

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108286.D
 Acq On : 20 Aug 2018 13:32
 Operator : JU/SJ
 Sample : PB112189BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Quant Time: Aug 20 15:07:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	174697	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	711708	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	363186	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	726977	20.00	ng	0.00
75) Chrysene-d12	14.22	240	572785	20.00	ng	0.00
86) Perylene-d12	15.78	264	415106	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	1408314	145.95	ng	0.03
7) Phenol-d6	6.65	99	1913877	149.26	ng	0.02
23) Nitrobenzene-d5	7.58	82	995471	78.05	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	584753	161.41	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1920584	84.90	ng	0.00
78) Terphenyl-d14	13.15	244	2089617	92.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	176146	35.526	ng	89
3) Pyridine	3.77	79	491490	38.481	ng	91
4) n-Nitrosodimethylamine	3.73	42	259719	36.138	ng	# 84
6) Aniline	6.68	93	552297	31.665	ng	97
8) 2-Chlorophenol	6.81	128	473133	43.535	ng	96
9) Benzaldehyde	6.57	77	248136	24.959	ng	98
10) Phenol	6.66	94	594717	44.838	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	458902	42.796	ng	92
12) 1,3-Dichlorobenzene	6.96	146	532813	42.401	ng	99
13) 1,4-Dichlorobenzene	7.04	146	533217	42.234	ng	97
14) 1,2-Dichlorobenzene	7.19	146	494841	42.137	ng	97
15) Benzyl Alcohol	7.15	79	378671	35.079	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	850514	38.502	ng	99
17) 2-Methylphenol	7.26	107	434532	46.625	ng	94
18) Hexachloroethane	7.53	117	194185	43.202	ng	90
19) n-Nitroso-di-n-propylamine	7.42	70	359777	41.491	ng	92
20) 3+4-Methylphenols	7.41	107	516228	43.224	ng	# 87
22) Acetophenone	7.42	105	688053	41.345	ng	# 93
24) Nitrobenzene	7.60	77	535341	41.508	ng	96
25) Isophorone	7.84	82	985500	40.539	ng	97
26) 2-Nitrophenol	7.91	139	236818	48.622	ng	90
27) 2,4-Dimethylphenol	7.94	122	458740	42.517	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	589475	41.537	ng	100
29) 2,4-Dichlorophenol	8.15	162	432672	43.575	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	459409	41.965	ng	96
31) Naphthalene	8.32	128	1391753	42.999	ng	99
32) Benzoic acid	8.07	122	196723	33.483	ng	93
33) 4-Chloroaniline	8.37	127	365190	25.890	ng	98
34) Hexachlorobutadiene	8.43	225	295301	42.610	ng	98
35) Caprolactam	8.78	113	35956	11.556	ng	87
36) 4-Chloro-3-methylphenol	8.85	107	447012	41.732	ng	99
37) 2-Methylnaphthalene	9.02	142	961701	41.996	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	486863	43.653	ng	98
40) Hexachlorocyclopentadiene	9.17	237	501206	69.574	ng	97

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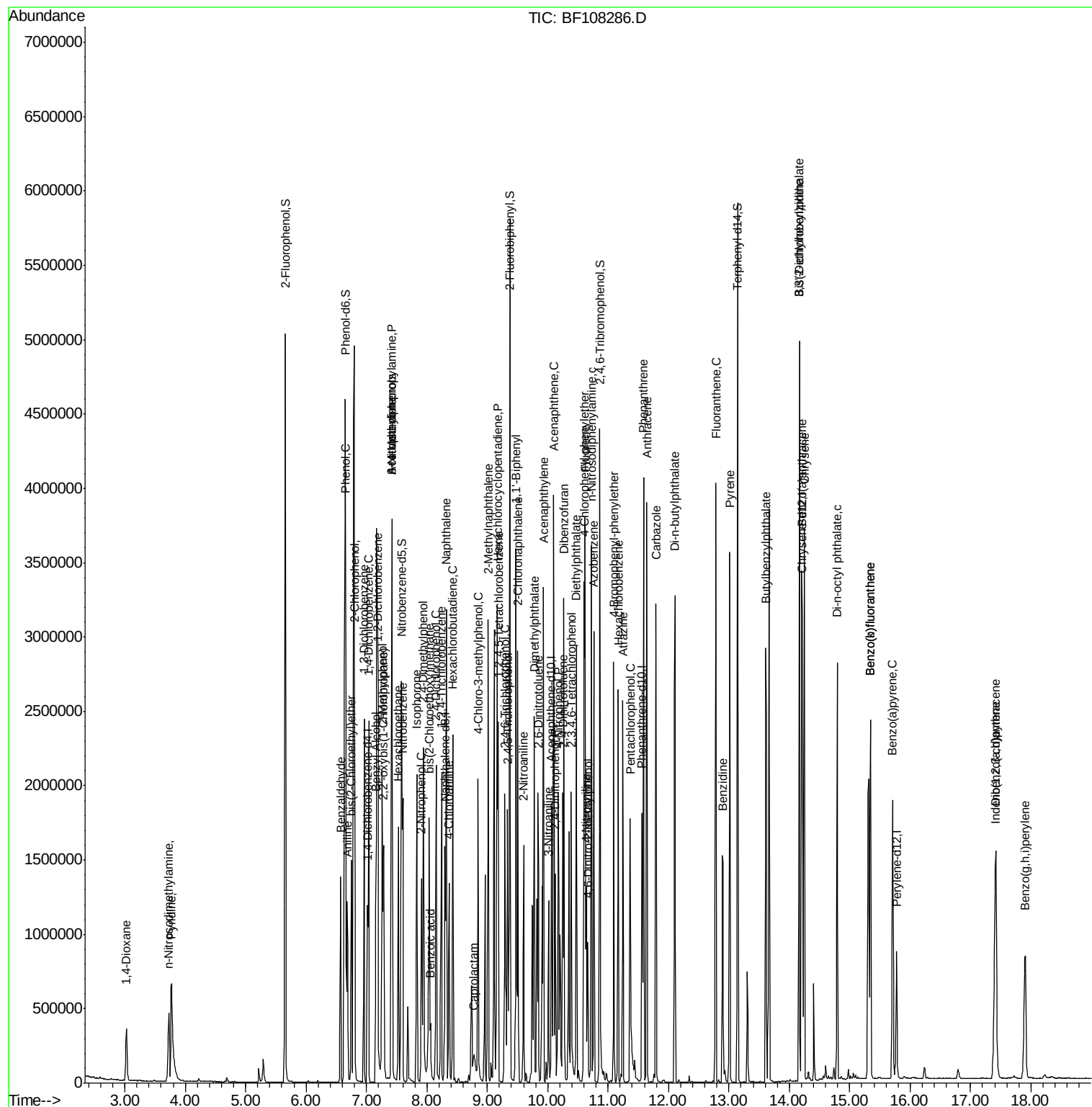
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	307201	44.386	nq	97
43) 2,4,5-Trichlorophenol	9.34	196	353486	46.396	nq #	94
45) 1,1'-Biphenyl	9.48	154	1166087	43.547	nq	99
46) 2-Chloronaphthalene	9.51	162	917314	43.343	nq	99
47) 2-Nitroaniline	9.60	65	302750	44.211	nq	86
48) Acenaphthylene	9.93	152	1447199	43.253	nq	99
49) Dimethylphthalate	9.78	163	1065761	42.127	nq	99
50) 2,6-Dinitrotoluene	9.84	165	240232	45.386	nq	91
51) Acenaphthene	10.10	154	861473	42.037	nq	99
52) 3-Nitroaniline	10.02	138	189595	32.738	nq	100
53) 2,4-Dinitrophenol	10.12	184	178034	89.010	nq #	20
54) Dibenzofuran	10.27	168	1257787	42.363	nq	96
55) 4-Nitrophenol	10.18	139	341537	77.880	nq	86
56) 2,4-Dinitrotoluene	10.25	165	312674	45.893	nq #	97
57) Fluorene	10.62	166	1008251	42.898	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	303004	47.582	nq #	83
59) Diethylphthalate	10.48	149	1031717	42.115	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	519952	42.455	nq	94
61) 4-Nitroaniline	10.64	138	249736	43.617	nq	94
62) Azobenzene	10.77	77	1038030	41.030	nq	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	119012	44.095	nq	85
65) n-Nitrosodiphenylamine	10.72	169	908814	42.304	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	336124	42.546	nq	90
67) Hexachlorobenzene	11.17	284	356510	42.889	nq #	91
68) Atrazine	11.25	200	308722	42.846	nq	97
69) Pentachlorophenol	11.37	266	342820	86.165	nq	98
70) Phenanthrene	11.59	178	1461298	42.617	nq	99
71) Anthracene	11.64	178	1491840	42.450	nq	99
72) Carbazole	11.79	167	1320594	42.294	nq	100
73) Di-n-butylphthalate	12.11	149	1558340	44.062	nq	99
74) Fluoranthene	12.78	202	1615338	43.165	nq	96
76) Benzidine	12.90	184	666978	31.166	nq	98
77) Pyrene	13.02	202	1600884	44.146	nq	99
79) Butylbenzylphthalate	13.61	149	688726	47.830	nq	96
80) Benzo(a)anthracene	14.21	228	1420587	43.216	nq	98
81) 3,3'-Dichlorobenzidine	14.16	252	364062	30.904	nq #	97
82) Chrysene	14.25	228	1310121	43.472	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	874234	44.833	nq	100
84) Di-n-octyl phthalate	14.79	149	1397504	46.993	nq	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	976913	37.412	nq #	91
87) Benzo(b)fluoranthene	15.34	252	1103814	44.501	nq	97
88) Benzo(k)fluoranthene	15.34	252	1103814	48.410	nq #	97
89) Benzo(a)pyrene	15.71	252	1029204	46.336	nq	97
90) Dibenzo(a,h)anthracene	17.42	278	827886	45.048	nq #	93
91) Benzo(g,h,i)perylene	17.91	276	804729	44.469	nq #	91

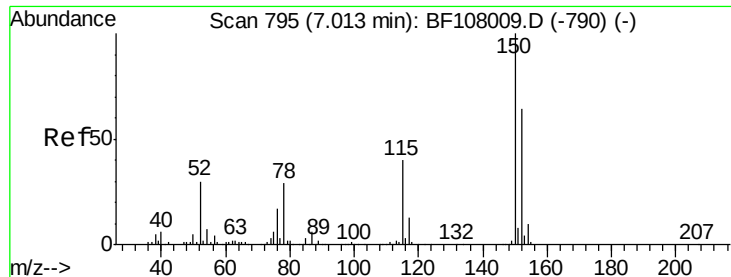
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

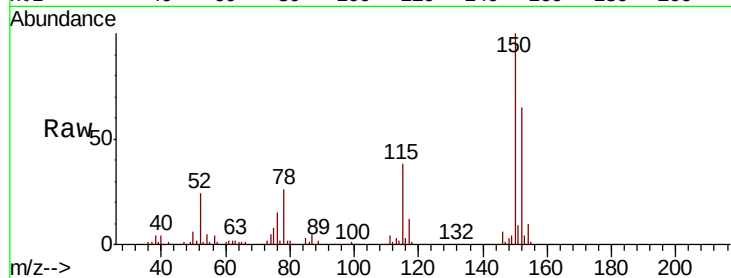
Tot Ion:152 Resp: 174697

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

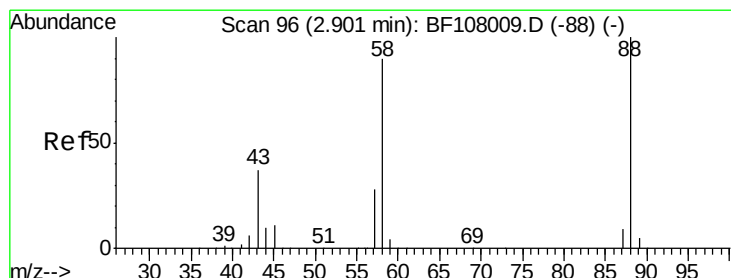
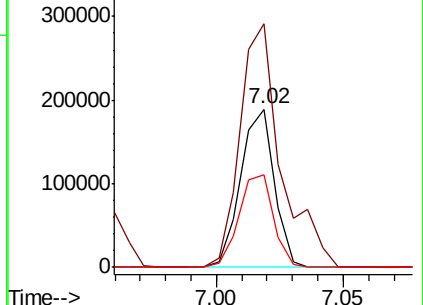
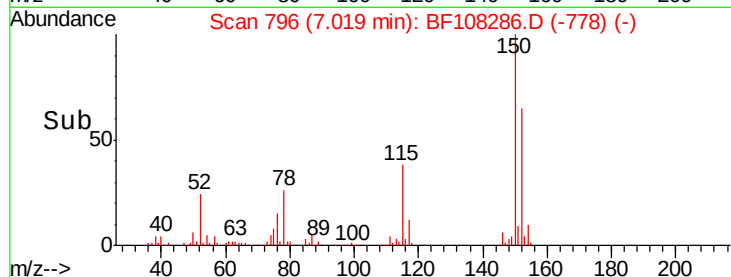
115 58.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.526 ng

RT: 3.03 min Scan# 118

Delta R.T. 0.13 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

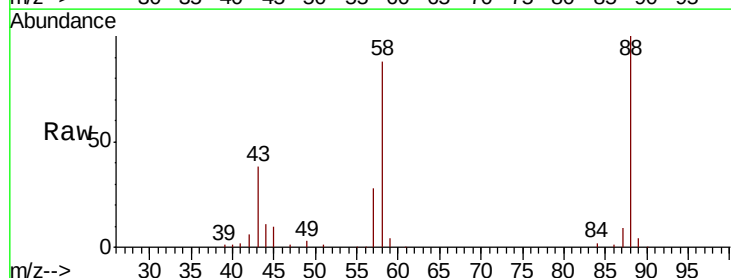
Tgt Ion: 88 Resp: 176146

Ion Ratio Lower Upper

88 100

58 88.8 62.6 93.8

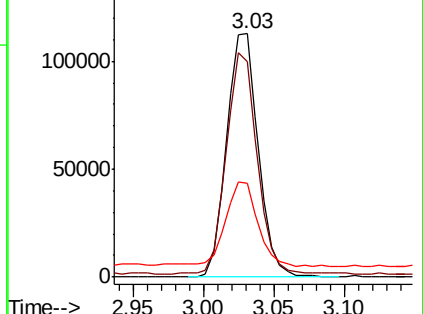
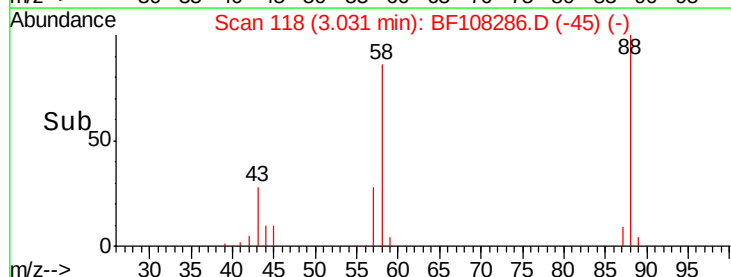
43 35.5 24.6 37.0

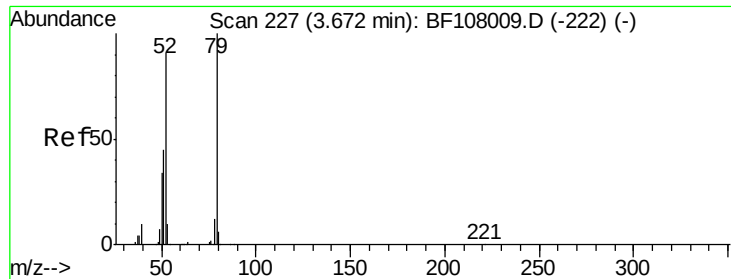


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.481 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.10 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

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PB112189BS

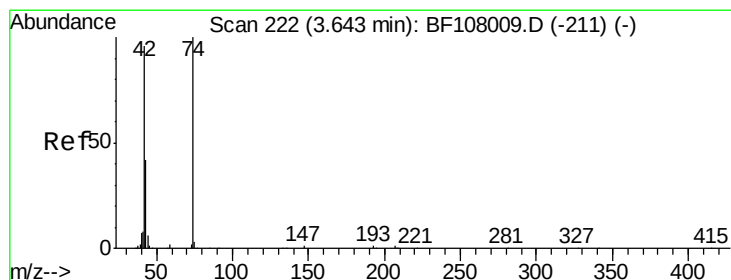
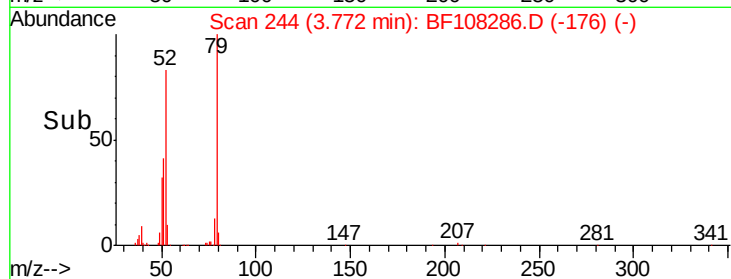
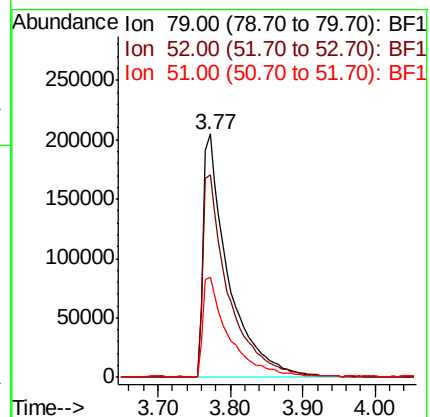
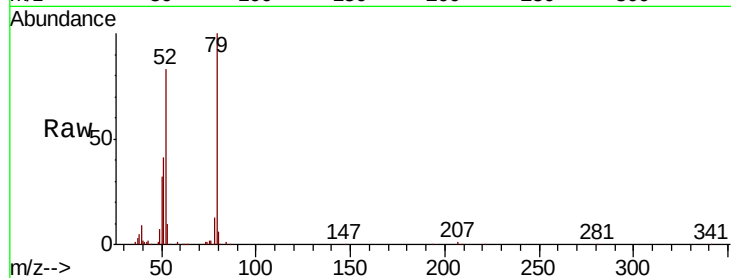
Tot Ion: 79 Resp: 491490

Ion Ratio Lower Upper

79 100

52 83.4 59.8 89.6

51 41.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.138 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

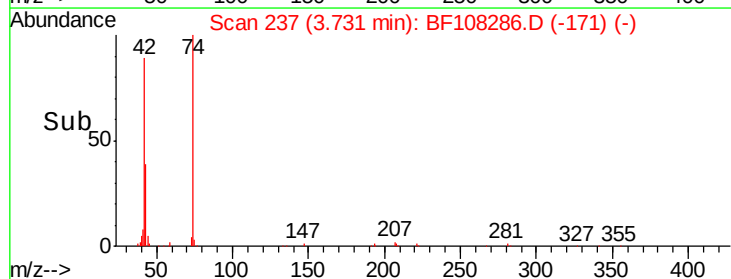
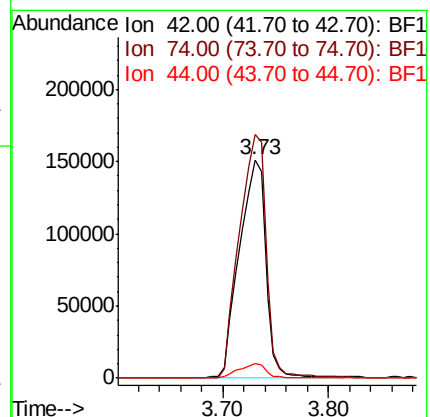
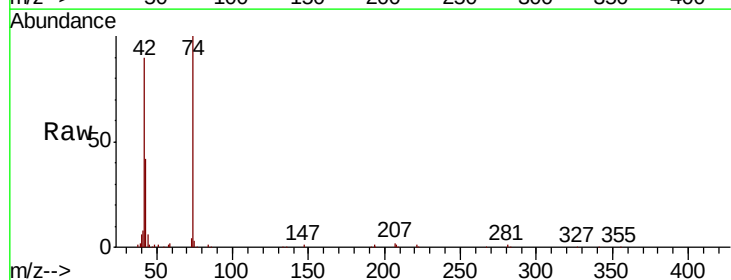
Tgt Ion: 42 Resp: 259719

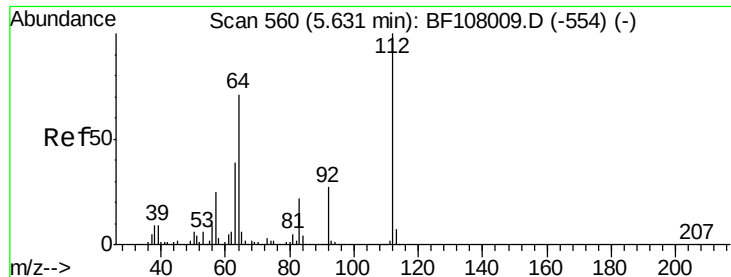
Ion Ratio Lower Upper

42 100

74 111.5 104.9 157.3

44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 145.949 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108286.D

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Instrument :

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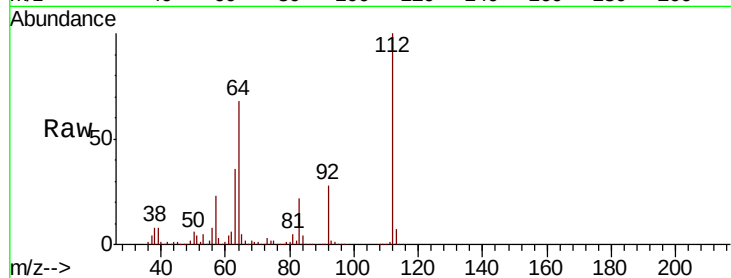
Tot Ion:112 Resp: 1408314

Ion Ratio Lower Upper

112 100

64 67.9 47.9 71.9

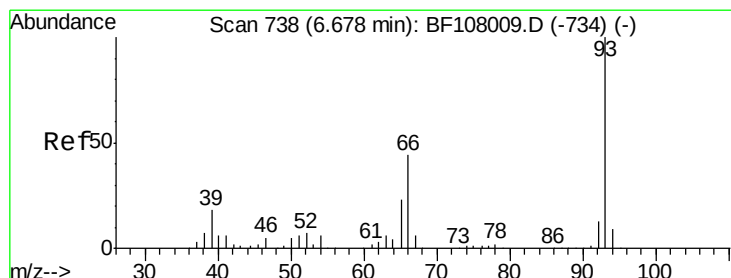
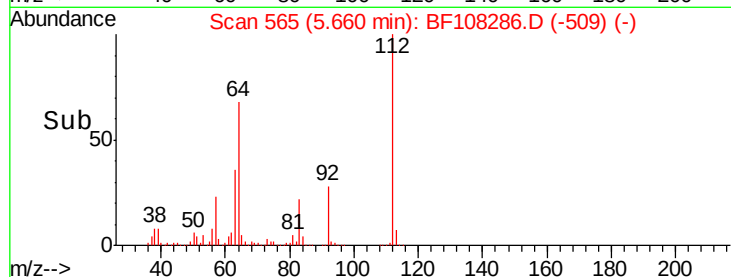
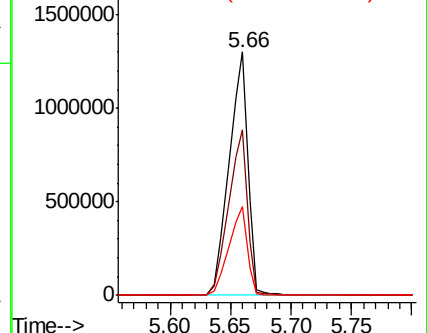
63 36.4 23.7 35.5#



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: 31.665 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

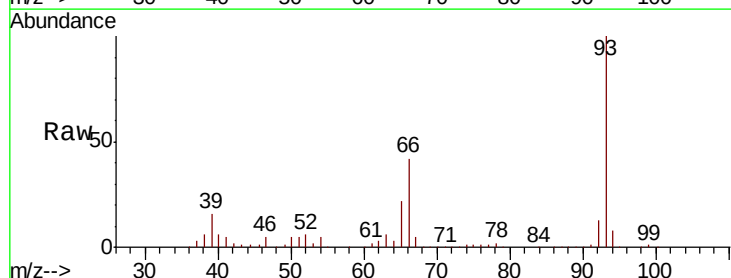
Tgt Ion: 93 Resp: 552297

Ion Ratio Lower Upper

93 100

66 42.0 32.2 48.2

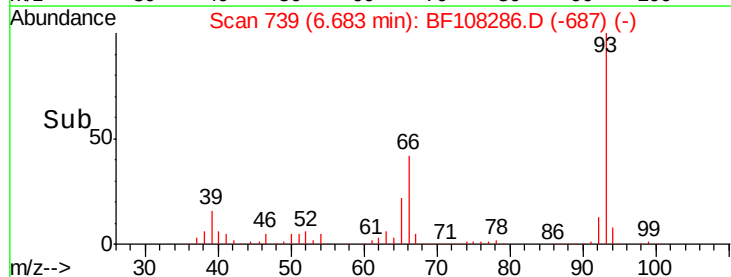
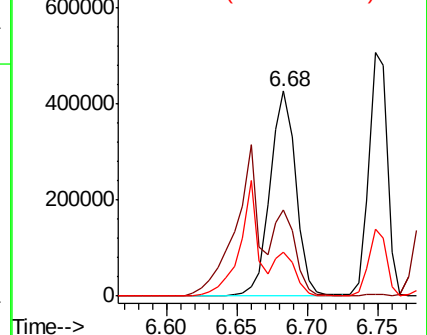
65 21.6 16.4 24.6

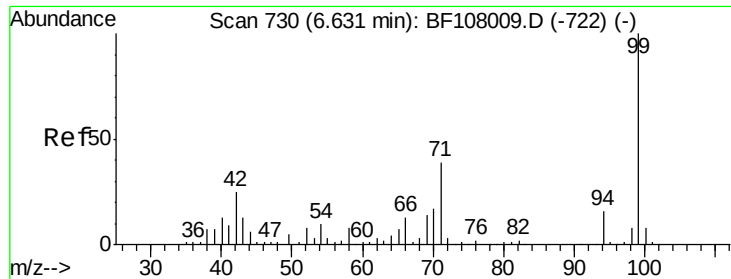


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 149.257 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

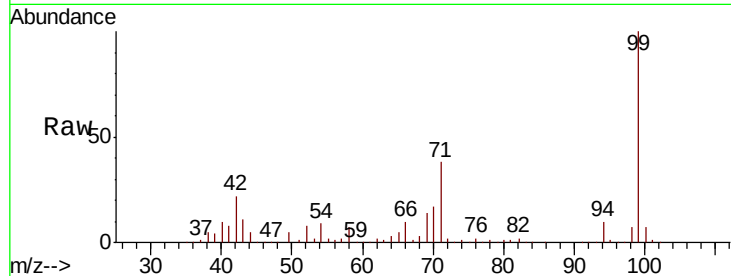
BNA_F

ClientSampleId :

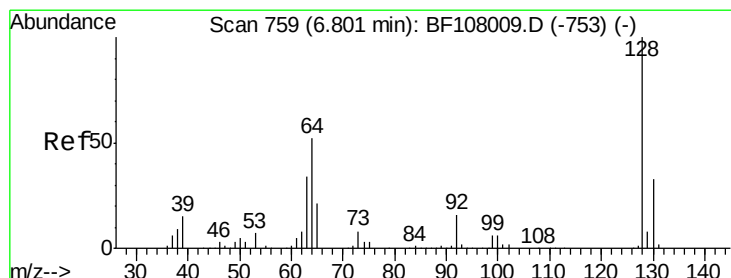
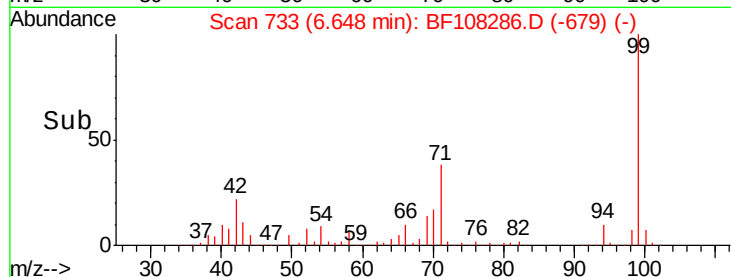
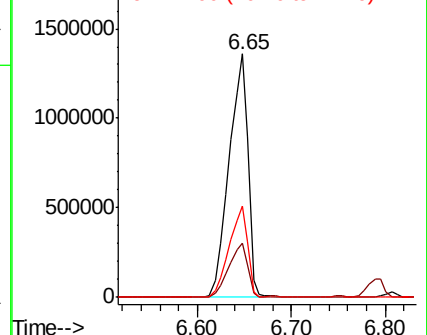
PB112189BS

Tot Ion: 99 Resp: 1913877

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	37.7	25.4	38.0



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: 43.535 ng

RT: 6.81 min Scan# 760

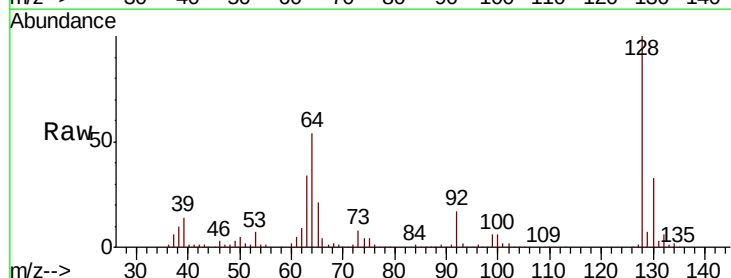
Delta R.T. 0.01 min

Lab File: BF108286.D

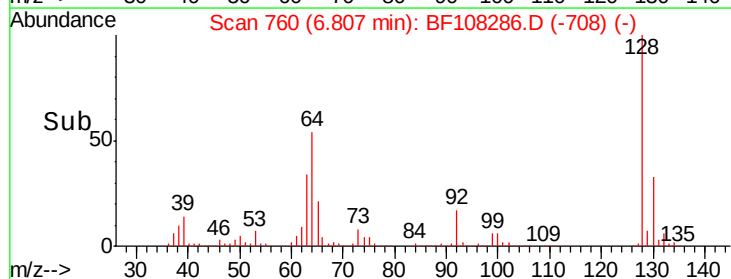
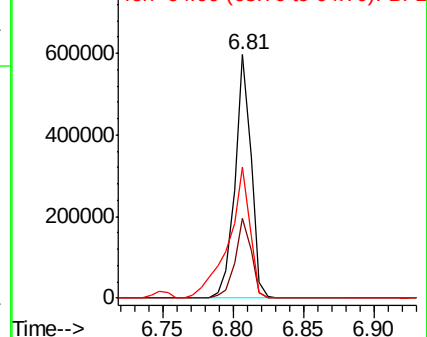
Acq: 20 Aug 2018 13:32

