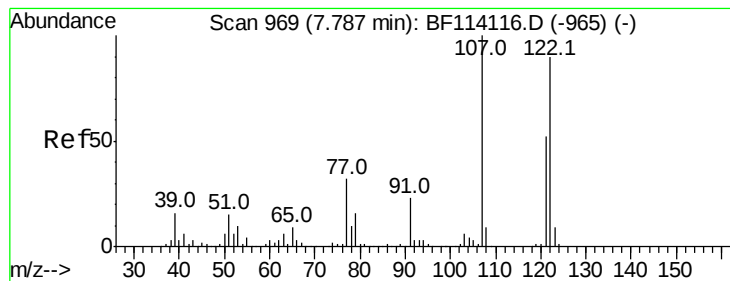
Ion Ratio Lower Upper

139 100

109 25.7 20.7 31.1

65 56.1 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 46.970 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

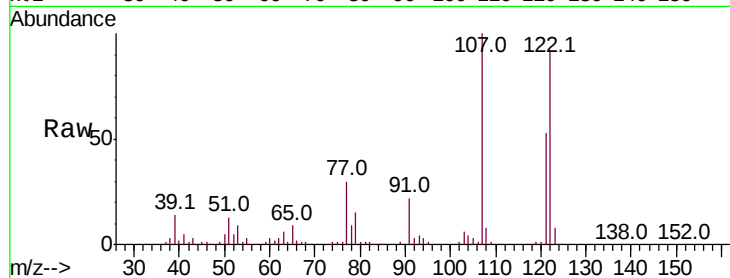
Tot Ion:122 Resp: 542555

Ion Ratio Lower Upper

122 100

107 109.1 88.4 132.6

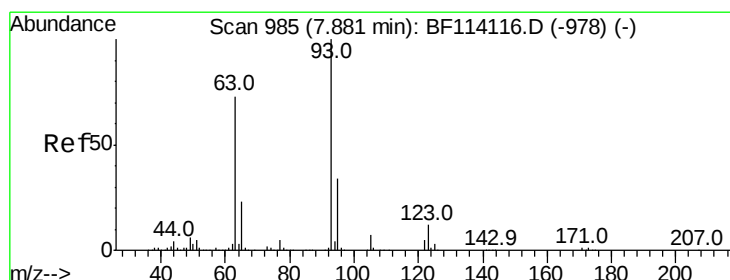
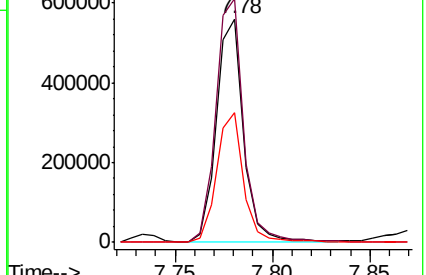
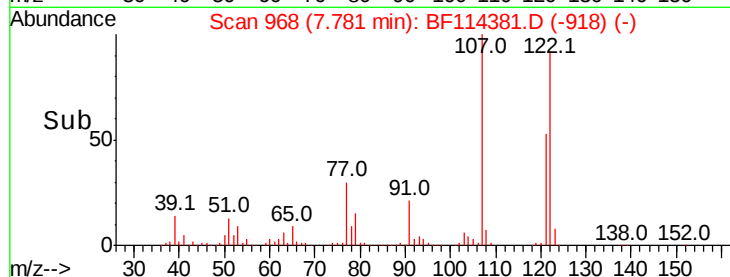
121 57.9 45.9 68.9



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: 42.179 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

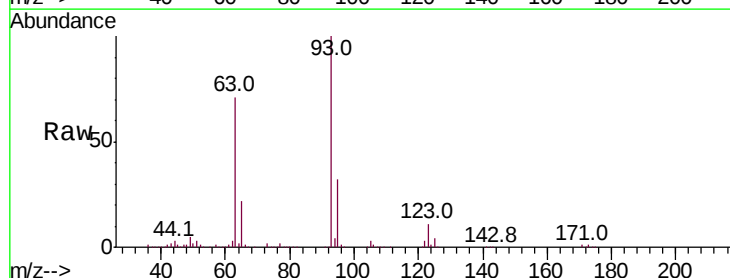
Tgt Ion: 93 Resp: 755431

Ion Ratio Lower Upper

93 100

95 31.8 26.8 40.2

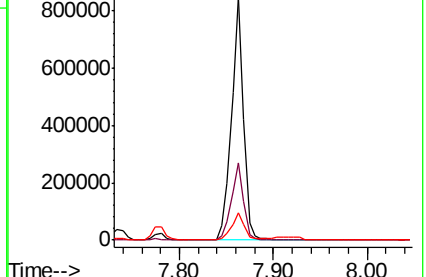
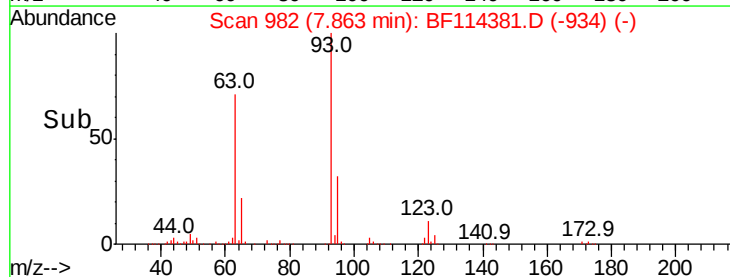
123 11.2 9.5 14.3

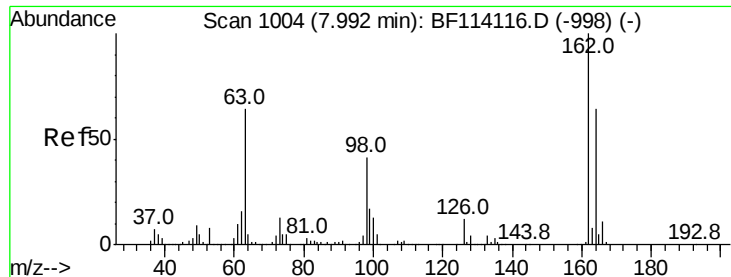


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

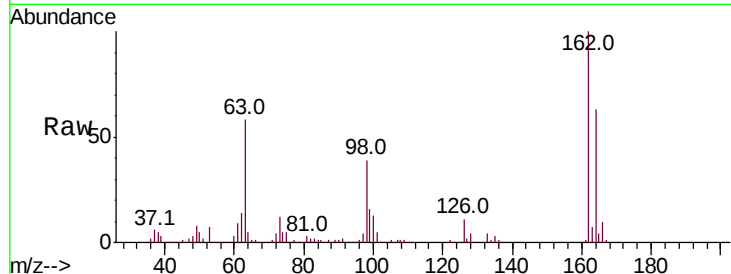




#29
2,4-Dichlorophenol
Concen: 44.997 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.6	83.6
98	39.0	20.6	60.6

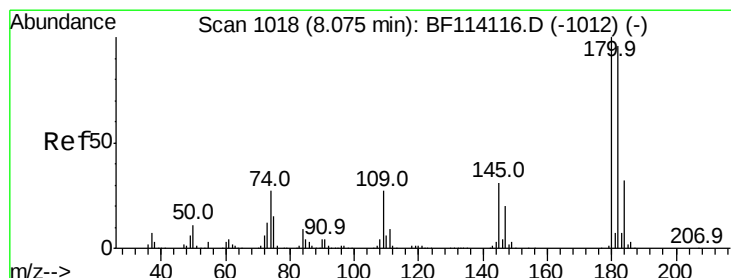
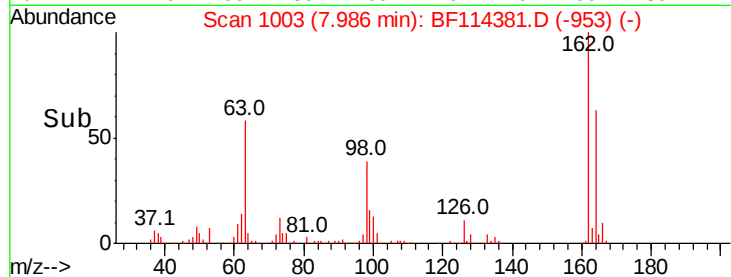
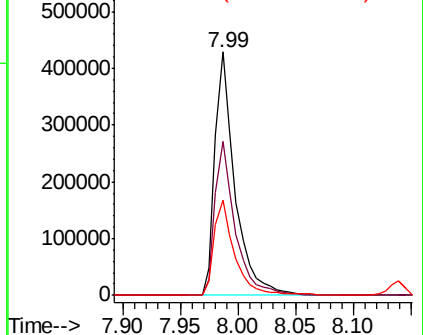


Abundance

Ion 162.00 (161.70 to 162.70): E

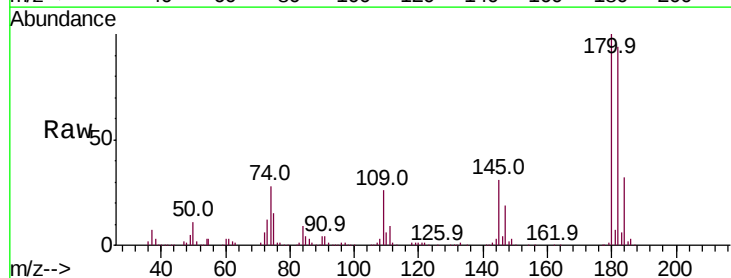
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.566 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.6	114.8
145	30.6	25.1	37.7

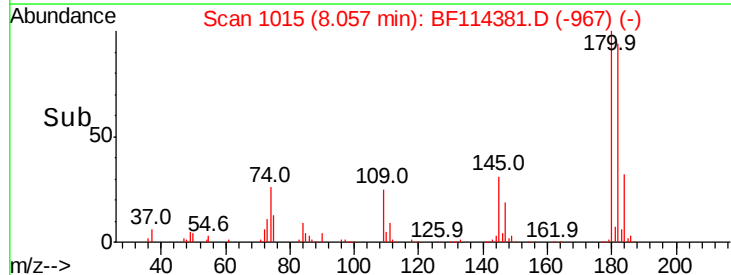
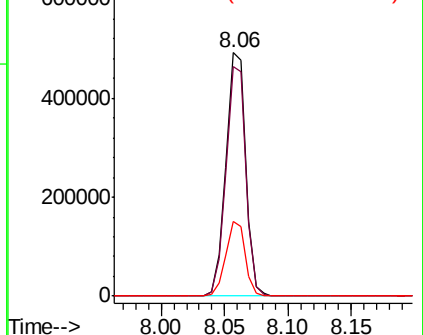


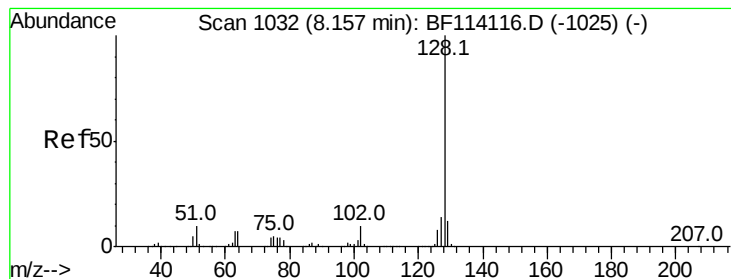
Abundance

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: 43.331 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

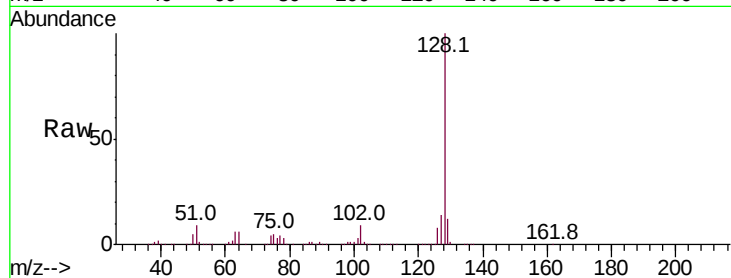
Tot Ion:128 Resp: 1690629

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

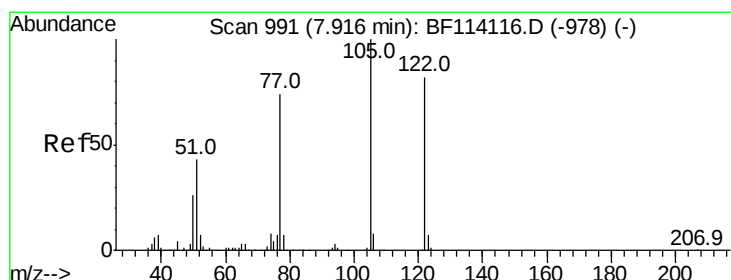
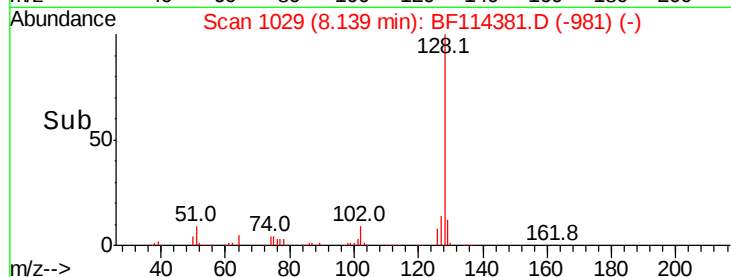
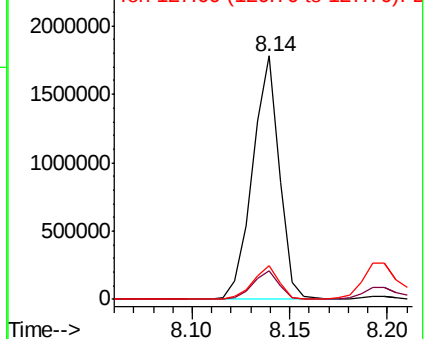
127 13.9 11.3 16.9



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: 46.266 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

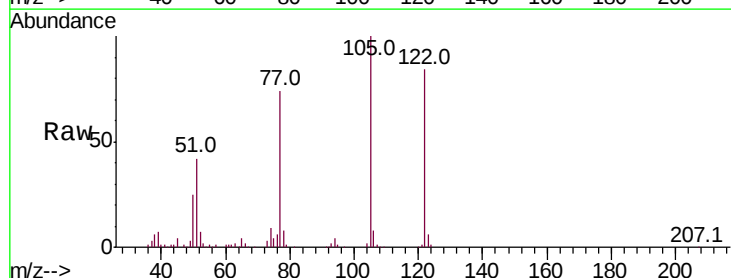
Tgt Ion:122 Resp: 378613

Ion Ratio Lower Upper

122 100

105 119.6 99.9 139.9

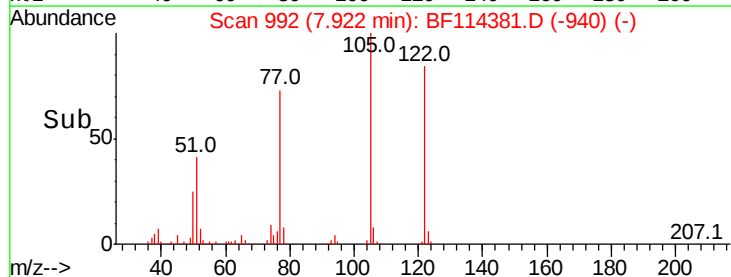
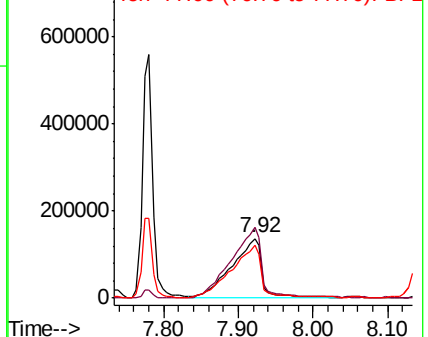
77 88.3 69.4 109.4



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

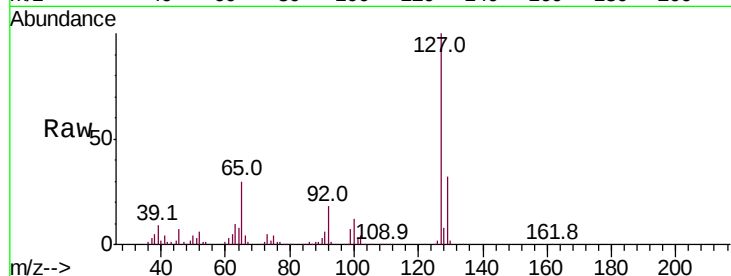




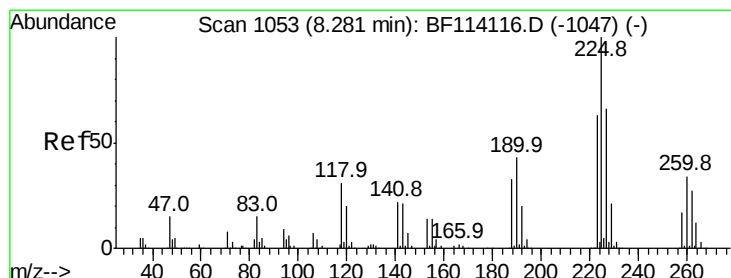
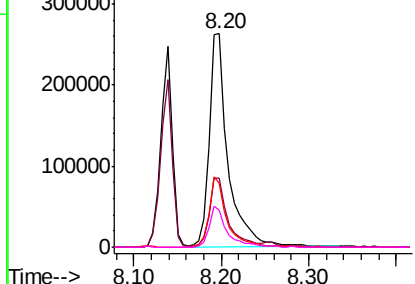
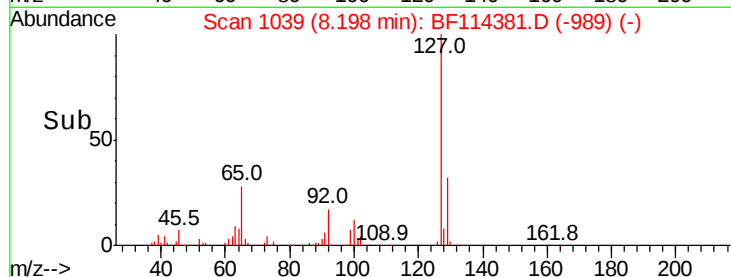
#33
4-Chloroaniline
Concen: 22.180 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	394361
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.7 40.1
65	30.0	25.4 38.0
92	17.5	15.4 23.2

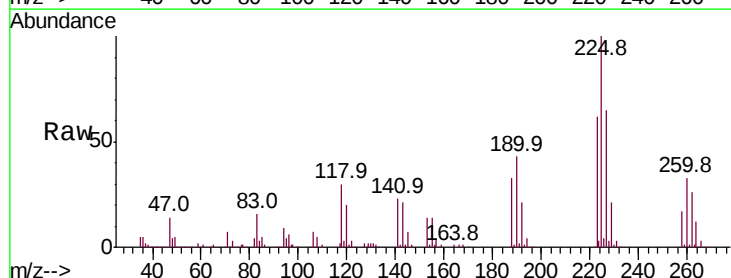


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

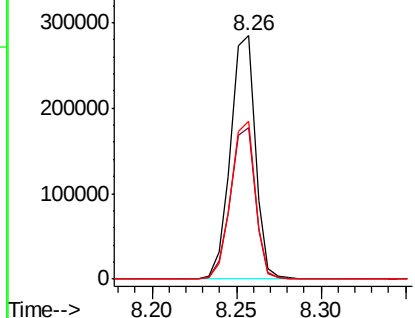
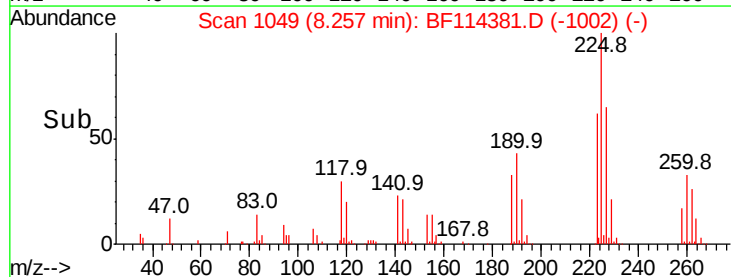


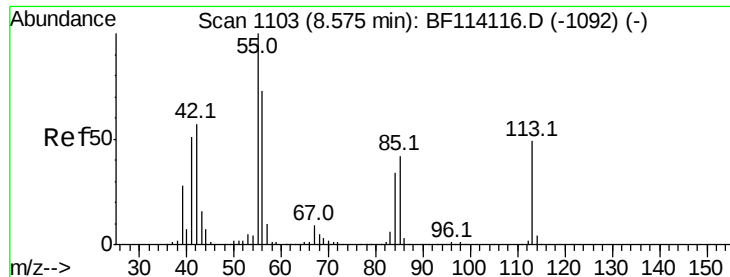
#34
Hexachlorobutadiene
Concen: 39.085 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:225	Resp:	290870
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.2 75.2
227	65.0	52.6 79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

