

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112664.D
 Acq On : 22 Feb 2019 15:14
 Operator : JU/SJ
 Sample : PB117293BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Quant Time: Feb 22 22:12:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91756	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	360201	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	175902	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	338770	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	254982	20.00	ng	-0.03
87) Perylene-d12	15.44	264	167535	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	749711	173.55	ng	-0.02
7) Phenol-d6	6.47	99	924871	154.08	ng	-0.02
23) Nitrobenzene-d5	7.39	82	507396	81.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	299610	146.33	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1029131	82.75	ng	-0.04
79) Terphenyl-d14	12.92	244	1196981	88.42	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	77865	45.248	ng	93
3) Pyridine	3.44	79	195387	44.635	ng	99
4) n-Nitrosodimethylamine	3.39	42	105623	57.432	ng	# 89
6) Aniline	6.49	93	229946	32.203	ng	# 35
8) 2-Chlorophenol	6.61	128	252672	43.479	ng	96
9) Benzaldehyde	6.37	77	77323	24.645	ng	95
10) Phenol	6.49	94	288668	43.834	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	222119	42.841	ng	99
12) 1,3-Dichlorobenzene	6.76	146	271706	40.147	ng	98
13) 1,4-Dichlorobenzene	6.83	146	281409	40.402	ng	98
14) 1,2-Dichlorobenzene	6.99	146	263884	40.465	ng	96
15) Benzyl Alcohol	6.97	79	211646	41.827	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	259878	39.038	ng	# 4
17) 2-Methylphenol	7.09	107	195245	42.383	ng	# 85
18) Hexachloroethane	7.32	117	102713	41.994	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	171049	41.326	ng	98
20) 3+4-Methylphenols	7.25	107	259709	44.086	ng	# 64
22) Acetophenone	7.23	105	352356	40.173	ng	# 92
24) Nitrobenzene	7.40	77	258412	41.390	ng	99
25) Isophorone	7.64	82	451725	46.061	ng	98
26) 2-Nitrophenol	7.72	139	138219	41.426	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	215930	46.973	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	279911	41.917	ng	99
29) 2,4-Dichlorophenol	7.97	162	213453	41.493	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	232083	39.248	ng	98
31) Naphthalene	8.12	128	743526	44.140	ng	98
32) Benzoic acid	7.93	122	124098	47.327	ng	95
33) 4-Chloroaniline	8.18	127	158960	21.673	ng	98
34) Hexachlorobutadiene	8.23	225	134783	38.843	ng	97
35) Caprolactam	8.56	113	30182	16.631	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	224788	41.277	ng	94
37) 2-Methylnaphthalene	8.81	142	519104	45.016	ng	96
38) 1-Methylnaphthalene	8.91	142	484688	43.852	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	232769	40.303	ng	98

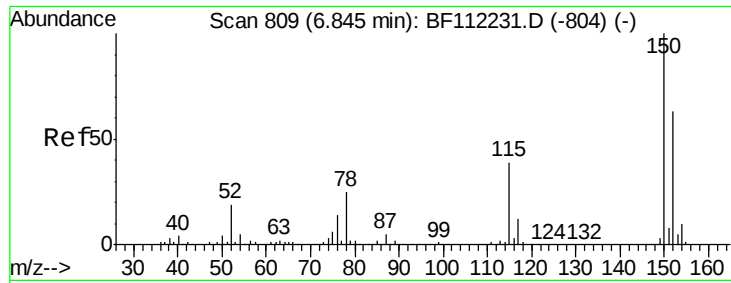
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	98313	49.083	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	143966	40.439	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	144174	38.749	ng	95
46) 1,1'-Biphenyl	9.27	154	628509	40.871	ng	98
47) 2-Chloronaphthalene	9.30	162	480057	40.256	ng	95
48) 2-Nitroaniline	9.41	65	135016	41.539	ng	95
49) Acenaphthylene	9.72	152	757508	43.339	ng	98
50) Dimethylphthalate	9.57	163	550711	40.296	ng	98
51) 2,6-Dinitrotoluene	9.65	165	126193	41.229	ng #	67
52) Acenaphthene	9.89	154	440841	42.221	ng	98
53) 3-Nitroaniline	9.82	138	92739	27.967	ng	89
54) 2,4-Dinitrophenol	9.95	184	79641	81.076	ng	94
55) Dibenzofuran	10.06	168	653409	40.951	ng #	90
56) 4-Nitrophenol	10.02	139	98223	56.027	ng	85
57) 2,4-Dinitrotoluene	10.06	165	165524	42.479	ng #	71
58) Fluorene	10.40	166	540561	45.272	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	113057	40.208	ng #	90
60) Diethylphthalate	10.27	149	574723	42.375	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	256756	39.530	ng #	88
62) 4-Nitroaniline	10.44	138	120341	36.999	ng	90
63) Azobenzene	10.55	77	506864	42.493	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	68814	36.230	ng	90
66) n-Nitrosodiphenylamine	10.51	169	467043	40.906	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	155532	39.035	ng	93
68) Hexachlorobenzene	10.96	284	169092	39.555	ng	92
69) Atrazine	11.04	200	149506	40.582	ng	97
70) Pentachlorophenol	11.16	266	89617	53.877	ng	97
71) Phenanthrene	11.36	178	773811	43.936	ng	99
72) Anthracene	11.42	178	792930	45.197	ng	99
73) Carbazole	11.57	167	695279	40.176	ng	98
74) Di-n-butylphthalate	11.89	149	885181	41.209	ng	98
75) Fluoranthene	12.56	202	785536	41.585	ng	97
77) Benzidine	12.67	184	240889	34.325	ng #	94
78) Pyrene	12.79	202	794734	45.018	ng	99
80) Butylbenzylphthalate	13.37	149	359882	42.135	ng	87
81) Benzo(a)anthracene	13.97	228	644761	43.015	ng	97
82) 3,3'-Dichlorobenzidine	13.92	252	150407	26.812	ng	99
83) Chrysene	14.01	228	594902	41.578	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	476290	39.285	ng #	94
85) Di-n-octyl phthalate	14.54	149	735067	39.407	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	422674	37.282	ng	95
88) Benzo(b)fluoranthene	15.02	252	506086	50.511	ng	97
89) Benzo(k)fluoranthene	15.05	252	476888	49.691	ng	97
90) Benzo(a)pyrene	15.39	252	442610	49.095	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	353531	48.656	ng	98
92) Benzo(g,h,i)perylene	17.38	276	345045	50.335	ng	94

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

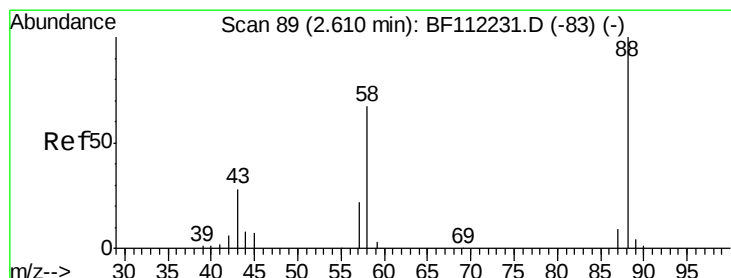
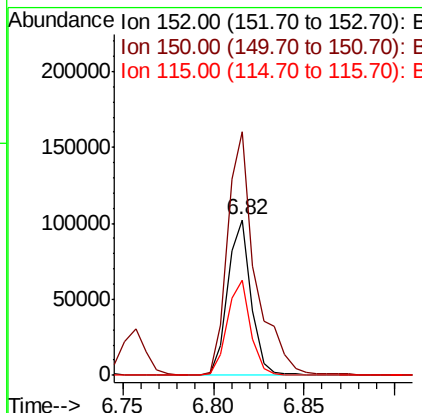
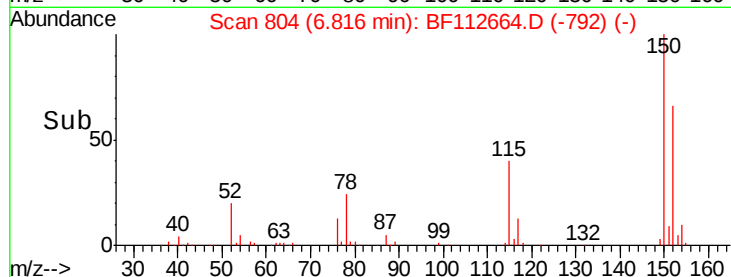
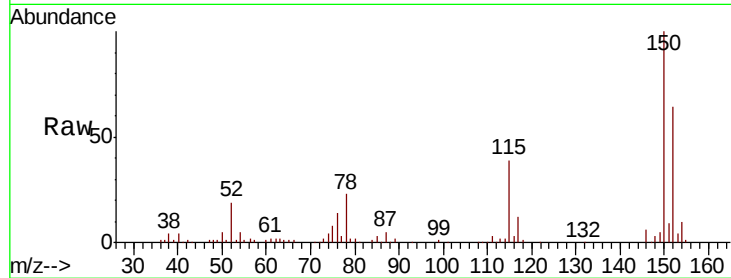


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

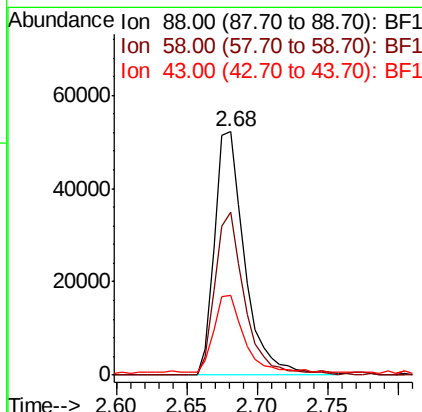
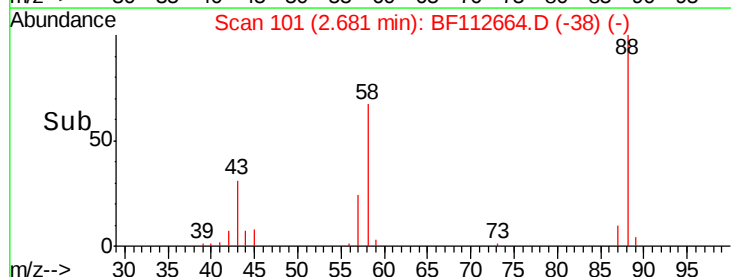
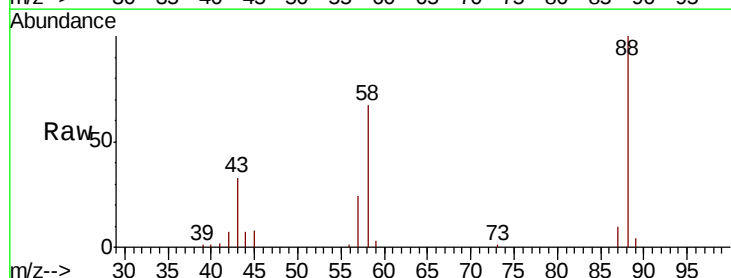
Tgt Ion:152 Resp: 91756
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 61.1 45.5 68.3

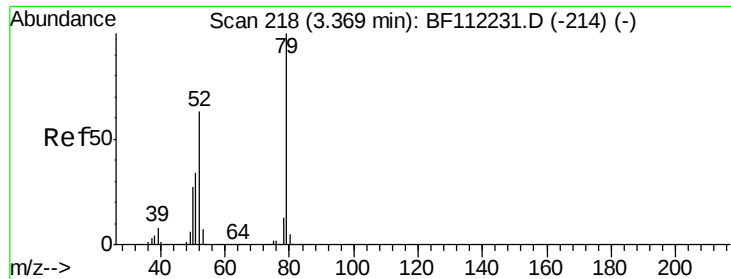


#2

1,4-Dioxane
Concen: 45.248 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.07 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion: 88 Resp: 77865
Ion Ratio Lower Upper
88 100
58 66.0 57.4 86.2
43 32.5 22.2 33.4

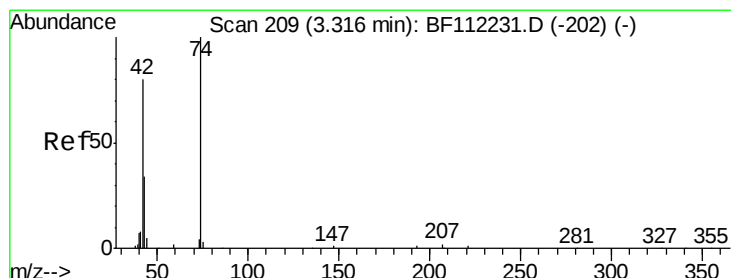
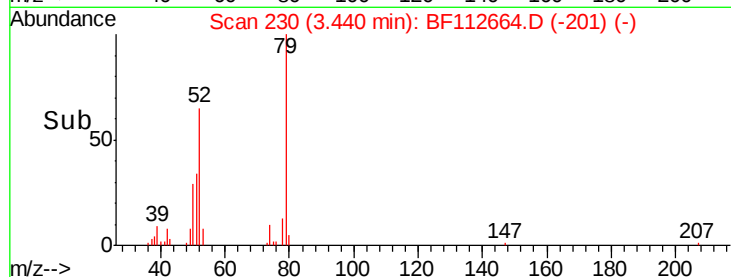
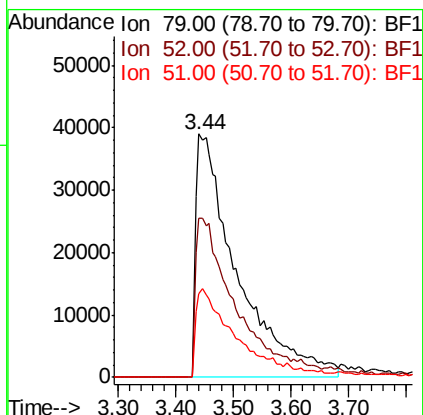
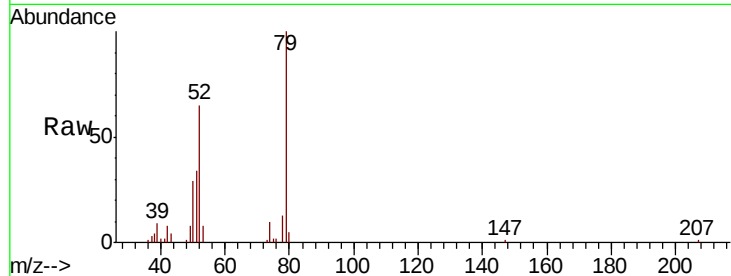




#3
 Pyridine
 Concen: 44.635 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.07 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

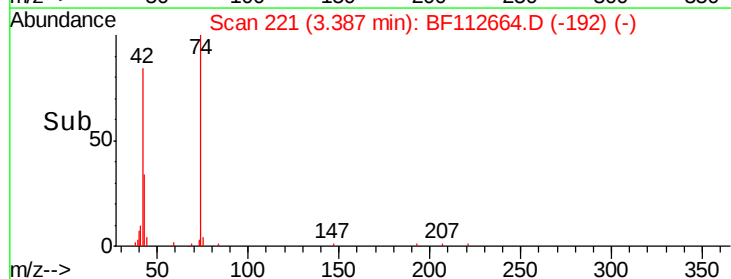
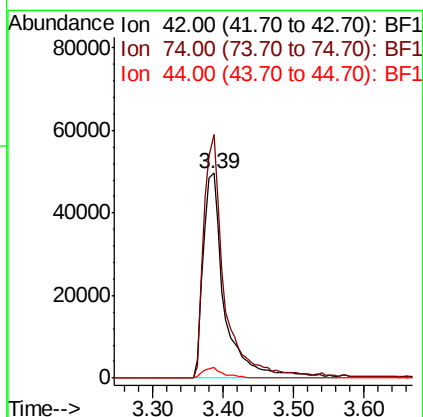
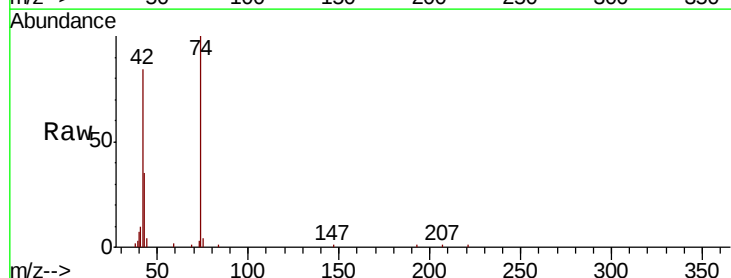
Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

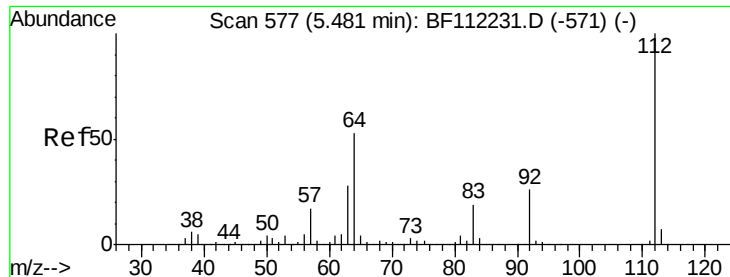
Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.4	78.6
51	34.5	26.1	39.1



#4
 n-Nitrosodimethylamine
 Concen: 57.432 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.07 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.8	105.6	158.4
44	4.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 173.551 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

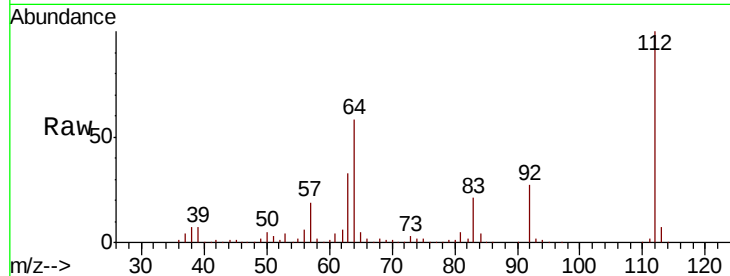
Tgt Ion: 112 Resp: 749711

Ion Ratio Lower Upper

112 100

64 57.9 45.7 68.5

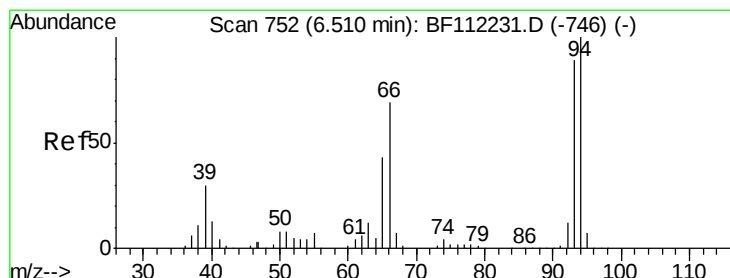
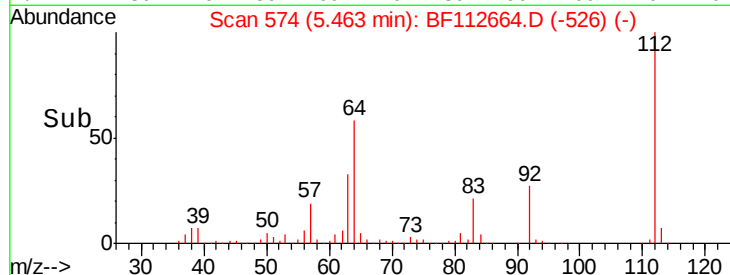
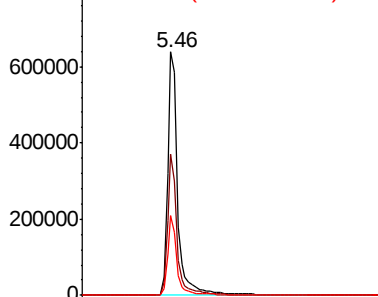
63 32.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.203 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

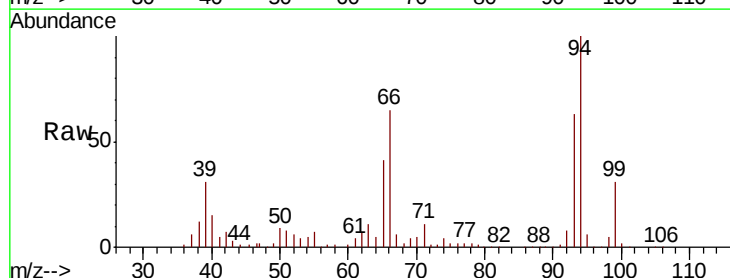
Tgt Ion: 93 Resp: 229946

Ion Ratio Lower Upper

93 100

66 102.8 43.4 65.2#

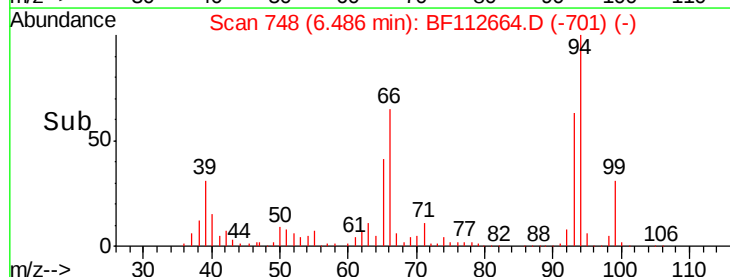
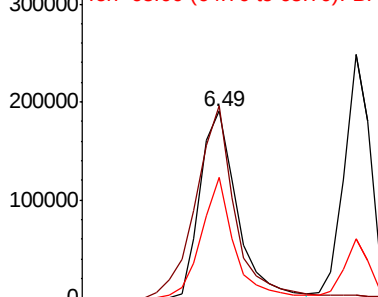
65 64.7 25.3 37.9#

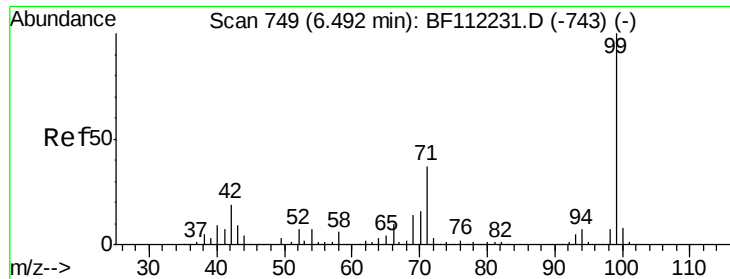


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.078 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

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ClientSampleId :

PB117293BS

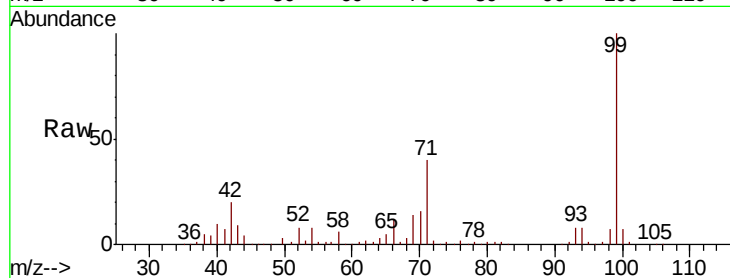
Tgt Ion: 99 Resp: 924871

Ion Ratio Lower Upper

99 100

42 20.2 15.1 22.7

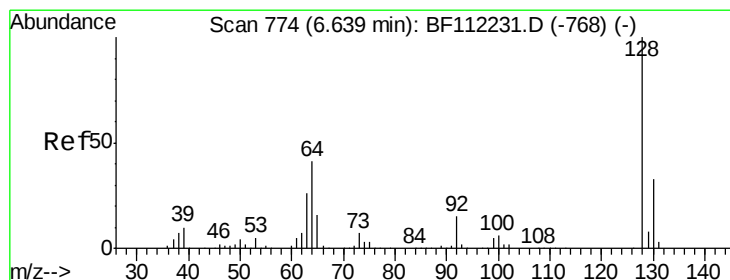
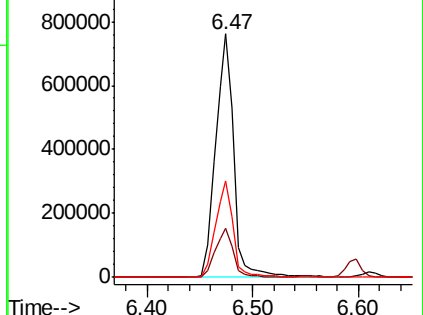
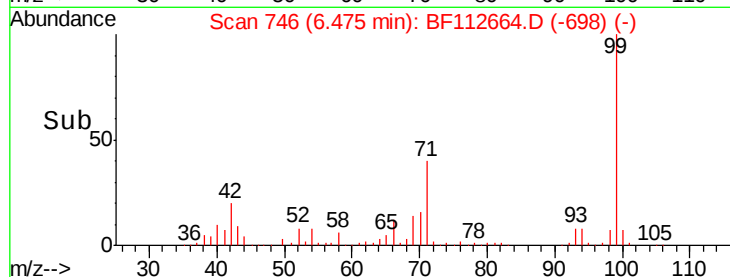
71 39.8 26.9 40.3



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: 43.479 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

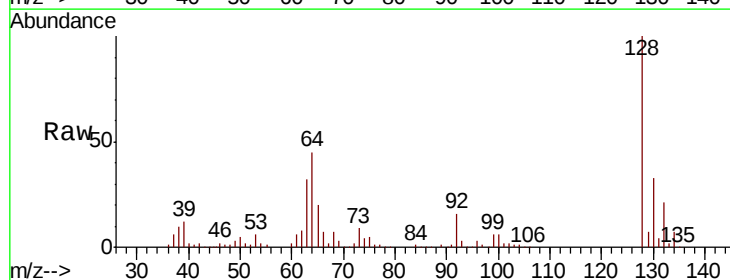
Tgt Ion: 128 Resp: 252672

Ion Ratio Lower Upper

128 100

130 33.0 13.4 53.4

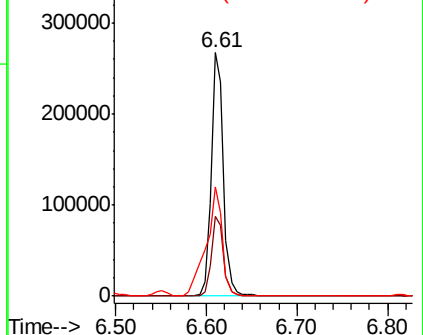
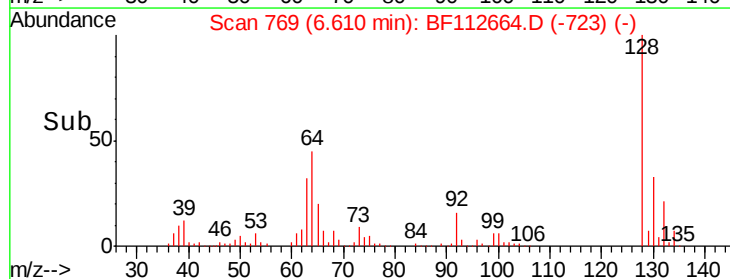
64 45.0 20.5 60.5

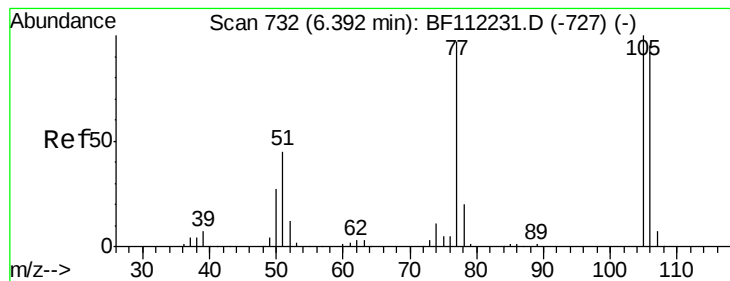


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.645 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

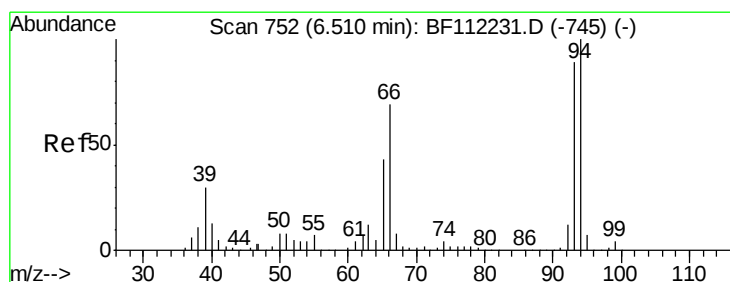
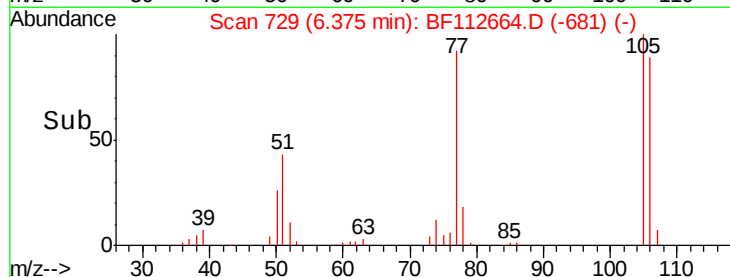
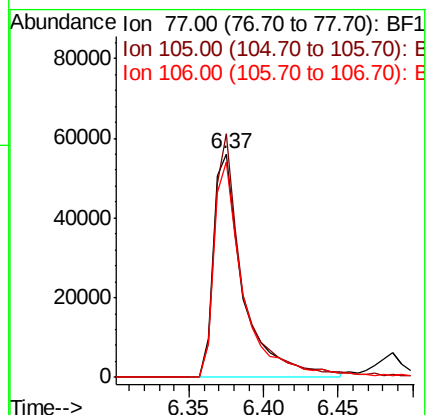
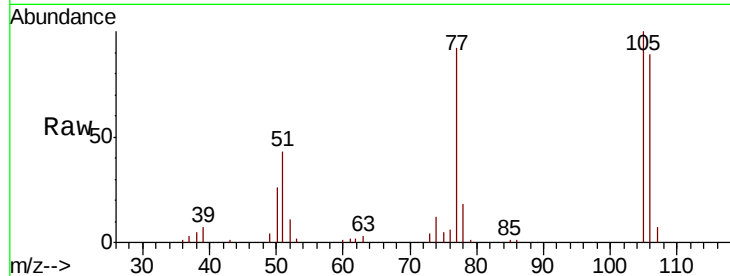
Tgt Ion: 77 Resp: 77323