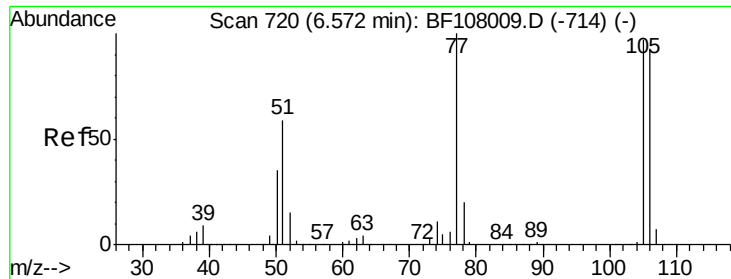
Tgt Ion: 128 Resp: 473133

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	53.7	29.4	69.4



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: 24.959 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF108286.D

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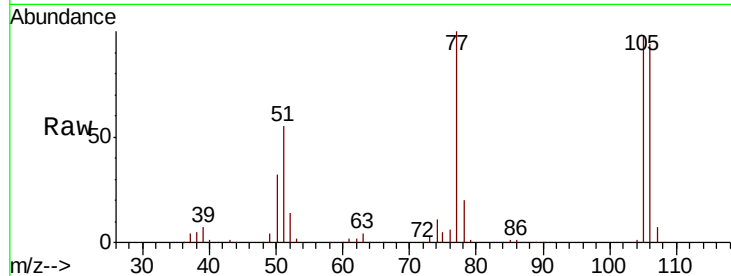
Tot Ion: 77 Resp: 248136

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

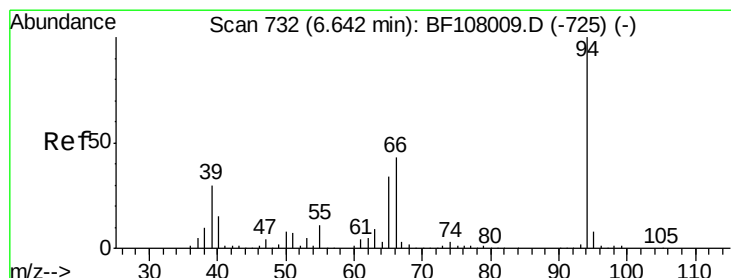
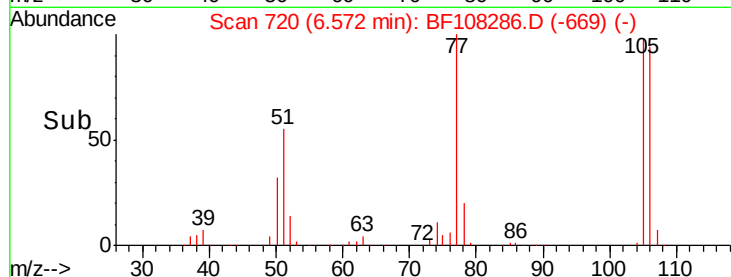
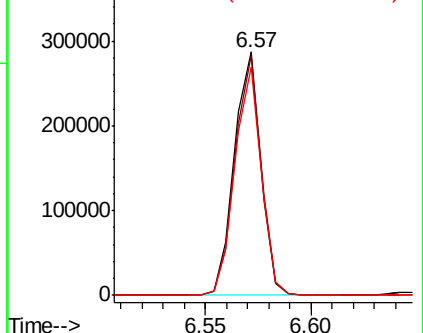
106 93.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.838 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

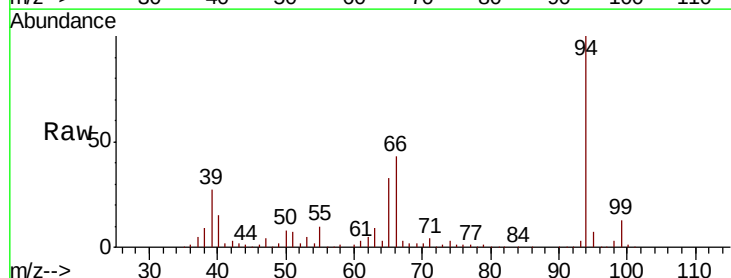
Tgt Ion: 94 Resp: 594717

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

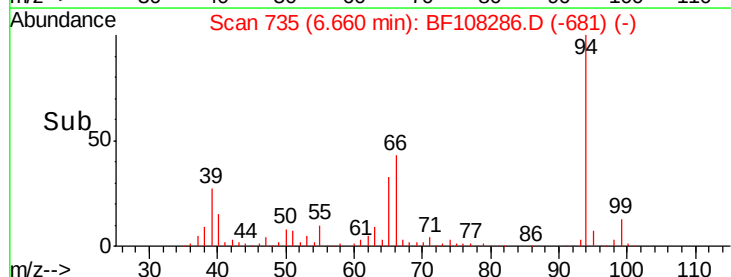
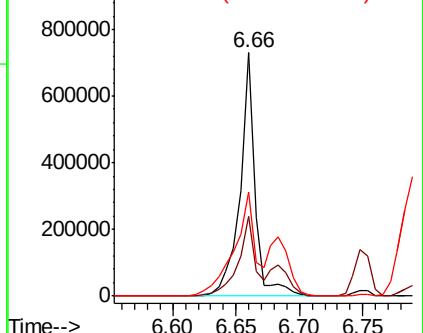
66 42.9 16.2 56.2

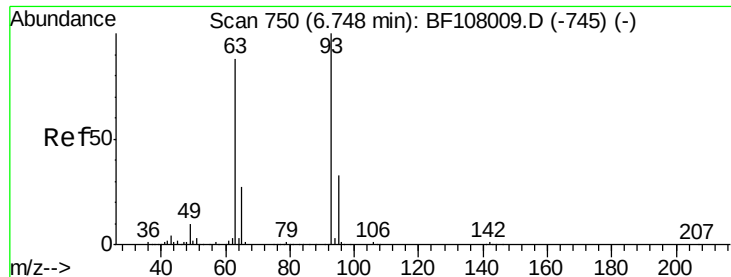


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

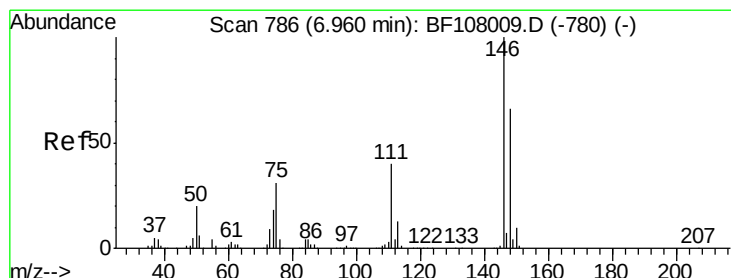
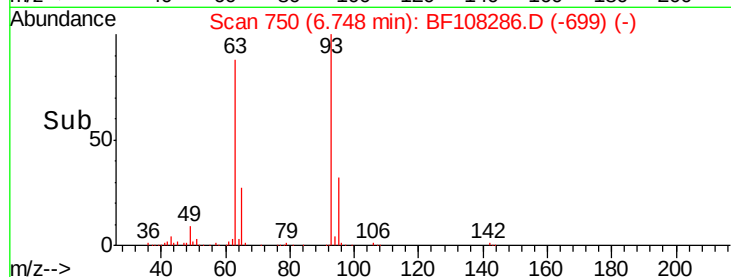
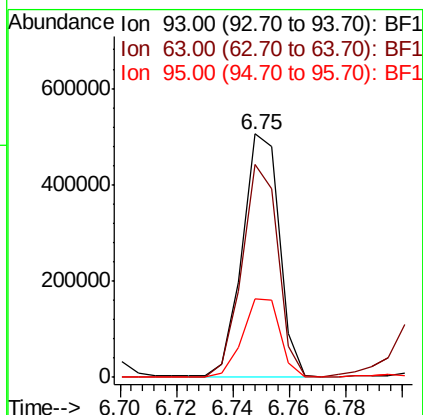
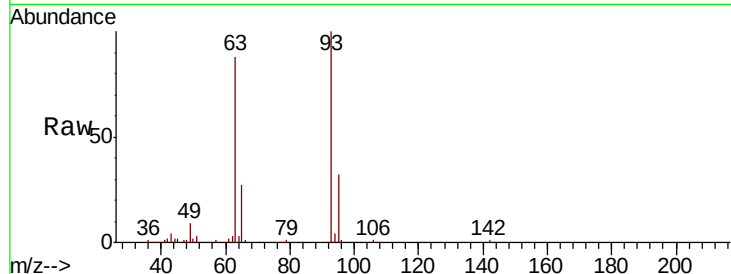




#11
 bis(2-Chloroethyl)ether
 Concen: 42.796 ng
 RT: 6.75 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

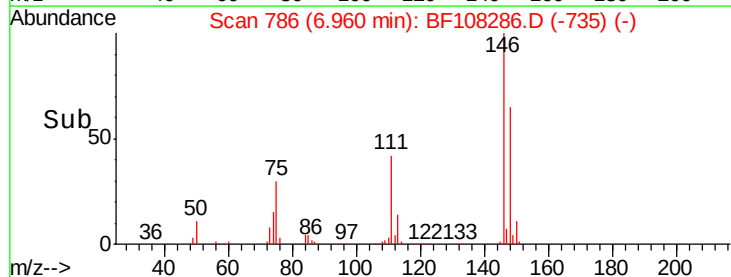
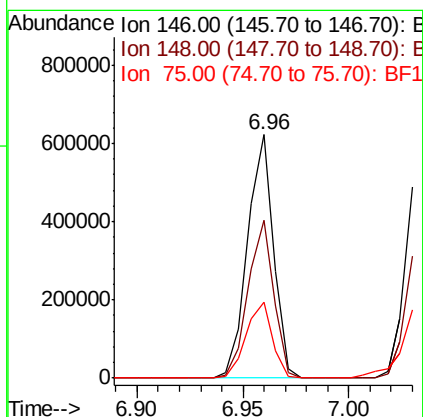
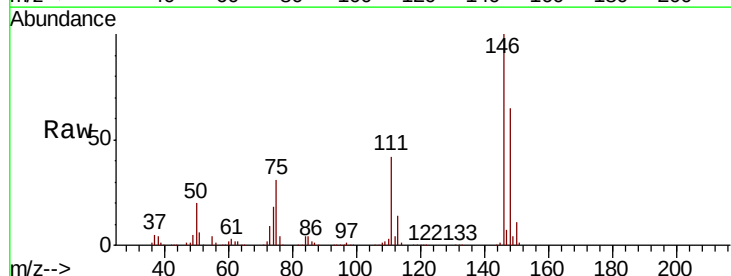
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

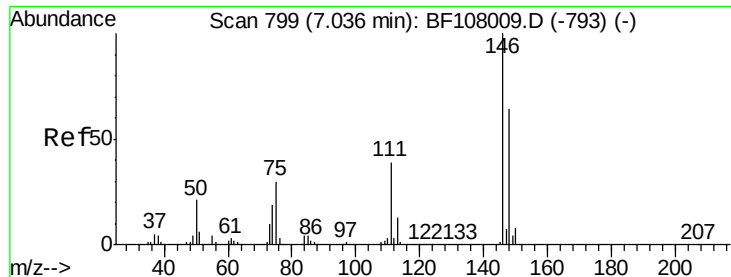
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	58.6	98.6
95	32.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.401 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.3	24.2	36.4

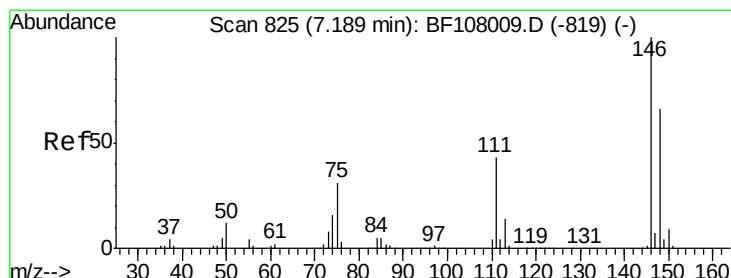
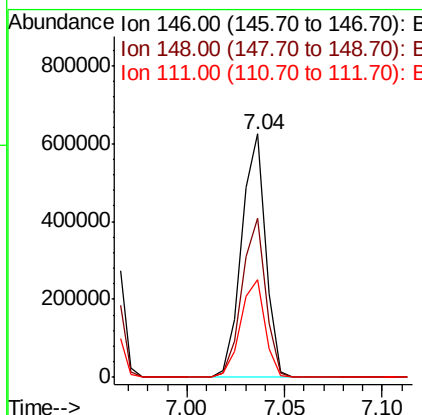
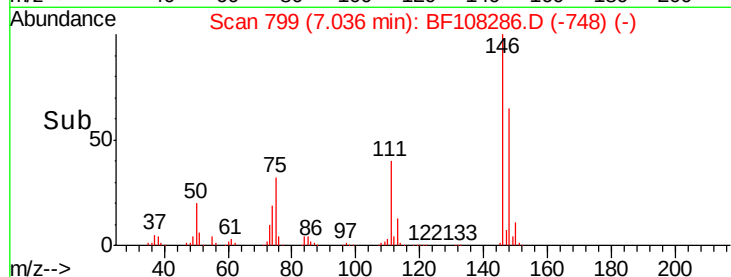
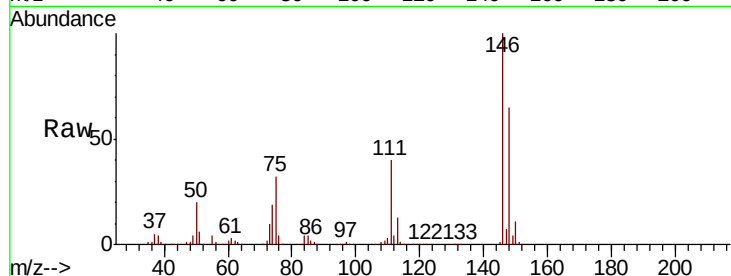




#13
 1,4-Dichlorobenzene
 Concen: 42.234 ng
 RT: 7.04 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

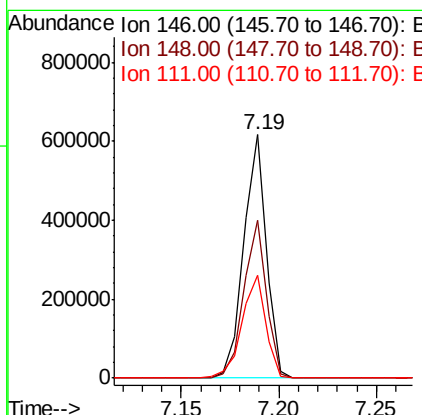
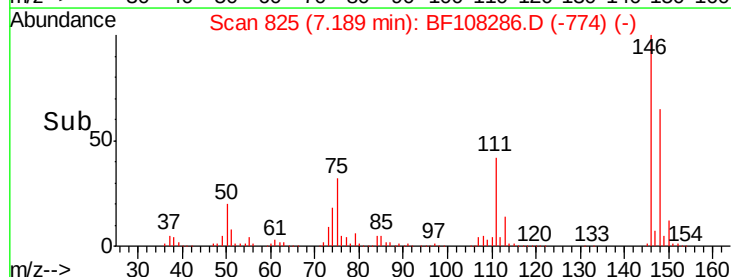
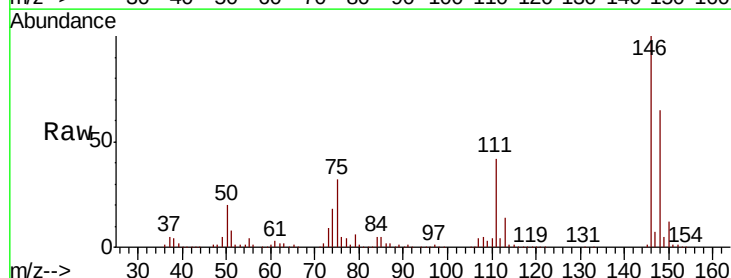
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

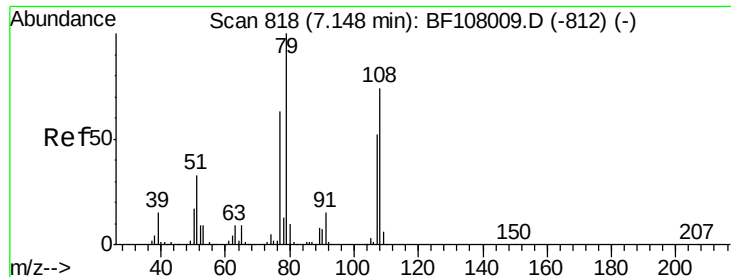
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	40.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.137 ng
 RT: 7.19 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	42.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.079 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

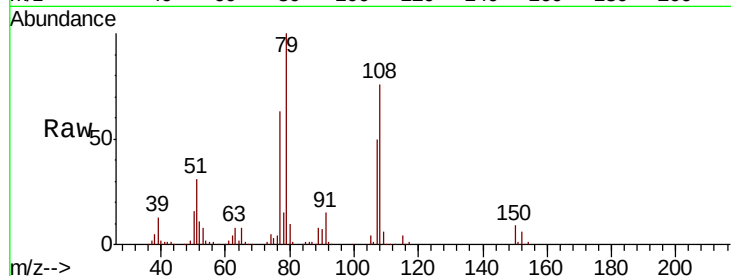
Tot Ion: 79 Resp: 378671

Ion Ratio Lower Upper

79 100

108 75.9 65.1 97.7

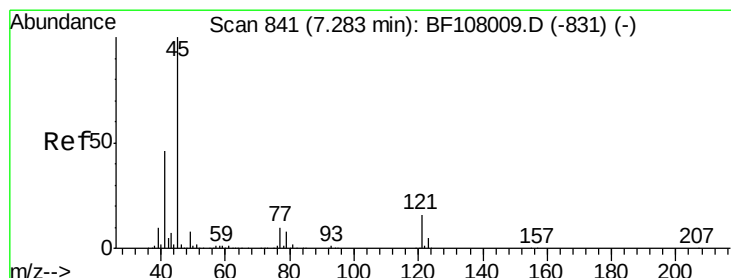
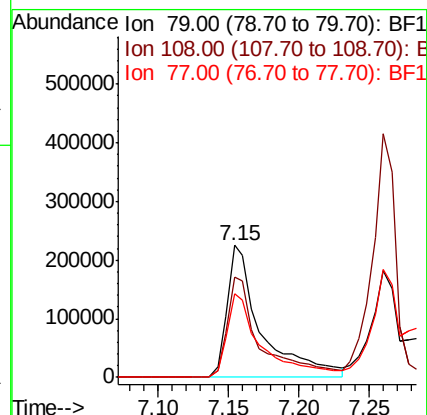
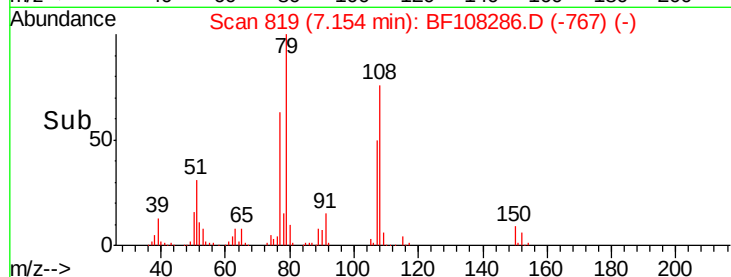
77 63.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.502 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

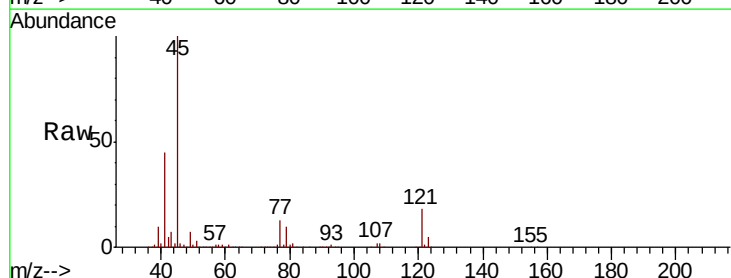
Tgt Ion: 45 Resp: 850514

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.9

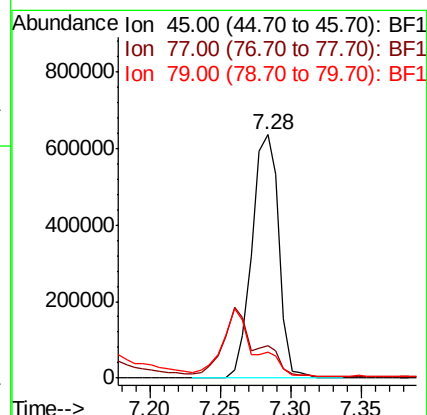
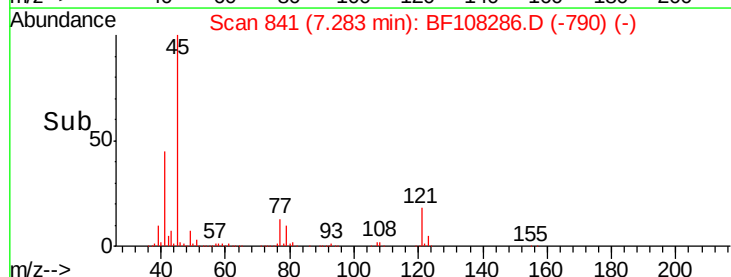
79 10.5 0.0 29.6

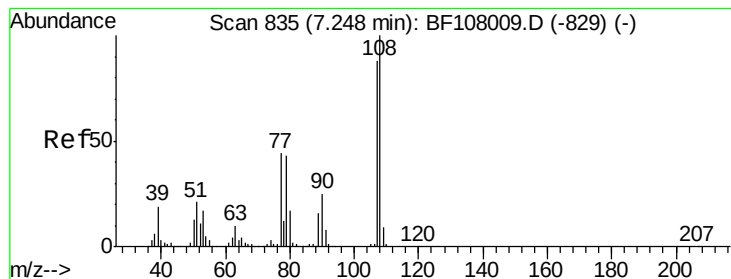


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 46.625 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

Tot Ion:107 Resp: 434532

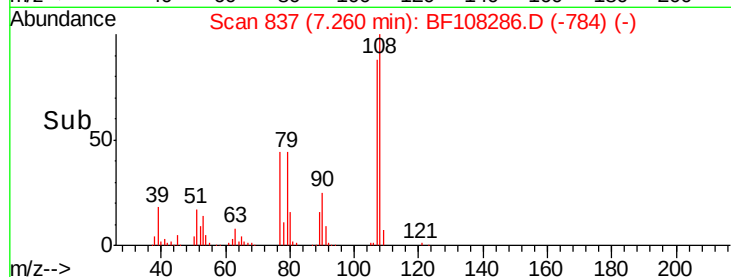
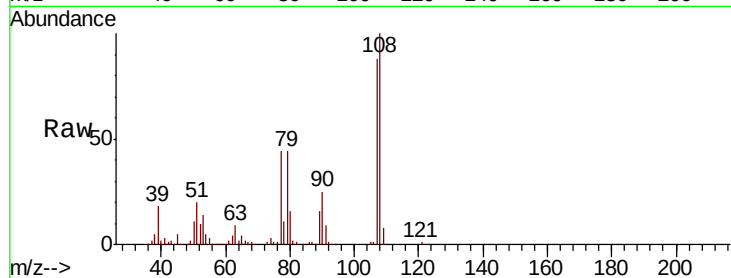
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 50.5 33.8 50.8

79 49.6 33.8 50.8

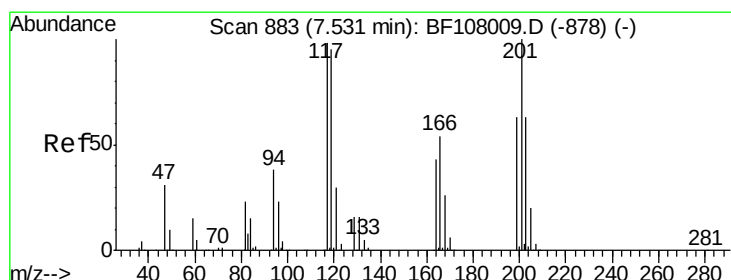
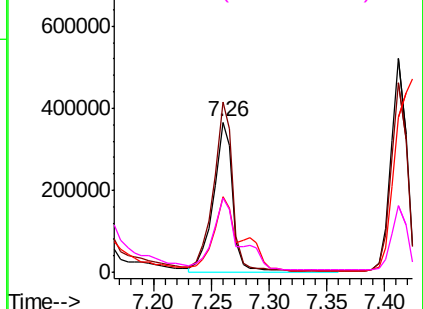


Abundance Ion 107.00 (106.70 to 107.70): E

800000 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: 43.202 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

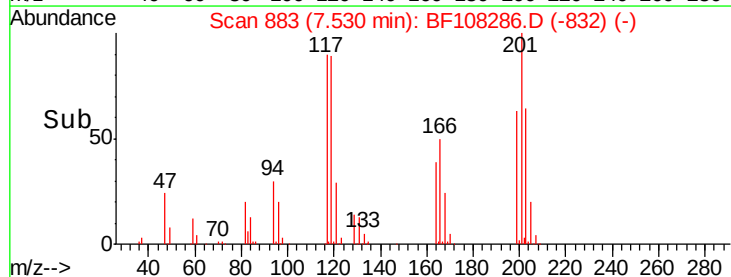
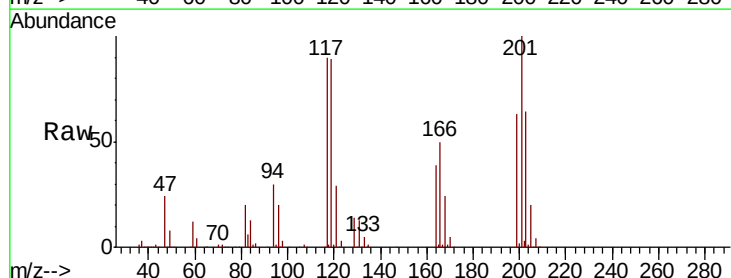
Tgt Ion:117 Resp: 194185

Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.8

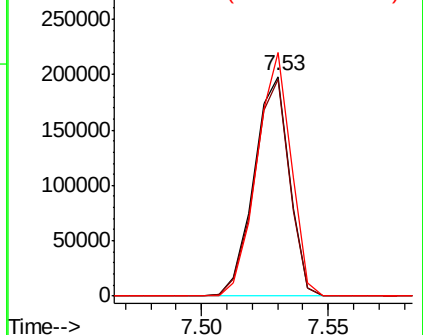
201 111.0 75.7 113.5

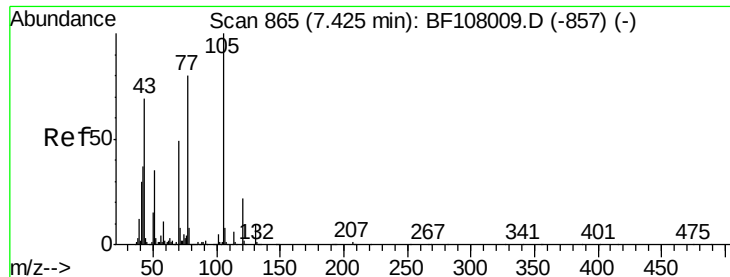


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

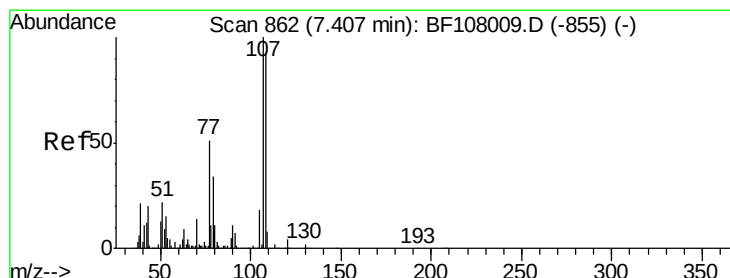
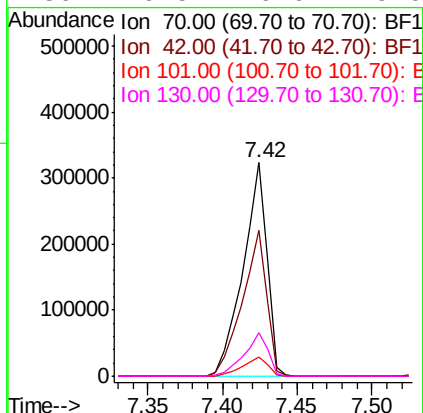
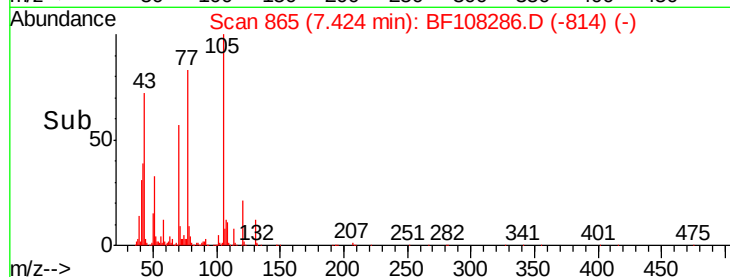
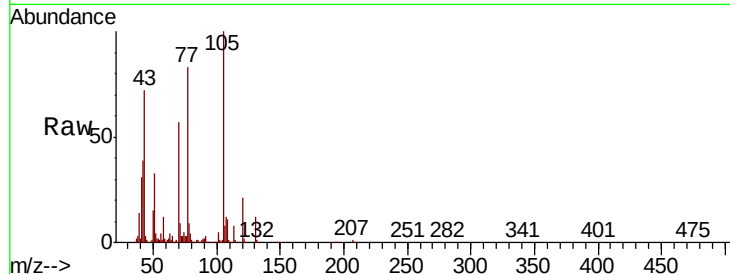




#19
n-Nitroso-di-n-propylamine
Concen: 41.491 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

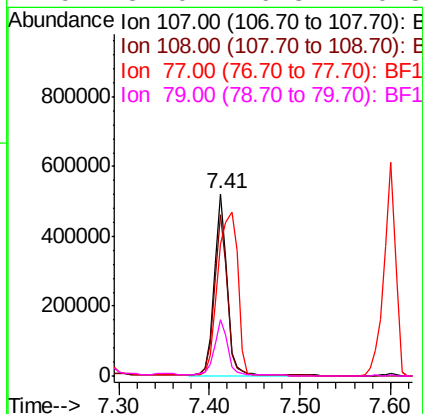
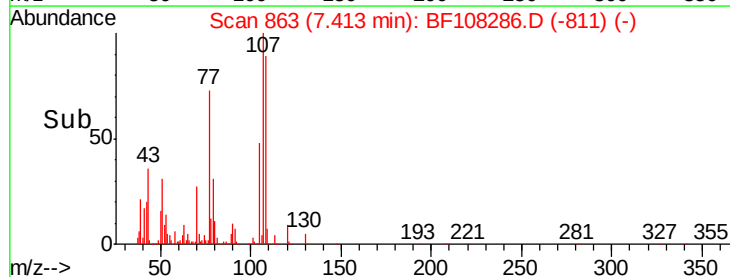
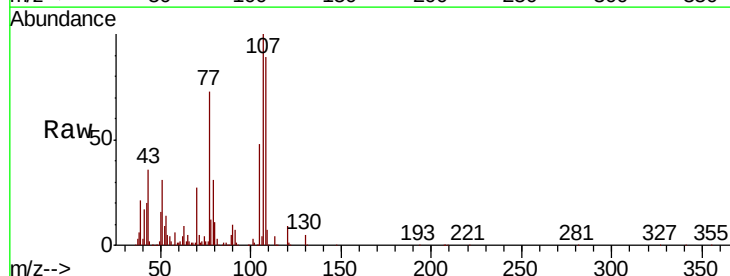
Instrument :
BNA_F
ClientSampleId :
PB112189BS