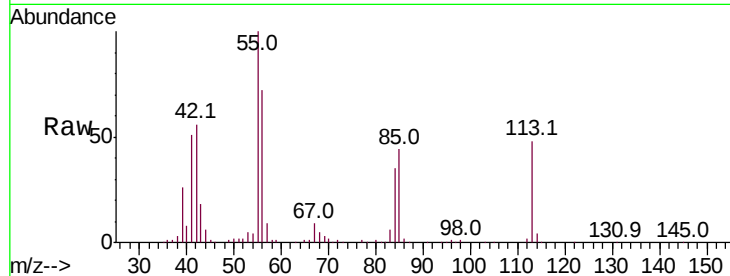




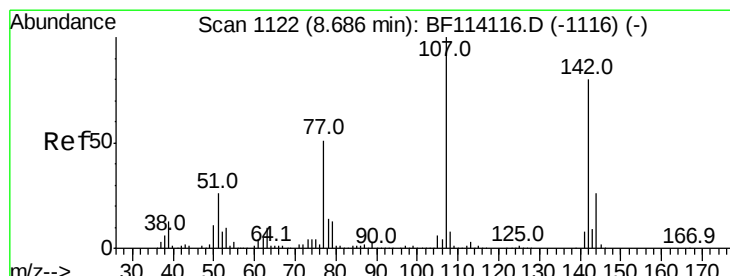
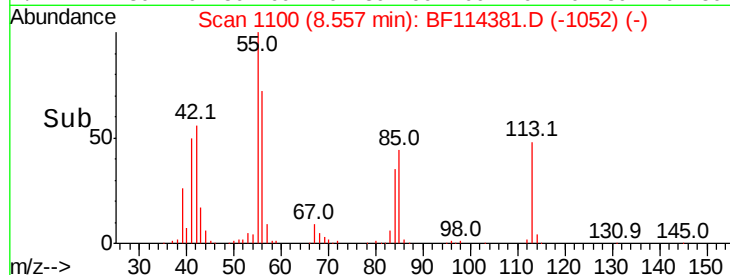
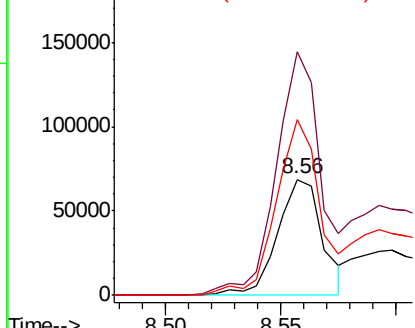
#35
 Caprolactam
 Concen: 24.693 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 92612
 Ion Ratio Lower Upper
 113 100
 55 209.7 183.5 223.5
 56 151.6 128.8 168.8

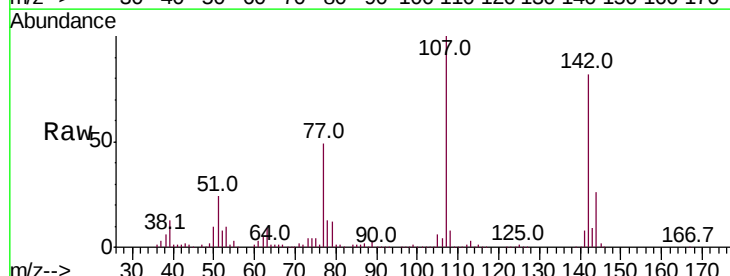


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

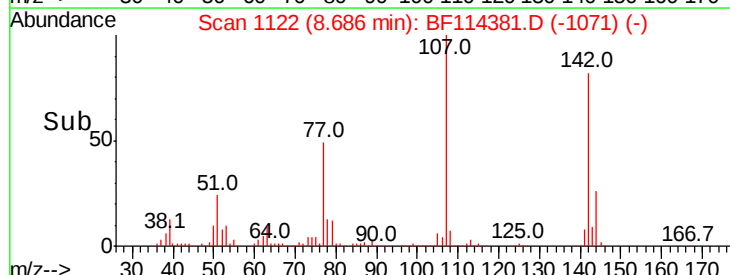
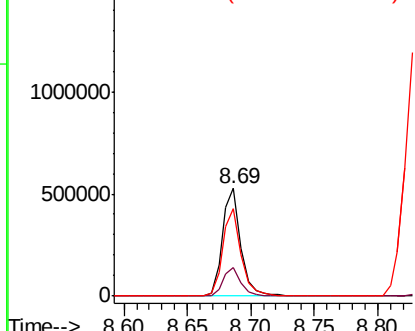


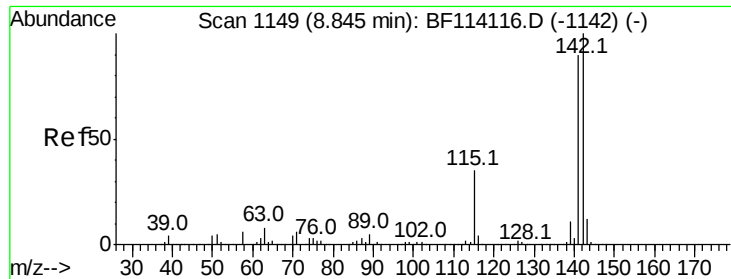
#36
 4-Chloro-3-methylphenol
 Concen: 46.071 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion:107 Resp: 533401
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.4 30.6
 142 81.7 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

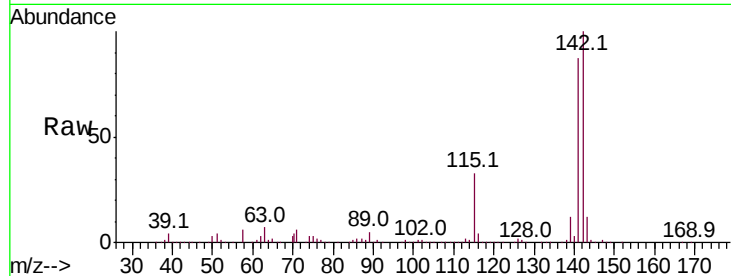




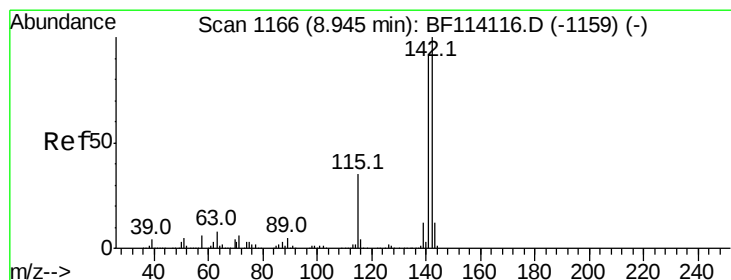
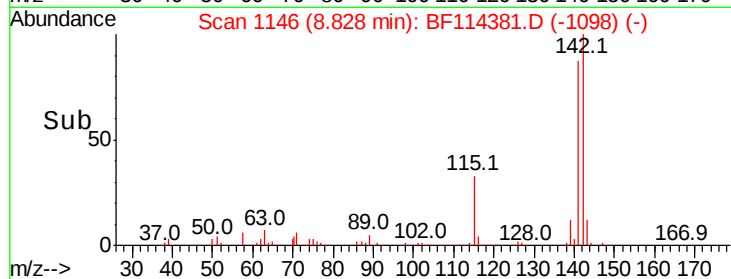
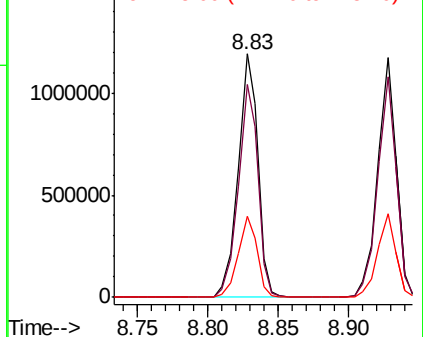
#37
 2-Methylnaphthalene
 Concen: 45.986 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1157628
 Ion Ratio Lower Upper
 142 100
 141 87.4 72.1 108.1
 115 33.3 28.0 42.0

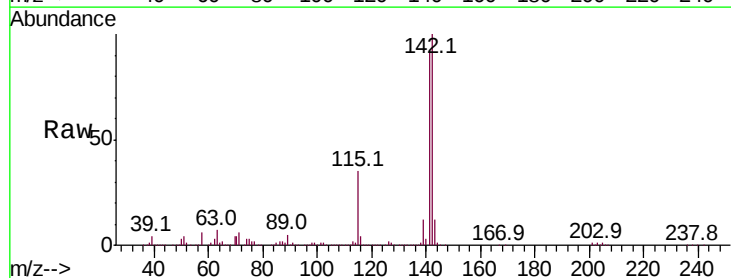


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

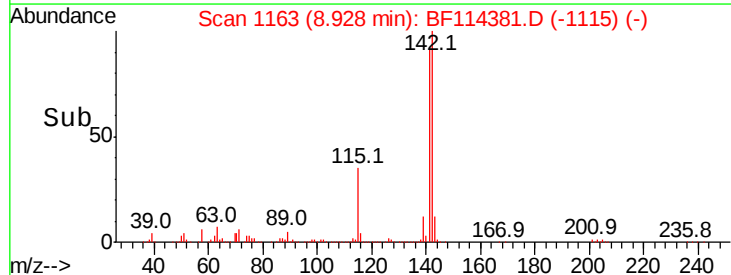
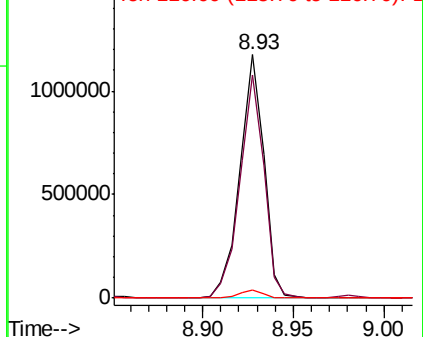


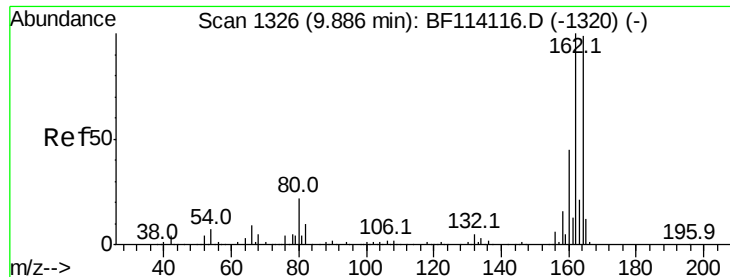
#38
 1-Methylnaphthalene
 Concen: 45.782 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion:142 Resp: 1085317
 Ion Ratio Lower Upper
 142 100
 141 91.7 73.4 110.0
 116 3.6 3.1 4.7



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

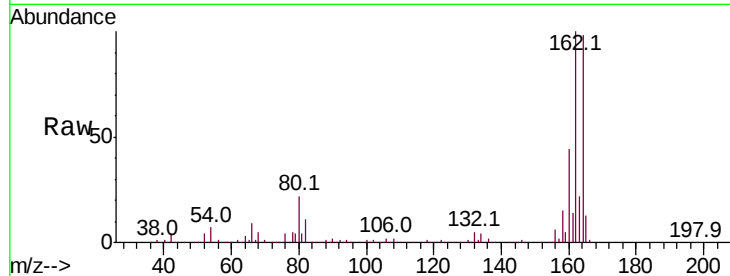




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.0	36.5	54.7

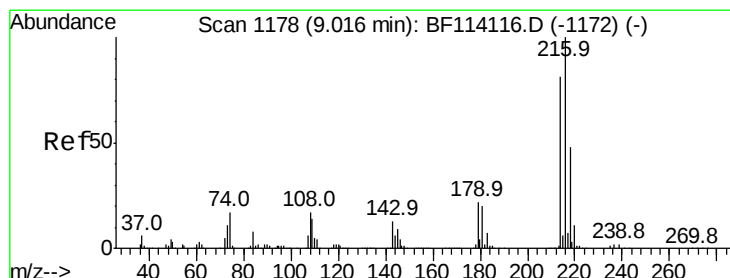
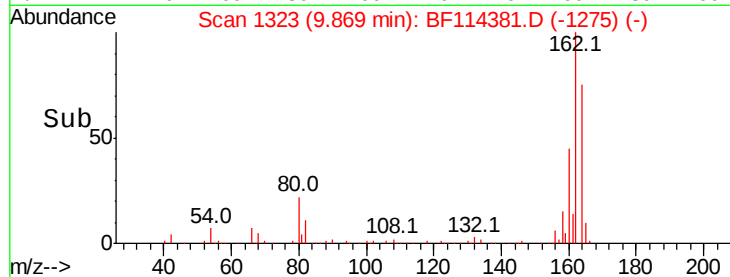
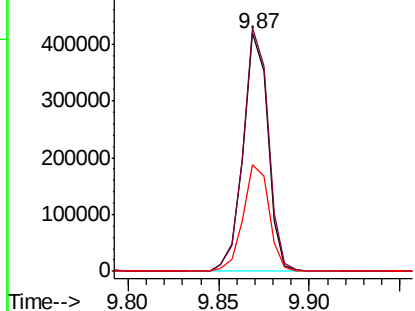


Abundance

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: 43.316 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.9	95.9
179	21.2	17.0	25.6
108	18.0	14.8	22.2

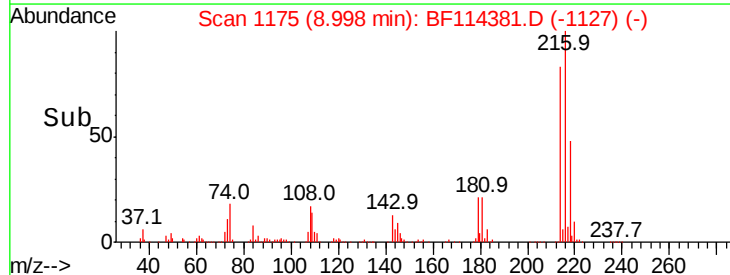
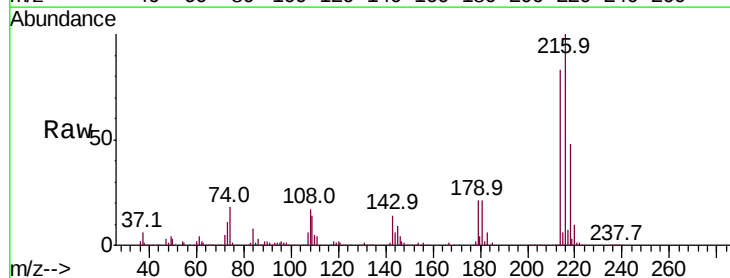
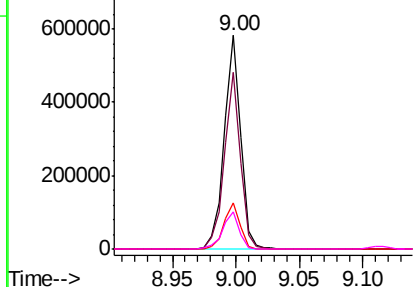
Abundance

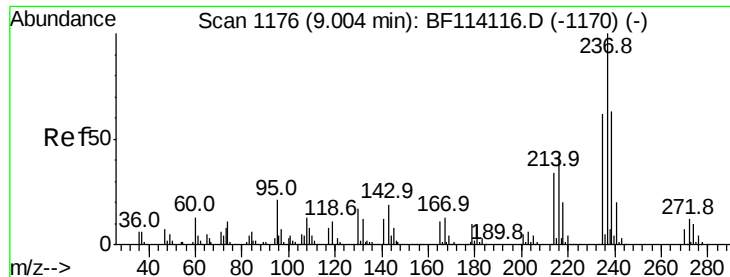
Ion 216.00 (215.70 to 216.70): E

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: 20.715 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

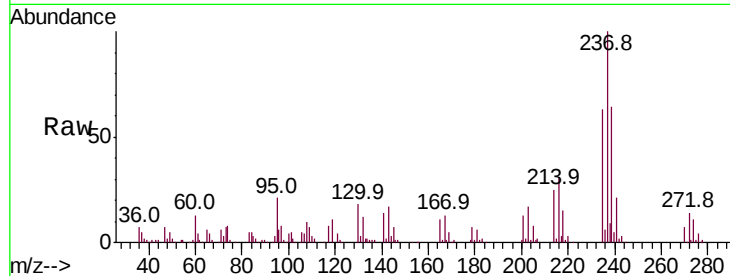
Tot Ion:237 Resp: 97643

Ion Ratio Lower Upper

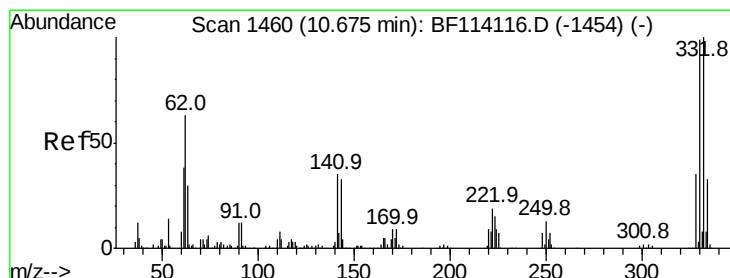
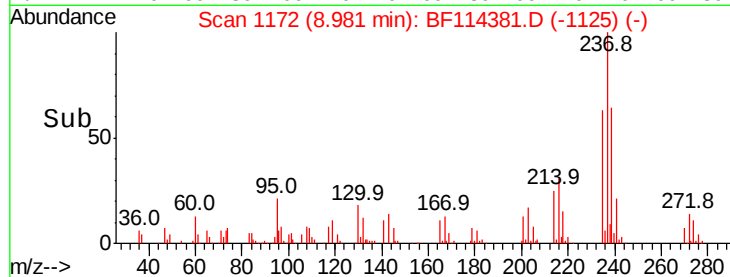
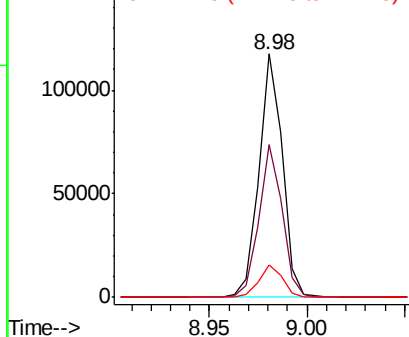
237 100

235 62.6 42.0 82.0

272 13.5 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: 116.429 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

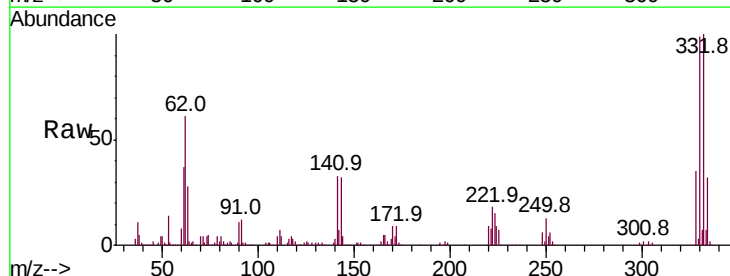
Tgt Ion:330 Resp: 480615

Ion Ratio Lower Upper

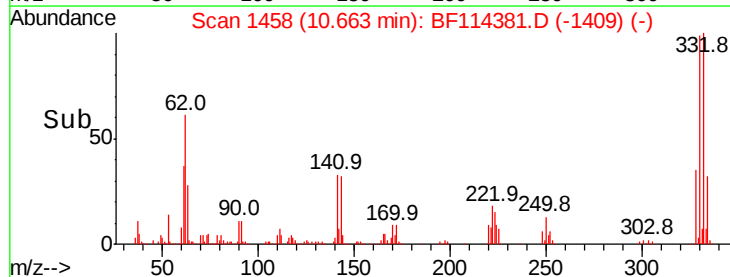
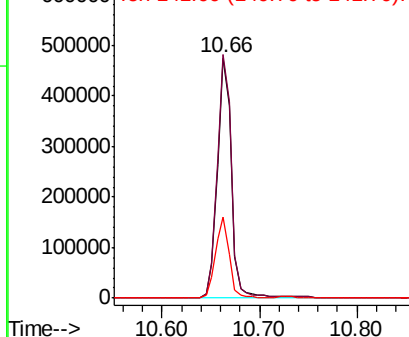
330 100

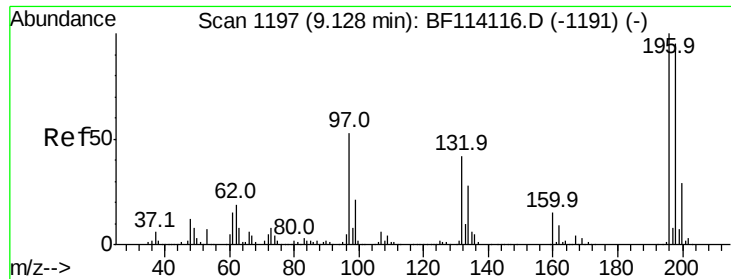
332 102.7 81.4 122.2

141 32.7 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

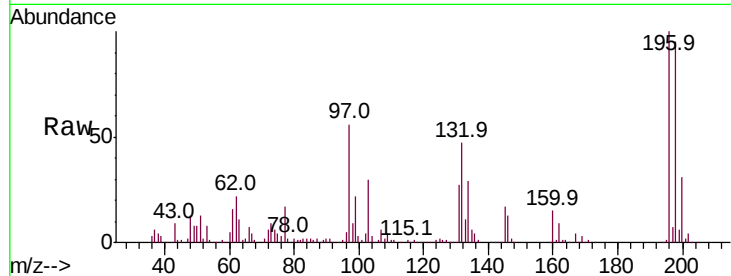




#43
 2,4,6-Trichlorophenol
 Concen: 40.755 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.9	113.9
200	30.6	23.5	35.3