Ion Ratio Lower Upper

77 100

105 109.1 80.8 120.8

106 96.6 75.7 115.7



#10

Phenol

Concen: 43.834 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

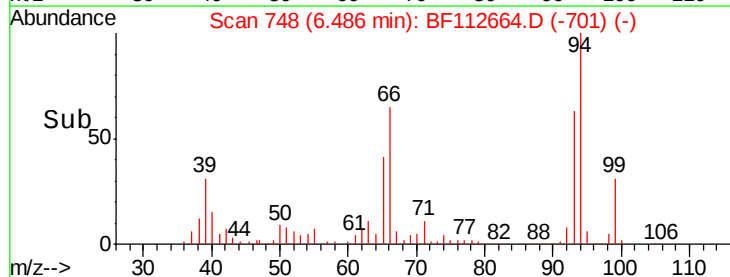
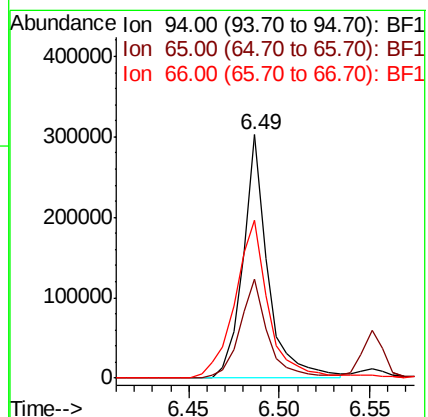
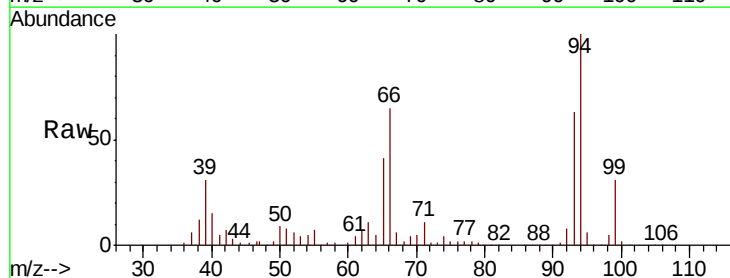
Tgt Ion: 94 Resp: 288668

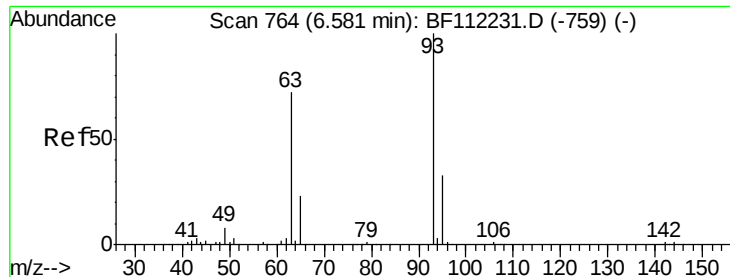
Ion Ratio Lower Upper

94 100

65 40.7 20.3 60.3

66 64.7 42.4 82.4

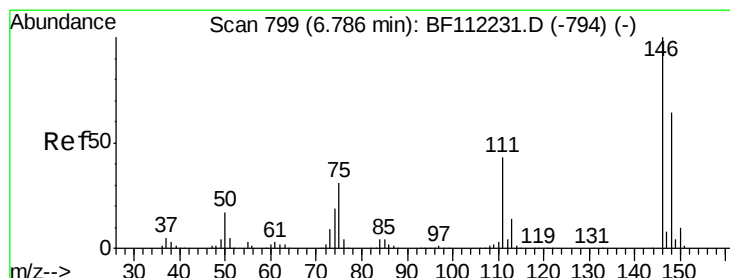
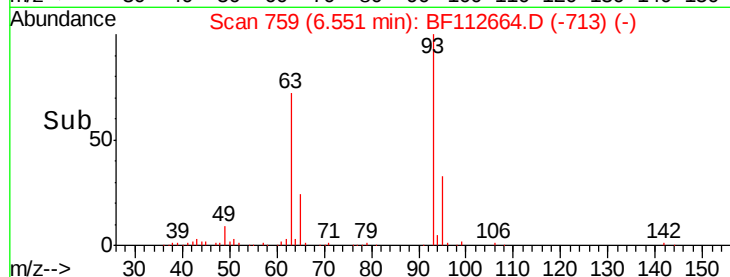
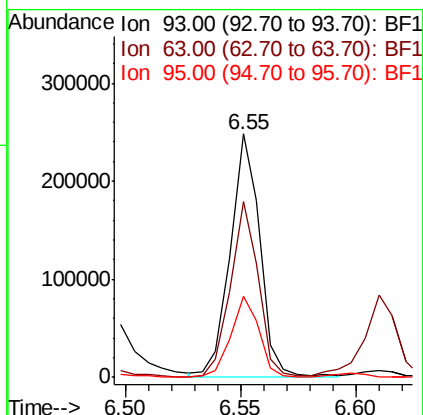
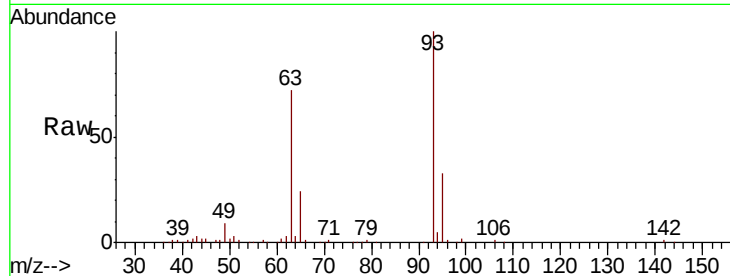




#11
bis(2-Chloroethyl)ether
Concen: 42.841 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

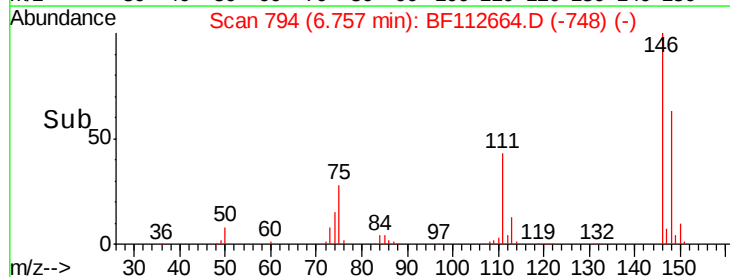
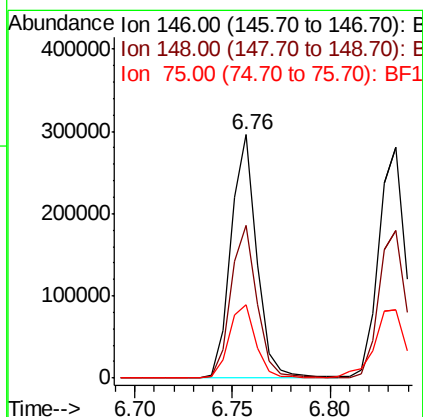
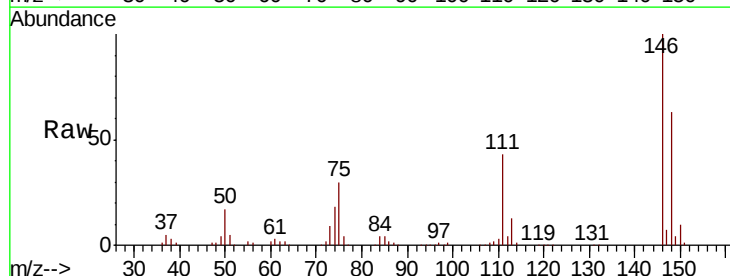
Instrument :
BNA_F
ClientSampleId :
PB117293BS

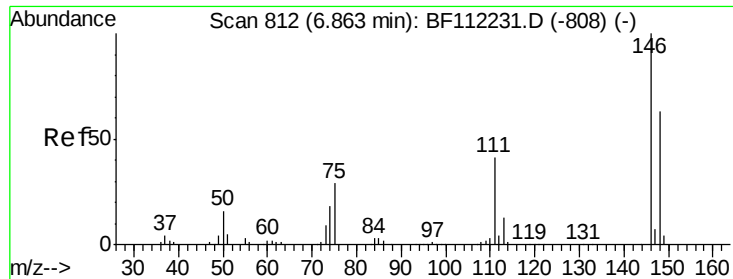
Tgt Ion: 93 Resp: 222119
Ion Ratio Lower Upper
93 100
63 72.4 53.3 93.3
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.147 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion: 146 Resp: 271706
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
75 29.9 23.1 34.7

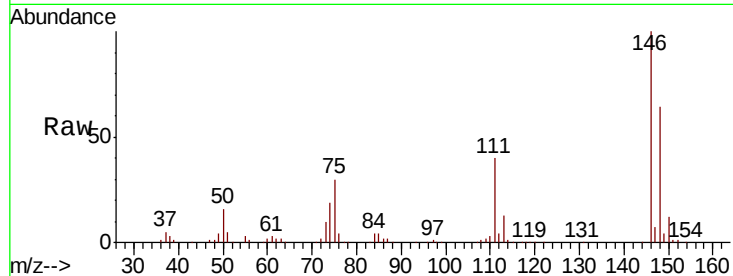




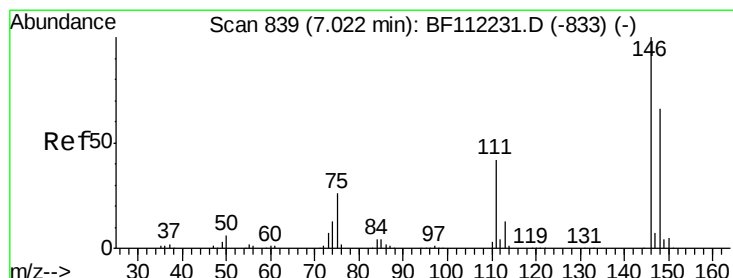
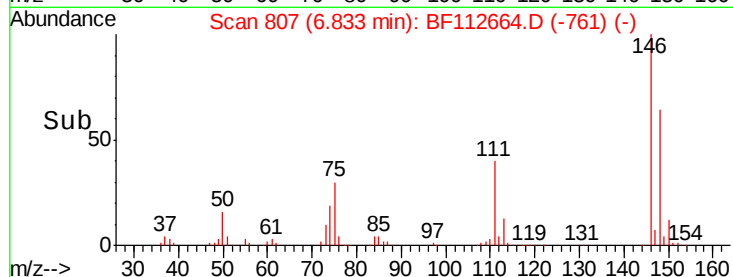
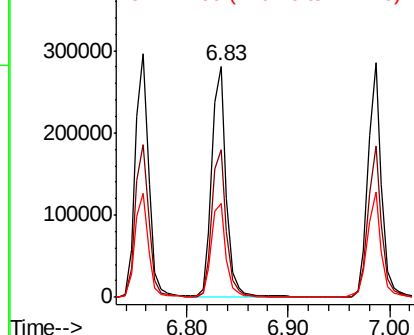
#13
 1,4-Dichlorobenzene
 Concen: 40.402 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion:146 Resp: 281409
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 40.4 31.2 46.8

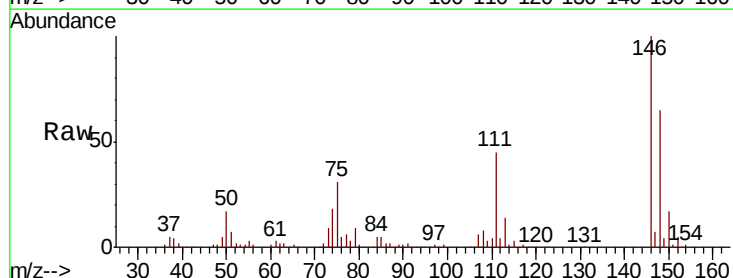


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

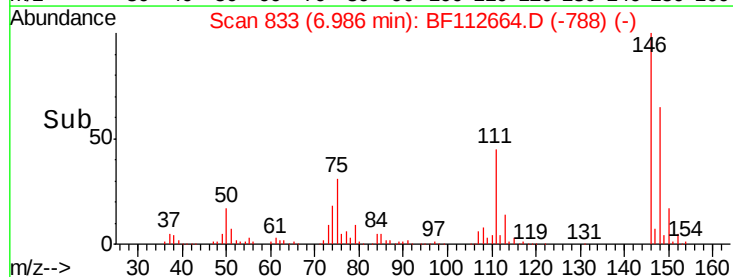
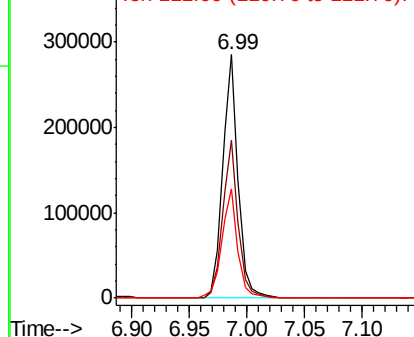


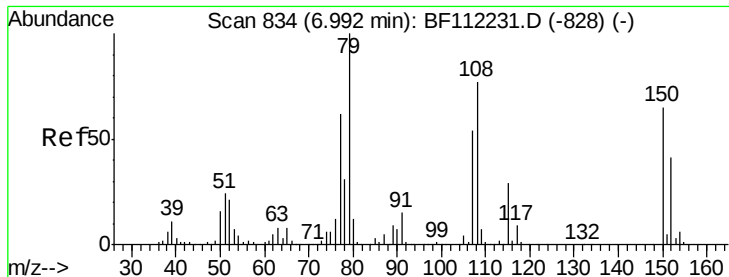
#14
 1,2-Dichlorobenzene
 Concen: 40.465 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:146 Resp: 263884
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.4
 111 44.9 31.2 46.8



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: 41.827 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

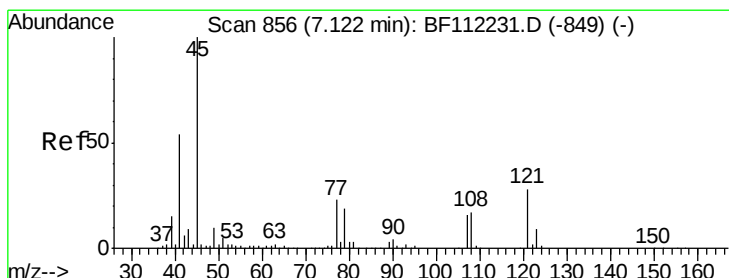
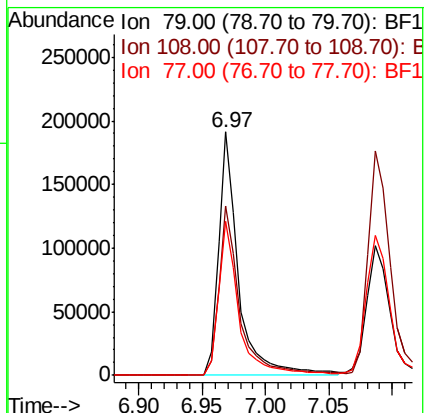
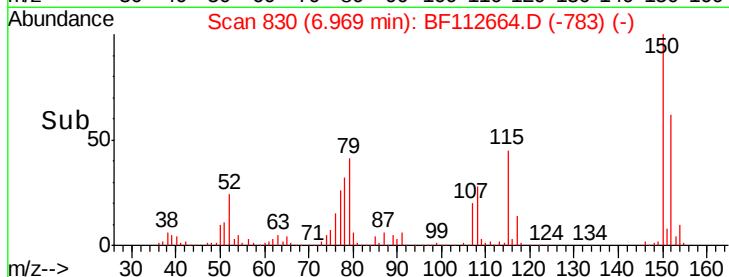
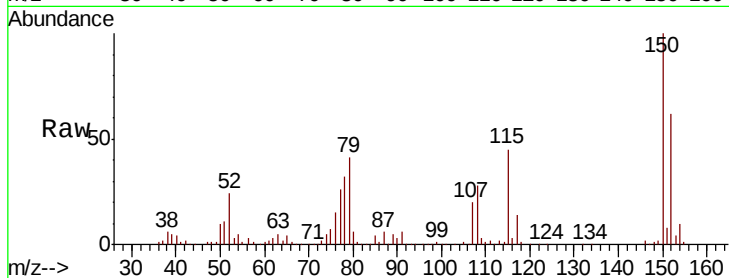
Tgt Ion: 79 Resp: 211646

Ion Ratio Lower Upper

79 100

108 69.7 64.2 96.2

77 63.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.038 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

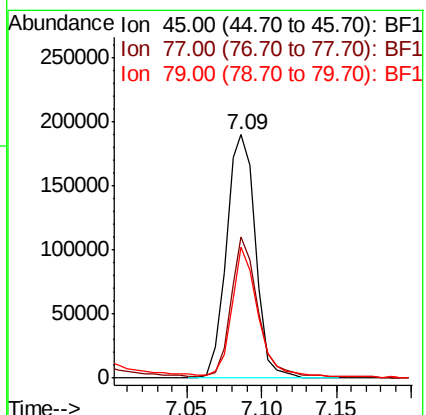
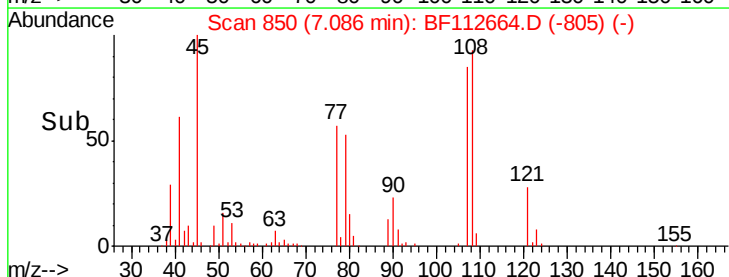
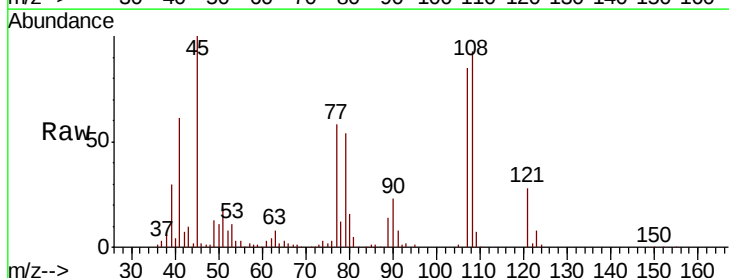
Tgt Ion: 45 Resp: 259878

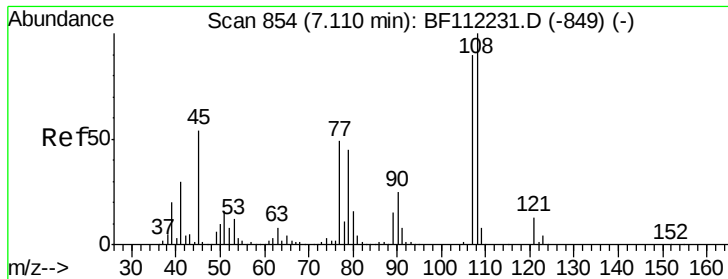
Ion Ratio Lower Upper

45 100

77 58.0 0.0 36.9#

79 53.8 0.0 34.0#

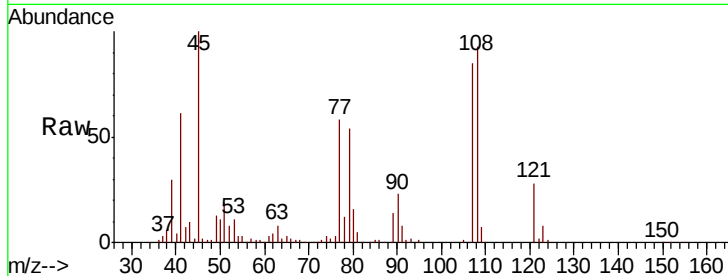




#17
 2-Methylphenol
 Concen: 42.383 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.3	91.3	136.9
77	68.5	39.0	58.6
79	63.4	37.0	55.4



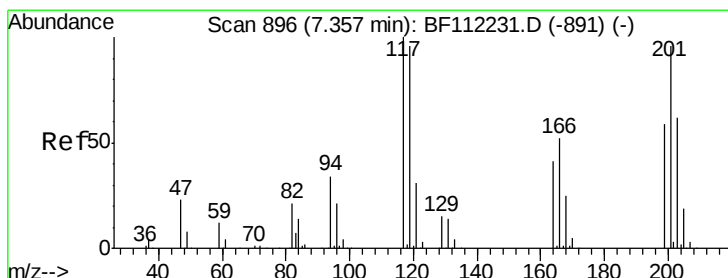
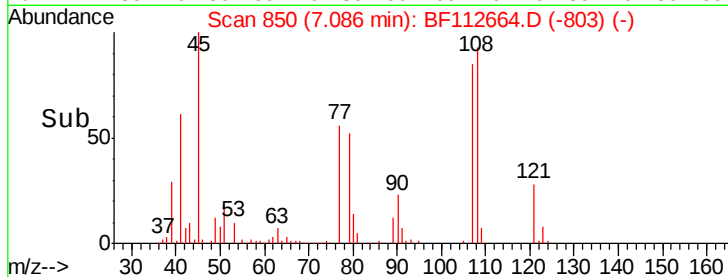
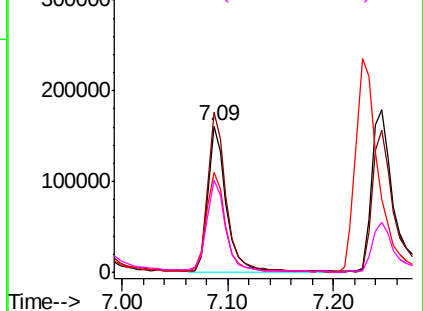
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

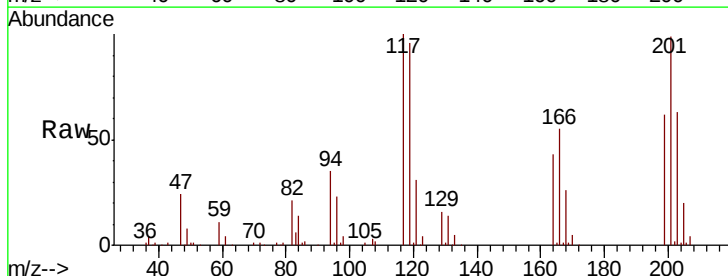
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
 Hexachloroethane
 Concen: 41.994 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.4
201	99.4	74.1	111.1

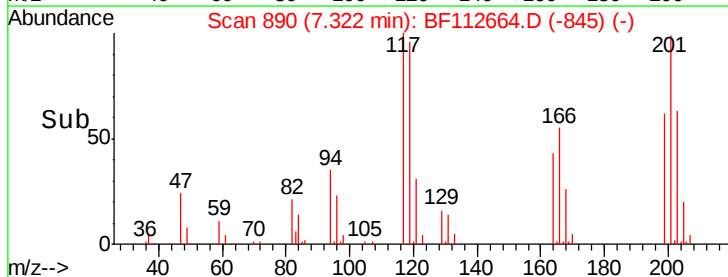
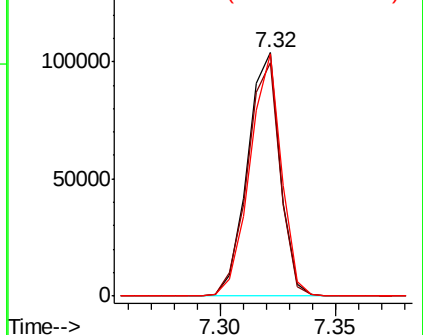


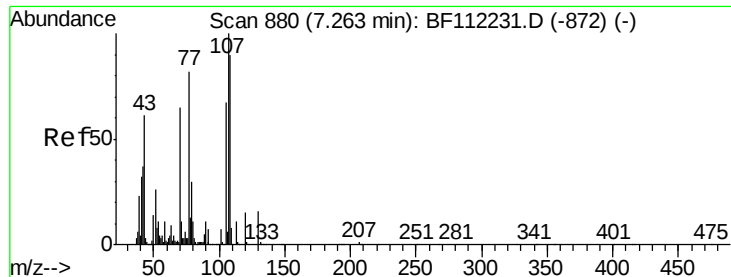
Abundance

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

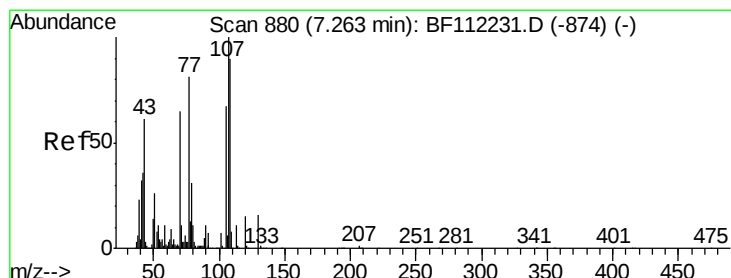
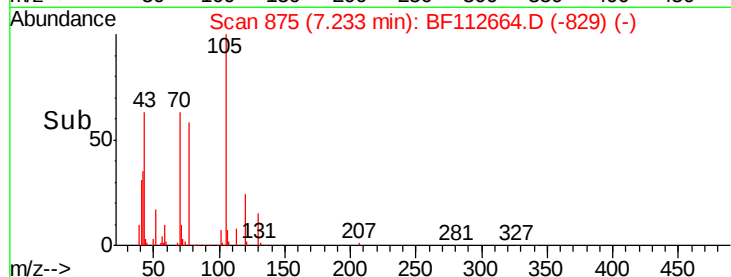
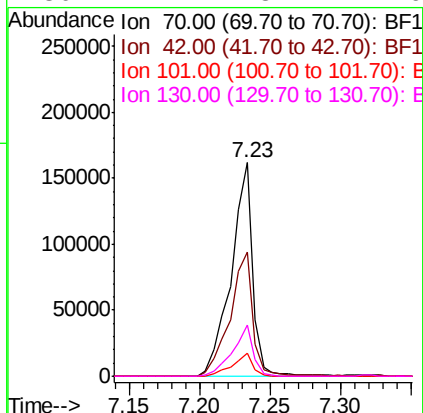
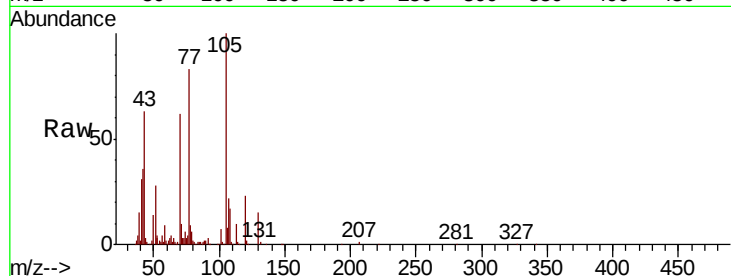




#19
n-Nitroso-di-n-propylamine
Concen: 41.326 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

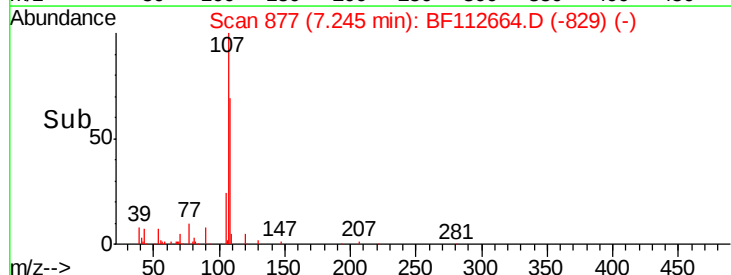
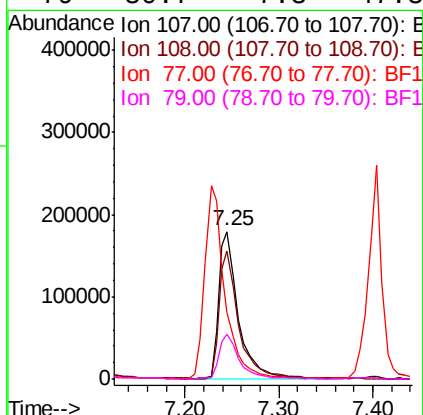
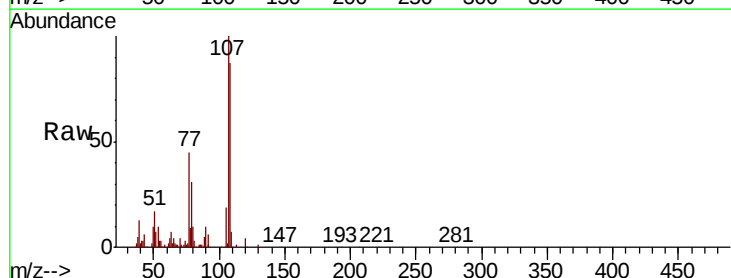
Instrument :
BNA_F
ClientSampleId :
PB117293BS

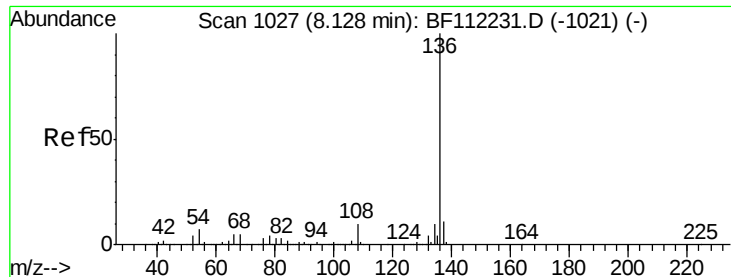
Tgt Ion:	70	Resp:	171049
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.6	71.4
101	11.0	7.9	11.9
130	24.2	18.4	27.6



#20
3+4-Methylphenols
Concen: 44.086 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:	107	Resp:	259709
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	45.2	100.7	140.7#
79	30.7	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

Tgt Ion:136 Resp: 360201

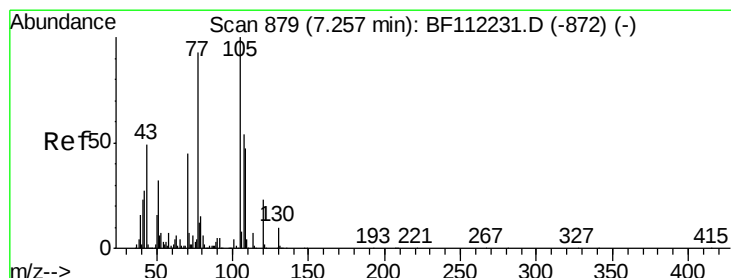
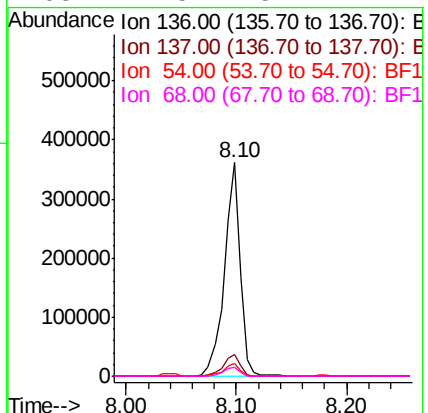
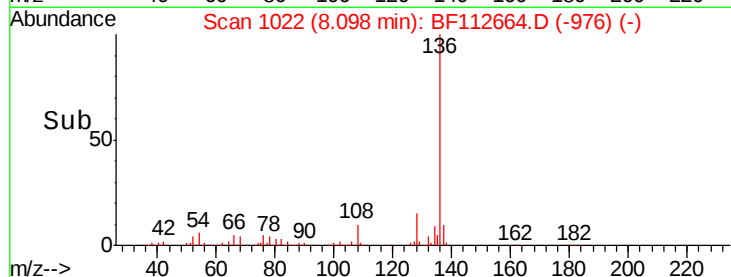
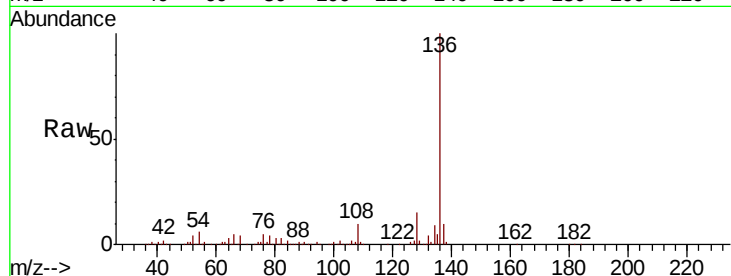
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 6.2 5.9 8.9