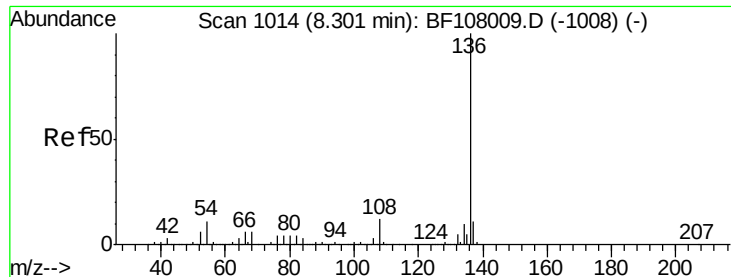
Tot Ion:	70	Resp:	359777
Ion	Ratio	Lower	Upper
70	100		
42	68.1	47.5	71.3
101	9.1	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.224 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:	107	Resp:	516228
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	72.6	26.7	66.7#
79	31.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

Tot Ion:136 Resp: 711708

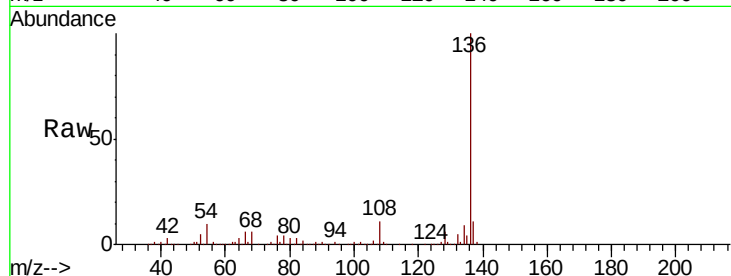
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 5.9 5.0 7.4

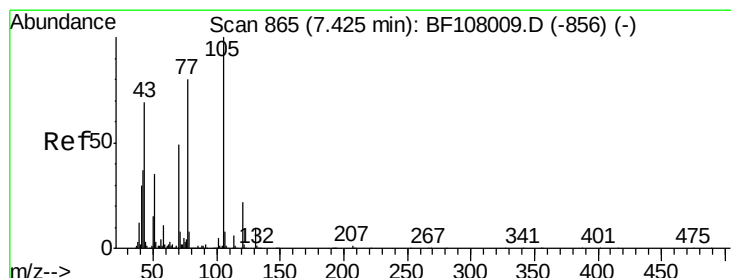
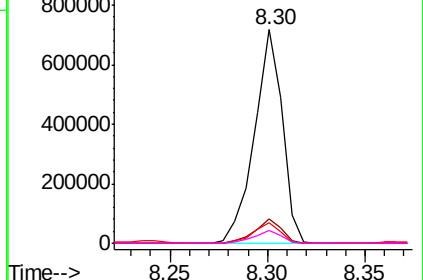
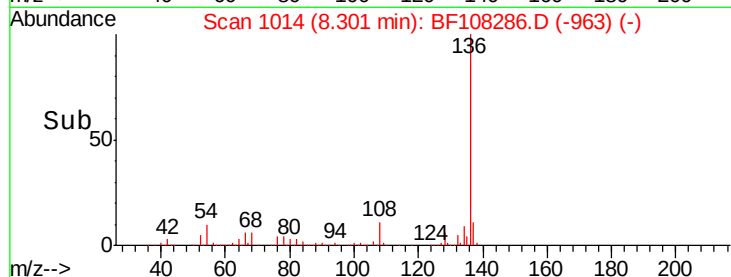


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.345 ng

RT: 7.42 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion:105 Resp: 688053

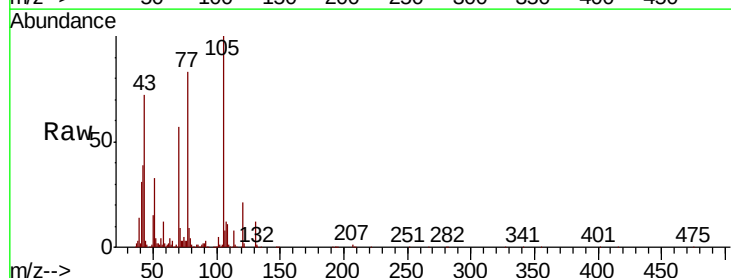
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 33.2 22.3 33.5

120 21.4 16.9 25.3

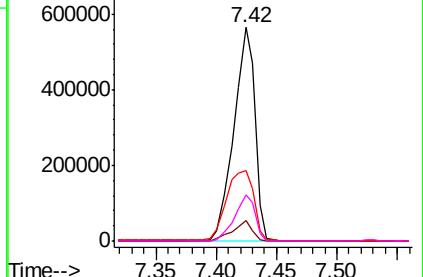
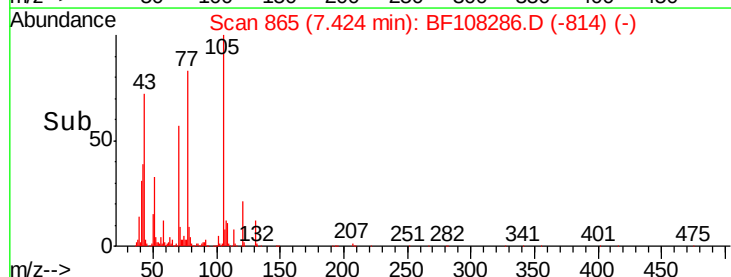


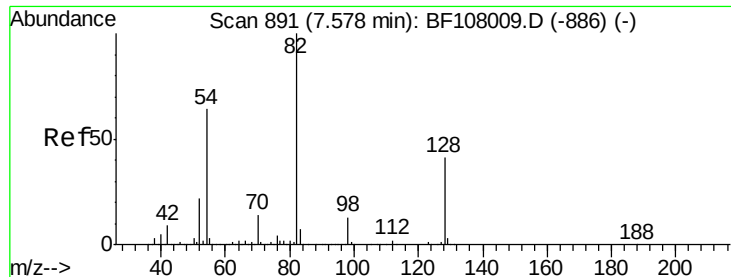
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

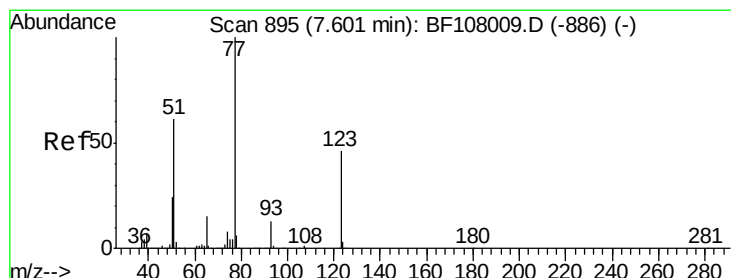
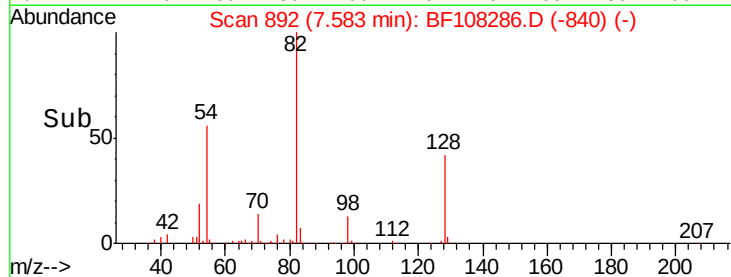
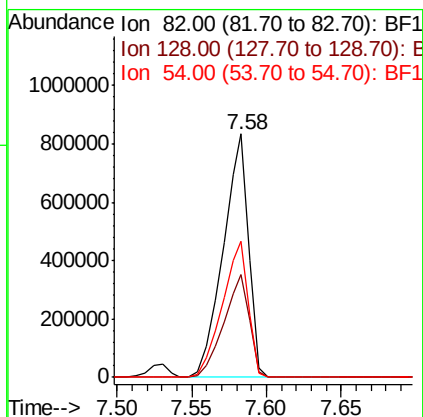
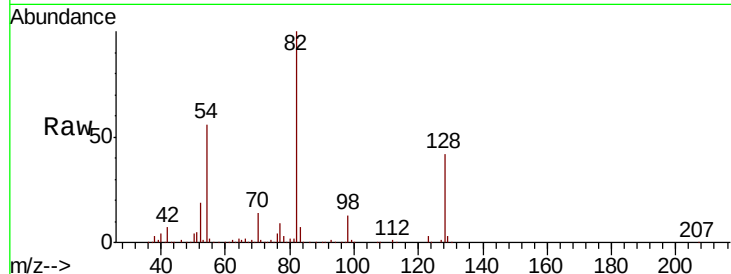




#23
 Nitrobenzene-d5
 Concen: 78.050 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

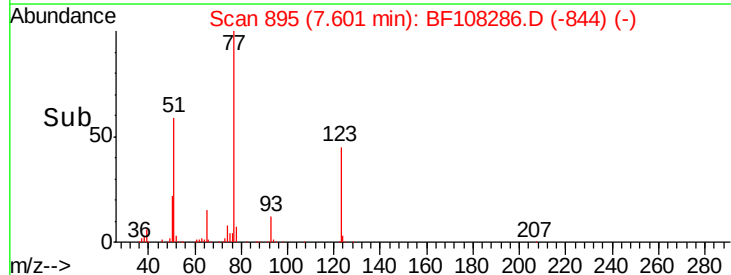
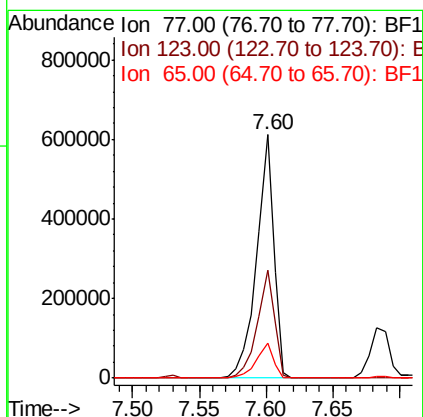
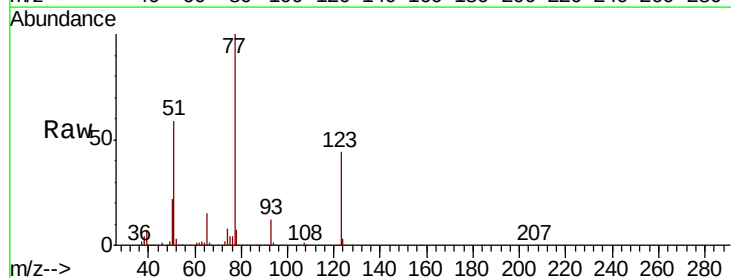
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

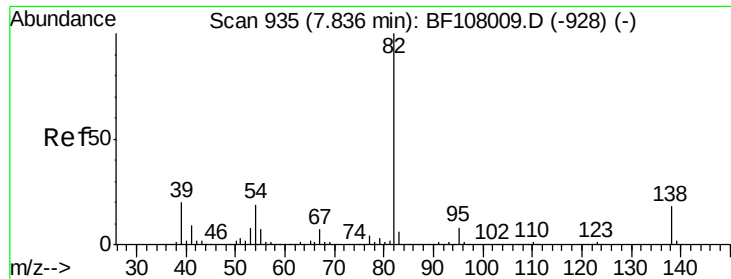
Tot Ion	82	Resp	995471
Ion Ratio	Lower	Upper	
82	100		
128	42.2	36.1	54.1
54	56.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.508 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	77	Resp	535341
Ion Ratio	Lower	Upper	
77	100		
123	44.1	37.9	56.9
65	14.5	11.0	16.4

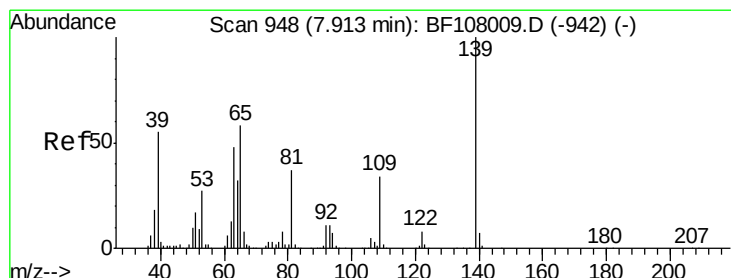
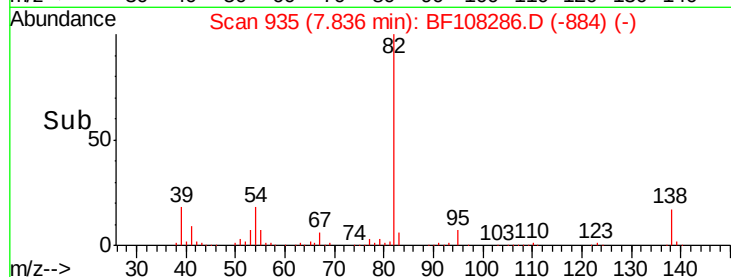
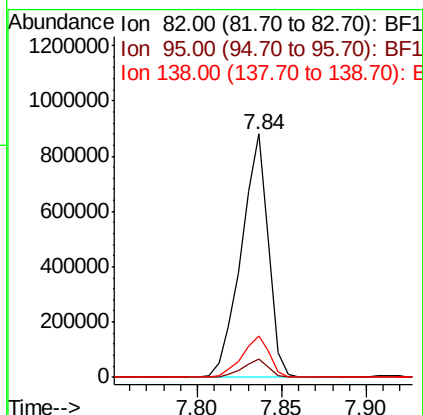
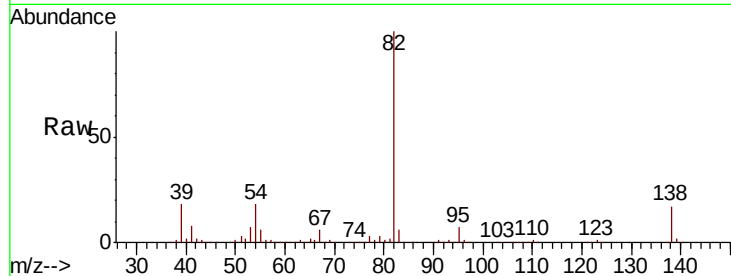




#25
Isophorone
Concen: 40.539 ng
RT: 7.84 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

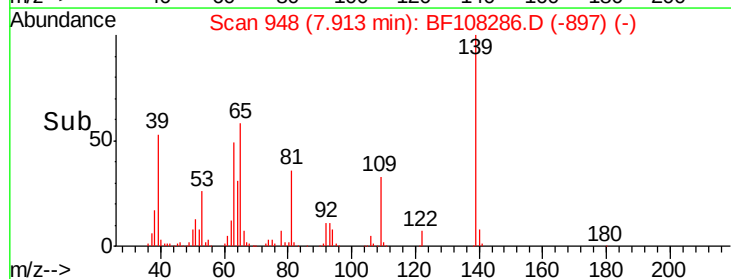
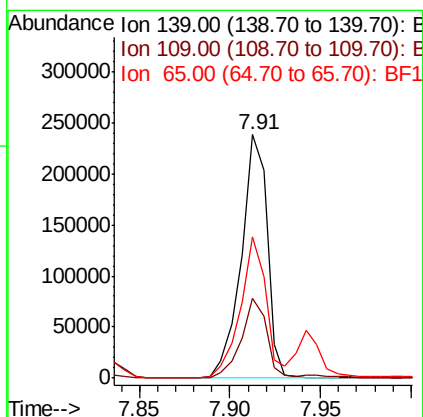
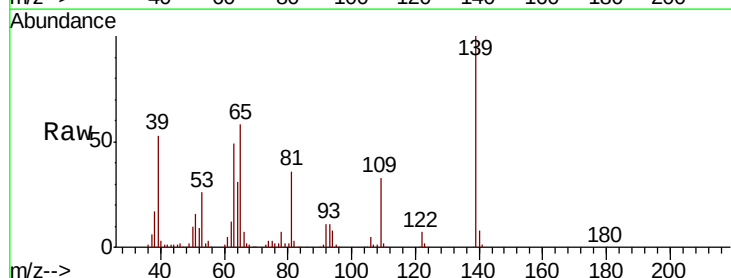
Instrument :
BNA_F
ClientSampleId :
PB112189BS

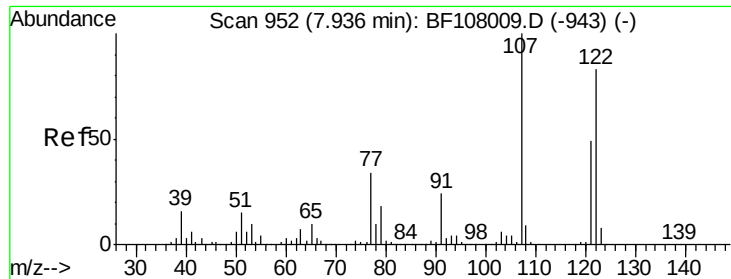
Tot Ion: 82 Resp: 985500
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 48.622 ng
RT: 7.91 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion: 139 Resp: 236818
Ion Ratio Lower Upper
139 100
109 32.5 22.7 34.1
65 58.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.517 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

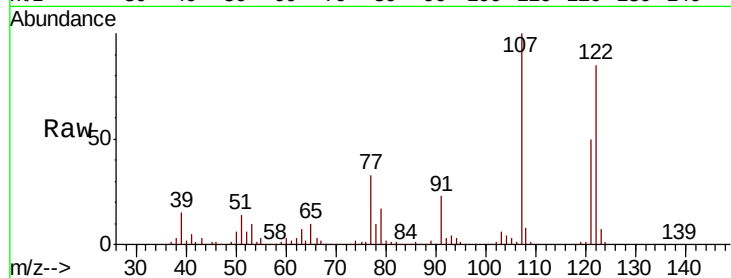
Tot Ion:122 Resp: 458740

Ion Ratio Lower Upper

122 100

107 118.0 91.2 136.8

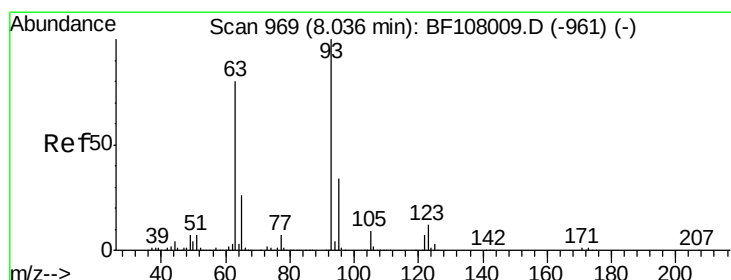
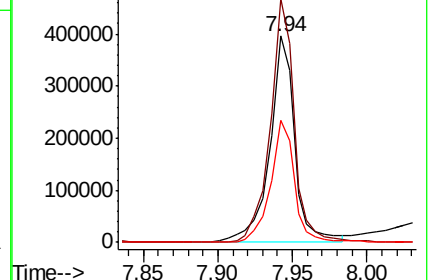
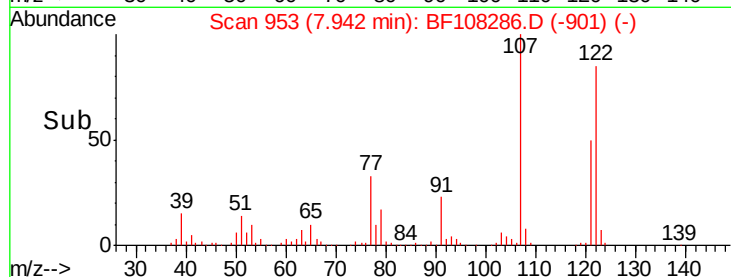
121 59.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.537 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

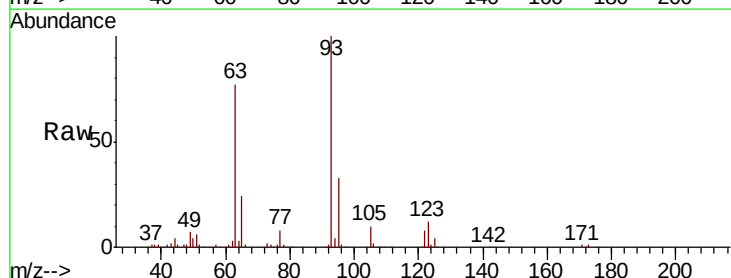
Tgt Ion: 93 Resp: 589475

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

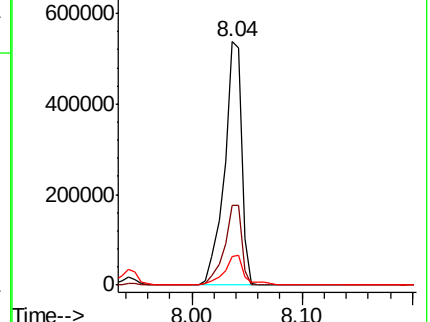
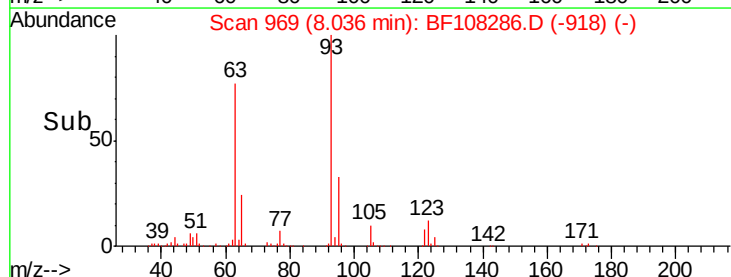
123 12.0 9.8 14.6

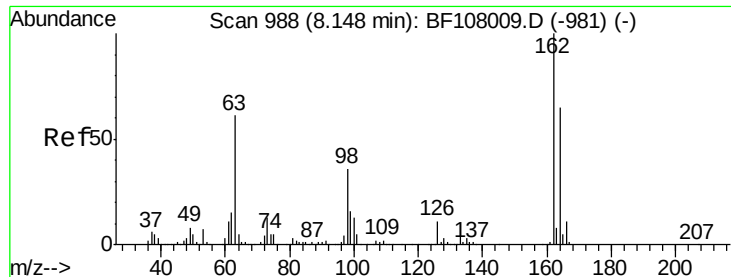


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

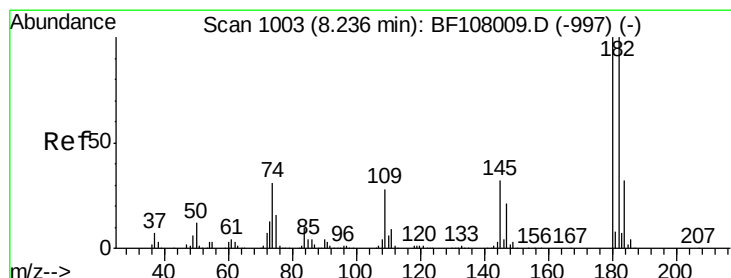
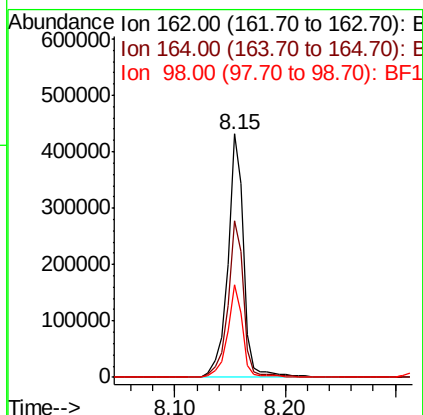
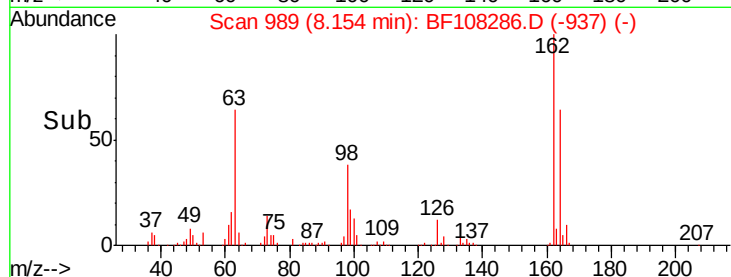
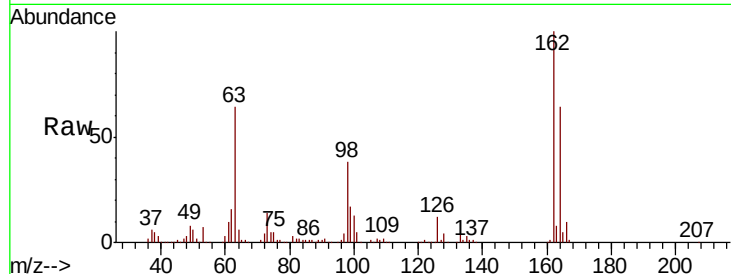




#29
 2,4-Dichlorophenol
 Concen: 43.575 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

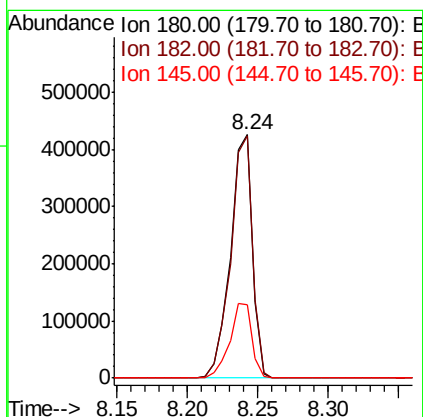
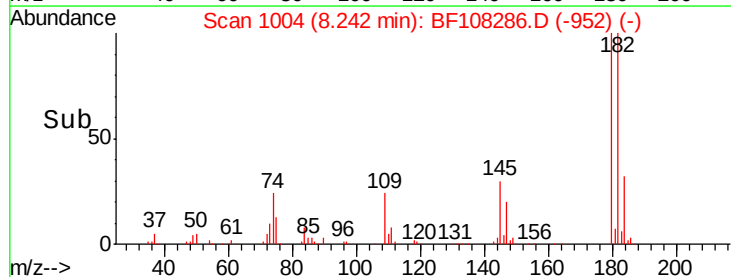
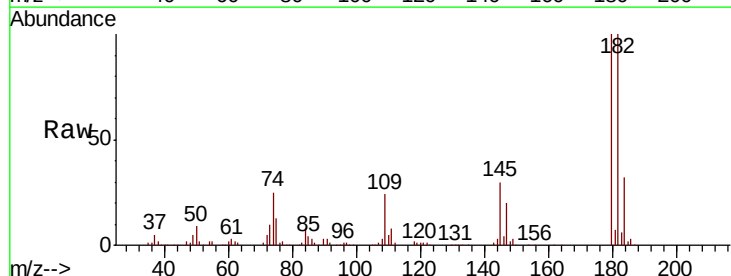
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

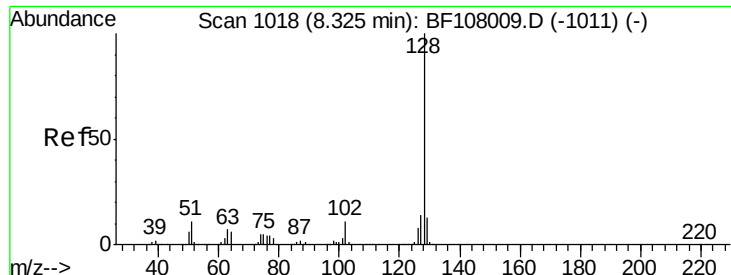
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	38.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.965 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.8	115.2
145	30.2	26.5	39.7

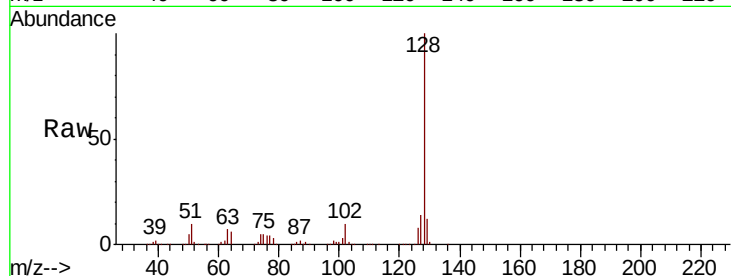




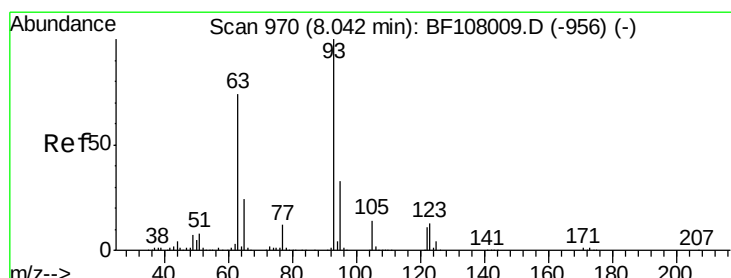
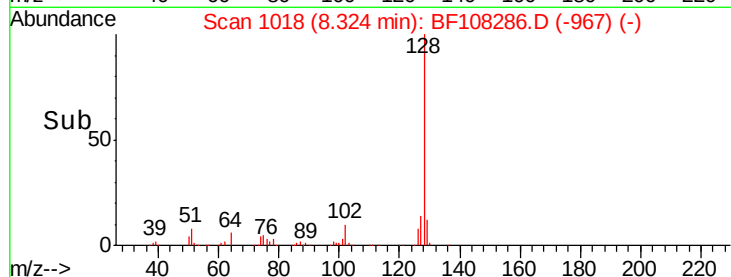
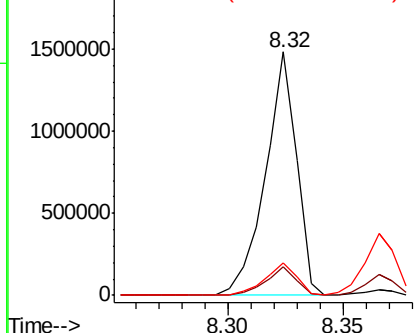
#31
Naphthalene
Concen: 42.999 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion:128 Resp: 1391753
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.5 10.9 16.3