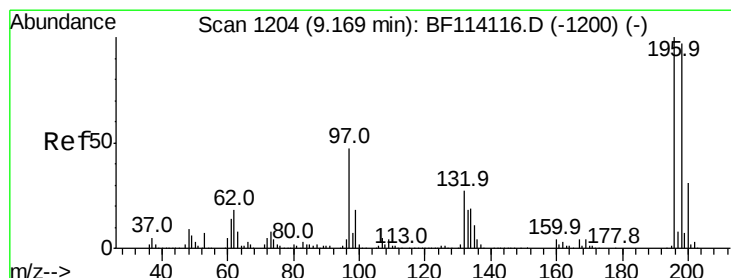
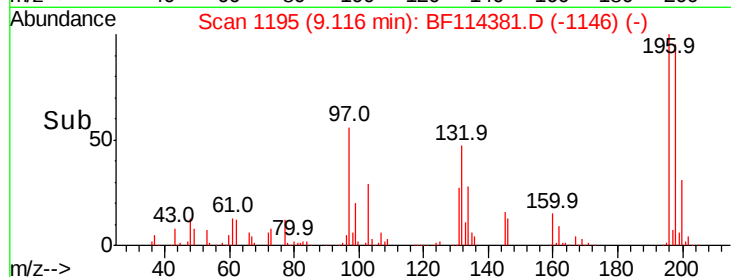
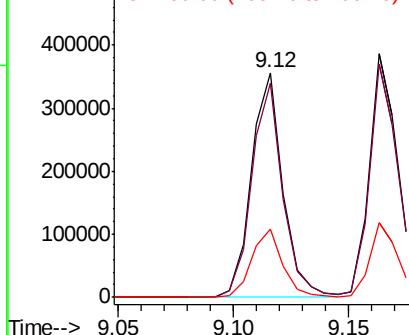


Abundance

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: 42.422 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.7	116.5
97	53.1	38.2	57.2
132	30.2	21.4	32.2

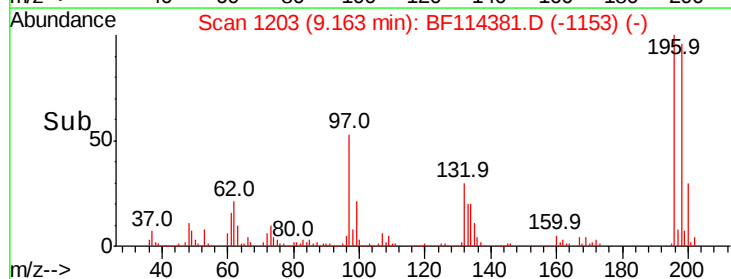
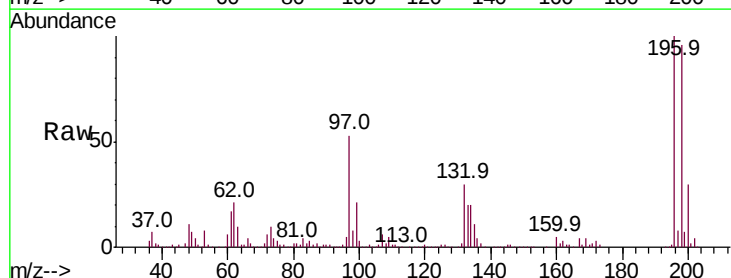
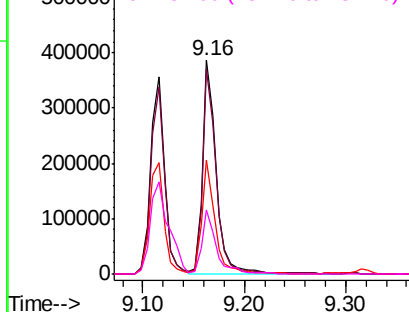
Abundance

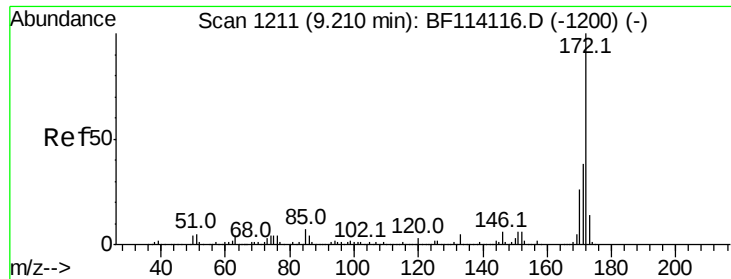
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

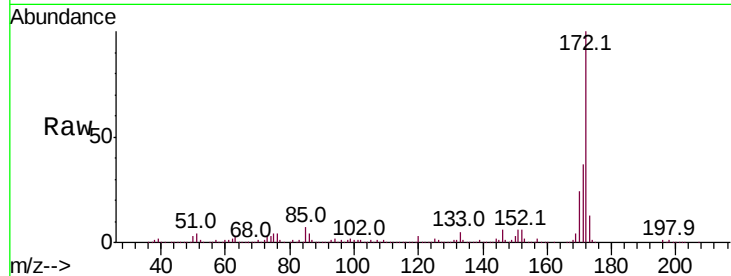




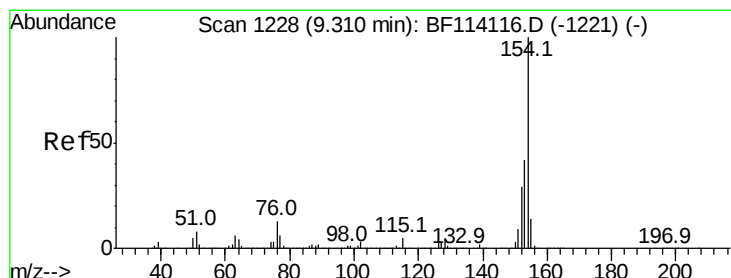
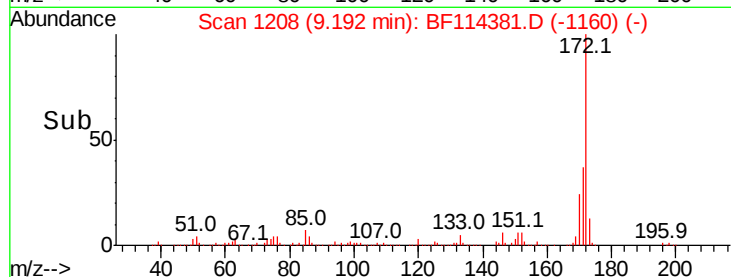
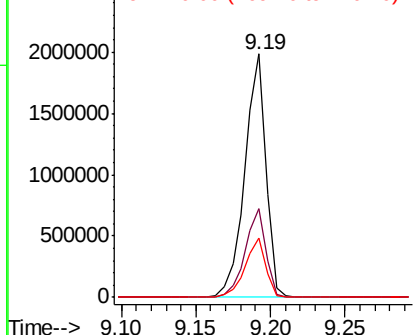
#45
2-Fluorobiphenyl
Concen: 73.470 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1939343
Ion Ratio Lower Upper
172 100
171 36.7 30.7 46.1
170 24.4 20.5 30.7

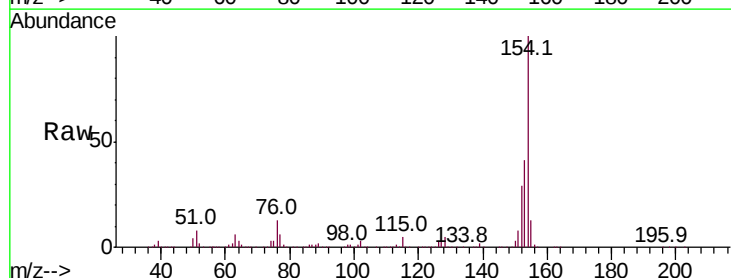


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

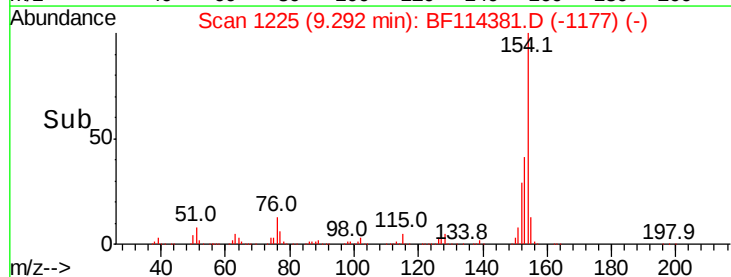
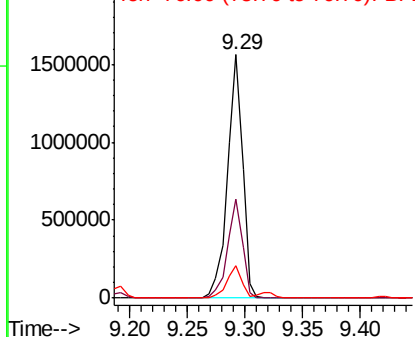


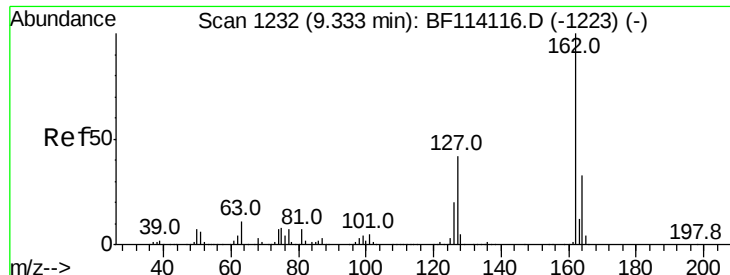
#46
1,1'-Biphenyl
Concen: 43.730 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:154 Resp: 1410597
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 13.2 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

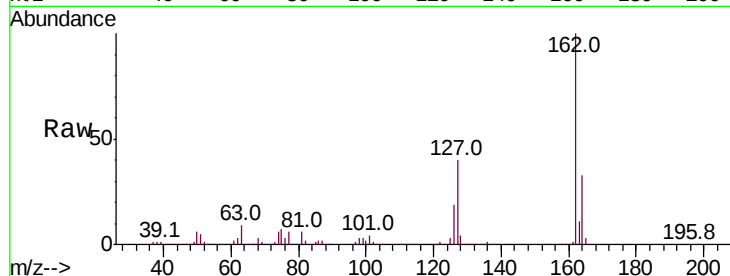




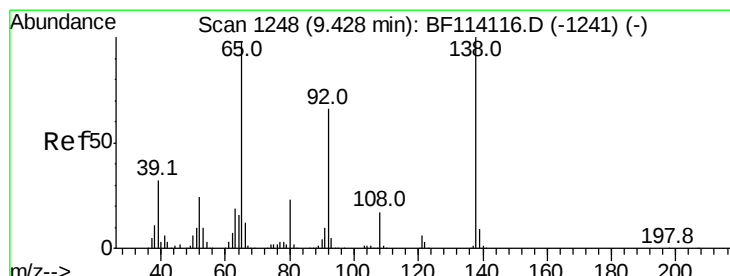
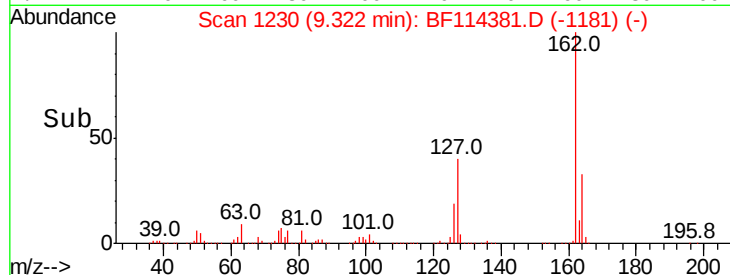
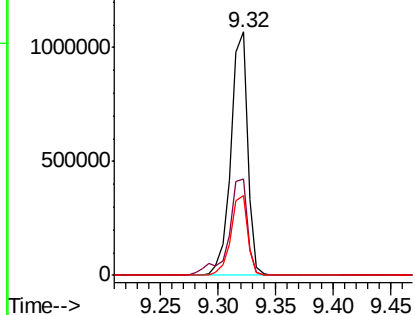
#47
 2-Chloronaphthalene
 Concen: 41.126 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1067638
 Ion Ratio Lower Upper
 162 100
 127 39.8 34.0 51.0
 164 33.0 26.7 40.1

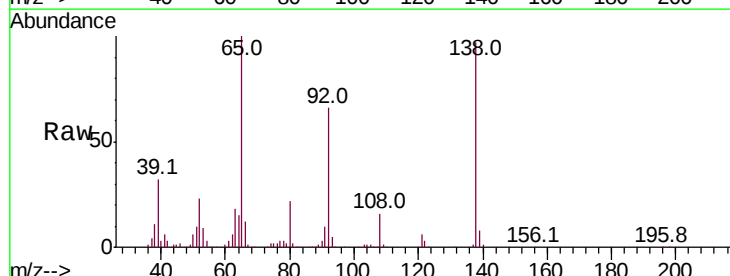


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

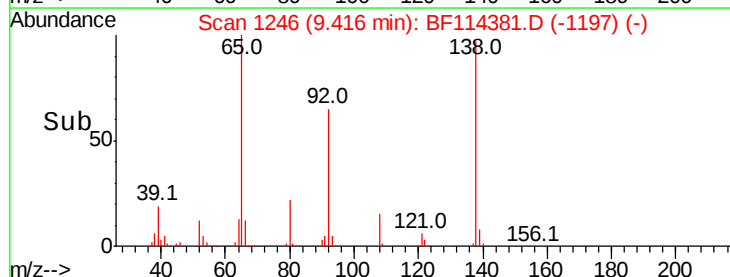
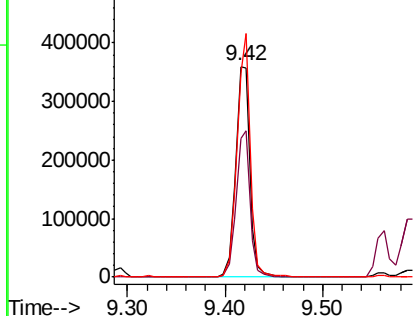


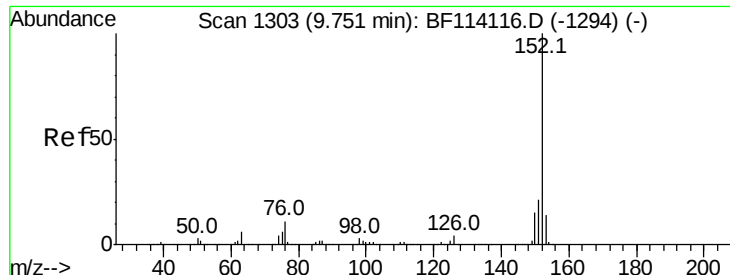
#48
 2-Nitroaniline
 Concen: 39.551 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion: 65 Resp: 364131
 Ion Ratio Lower Upper
 65 100
 92 65.8 53.9 80.9
 138 96.7 81.4 122.0



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





#49

Acenaphthylene

Concen: 42.230 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

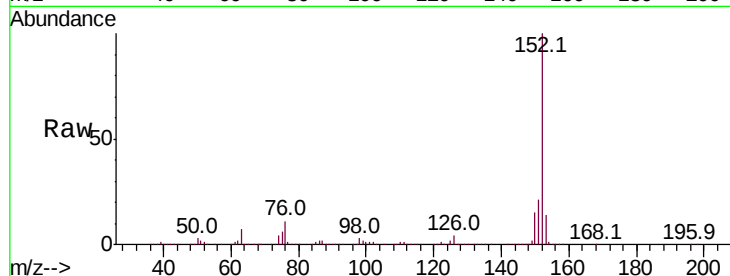
Tot Ion:152 Resp: 1667399

Ion Ratio Lower Upper

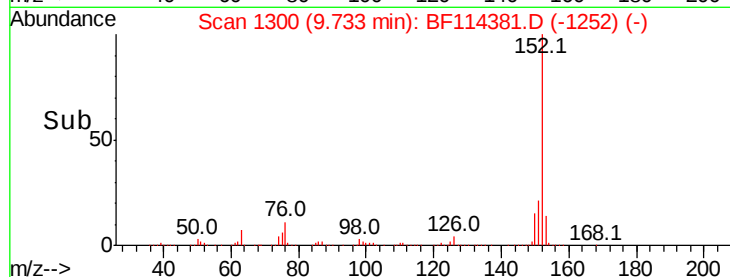
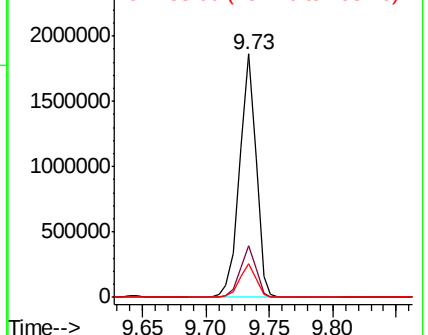
152 100

151 21.1 16.8 25.2

153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
2500000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.073 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

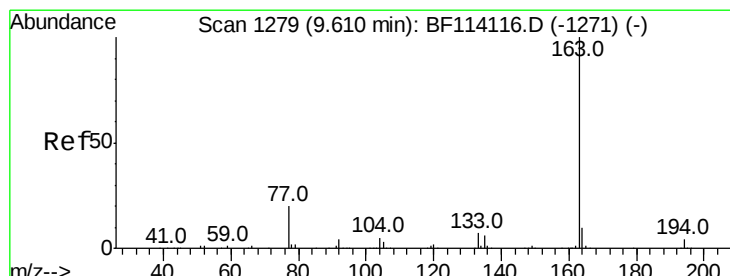
Tgt Ion:163 Resp: 1233206

Ion Ratio Lower Upper

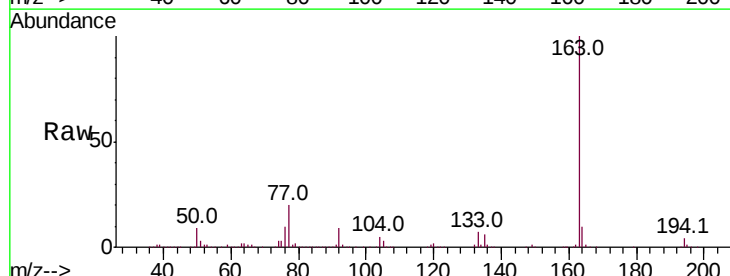
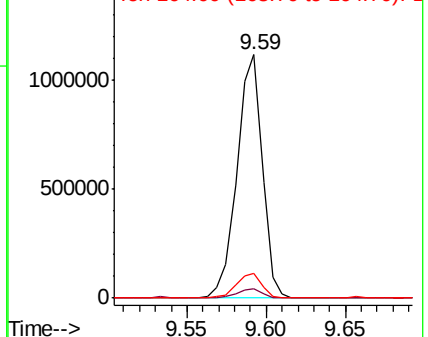
163 100

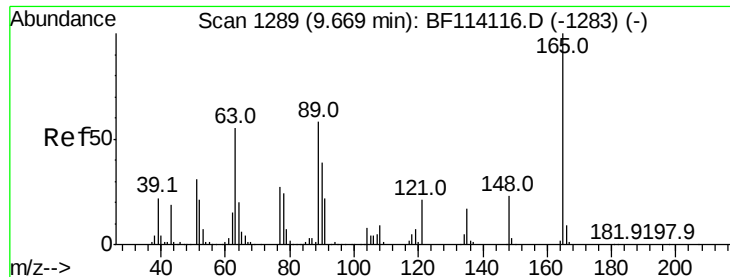
194 3.9 3.4 5.0

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.416 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