68 4.5 5.1 7.7#



#22

Acetophenone

Concen: 40.173 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:105 Resp: 352356

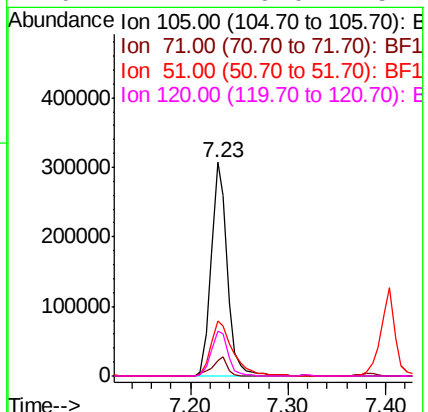
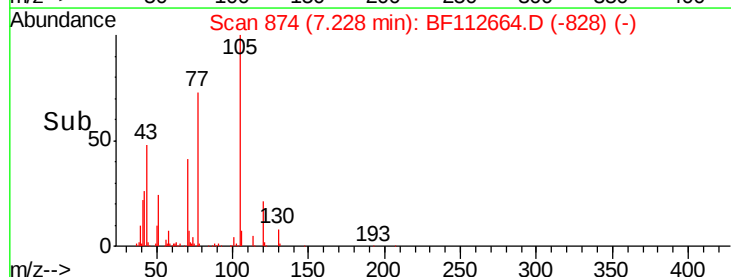
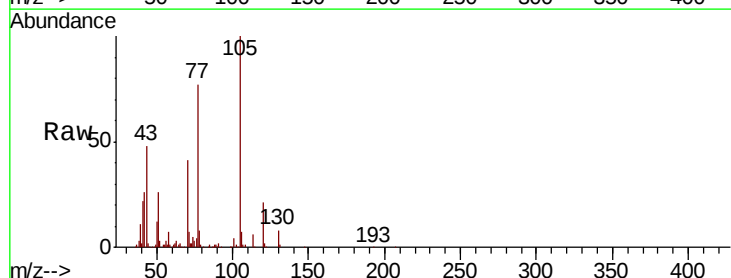
Ion Ratio Lower Upper

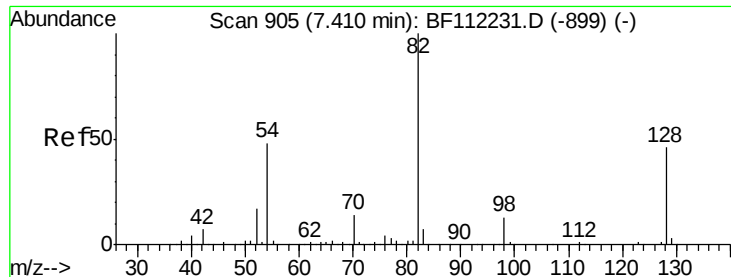
105 100

71 7.2 4.6 6.8#

51 25.7 25.0 37.6

120 21.1 19.0 28.4

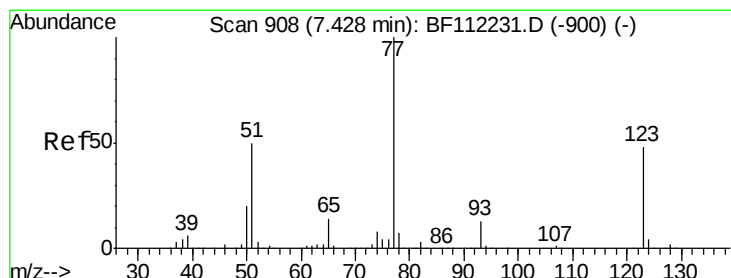
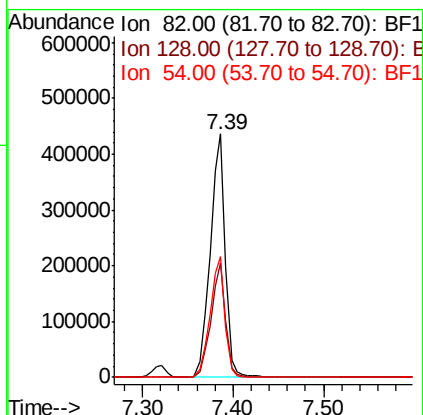
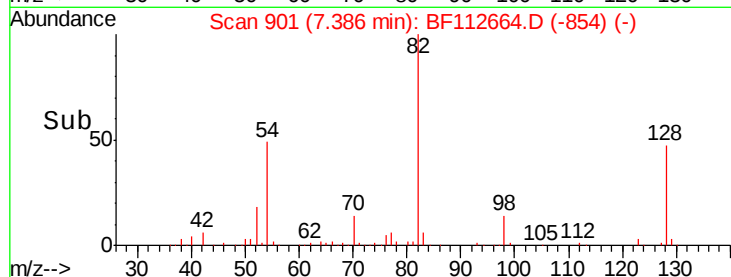
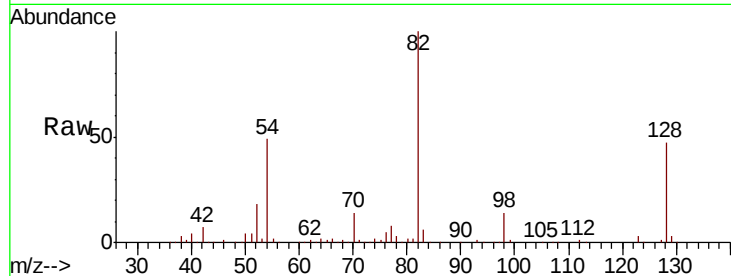




#23
 Nitrobenzene-d5
 Concen: 81.166 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

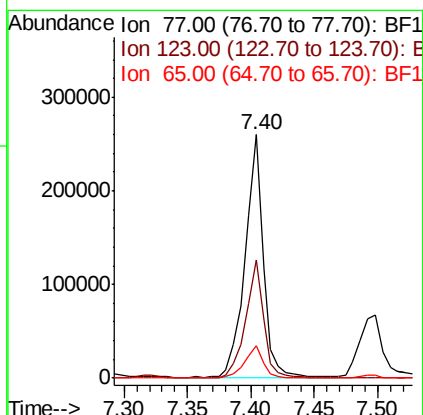
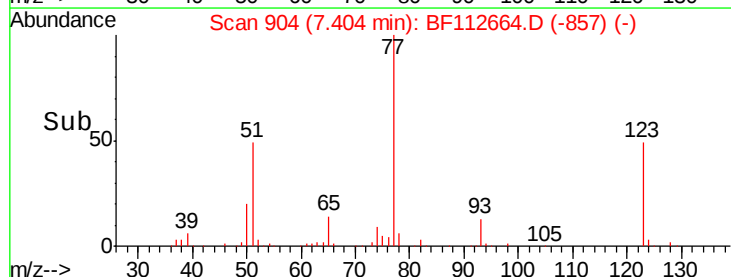
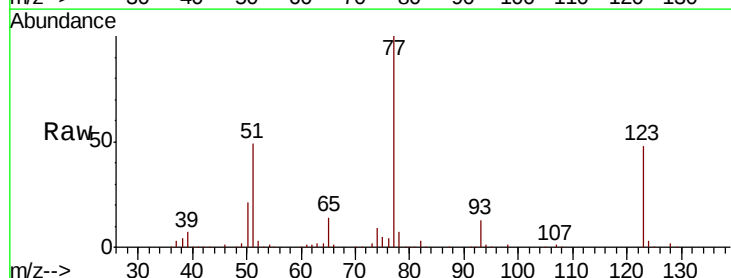
Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

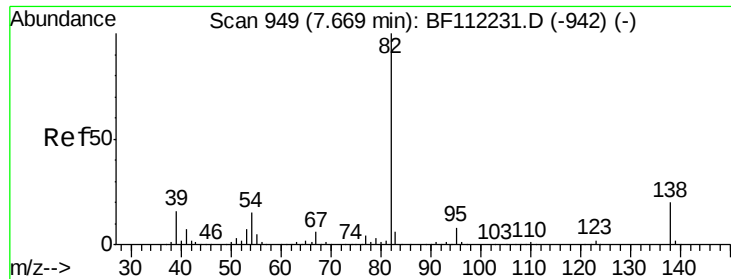
Tgt Ion: 82 Resp: 507396
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.8 56.8
 54 49.5 39.7 59.5



#24
 Nitrobenzene
 Concen: 41.390 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion: 77 Resp: 258412
 Ion Ratio Lower Upper
 77 100
 123 48.4 38.4 57.6
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 46.061 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

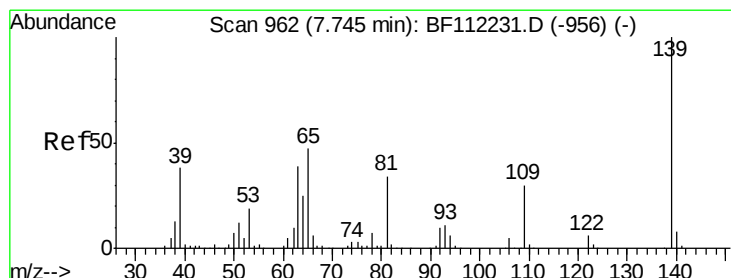
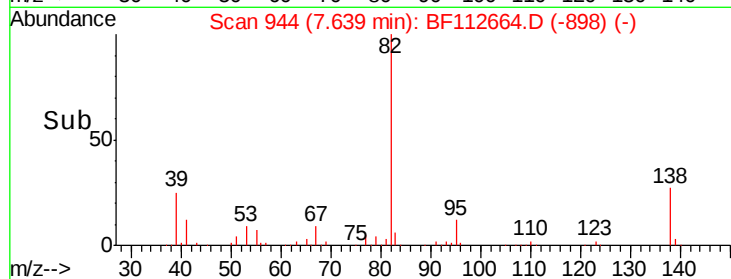
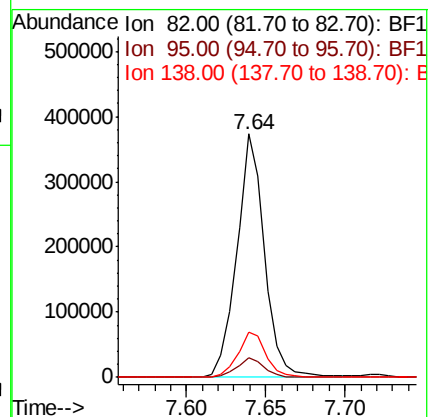
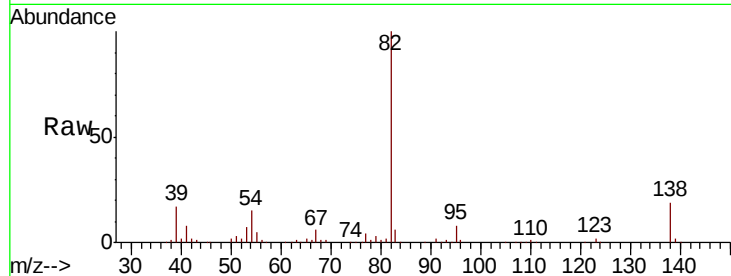
Tgt Ion: 82 Resp: 451725

Ion Ratio Lower Upper

82 100

95 8.2 5.7 8.5

138 18.5 15.4 23.0



#26

2-Nitrophenol

Concen: 41.426 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

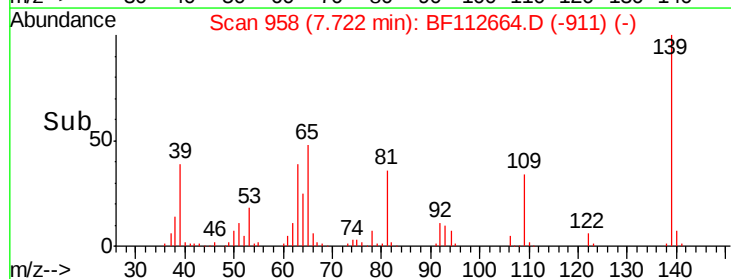
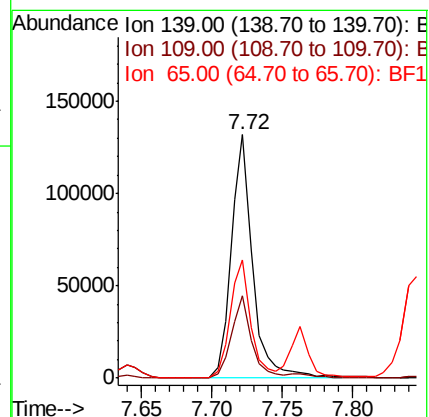
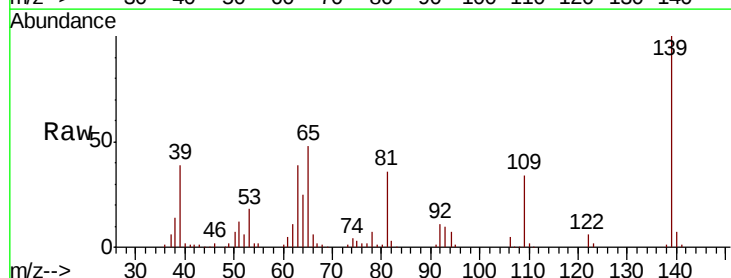
Tgt Ion: 139 Resp: 138219

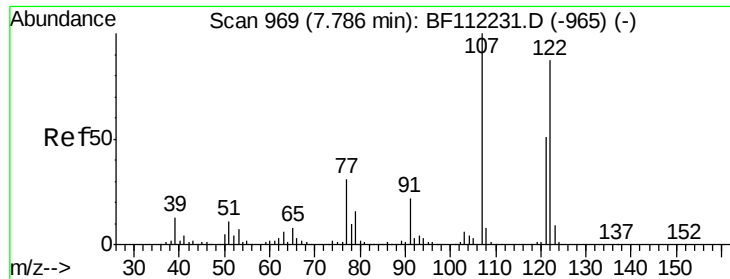
Ion Ratio Lower Upper

139 100

109 33.6 20.8 31.2#

65 48.4 34.4 51.6

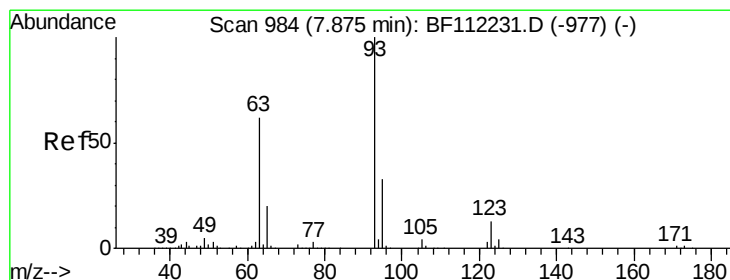
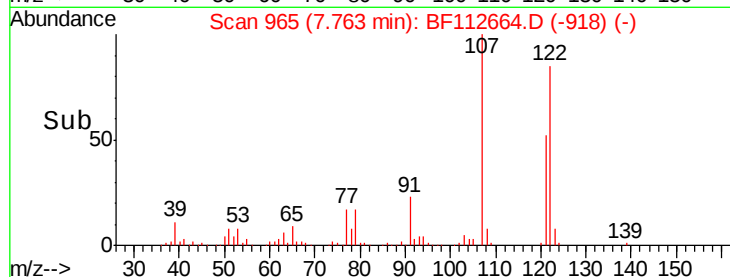
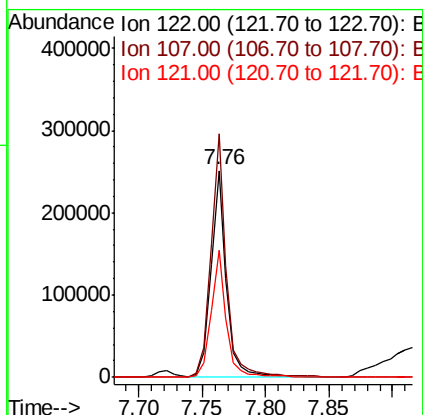
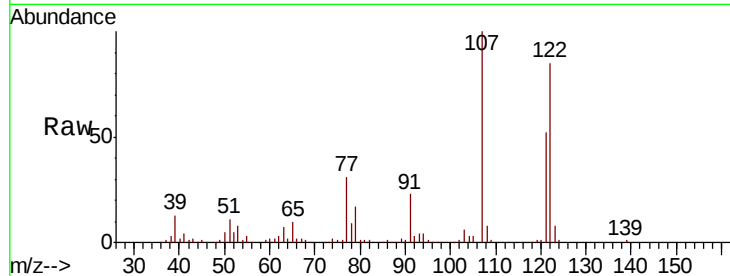




#27
2,4-Dimethylphenol
Concen: 46.973 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

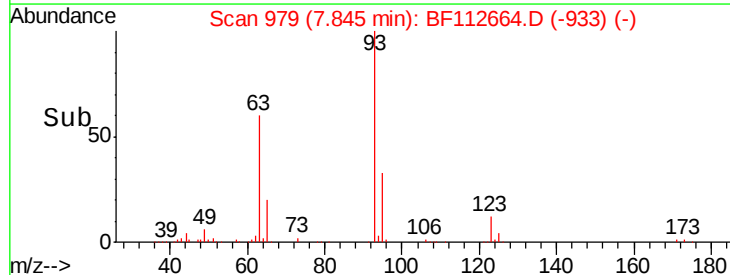
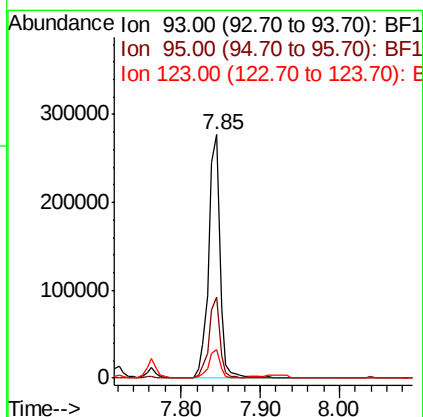
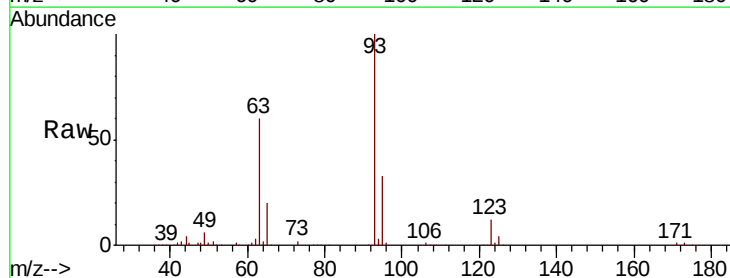
Instrument :
BNA_F
ClientSampleId :
PB117293BS

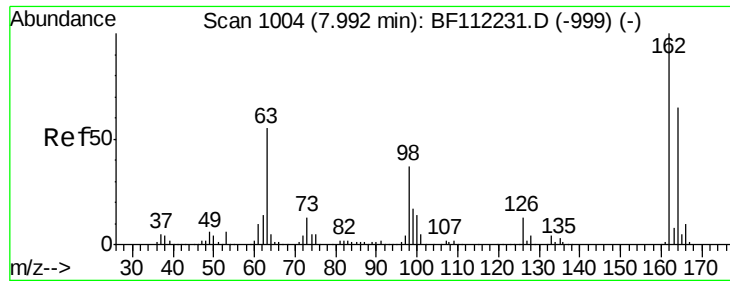
Tgt Ion:122 Resp: 215930
Ion Ratio Lower Upper
122 100
107 117.9 85.4 128.0
121 61.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.917 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion: 93 Resp: 279911
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.9 10.2 15.2

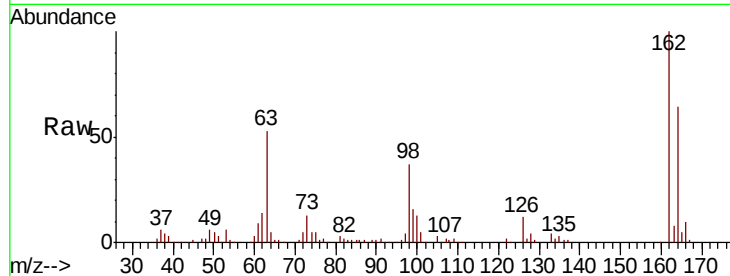




#29
 2,4-Dichlorophenol
 Concen: 41.493 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	37.4	14.6	54.6

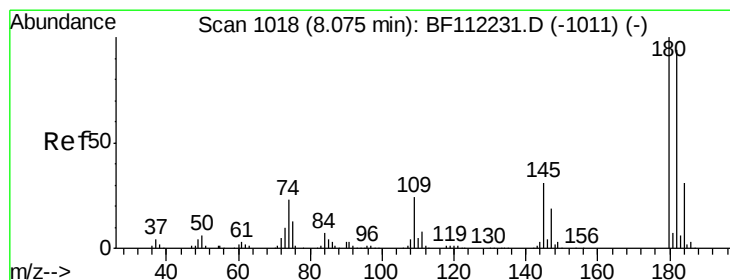
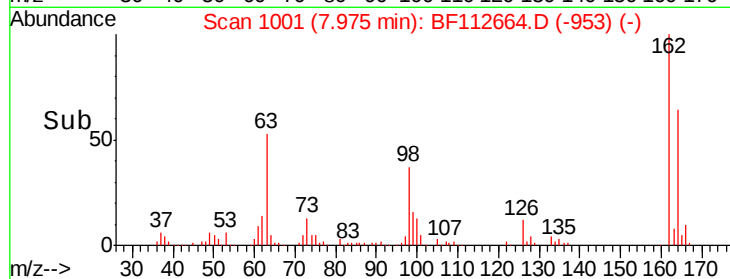
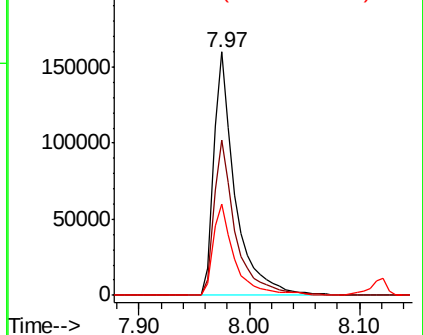


Abundance

Ion 162.00 (161.70 to 162.70): E

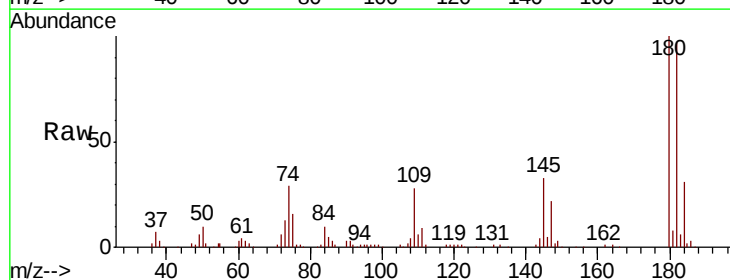
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.248 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	33.1	25.0	37.4

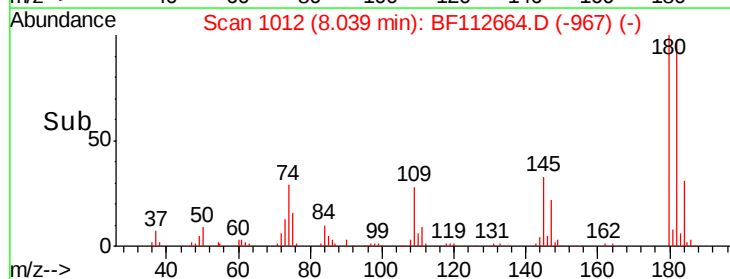
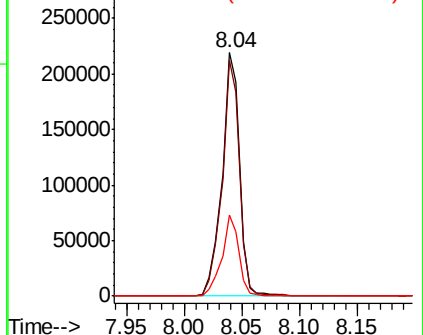


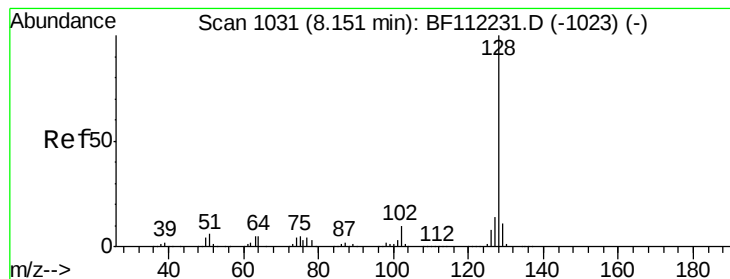
Abundance

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: 44.140 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

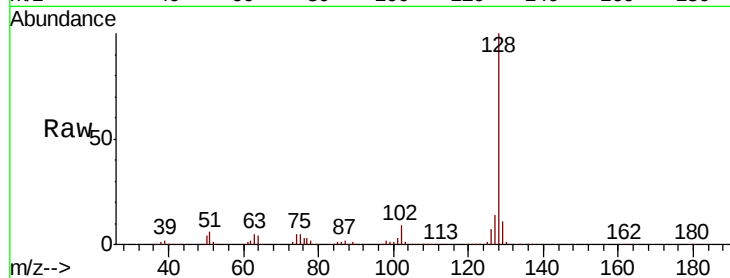
Tgt Ion:128 Resp: 743526

Ion Ratio Lower Upper

128 100

129 10.8 9.6 14.4

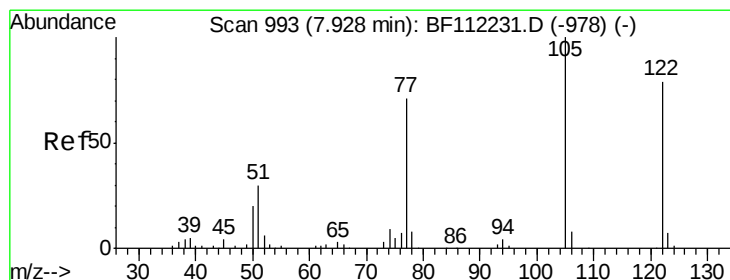
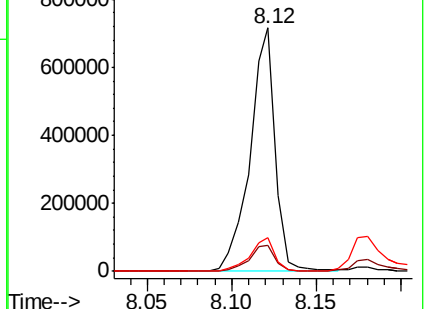
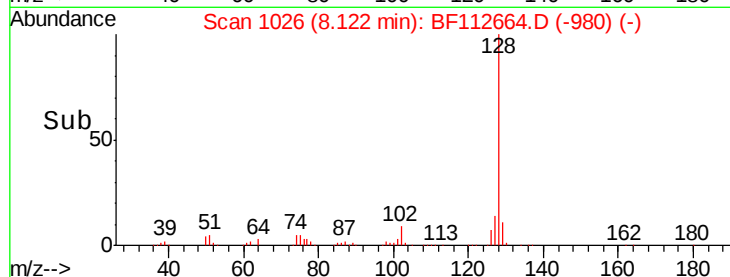
127 13.7 11.1 16.7



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: 47.327 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

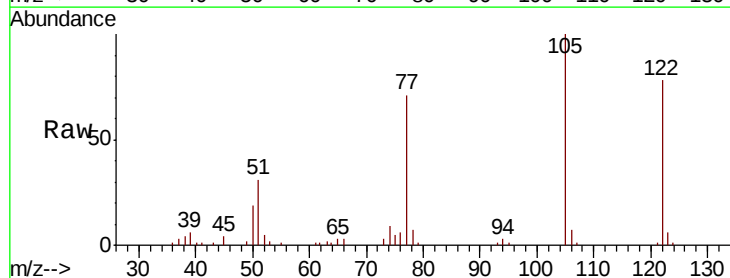
Tgt Ion:122 Resp: 124098

Ion Ratio Lower Upper

122 100

105 128.9 101.2 141.2

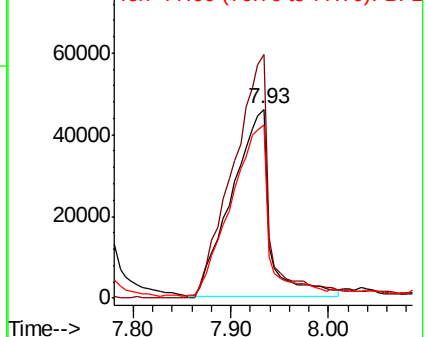
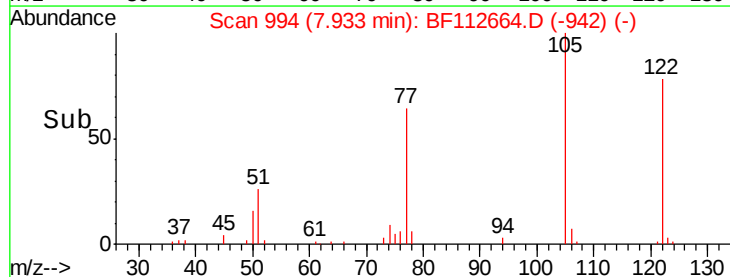
77 91.7 70.4 110.4

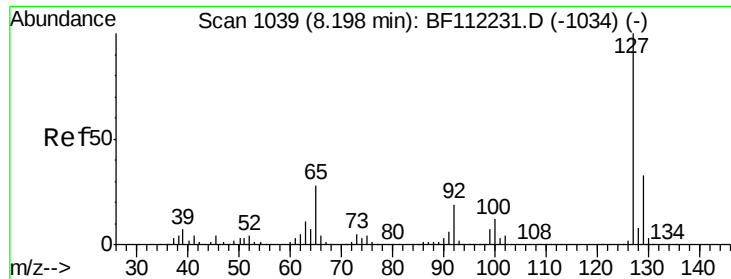


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

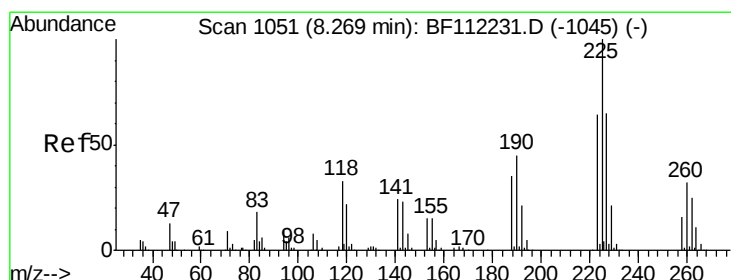
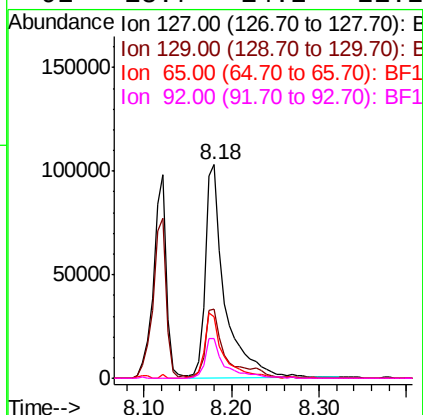
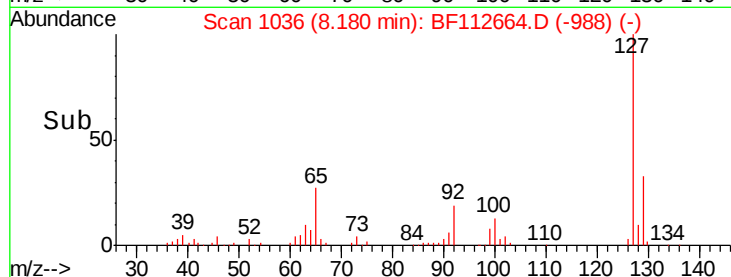
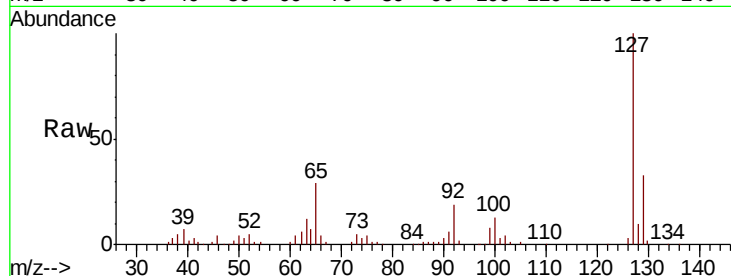




