

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108280.D
 Acq On : 20 Aug 2018 10:51
 Operator : JU/SJ
 Sample : PB112114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Quant Time: Aug 20 11:31:53 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	163645	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	677830	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	339621	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	680254	20.00	ng	0.00
75) Chrysene-d12	14.22	240	512778	20.00	ng	0.00
86) Perylene-d12	15.78	264	367667	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1235054	136.64	ng	0.03
7) Phenol-d6	6.65	99	1640068	136.54	ng	0.02
23) Nitrobenzene-d5	7.58	82	1083360	89.19	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	495877	146.38	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2023392	95.65	ng	0.00
78) Terphenyl-d14	13.15	244	2282320	113.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	185899	40.026	ng	93
3) Pyridine	3.77	79	494979	41.372	ng	88
4) n-Nitrosodimethylamine	3.74	42	282106	41.904	ng	85
6) Aniline	6.68	93	630422	38.586	ng	97
8) 2-Chlorophenol	6.81	128	514079	50.498	ng	98
9) Benzaldehyde	6.57	77	228590	24.546	ng	98
10) Phenol	6.66	94	643810	51.818	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	487956	48.579	ng	91
12) 1,3-Dichlorobenzene	6.96	146	574220	48.782	ng	99
13) 1,4-Dichlorobenzene	7.04	146	574540	48.580	ng	98
14) 1,2-Dichlorobenzene	7.19	146	533108	48.461	ng	97
15) Benzyl Alcohol	7.15	79	467049	46.189	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	908163	43.888	ng	99
17) 2-Methylphenol	7.27	107	444293	50.892	ng	# 95
18) Hexachloroethane	7.53	117	210278	49.942	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	384454	47.332	ng	91
20) 3+4-Methylphenols	7.41	107	538040	48.093	ng	# 87
22) Acetophenone	7.42	105	727686	45.912	ng	# 93
24) Nitrobenzene	7.60	77	567044	46.163	ng	96
25) Isophorone	7.84	82	1055641	45.594	ng	96
26) 2-Nitrophenol	7.91	139	255536	55.087	ng	89
27) 2,4-Dimethylphenol	7.94	122	487214	47.413	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	635922	47.049	ng	99
29) 2,4-Dichlorophenol	8.15	162	460198	48.664	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	494268	47.406	ng	98
31) Naphthalene	8.32	128	1484160	48.146	ng	99
32) Benzoic acid	8.07	122	217290	37.878	ng	95
33) 4-Chloroaniline	8.37	127	415403	30.922	ng	98
34) Hexachlorobutadiene	8.43	225	314092	47.587	ng	99
35) Caprolactam	8.75	113	80818	27.271	ng	89
36) 4-Chloro-3-methylphenol	8.85	107	475007	46.562	ng	99
37) 2-Methylnaphthalene	9.02	142	1034703	47.442	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	513534	49.239	ng	98
40) Hexachlorocyclopentadiene	9.17	237	563991	83.722	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	338368	52.282	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	366280	51.411	ng	96
45) 1,1'-Biphenyl	9.48	154	1234902	49.317	ng	98
46) 2-Chloronaphthalene	9.51	162	965359	48.778	ng	96
47) 2-Nitroaniline	9.61	65	319028	49.820	ng	93
48) Acenaphthylene	9.93	152	1532915	48.994	ng	99
49) Dimethylphthalate	9.78	163	1123045	47.471	ng	98
50) 2,6-Dinitrotoluene	9.85	165	250416	50.593	ng	96
51) Acenaphthene	10.10	154	900589	46.995	ng	99
52) 3-Nitroaniline	10.02	138	200289	36.985	ng	97
53) 2,4-Dinitrophenol	10.13	184	180507	95.916	ng #	20
54) Dibenzofuran	10.27	168	1330065	47.906	ng	96
55) 4-Nitrophenol	10.18	139	377067	91.948	ng	94
56) 2,4-Dinitrotoluene	10.25	165	335257	52.622	ng #	97
57) Fluorene	10.62	166	1066299	48.516	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	300948	50.539	ng #	85
59) Diethylphthalate	10.48	149	1080666	47.174	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	546392	47.710	ng	95
61) 4-Nitroaniline	10.64	138	265067	49.507	ng	95
62) Azobenzene	10.77	77	1103049	46.625	ng	94
64) 4,6-Dinitro-2-methylphenol	10.67	198	124257	48.581	ng	89
65) n-Nitrosodiphenylamine	10.72	169	958520	47.683	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	359959	48.692	ng #	81
67) Hexachlorobenzene	11.17	284	372868	47.938	ng #	90
68) Atrazine	11.25	200	328707	48.752	ng	96
69) Pentachlorophenol	11.37	266	359125	96.463	ng	96
70) Phenanthrene	11.59	178	1540905	48.025	ng	99
71) Anthracene	11.64	178	1574920	47.892	ng	98
72) Carbazole	11.80	167	1390887	47.605	ng	99
73) Di-n-butylphthalate	12.11	149	1634343	49.385	ng	99
74) Fluoranthene	12.78	202	1656404	47.303	ng	96
76) Benzidine	12.90	184	793682	41.427	ng	98
77) Pyrene	13.02	202	1650231	50.832	ng	97
79) Butylbenzylphthalate	13.62	149	703655	54.585	ng #	97
80) Benzo(a)anthracene	14.21	228	1436452	48.812	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	351350	33.315	ng #	96
82) Chrysene	14.25	228	1308406	48.496	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	883030	50.584	ng	100
84) Di-n-octyl phthalate	14.79	149	1374879	51.642	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	992424	42.454	ng #	90
87) Benzo(b)fluoranthene	15.31	252	1145506	52.140	ng #	96
88) Benzo(k)fluoranthene	15.35	252	1006757	49.851	ng #	96
89) Benzo(a)pyrene	15.72	252	982612	49.947	ng	96
90) Dibenzo(a,h)anthracene	17.43	278	829406	50.954	ng #	94
91) Benzo(g,h,i)perylene	17.91	276	841796	52.519	ng #	90

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

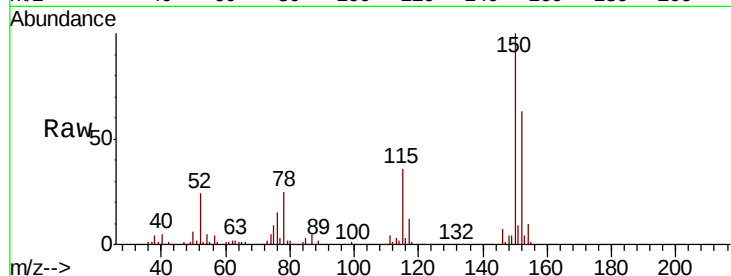


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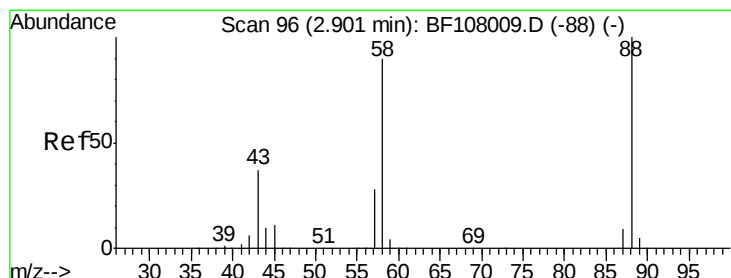
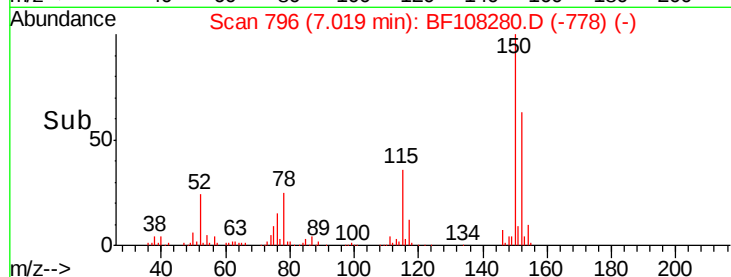
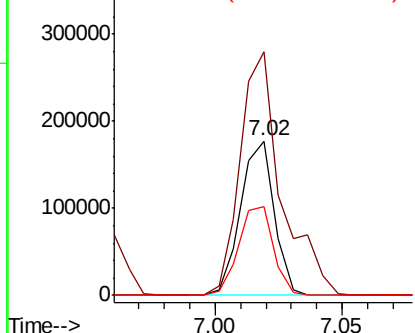
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion:152 Resp: 163645
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 57.5 50.1 75.1



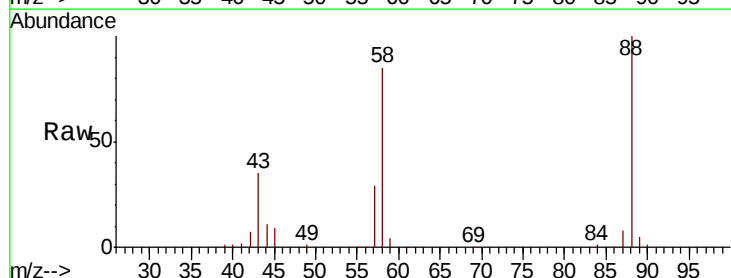
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



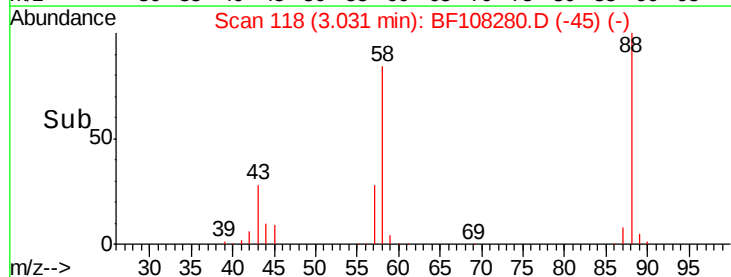
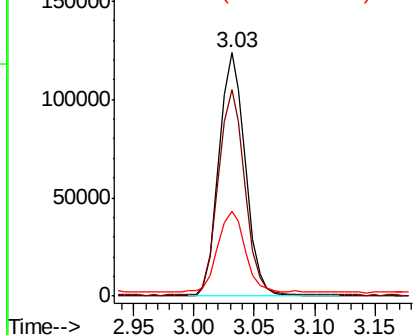
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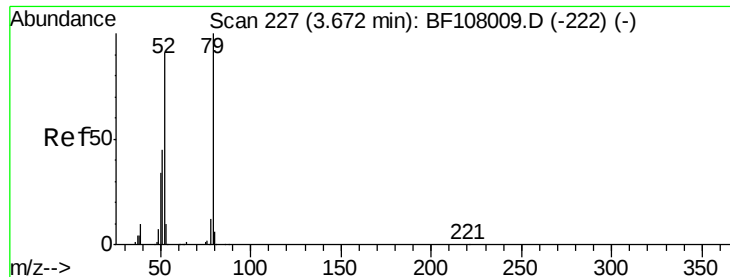
1,4-Dioxane
Concen: 40.026 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion: 88 Resp: 185899
Ion Ratio Lower Upper
88 100
58 84.5 62.6 93.8
43 35.0 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

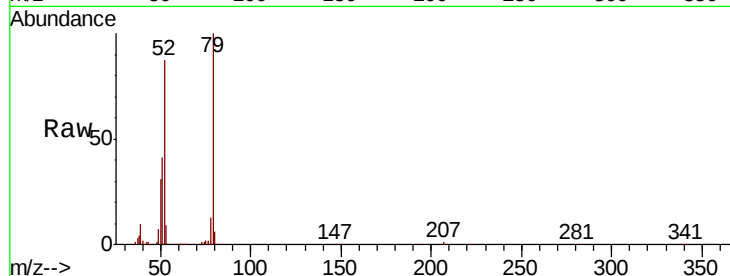




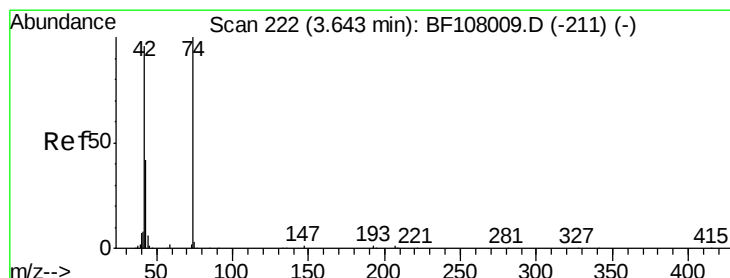
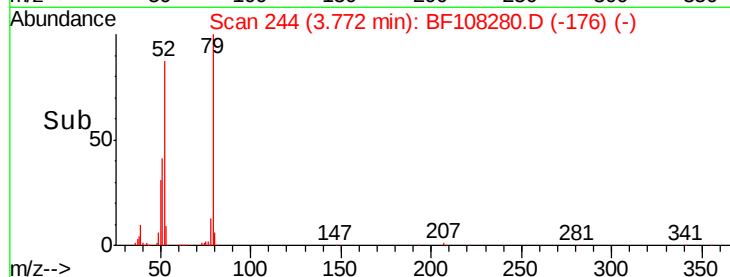
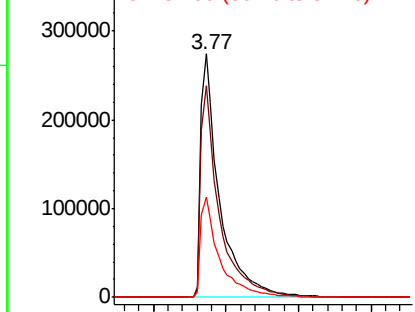
#3
 Pvridine
 Concen: 41.372 ng
 RT: 3.77 min Scan# 244
 Delta R.T. 0.10 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion: 79 Resp: 494979
 Ion Ratio Lower Upper
 79 100
 52 86.7 59.8 89.6
 51 41.3 29.8 44.8

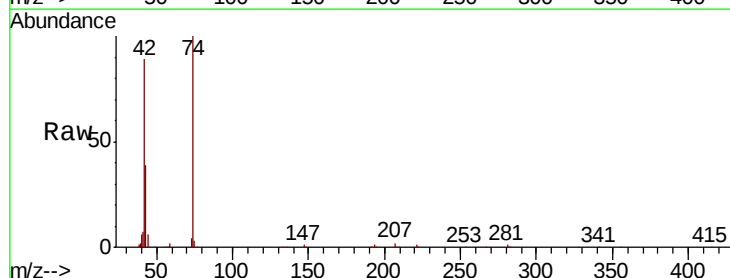


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

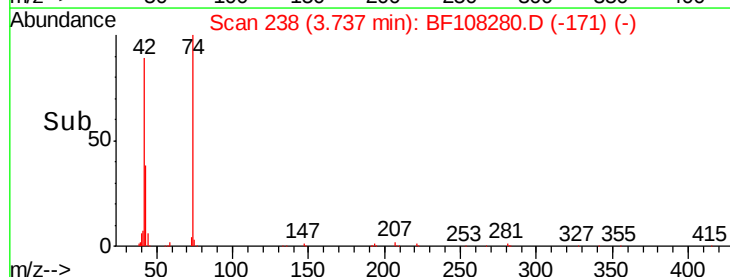
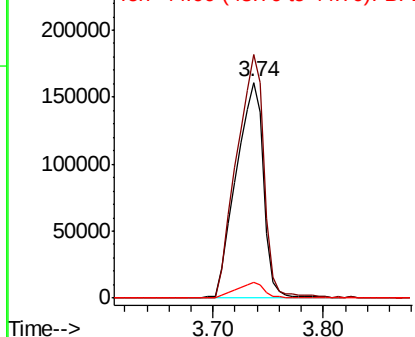


#4
 n-Nitrosodimethylamine
 Concen: 41.904 ng
 RT: 3.74 min Scan# 238
 Delta R.T. 0.09 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion: 42 Resp: 282106
 Ion Ratio Lower Upper
 42 100
 74 112.7 104.9 157.3
 44 7.1 6.9 10.3



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





#5

2-Fluorophenol

Concen: 136.638 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

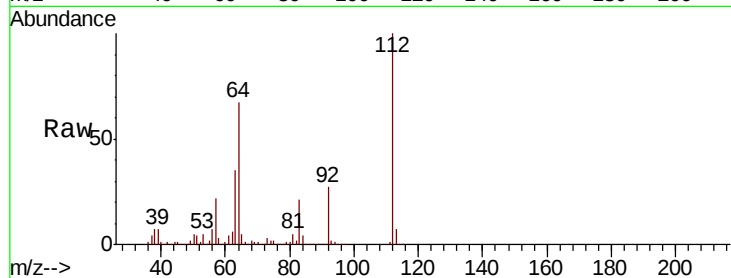
Tot Ion:112 Resp: 1235054

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

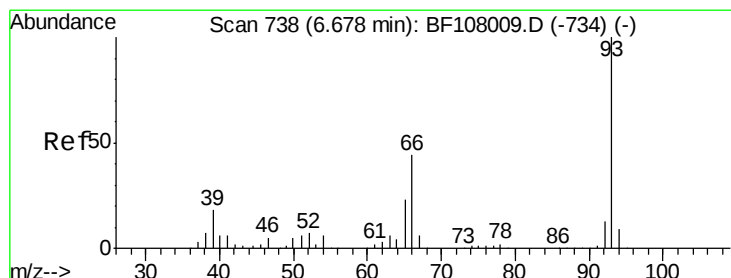
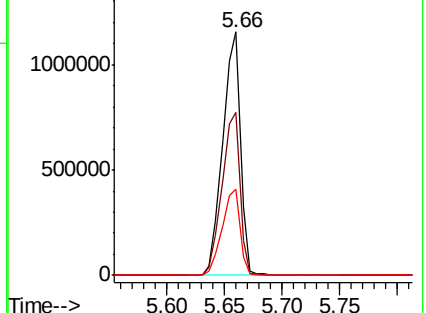
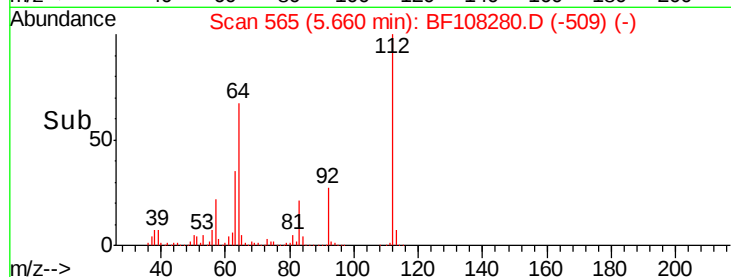
63 35.4 23.7 35.5



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: 38.586 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

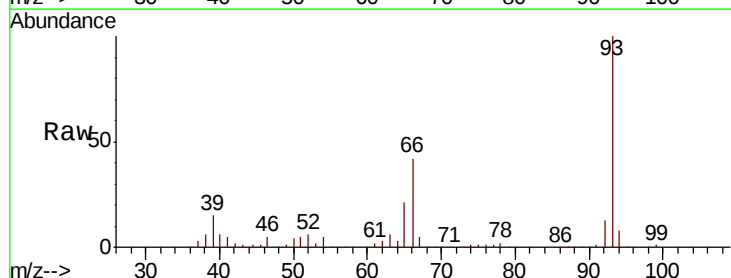
Tgt Ion: 93 Resp: 630422

Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.2

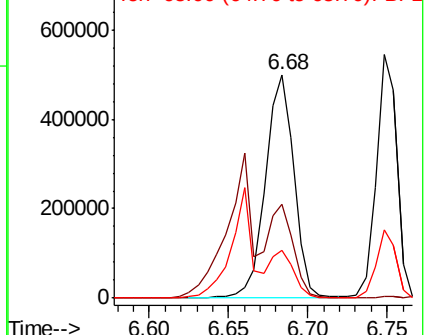
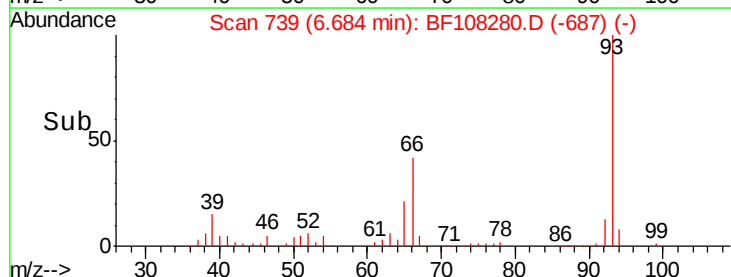
65 21.5 16.4 24.6

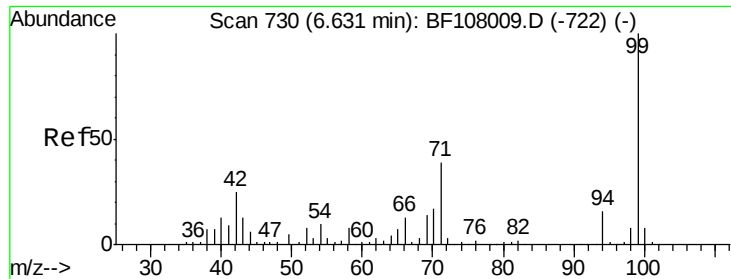


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.542 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

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ClientSampleId :