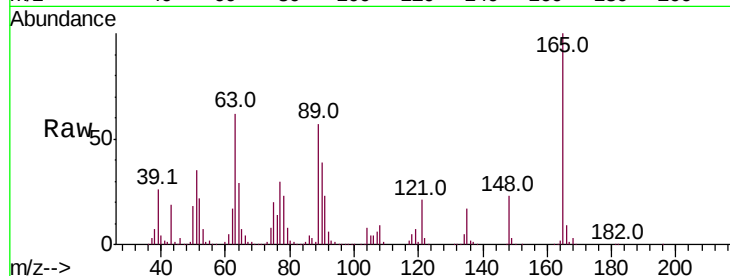
Tot Ion:165 Resp: 275760

Ion Ratio Lower Upper

165 100

63 61.7 50.2 75.4

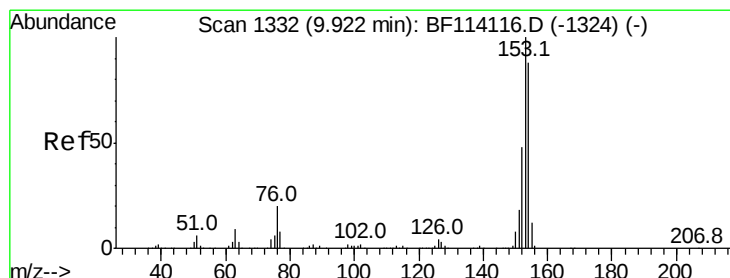
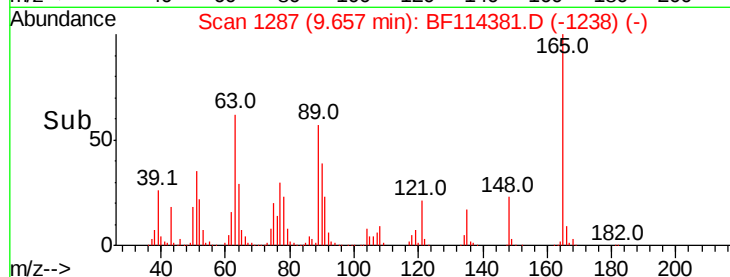
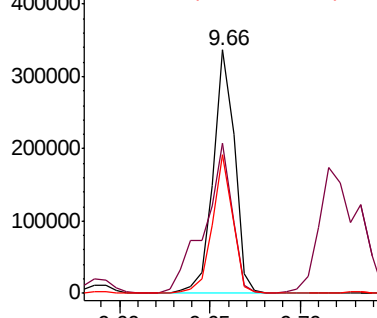
89 57.1 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.627 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

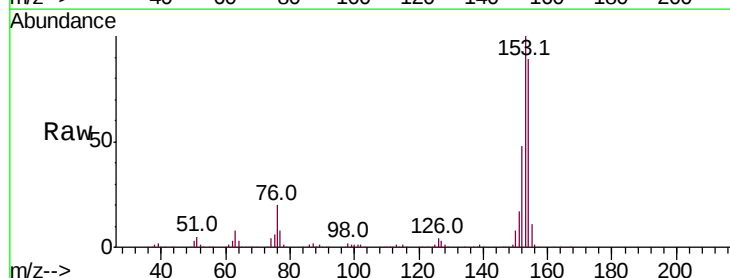
Tgt Ion:154 Resp: 984338

Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

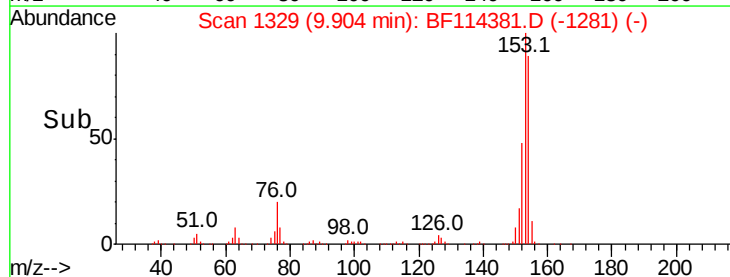
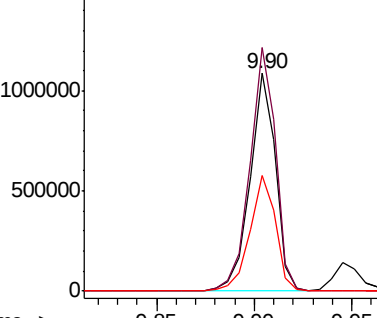
152 53.2 43.4 65.2



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

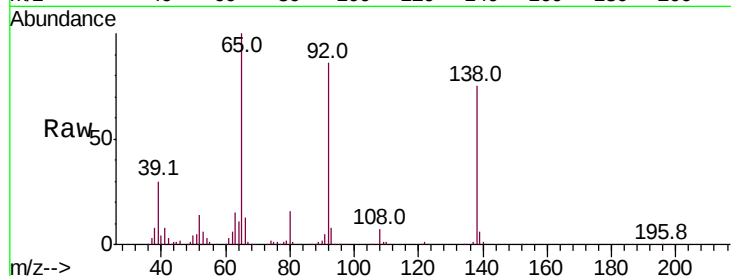




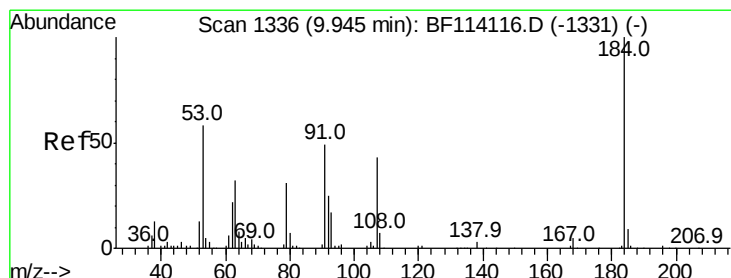
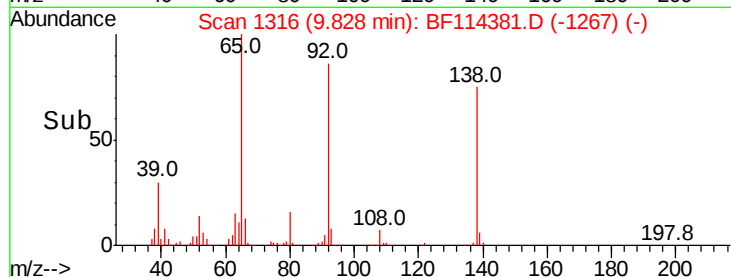
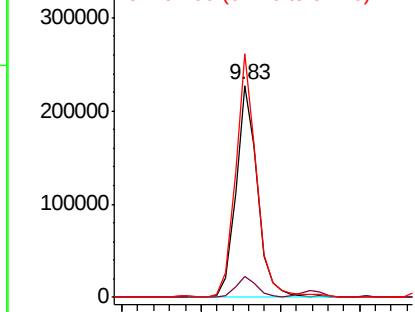
#53
3-Nitroaniline
Concen: 26.274 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 212039
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 114.8 91.2 136.8

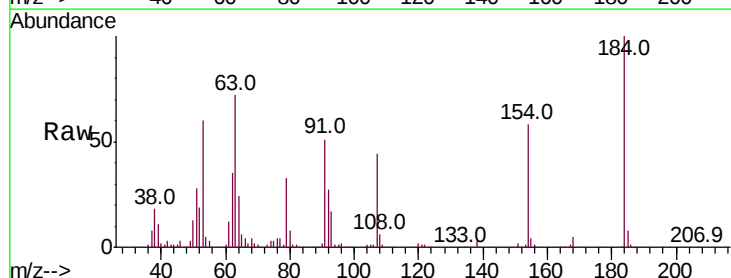


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

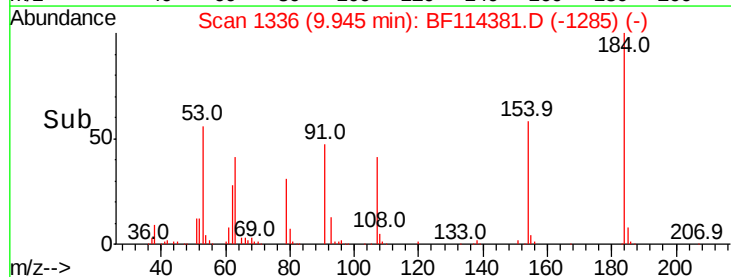
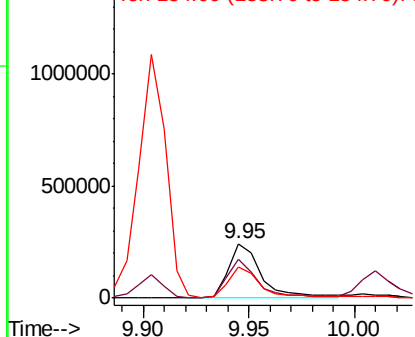


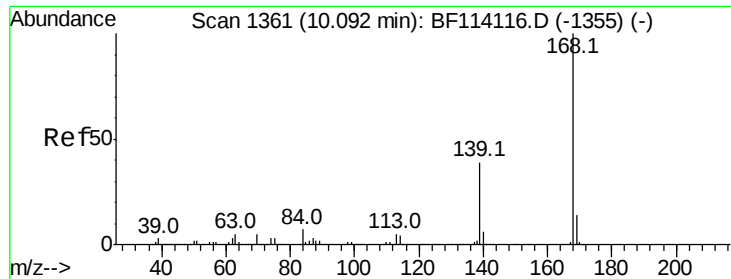
#54
2,4-Dinitrophenol
Concen: 81.700 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:184 Resp: 267593
Ion Ratio Lower Upper
184 100
63 72.0 55.6 83.4
154 58.0 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

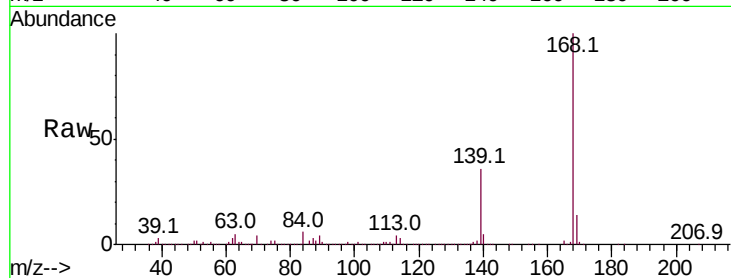




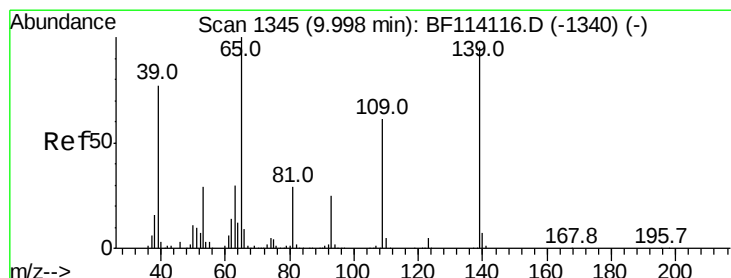
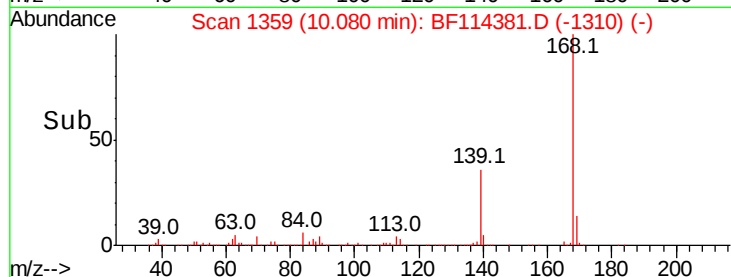
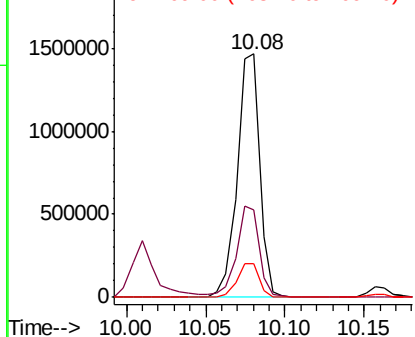
#55
Dibenzofuran
Concen: 40.651 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1444251
Ion Ratio Lower Upper
168 100
139 36.0 31.1 46.7
169 13.7 11.4 17.0

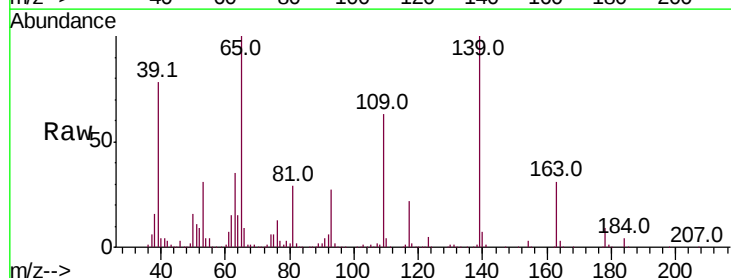


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

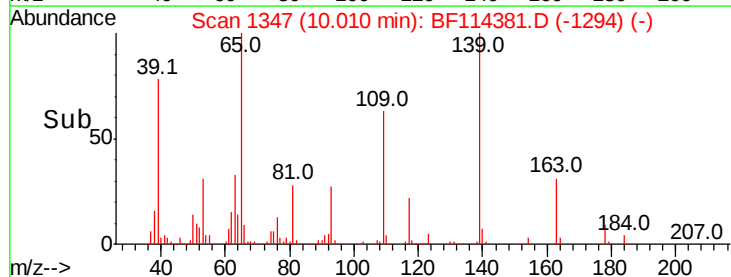
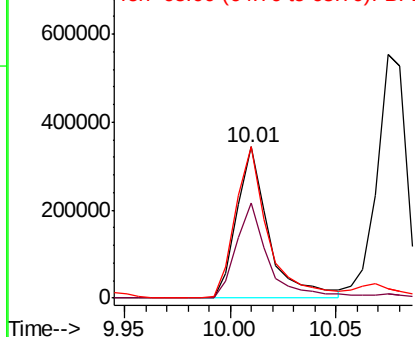


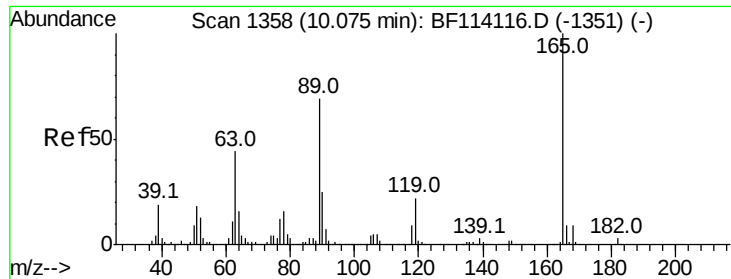
#56
4-Nitrophenol
Concen: 63.526 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:139 Resp: 362556
Ion Ratio Lower Upper
139 100
109 62.6 43.9 83.9
65 99.8 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

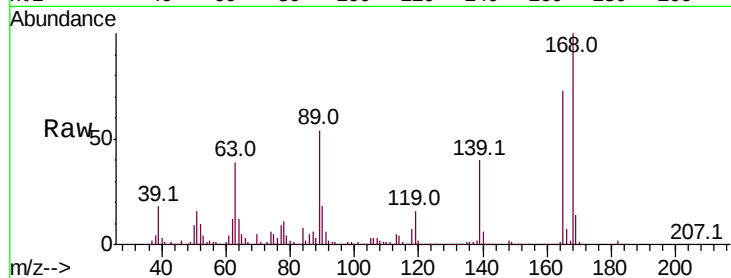




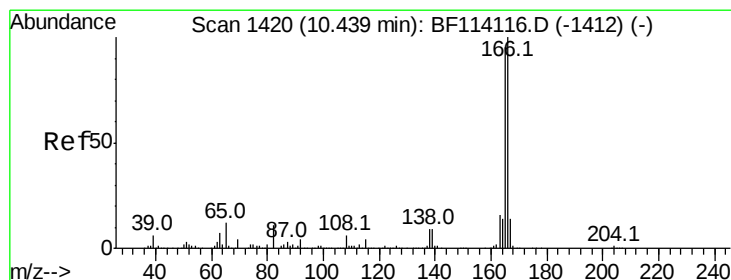
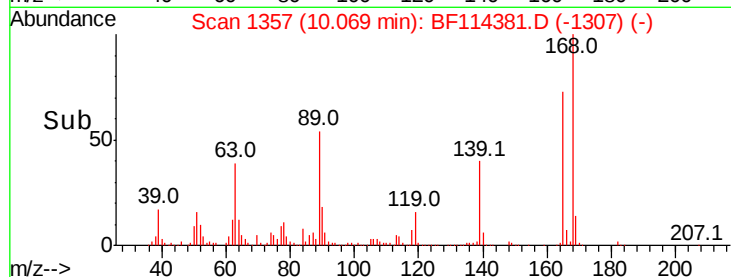
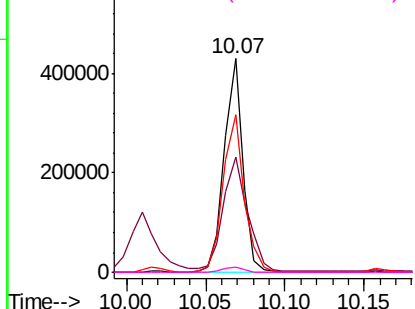
#57
 2,4-Dinitrotoluene
 Concen: 39.752 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	35.5	53.3#
89	73.8	55.2	82.8
182	2.5	2.2	3.2

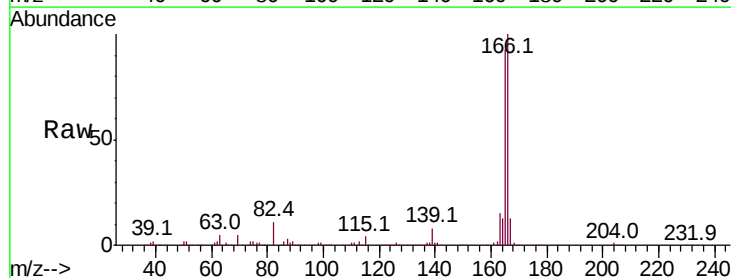


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

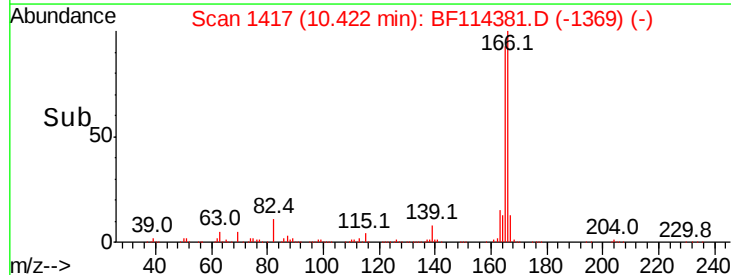
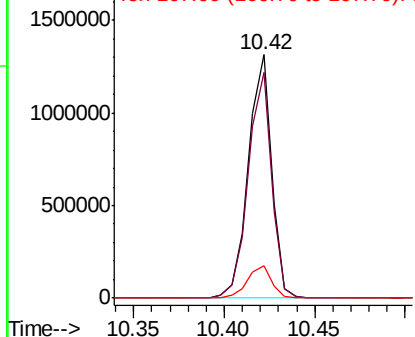


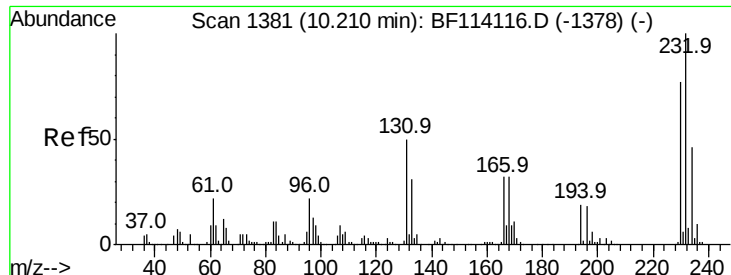
#58
 Fluorene
 Concen: 42.797 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.9	76.1	114.1
167	13.5	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

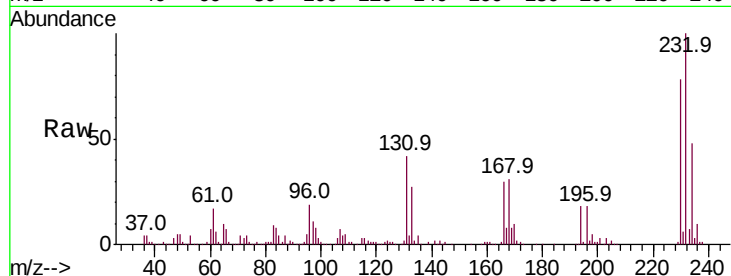




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.444 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.6	53.4
130	2.2	1.6	2.4
166	30.7	24.1	36.1



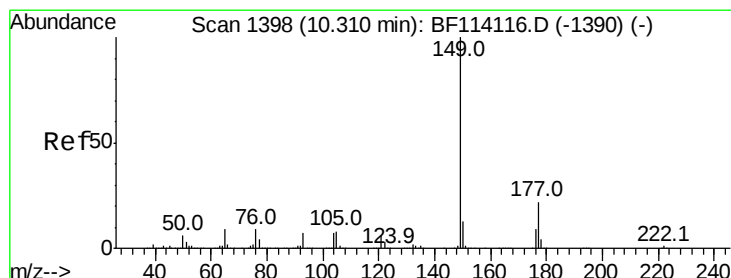
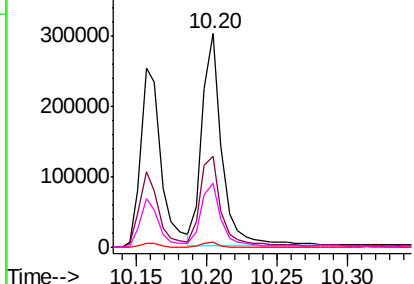
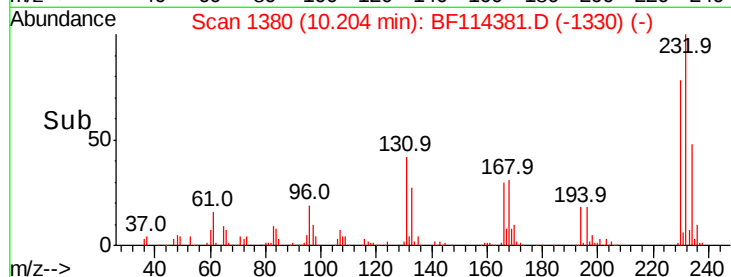
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