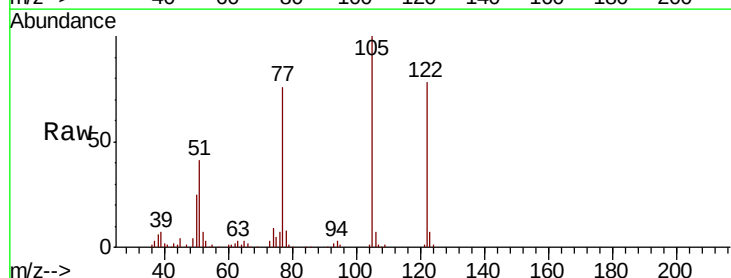


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

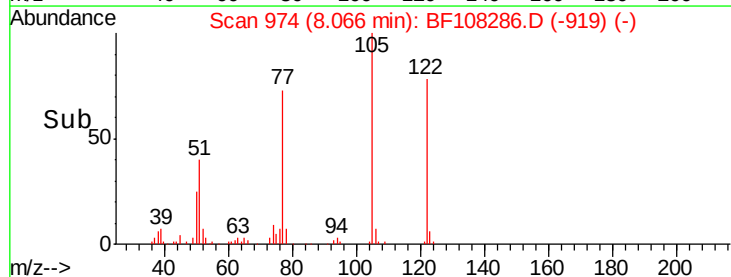
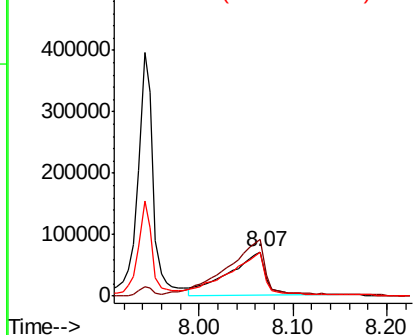


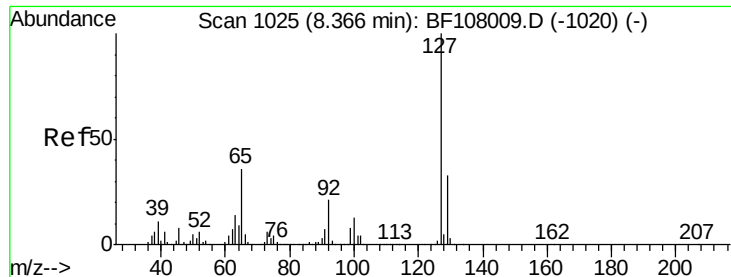
#32
Benzoic acid
Concen: 33.483 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:122 Resp: 196723
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 97.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

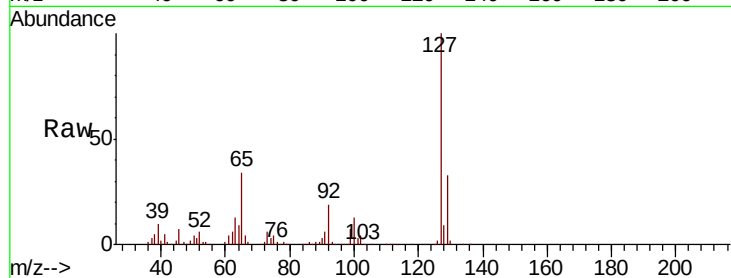




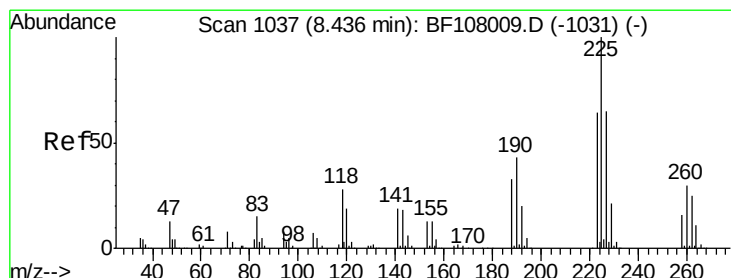
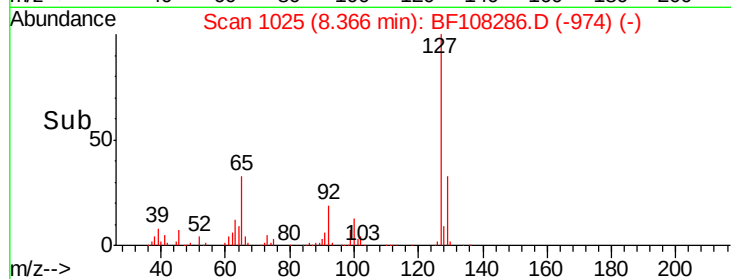
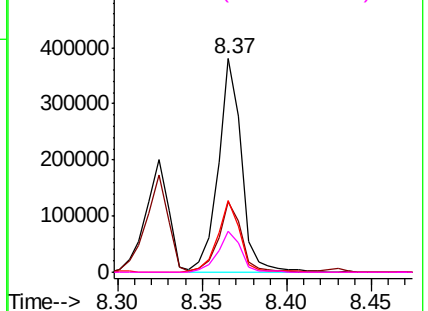
#33
4-Chloroaniline
Concen: 25.890 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion:	127	Resp:	365190
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	33.7	25.0	37.4
92	19.4	15.2	22.8

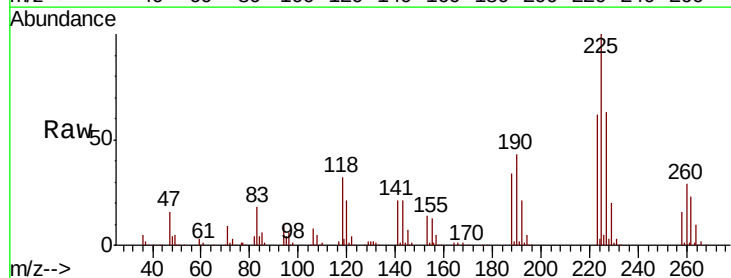


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

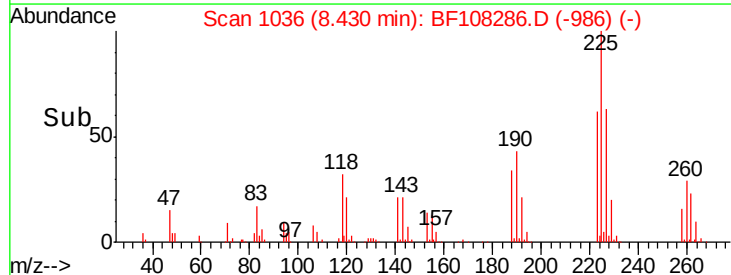
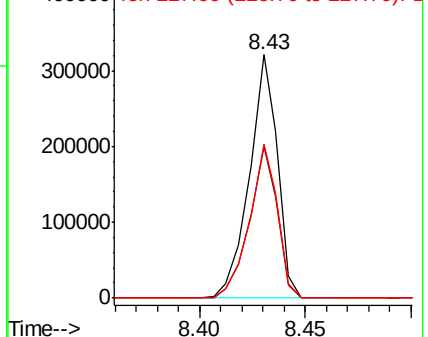


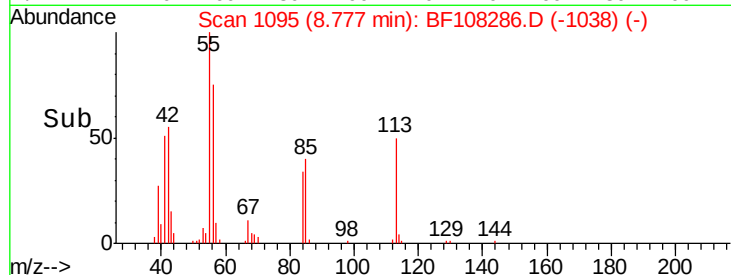
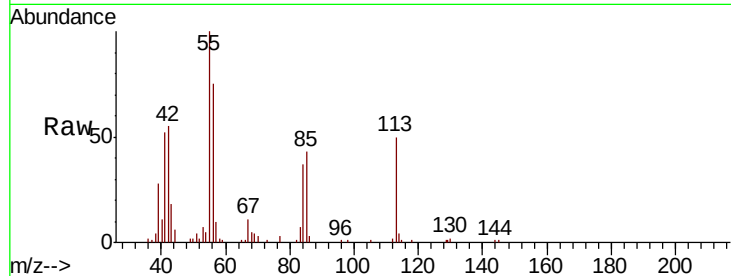
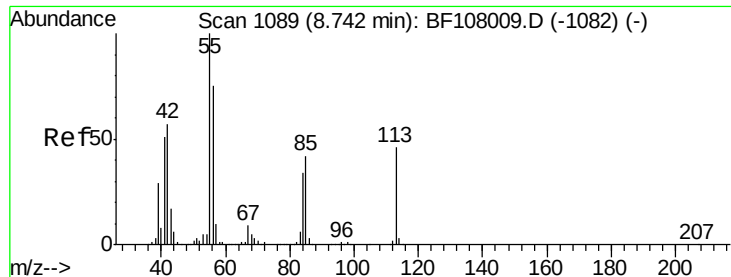
#34
Hexachlorobutadiene
Concen: 42.610 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:	225	Resp:	295301
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.3	51.9	77.9



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

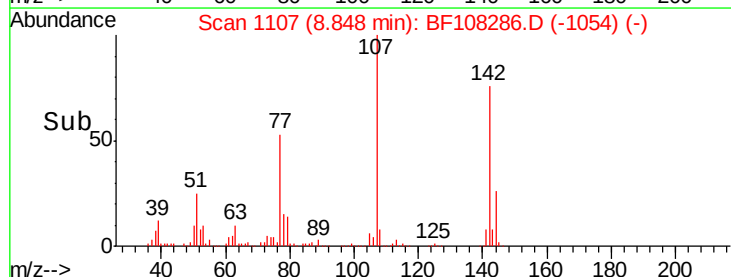
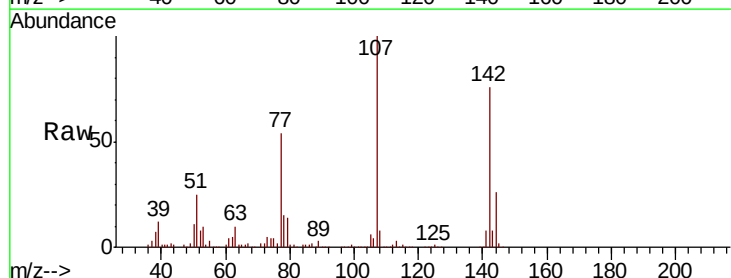
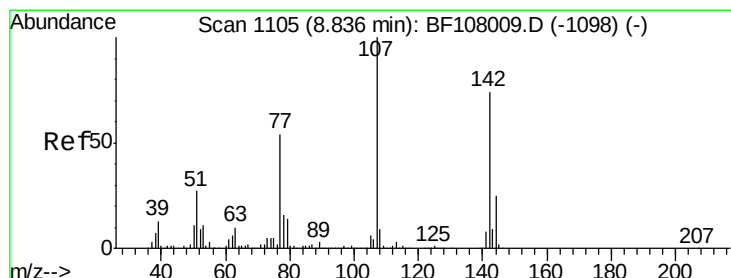
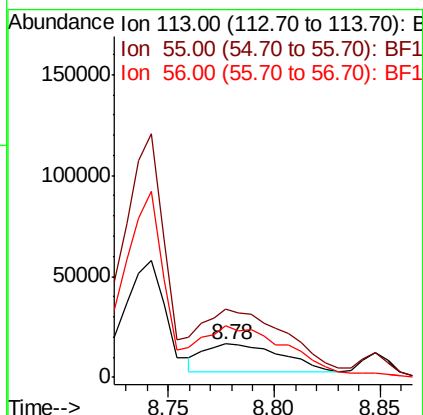




#35
Caprolactam
Concen: 11.556 ng
RT: 8.78 min Scan# 1095
Delta R.T. 0.04 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

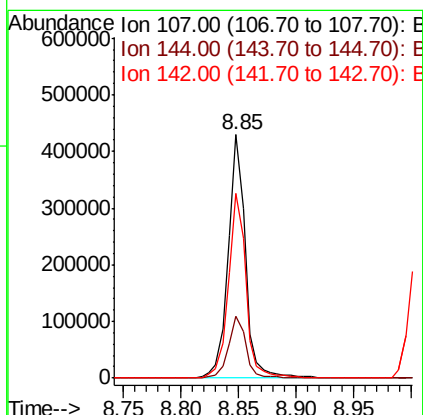
Instrument :
BNA_F
ClientSampleId :
PB112189BS

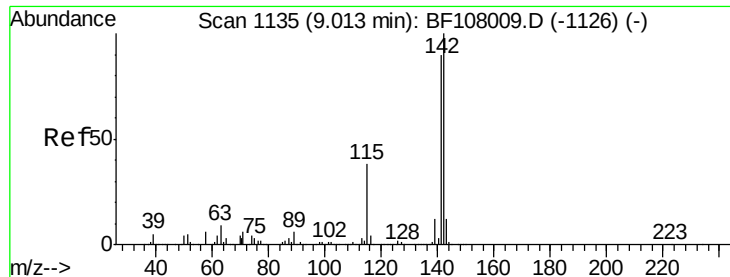
Tot Ion:113 Resp: 35956
Ion Ratio Lower Upper
113 100
55 201.4 163.3 203.3
56 152.0 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 41.732 ng
RT: 8.85 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:107 Resp: 447012
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 76.0 62.0 93.0

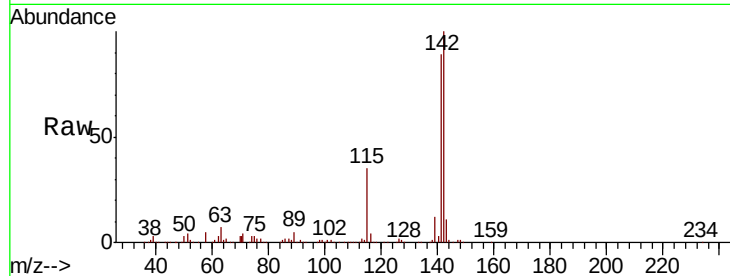




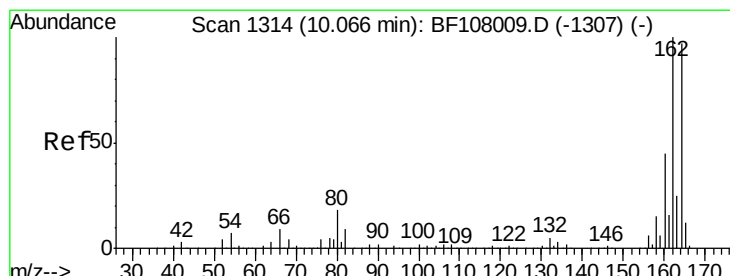
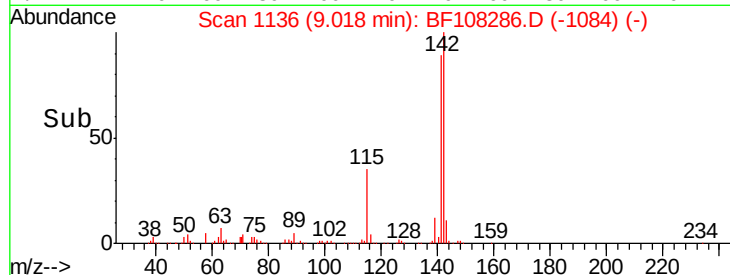
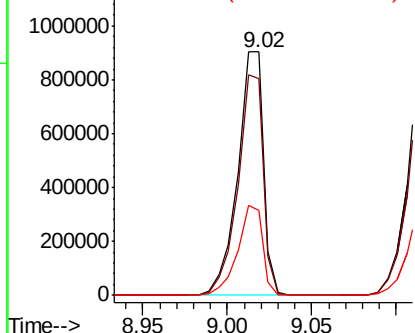
#37
2-Methylnaphthalene
Concen: 41.996 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	34.7	26.1	39.1

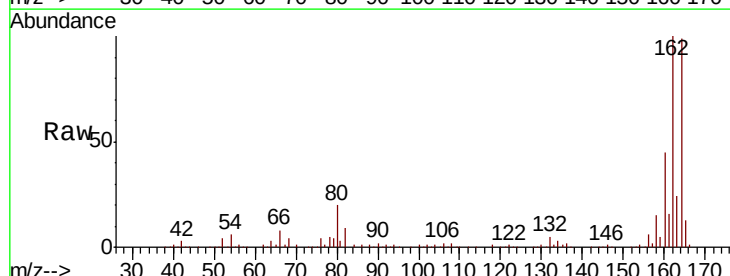


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

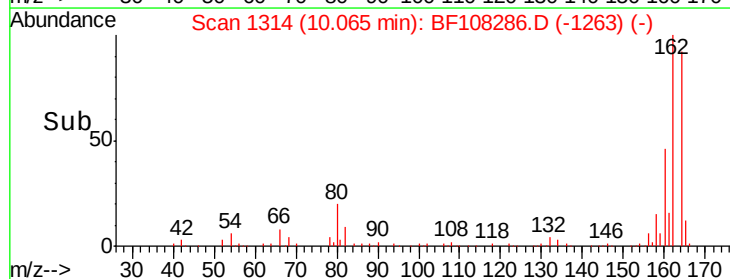
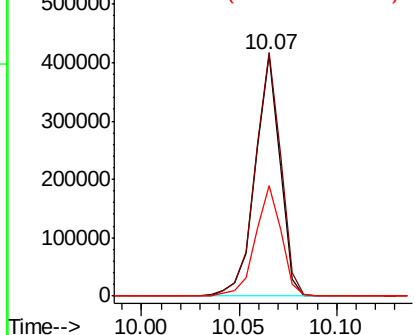


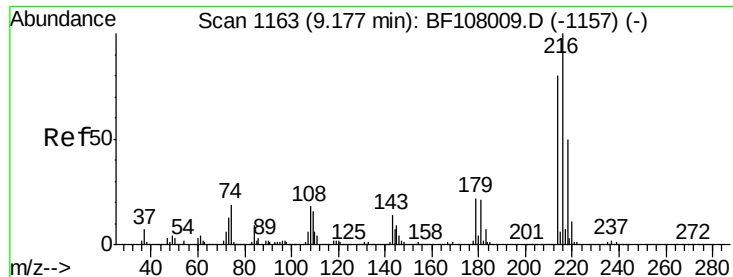
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.9	38.3	57.5



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

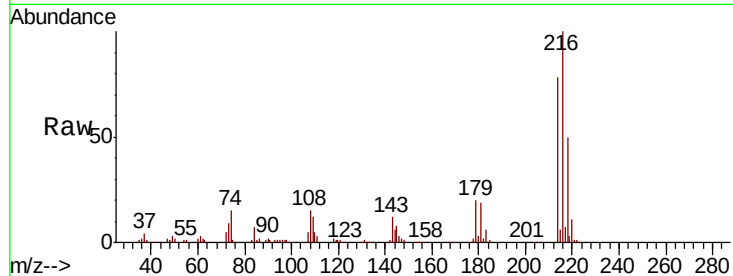




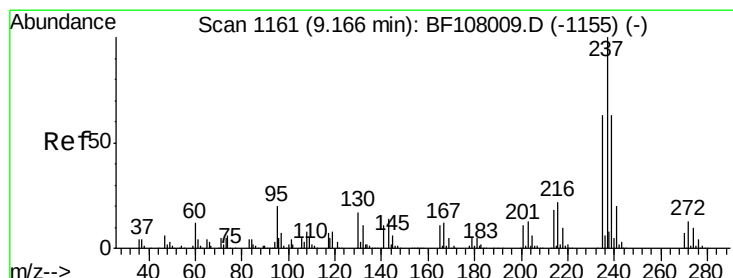
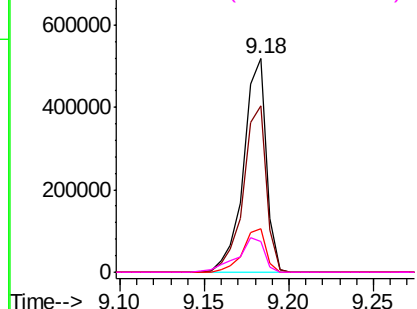
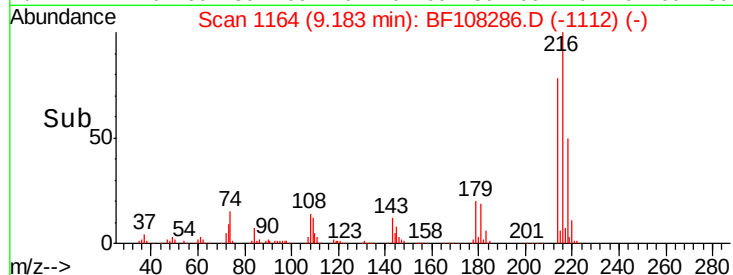
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.653 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion:216	Resp:	486863
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.0 94.4
179	20.7	18.1 27.1
108	19.3	17.2 25.8

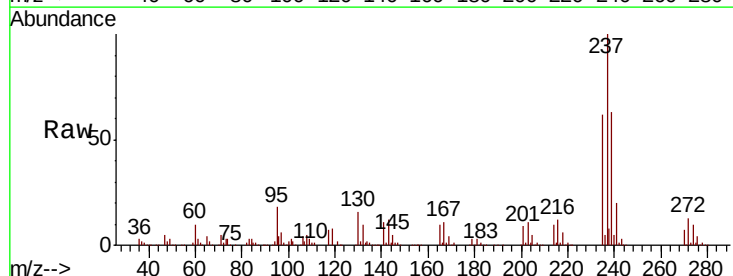


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

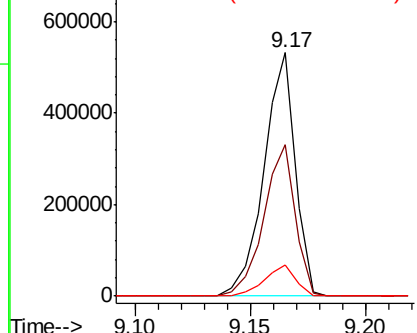
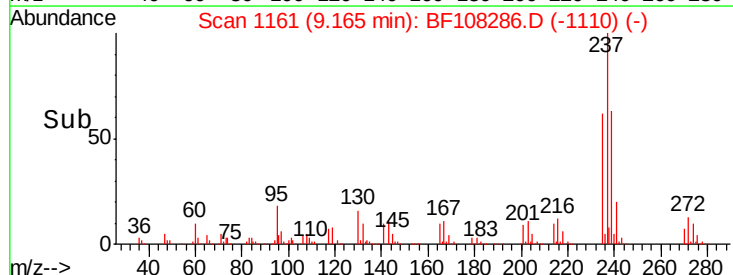


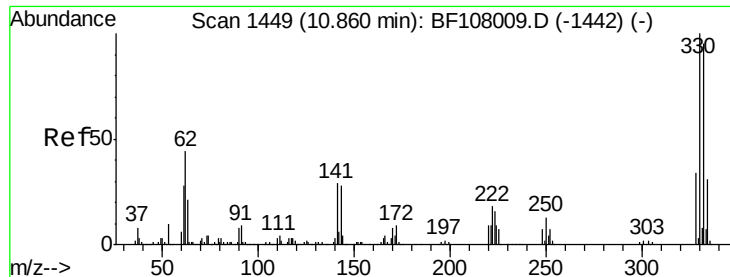
#40
 Hexachlorocyclopentadiene
 Concen: 69.574 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion:237	Resp:	501206
Ion Ratio	Lower	Upper
237	100	
235	62.0	44.8 84.8
272	12.8	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

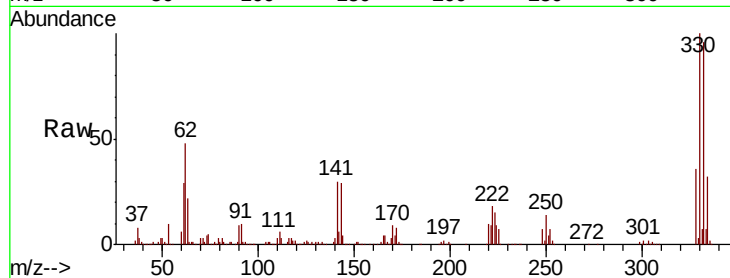




#41
 2,4,6-Tribromophenol
 Concen: 161.414 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.6	29.9	44.9

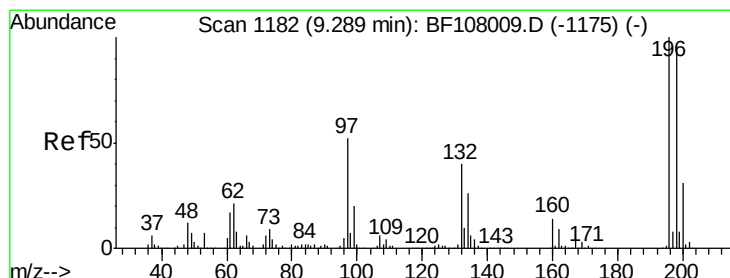
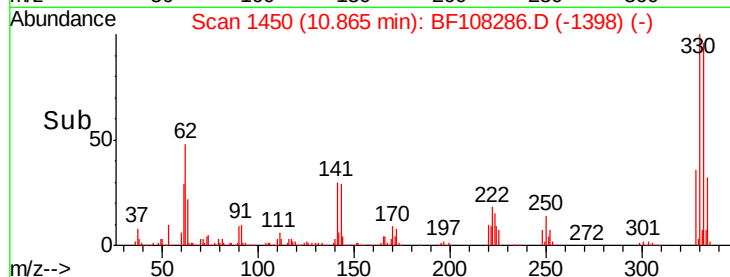
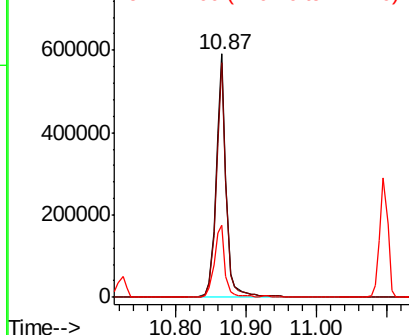


Abundance

Ion 329.80 (329.50 to 330.50): E

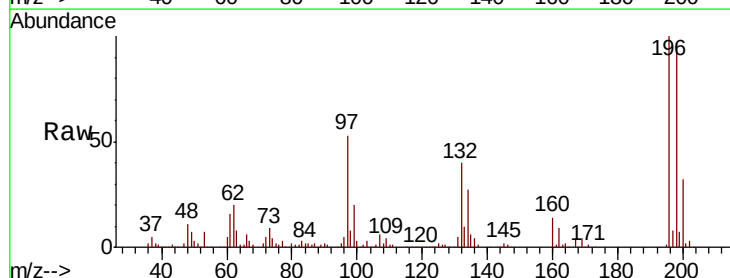
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.386 ng
 RT: 9.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
200	32.2	24.5	36.7

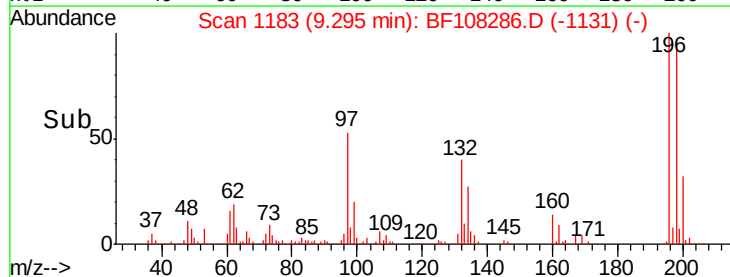
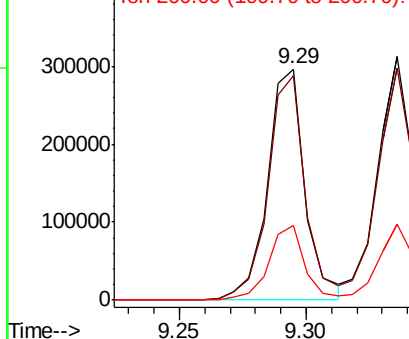


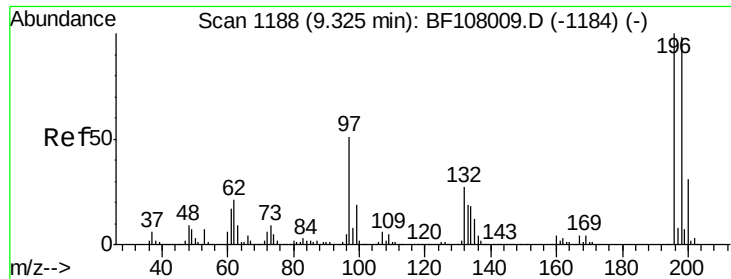
Abundance

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

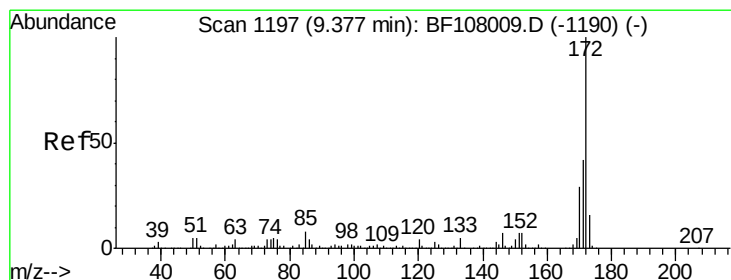
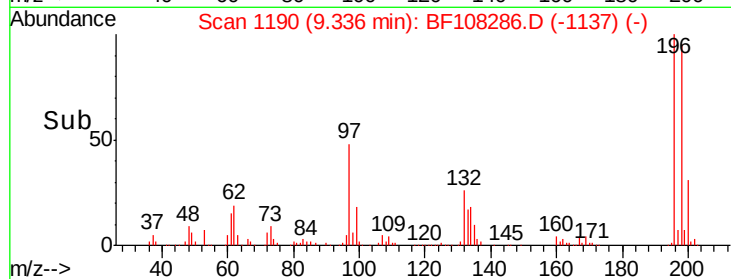
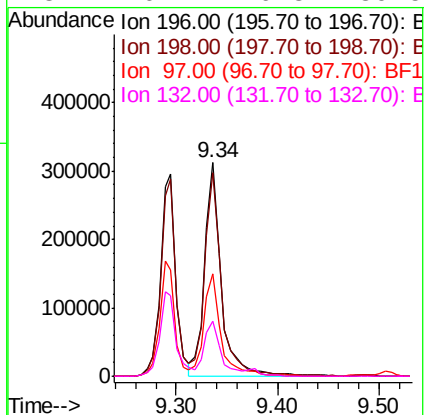
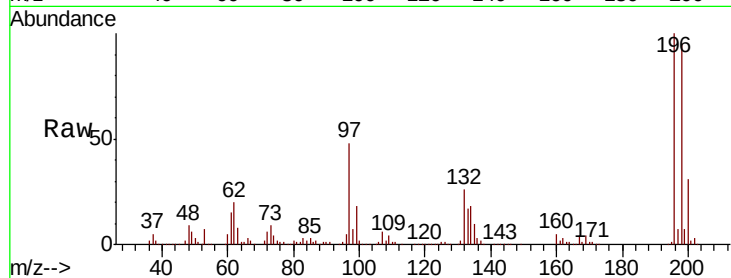




#43
 2,4,5-Trichlorophenol
 Concen: 46.396 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