PB112114BS

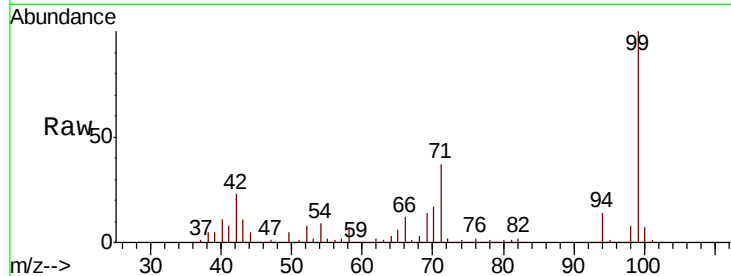
Tot Ion: 99 Resp: 1640068

Ion Ratio Lower Upper

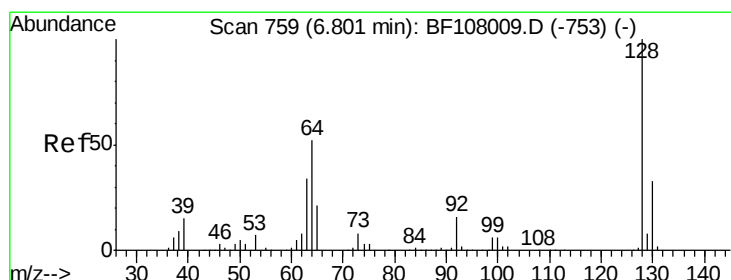
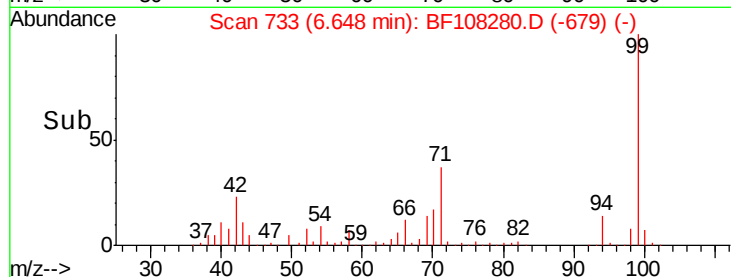
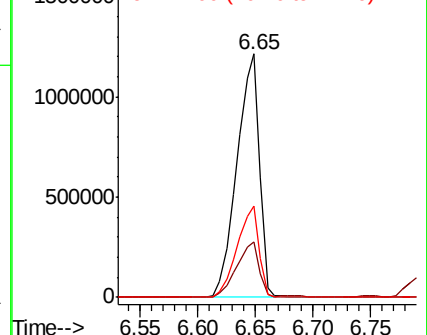
99 100

42 22.6 14.5 21.7#

71 37.5 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: 50.498 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

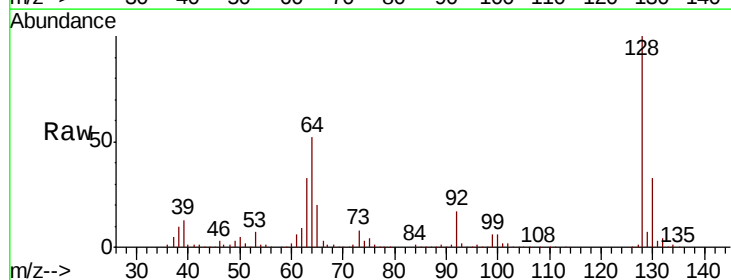
Tgt Ion: 128 Resp: 514079

Ion Ratio Lower Upper

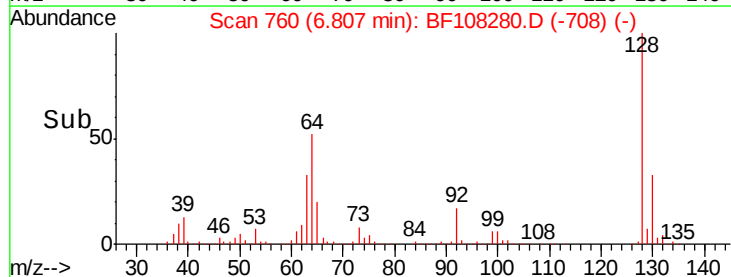
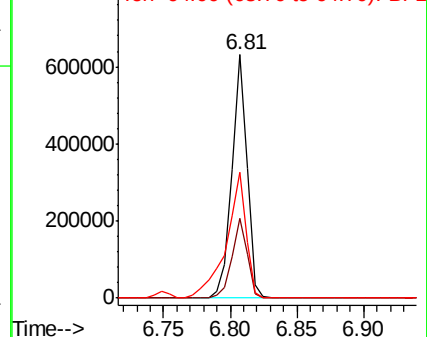
128 100

130 32.8 13.0 53.0

64 51.9 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

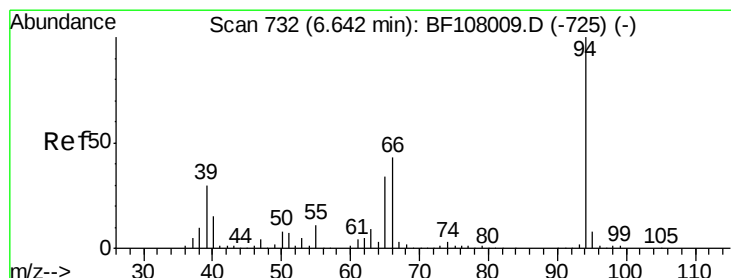
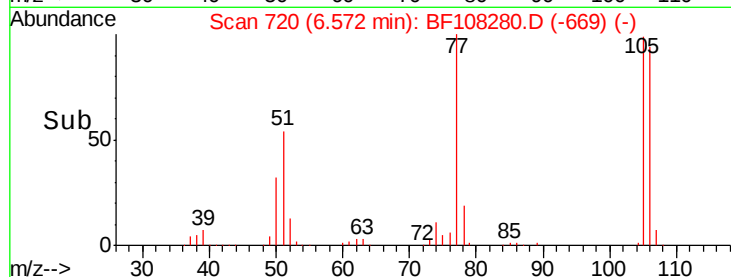
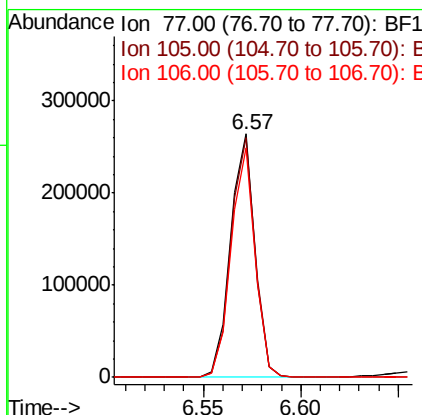
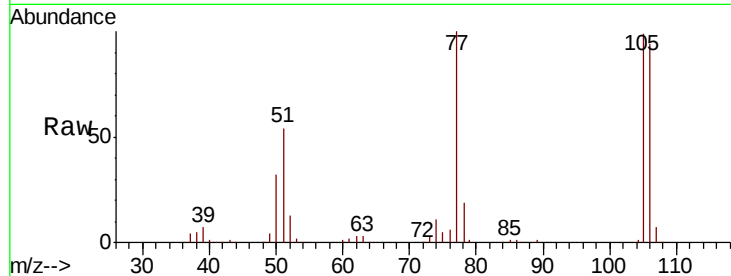




#9
Benzaldehyde
Concen: 24.546 ng
RT: 6.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

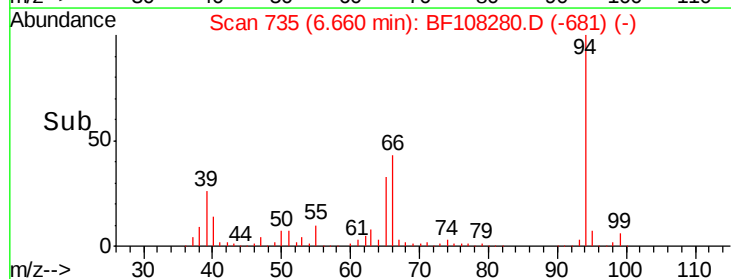
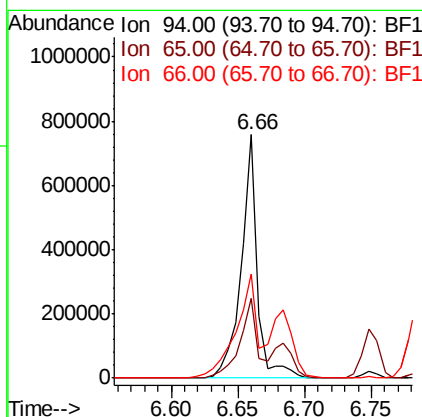
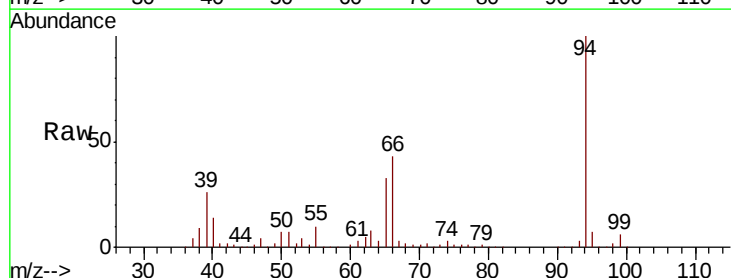
Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion: 77 Resp: 228590
Ion Ratio Lower Upper
77 100
105 98.5 81.1 121.1
106 94.1 74.5 114.5



#10
Phenol
Concen: 51.818 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.02 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion: 94 Resp: 643810
Ion Ratio Lower Upper
94 100
65 32.6 7.9 47.9
66 42.7 16.2 56.2

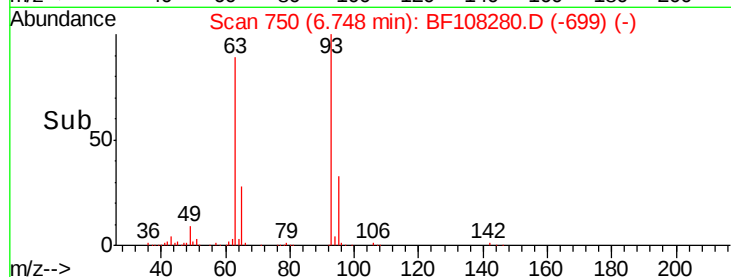
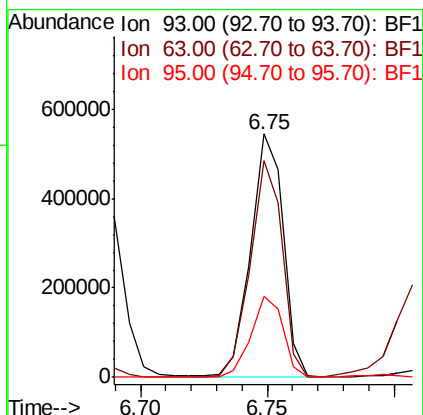
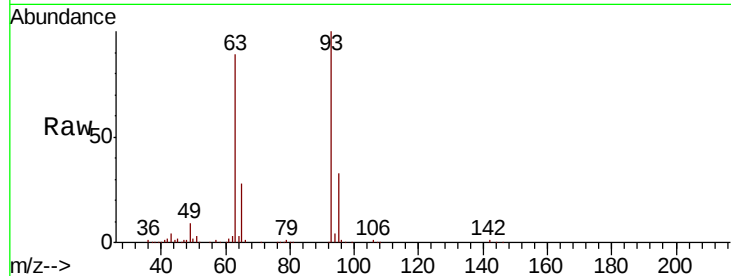




#11
 bis(2-Chloroethyl)ether
 Concen: 48.579 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

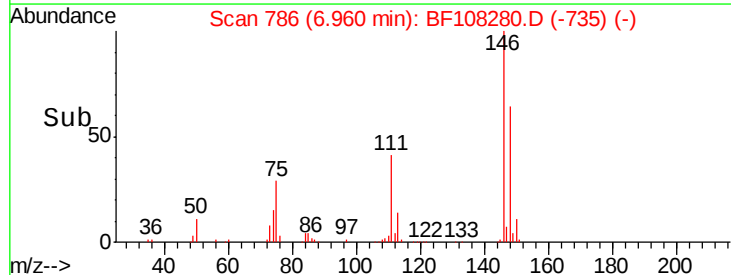
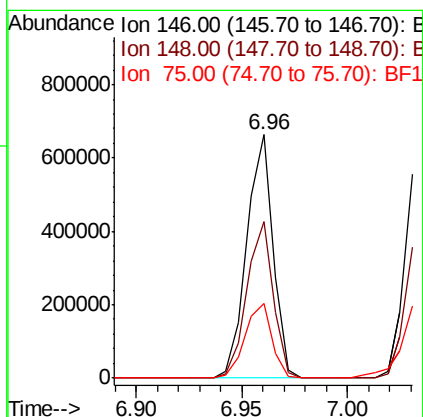
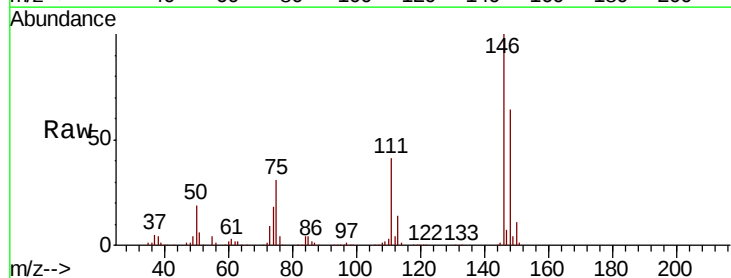
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

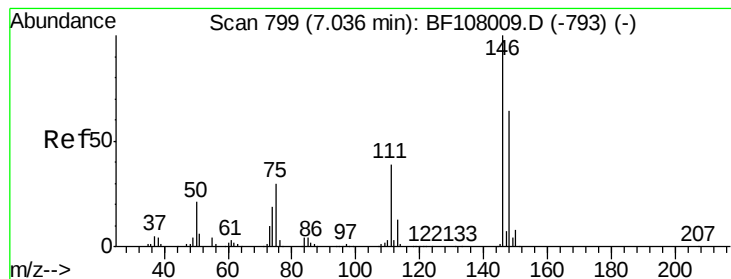
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	58.6	98.6
95	33.0	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 48.782 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	30.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 48.580 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

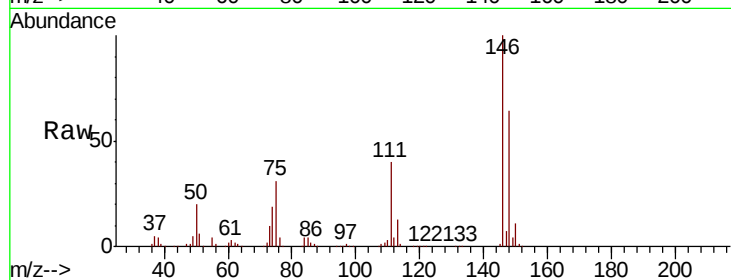
Tot Ion:146 Resp: 574540

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

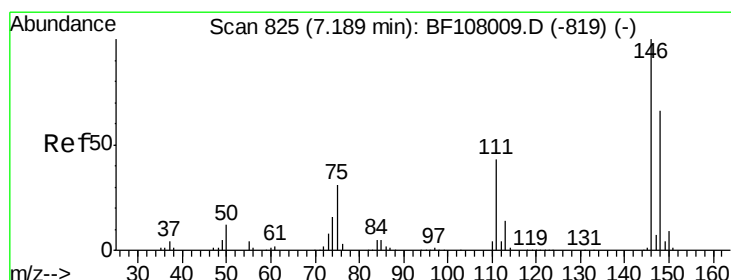
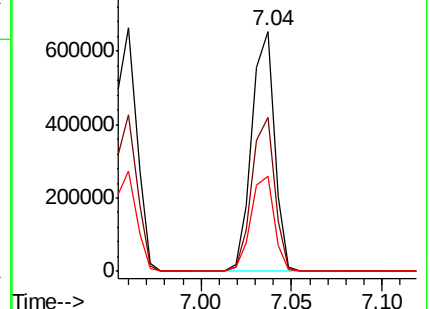
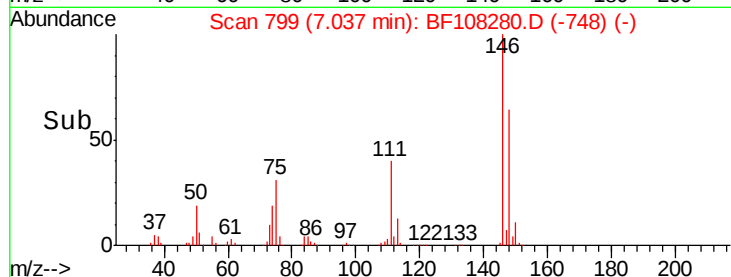
111 39.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.461 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

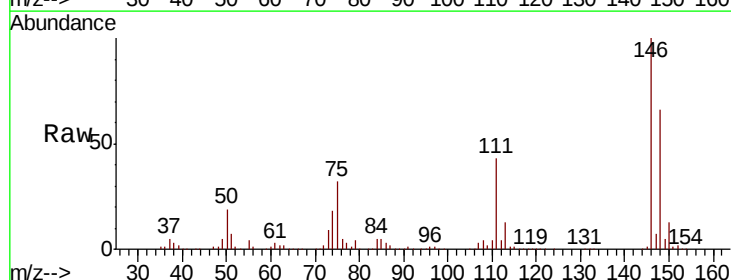
Tgt Ion:146 Resp: 533108

Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

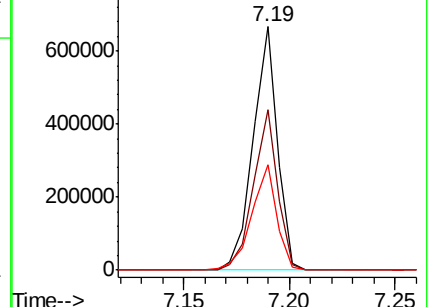
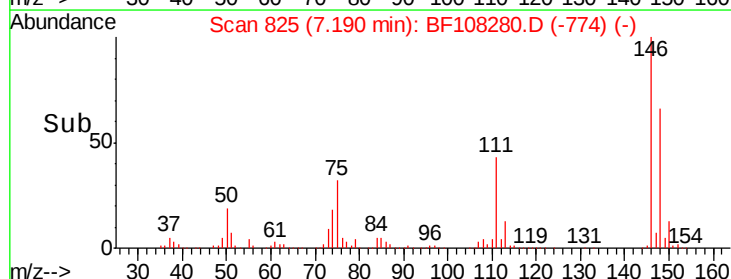
111 43.5 36.0 54.0

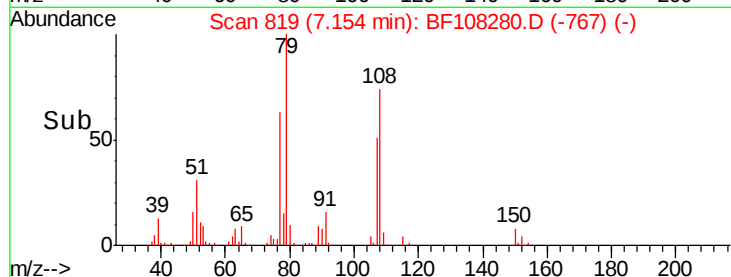
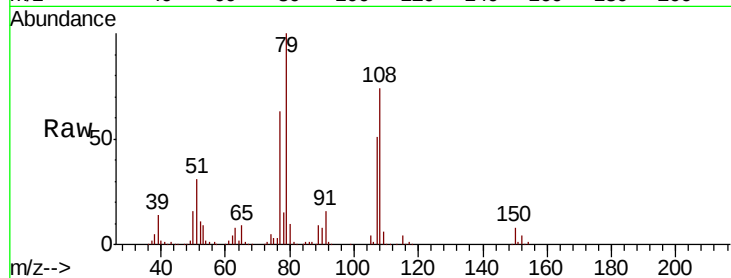
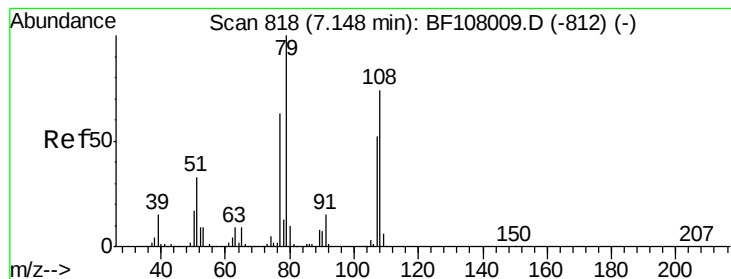


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.189 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