#33
4-Chloroaniline
Concen: 21.673 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

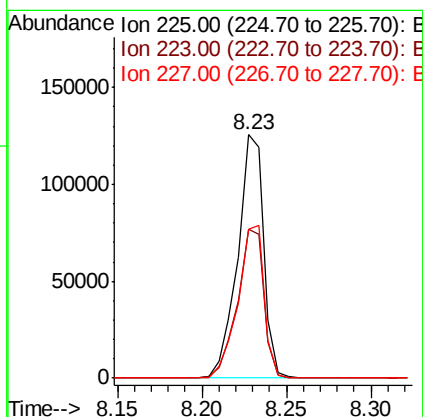
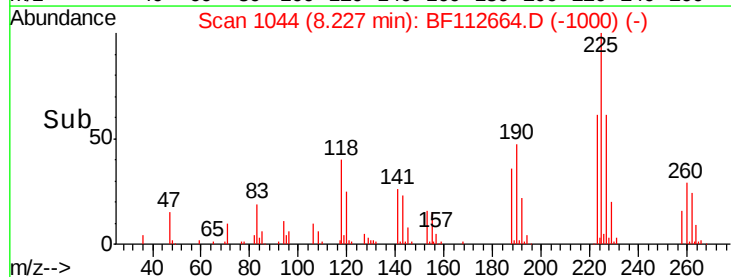
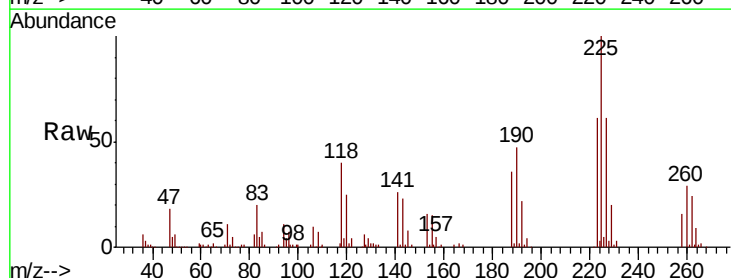
Instrument :
BNA_F
ClientSampleId :
PB117293BS

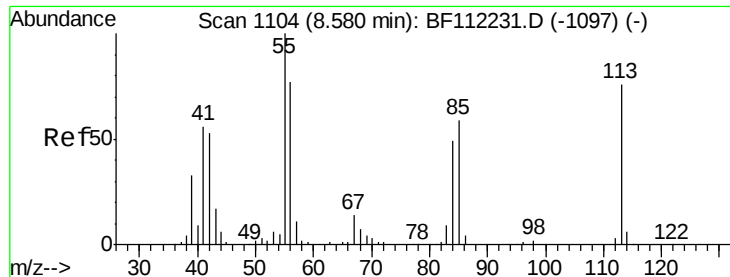
Tgt Ion:	127	Resp:	158960
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	28.8	21.4	32.2
92	18.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 38.843 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:	225	Resp:	134783
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.3	75.5
227	61.2	51.8	77.8

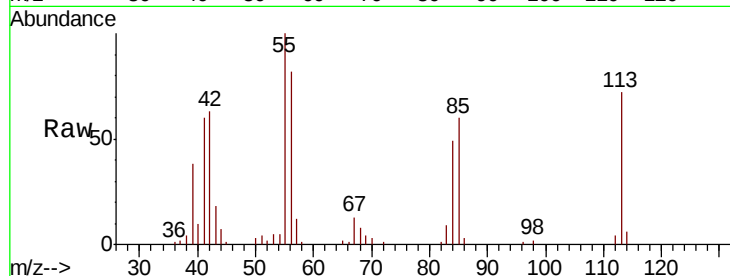




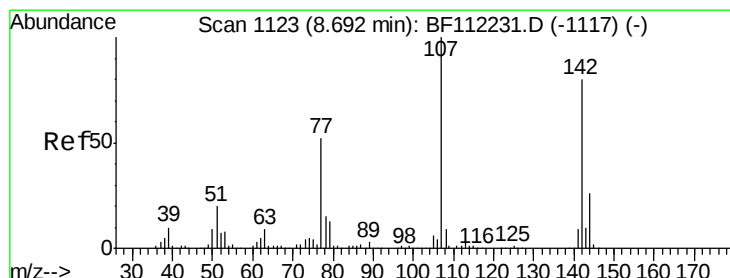
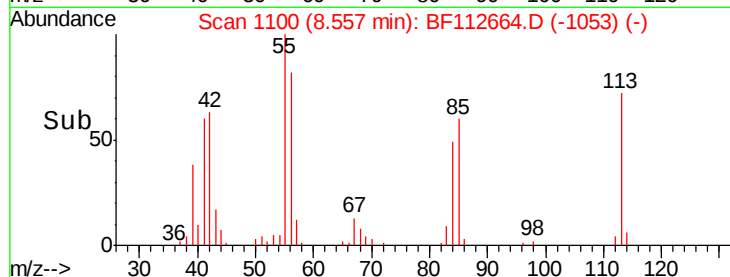
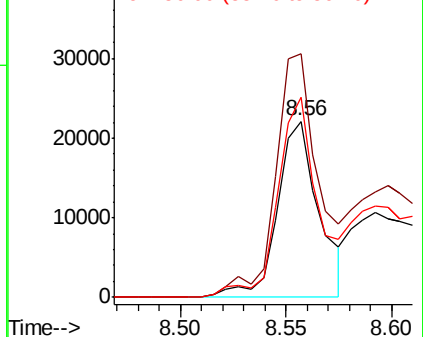
#35
 Caprolactam
 Concen: 16.631 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion:113 Resp: 30182
 Ion Ratio Lower Upper
 113 100
 55 138.4 121.6 161.6
 56 114.1 86.7 126.7

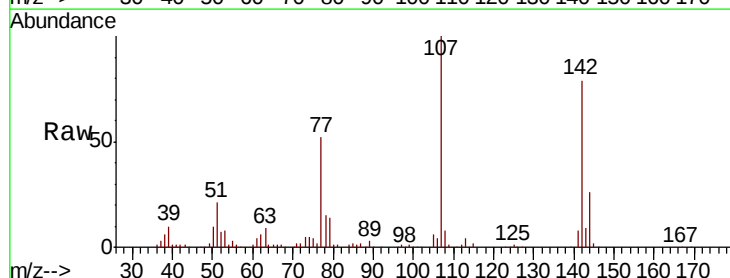


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

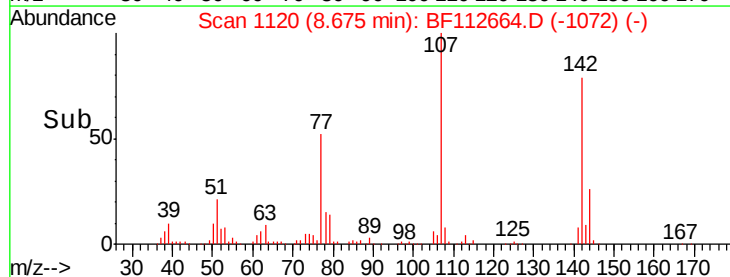
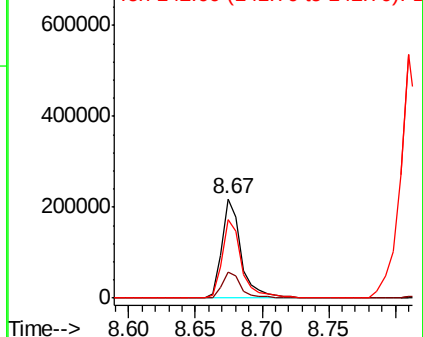


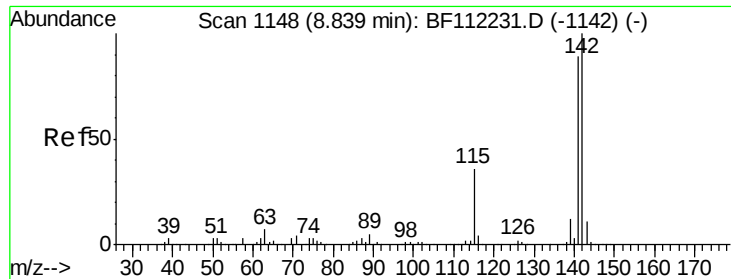
#36
 4-Chloro-3-methylphenol
 Concen: 41.277 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:107 Resp: 224788
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.2 33.2
 142 78.6 67.7 101.5



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

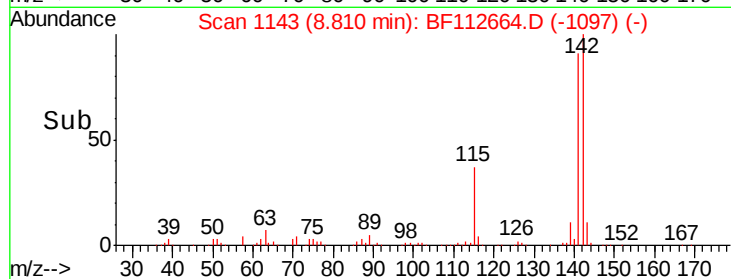
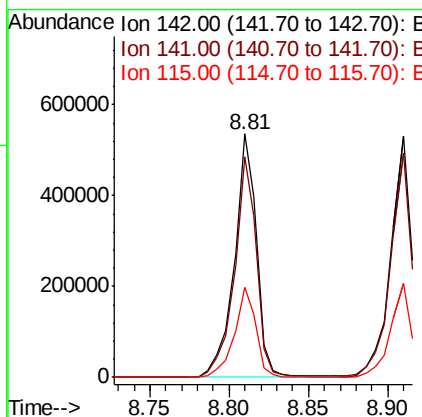
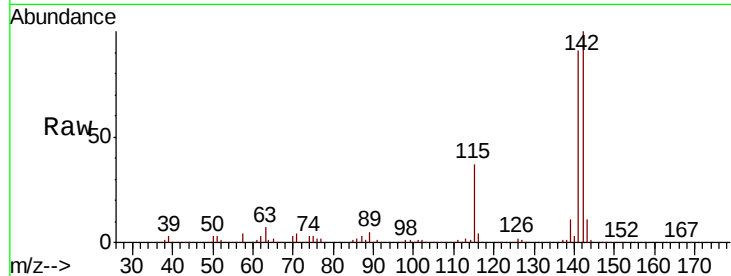




#37
2-Methylnaphthalene
Concen: 45.016 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

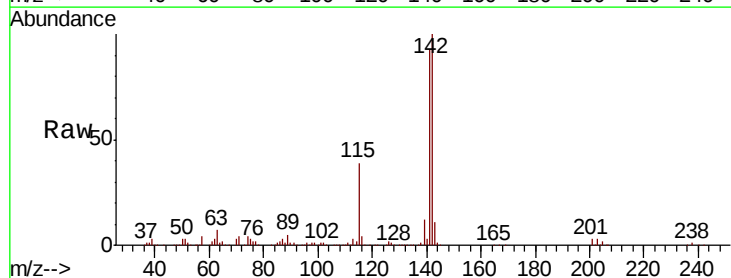
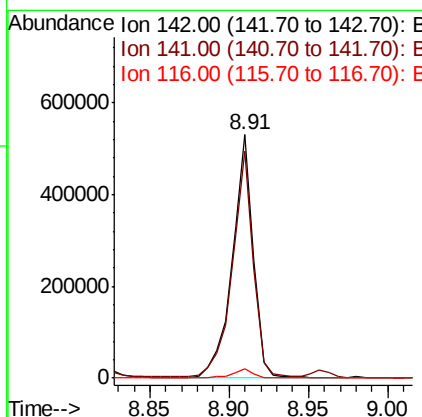
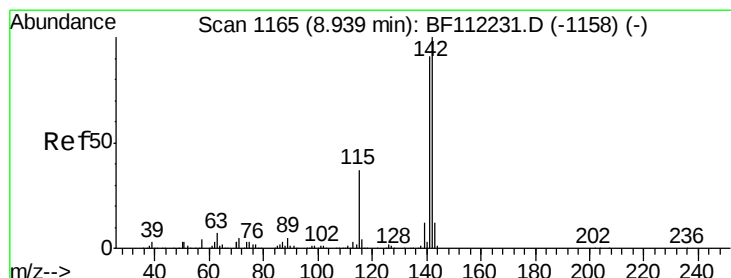
Instrument :
BNA_F
ClientSampleId :
PB117293BS

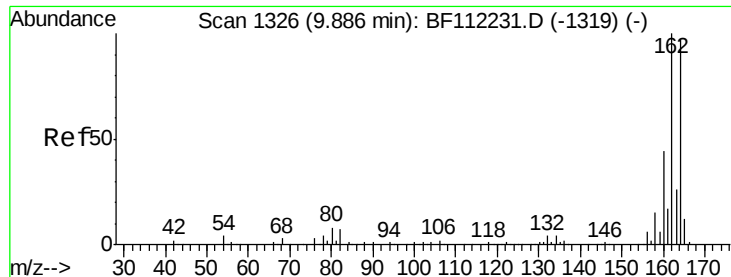
Tgt Ion:142 Resp: 519104
Ion Ratio Lower Upper
142 100
141 90.7 70.9 106.3
115 36.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 43.852 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:142 Resp: 484688
Ion Ratio Lower Upper
142 100
141 93.2 72.6 108.8
116 4.0 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

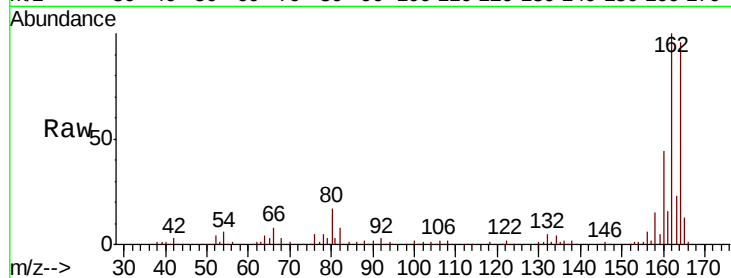
Tgt Ion:164 Resp: 175902

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.4

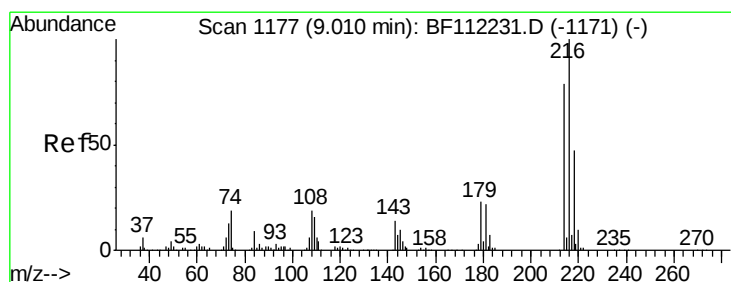
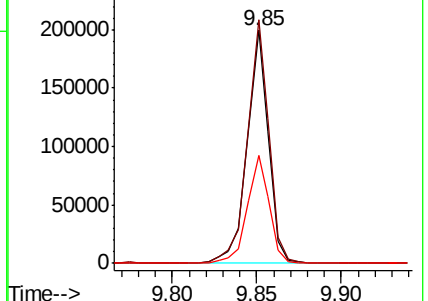
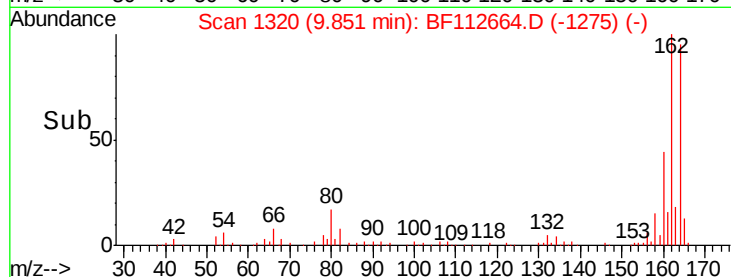
160 46.2 36.2 54.4



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: 40.303 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:216 Resp: 232769

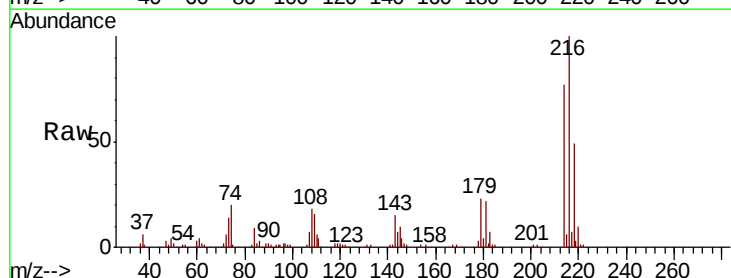
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.7 16.9 25.3

108 19.6 14.2 21.4

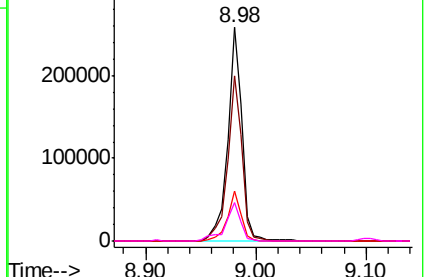
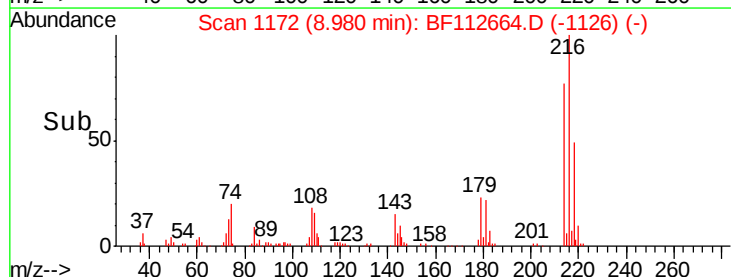


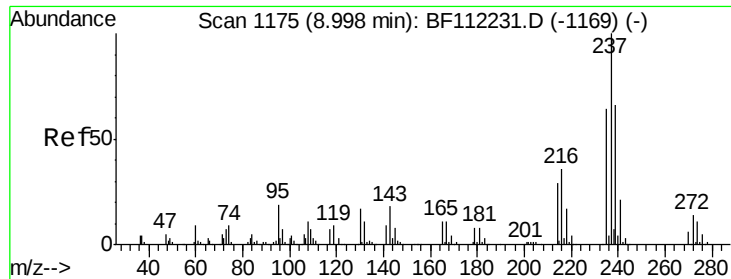
Abundance Ion 216.00 (215.70 to 216.70): E

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

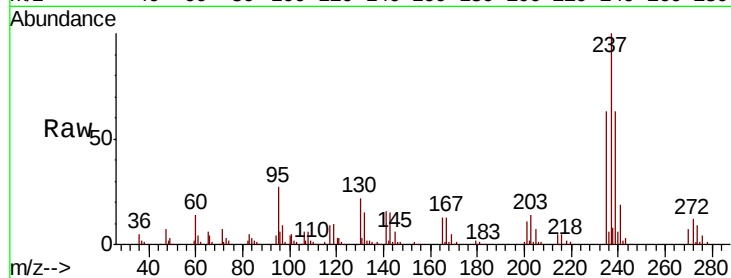




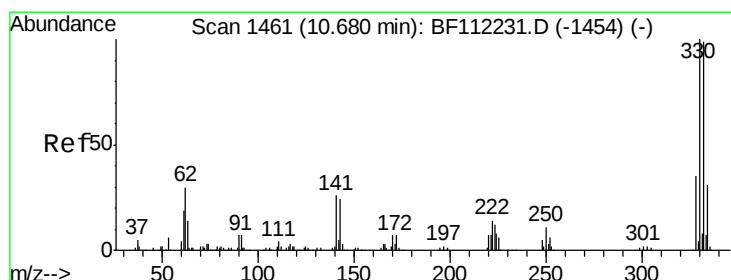
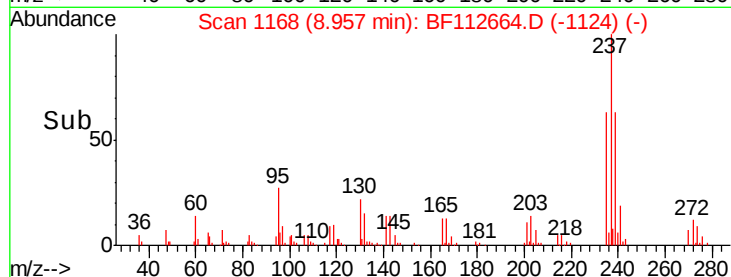
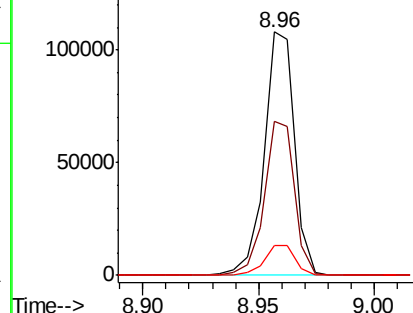
#41
Hexachlorocyclopentadiene
Concen: 49.083 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tgt Ion: 237 Resp: 98313
Ion Ratio Lower Upper
237 100
235 63.3 44.0 84.0
272 12.2 0.0 33.3

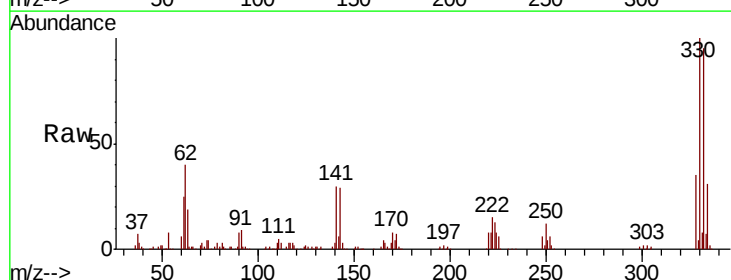


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

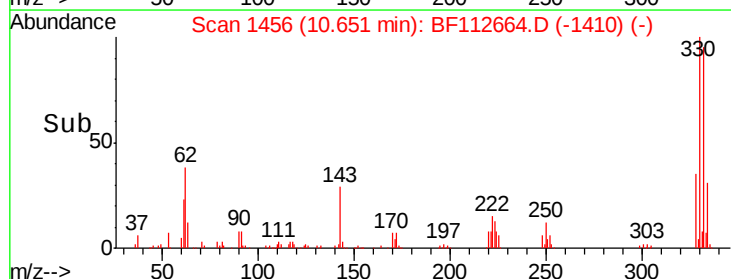
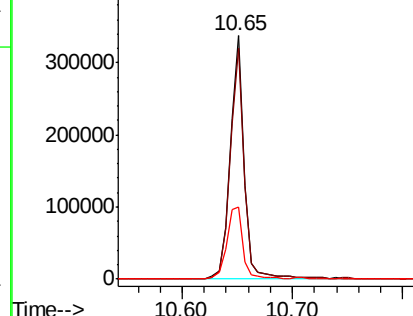


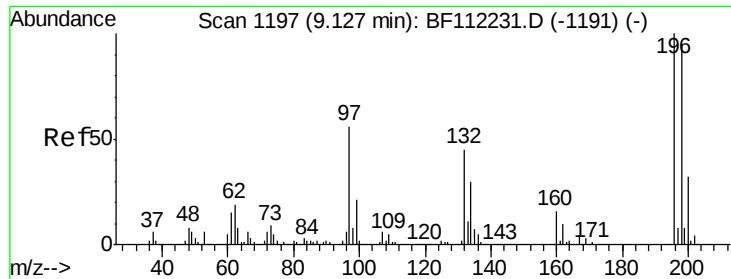
#42
2,4,6-Tribromophenol
Concen: 146.333 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion: 330 Resp: 299610
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 34.6 24.3 36.5



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

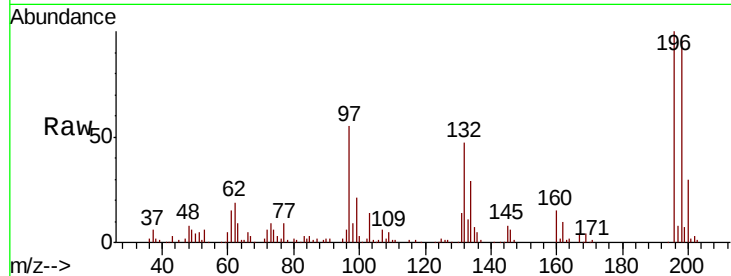




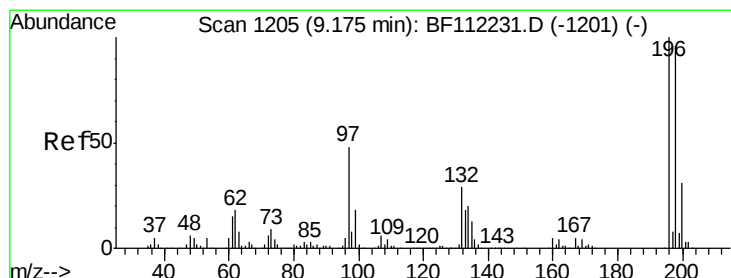
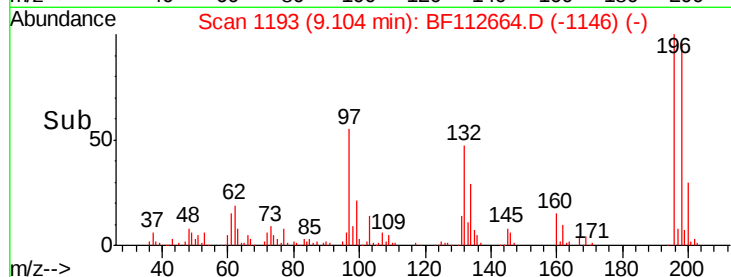
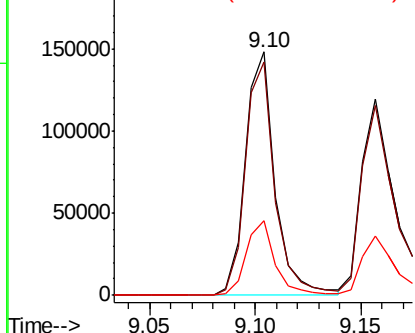
#43
 2,4,6-Trichlorophenol
 Concen: 40.439 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.4
200	30.4	24.3	36.5



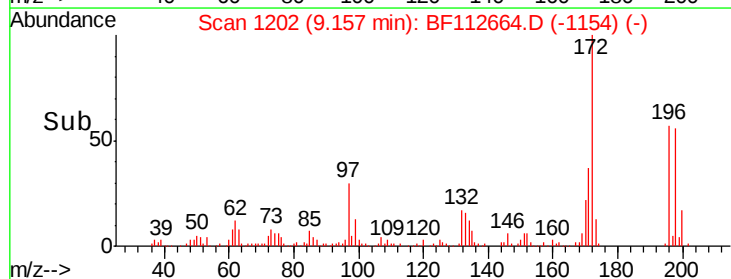
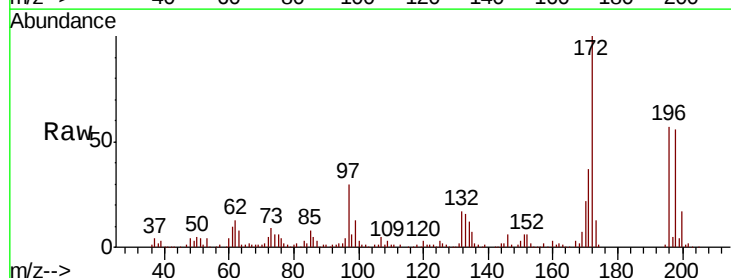
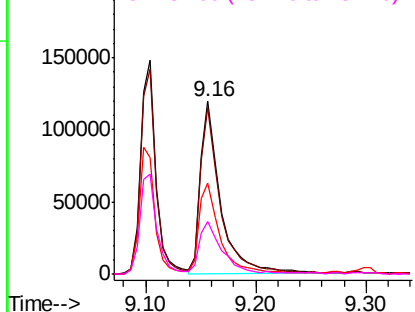
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

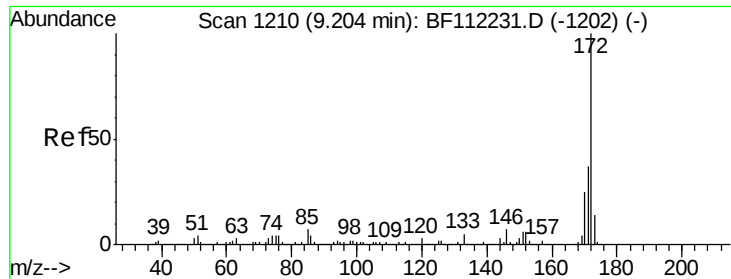


#44
 2,4,5-Trichlorophenol
 Concen: 38.749 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.0	114.0
97	52.7	36.4	54.6
132	30.4	21.5	32.3