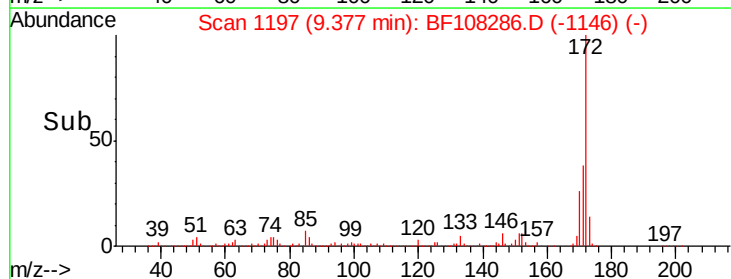
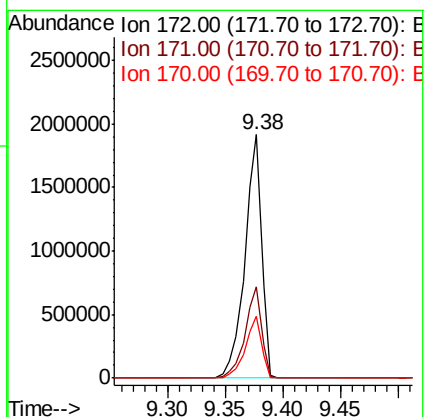
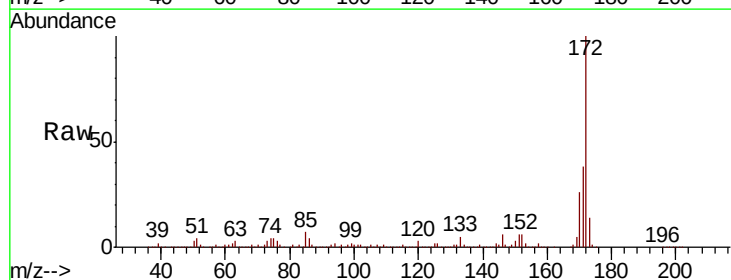
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

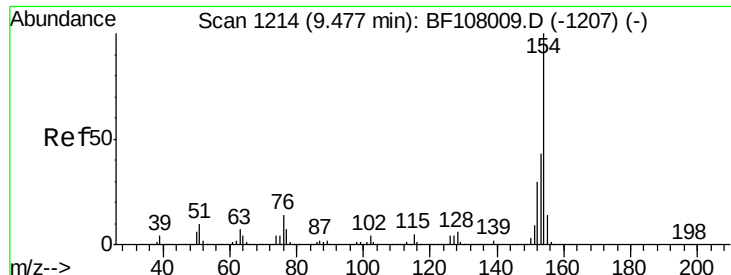
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	48.2	42.9	64.3
132	26.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 84.900 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.6	19.6	29.4

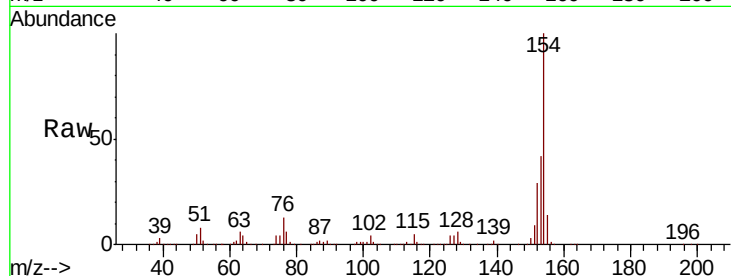




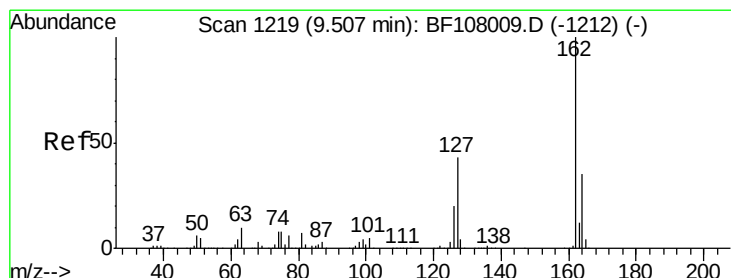
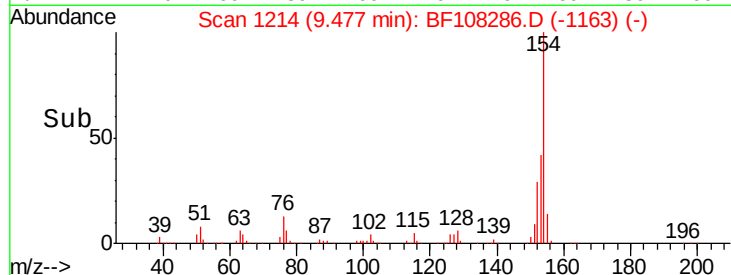
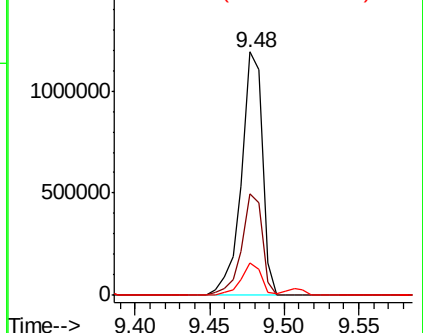
#45
 1,1'-Biphenyl
 Concen: 43.547 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion:154 Resp: 1166087
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 13.5 0.0 34.0

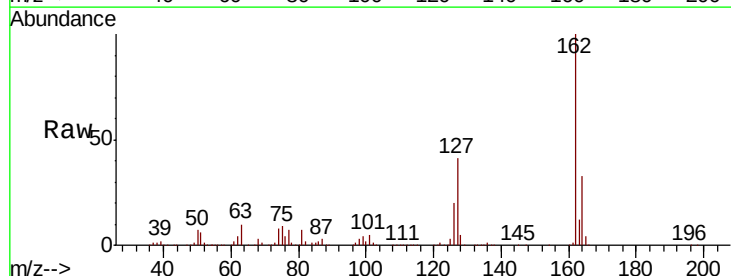


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

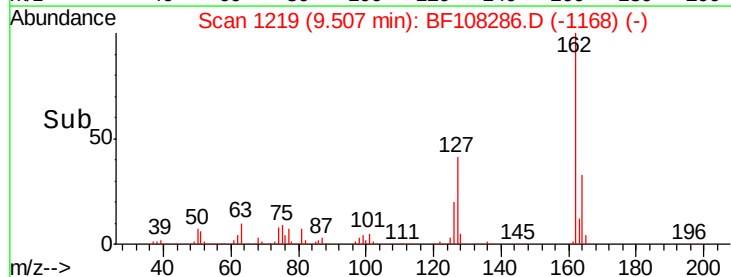
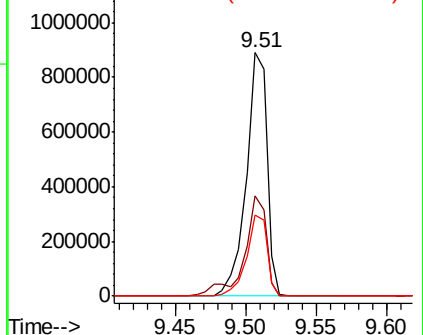


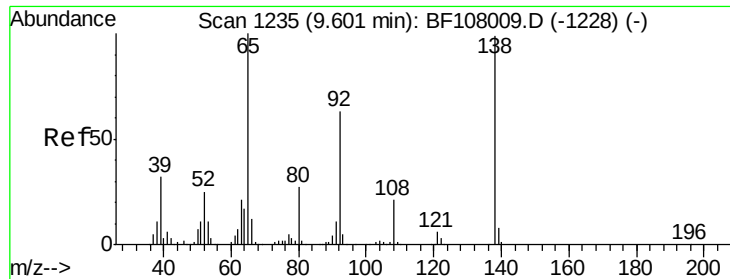
#46
 2-Chloronaphthalene
 Concen: 43.343 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion:162 Resp: 917314
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.9 50.9
 164 33.3 26.5 39.7



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





#47

2-Nitroaniline

Concen: 44.211 ng

RT: 9.60 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

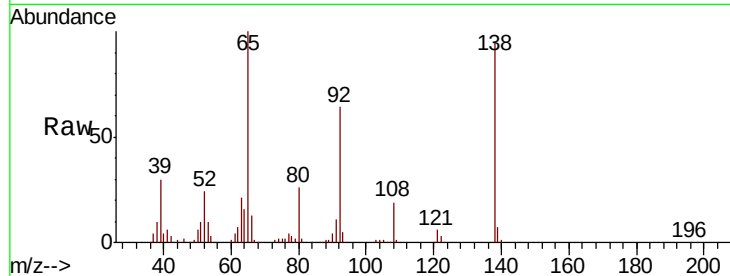
Tot Ion: 65 Resp: 302750

Ion Ratio Lower Upper

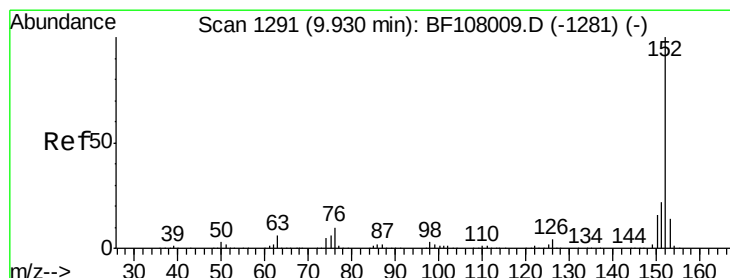
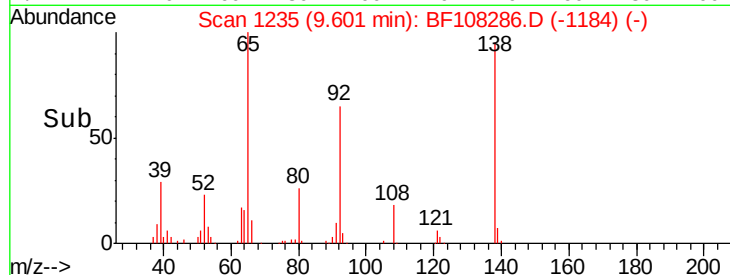
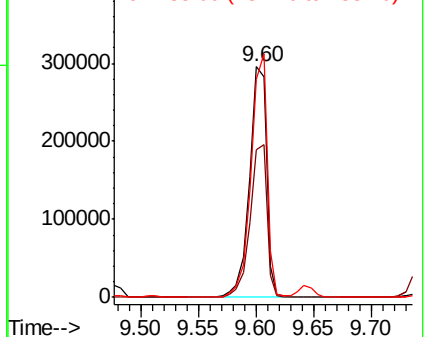
65 100

92 64.2 55.8 83.6

138 94.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 43.253 ng

RT: 9.93 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

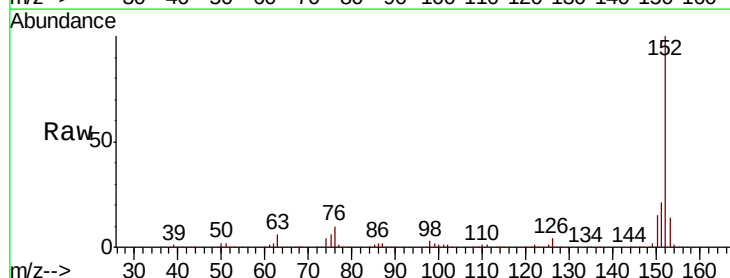
Tgt Ion: 152 Resp: 1447199

Ion Ratio Lower Upper

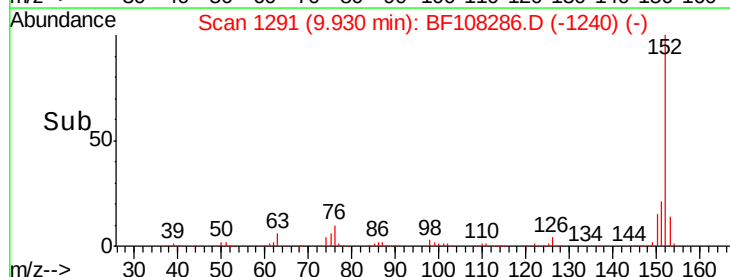
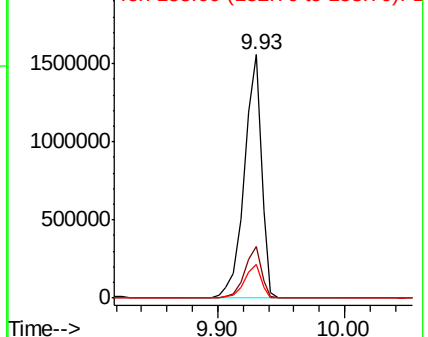
152 100

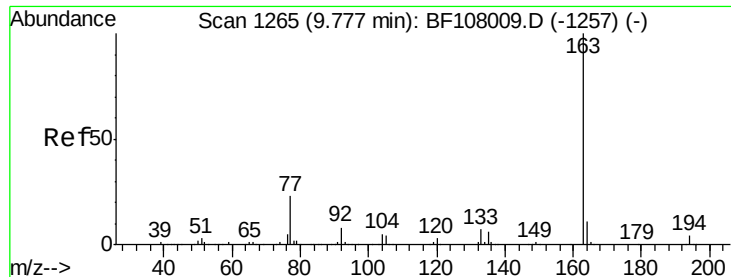
151 21.1 16.3 24.5

153 13.8 10.7 16.1



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

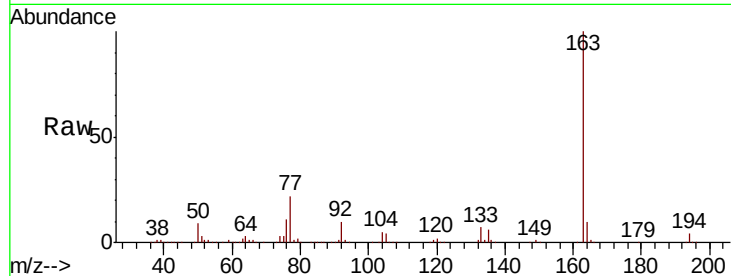




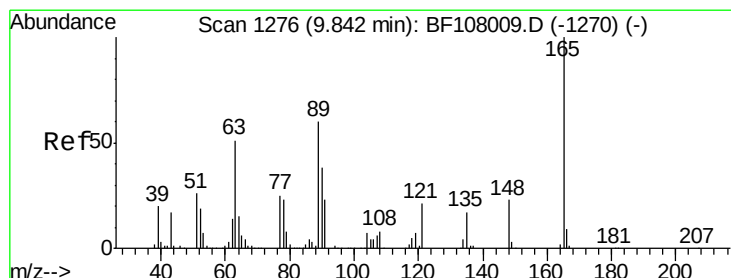
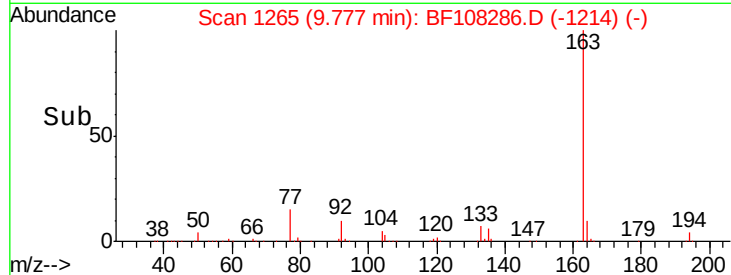
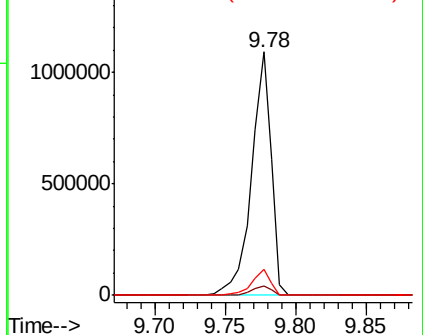
#49
Dimethylphthalate
Concen: 42.127 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion:163 Resp: 1065761
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

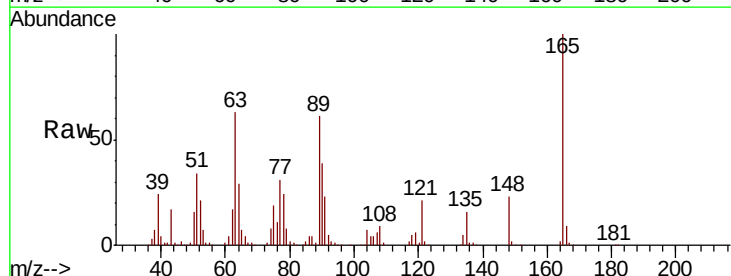


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

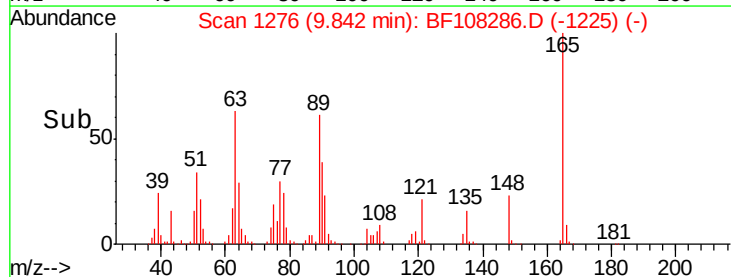
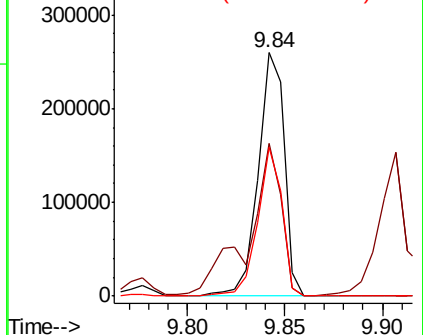


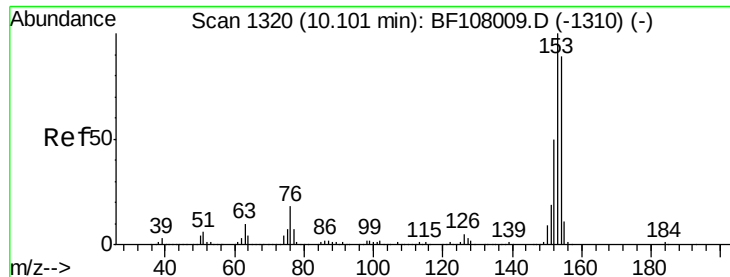
#50
2,6-Dinitrotoluene
Concen: 45.386 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:165 Resp: 240232
Ion Ratio Lower Upper
165 100
63 62.5 44.7 67.1
89 61.0 44.0 66.0



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





#51

Acenaphthene

Concen: 42.037 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

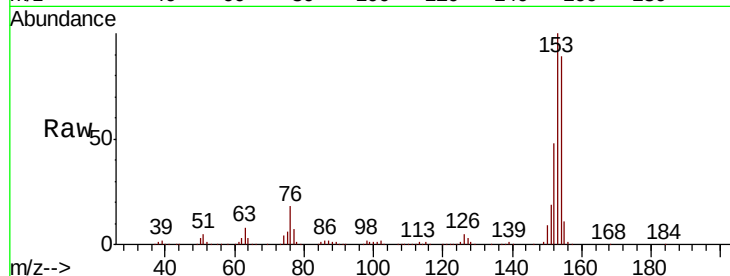
Tot Ion:154 Resp: 861473

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

152 54.4 43.8 65.8

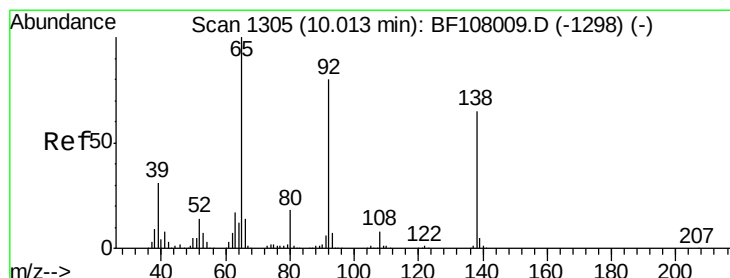
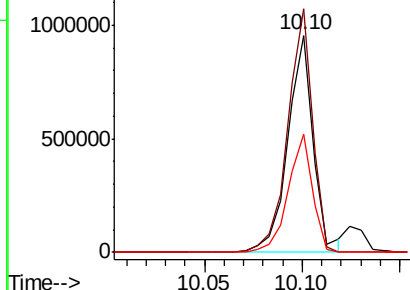
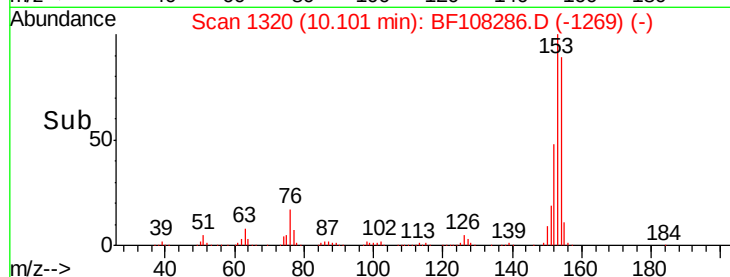


Abundance

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



#52

3-Nitroaniline

Concen: 32.738 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

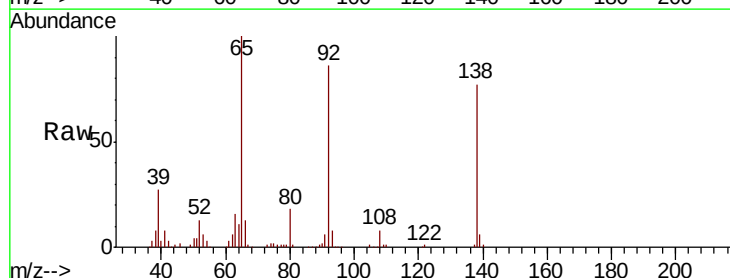
Tgt Ion:138 Resp: 189595

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 111.8 89.4 134.2

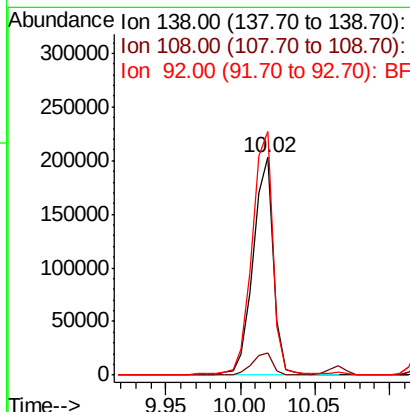
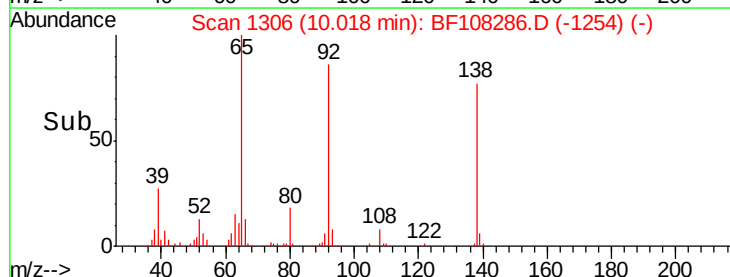


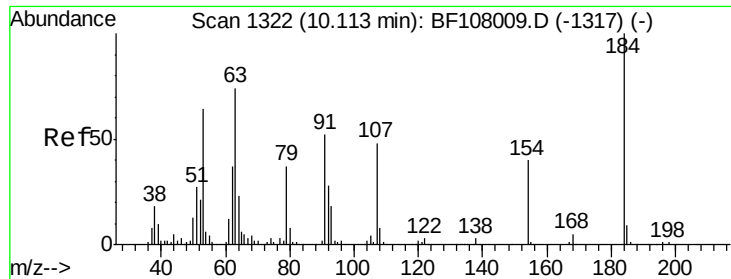
Abundance

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

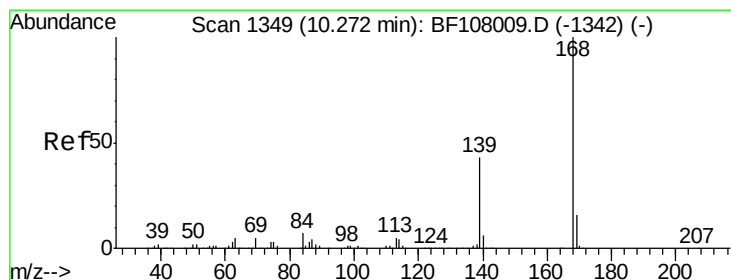
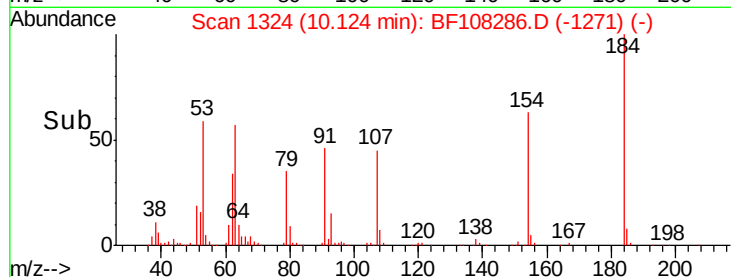
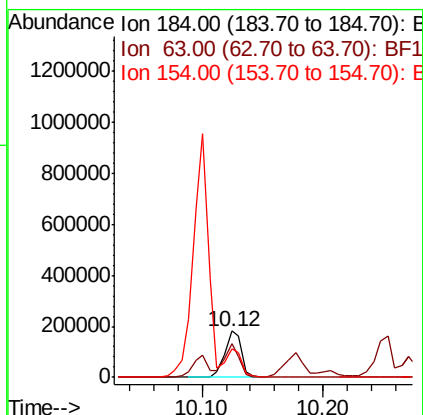
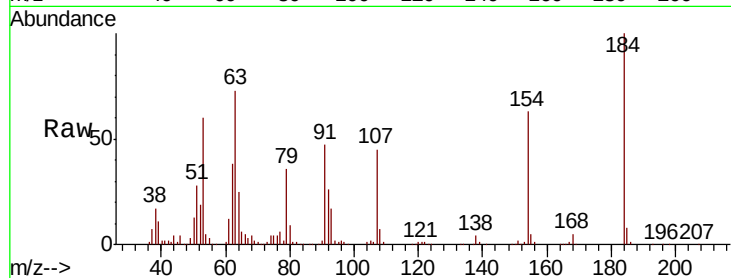




#53
2,4-Dinitrophenol
Concen: 89.010 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

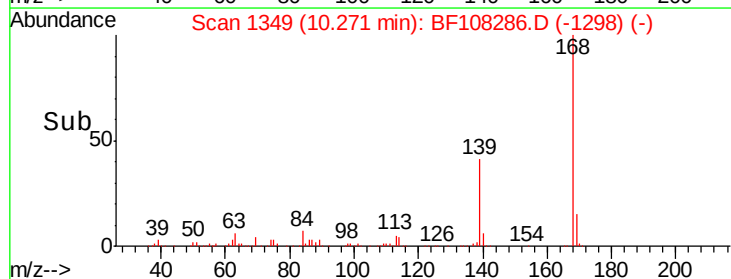
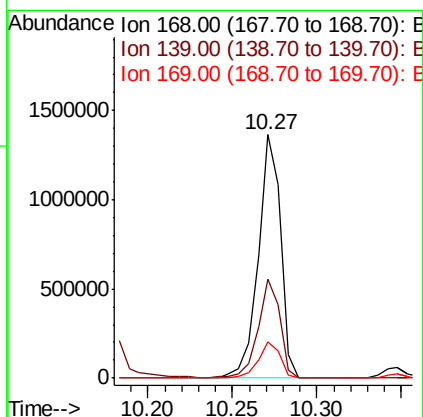
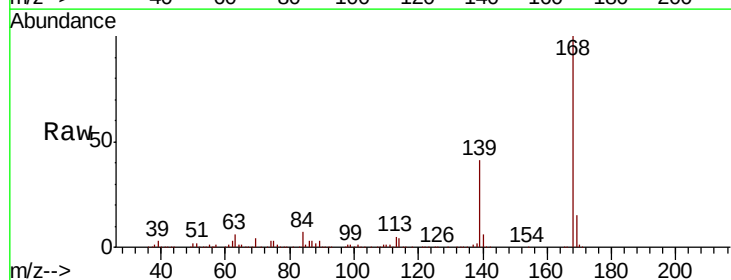
Instrument :
BNA_F
ClientSampleId :
PB112189BS

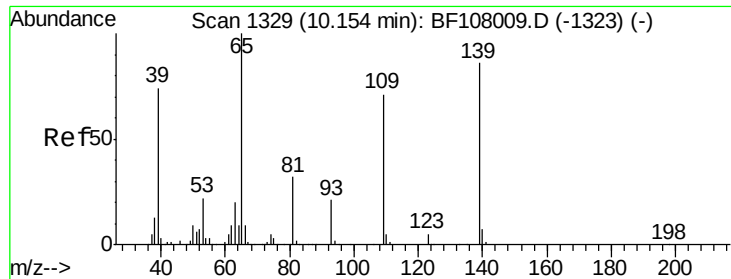
Tot Ion:184 Resp: 178034
Ion Ratio Lower Upper
184 100
63 73.4 54.2 81.2
154 62.5 184.0 276.0#



#54
Dibenzofuran
Concen: 42.363 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:168 Resp: 1257787
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 14.7 10.9 16.3

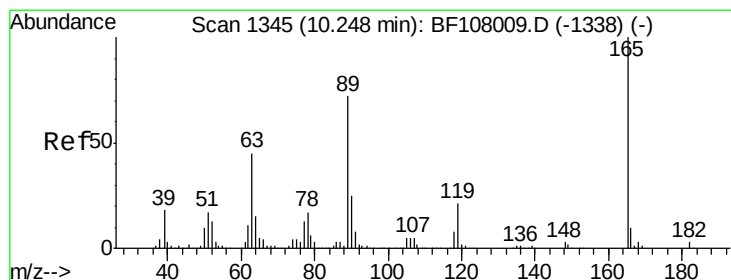
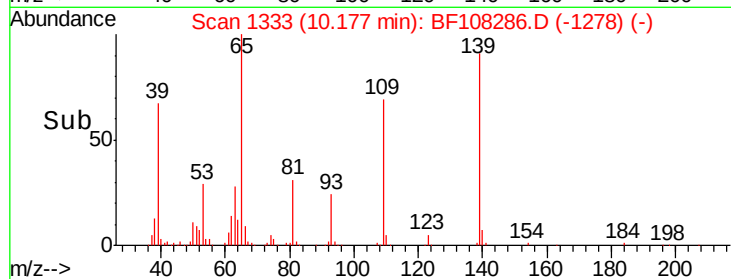
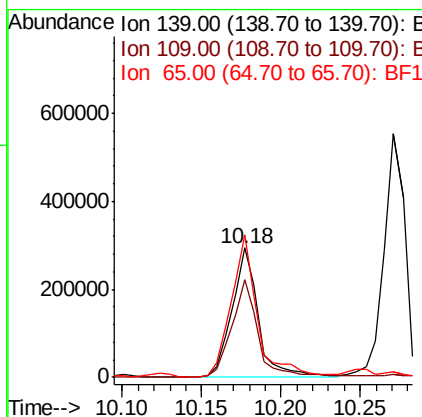
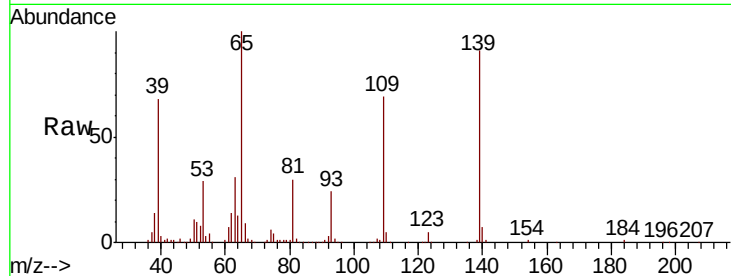