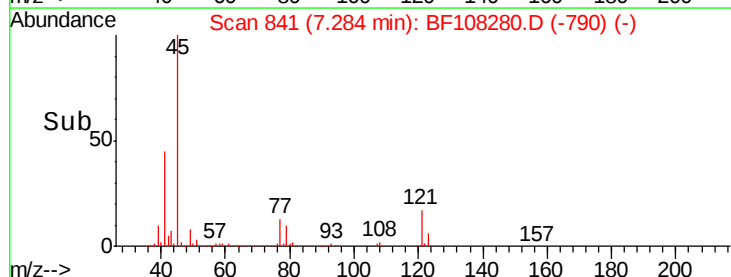
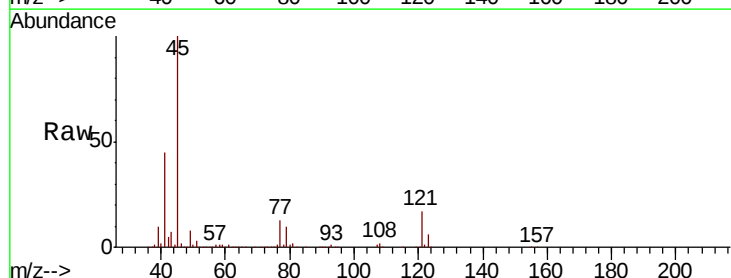
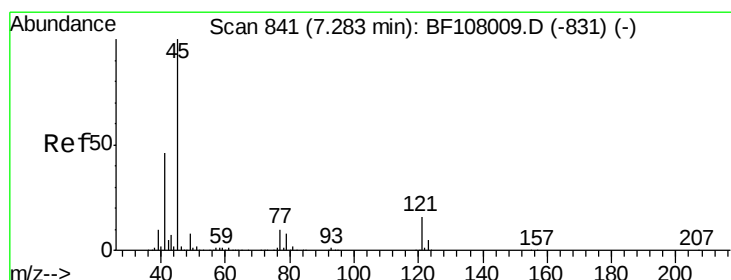
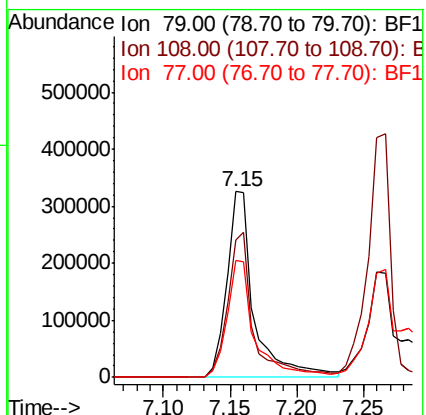
Tot Ion: 79 Resp: 467049

Ion Ratio Lower Upper

79 100

108 74.1 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.888 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

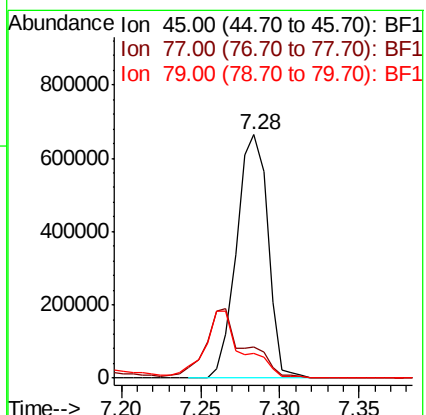
Tgt Ion: 45 Resp: 908163

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 10.0 0.0 29.6





#17

2-Methylphenol

Concen: 50.892 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.02 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion:107 Resp: 444293

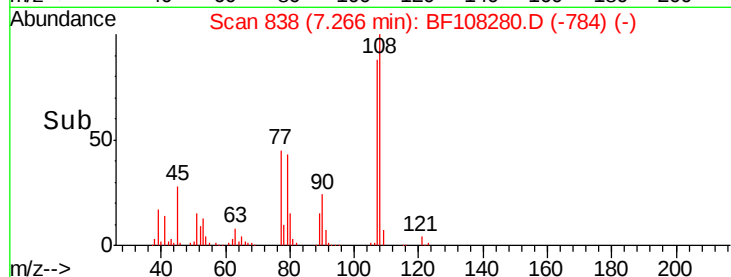
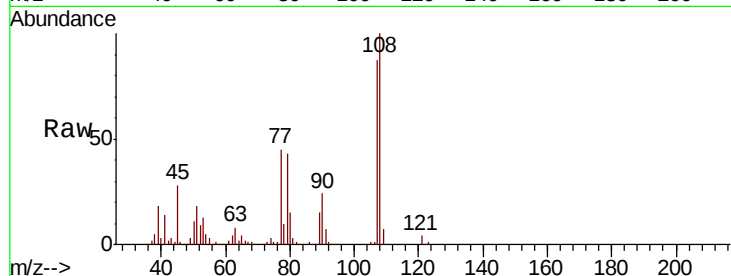
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 51.0 33.8 50.8#

79 48.7 33.8 50.8



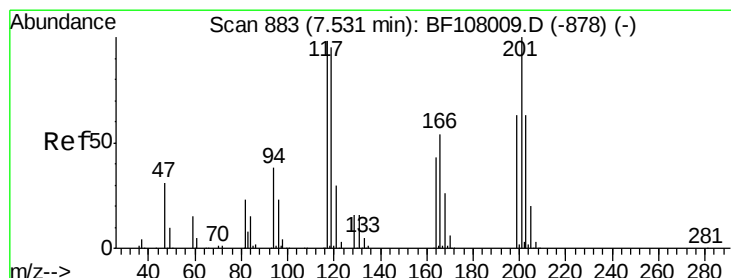
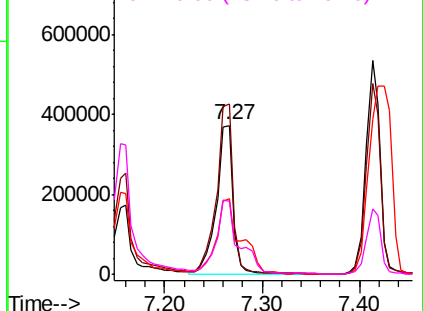
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 49.942 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

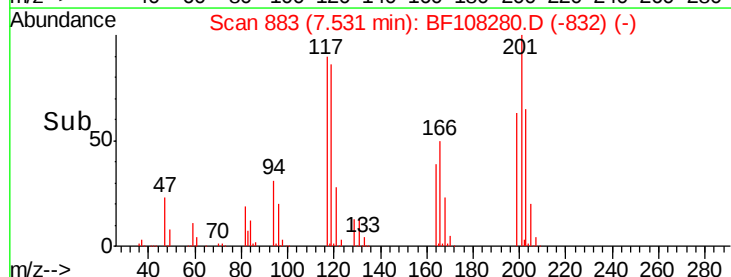
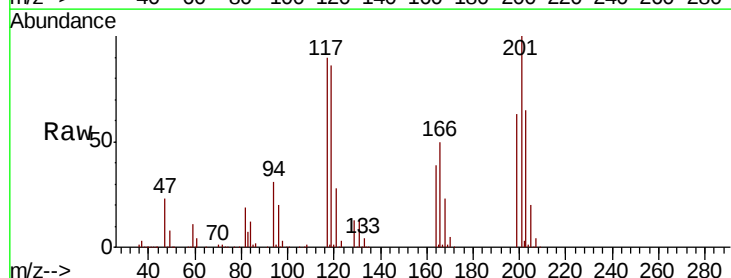
Tgt Ion:117 Resp: 210278

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

201 111.0 75.7 113.5

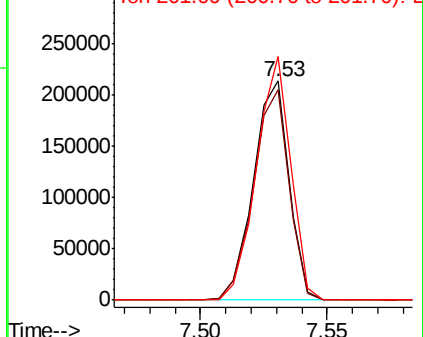


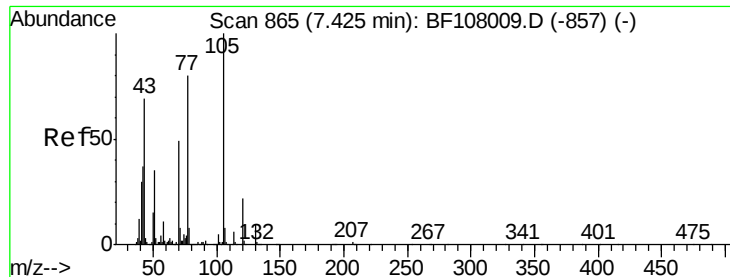
Abundance

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

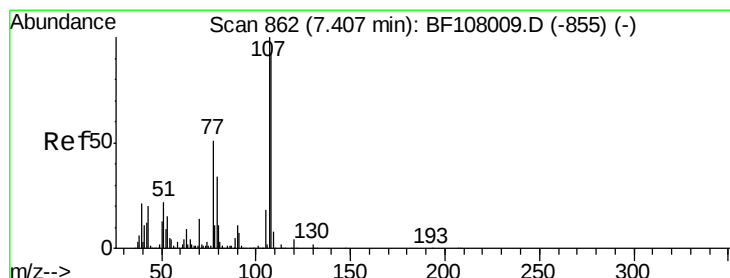
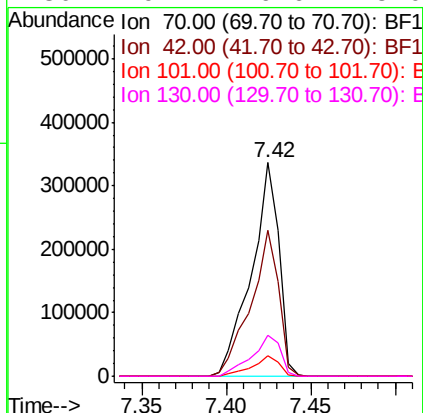
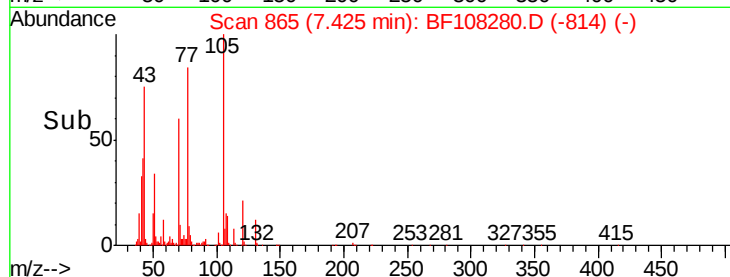
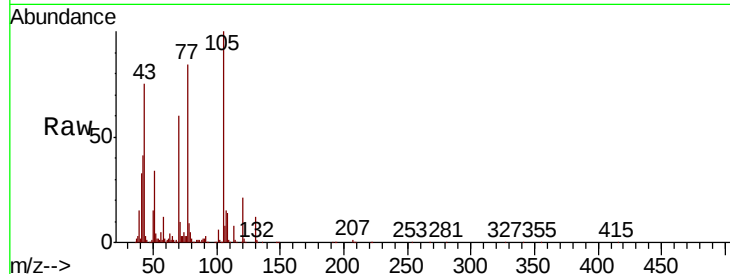




#19
n-Nitroso-di-n-propylamine
Concen: 47.332 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

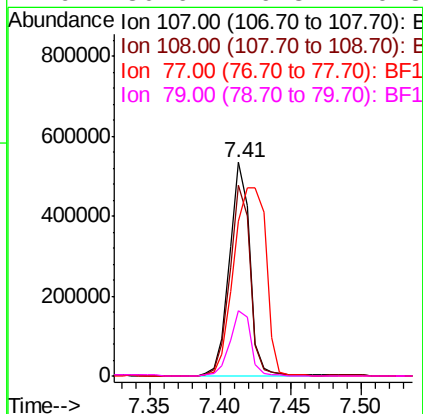
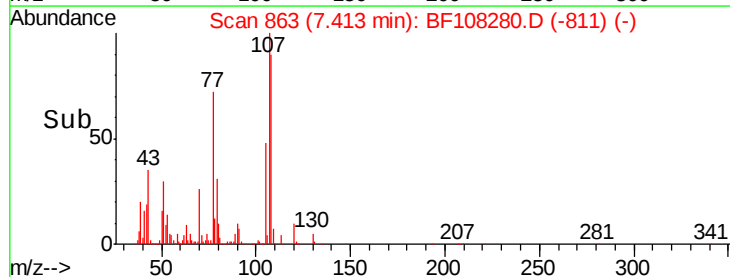
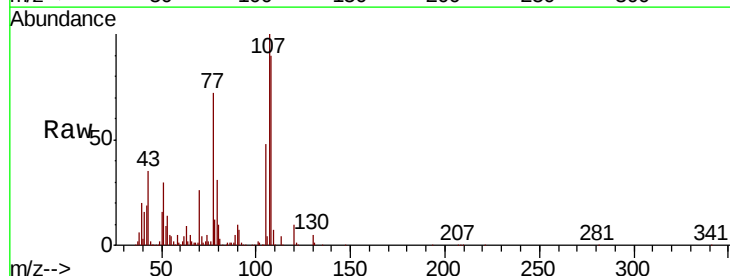
Instrument :
BNA_F
ClientSampleId :
PB112114BS

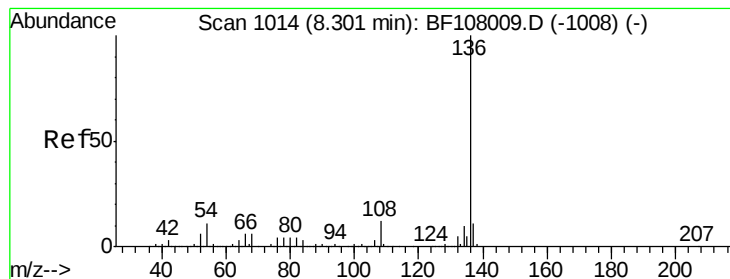
Tot Ion: 70 Resp: 384454
Ion Ratio Lower Upper
70 100
42 68.3 47.5 71.3
101 9.5 7.4 11.2
130 19.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 48.093 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion: 107 Resp: 538040
Ion Ratio Lower Upper
107 100
108 89.6 68.2 108.2
77 72.4 26.7 66.7#
79 30.6 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: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion:136 Resp: 677830

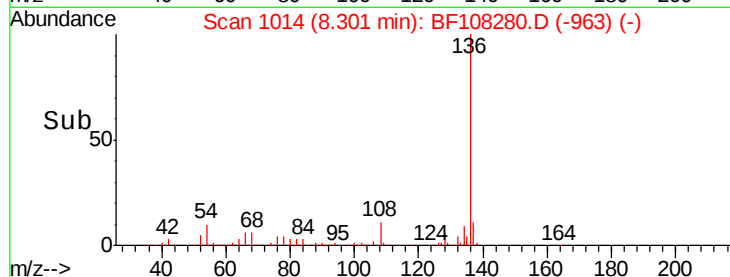
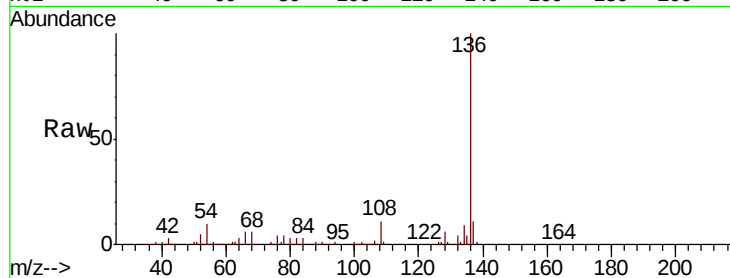
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.9 6.6 9.8#

68 5.9 5.0 7.4



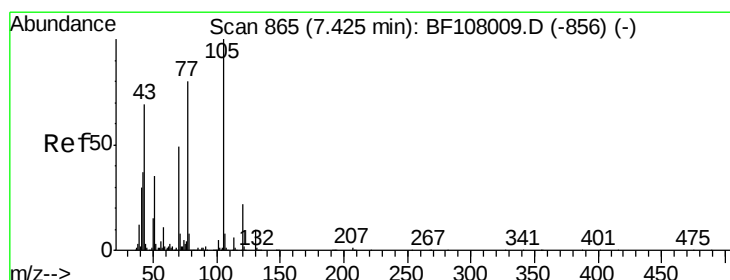
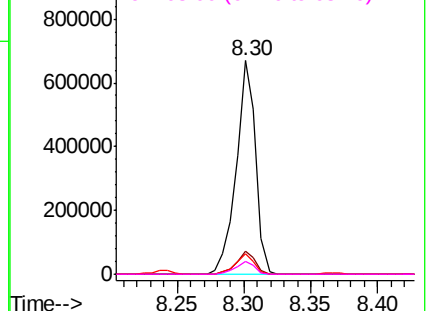
Abundance

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: 45.912 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Tgt Ion:105 Resp: 727686

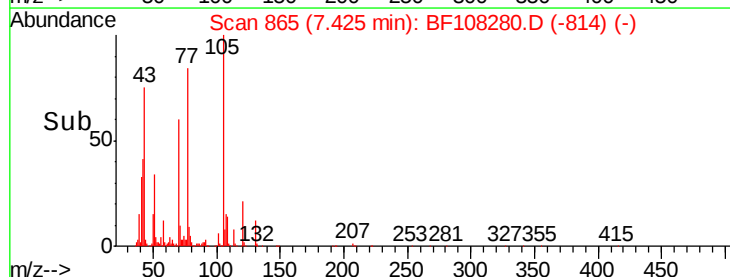
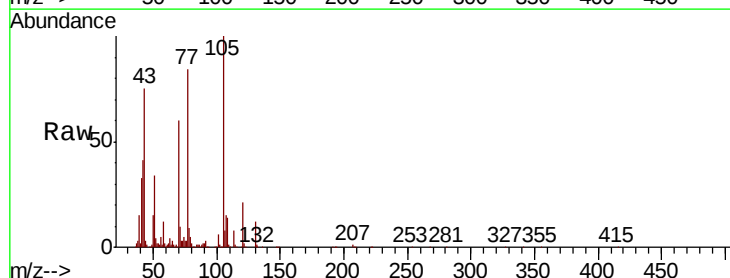
Ion Ratio Lower Upper

105 100

71 9.8 4.4 6.6#

51 34.1 22.3 33.5#

120 21.1 16.9 25.3



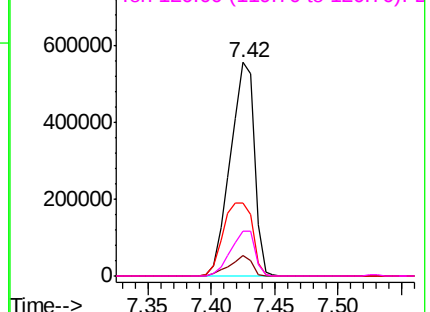
Abundance

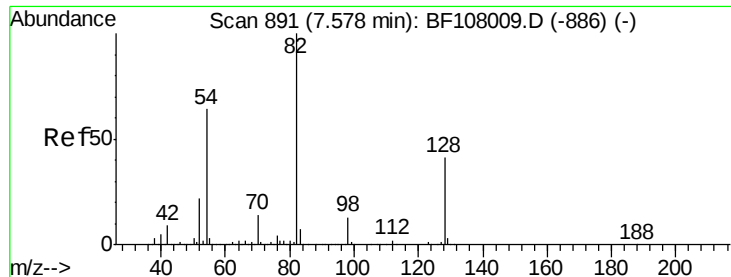
Ion 105.00 (104.70 to 105.70): E

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

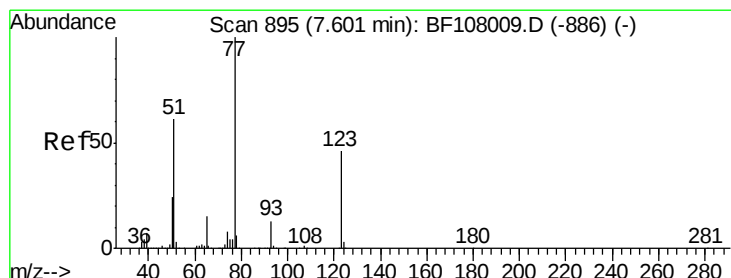
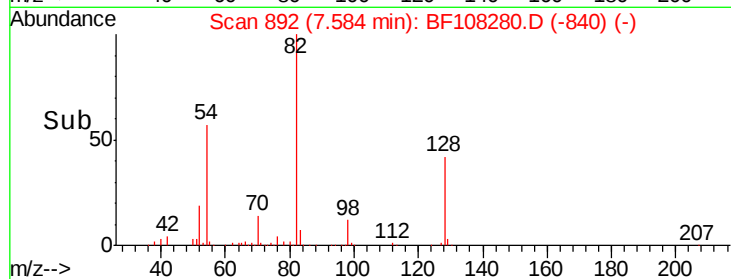
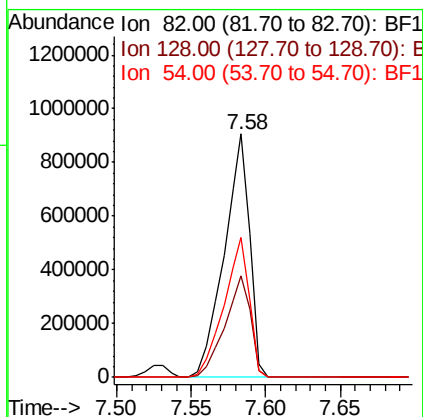
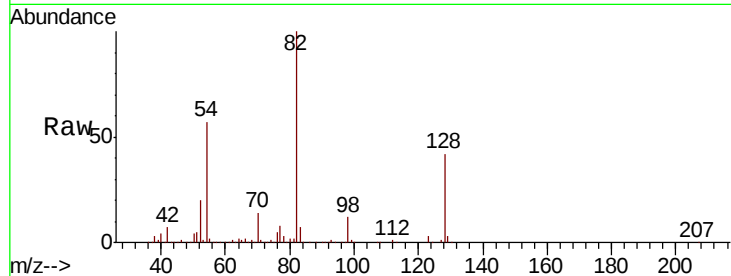