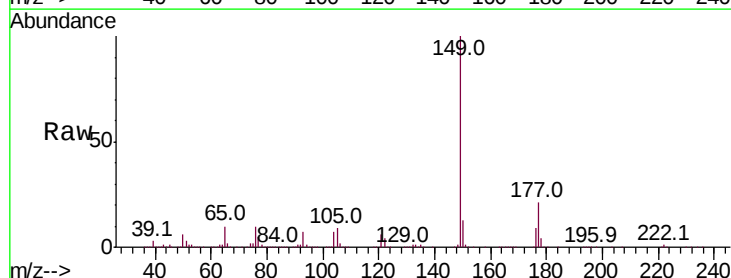
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.451 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.8	26.6
150	12.9	10.2	15.2

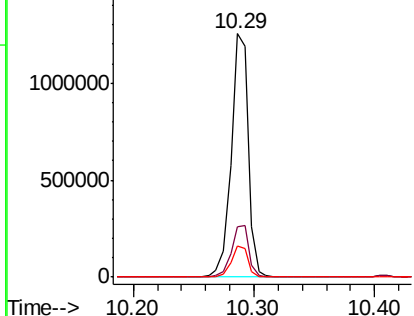
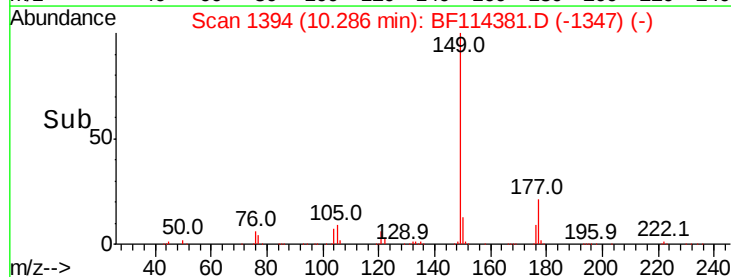


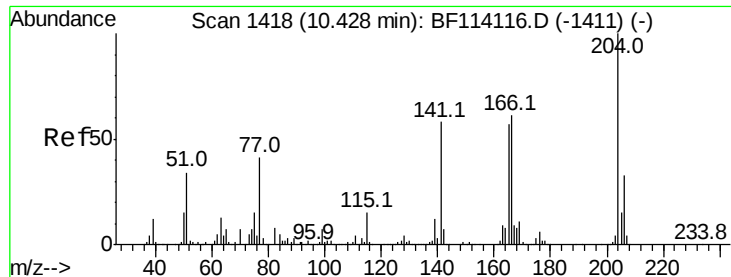
Abundance

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

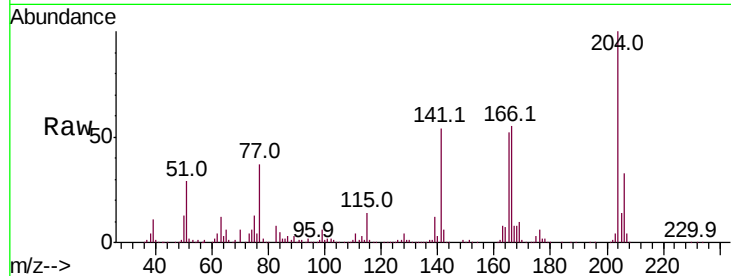




#61
 4-Chlorophenyl-phenylether
 Concen: 41.927 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	53.9	46.4	69.6

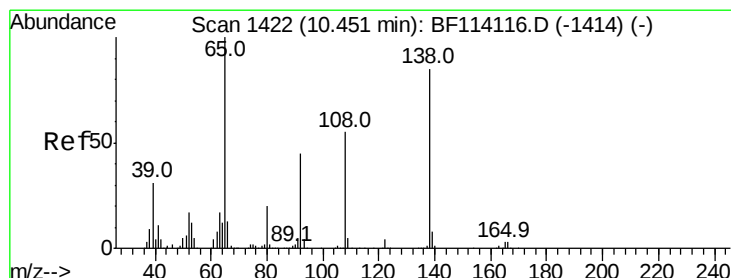
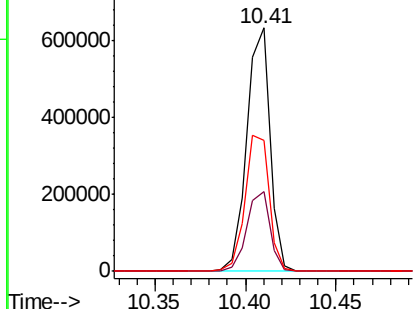
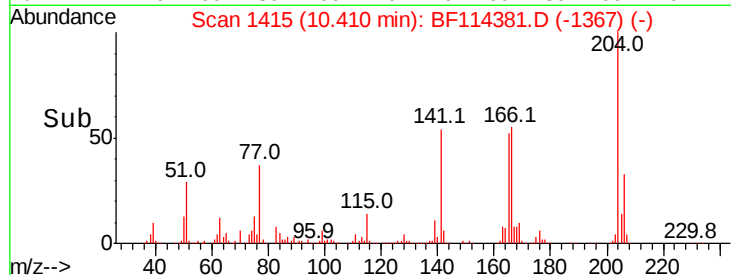


Abundance

Ion 204.00 (203.70 to 204.70): E

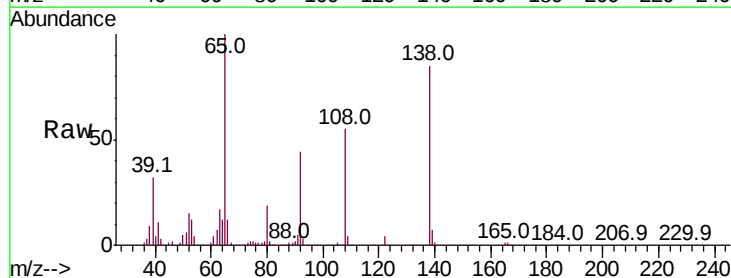
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 35.431 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114381.D
 Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	33.0	73.0
108	64.1	44.9	84.9

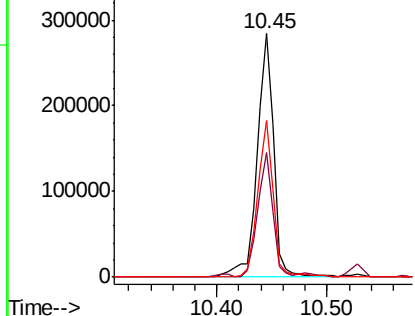
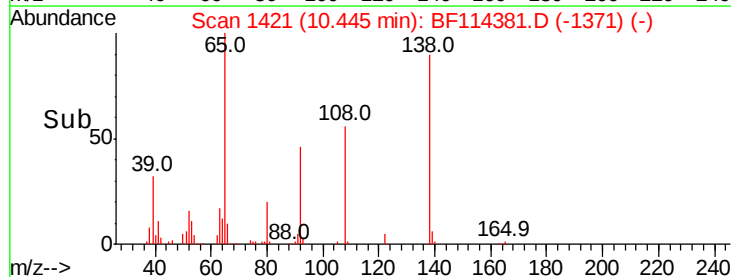


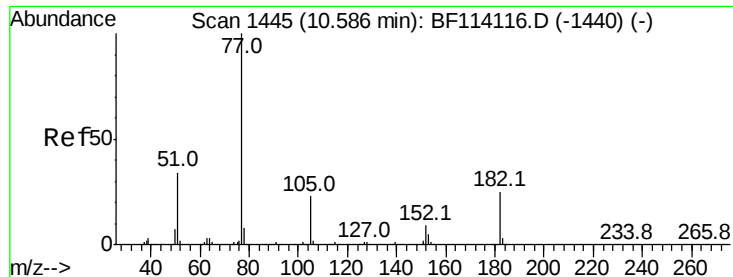
Abundance

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

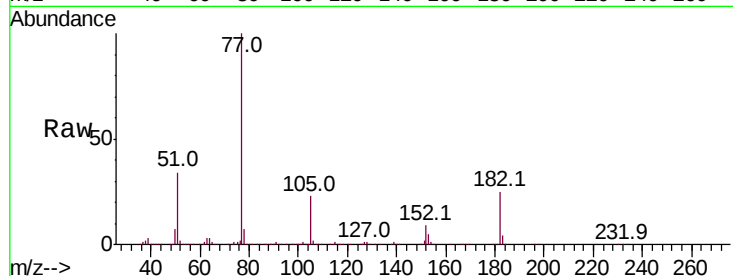




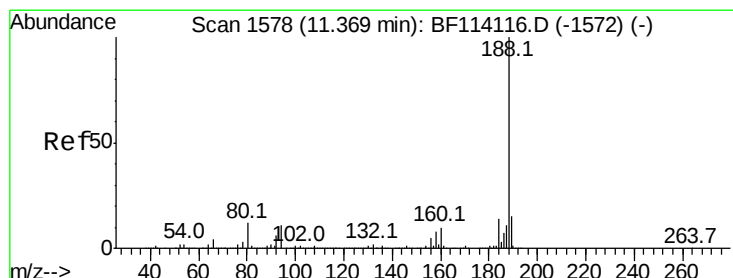
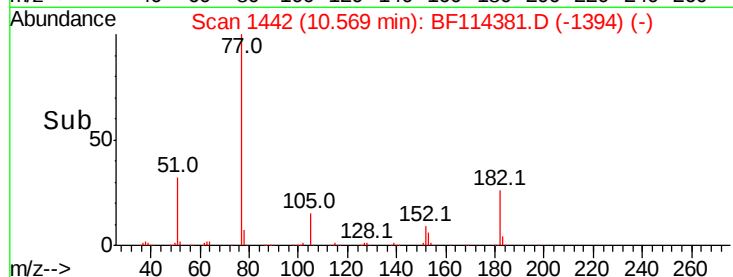
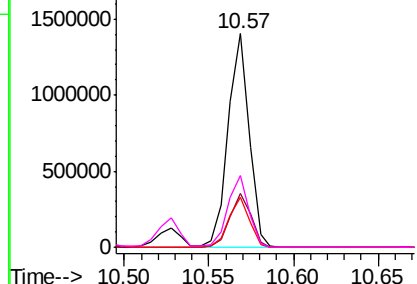
#63
Azobenzene
Concen: 42.214 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1216930
Ion Ratio Lower Upper
77 100
182 25.1 4.7 44.7
105 23.2 2.9 42.9
51 33.5 14.6 54.6

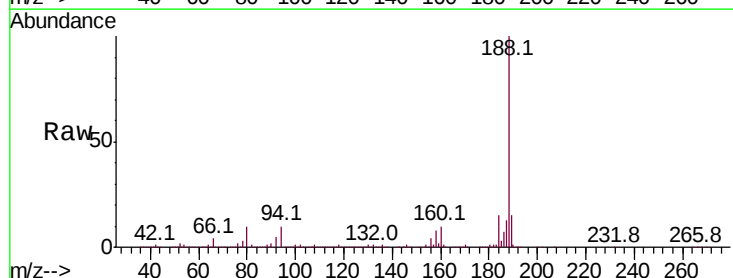


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

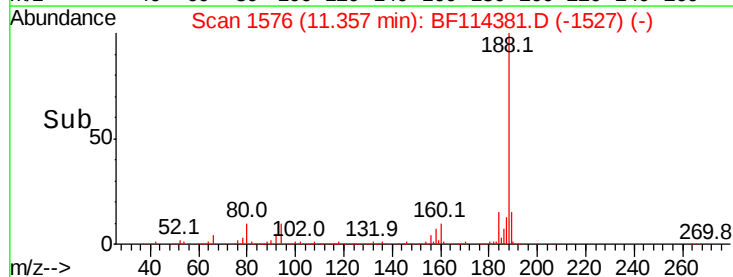
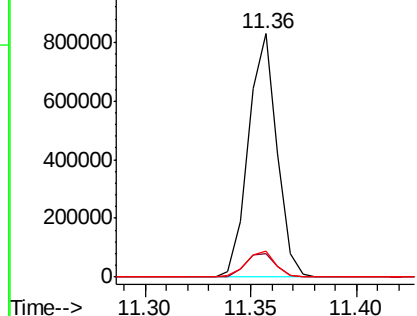


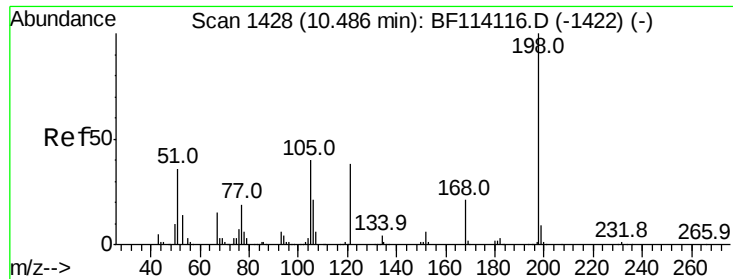
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion: 188 Resp: 775079
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.040 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

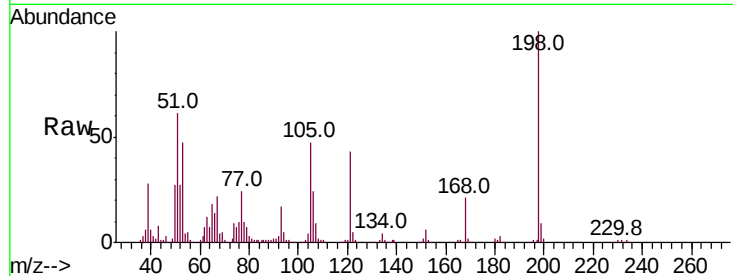
Tot Ion:198 Resp: 171470

Ion Ratio Lower Upper

198 100

51 61.2 28.0 68.0

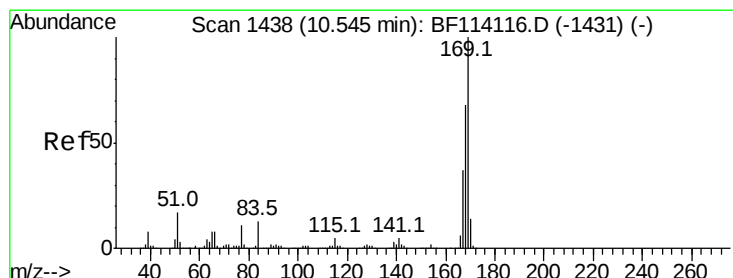
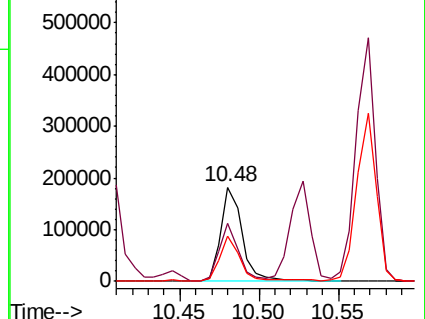
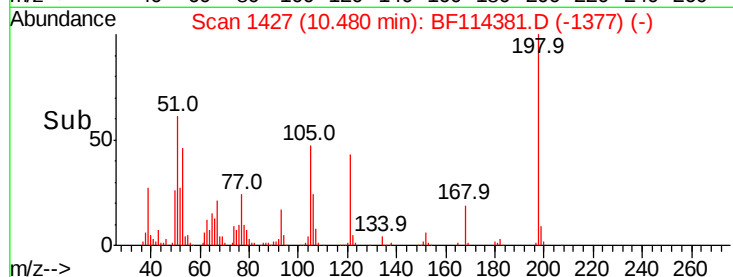
105 47.2 21.1 61.1



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: 43.961 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

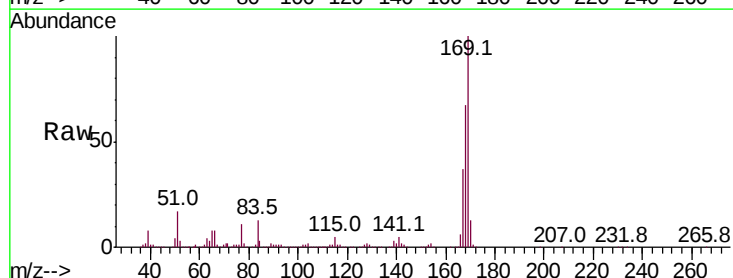
Tgt Ion:169 Resp: 1034124

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

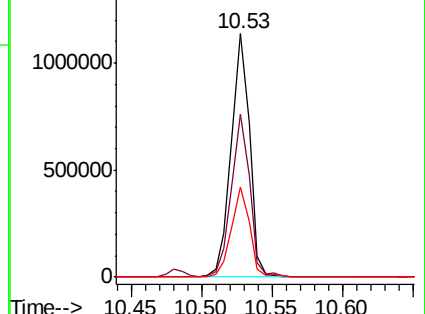
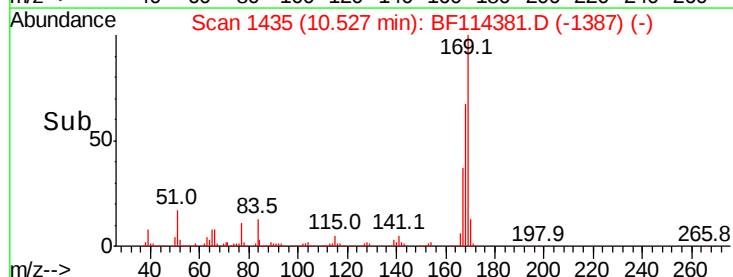
167 37.0 29.8 44.8

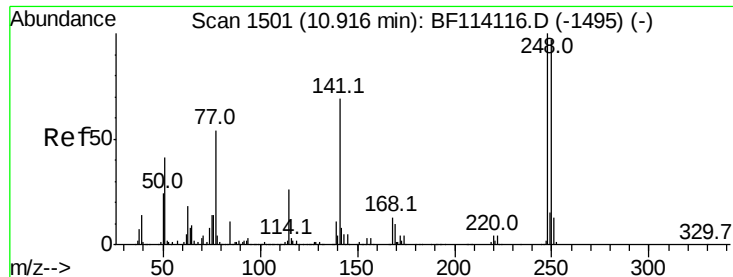


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

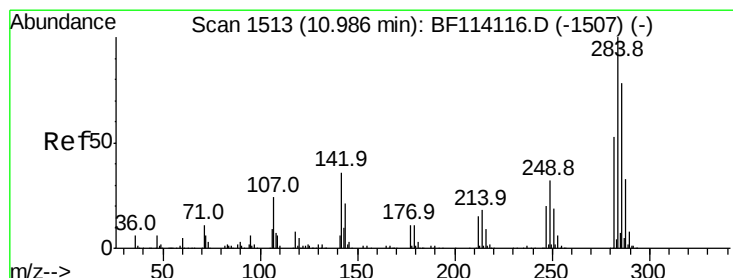
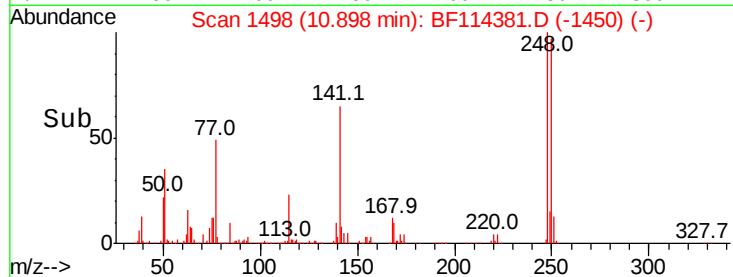
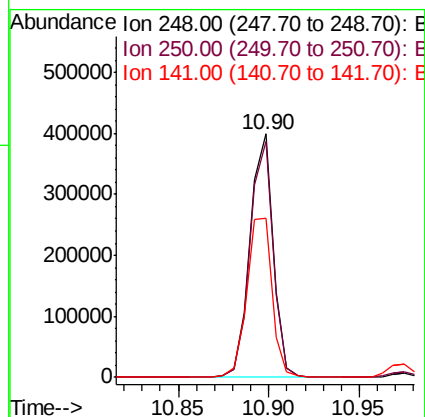
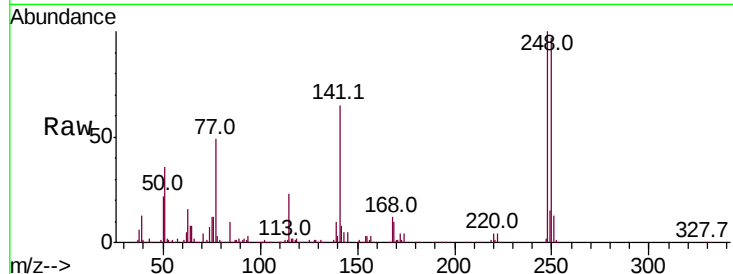




#67
4-Bromophenyl-phenylether
Concen: 41.563 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