#55
4-Nitrophenol
Concen: 77.880 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

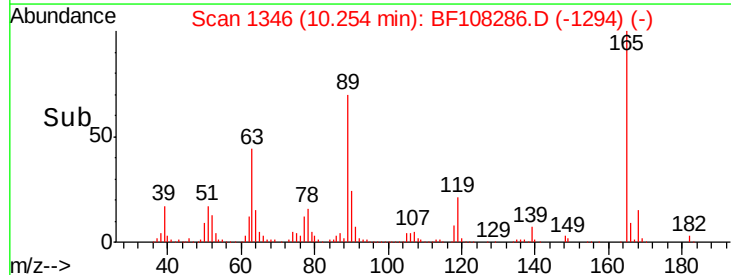
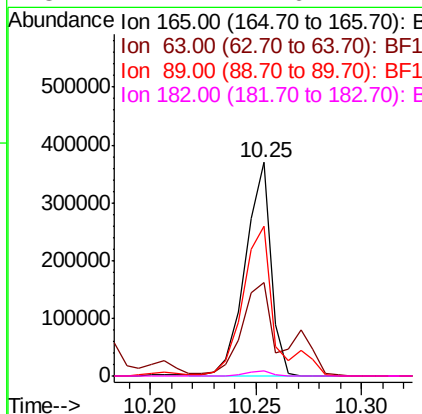
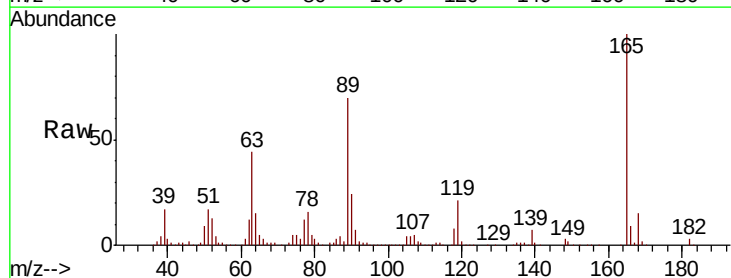
Instrument :
BNA_F
ClientSampleId :
PB112189BS

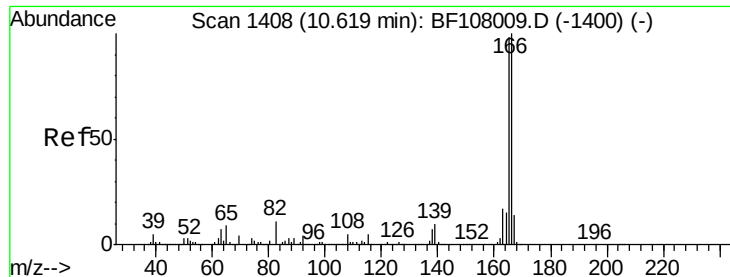
Tot Ion:139 Resp: 341537
Ion Ratio Lower Upper
139 100
109 75.9 48.4 88.4
65 109.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.893 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:165 Resp: 312674
Ion Ratio Lower Upper
165 100
63 43.9 36.4 54.6
89 69.9 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 42.898 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

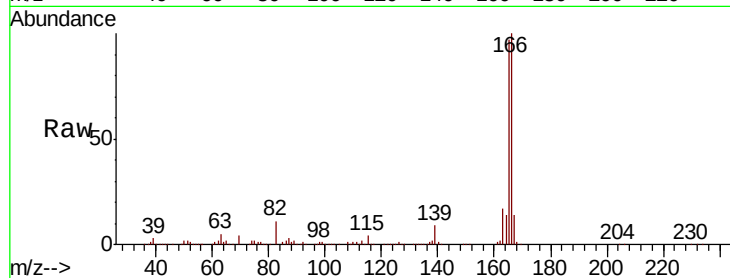
Tot Ion:166 Resp: 1008251

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

167 13.9 10.6 16.0

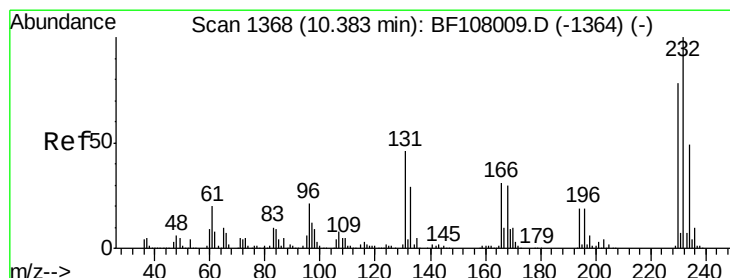
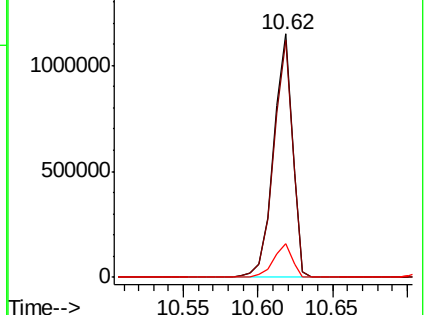
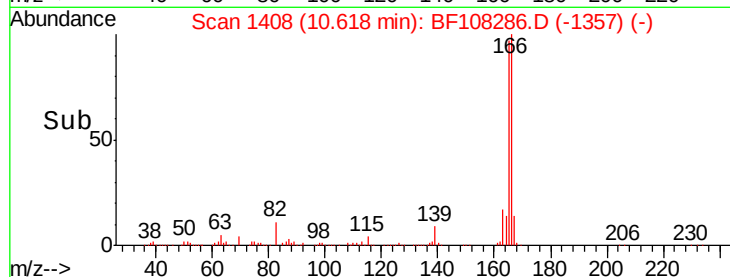


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.582 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion:232 Resp: 303004

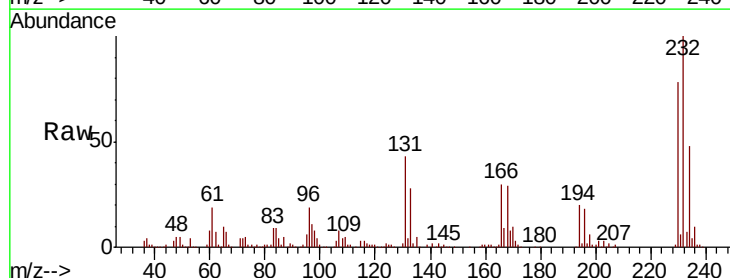
Ion Ratio Lower Upper

232 100

131 40.1 43.8 65.8#

130 2.2 2.1 3.1

166 27.4 27.8 41.6#



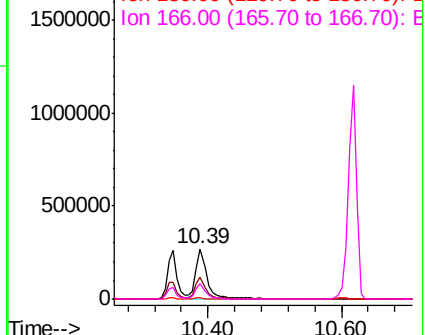
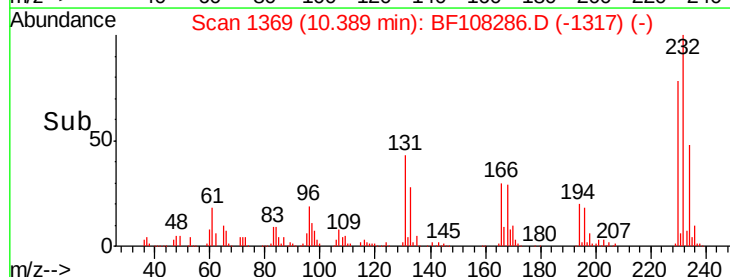
Abundance

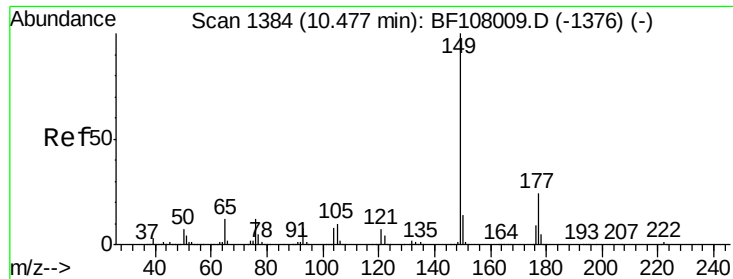
Ion 232.00 (231.70 to 232.70): E

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

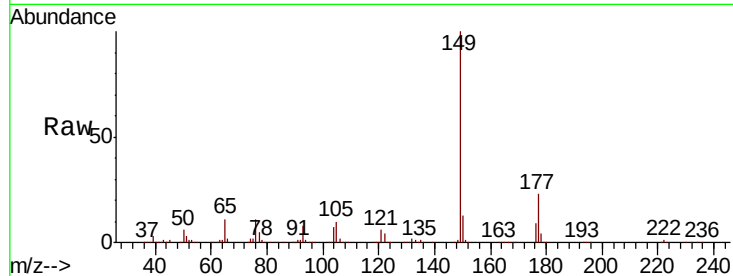




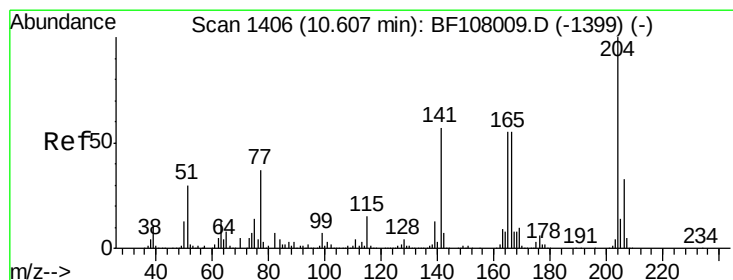
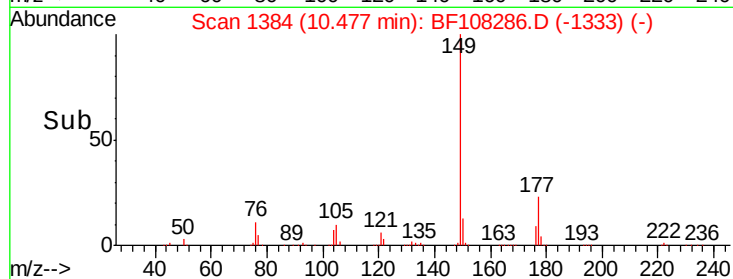
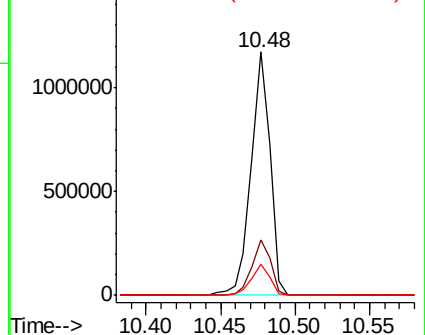
#59
Diethylphthalate
Concen: 42.115 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion:149 Resp: 1031717
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.9 10.1 15.1

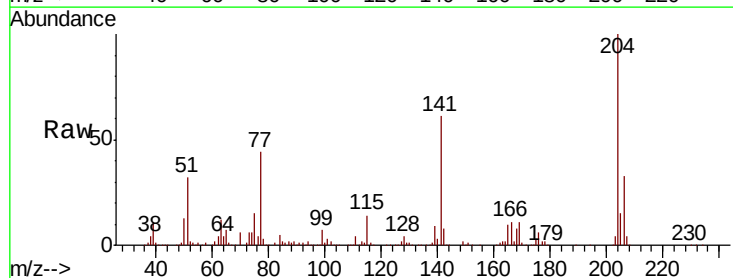


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

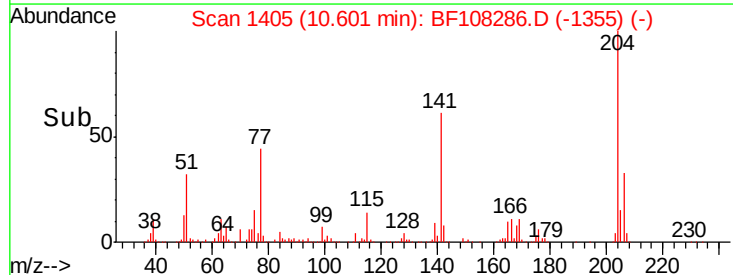
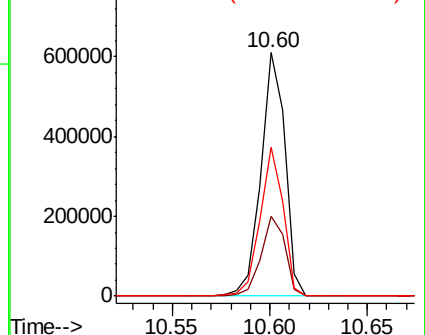


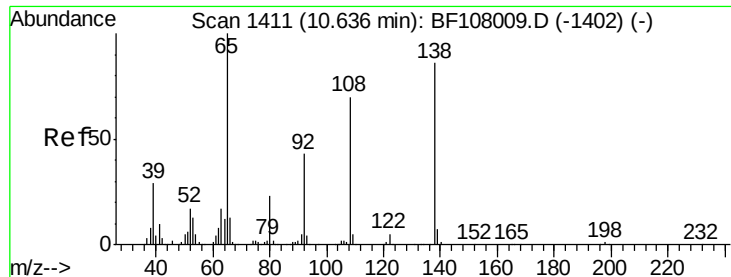
#60
4-Chlorophenyl-phenylether
Concen: 42.455 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:204 Resp: 519952
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 61.1 54.6 81.8



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

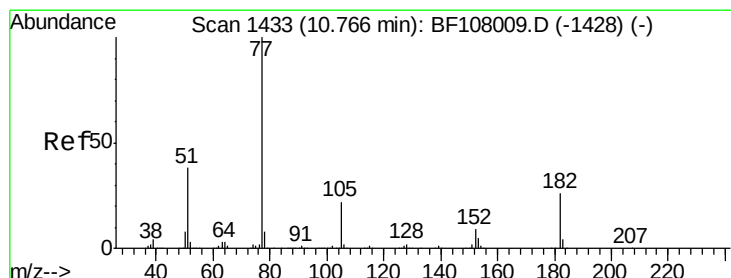
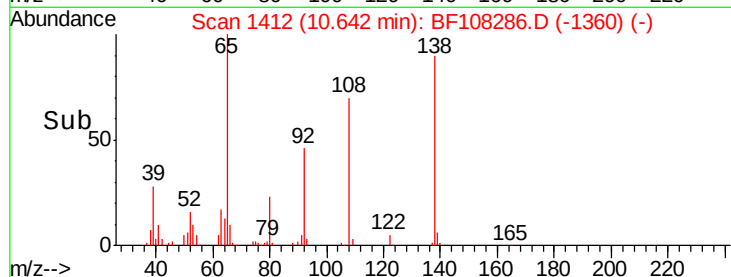
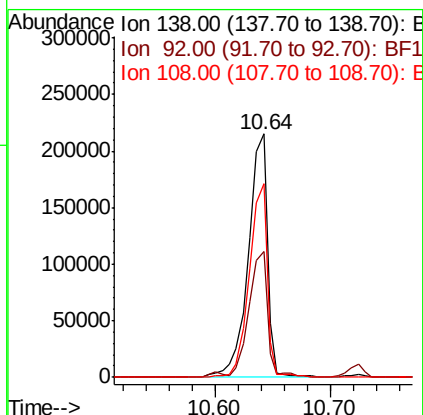
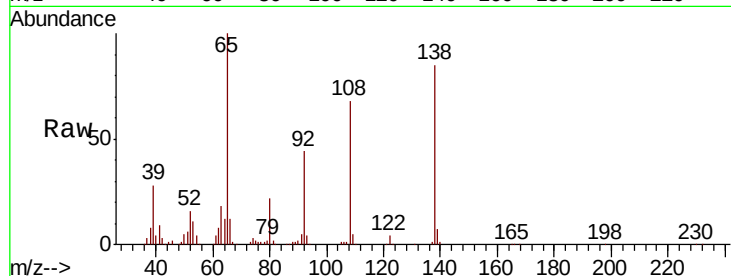




#61
4-Nitroaniline
Concen: 43.617 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

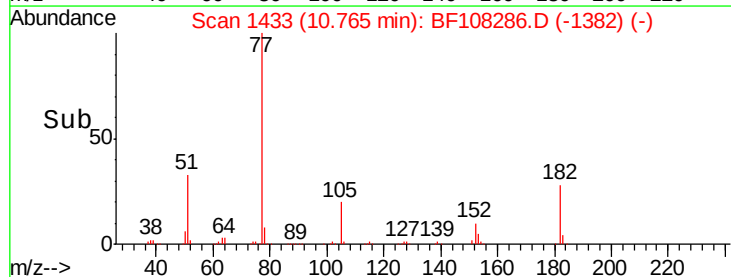
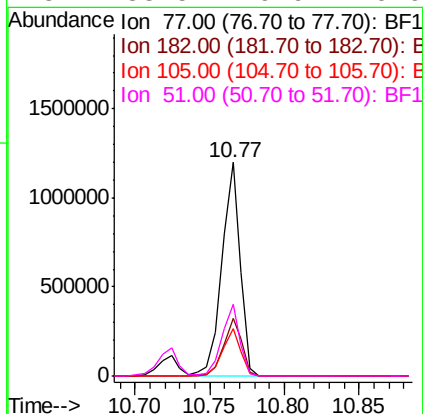
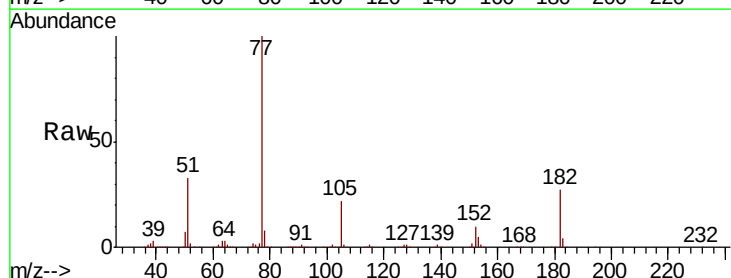
Instrument :
BNA_F
ClientSampleId :
PB112189BS

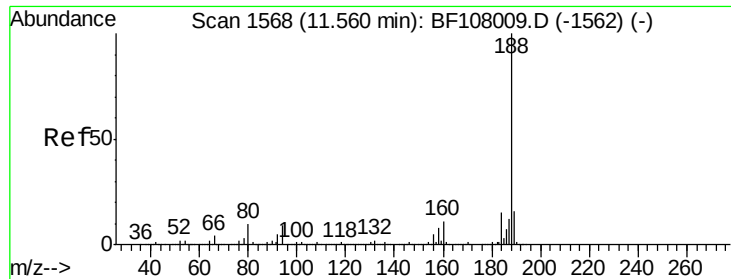
Tot Ion:138 Resp: 249736
Ion Ratio Lower Upper
138 100
92 51.8 30.2 70.2
108 79.8 52.5 92.5



#62
Azobenzene
Concen: 41.030 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion: 77 Resp: 1038030
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 21.9 3.0 43.0
51 33.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

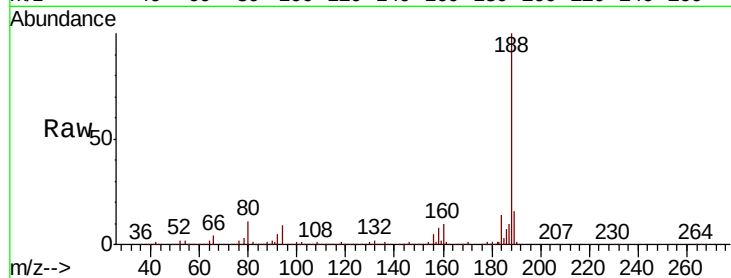
Tot Ion:188 Resp: 726977

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

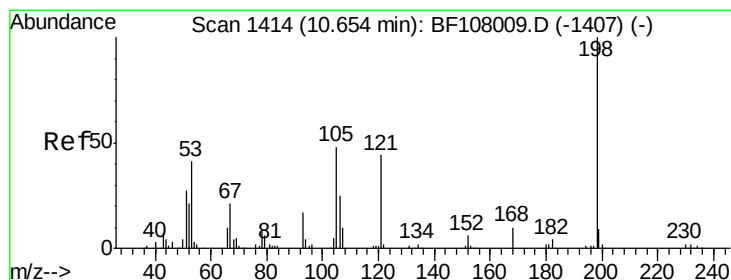
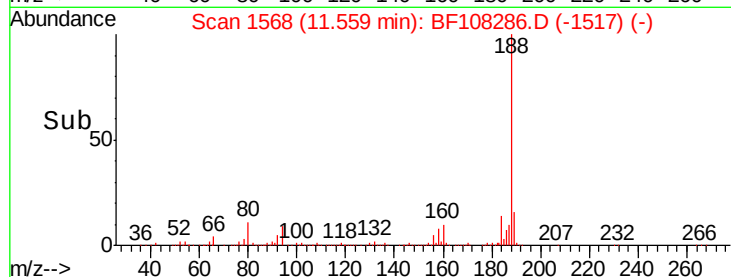
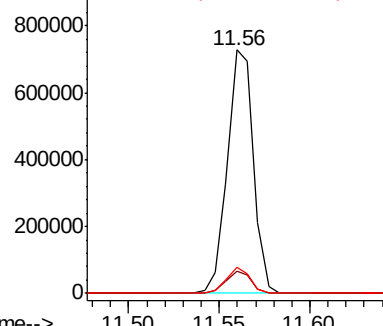
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 44.095 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

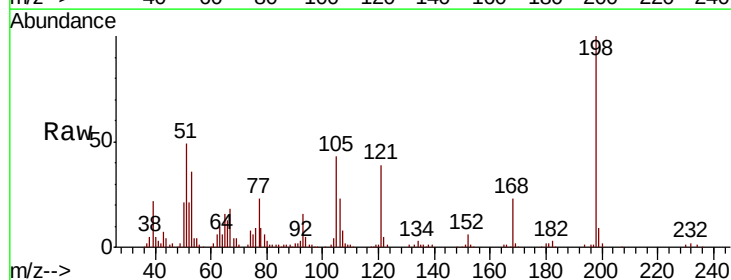
Tgt Ion:198 Resp: 119012

Ion Ratio Lower Upper

198 100

51 48.8 37.7 77.7

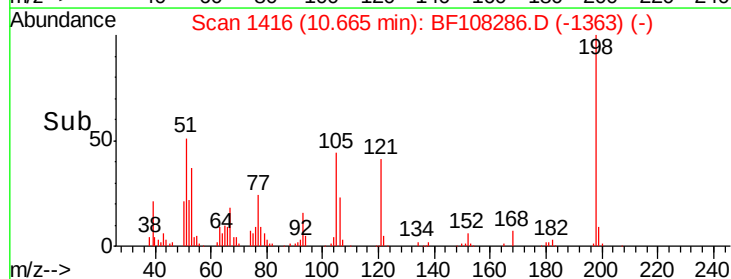
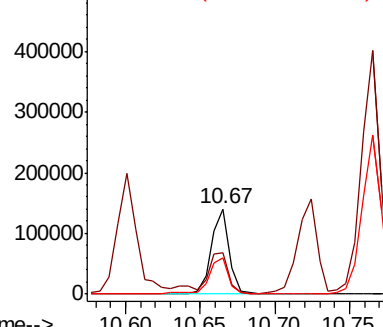
105 42.6 36.3 76.3

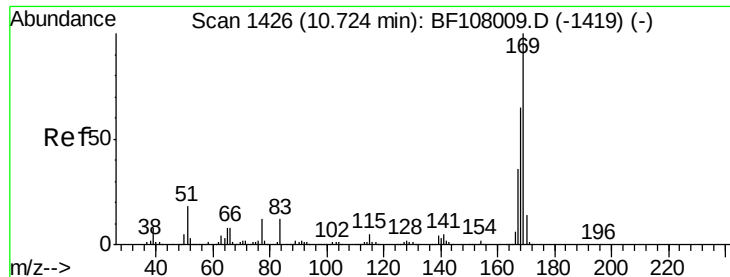


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

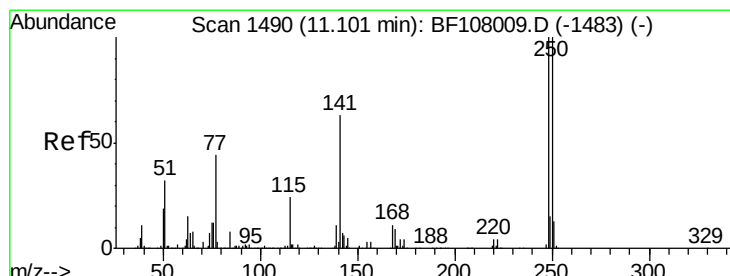
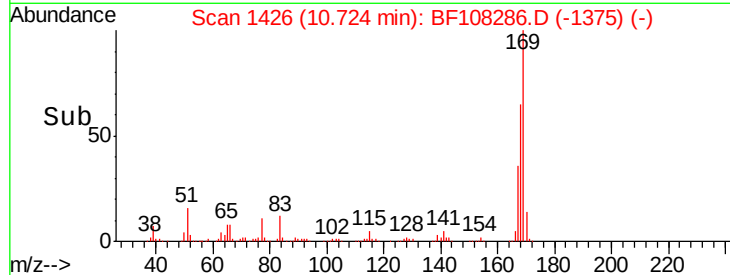
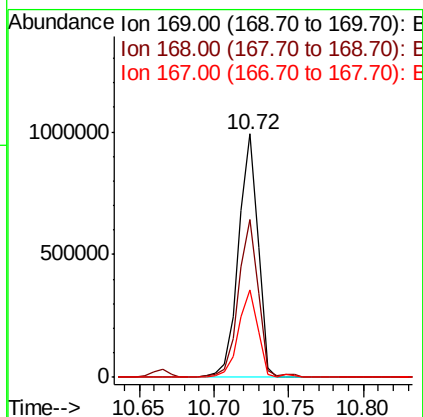
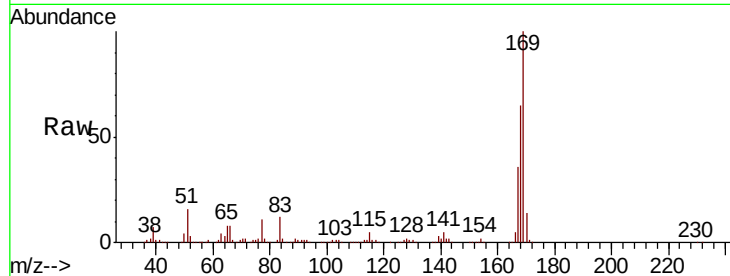




#65
 n-Nitrosodiphenylamine
 Concen: 42.304 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

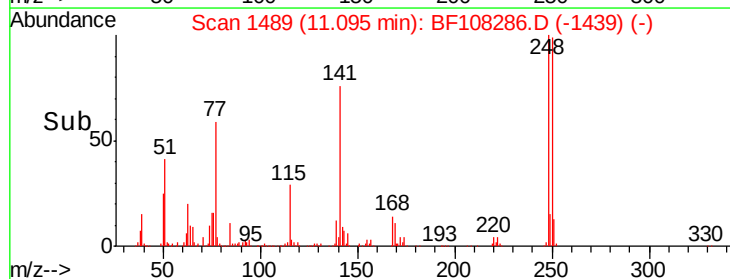
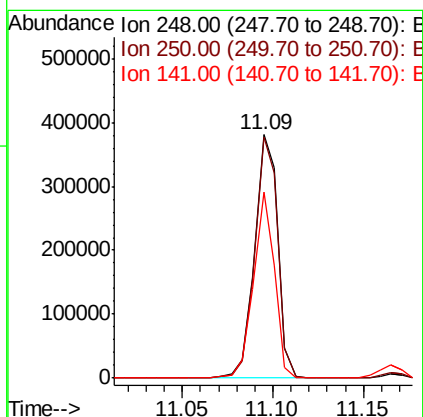
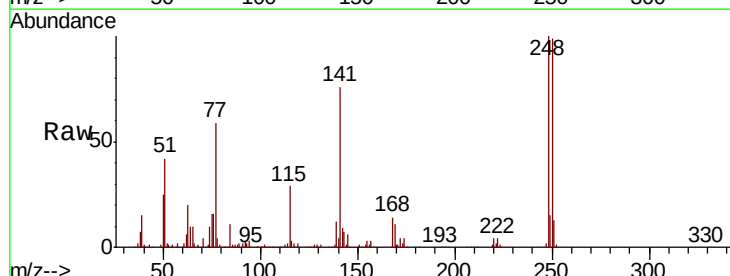
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

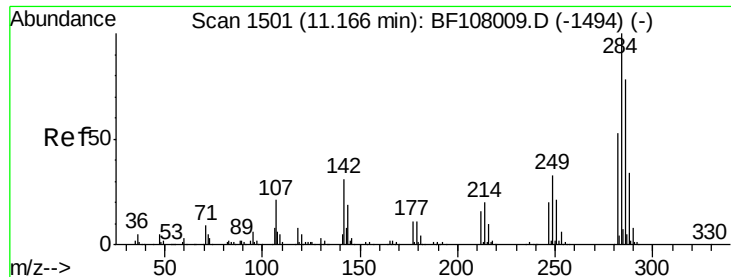
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.0	54.4	81.6
167	36.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.546 ng
 RT: 11.09 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	76.2	74.4	111.6