#23
 Nitrobenzene-d5
 Concen: 89.186 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

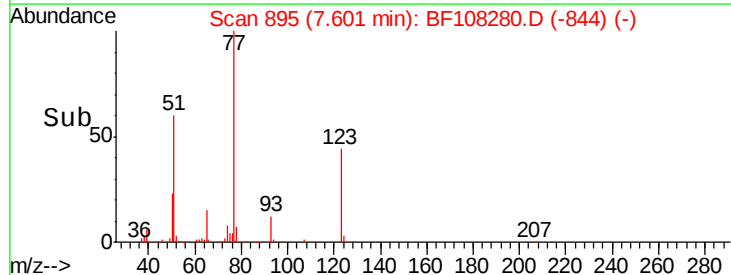
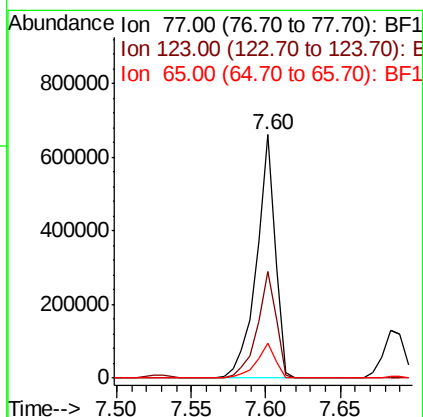
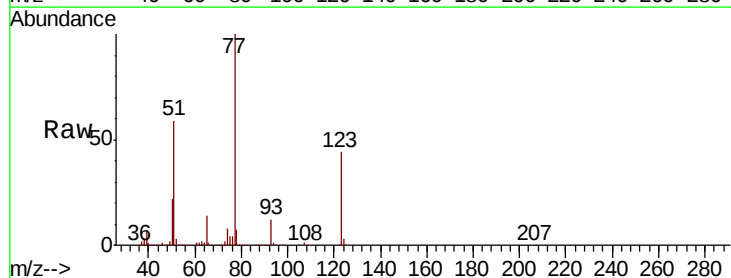
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

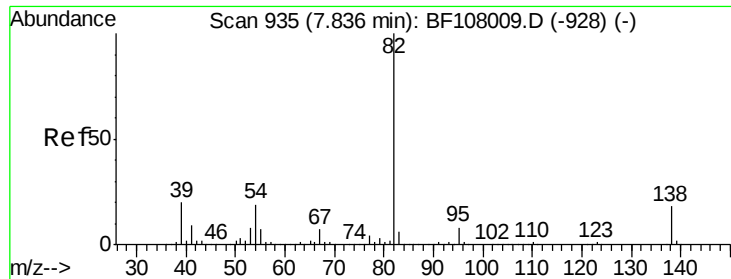
Tot Ion: 82 Resp: 1083360
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.1 54.1
 54 57.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 46.163 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion: 77 Resp: 567044
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.9 56.9
 65 14.5 11.0 16.4





#25

Isophorone

Concen: 45.594 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

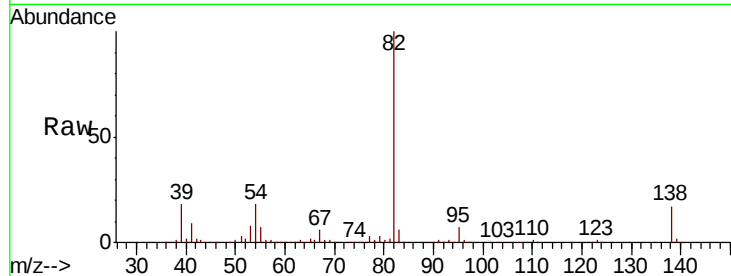
Tot Ion: 82 Resp: 1055641

Ion Ratio Lower Upper

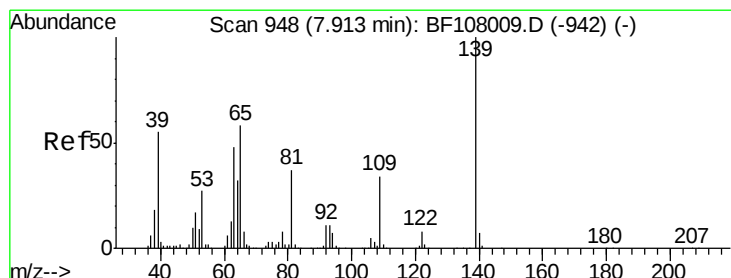
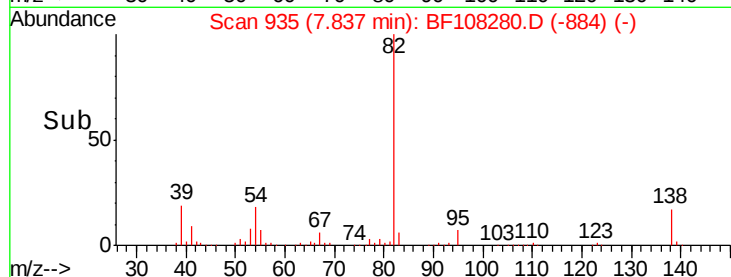
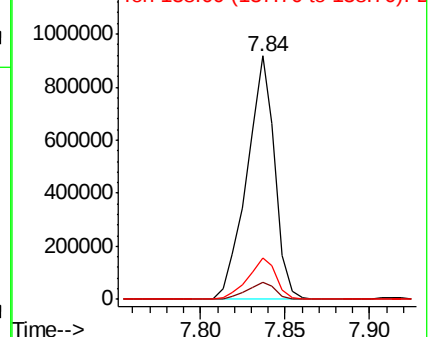
82 100

95 7.1 5.2 7.8

138 16.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.087 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

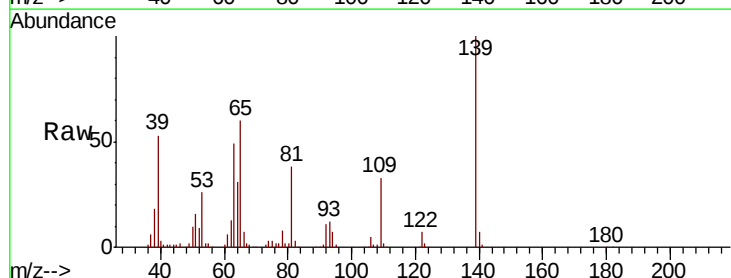
Tgt Ion: 139 Resp: 255536

Ion Ratio Lower Upper

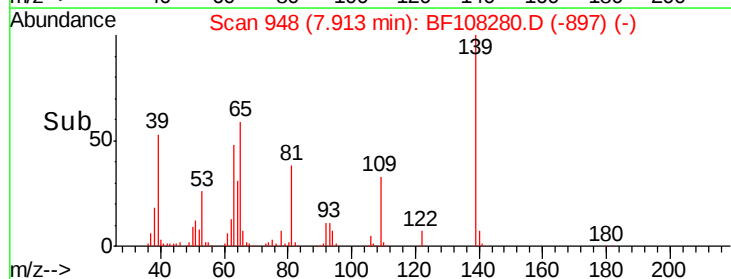
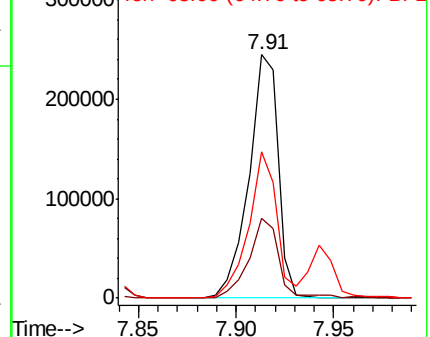
139 100

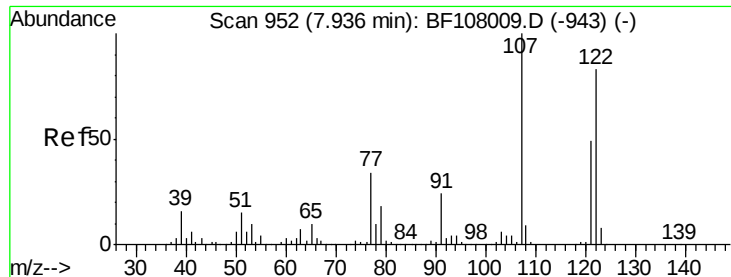
109 32.6 22.7 34.1

65 59.9 40.5 60.7



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

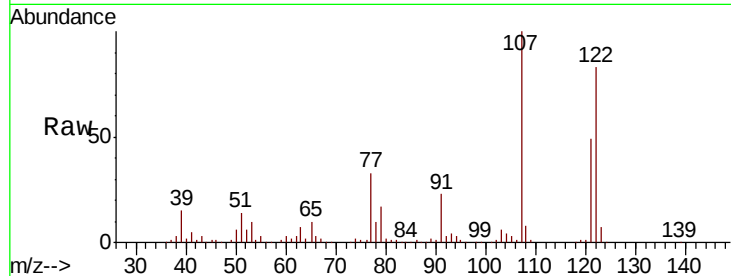




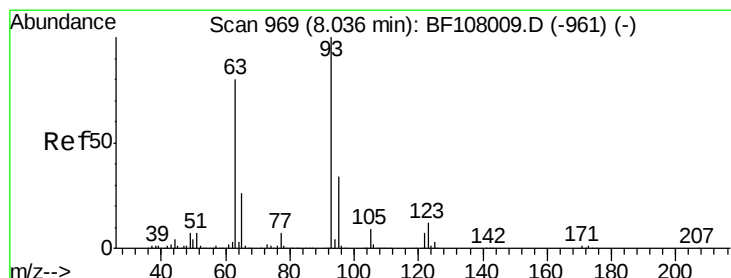
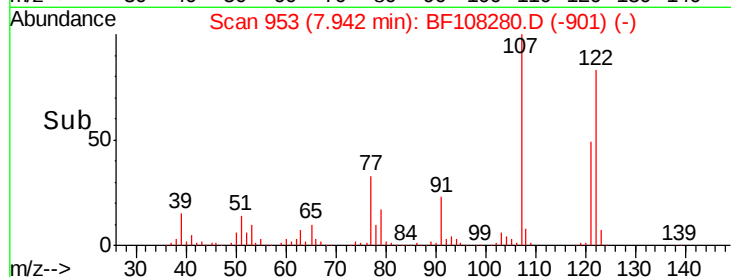
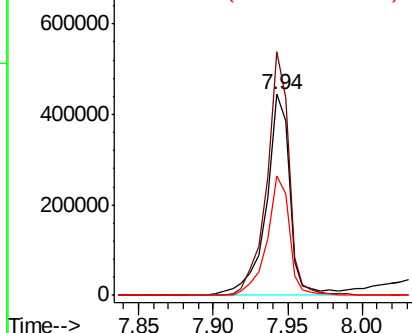
#27
 2,4-Dimethylphenol
 Concen: 47.413 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	91.2	136.8
121	59.1	47.2	70.8

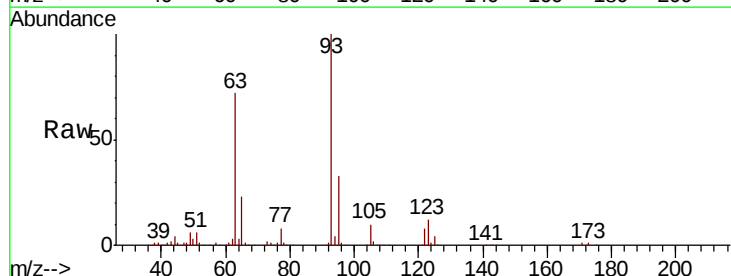


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

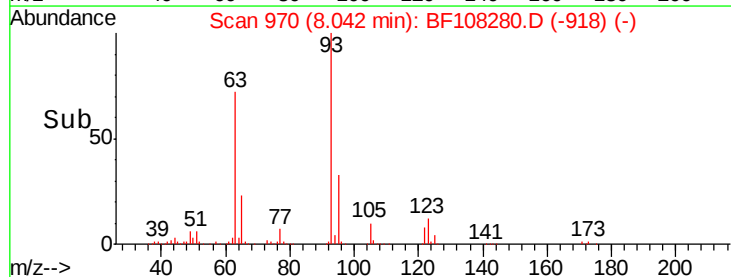
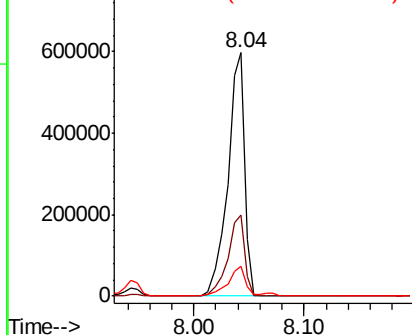


#28
 bis(2-Chloroethoxy)methane
 Concen: 47.049 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	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

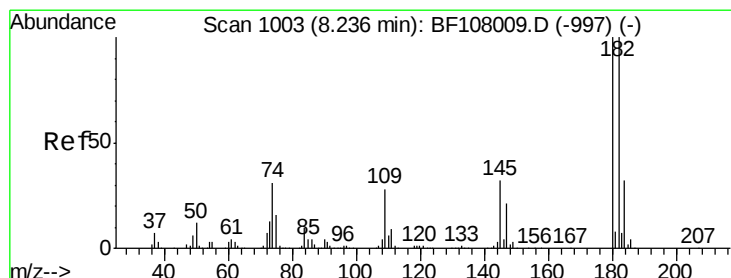
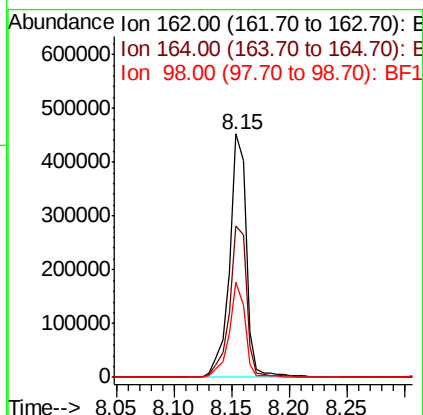
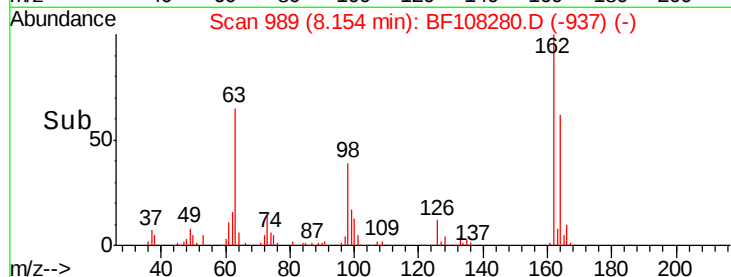
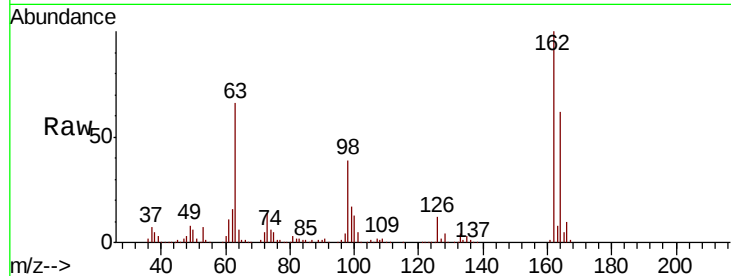




#29
 2,4-Dichlorophenol
 Concen: 48.664 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

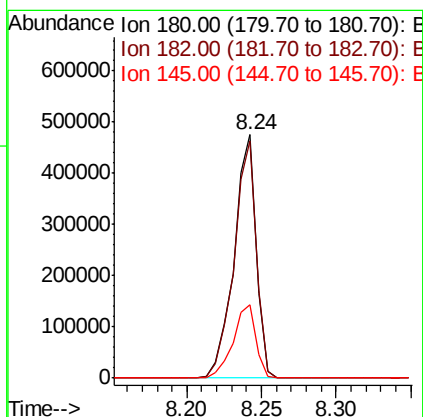
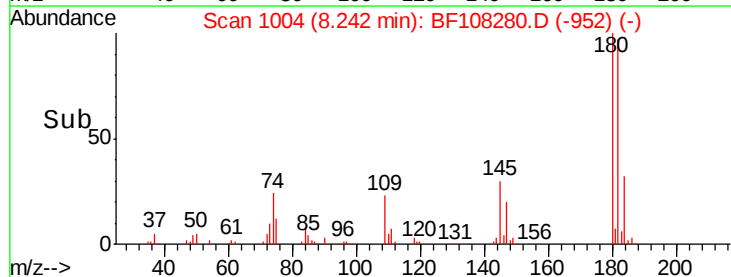
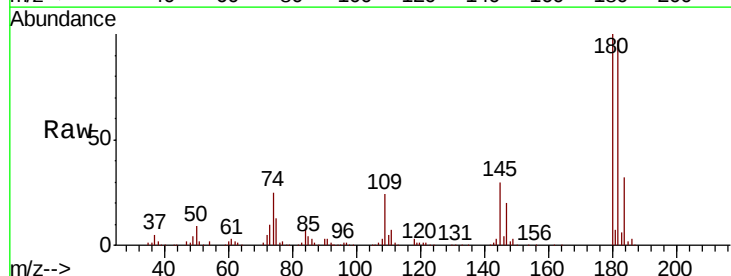
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

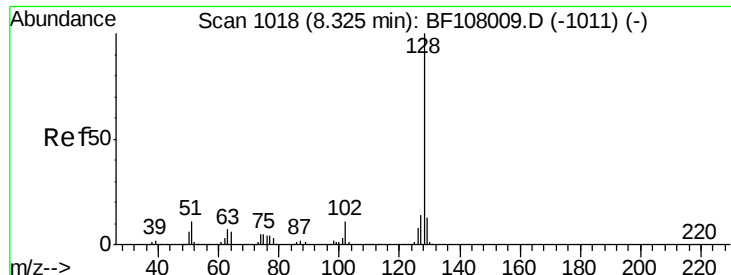
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.7	82.7
98	38.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.406 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	30.0	26.5	39.7

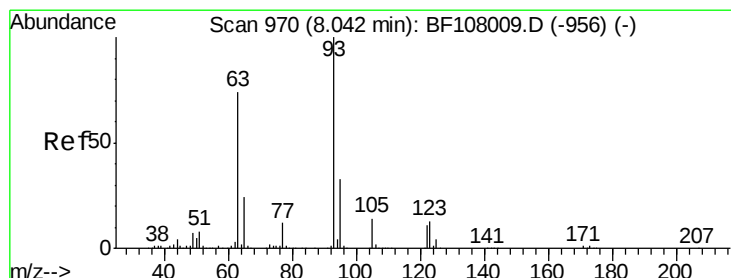
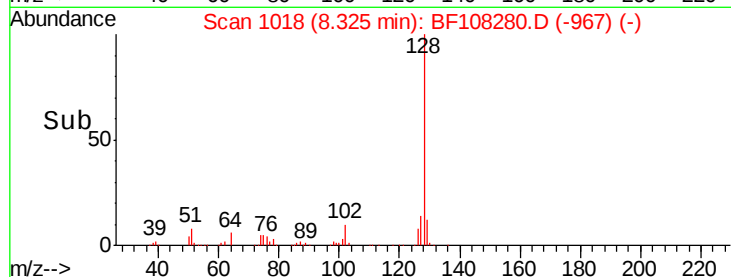
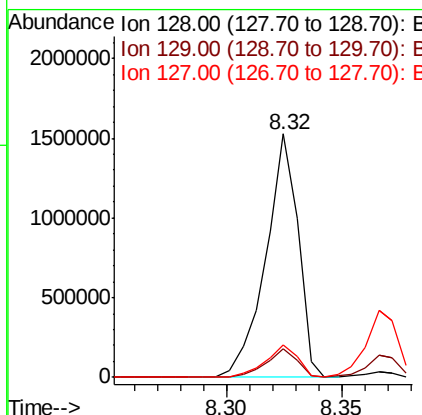
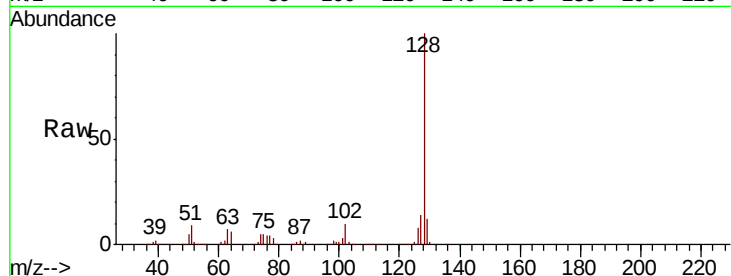




#31
Naphthalene
Concen: 48.146 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