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

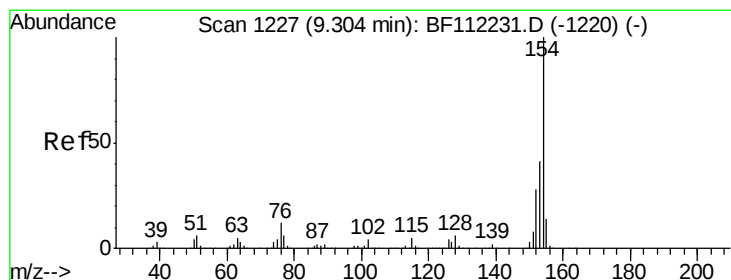
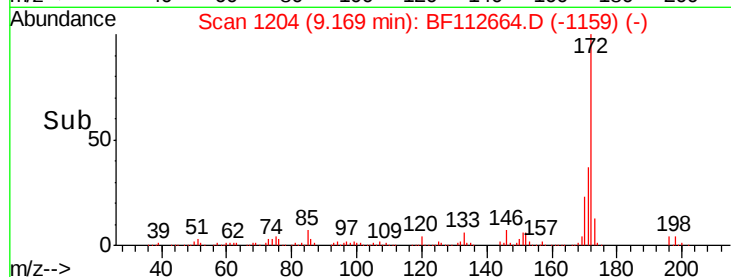
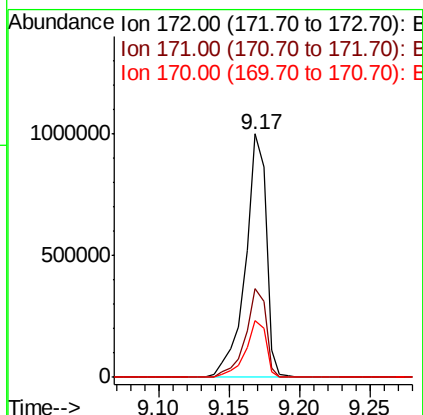
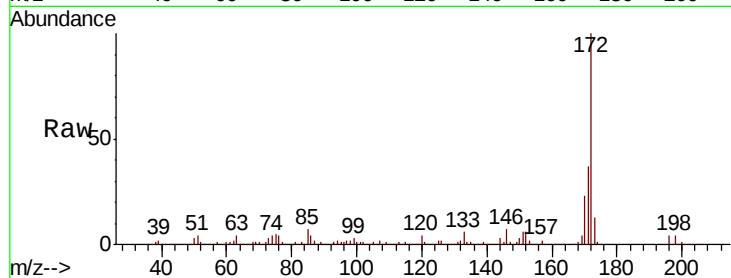




#45
2-Fluorobiphenyl
Concen: 82.747 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

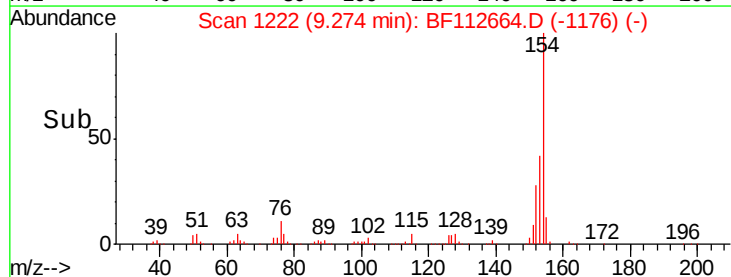
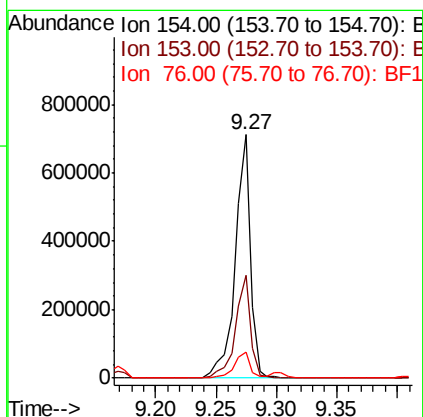
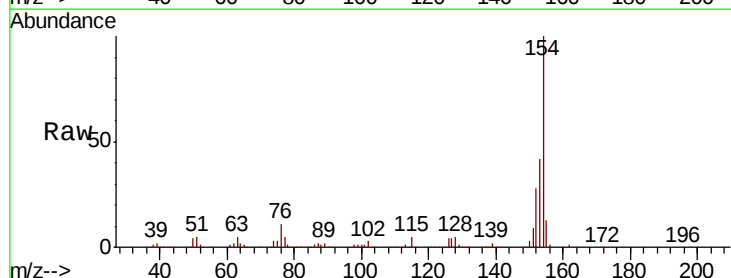
Instrument :
BNA_F
ClientSampleId :
PB117293BS

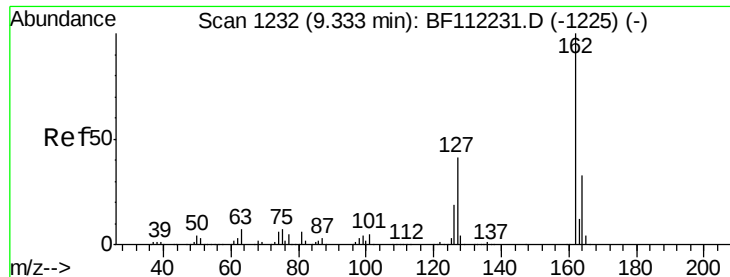
Tgt Ion:172 Resp: 1029131
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 23.5 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.871 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:154 Resp: 628509
Ion Ratio Lower Upper
154 100
153 42.2 21.5 61.5
76 10.8 0.0 33.1

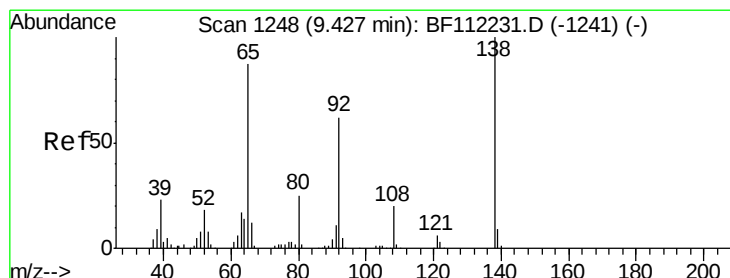
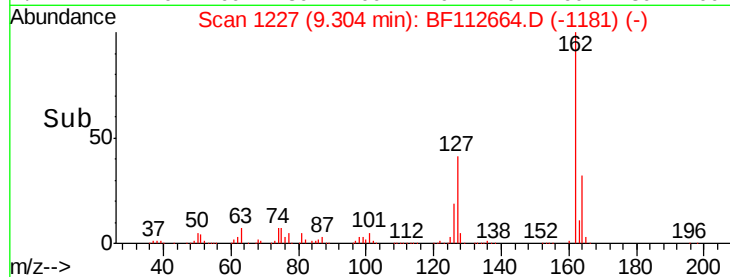
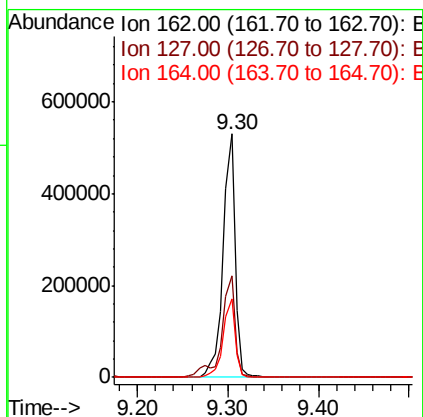
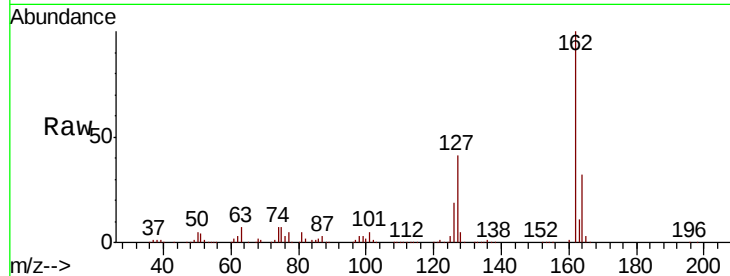




#47
 2-Chloronaphthalene
 Concen: 40.256 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

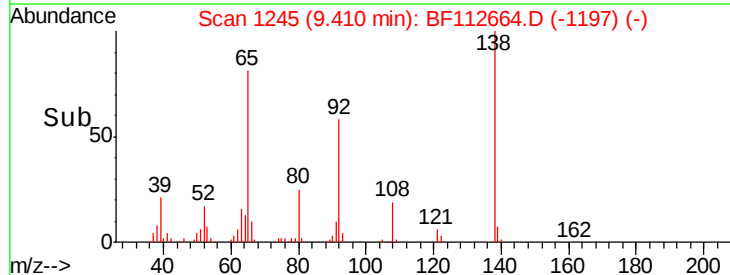
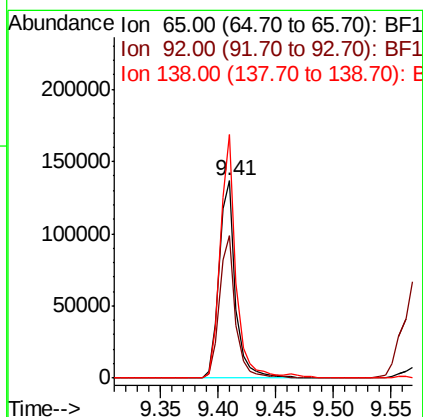
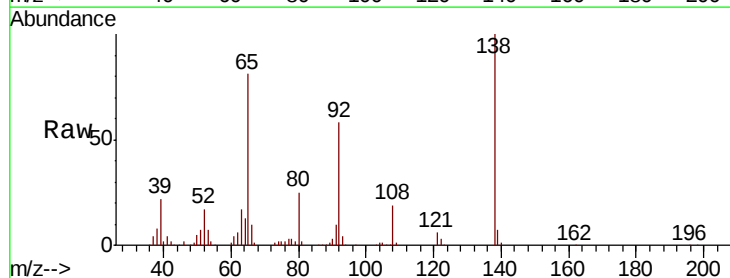
Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

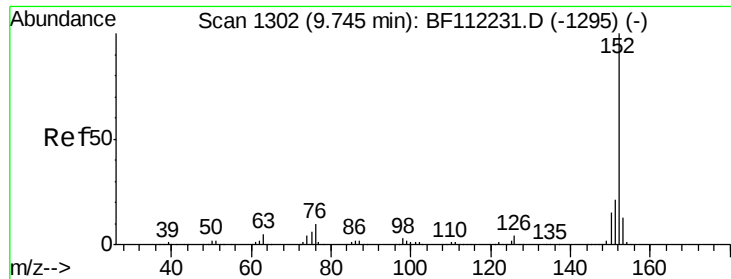
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	30.4	45.6
164	32.1	27.4	41.2



#48
 2-Nitroaniline
 Concen: 41.539 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	60.4	90.6
138	123.7	104.4	156.6





#49

Acenaphthylene

Concen: 43.339 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

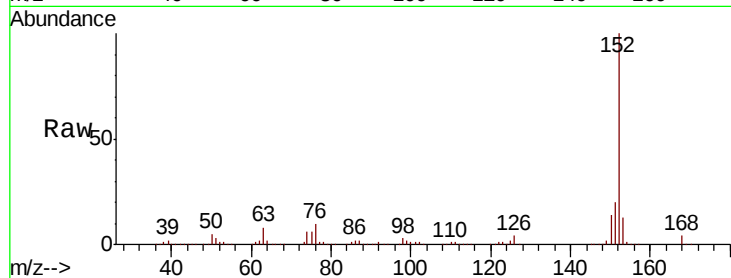
Tgt Ion:152 Resp: 757508

Ion Ratio Lower Upper

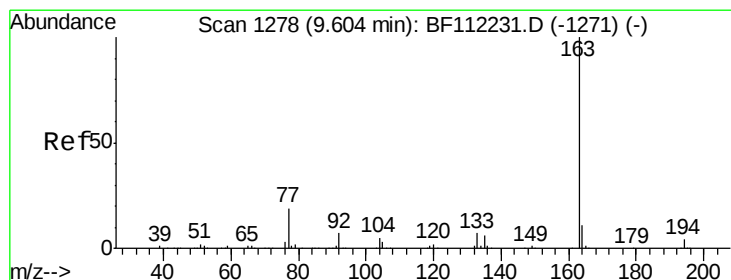
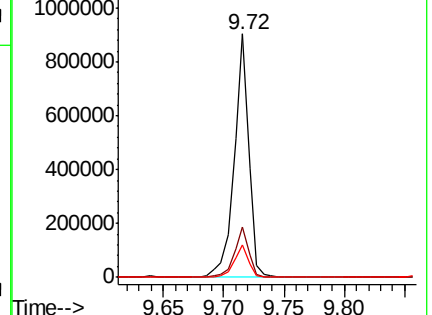
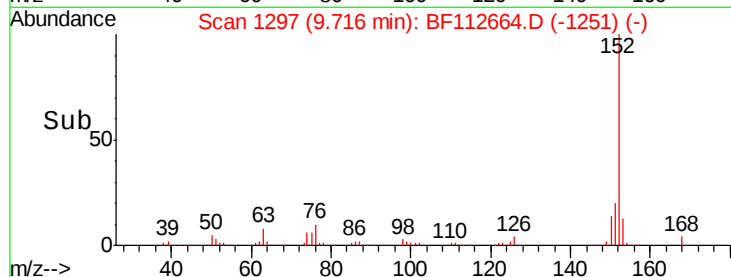
152 100

151 20.4 17.0 25.6

153 13.2 11.2 16.8



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



#50

Dimethylphthalate

Concen: 40.296 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

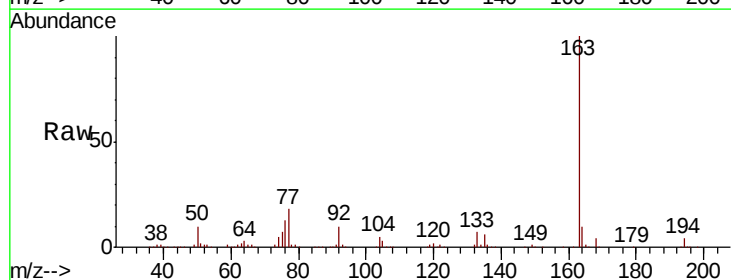
Tgt Ion:163 Resp: 550711

Ion Ratio Lower Upper

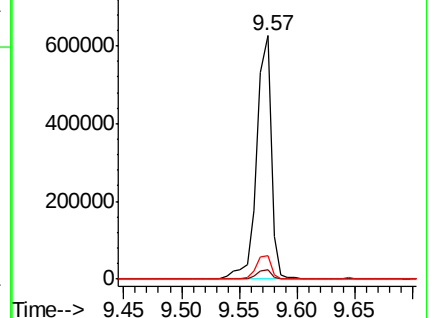
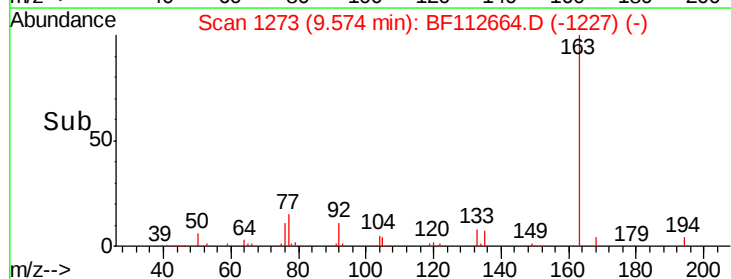
163 100

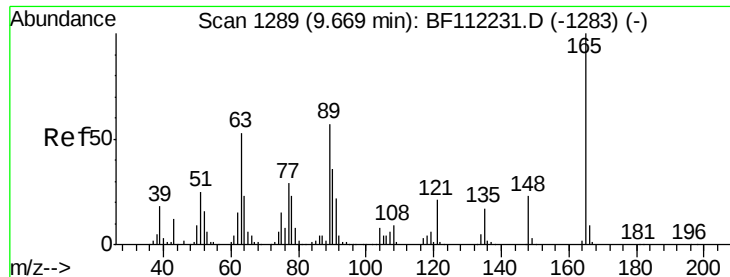
194 4.0 3.3 4.9

164 9.8 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 41.229 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

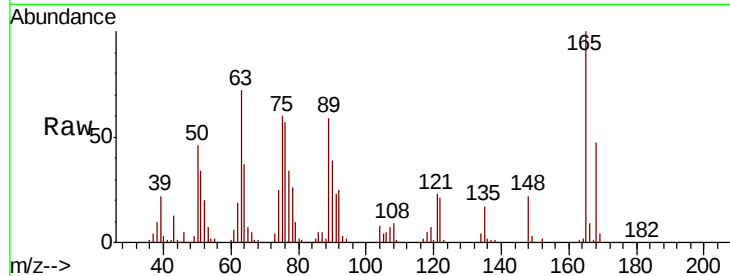
Tgt Ion:165 Resp: 126193

Ion Ratio Lower Upper

165 100

63 72.2 33.8 50.8#

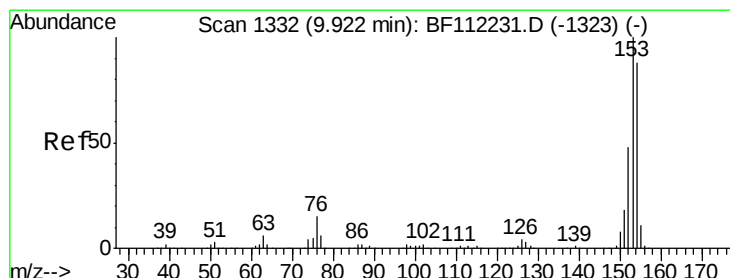
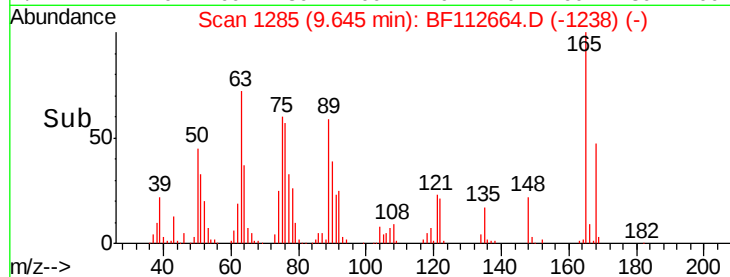
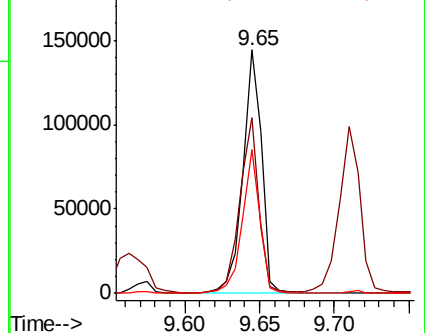
89 59.1 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.221 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

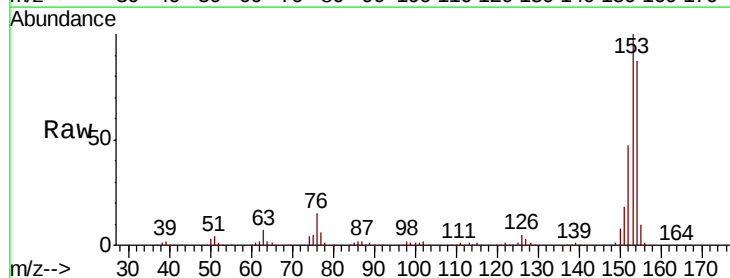
Tgt Ion:154 Resp: 440841

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

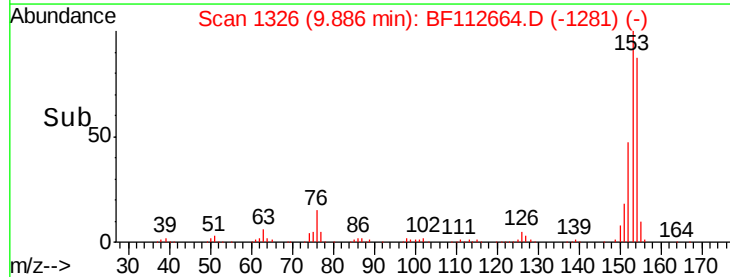
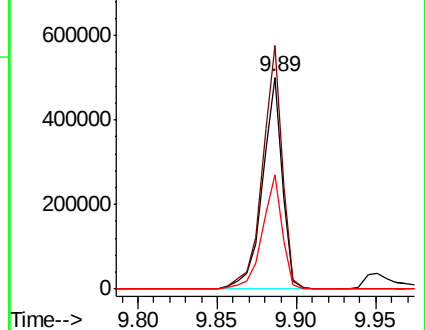
152 54.0 43.5 65.3

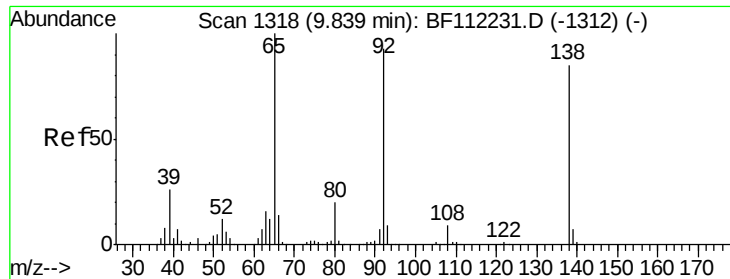


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

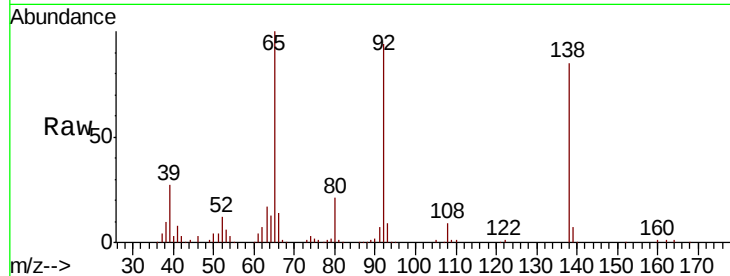




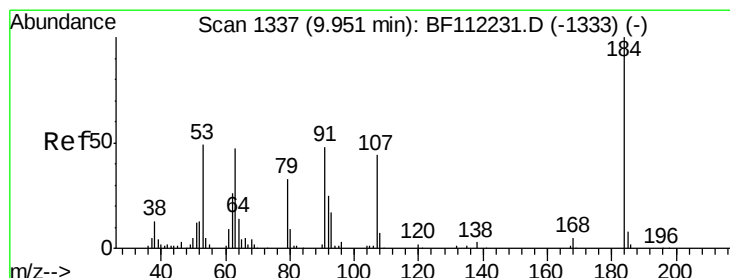
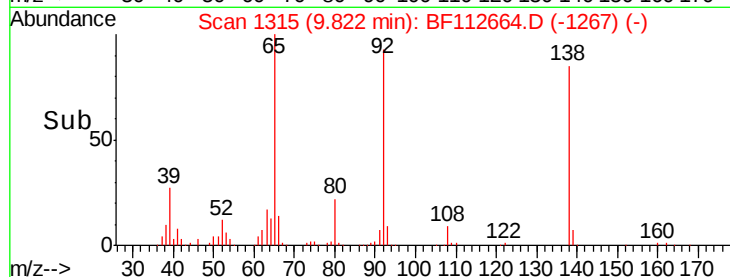
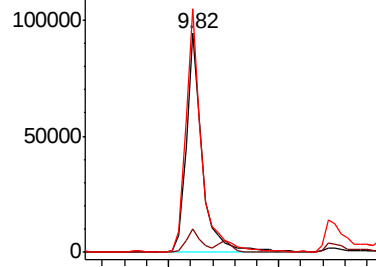
#53
 3-Nitroaniline
 Concen: 27.967 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion:138 Resp: 92739
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.8 14.6
 92 111.1 79.4 119.2

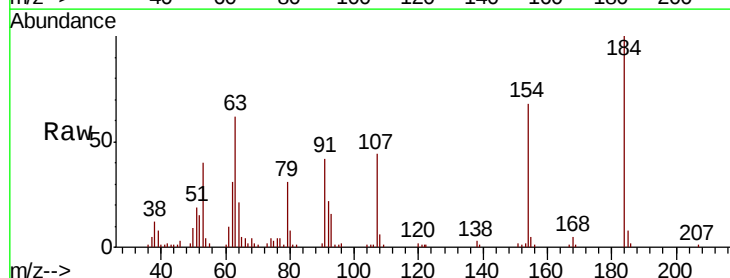


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

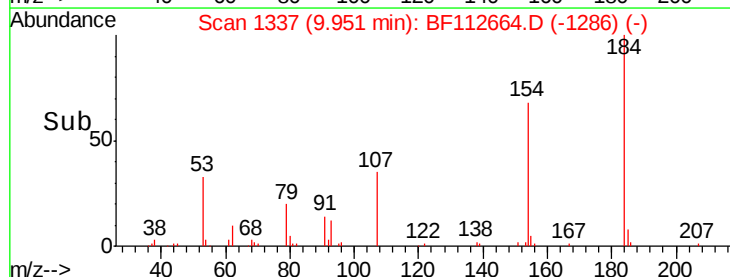
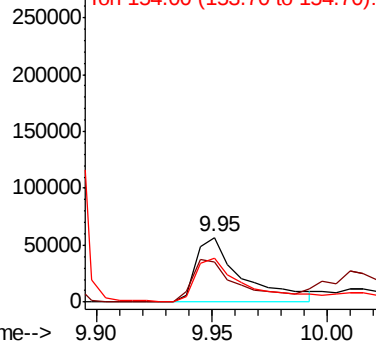


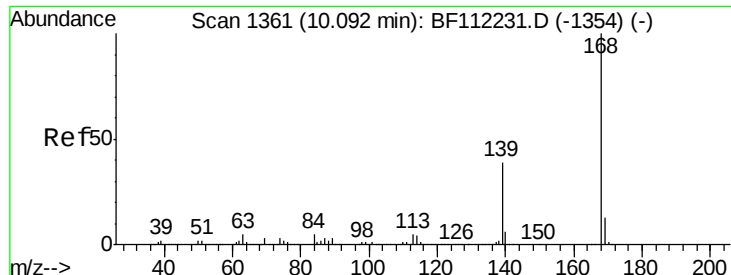
#54
 2,4-Dinitrophenol
 Concen: 81.076 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:184 Resp: 79641
 Ion Ratio Lower Upper
 184 100
 63 61.6 47.1 70.7
 154 67.7 48.9 73.3



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

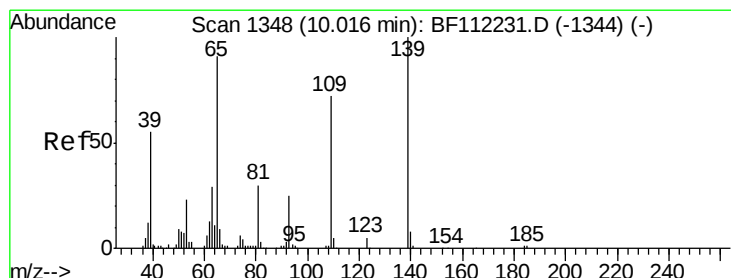
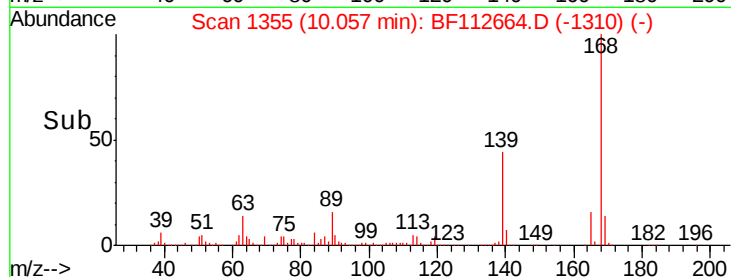
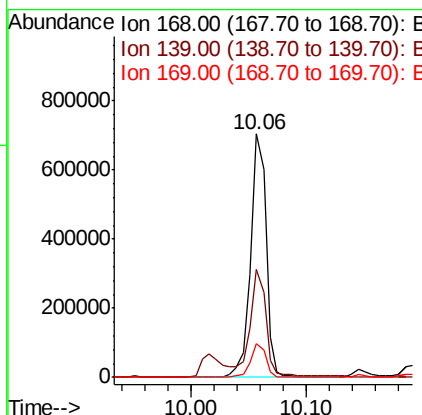
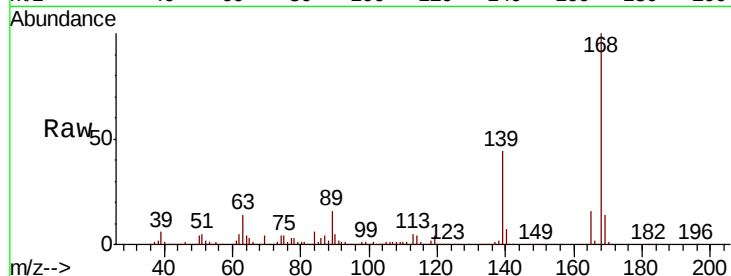




#55
Dibenzenofuran
Concen: 40.951 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

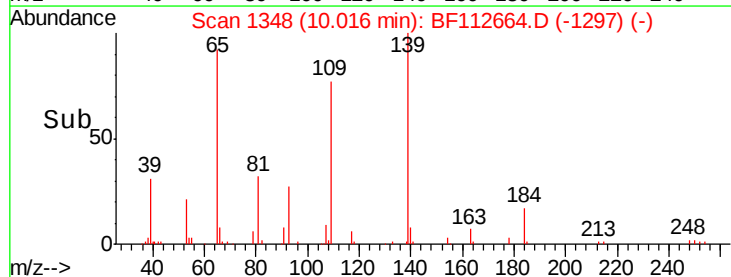
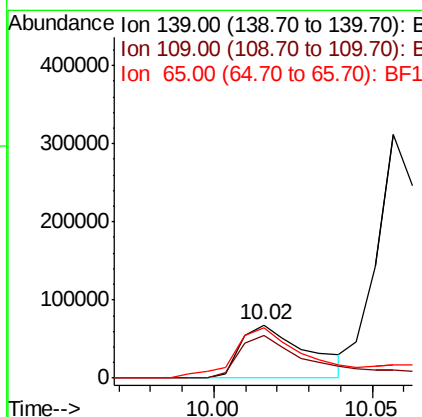
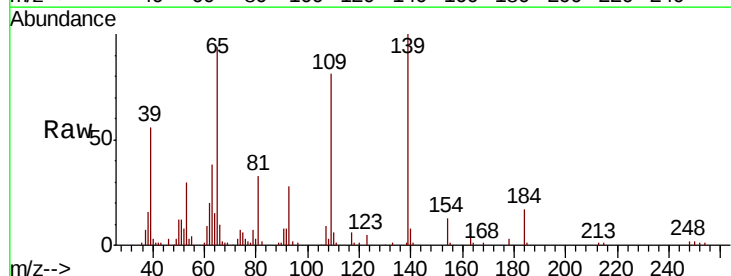
Instrument :
BNA_F
ClientSampleId :
PB117293BS

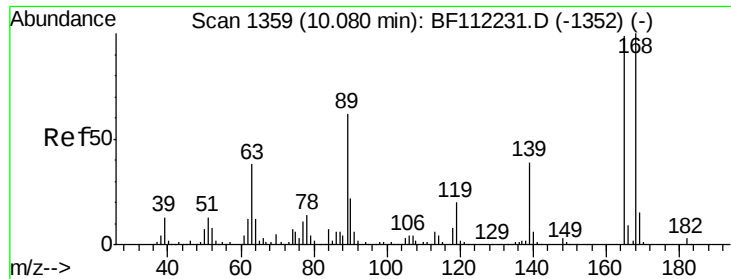
Tgt Ion:168 Resp: 653409
Ion Ratio Lower Upper
168 100
139 44.2 29.2 43.8#
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 56.027 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:139 Resp: 98223
Ion Ratio Lower Upper
139 100
109 80.6 42.8 82.8
65 94.3 66.1 106.1