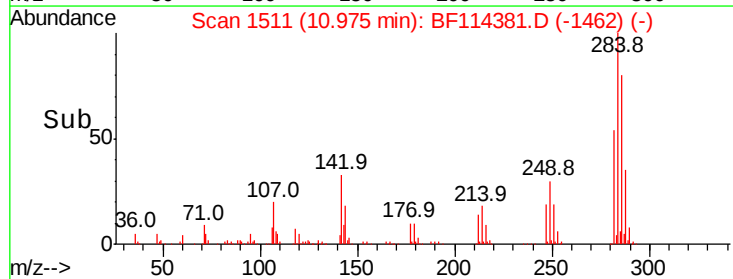
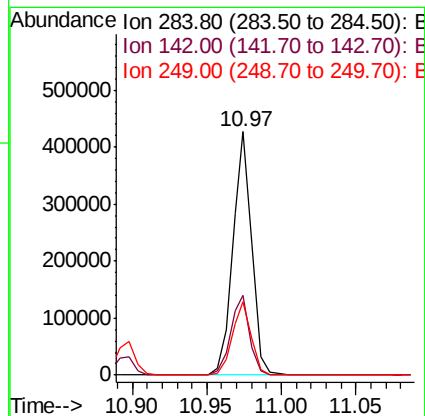
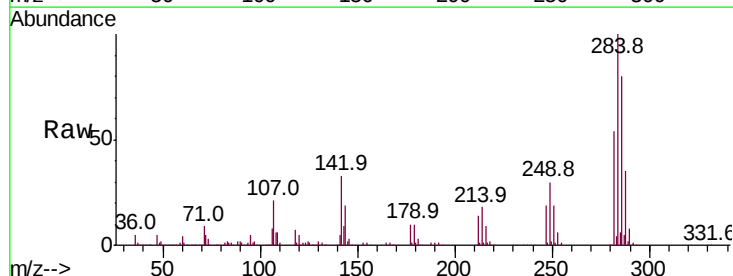
Instrument :
BNA_F
ClientSampleId :

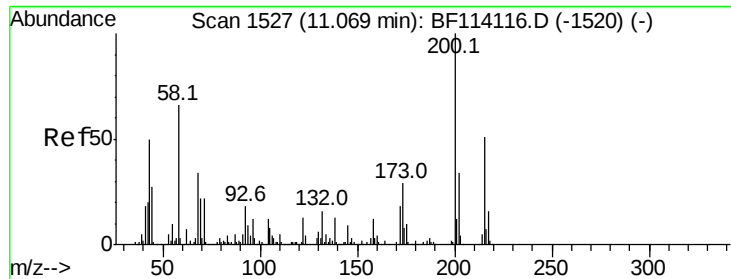
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.2
141	65.4	55.6	83.4



#68
Hexachlorobenzene
Concen: 40.271 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	28.4	42.6
249	30.3	25.2	37.8

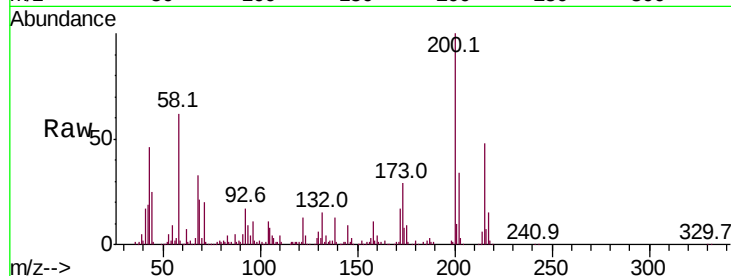




#69
Atrazine
Concen: 25.830 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.9	48.9
215	47.7	30.7	70.7

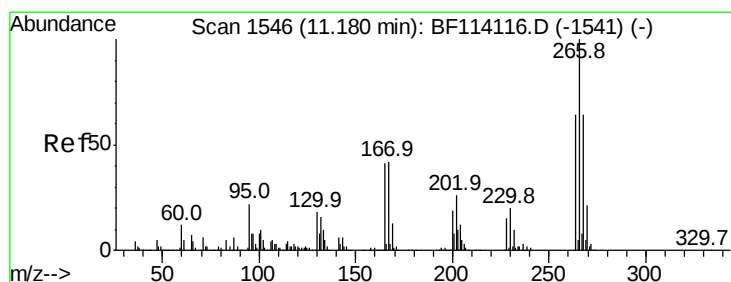
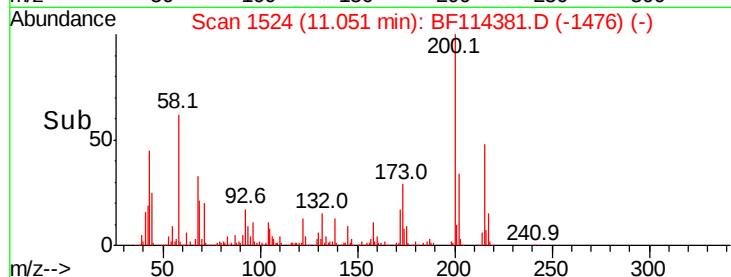
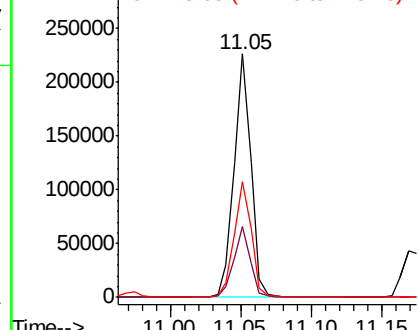


Abundance

Ion 200.00 (199.70 to 200.70): E

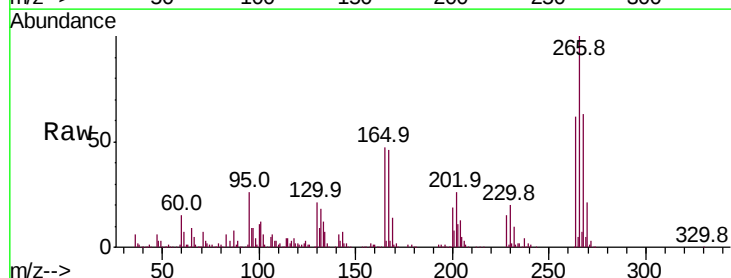
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.312 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.4	51.1	76.7

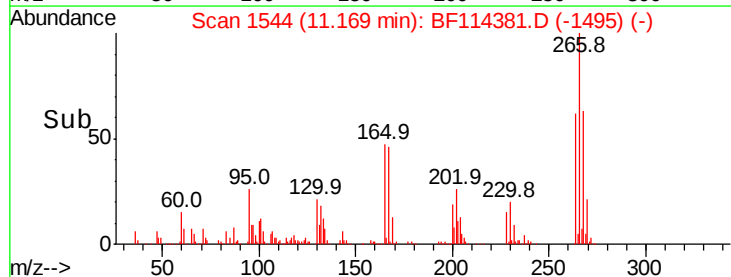
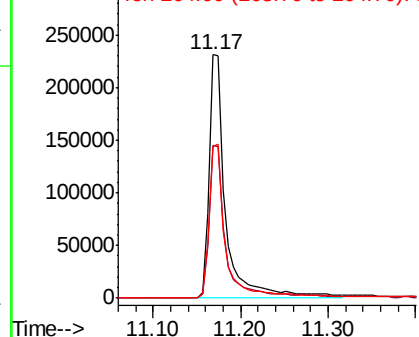


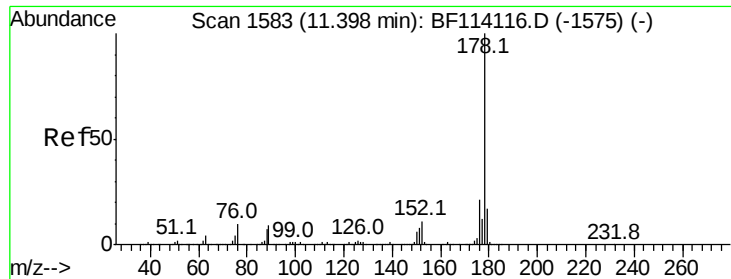
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

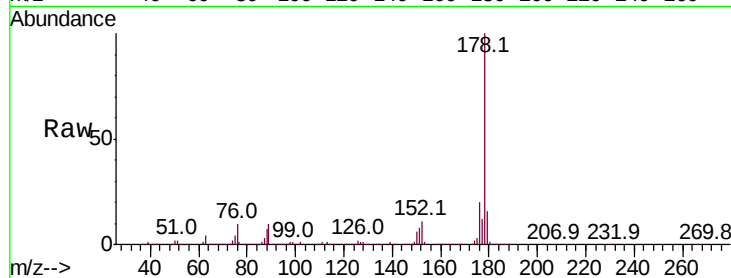




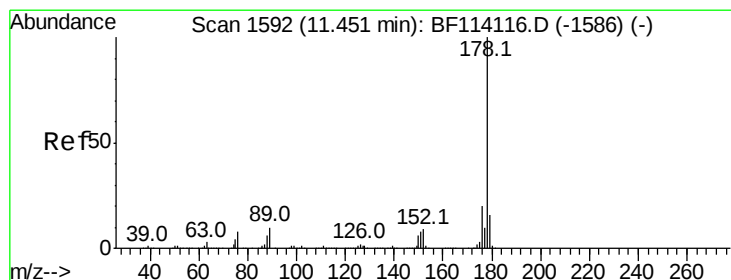
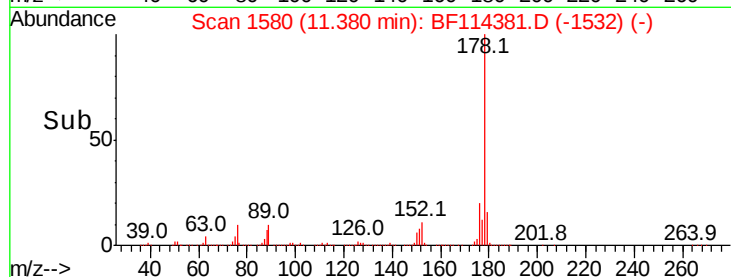
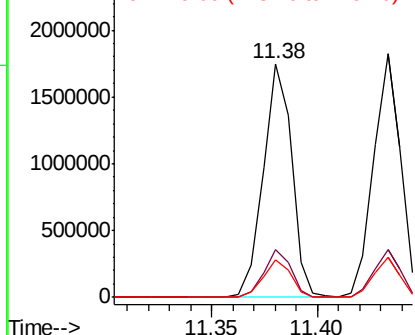
#71
Phenanthrene
Concen: 43.620 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1644850
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.1 13.2 19.8

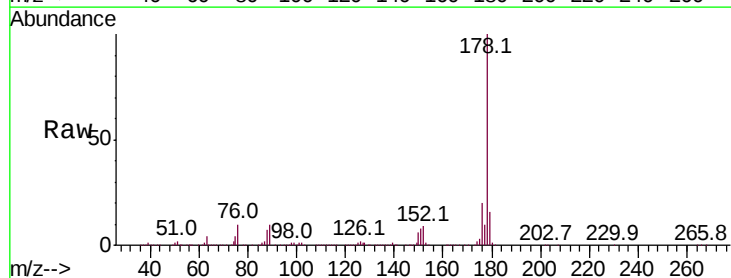


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

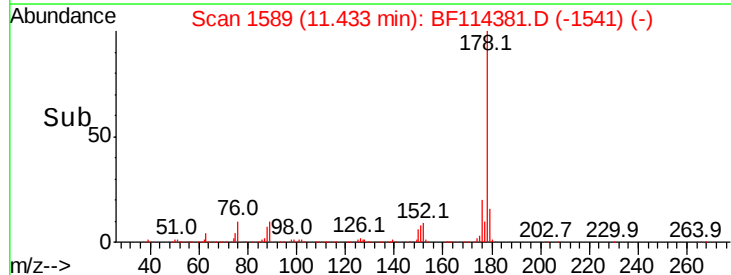
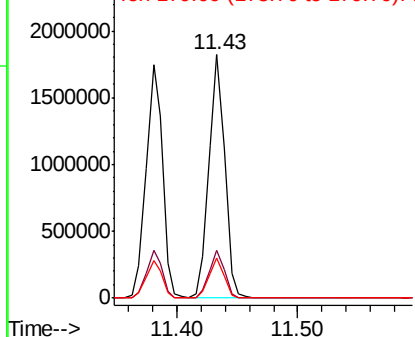


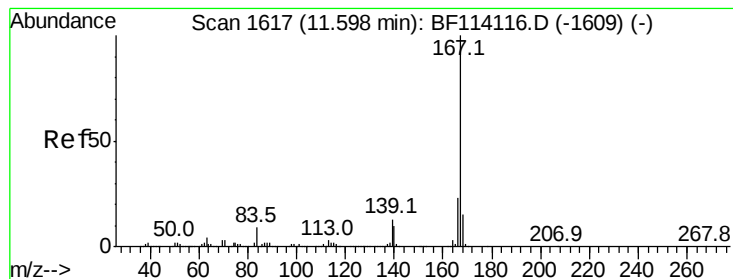
#72
Anthracene
Concen: 43.528 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:178 Resp: 1648642
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.3 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: 43.684 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

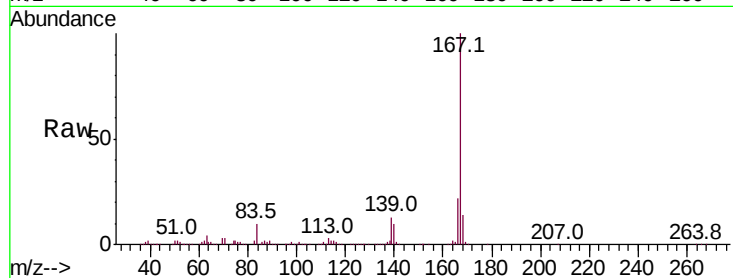
Tot Ion:167 Resp: 1577734

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

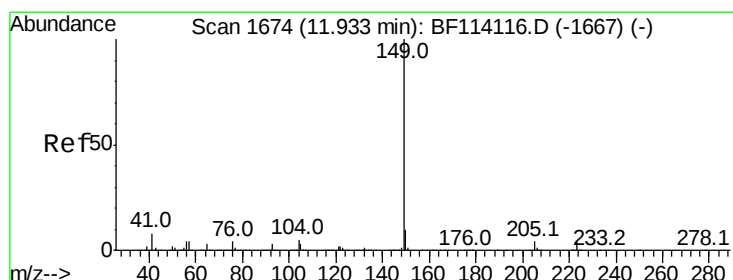
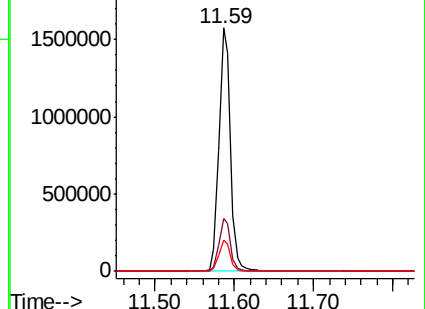
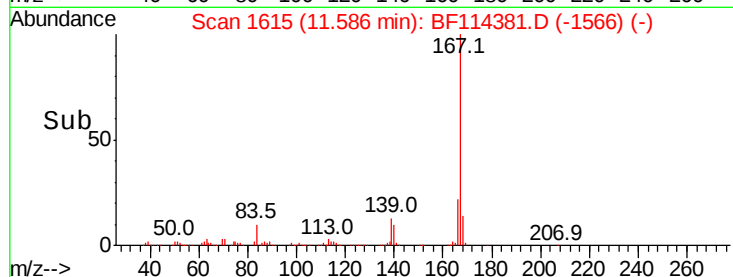
139 13.0 10.6 16.0



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: 46.421 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

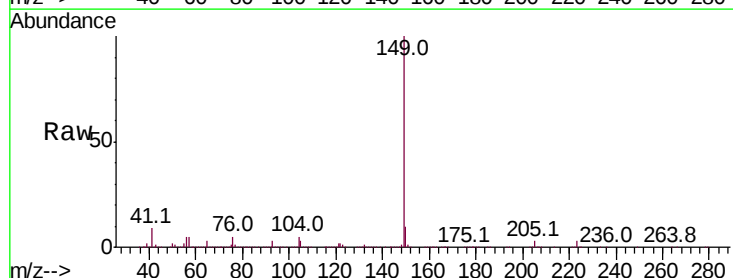
Tgt Ion:149 Resp: 1931590

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

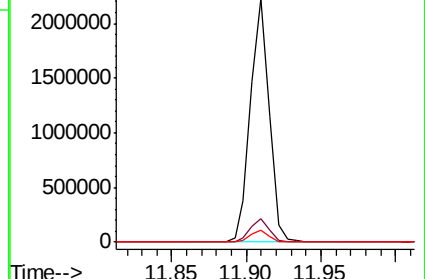
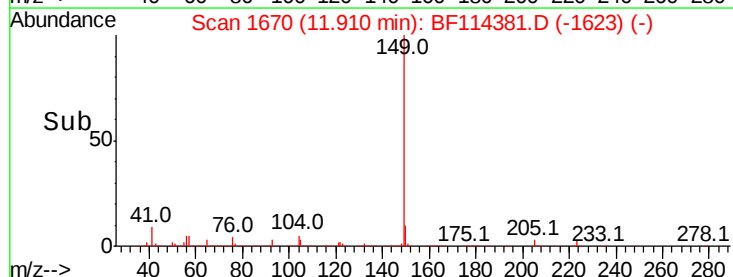
104 4.7 3.6 5.4

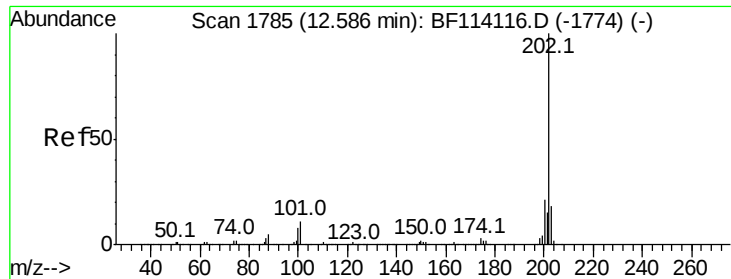


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.039 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

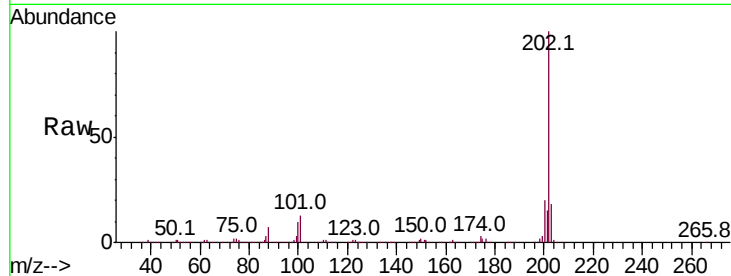
Tot Ion:202 Resp: 1747702

Ion Ratio Lower Upper

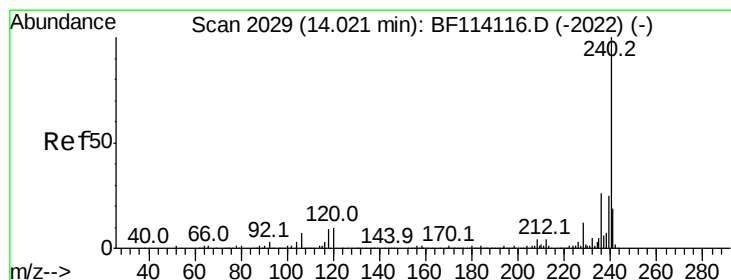
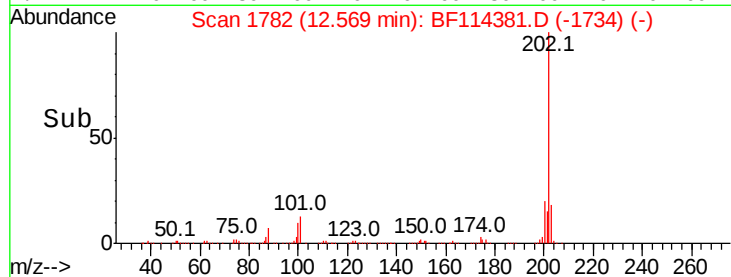
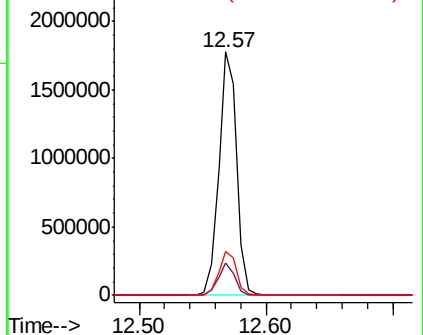
202 100