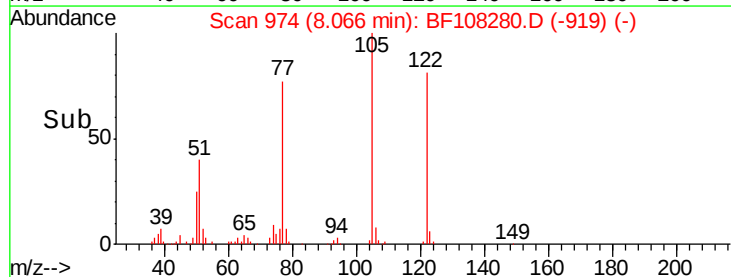
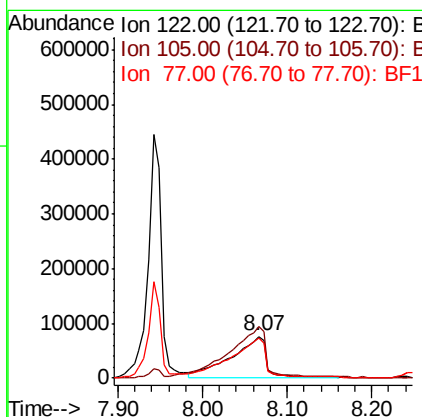
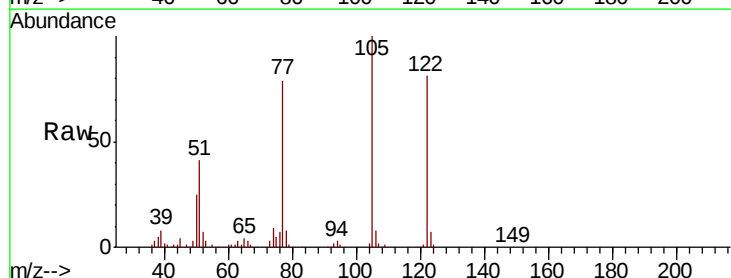
Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion:128 Resp: 1484160
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 37.878 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:122 Resp: 217290
Ion Ratio Lower Upper
122 100
105 123.8 101.1 141.1
77 97.7 70.7 110.7

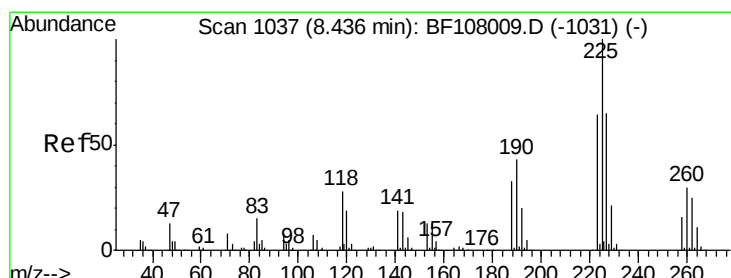
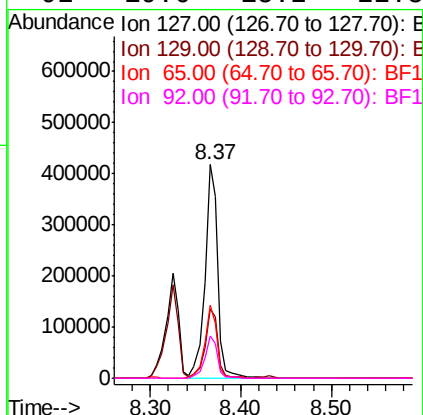
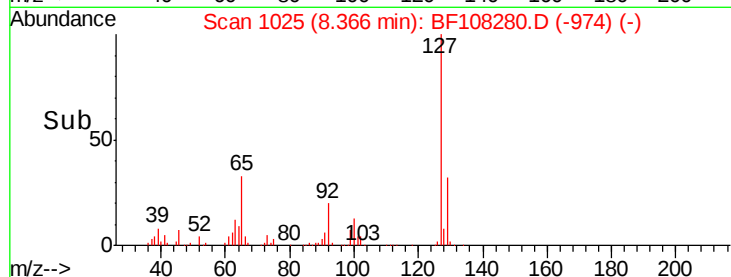
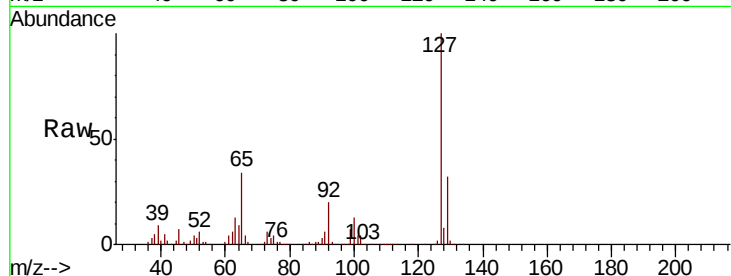




#33
4-Chloroaniline
Concen: 30.922 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

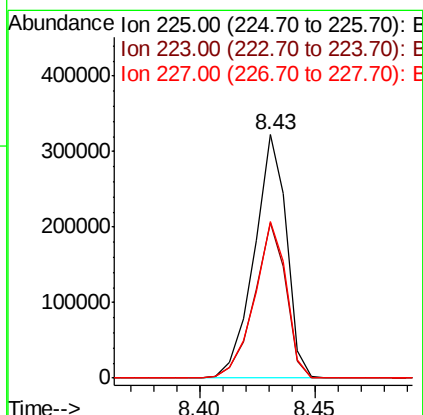
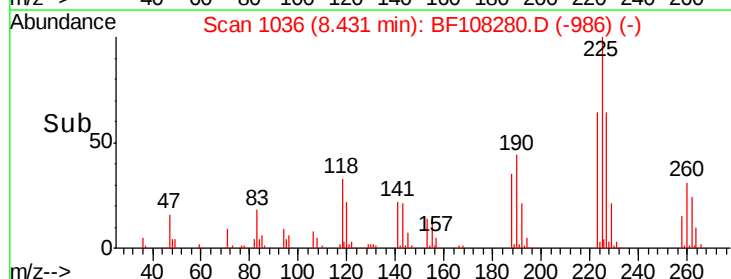
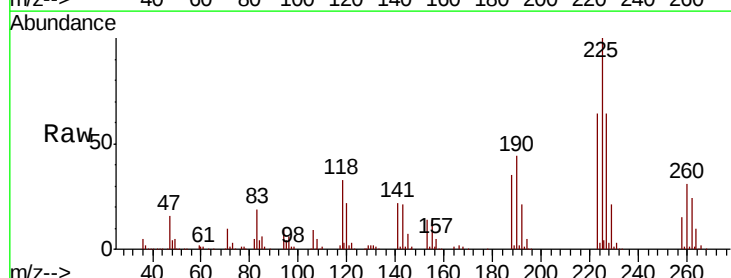
Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion:	127	Resp:	415403
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	34.2	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.587 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:	225	Resp:	314092
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.1	51.9	77.9

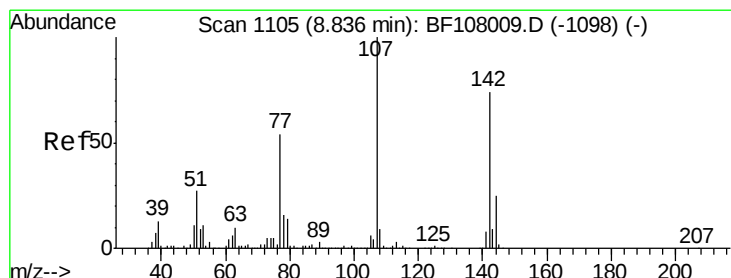
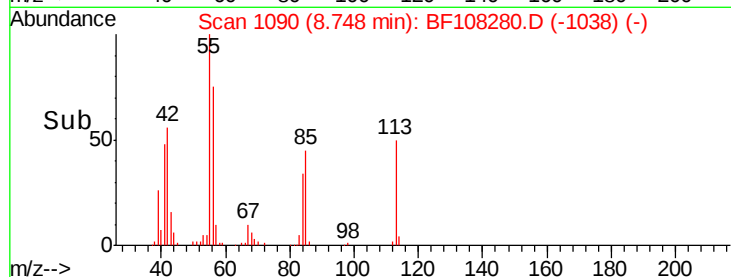
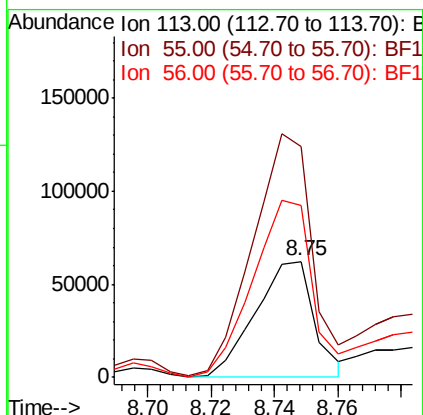
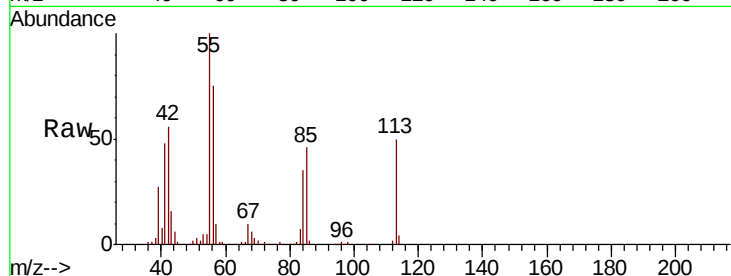




#35
Caprolactam
Concen: 27.271 ng
RT: 8.75 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

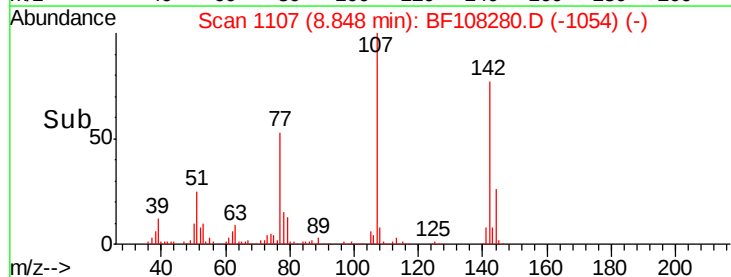
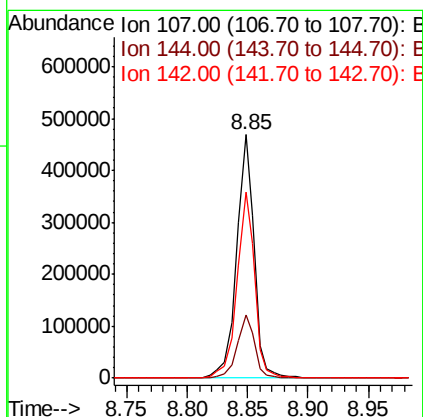
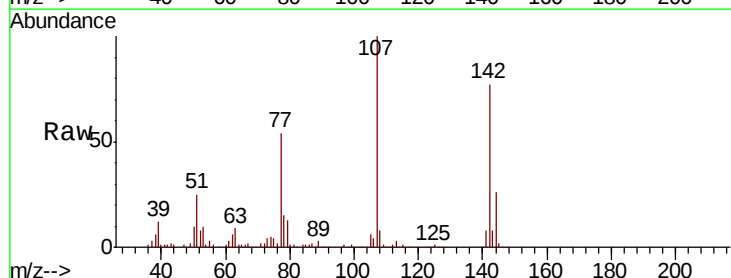
Instrument :
BNA_F
ClientSampleId :
PB112114BS

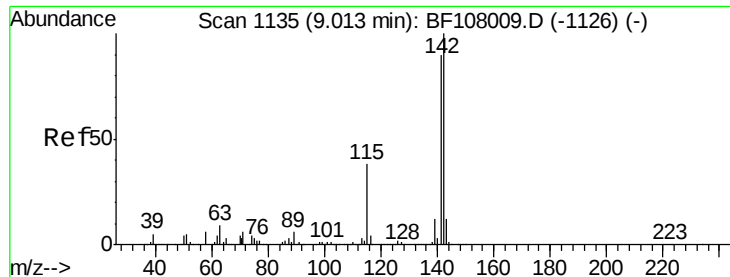
Tot Ion:113 Resp: 80818
Ion Ratio Lower Upper
113 100
55 198.8 163.3 203.3
56 148.3 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 46.562 ng
RT: 8.85 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:107 Resp: 475007
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 76.6 62.0 93.0

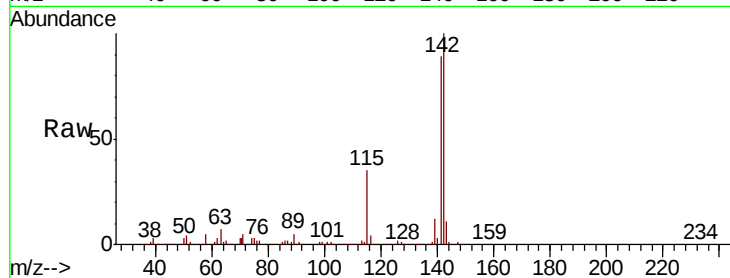




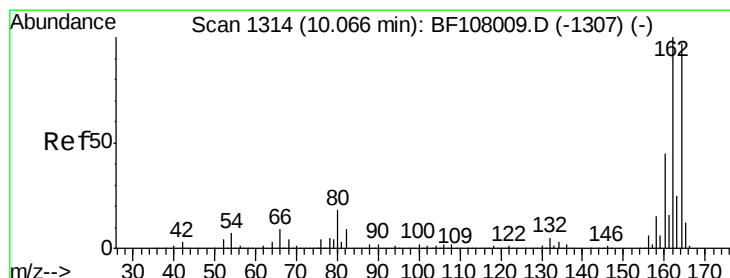
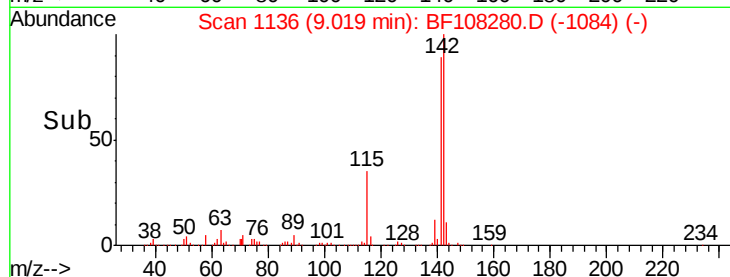
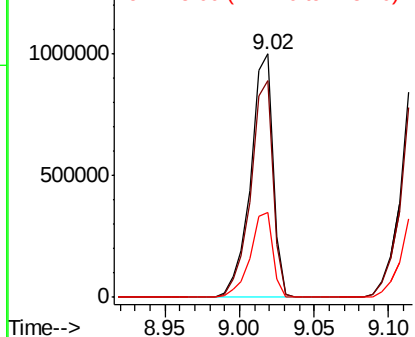
#37
2-Methylnaphthalene
Concen: 47.442 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion:142 Resp: 1034703
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 34.7 26.1 39.1

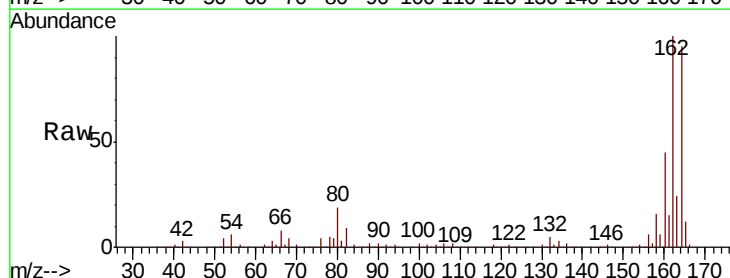


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

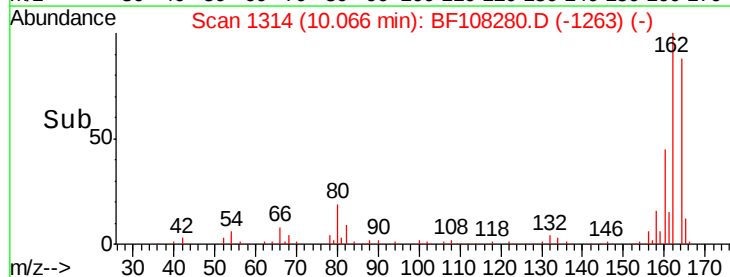
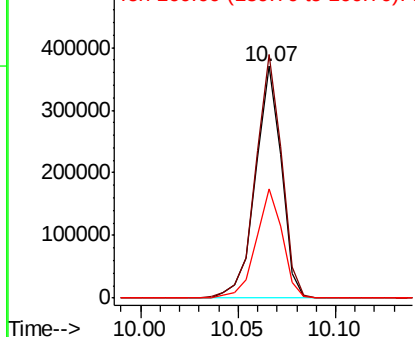


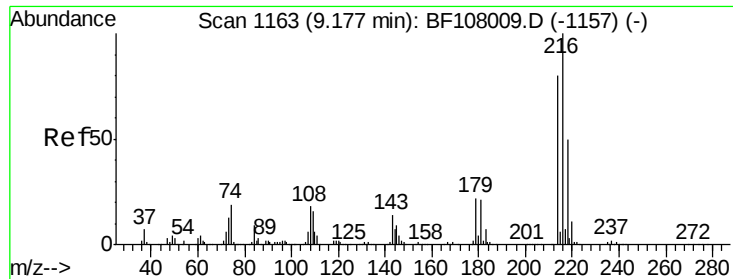
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:164 Resp: 339621
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 47.2 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

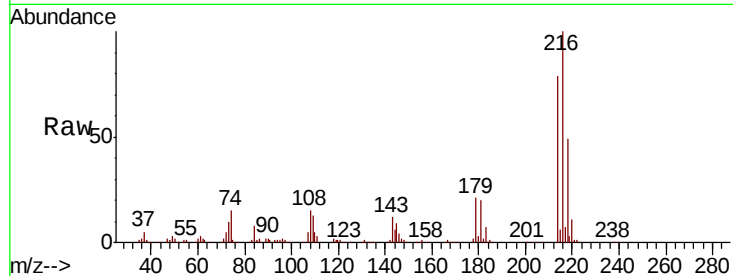




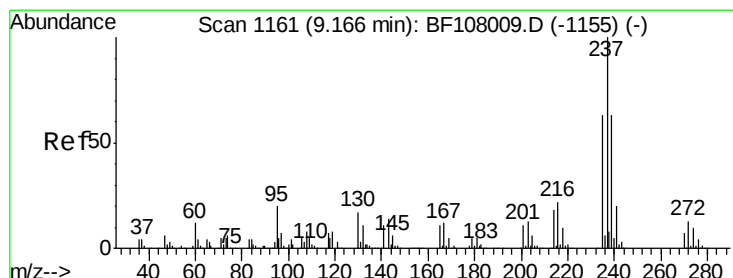
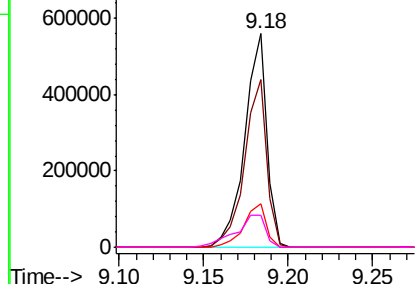
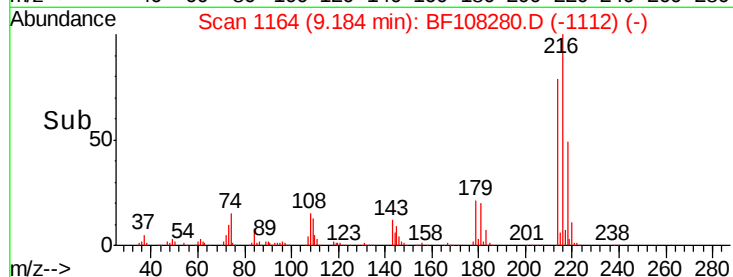
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.239 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion:216	Resp:	513534
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.0 94.4
179	20.4	18.1 27.1
108	20.3	17.2 25.8

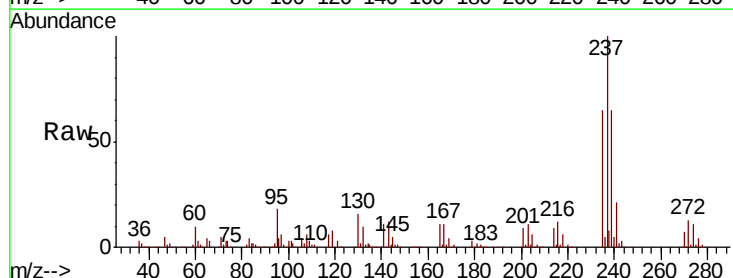


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

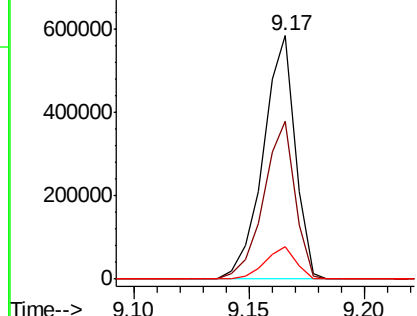
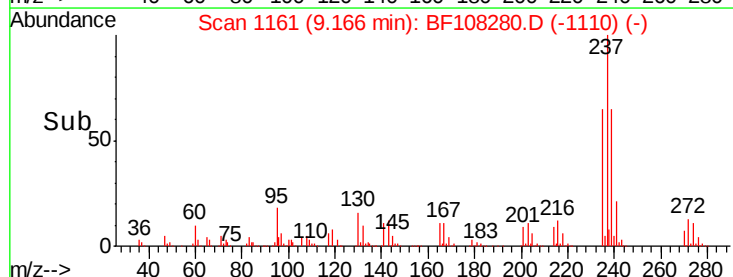