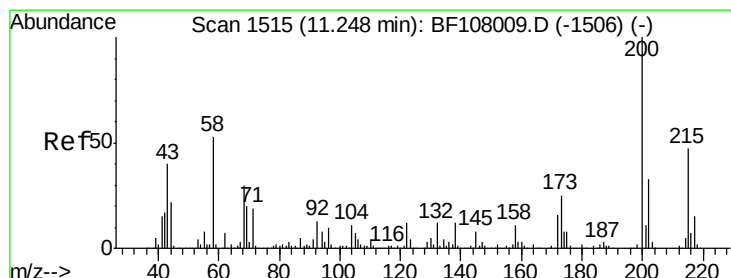
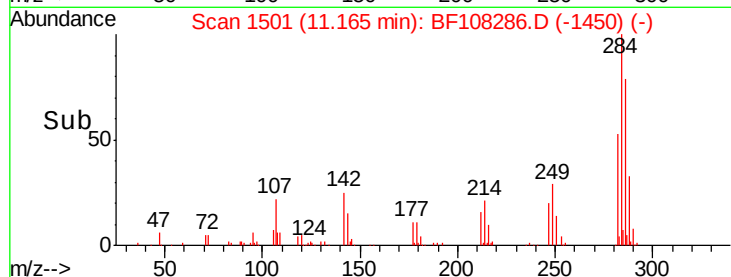
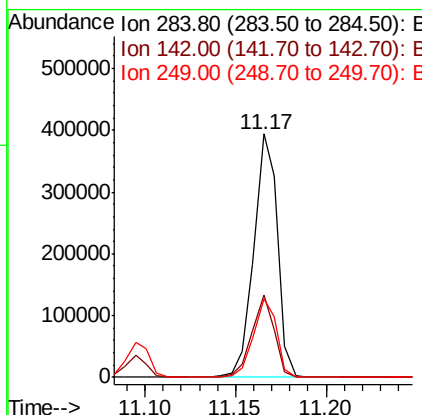
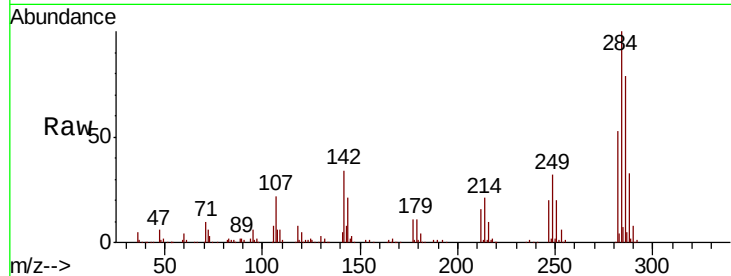




#67
Hexachlorobenzene
Concen: 42.889 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

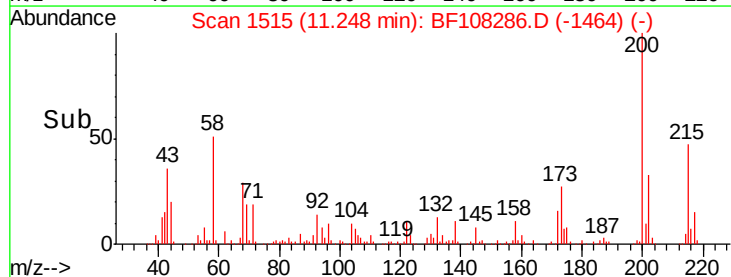
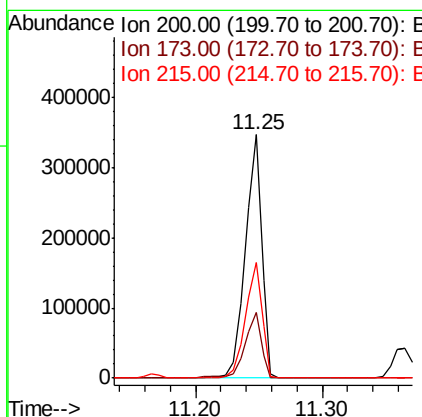
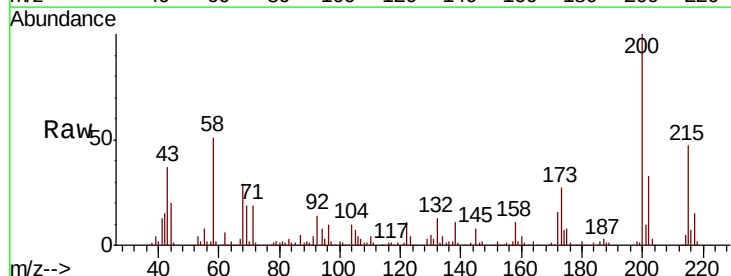
Instrument :
BNA_F
ClientSampleId :
PB112189BS

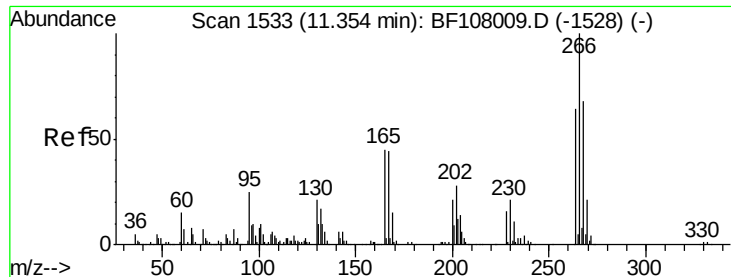
Tot Ion:284 Resp: 356510
Ion Ratio Lower Upper
284 100
142 34.0 34.6 52.0#
249 32.4 24.8 37.2



#68
Atrazine
Concen: 42.846 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:200 Resp: 308722
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 47.3 25.1 65.1

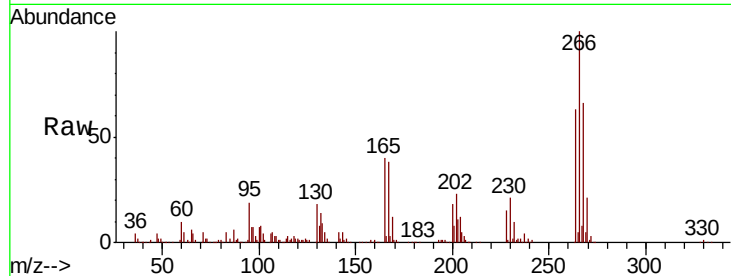




#69
 Pentachlorophenol
 Concen: 86.165 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	62.5	49.5	74.3

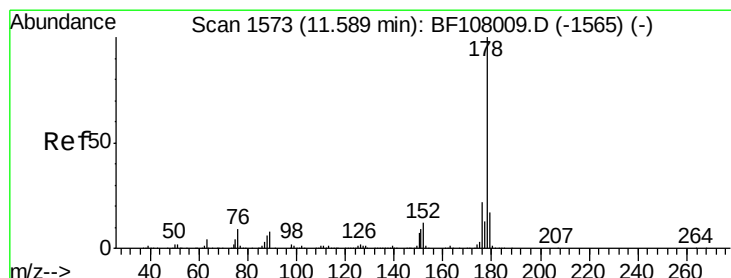
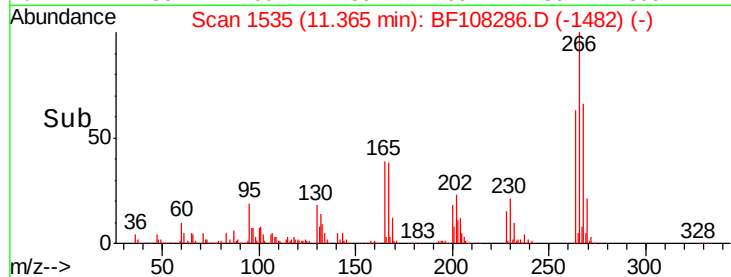
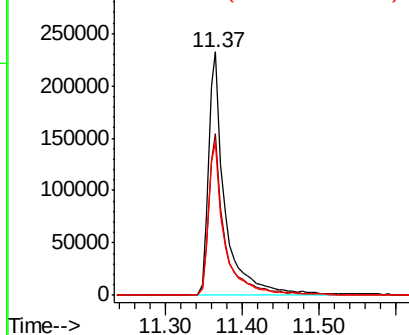


Abundance

Ion 265.70 (265.40 to 266.40): E

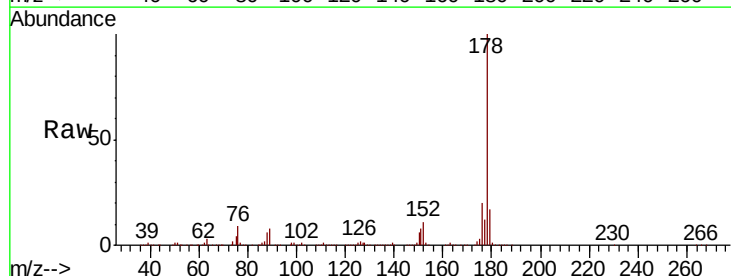
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.617 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.5	13.0	19.6

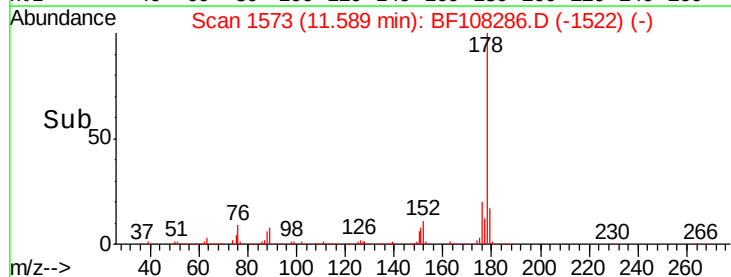
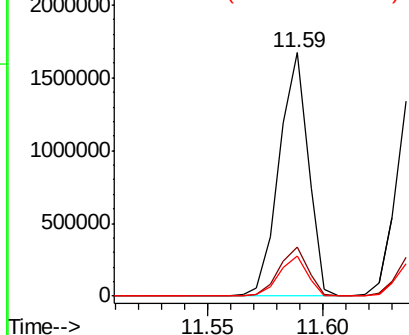


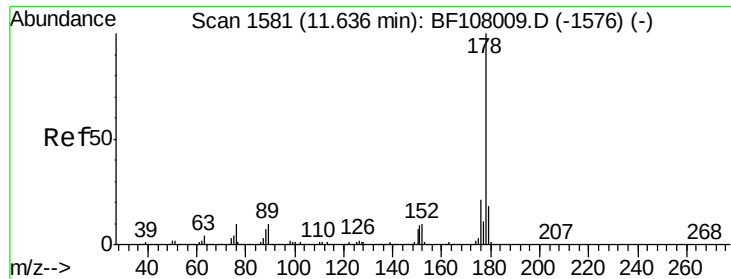
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

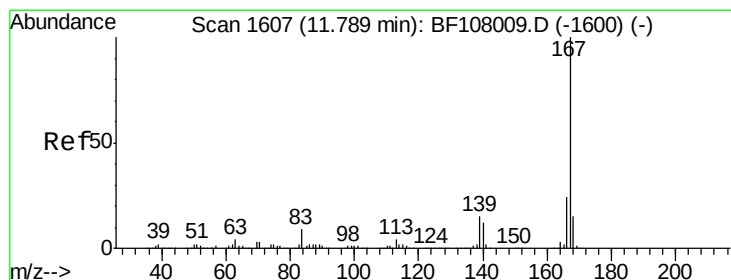
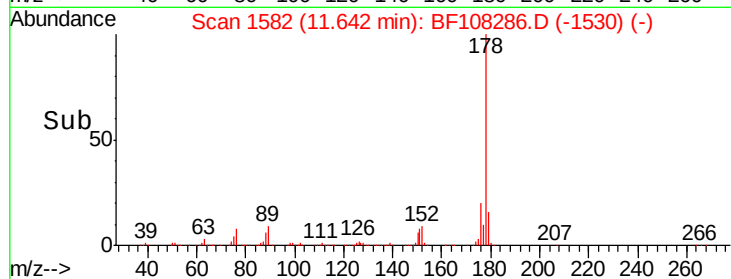
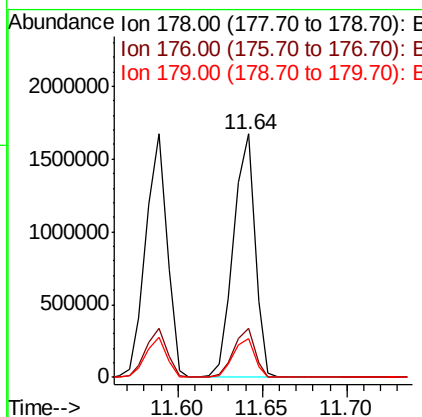
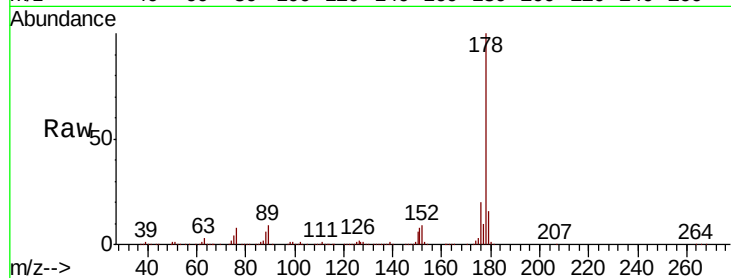




#71
 Anthracene
 Concen: 42.450 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

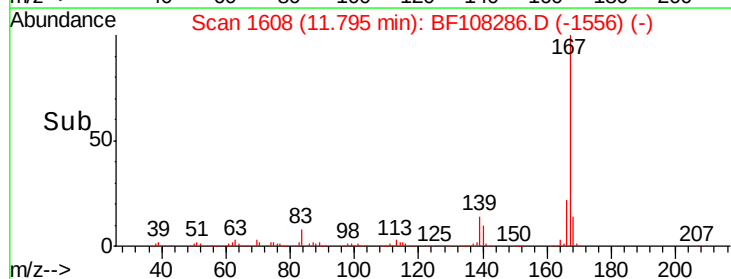
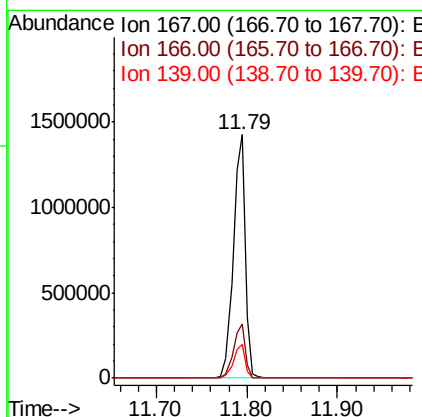
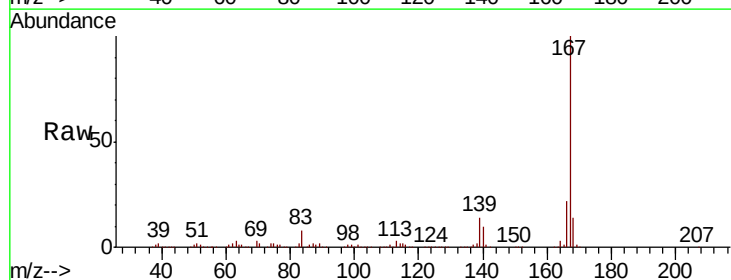
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

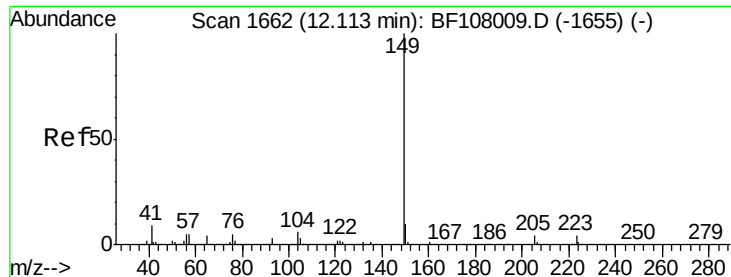
Tot Ion:178 Resp: 1491840
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 42.294 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion:167 Resp: 1320594
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.6 10.9 16.3

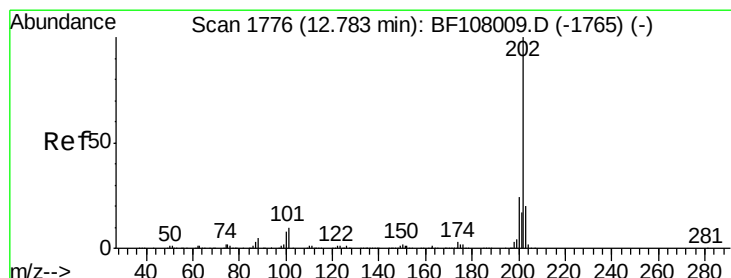
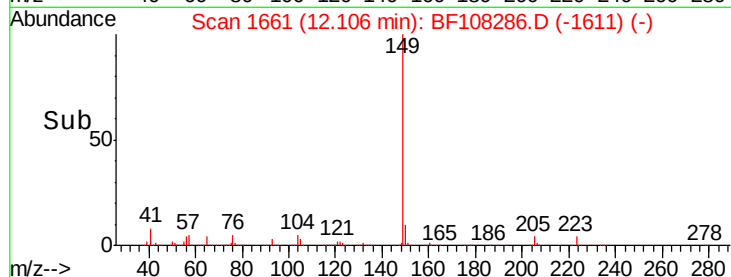
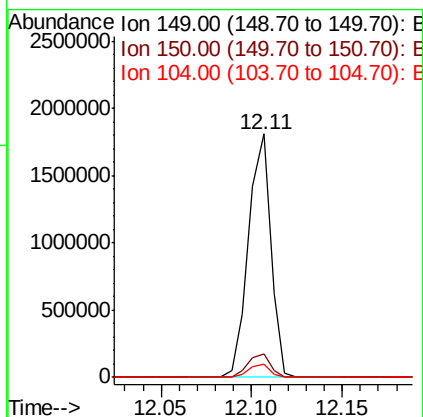
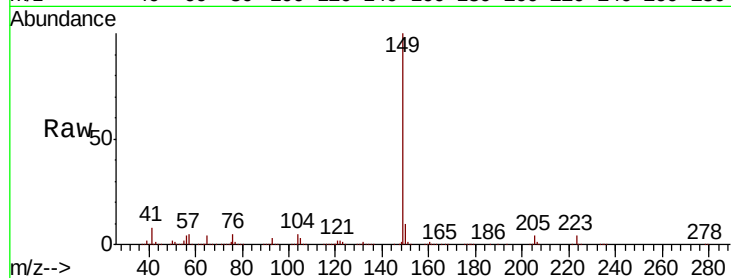




#73
Di-n-butylphthalate
Concen: 44.062 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

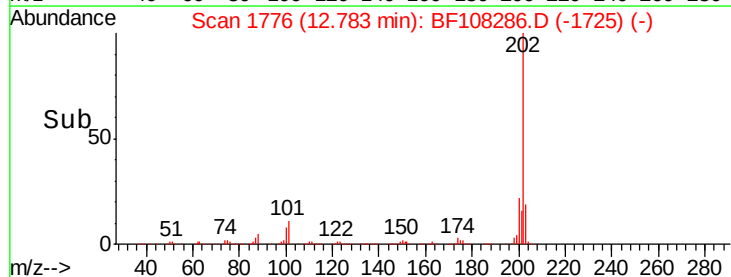
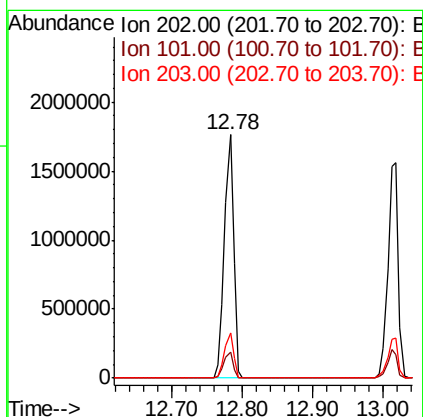
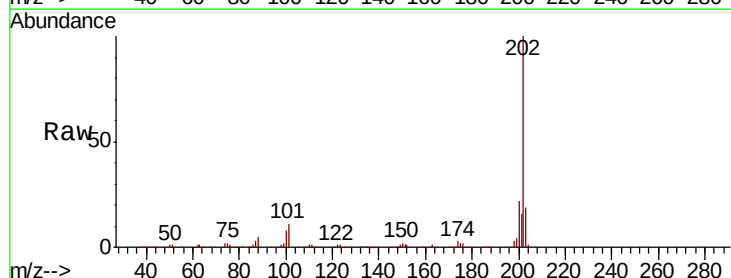
Instrument :
BNA_F
ClientSampleId :
PB112189BS

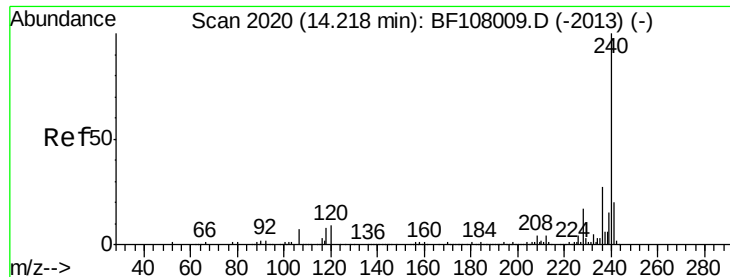
Tot Ion:149 Resp: 1558340
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.3 3.8 5.8



#74
Fluoranthene
Concen: 43.165 ng
RT: 12.78 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:202 Resp: 1615338
Ion Ratio Lower Upper
202 100
101 10.6 0.0 34.1
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

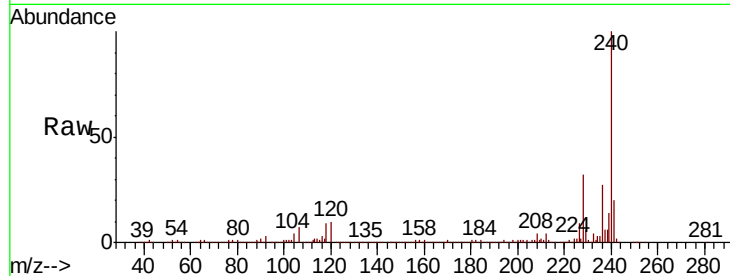
Tot Ion:240 Resp: 572785

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

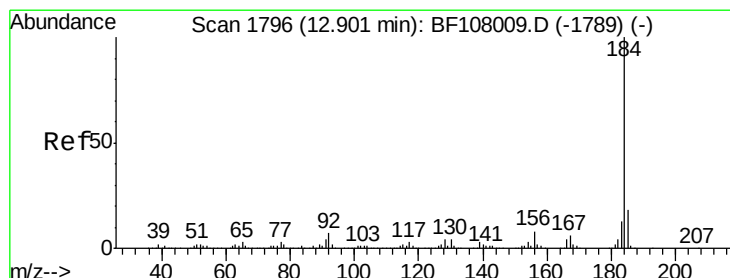
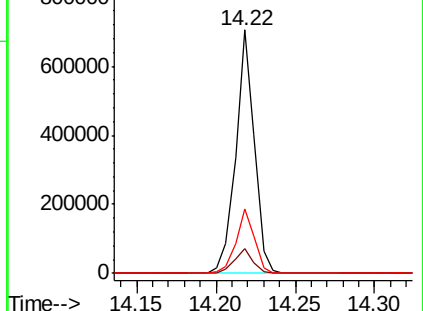
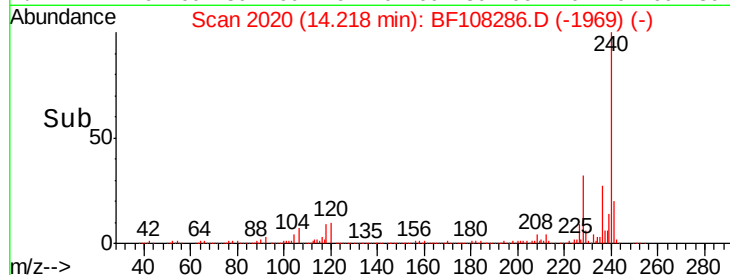
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.166 ng

RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

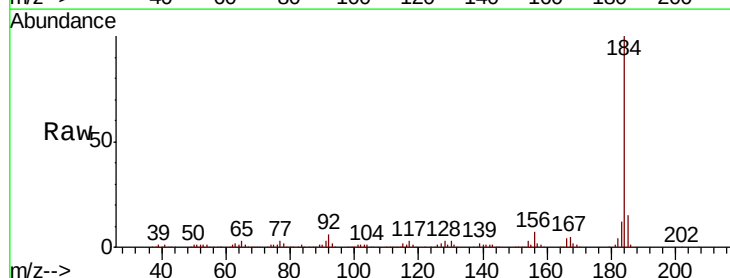
Tgt Ion:184 Resp: 666978

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

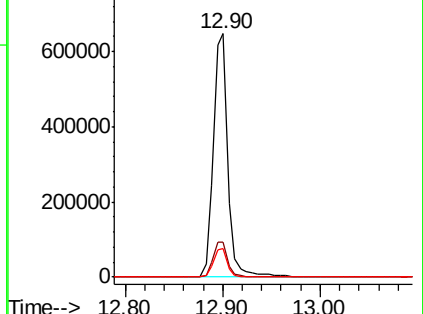
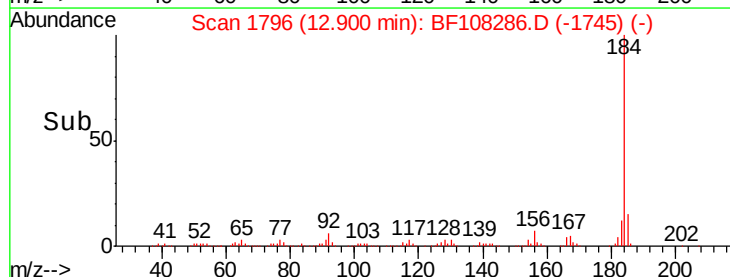
183 11.7 9.3 13.9

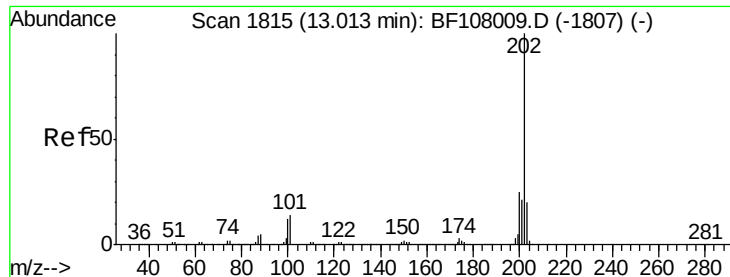


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.146 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

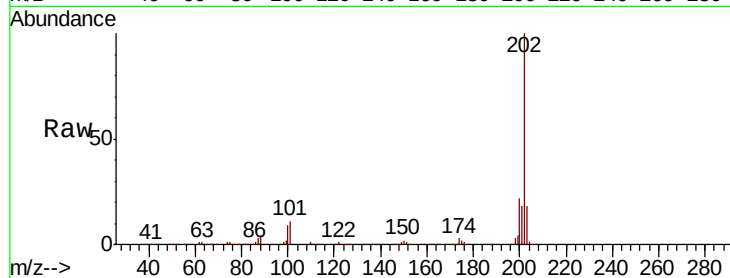
Tot Ion:202 Resp: 1600884

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

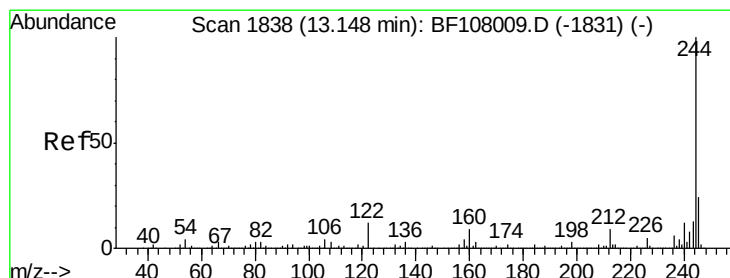
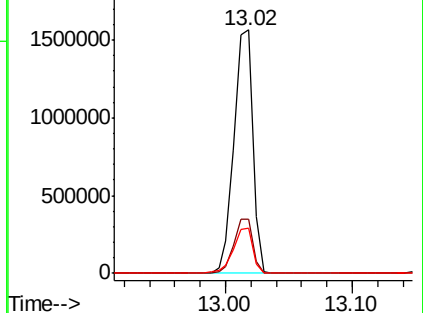
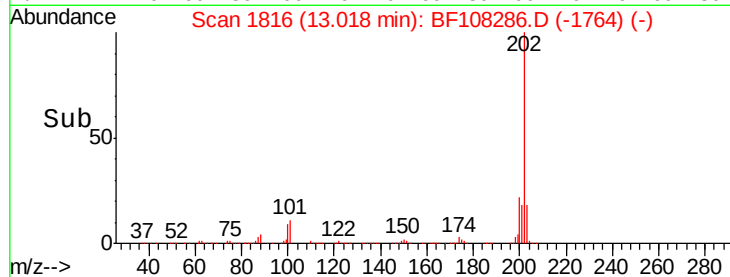
203 18.3 14.3 21.5



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



#78

Terphenyl-d14

Concen: 92.757 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

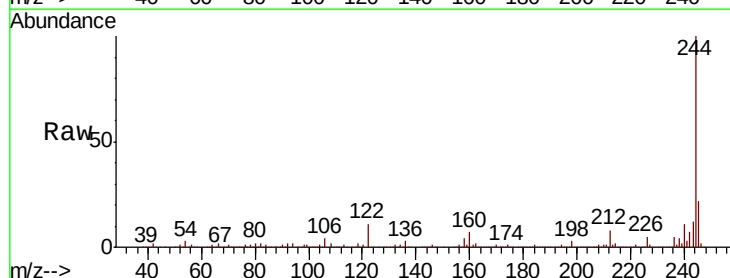
Tgt Ion:244 Resp: 2089617

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

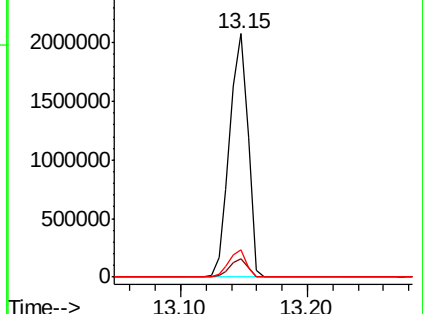
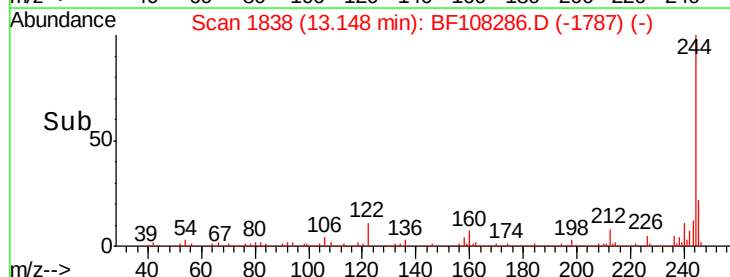
122 11.1 11.0 16.4