101 13.2 0.0 31.0

203 18.3 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

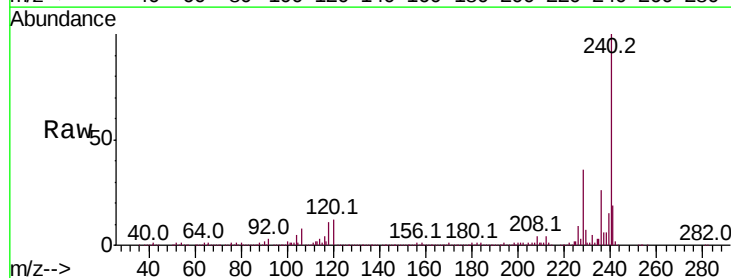
Tgt Ion:240 Resp: 545810

Ion Ratio Lower Upper

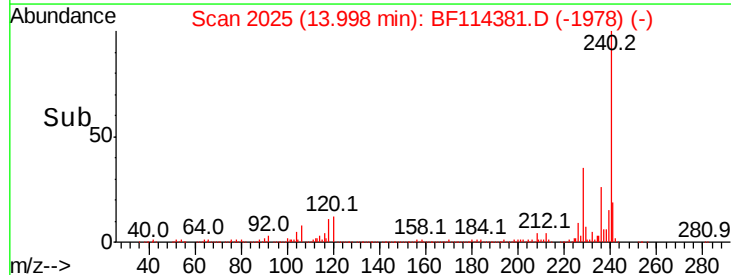
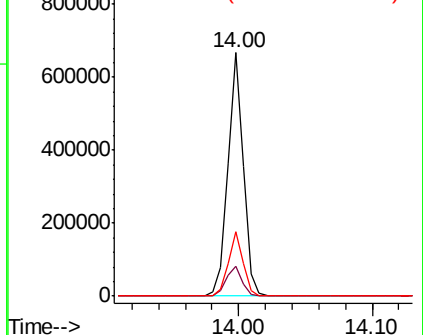
240 100

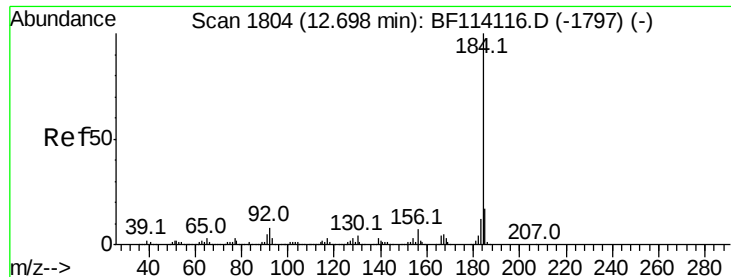
120 12.5 8.3 12.5

236 26.2 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: 3.693 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

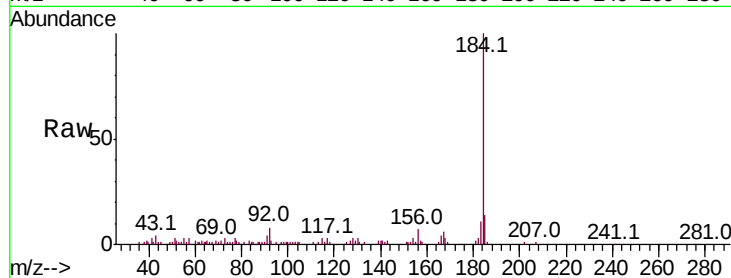
Tot Ion:184 Resp: 90477

Ion Ratio Lower Upper

184 100

185 13.7 13.6 20.4

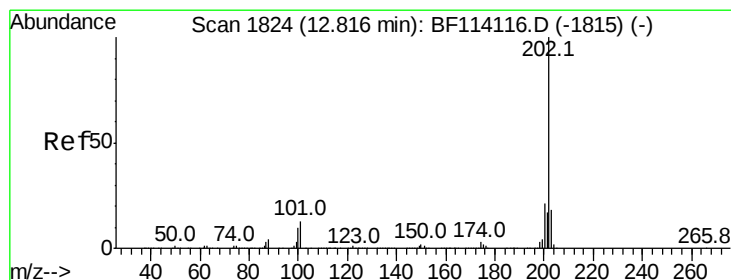
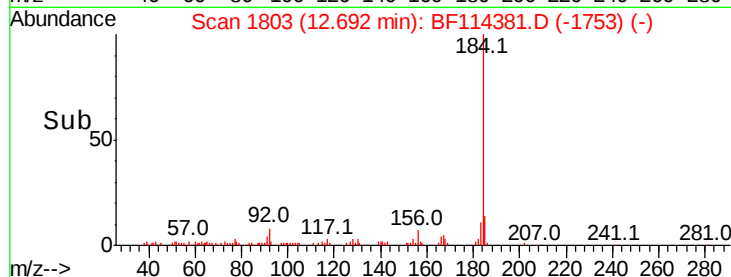
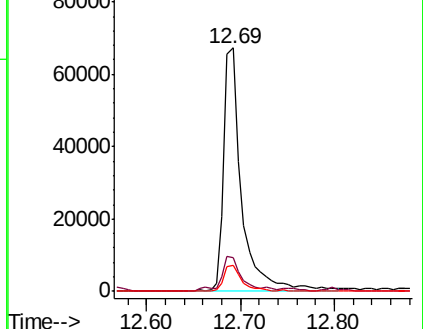
183 10.8 9.2 13.8



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: 39.926 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

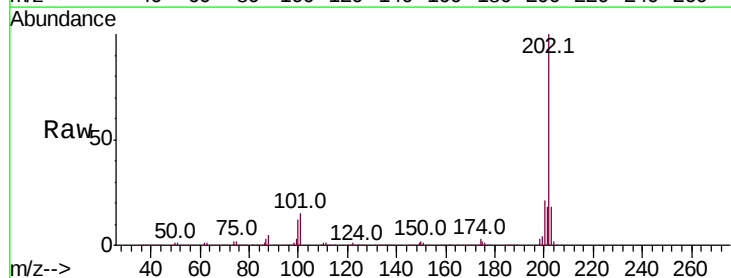
Tgt Ion:202 Resp: 1753069

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

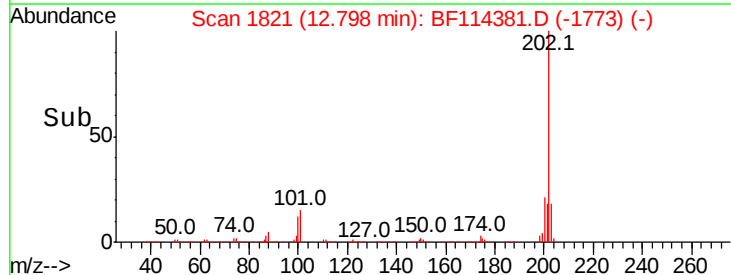
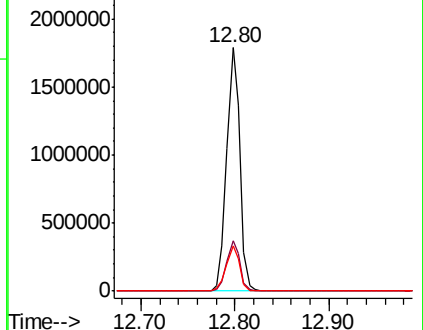
203 18.5 14.5 21.7

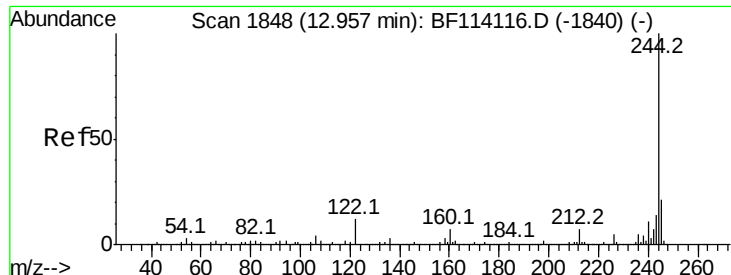


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.176 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

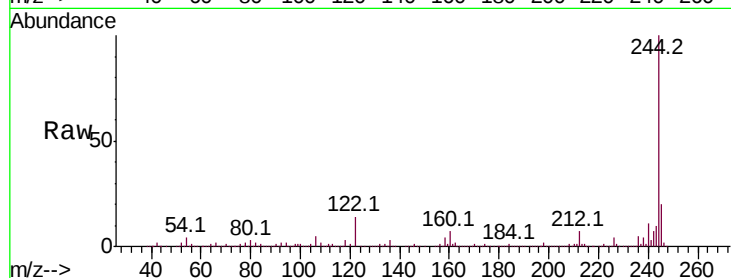
Tot Ion:244 Resp: 1990454

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

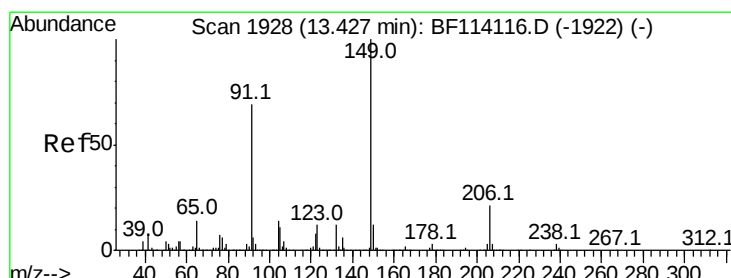
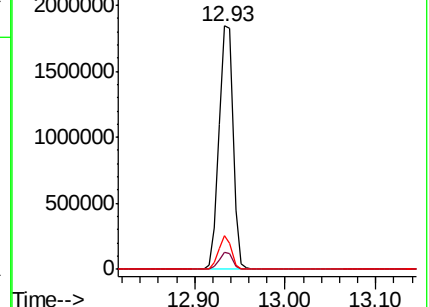
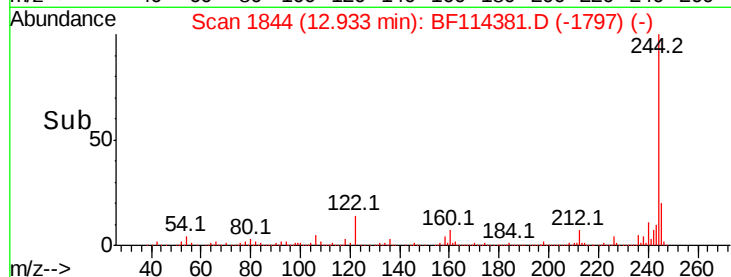
122 13.7 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.250 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

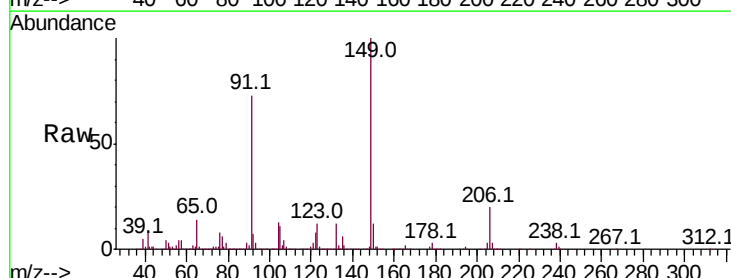
Tgt Ion:149 Resp: 799315

Ion Ratio Lower Upper

149 100

91 73.3 55.0 82.4

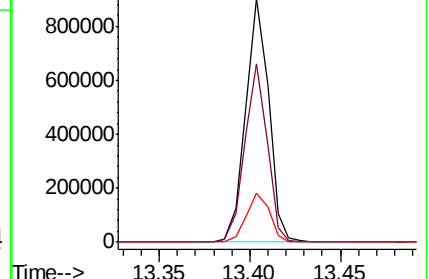
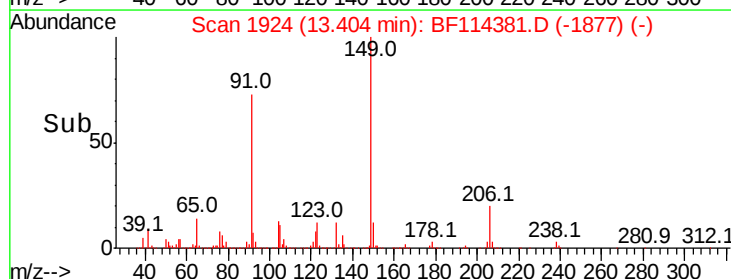
206 20.4 16.9 25.3

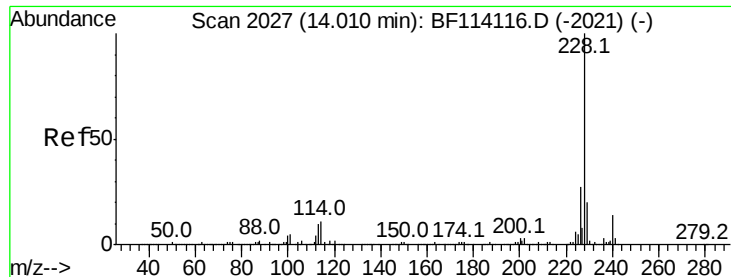


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.551 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

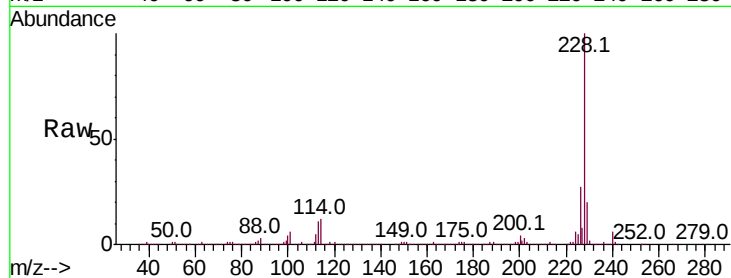
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1360957

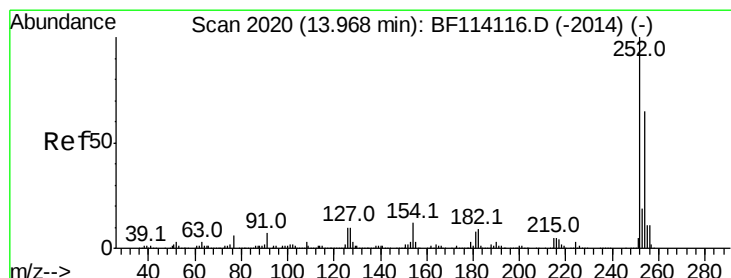
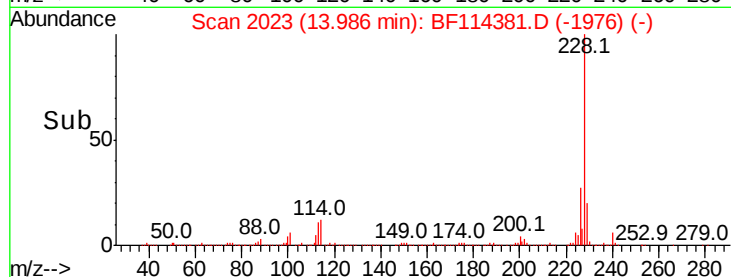
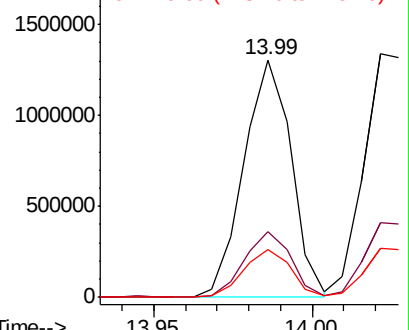
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.2	16.4	24.6



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: 26.256 ng

RT: 13.94 min Scan# 2016

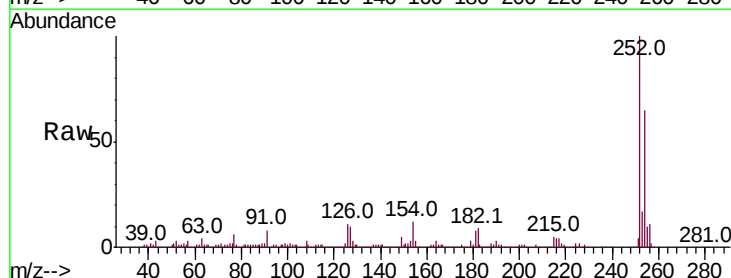
Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Tgt Ion:252 Resp: 359578

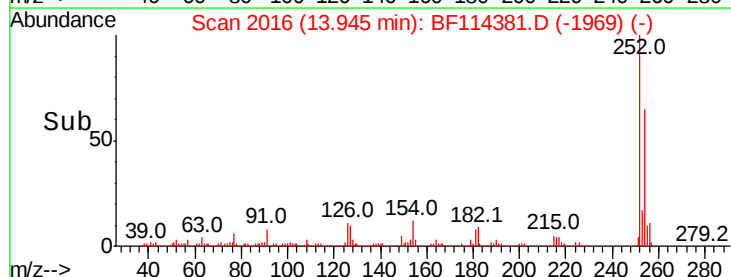
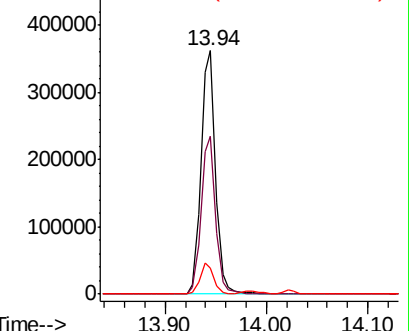
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.6	7.9	11.9

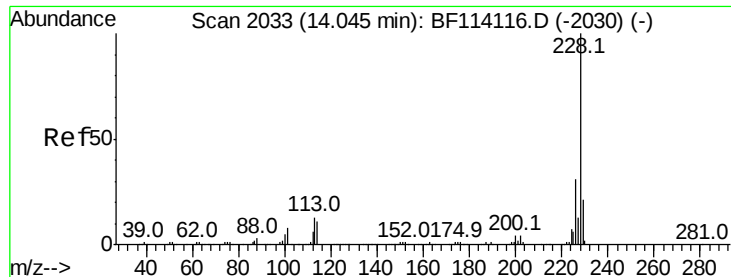


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.799 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

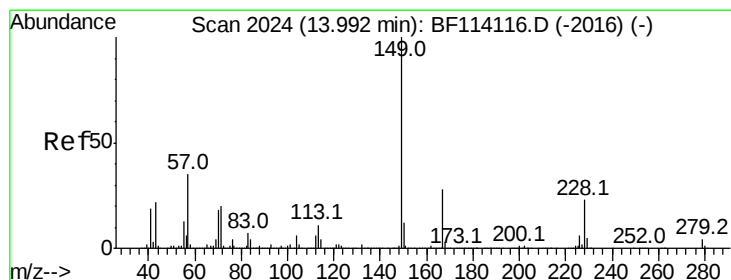
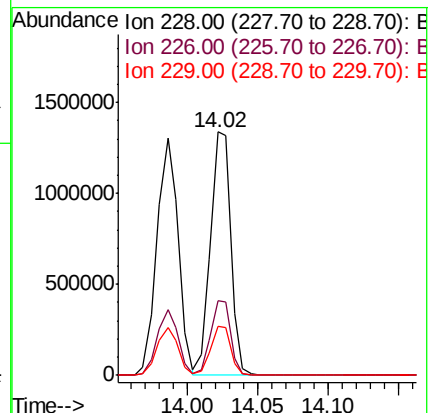
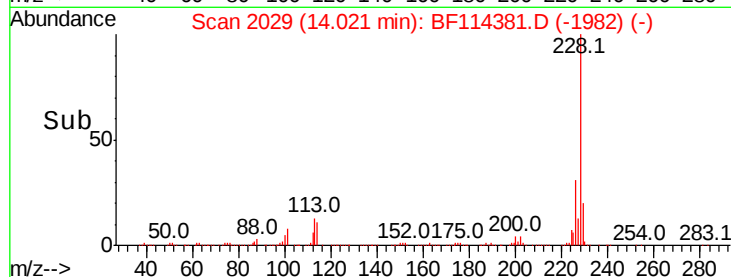
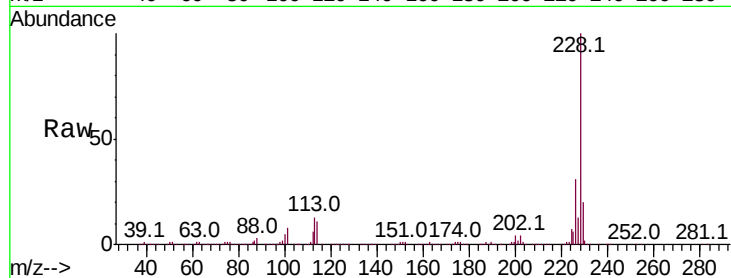
Tot Ion:228 Resp: 1342703

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 20.4 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.566 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