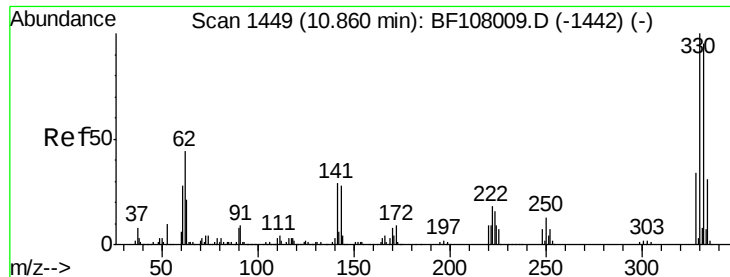
#40
 Hexachlorocyclopentadiene
 Concen: 83.722 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:237	Resp:	563991
Ion Ratio	Lower	Upper
237	100	
235	64.6	44.8 84.8
272	13.5	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

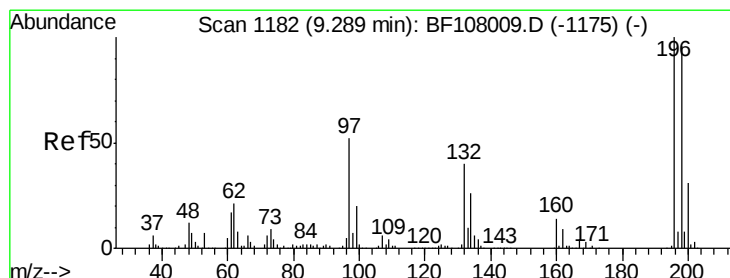
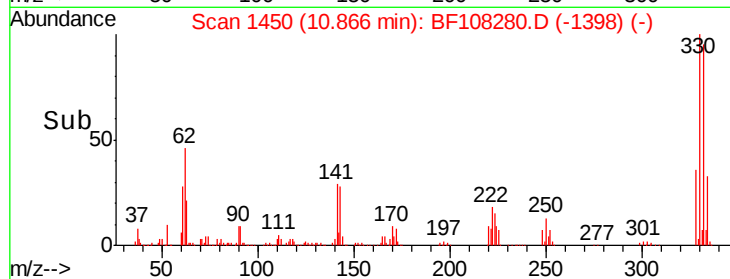
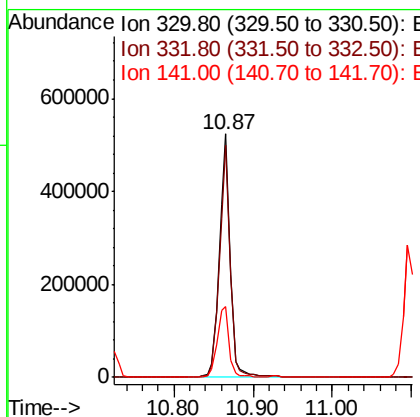
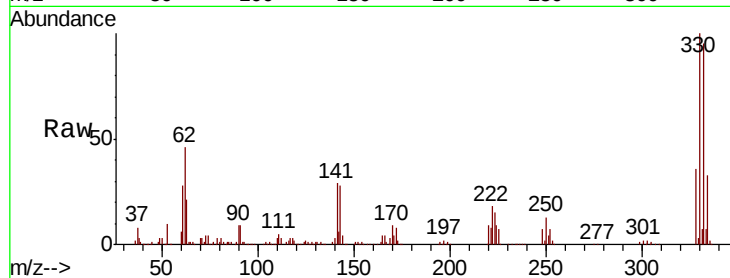




#41
 2,4,6-Tribromophenol
 Concen: 146.379 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

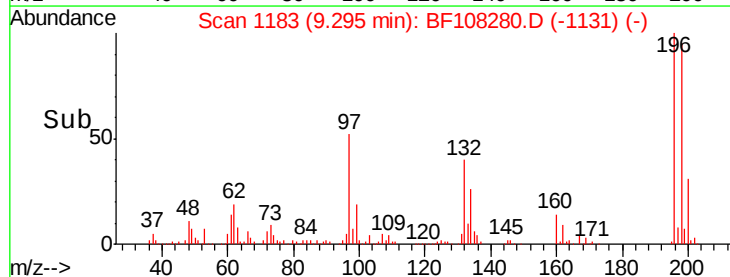
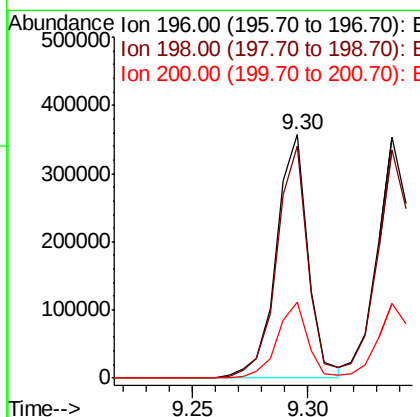
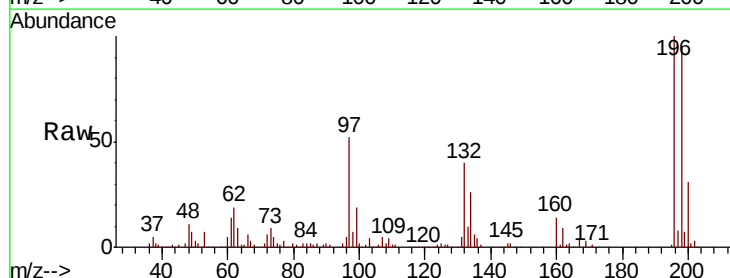
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

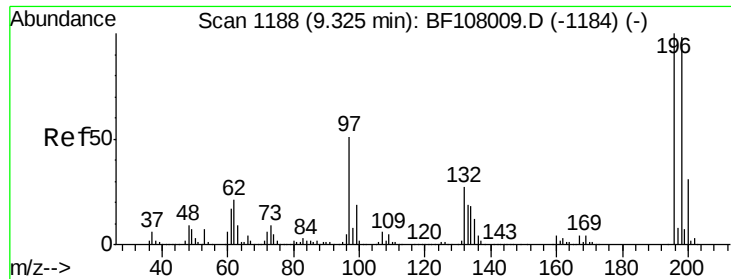
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 52.282 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	31.1	24.5	36.7

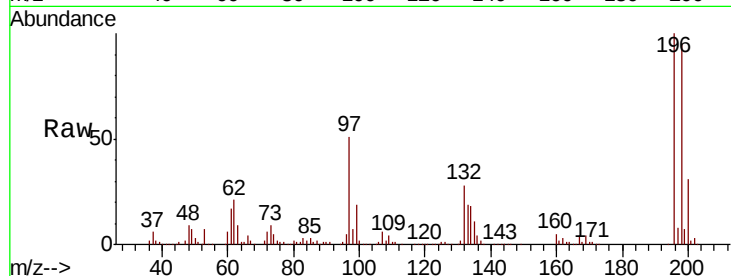




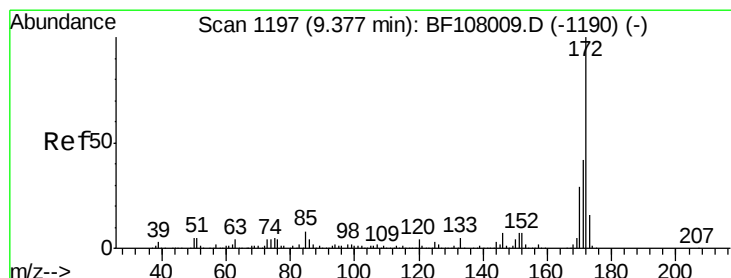
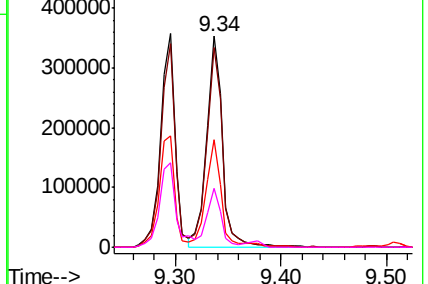
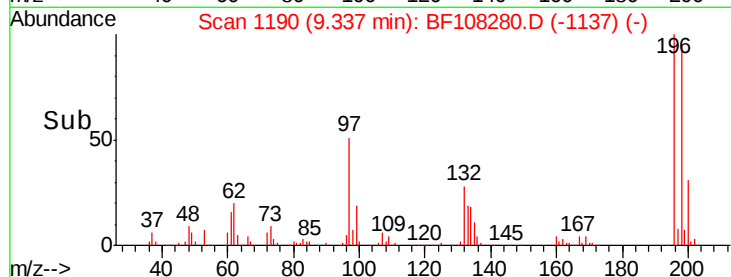
#43
 2,4,5-Trichlorophenol
 Concen: 51.411 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion:	196	Resp:	366280
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	50.8	42.9	64.3
132	27.7	26.3	39.5

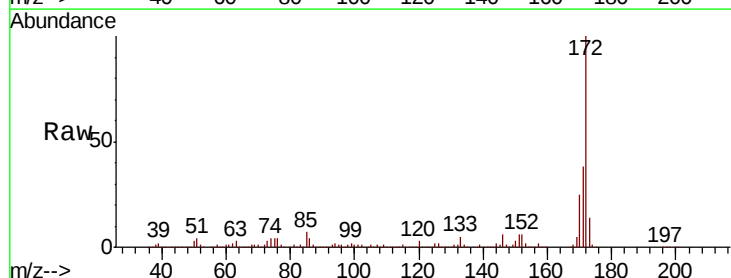


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

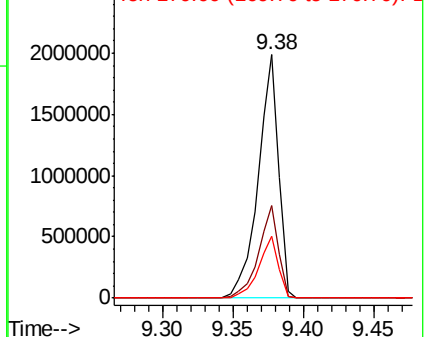
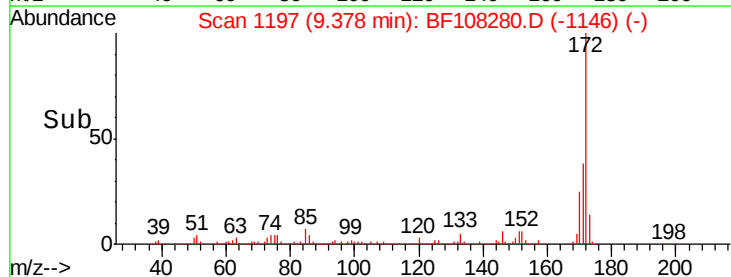


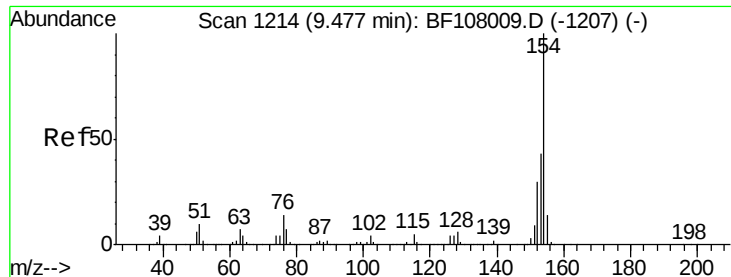
#44
 2-Fluorobiphenyl
 Concen: 95.651 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:	172	Resp:	2023392
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.5	19.6	29.4



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

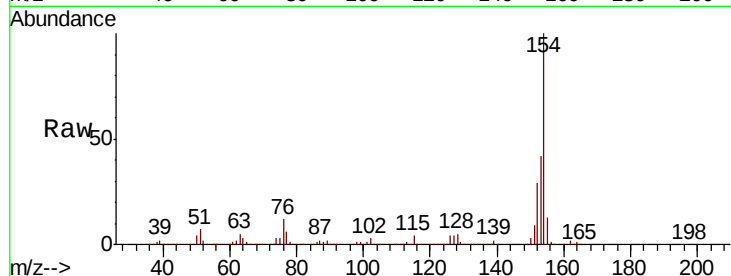




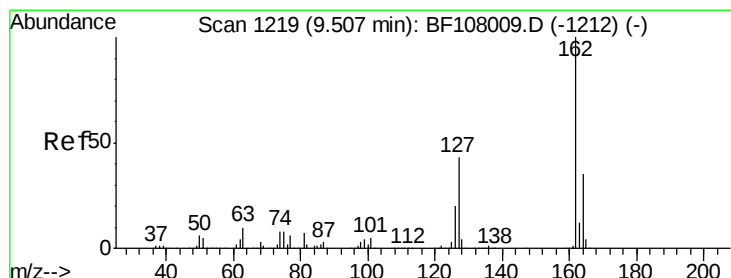
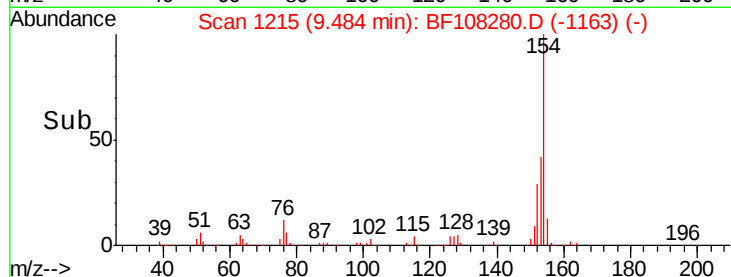
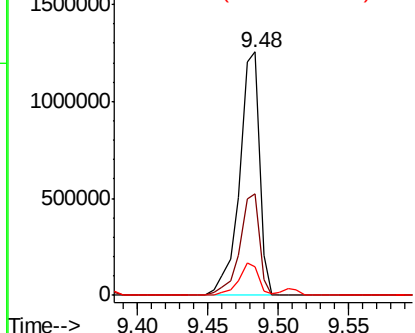
#45
 1,1'-Biphenyl
 Concen: 49.317 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion:154 Resp: 1234902
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.3 61.3
 76 11.5 0.0 34.0

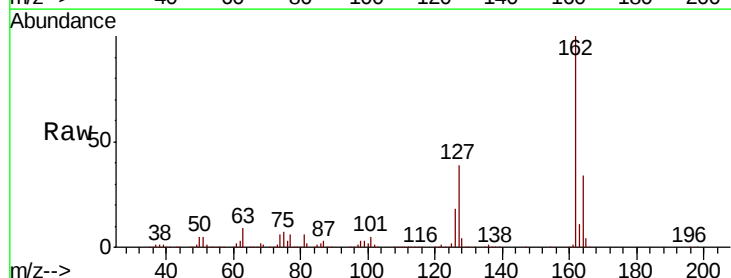


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

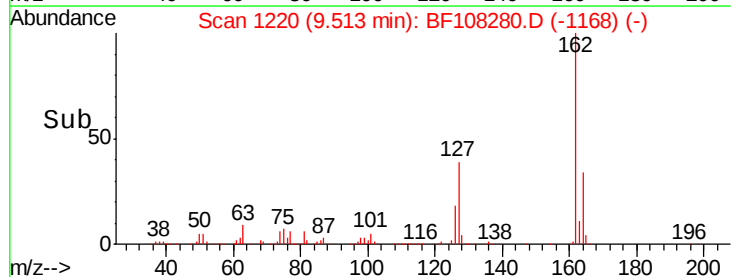
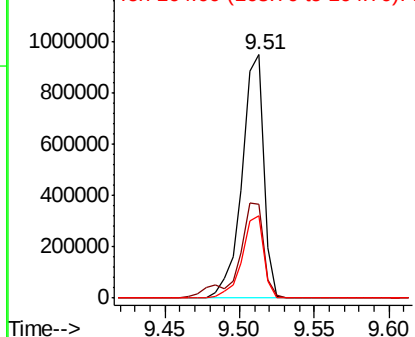


#46
 2-Chloronaphthalene
 Concen: 48.778 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:162 Resp: 965359
 Ion Ratio Lower Upper
 162 100
 127 38.6 33.9 50.9
 164 33.9 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

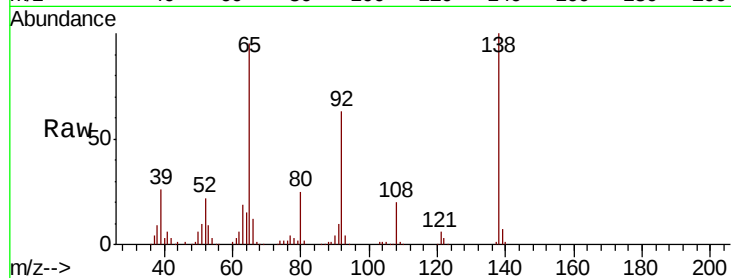




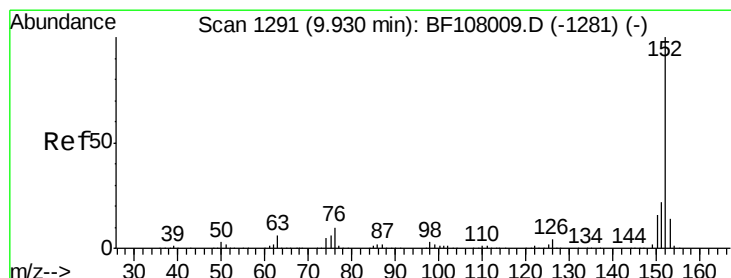
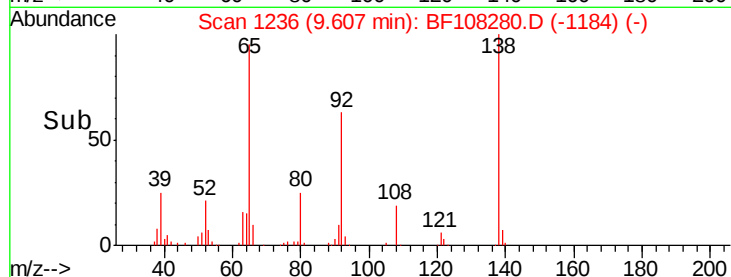
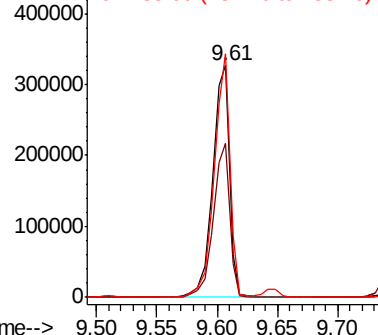
#47
2-Nitroaniline
Concen: 49.820 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion: 65 Resp: 319028
Ion Ratio Lower Upper
65 100
92 66.3 55.8 83.6
138 105.0 91.2 136.8

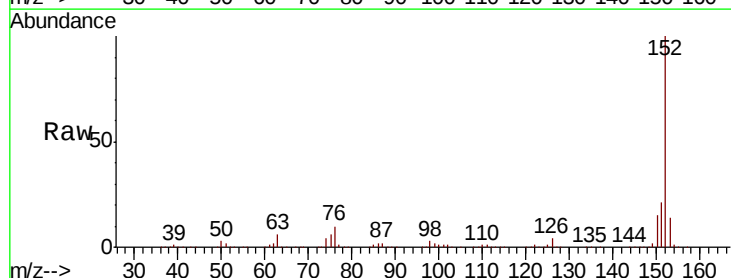


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

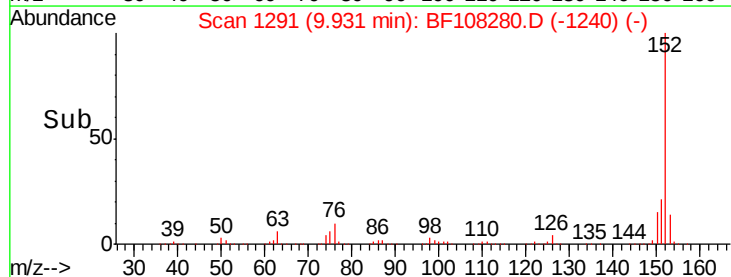
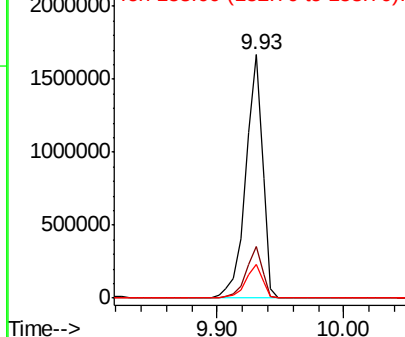


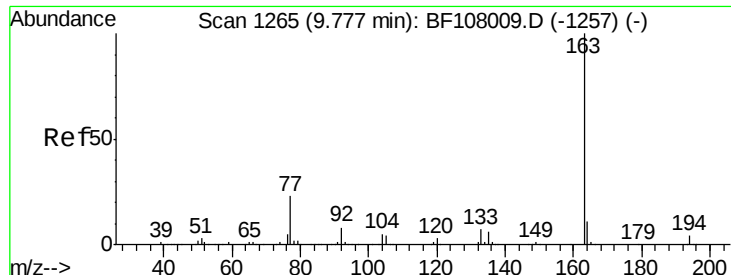
#48
Acenaphthylene
Concen: 48.994 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion: 152 Resp: 1532915
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.9 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