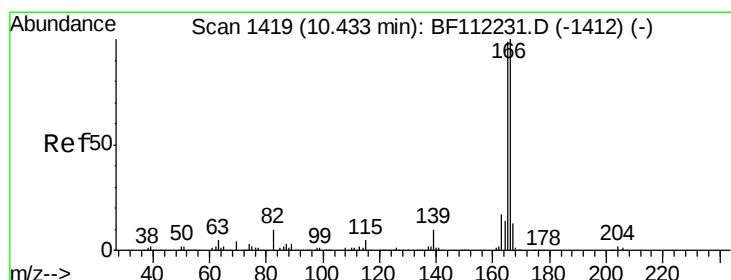
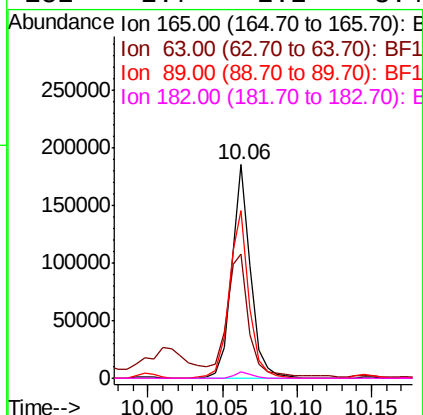
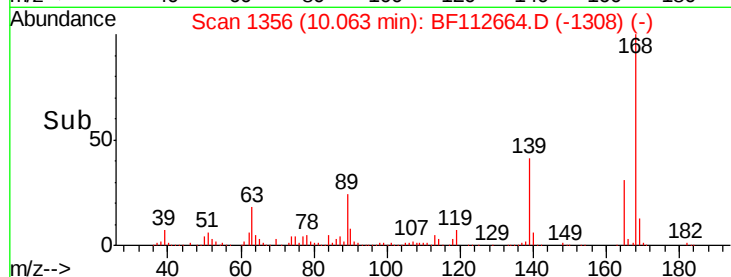
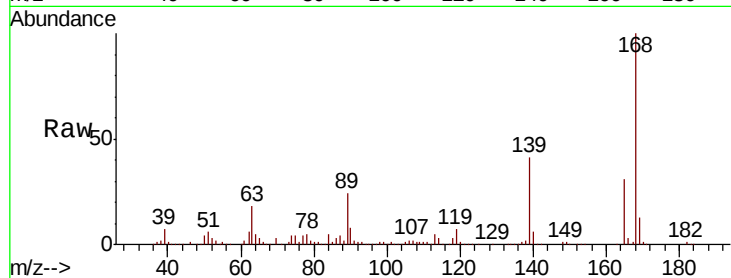




#57
2,4-Dinitrotoluene
Concen: 42.479 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

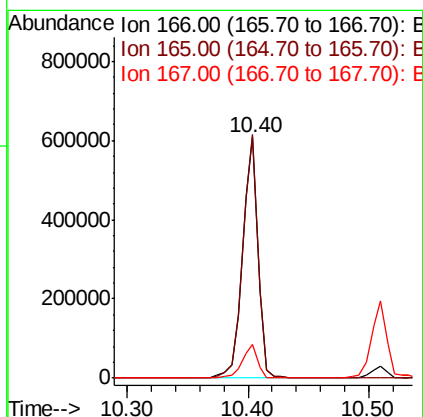
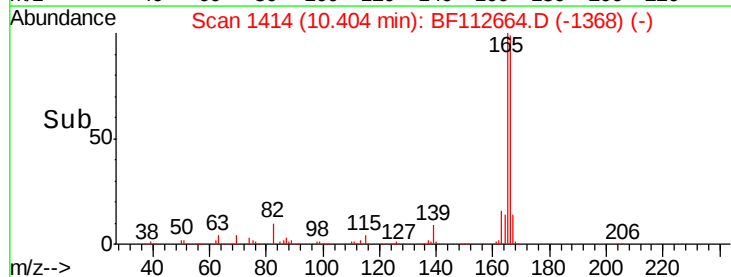
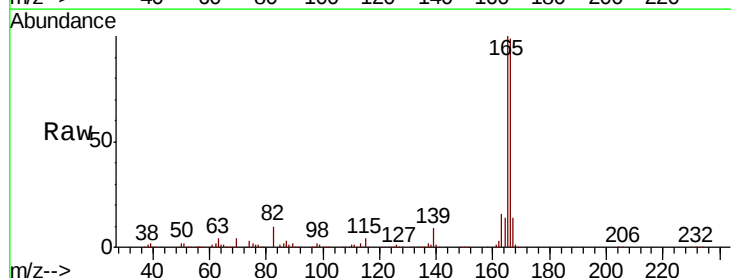
Instrument :
BNA_F
ClientSampleId :
PB117293BS

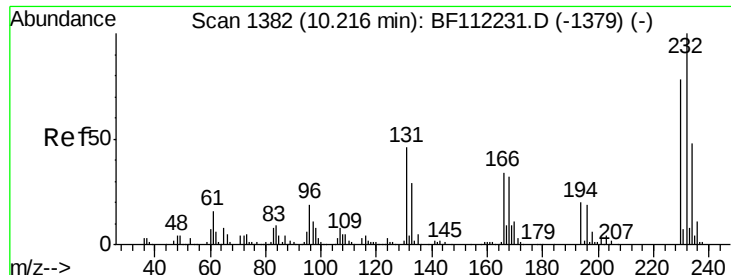
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.3	27.9	41.9#
89	78.3	47.9	71.9#
182	2.7	2.2	3.4



#58
Fluorene
Concen: 45.272 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.1	115.7
167	13.9	11.3	16.9

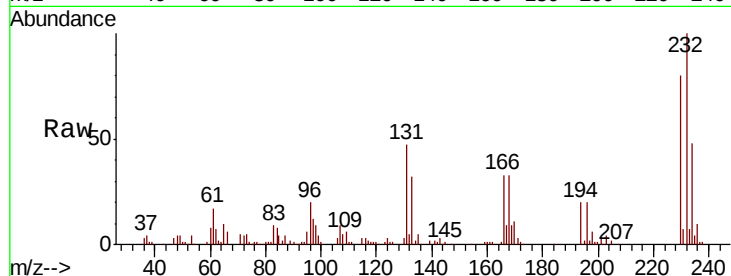




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.208 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.3	33.9	50.9
130	2.8	1.8	2.6
166	34.0	23.6	35.4



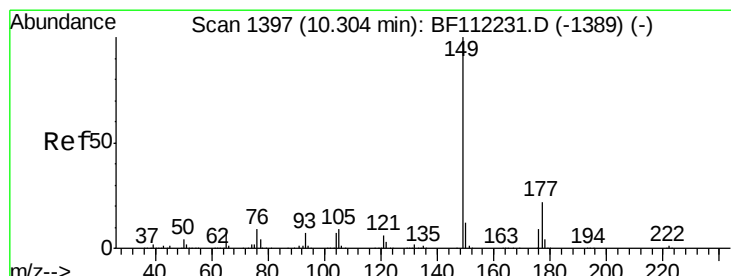
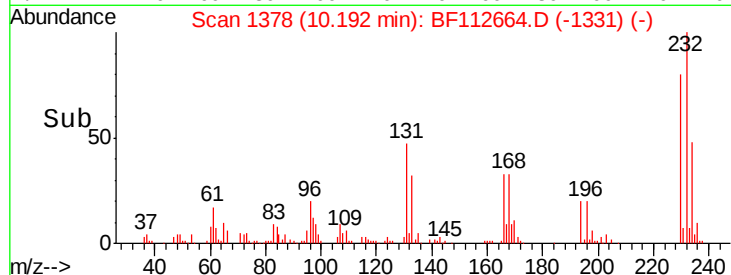
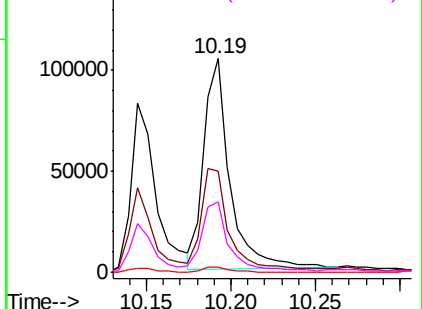
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

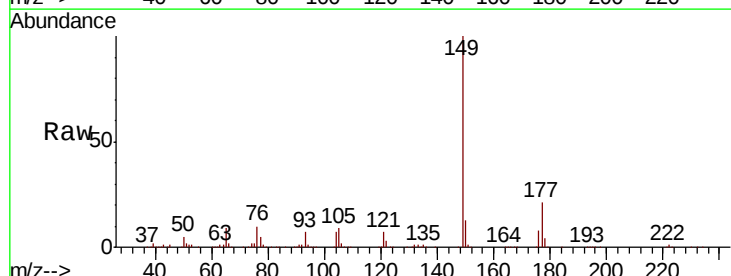
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.375 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	18.2	27.2
150	12.6	10.4	15.6

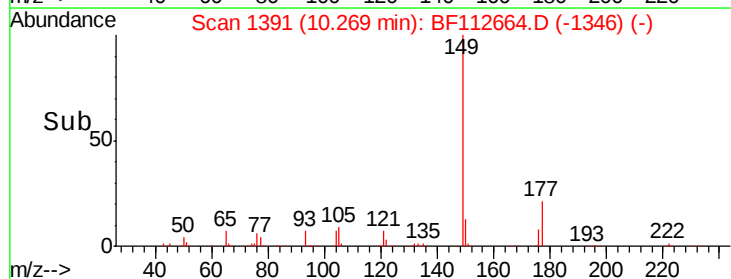
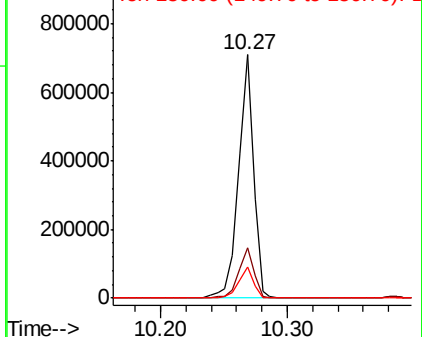


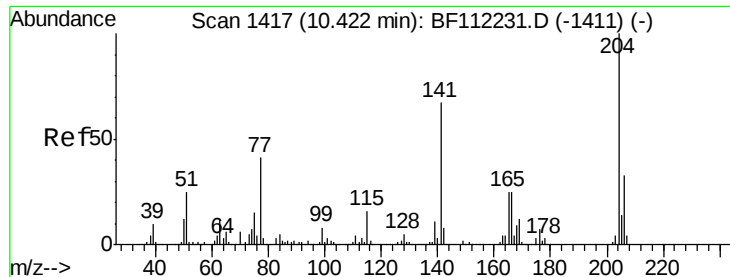
Abundance

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

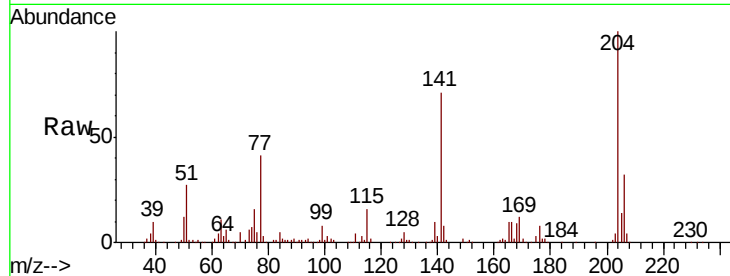




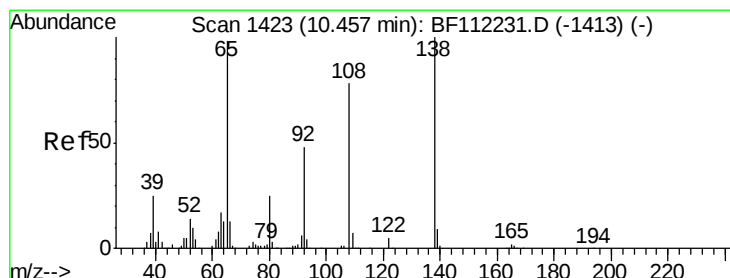
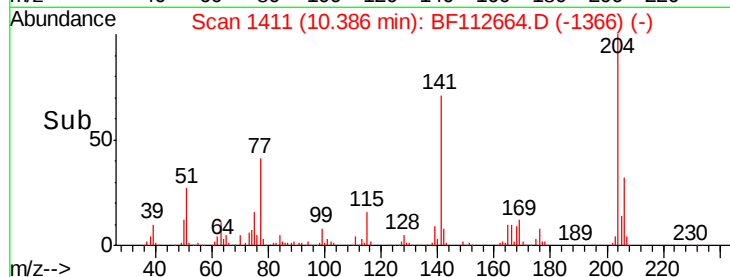
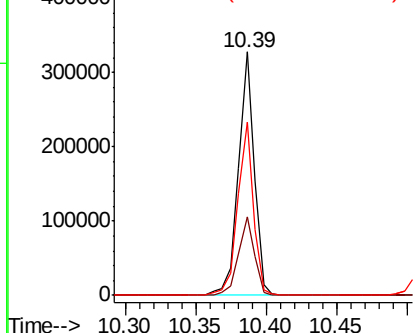
#61
4-Chlorophenyl-phenylether
Concen: 39.530 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tgt Ion:204 Resp: 256756
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 71.4 45.9 68.9#

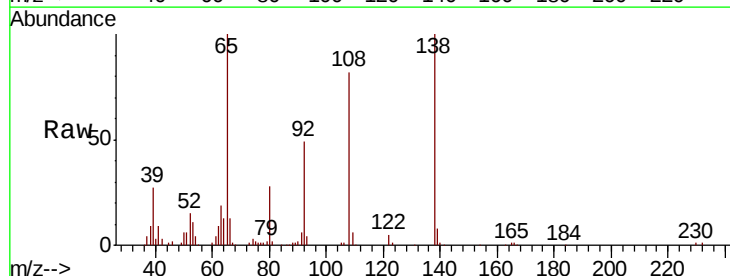


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

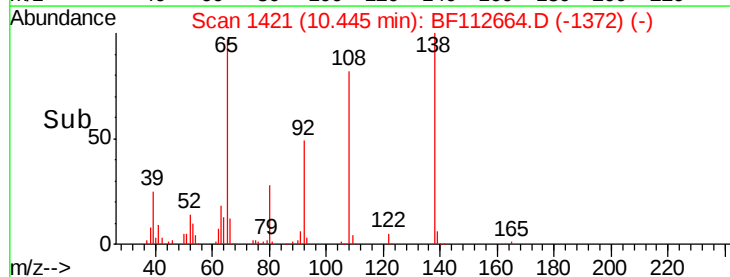
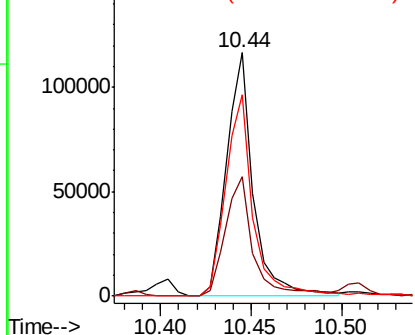


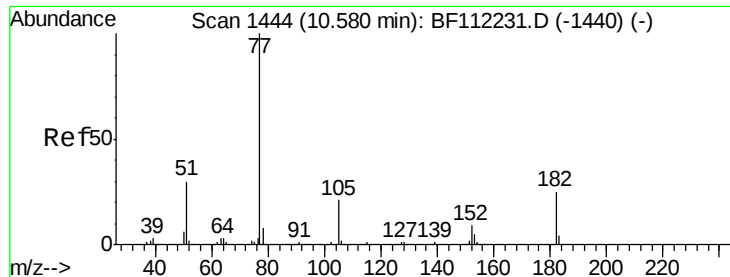
#62
4-Nitroaniline
Concen: 36.999 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:138 Resp: 120341
Ion Ratio Lower Upper
138 100
92 48.9 30.6 70.6
108 82.6 50.0 90.0



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: 42.493 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

Tgt Ion: 77 Resp: 506864

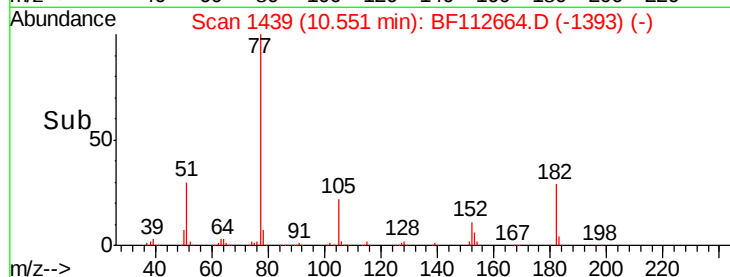
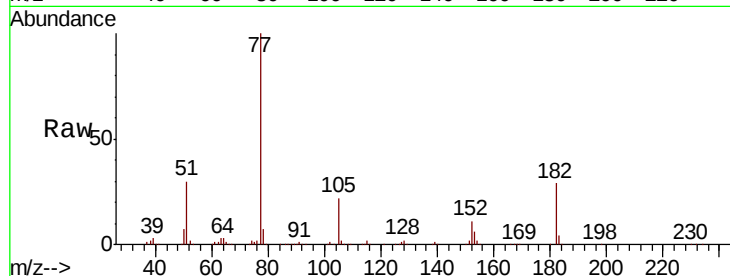
Ion Ratio Lower Upper

77 100

182 28.7 5.7 45.7

105 21.9 1.4 41.4

51 30.2 9.5 49.5

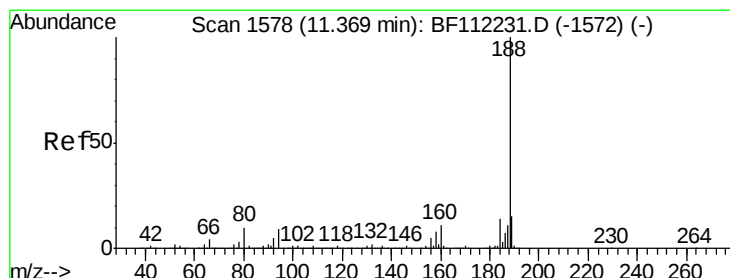
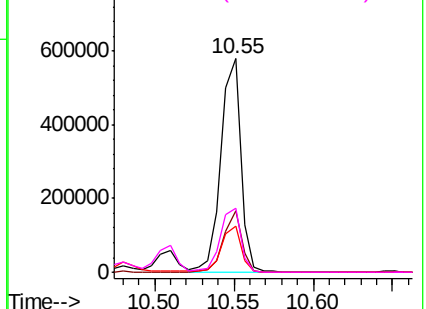


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

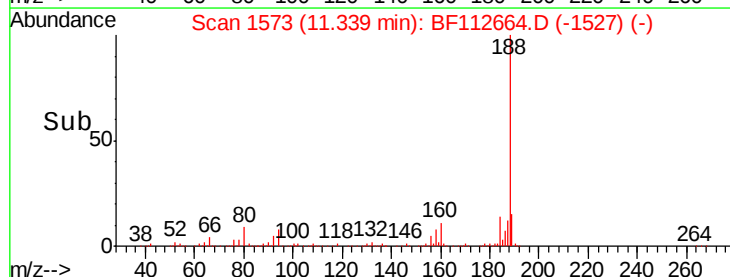
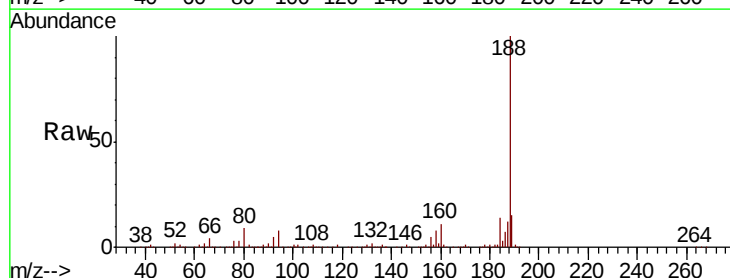
Tgt Ion: 188 Resp: 338770

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

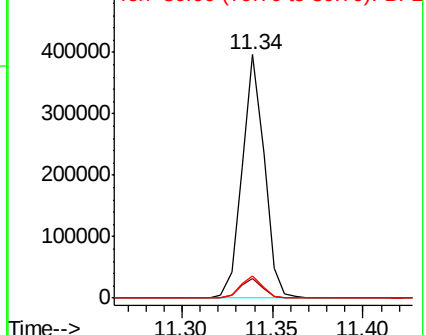
80 9.1 8.9 13.3

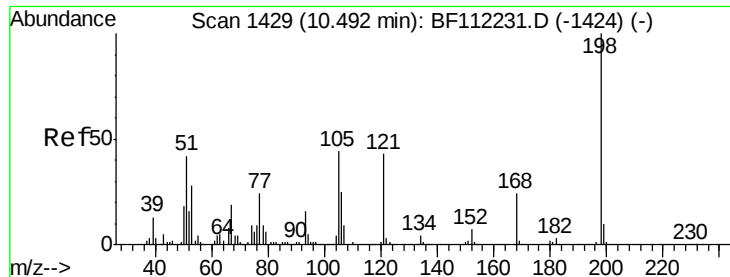


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

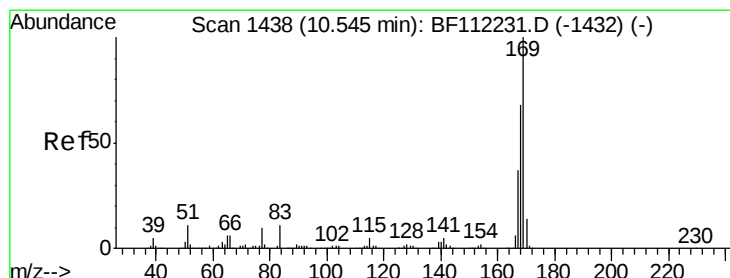
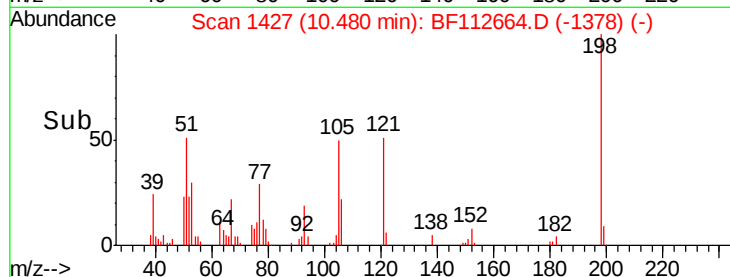
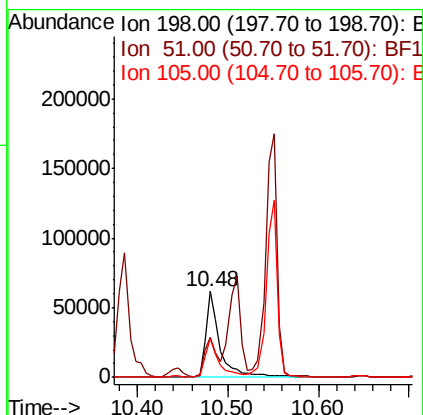
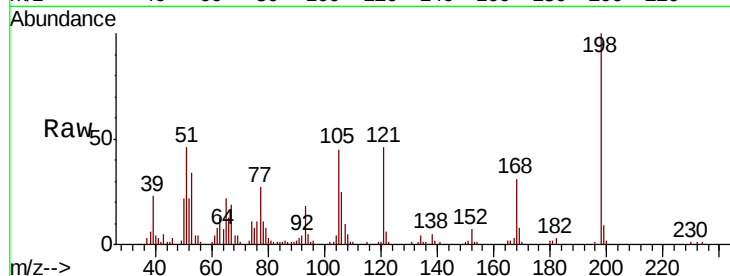




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.230 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

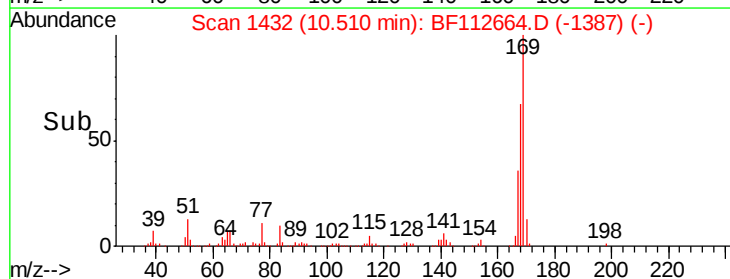
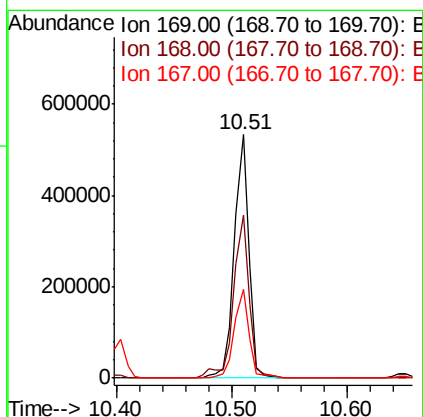
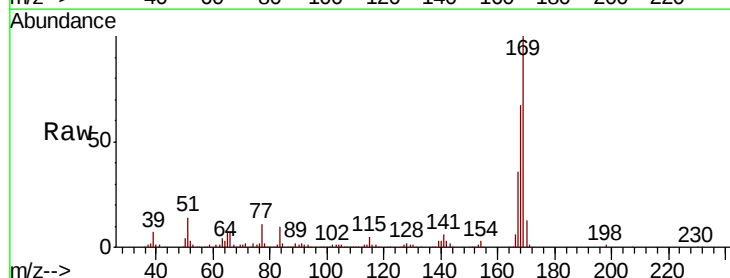
Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

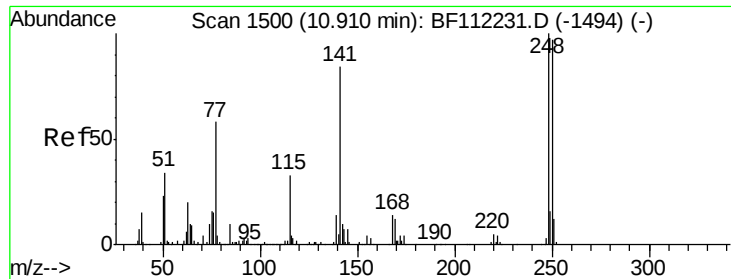
Tgt Ion:198 Resp: 68814
 Ion Ratio Lower Upper
 198 100
 51 46.4 17.2 57.2
 105 44.8 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.906 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:169 Resp: 467043
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.9 80.9
 167 36.4 28.9 43.3

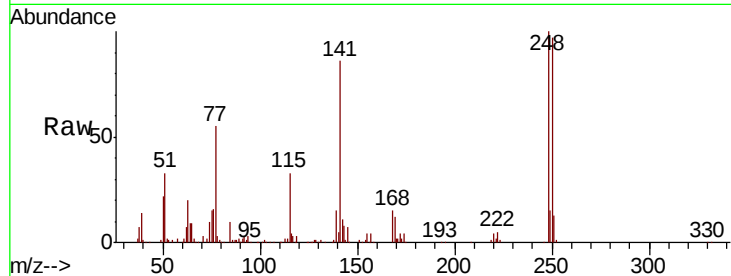




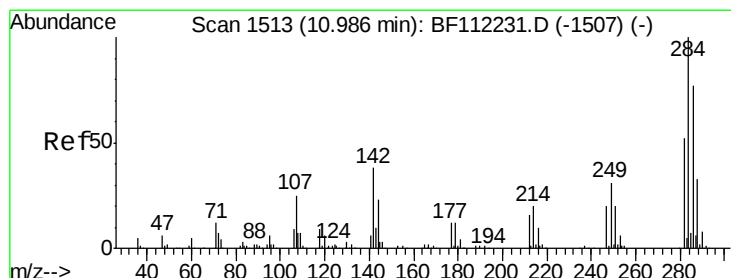
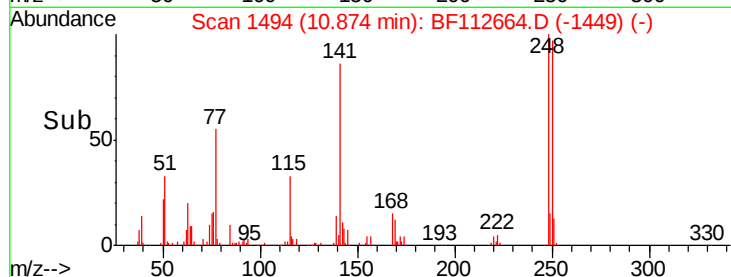
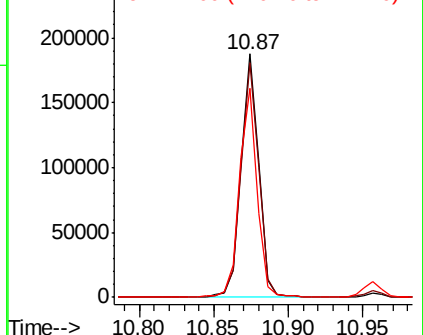
#67
4-Bromophenyl-phenylether
Concen: 39.035 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tgt Ion: 248 Resp: 155532
Ion Ratio Lower Upper
248 100
250 96.5 79.7 119.5
141 86.1 60.3 90.5

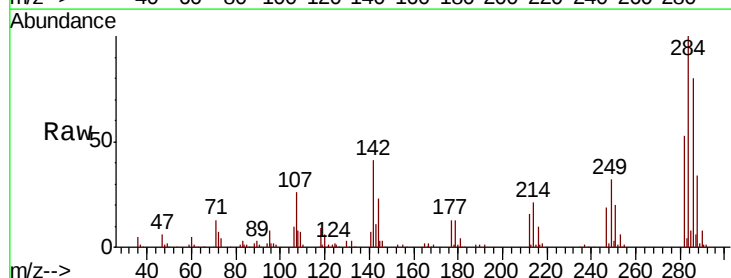


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

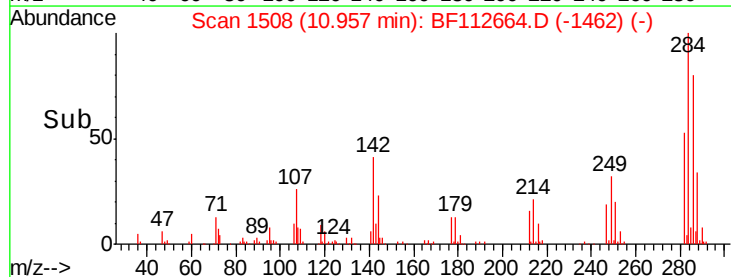
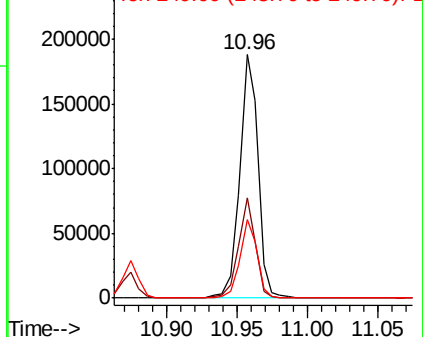


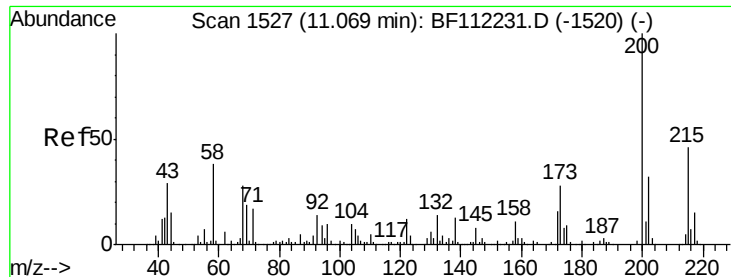
#68
Hexachlorobenzene
Concen: 39.555 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion: 284 Resp: 169092
Ion Ratio Lower Upper
284 100
142 41.3 27.6 41.4
249 32.0 24.1 36.1