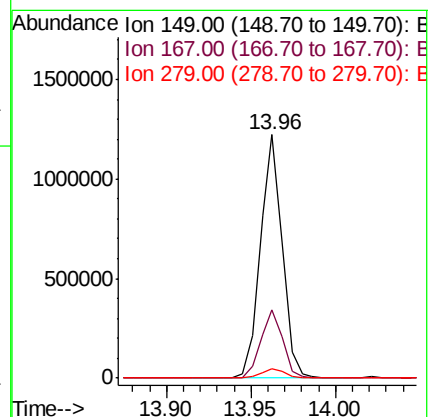
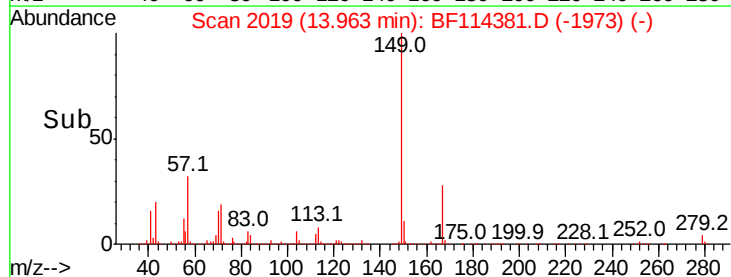
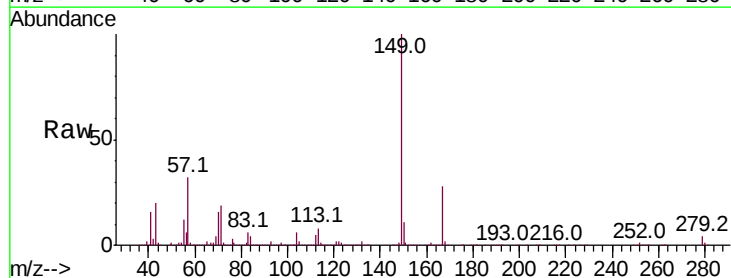
Tgt Ion:149 Resp: 1101366

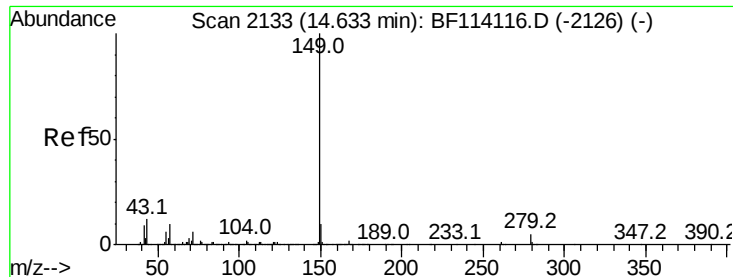
Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.044 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.06 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

Instrument :

BNA_F

ClientSampleId :

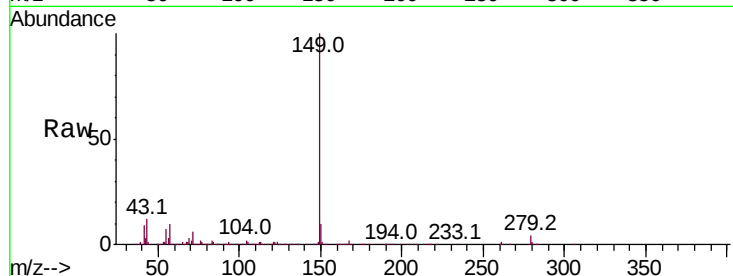
Tot Ion:149 Resp: 1686586

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

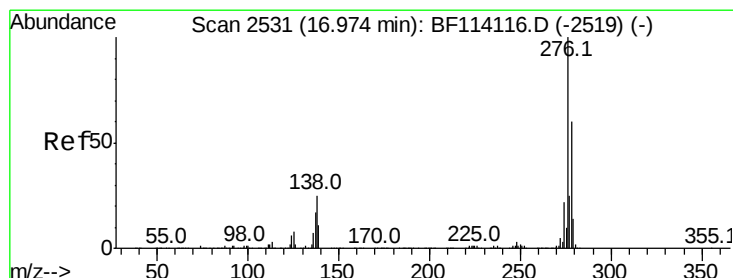
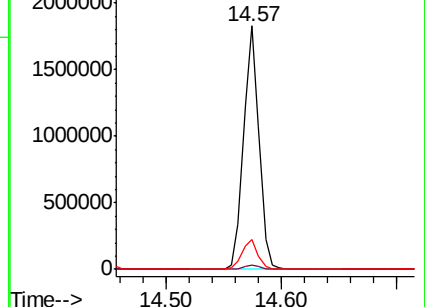
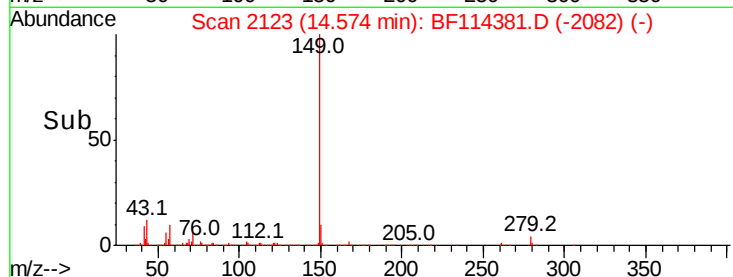
43 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.397 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF114381.D

Acq: 18 May 2019 10:51

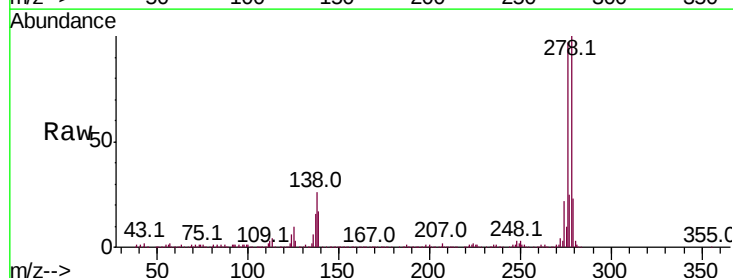
Tgt Ion:276 Resp: 1174359

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

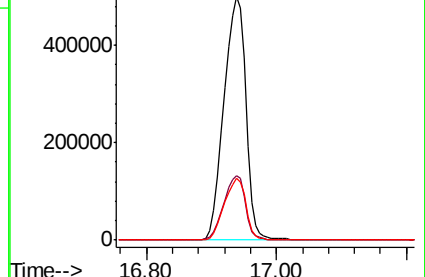
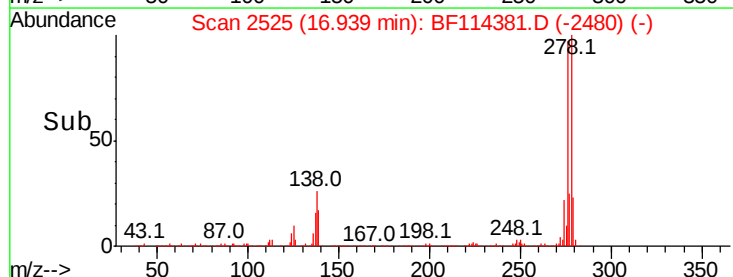
277 25.0 20.0 30.0

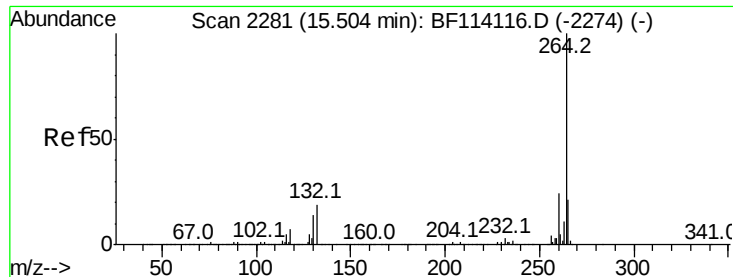


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



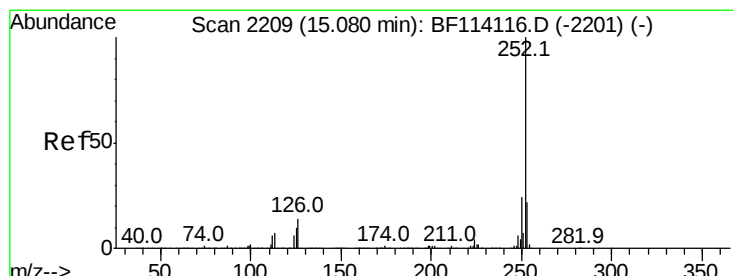
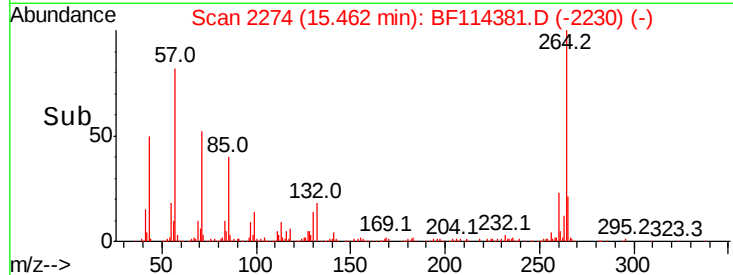
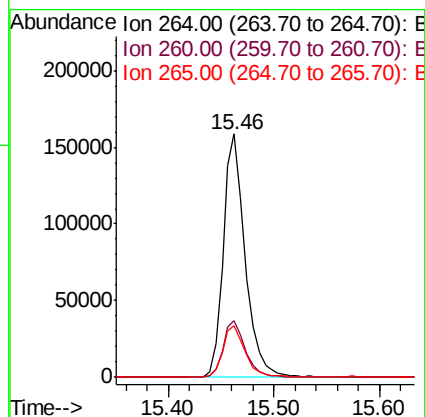
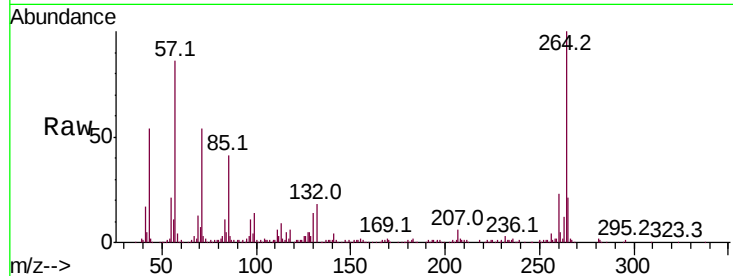


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 228267

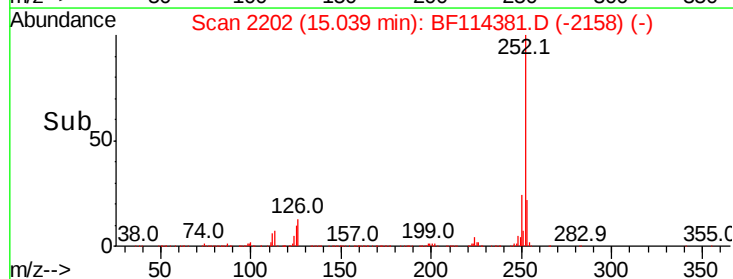
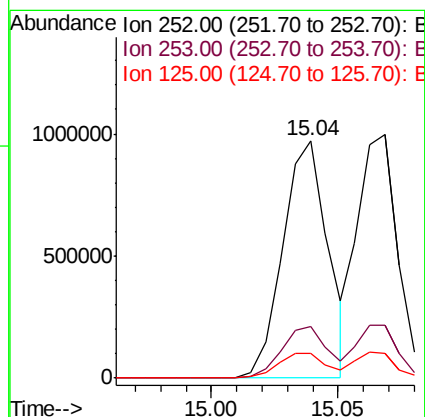
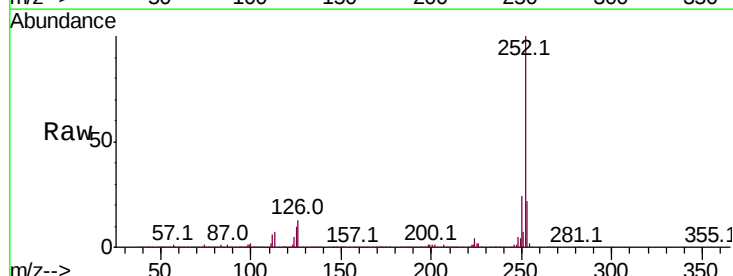
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.2	16.9	25.3

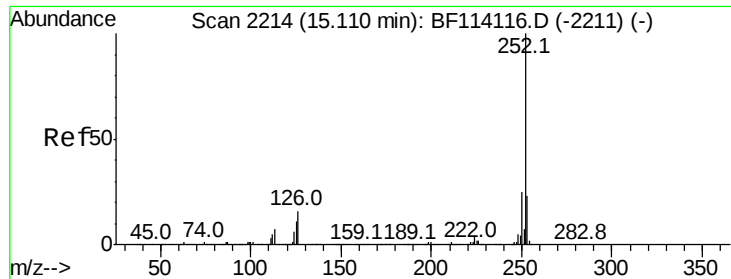


#88
Benzo(b)fluoranthene
Concen: 82.137 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:252 Resp: 1201186

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.5	8.3	12.5

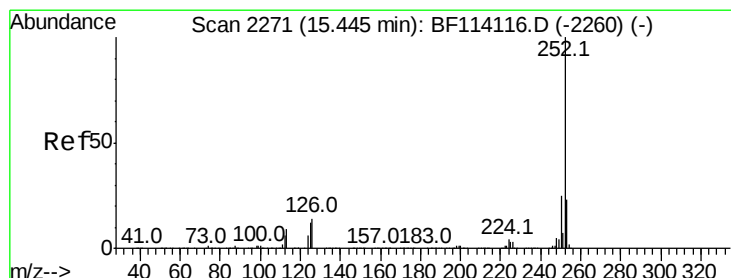
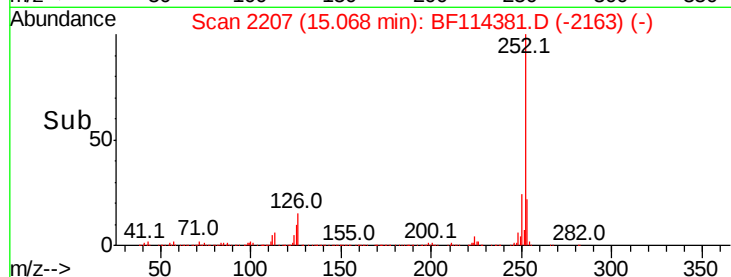
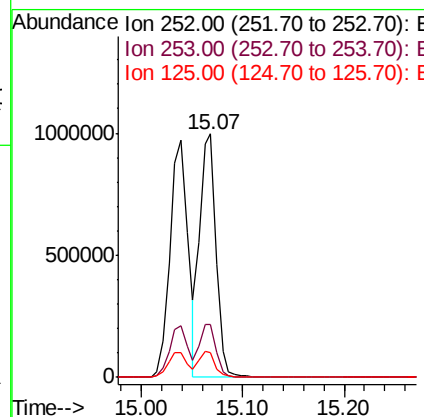
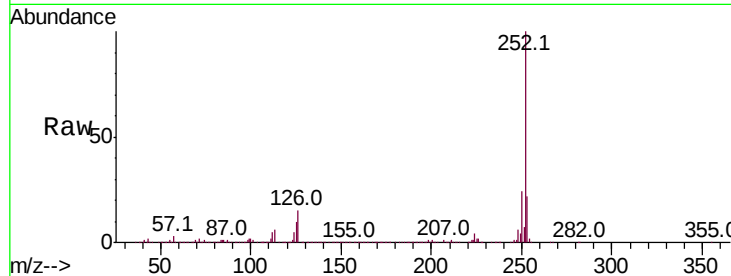




#89
Benzo(k)fluoranthene
Concen: 82.313 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

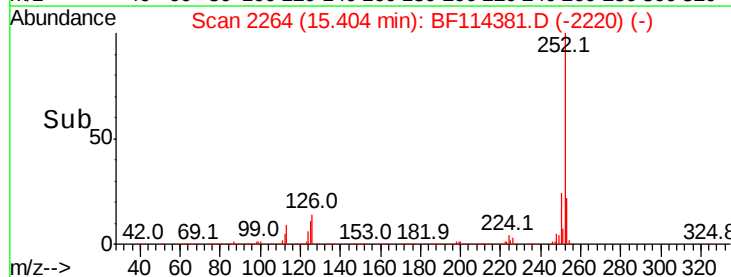
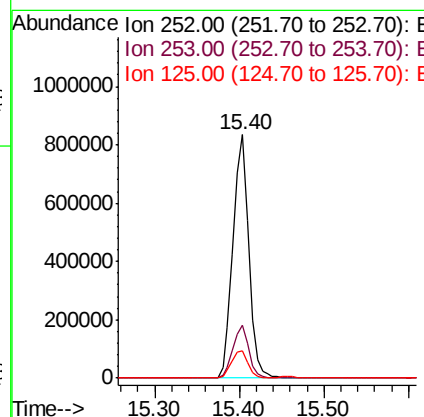
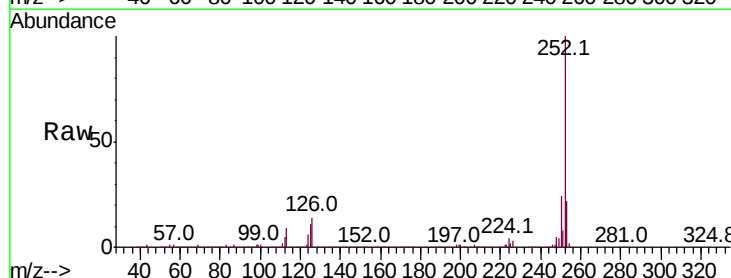
Instrument :
BNA_F
ClientSampleId :

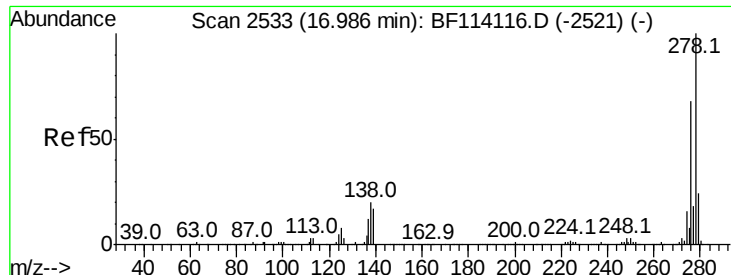
Tot Ion:252 Resp: 1105769
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 83.640 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:252 Resp: 1076482
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.4 9.5 14.3

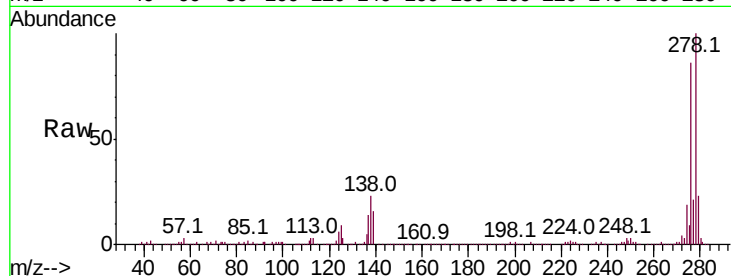




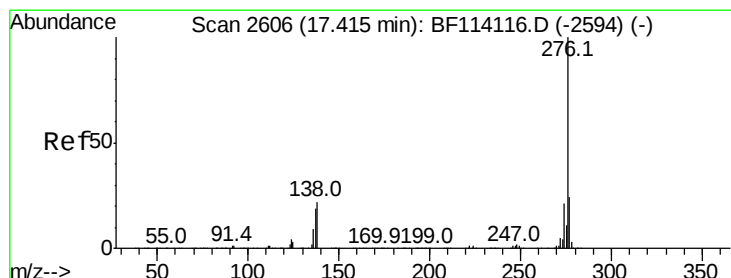
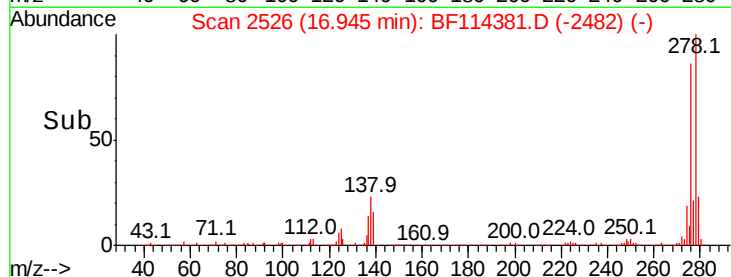
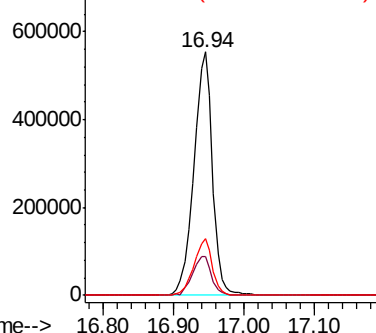
#91
Dibenzo(a,h)anthracene
Concen: 94.678 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.04 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1012559
Ion Ratio Lower Upper
278 100
139 15.8 13.5 20.3
279 23.2 19.0 28.6

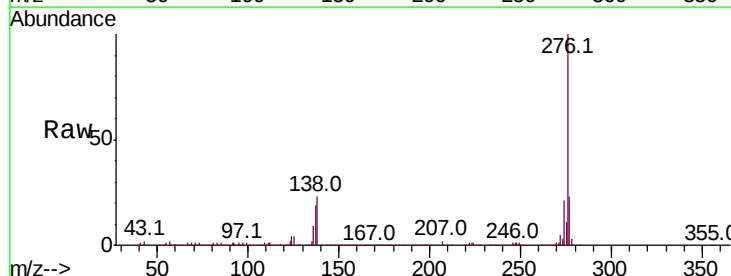


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 98.774 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF114381.D
Acq: 18 May 2019 10:51

Tgt Ion:276 Resp: 1058631
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 22.6 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