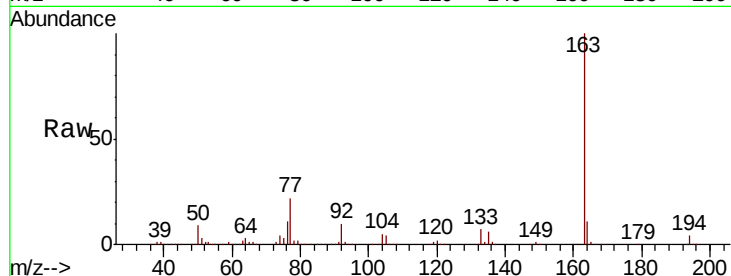




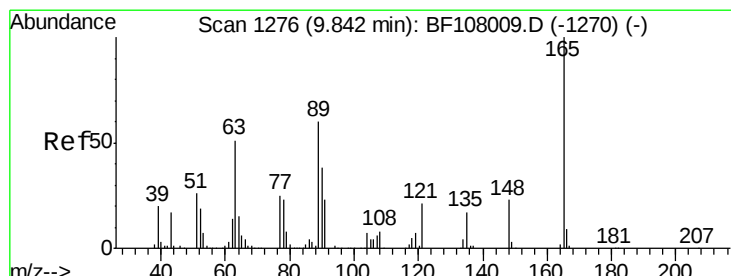
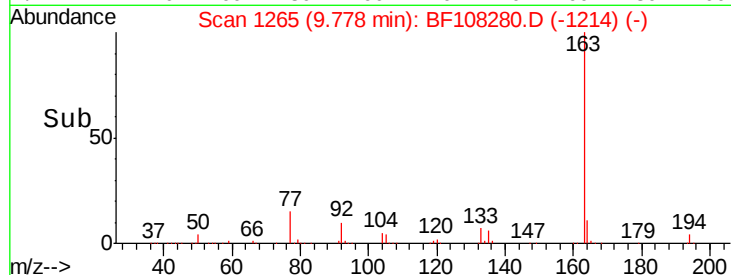
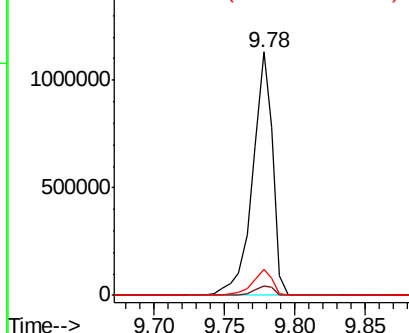
#49
Dimethylphthalate
Concen: 47.471 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion:163 Resp: 1123045
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.8 8.2 12.2

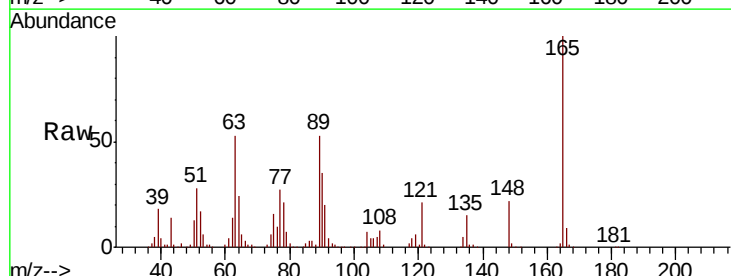


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

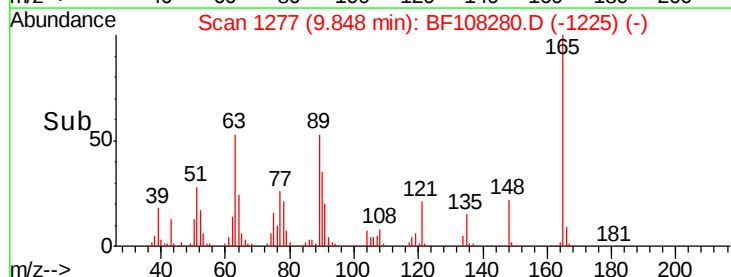
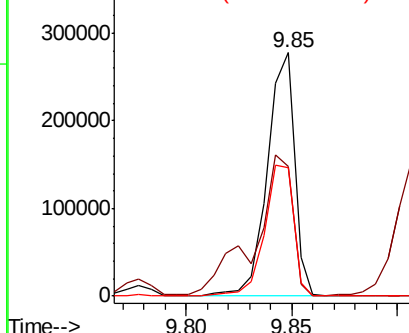


#50
2,6-Dinitrotoluene
Concen: 50.593 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:165 Resp: 250416
Ion Ratio Lower Upper
165 100
63 53.1 44.7 67.1
89 52.6 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: 46.995 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

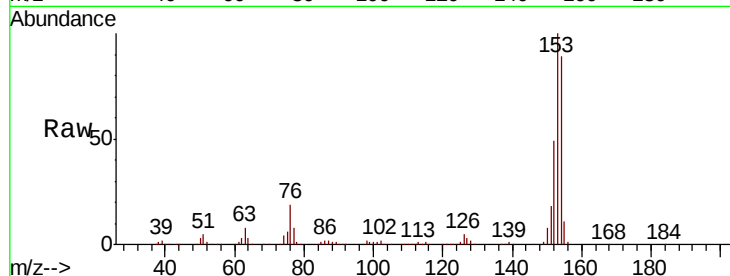
Tot Ion:154 Resp: 900589

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

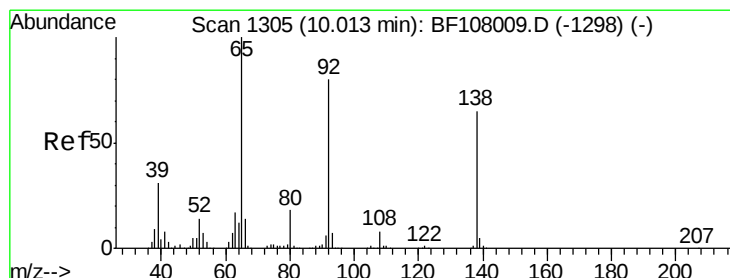
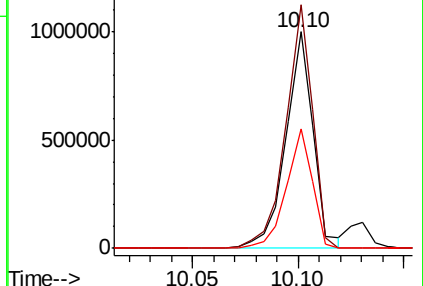
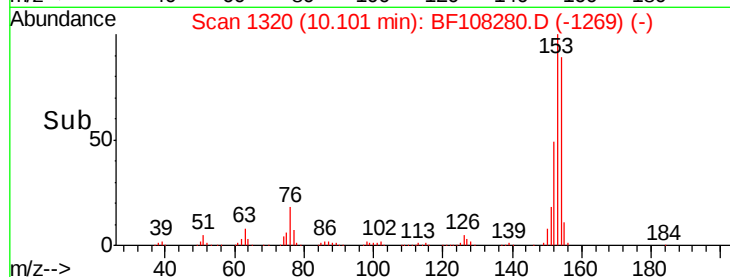
152 55.2 43.8 65.8



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: 36.985 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

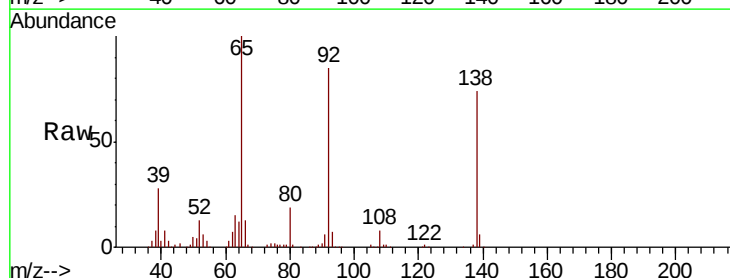
Tgt Ion:138 Resp: 200289

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

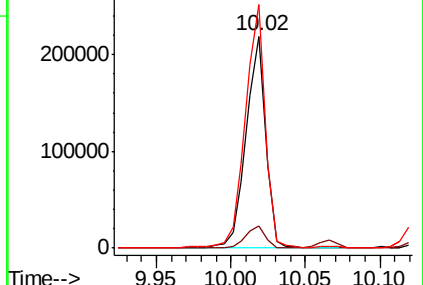
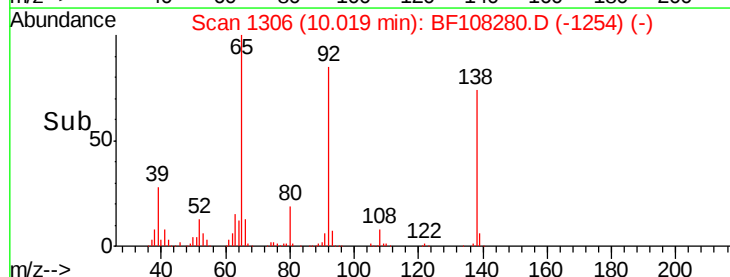
92 114.8 89.4 134.2

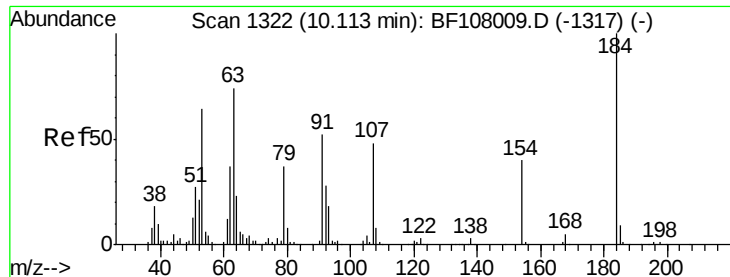


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

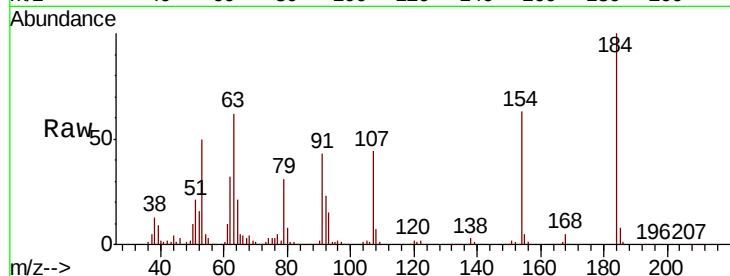




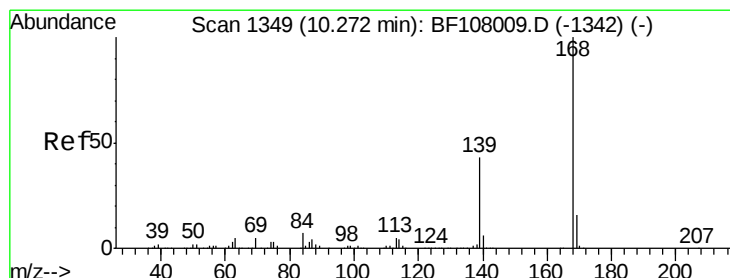
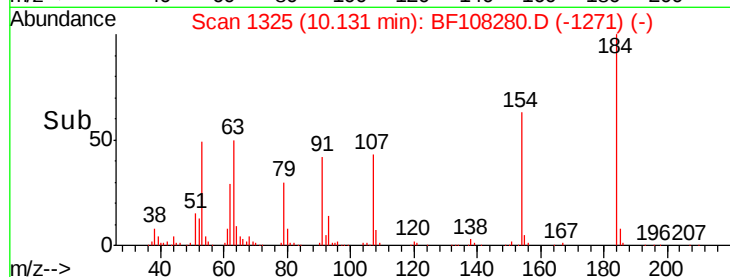
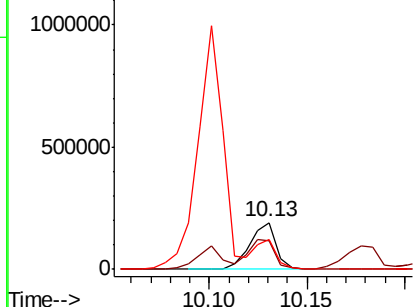
#53
2,4-Dinitrophenol
Concen: 95.916 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion:184 Resp: 180507
Ion Ratio Lower Upper
184 100
63 62.0 54.2 81.2
154 63.2 184.0 276.0#

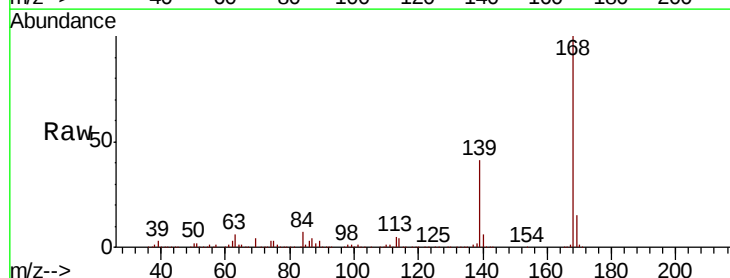


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

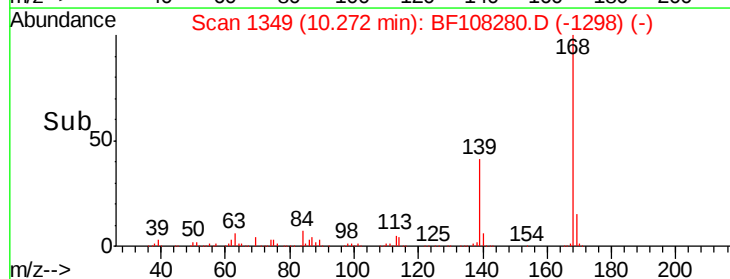
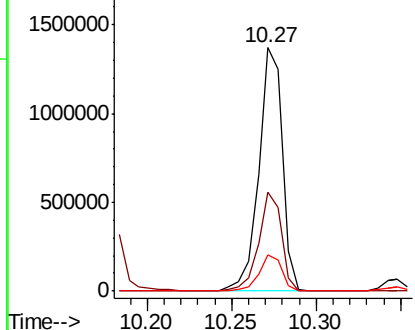


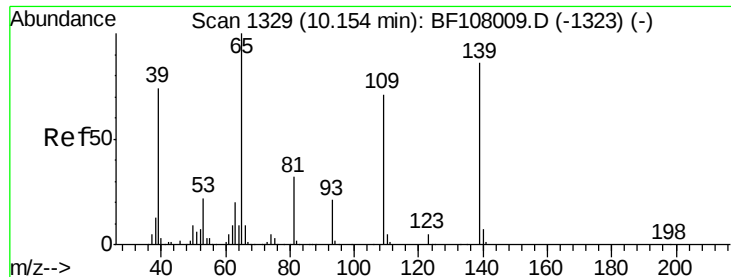
#54
Dibenzofuran
Concen: 47.906 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:168 Resp: 1330065
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 14.8 10.9 16.3



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

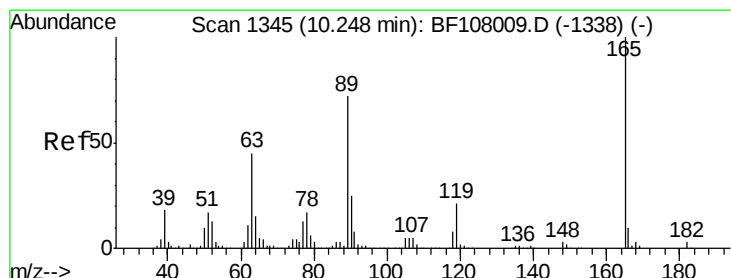
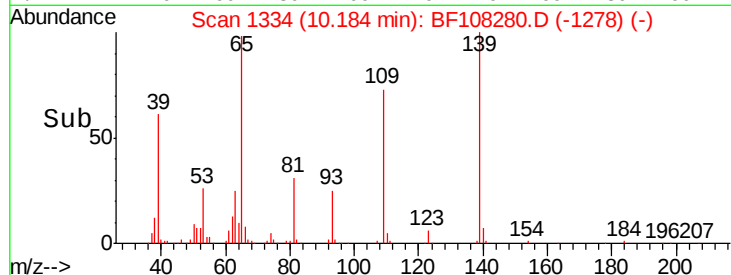
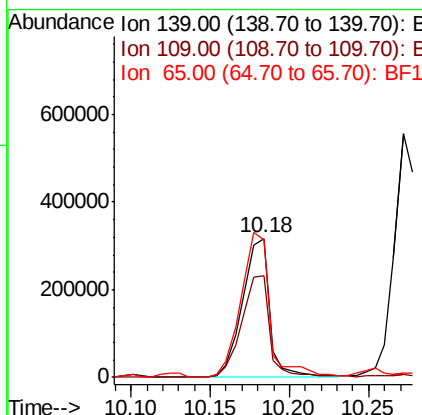
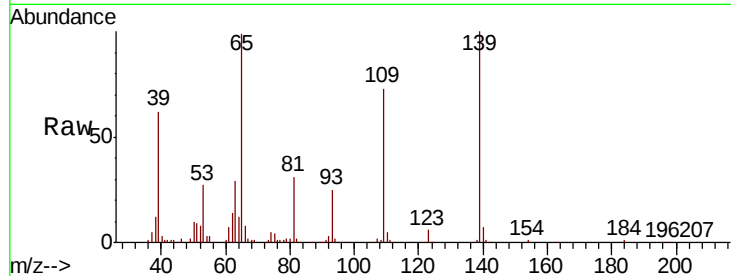




#55
4-Nitrophenol
Concen: 91.948 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

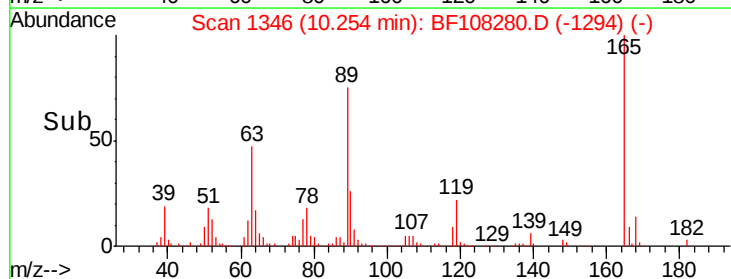
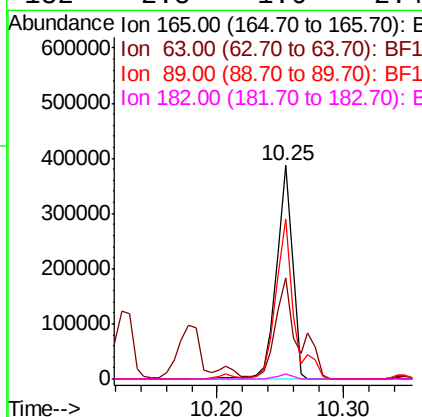
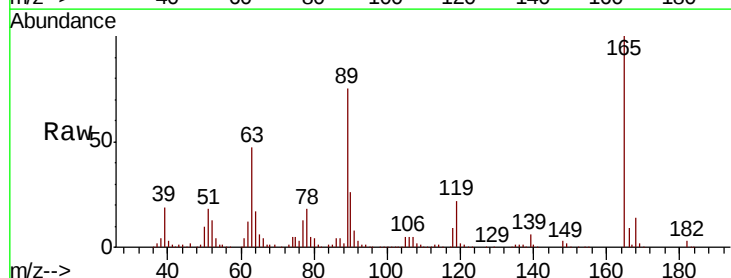
Instrument :
BNA_F
ClientSampleId :
PB112114BS

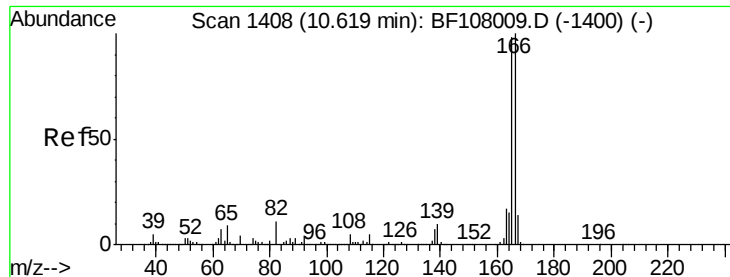
Tot Ion:139 Resp: 377067
Ion Ratio Lower Upper
139 100
109 72.8 48.4 88.4
65 98.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 52.622 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:165 Resp: 335257
Ion Ratio Lower Upper
165 100
63 47.3 36.4 54.6
89 74.6 57.8 86.6
182 2.5 1.6 2.4#