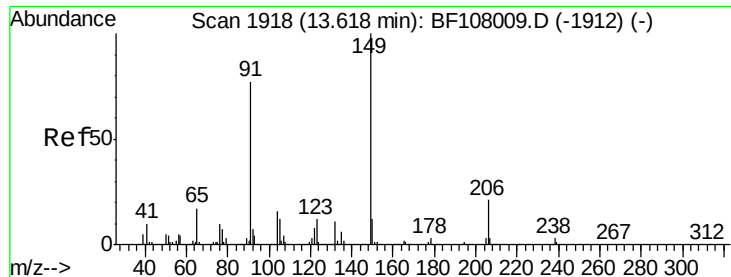


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

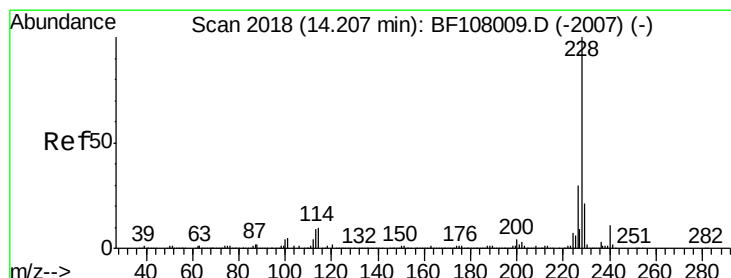
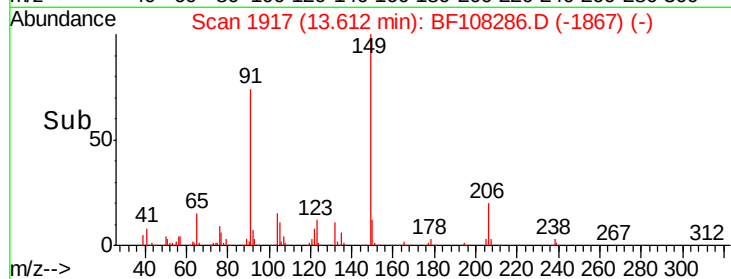
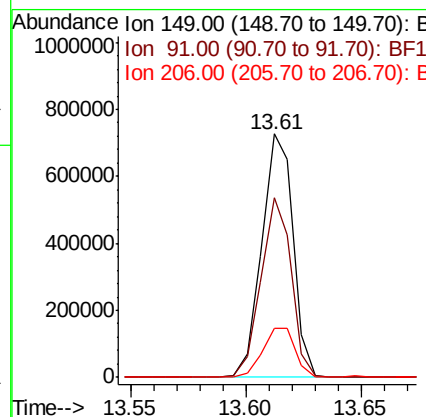
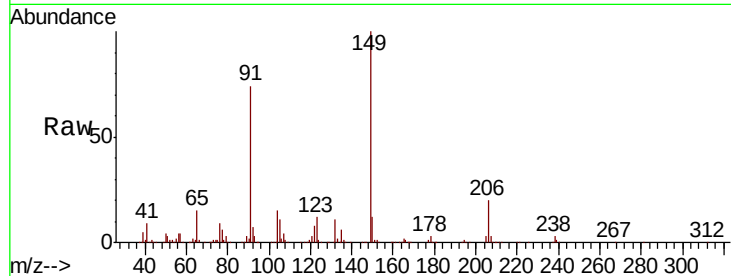




#79
Butylbenzylphthalate
Concen: 47.830 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

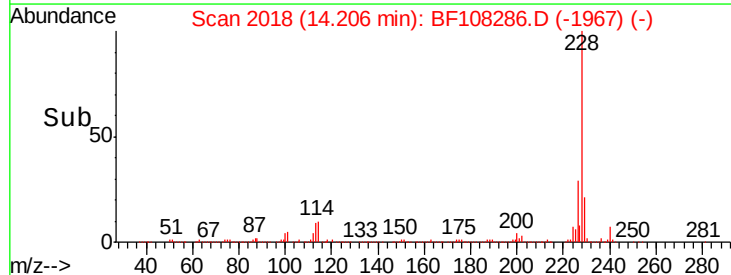
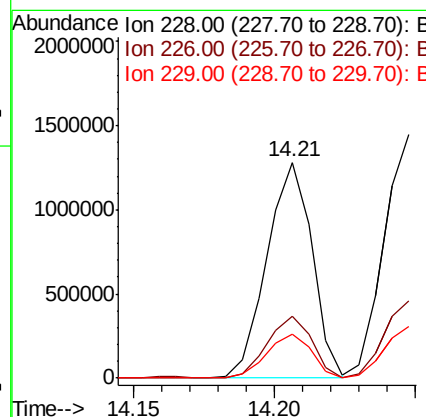
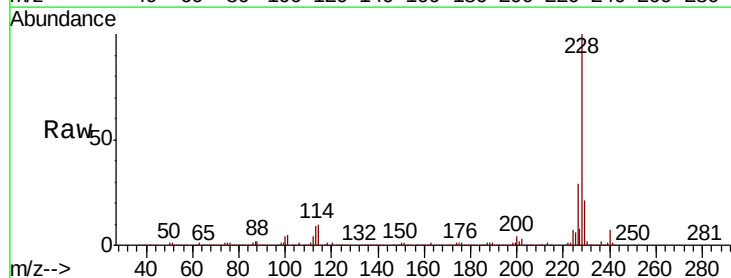
Instrument :
BNA_F
ClientSampleID :
PB112189BS

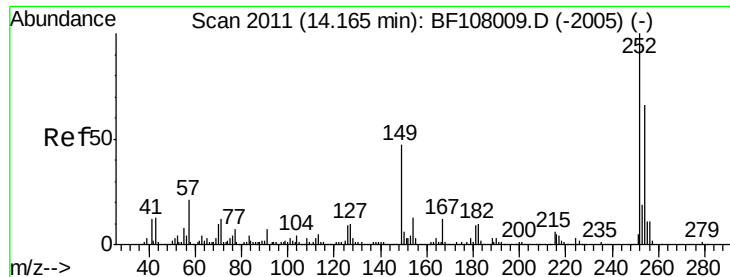
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.8	56.8	85.2
206	20.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.216 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.7	15.8	23.6

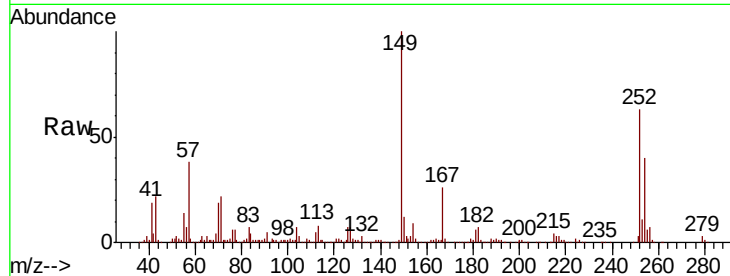




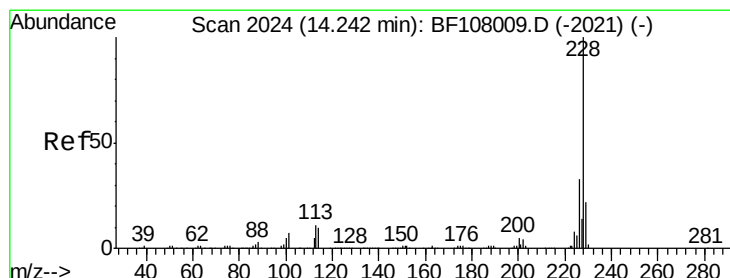
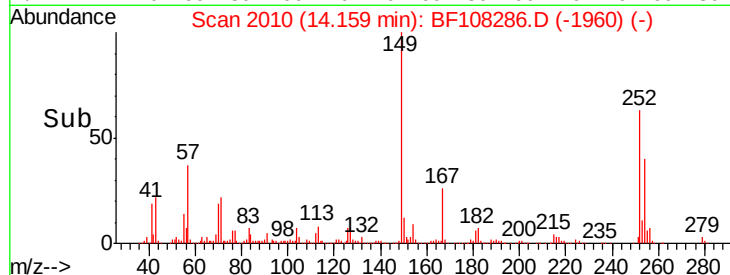
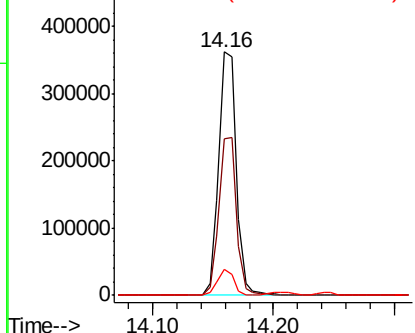
#81
 3,3'-Dichlorobenzidine
 Concen: 30.904 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion:252 Resp: 364062
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 10.8 11.3 16.9#

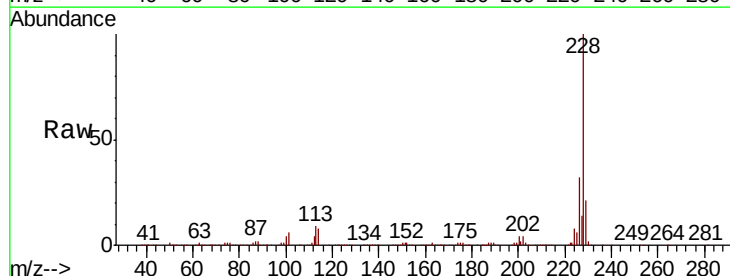


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

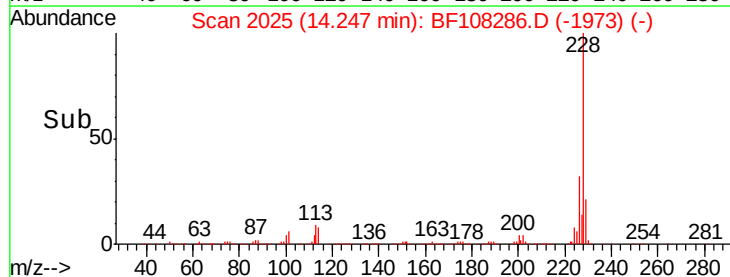
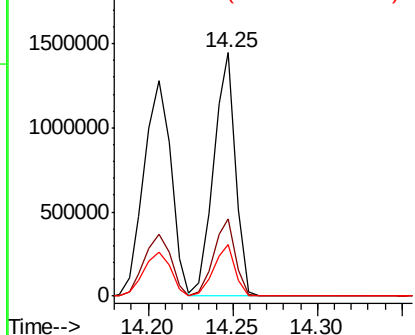


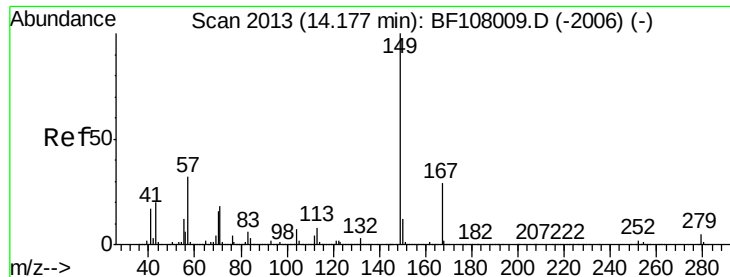
#82
 Chrysene
 Concen: 43.472 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion:228 Resp: 1310121
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 21.1 16.2 24.4



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

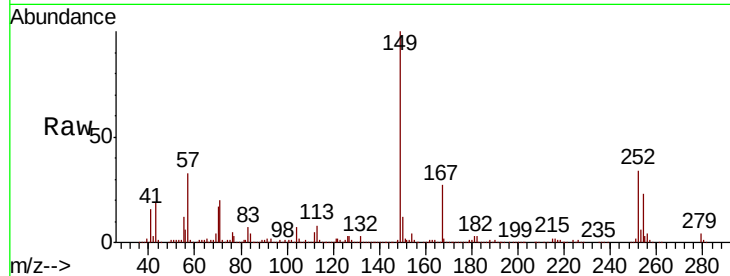




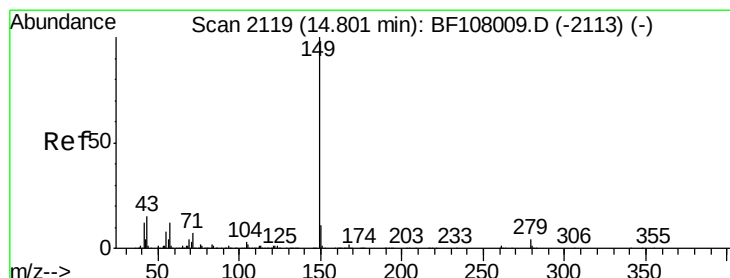
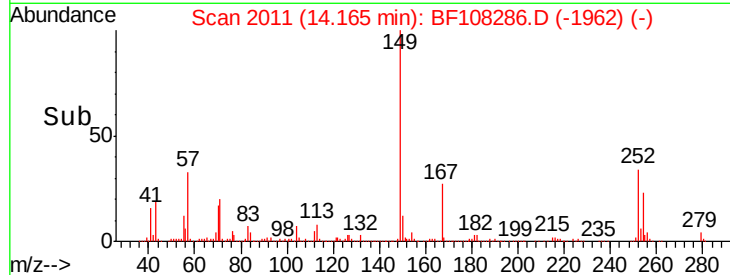
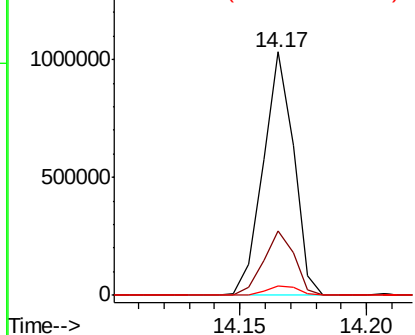
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.833 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion:149 Resp: 874234
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 4.0 3.0 4.4

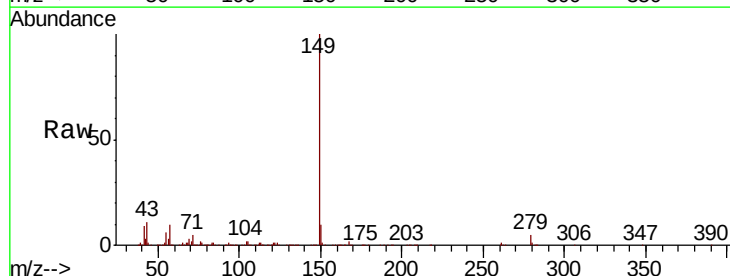


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

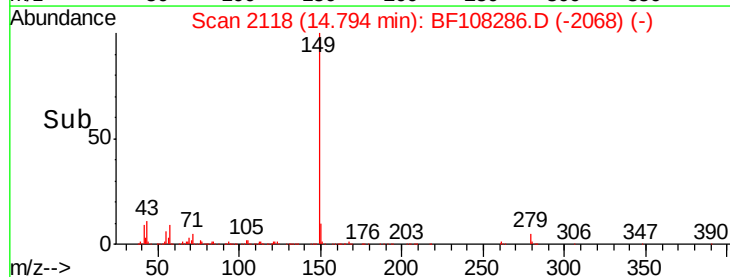
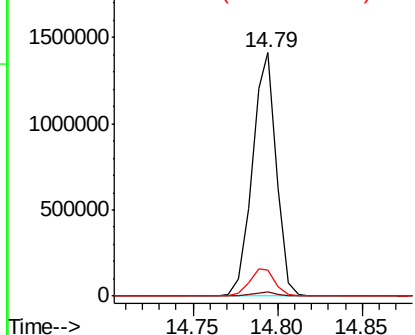


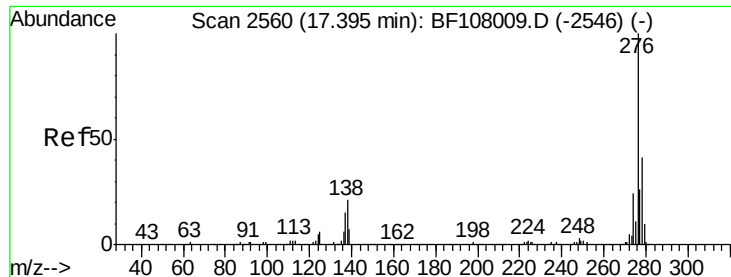
#84
 Di-n-octyl phthalate
 Concen: 46.993 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion:149 Resp: 1397504
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 8.4 12.6



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

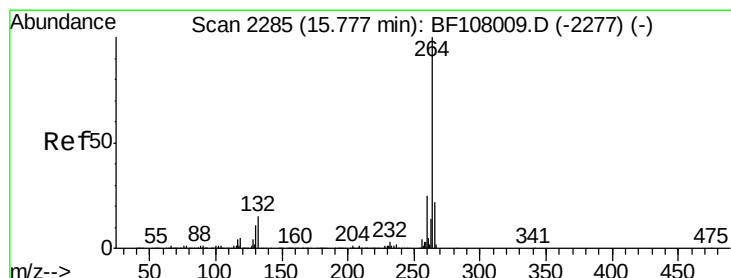
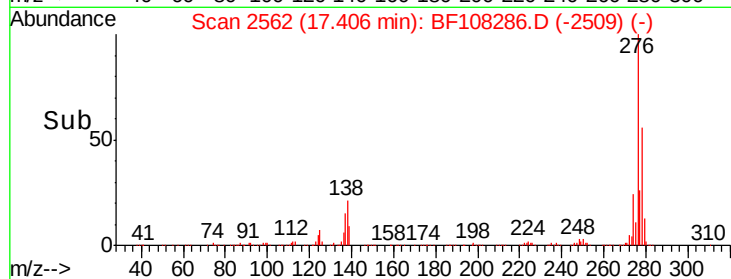
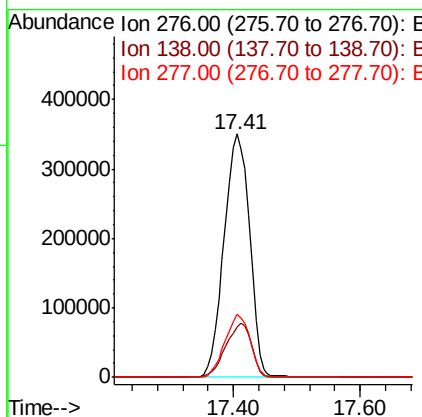
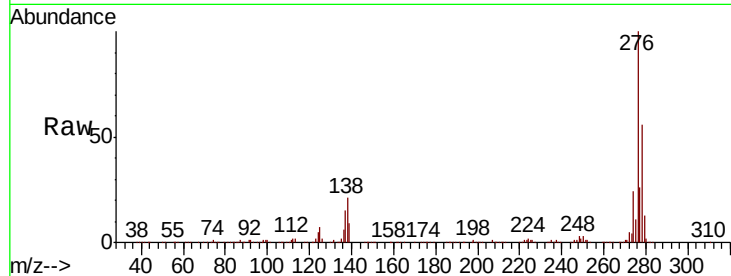




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.412 ng
 RT: 17.41 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

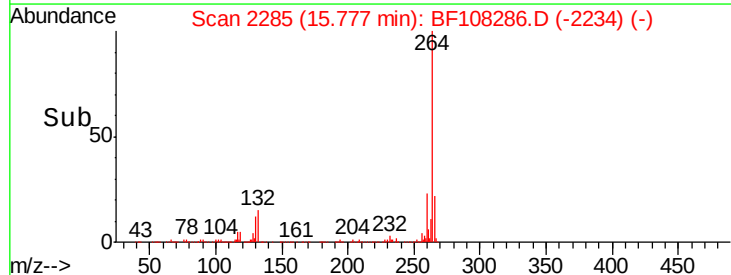
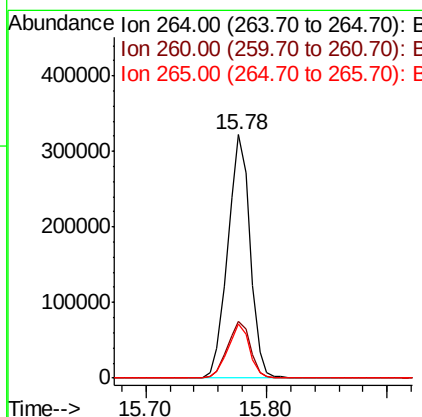
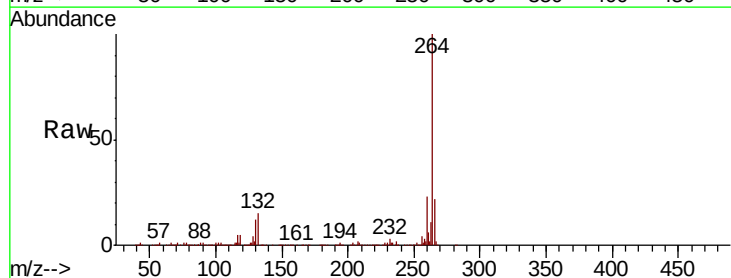
Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

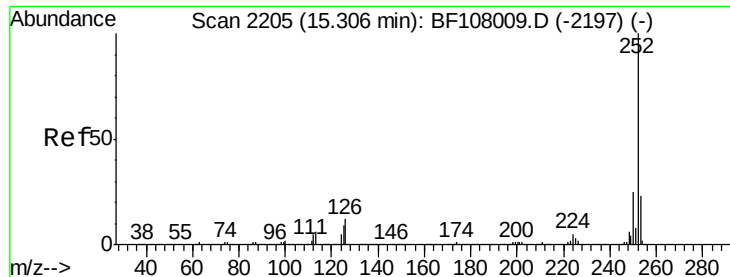
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3

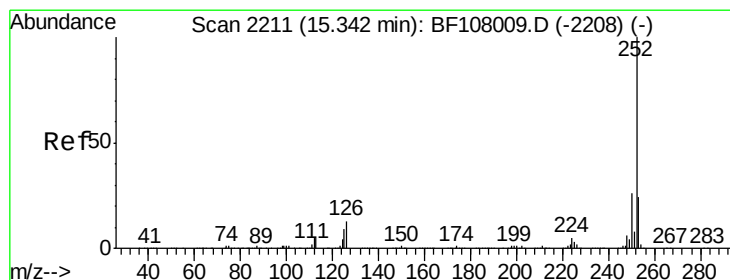
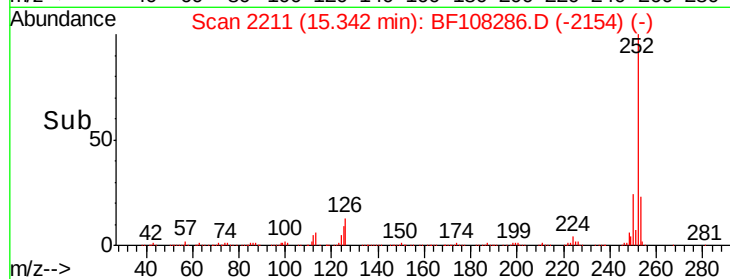
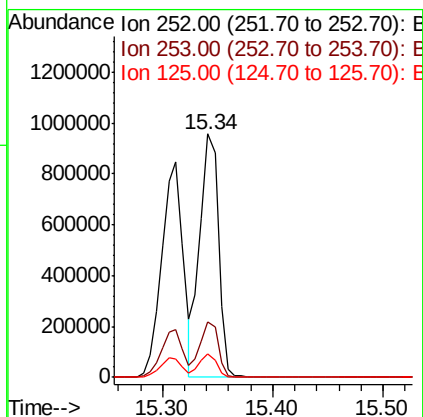
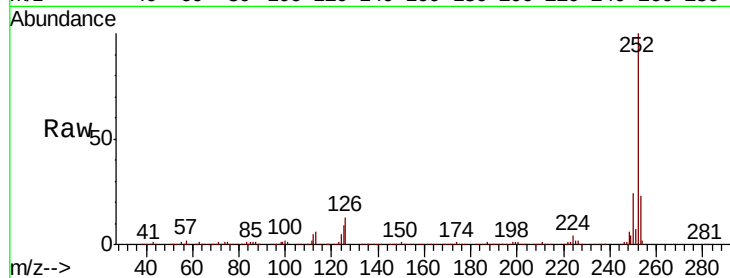




#87
Benzo(b)fluoranthene
Concen: 44.501 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

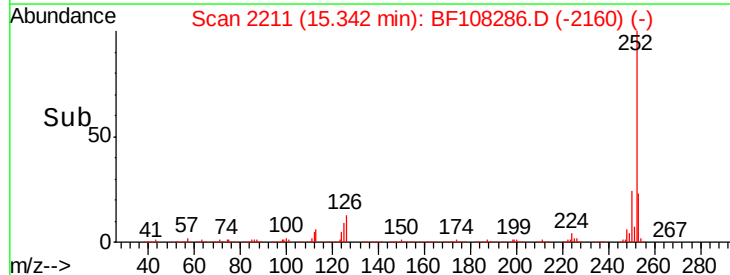
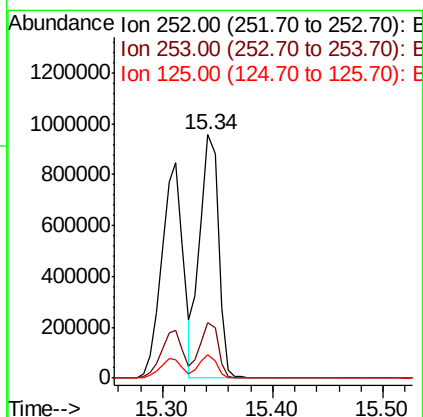
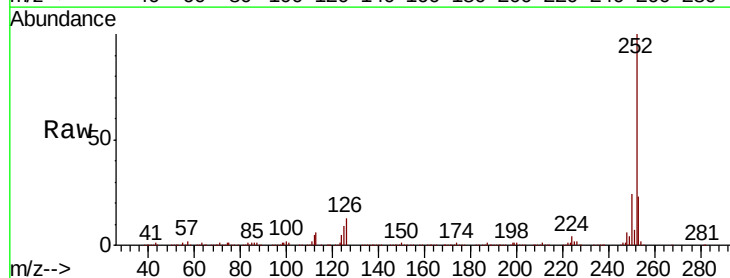
Instrument :
BNA_F
ClientSampleId :
PB112189BS

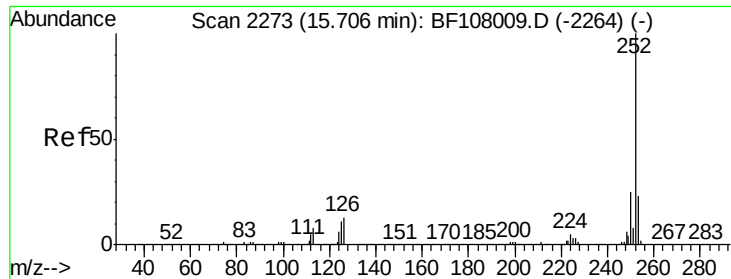
Tot Ion:252 Resp: 1103814
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 48.410 ng
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:252 Resp: 1103814
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.4 10.2 15.2#

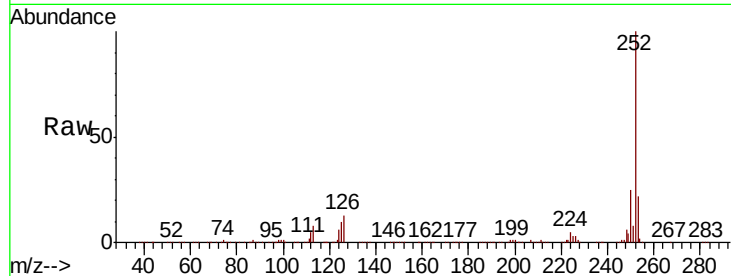




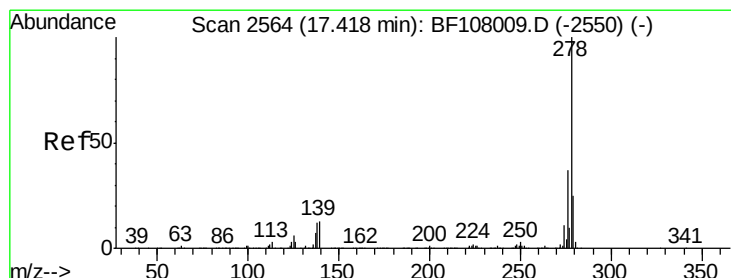
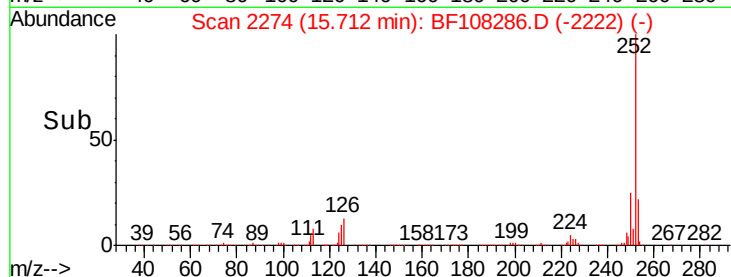
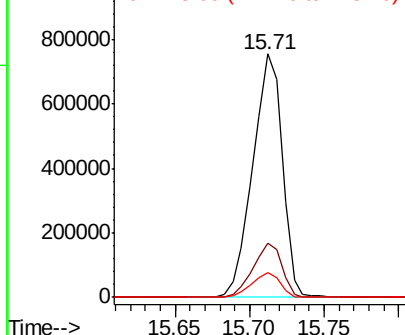
#89
Benzo(a)pyrene
Concen: 46.336 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion:252 Resp: 1029204
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.1 9.8 14.6

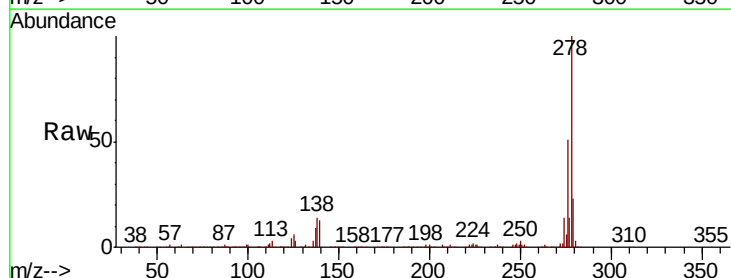


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

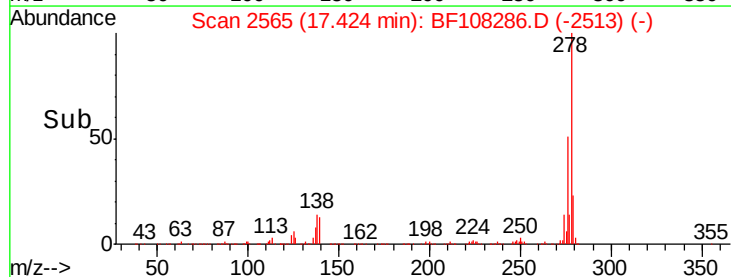
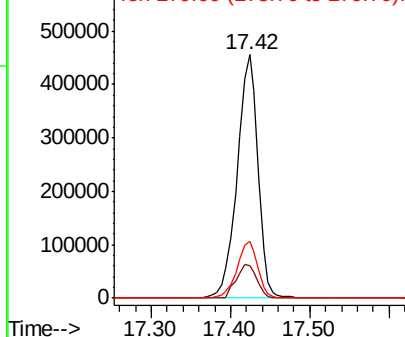


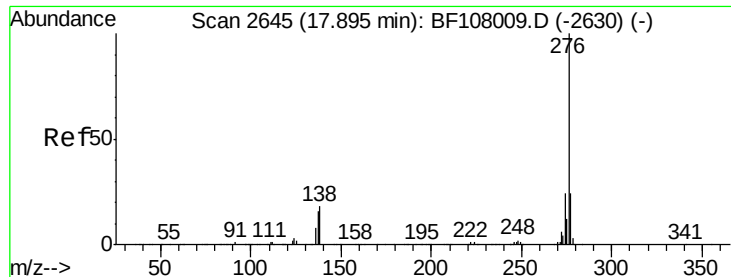
#90
Dibenzo(a,h)anthracene
Concen: 45.048 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion:278 Resp: 827886
Ion Ratio Lower Upper
278 100
139 13.4 15.9 23.9#
279 23.4 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 44.469 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

Tot Ion: 276 Resp: 804729

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 19.1 21.8 32.8#