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

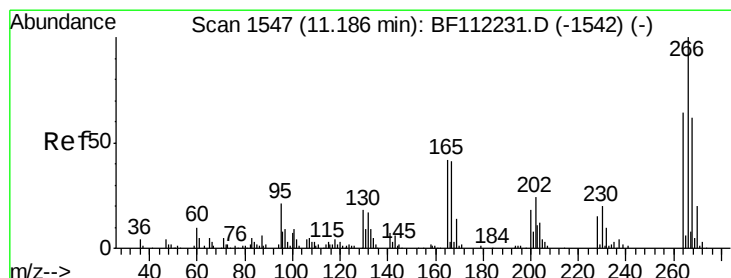
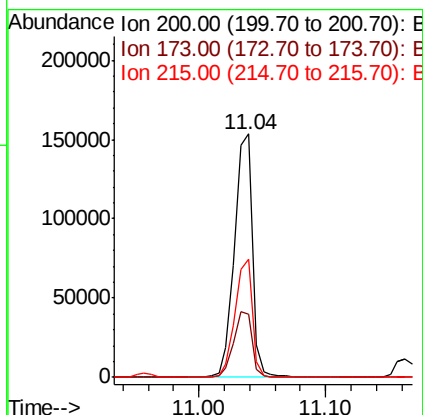
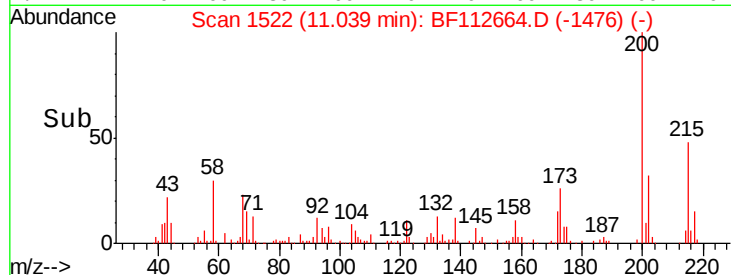
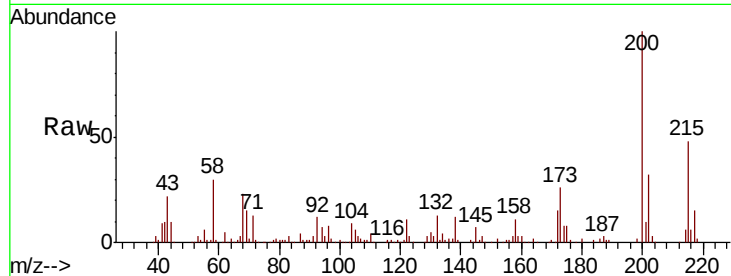




#69
Atrazine
Concen: 40.582 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

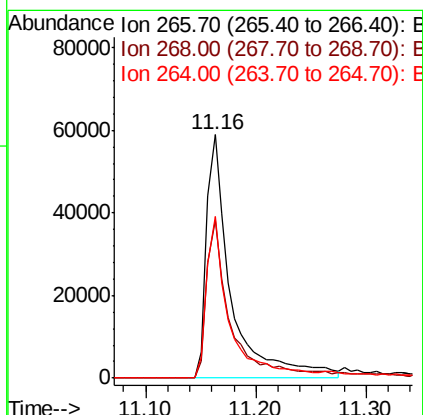
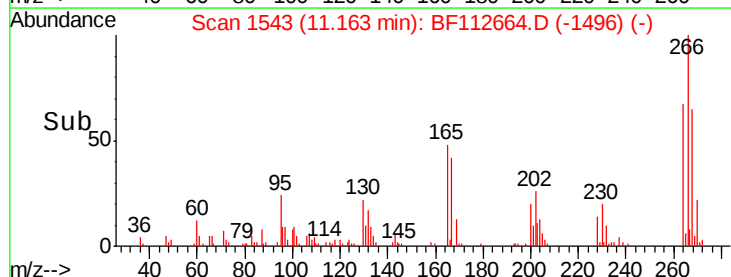
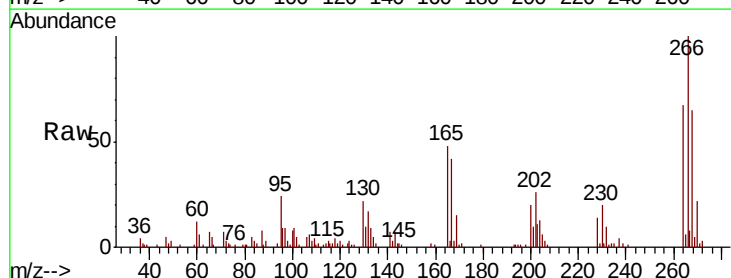
Instrument :
BNA_F
ClientSampleId :
PB117293BS

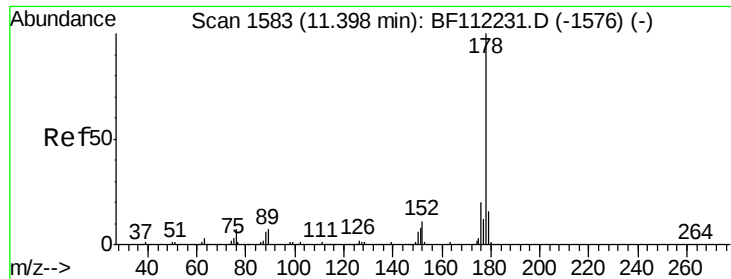
Tgt Ion:200 Resp: 149506
Ion Ratio Lower Upper
200 100
173 25.9 7.1 47.1
215 48.3 30.4 70.4



#70
Pentachlorophenol
Concen: 53.877 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:266 Resp: 89617
Ion Ratio Lower Upper
266 100
268 65.1 51.2 76.8
264 66.5 50.9 76.3

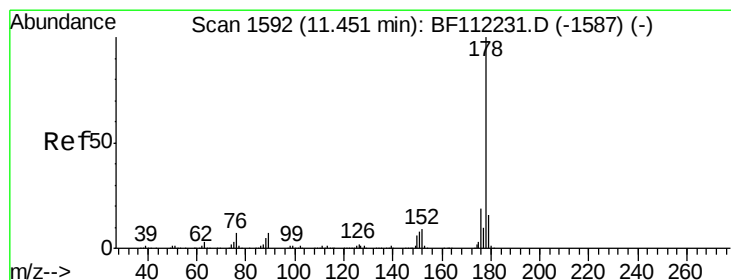
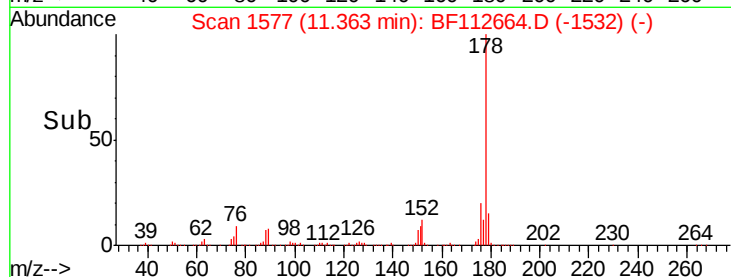
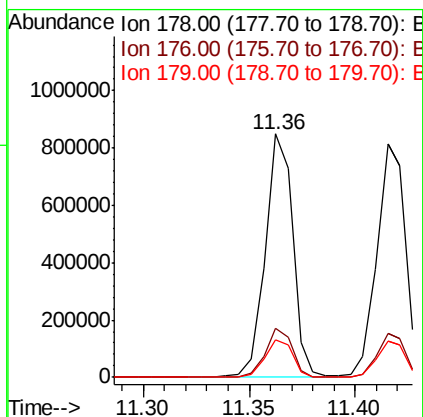
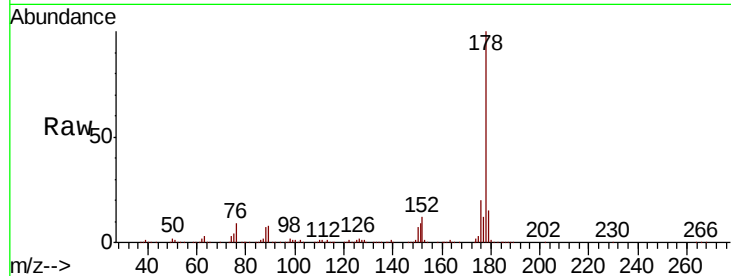




#71
Phenanthrene
Concen: 43.936 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

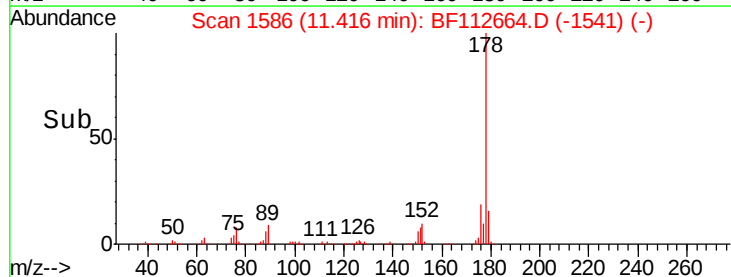
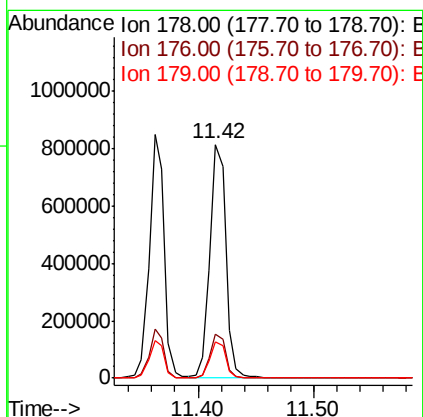
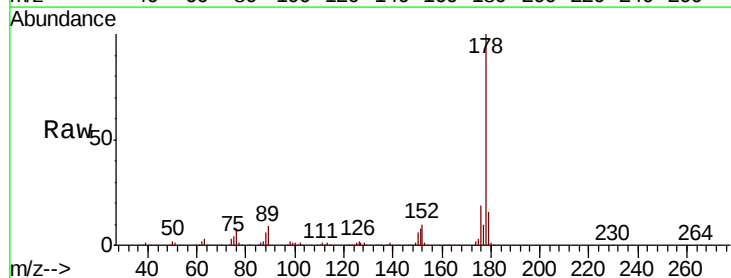
Instrument :
BNA_F
ClientSampleId :
PB117293BS

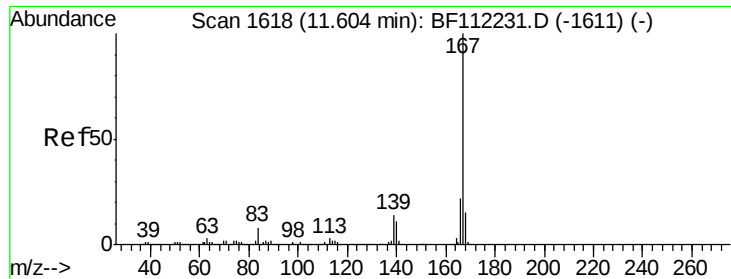
Tgt Ion:178 Resp: 773811
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 15.4 13.0 19.4



#72
Anthracene
Concen: 45.197 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:178 Resp: 792930
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.5 12.8 19.2

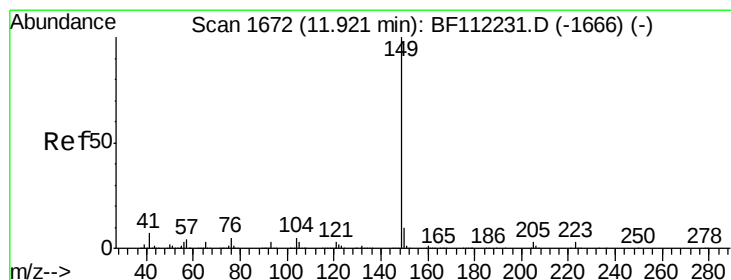
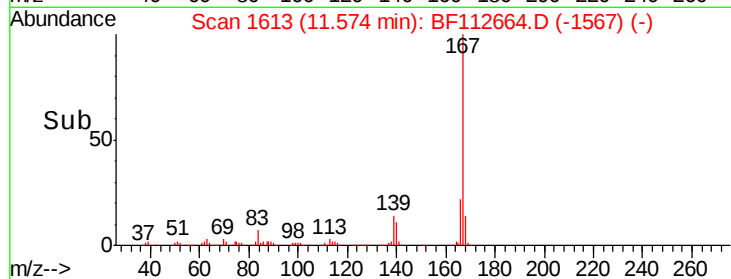
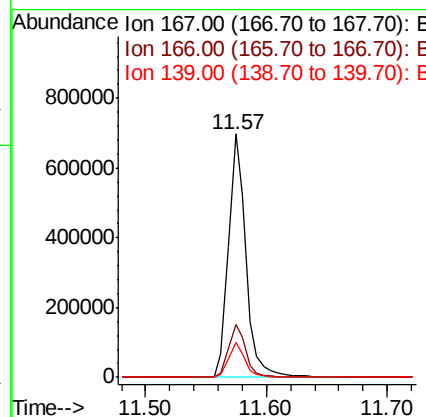
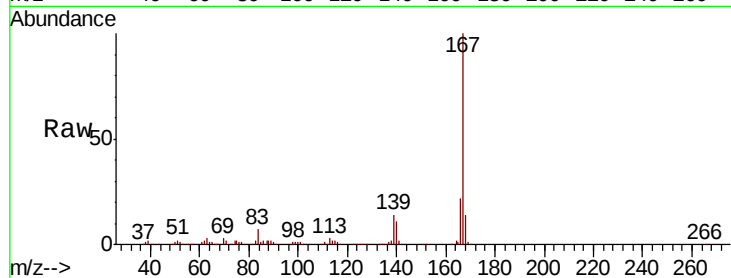




#73
 Carbazole
 Concen: 40.176 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

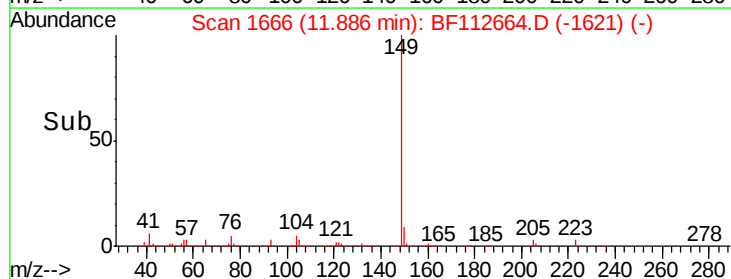
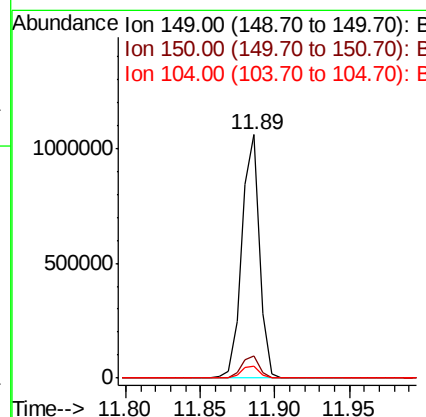
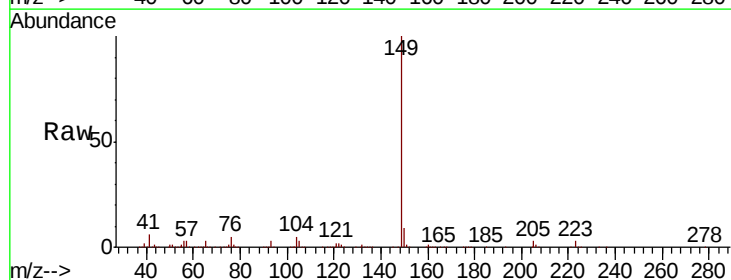
Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

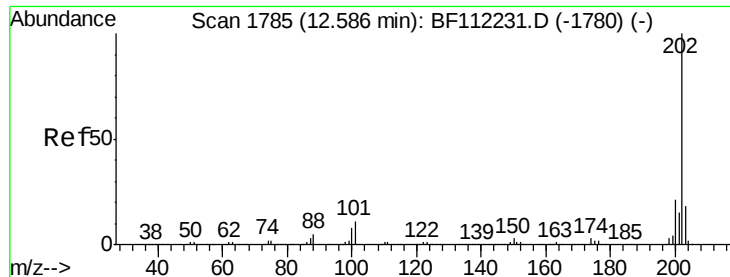
Tgt Ion:167 Resp: 695279
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 14.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.209 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:149 Resp: 885181
 Ion Ratio Lower Upper
 149 100
 150 9.2 8.1 12.1
 104 5.1 3.9 5.9

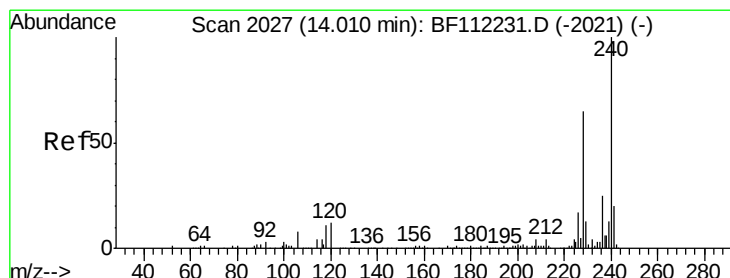
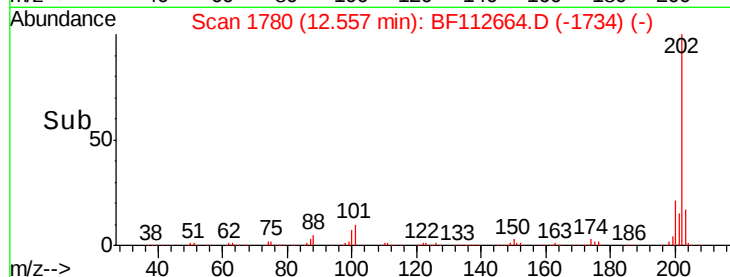
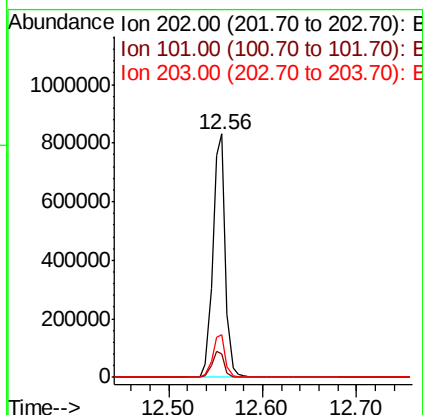
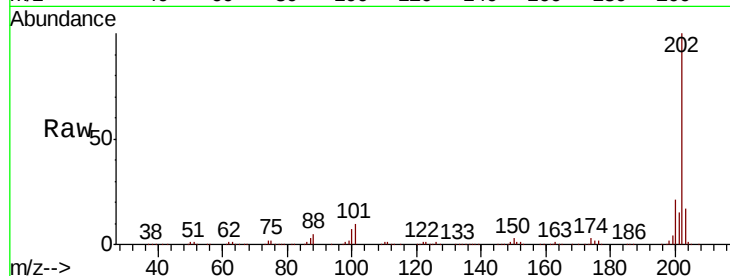




#75
 Fluoranthene
 Concen: 41.585 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

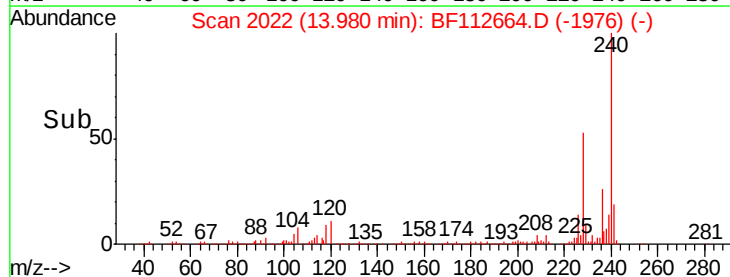
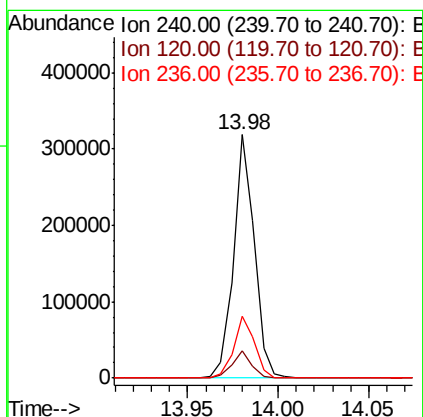
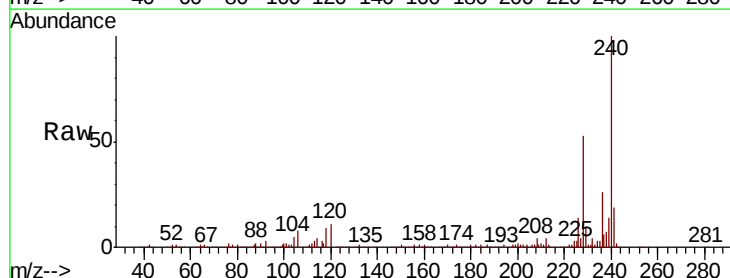
Instrument :
 BNA_F
 ClientSampleID :
 PB117293BS

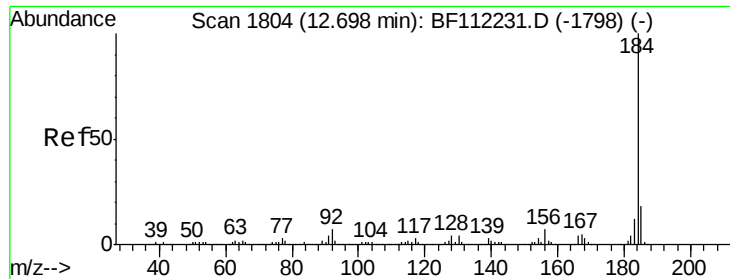
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	785536		
101	9.8		0.0	31.8
203	17.4		0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	254982		
120	11.1		9.0	13.6
236	25.6		20.7	31.1

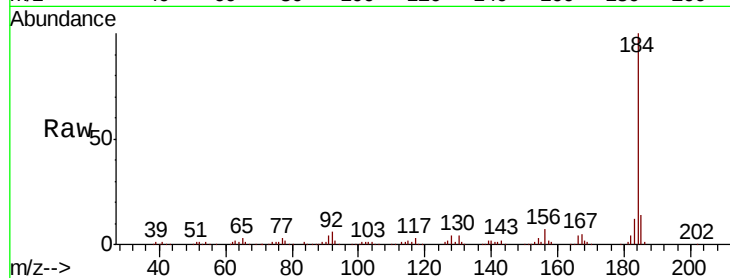




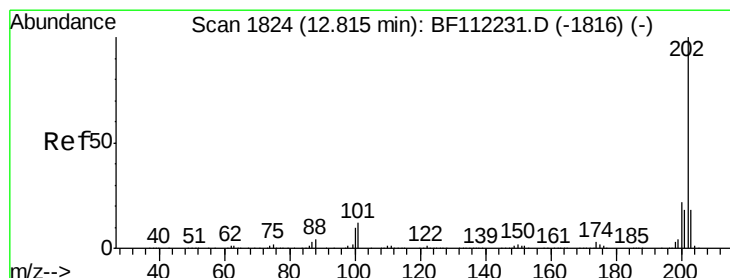
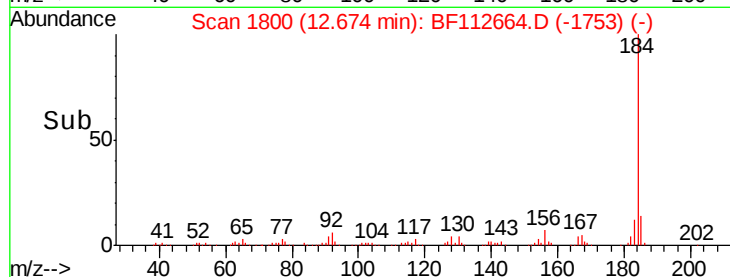
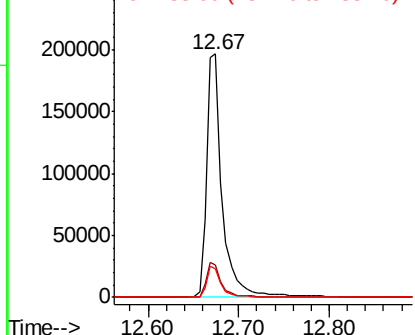
#77
Benzidine
Concen: 34.325 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tgt Ion:184 Resp: 240889
Ion Ratio Lower Upper
184 100
185 13.5 13.9 20.9#
183 11.7 10.0 15.0

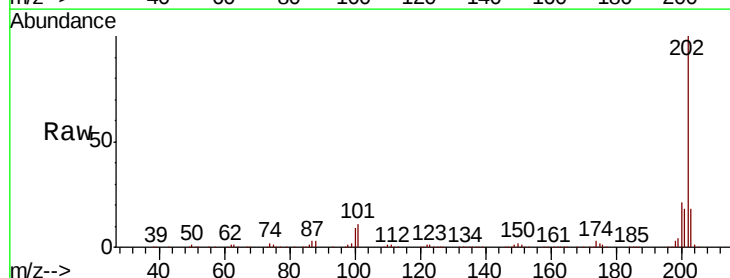


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

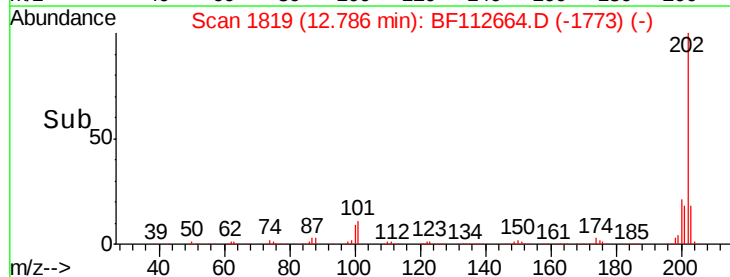
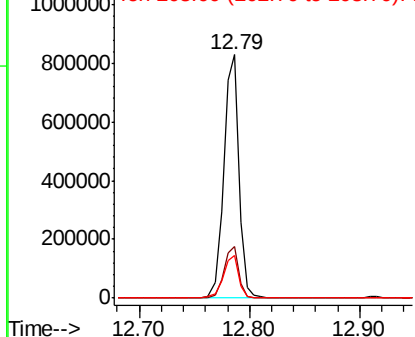


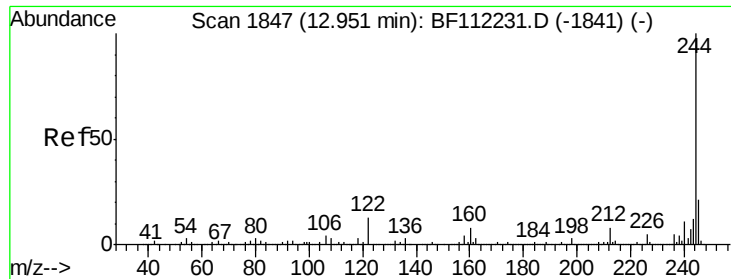
#78
Pyrene
Concen: 45.018 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:202 Resp: 794734
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.7 14.6 22.0



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

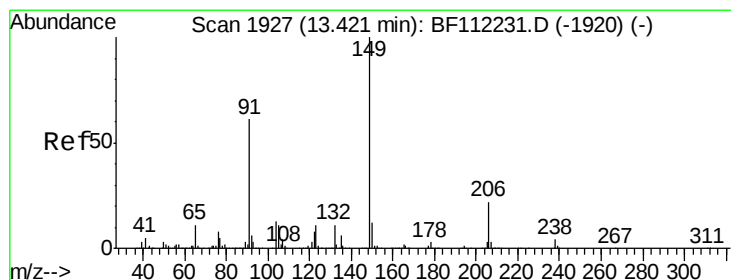
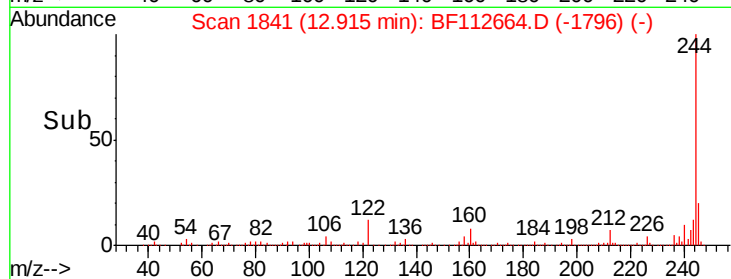
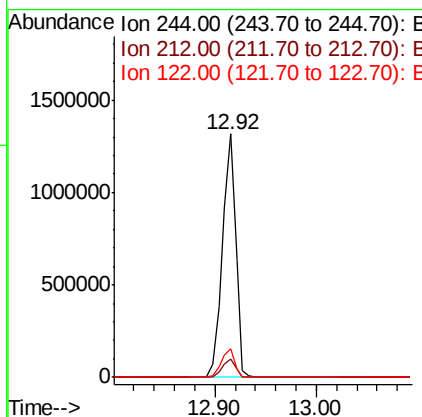
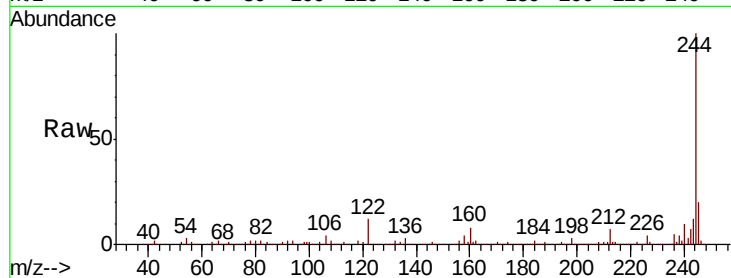




#79
 Terphenyl-d14
 Concen: 88.416 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

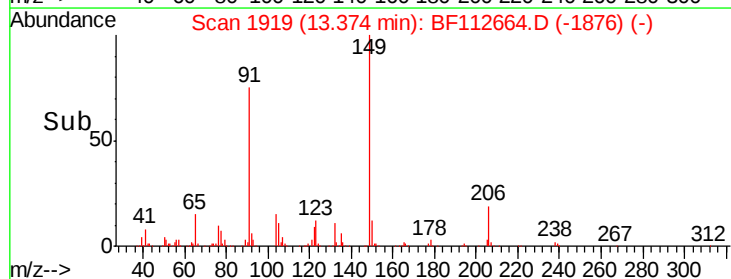
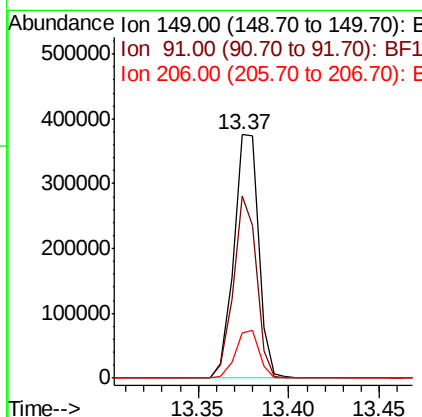
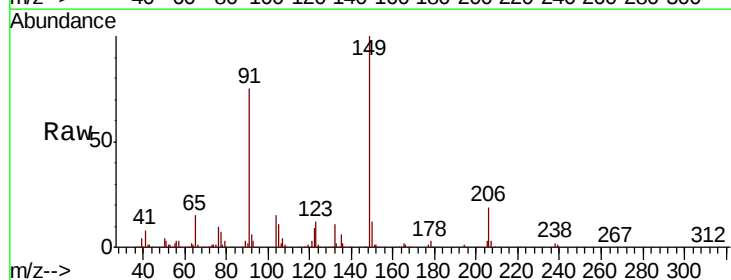
Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

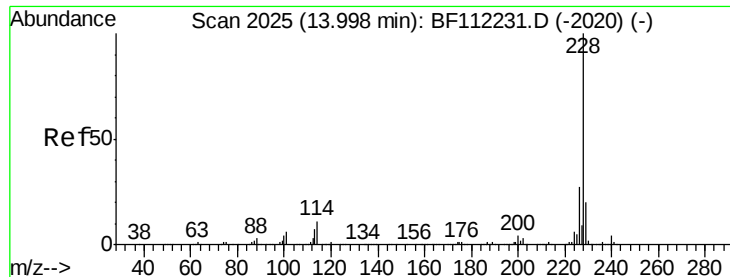
Tgt Ion:244 Resp: 1196981
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.8 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 42.135 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.05 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:149 Resp: 359882
 Ion Ratio Lower Upper
 149 100
 91 74.6 50.3 75.5
 206 18.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 43.015 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

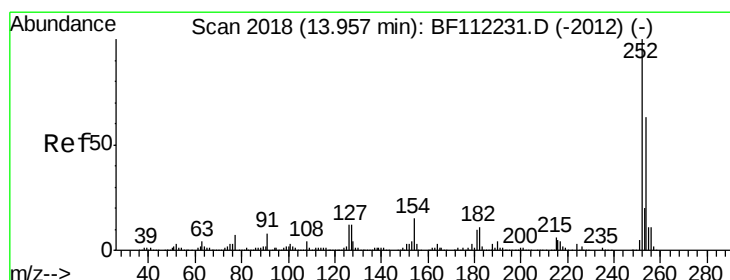
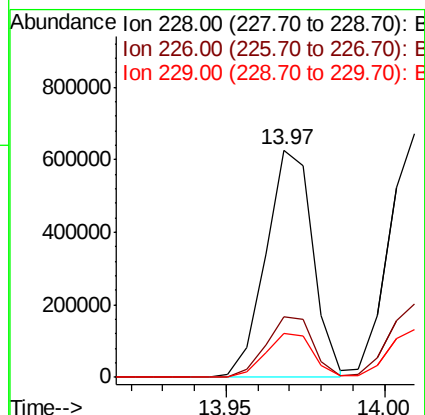
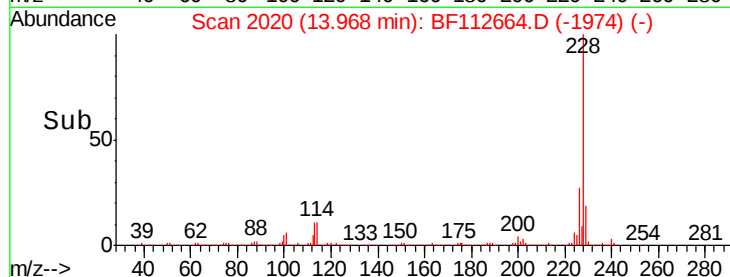
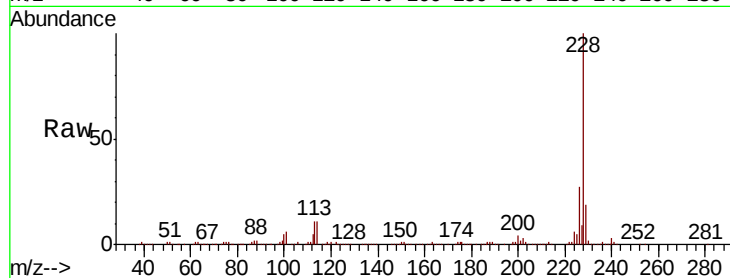
Tgt Ion:228 Resp: 644761

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

229 19.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 26.812 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

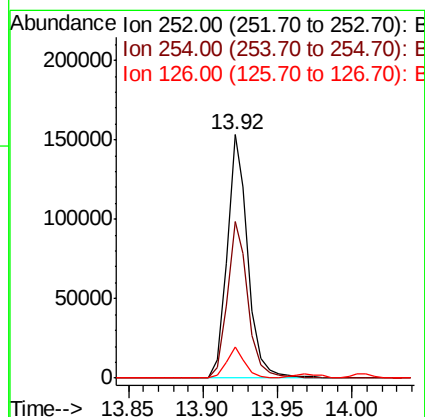
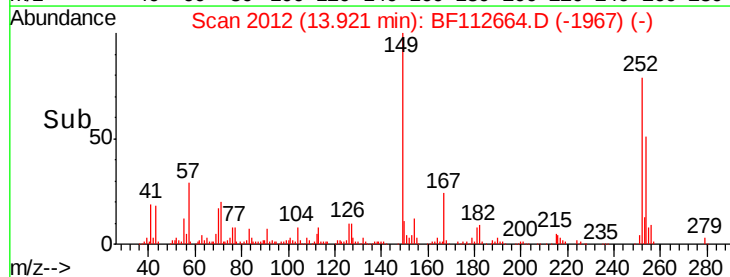
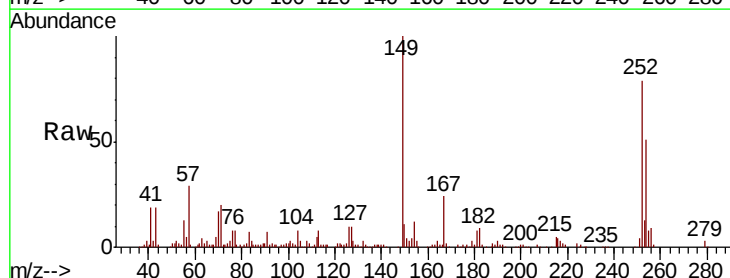
Tgt Ion:252 Resp: 150407

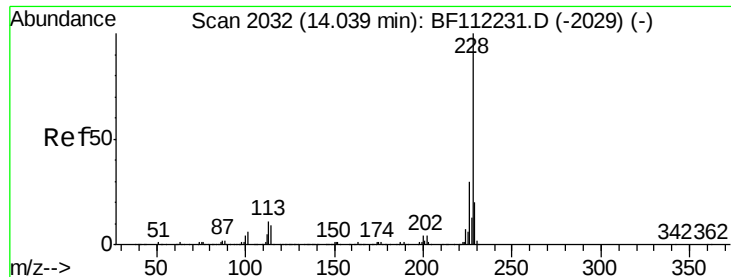
Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

126 12.6 8.6 12.8





#83

Chrysene

Concen: 41.578 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

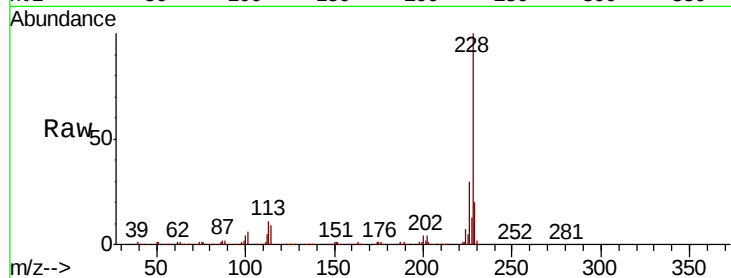
Tgt Ion:228 Resp: 594902

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

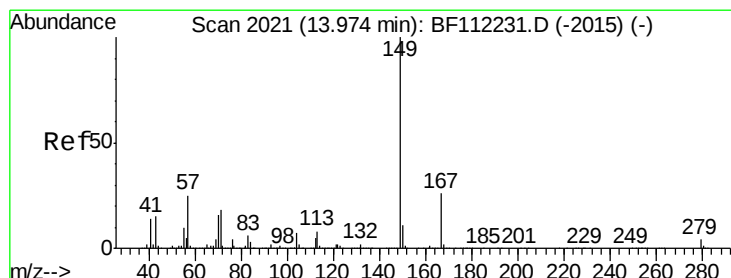
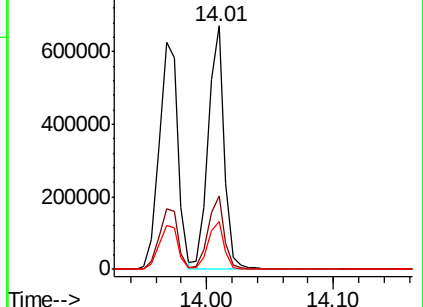
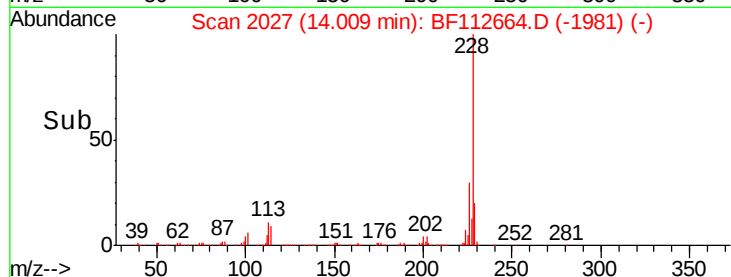
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.285 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.05 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

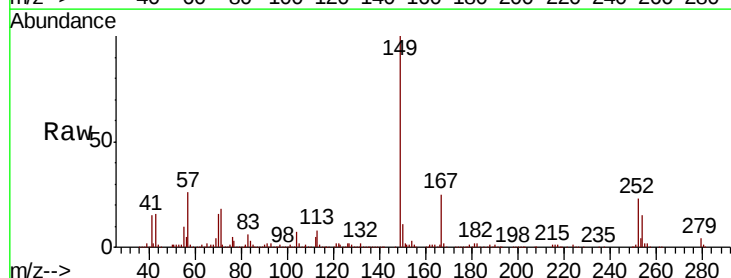
Tgt Ion:149 Resp: 476290

Ion Ratio Lower Upper

149 100

167 25.0 22.5 33.7

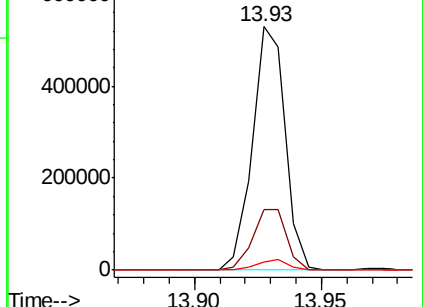
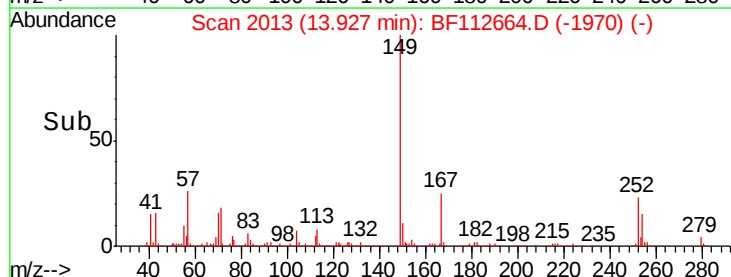
279 3.5 3.8 5.6#

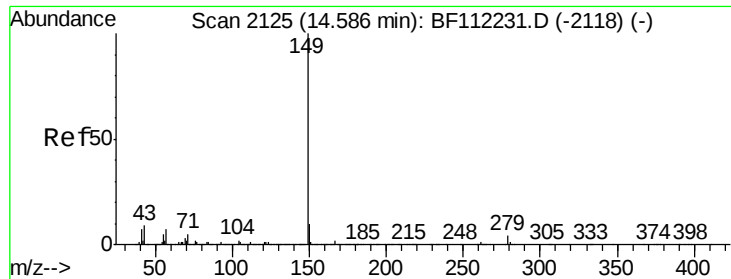


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.407 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.05 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

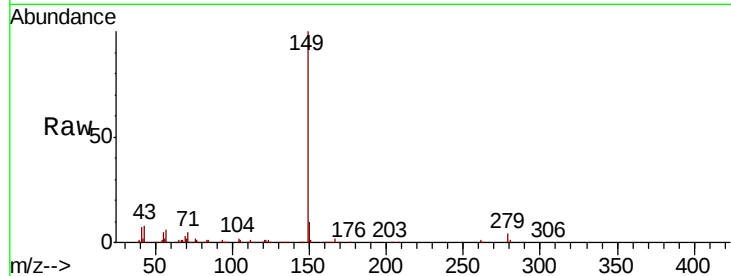
Tgt Ion:149 Resp: 735067

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

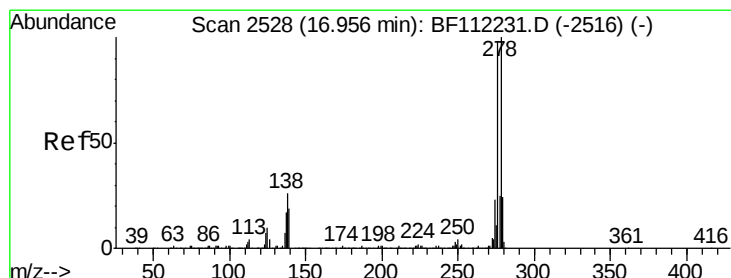
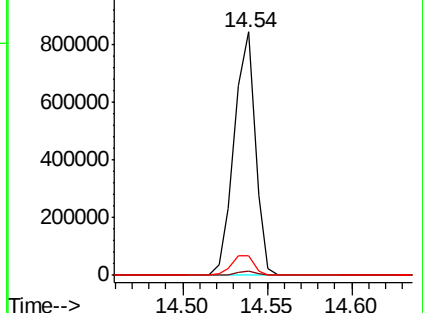
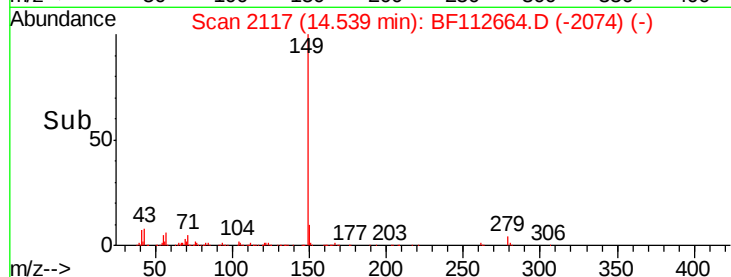
43 8.8 7.8 11.6



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: 37.282 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

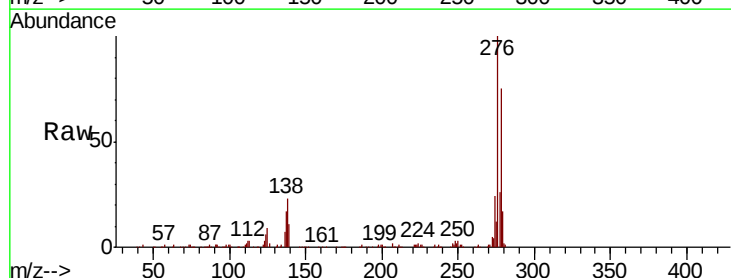
Tgt Ion:276 Resp: 422674

Ion Ratio Lower Upper

276 100

138 24.2 22.6 34.0

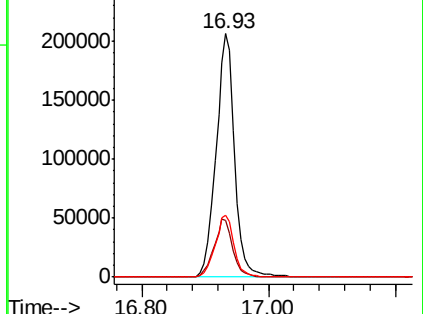
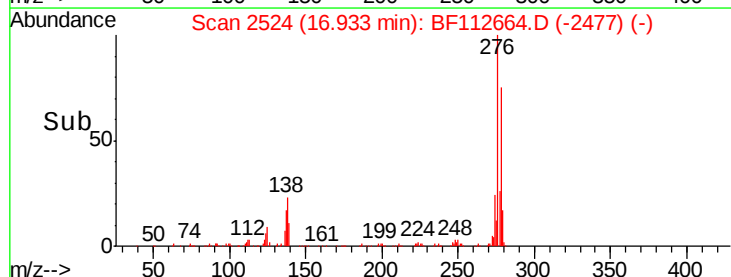
277 25.9 20.3 30.5

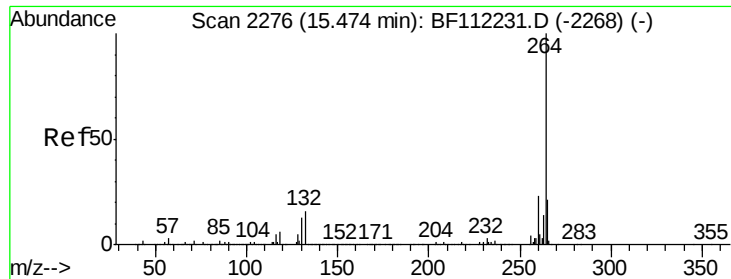


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

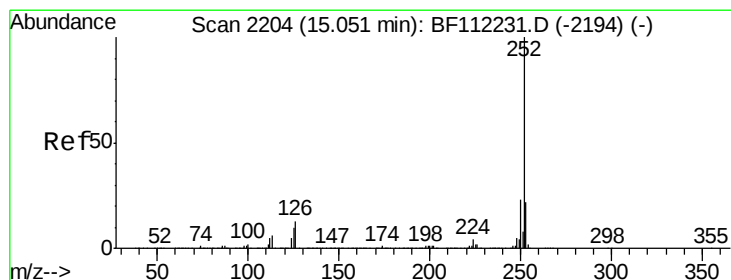
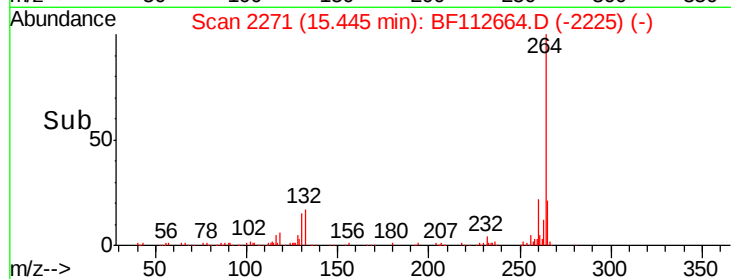
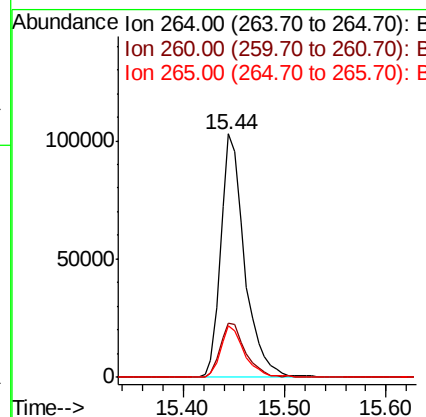
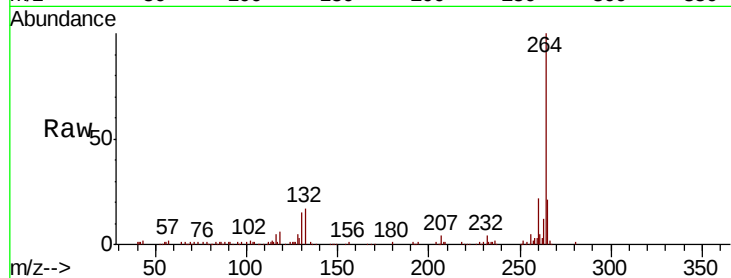




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

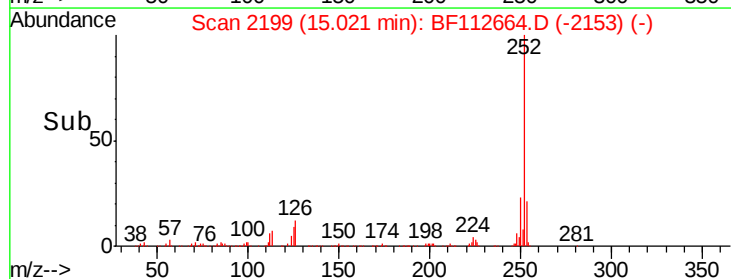
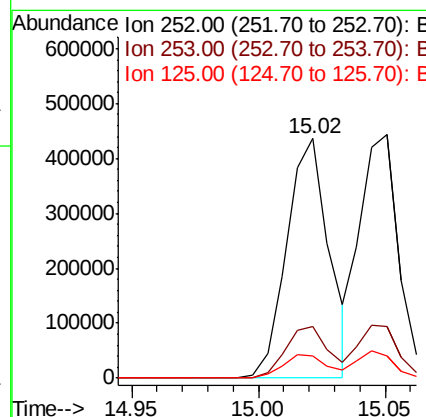
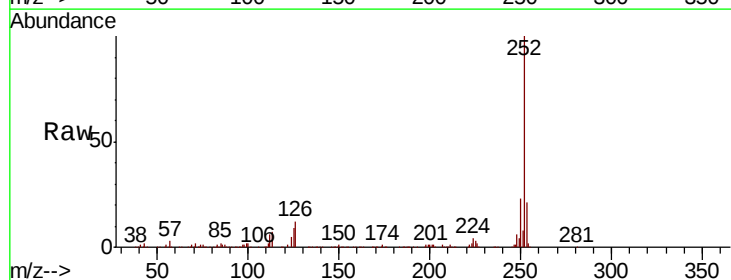
Instrument :
BNA_F
ClientSampleId :
PB117293BS

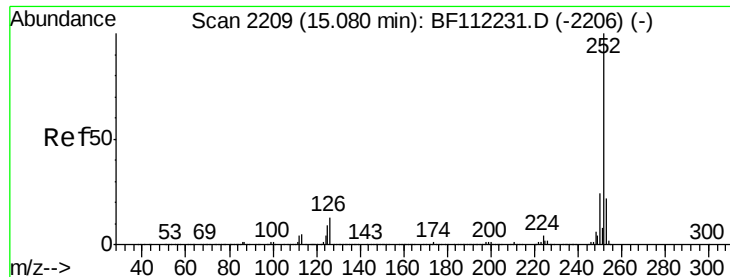
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	21.3	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 50.511 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	9.4	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 49.691 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

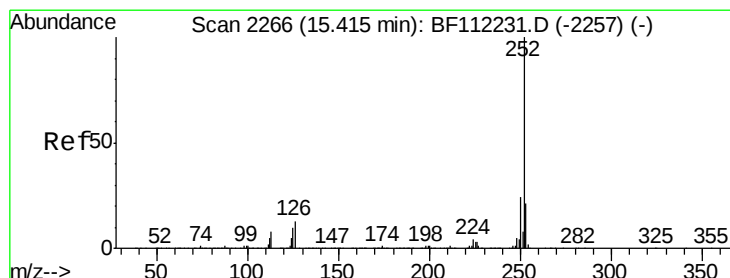
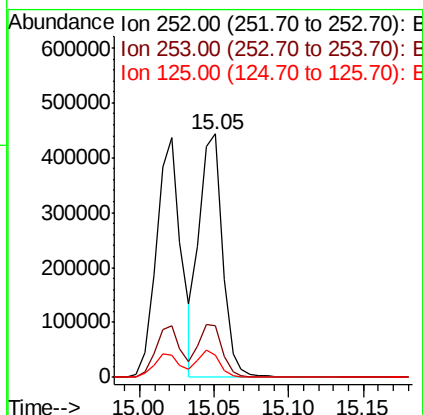
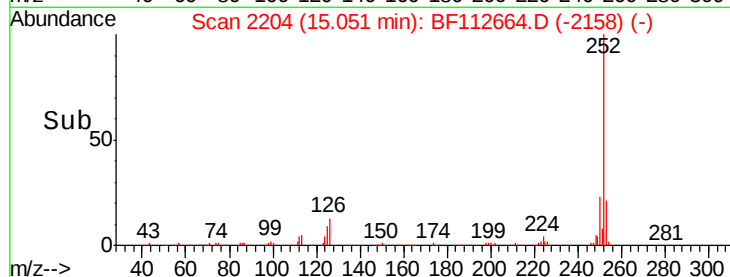
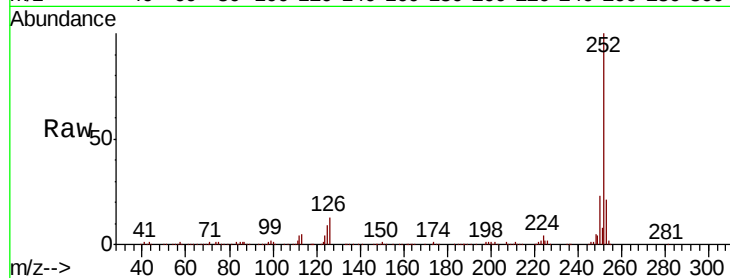
Tgt Ion:252 Resp: 476888

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 9.2 9.1 13.7



#90

Benzo(a)pyrene

Concen: 49.095 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

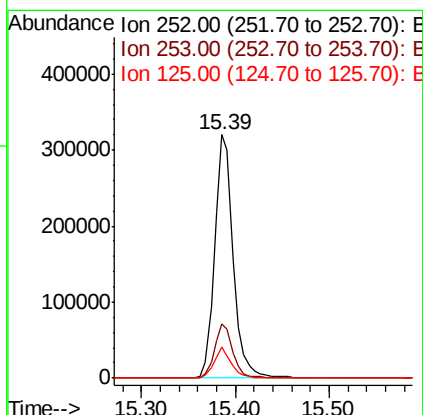
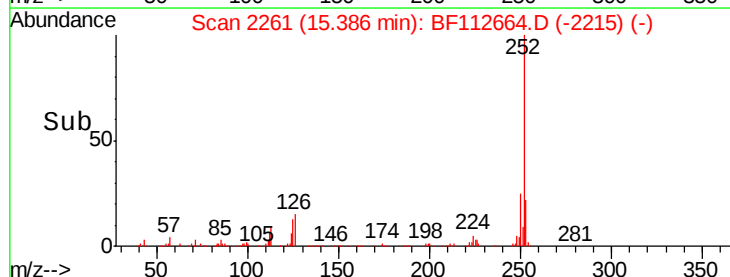
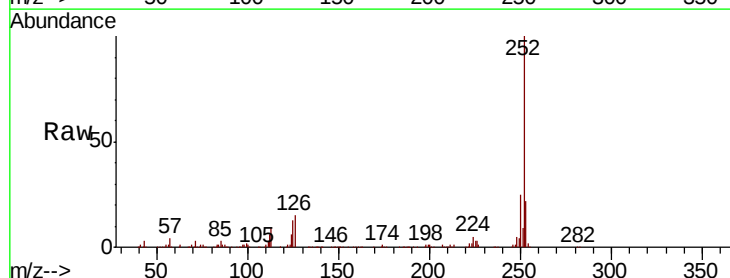
Tgt Ion:252 Resp: 442610

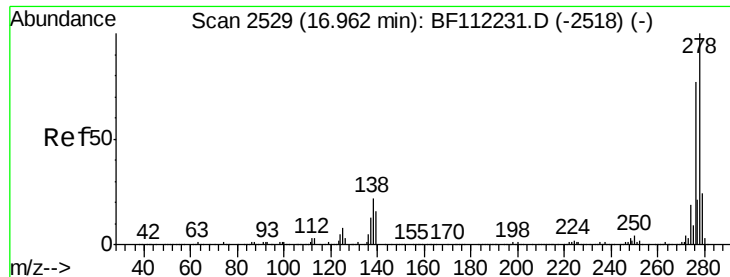
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 48.656 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

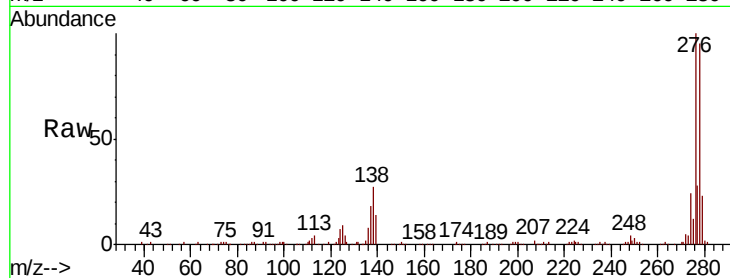
Tgt Ion:278 Resp: 353531

Ion Ratio Lower Upper

278 100

139 15.2 13.7 20.5

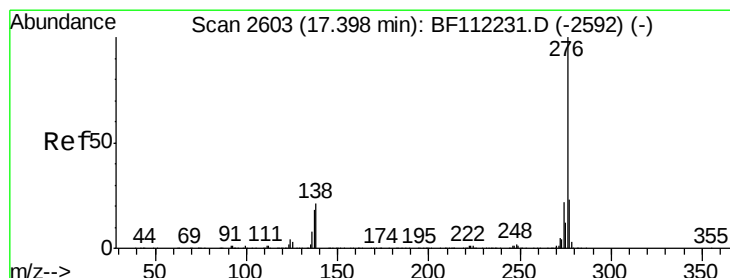
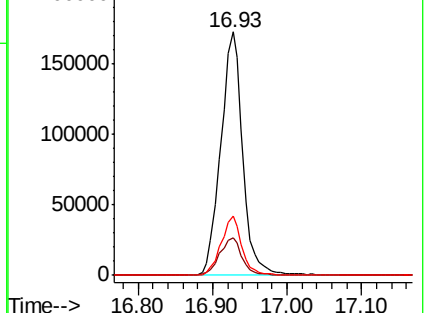
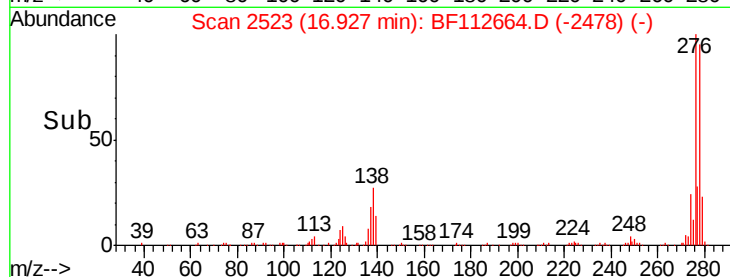
279 24.3 19.0 28.6



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: 50.335 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

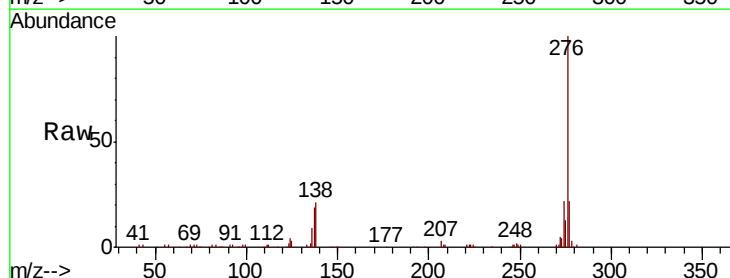
Tgt Ion:276 Resp: 345045

Ion Ratio Lower Upper

276 100

277 21.6 19.4 29.0

138 20.8 19.1 28.7



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