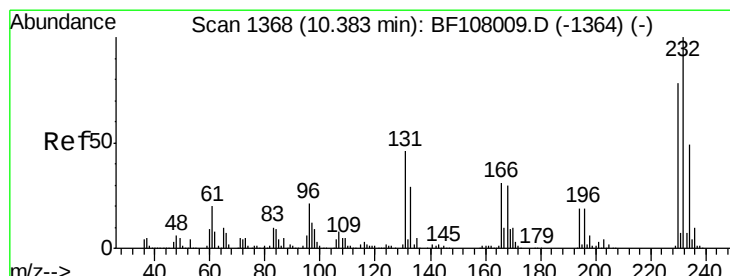
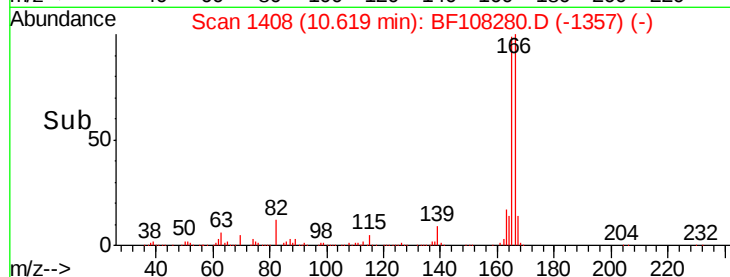
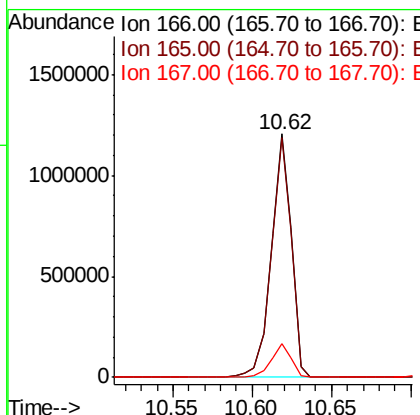
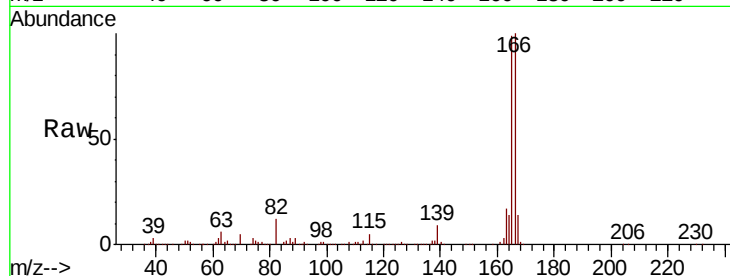




#57
 Fluorene
 Concen: 48.516 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

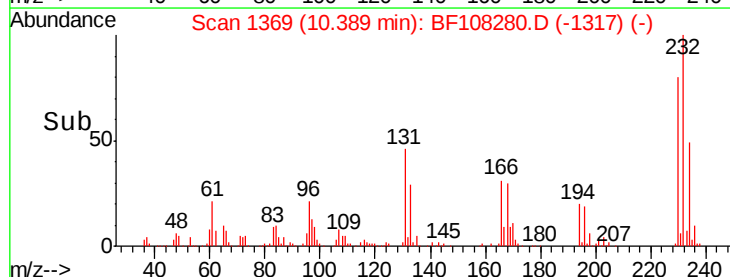
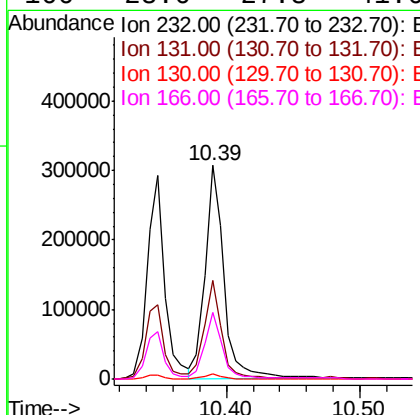
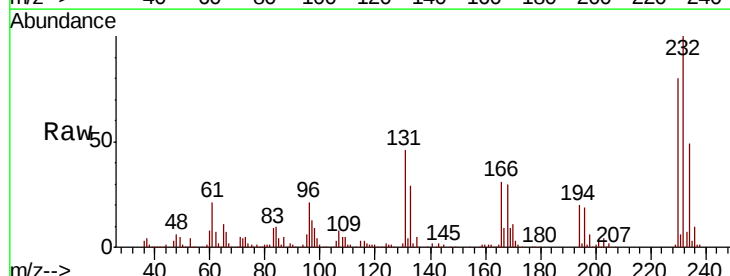
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

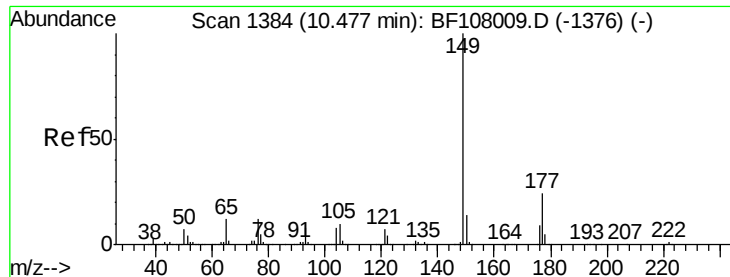
Tot Ion:166 Resp: 1066299
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.539 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:232 Resp: 300948
 Ion Ratio Lower Upper
 232 100
 131 41.8 43.8 65.8#
 130 2.2 2.1 3.1
 166 28.6 27.8 41.6





#59

Diethylphthalate

Concen: 47.174 ng

RT: 10.48 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

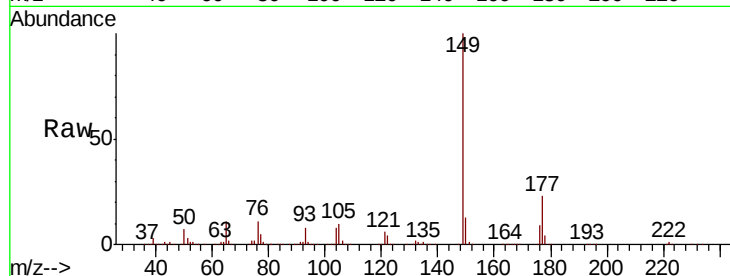
Tot Ion:149 Resp: 1080666

Ion Ratio Lower Upper

149 100

177 22.8 16.1 24.1

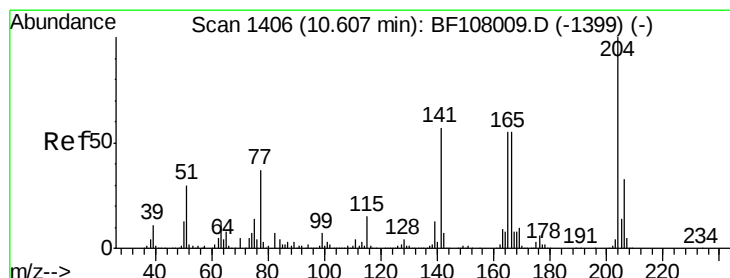
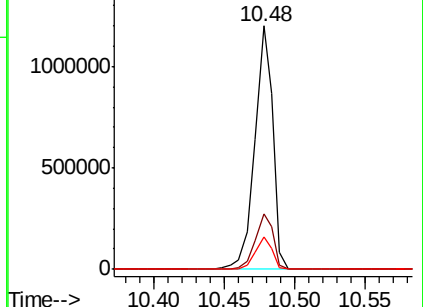
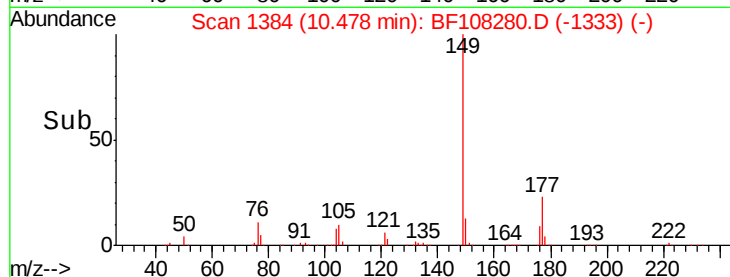
150 13.1 10.1 15.1



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: 47.710 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

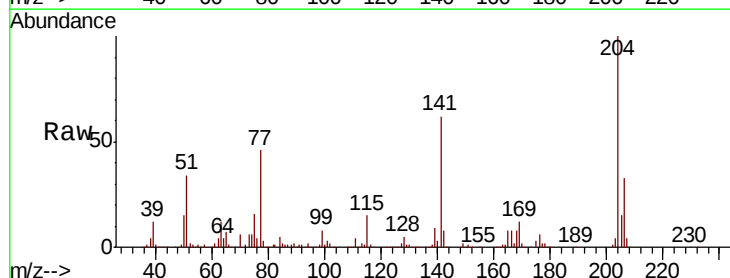
Tgt Ion:204 Resp: 546392

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

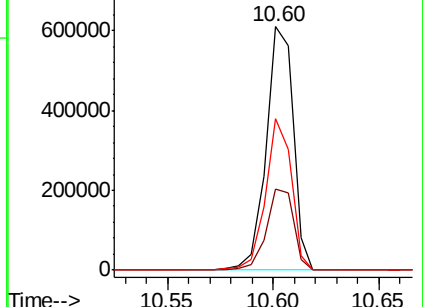
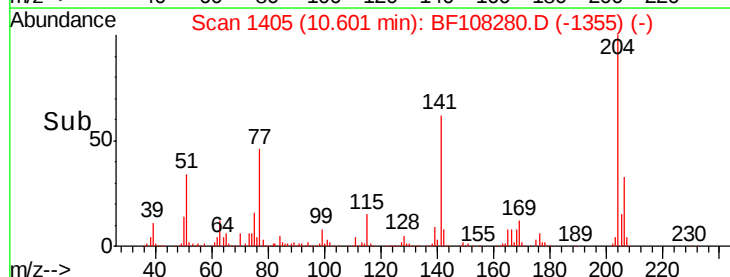
141 62.0 54.6 81.8

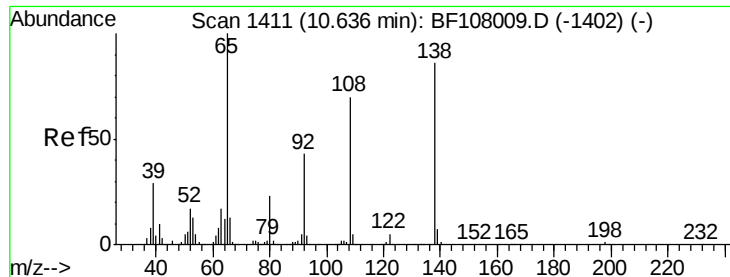


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

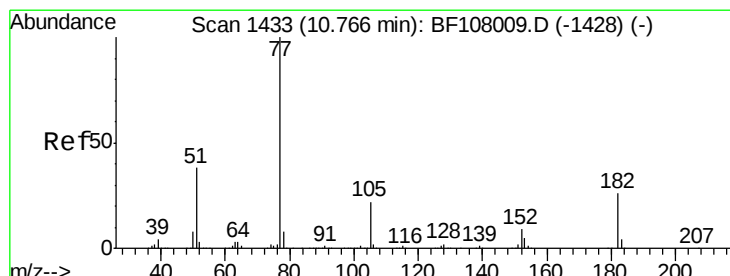
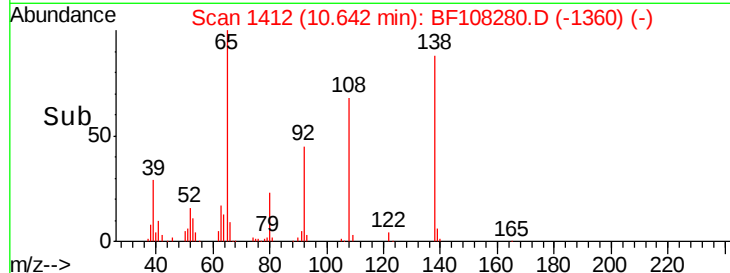
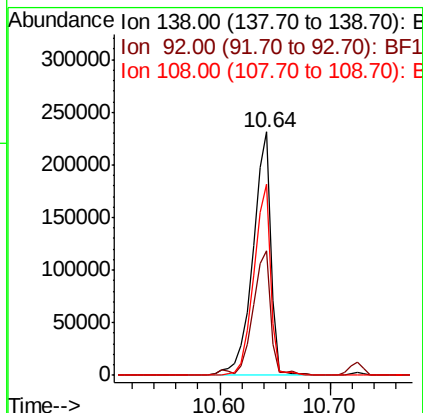
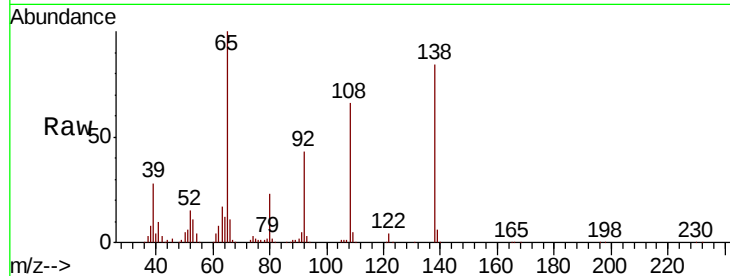




#61
4-Nitroaniline
Concen: 49.507 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

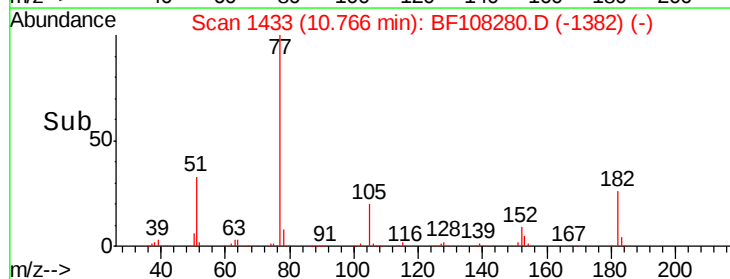
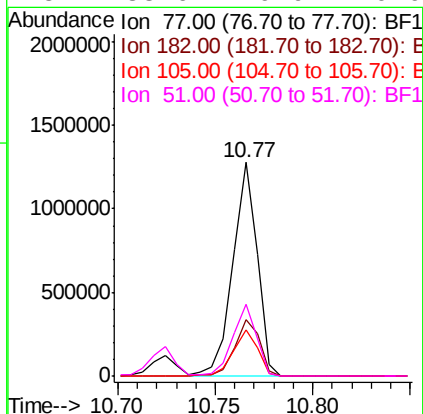
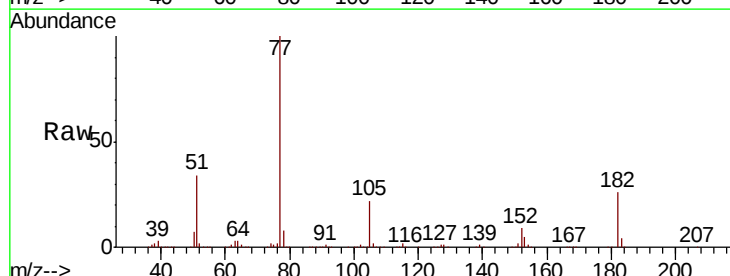
Instrument :
BNA_F
ClientSampleId :
PB112114BS

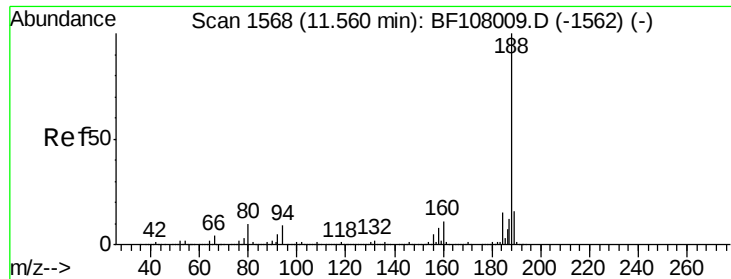
Tot Ion:138 Resp: 265067
Ion Ratio Lower Upper
138 100
92 51.1 30.2 70.2
108 78.7 52.5 92.5



#62
Azobenzene
Concen: 46.625 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion: 77 Resp: 1103049
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 21.8 3.0 43.0
51 33.6 9.9 49.9

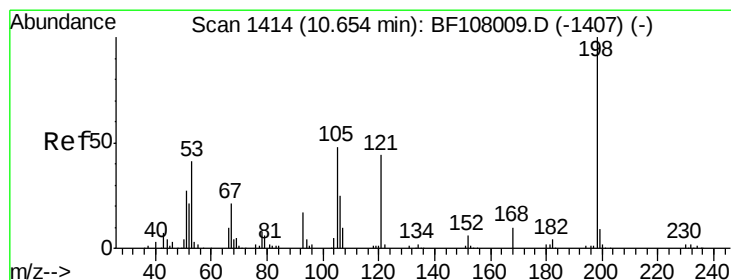
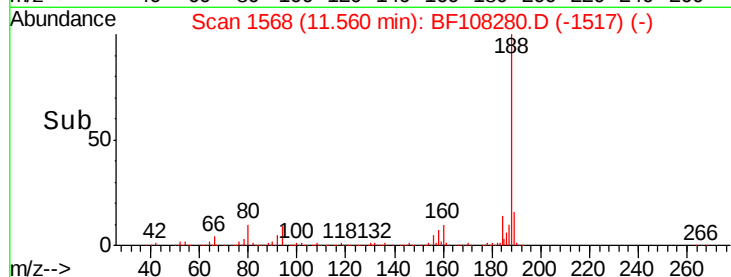
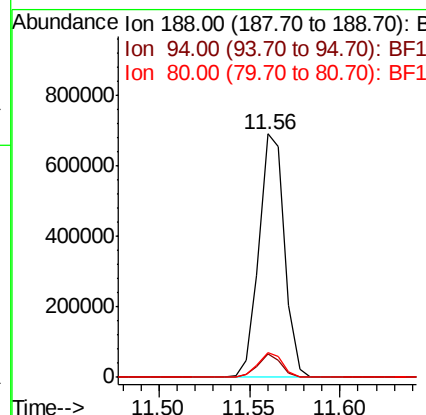
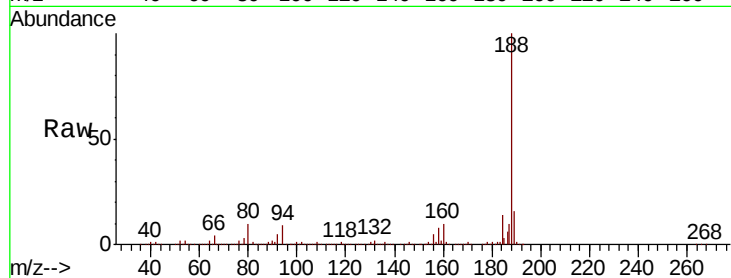




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

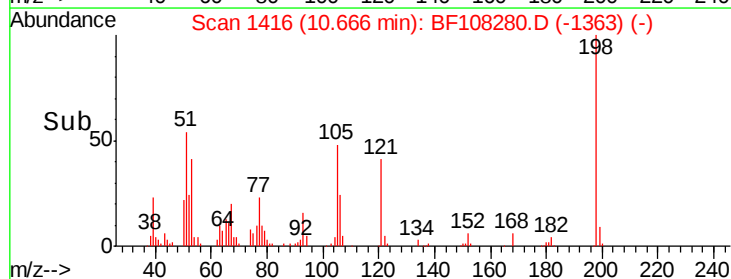
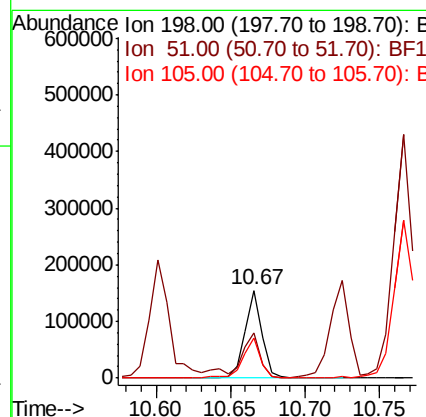
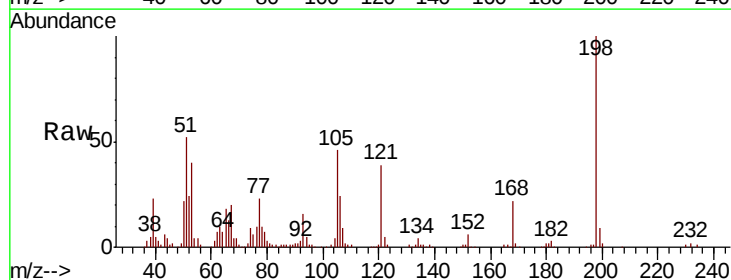
Instrument :
BNA_F
ClientSampleId :
PB112114BS

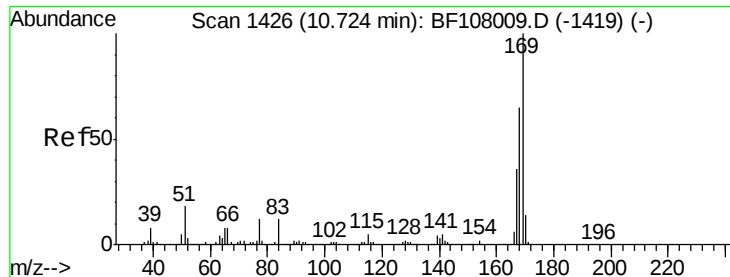
Tot Ion:188 Resp: 680254
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.581 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:198 Resp: 124257
Ion Ratio Lower Upper
198 100
51 51.8 37.7 77.7
105 46.2 36.3 76.3

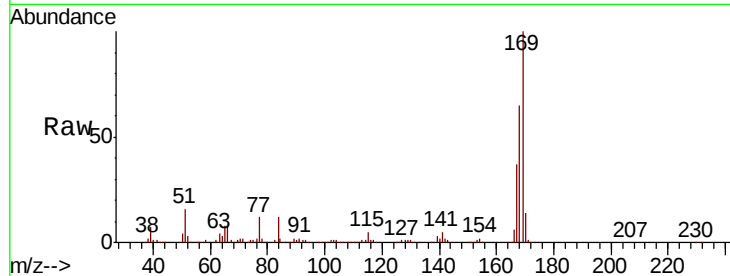




#65
 n-Nitrosodiphenylamine
 Concen: 47.683 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.2	54.4	81.6
167	36.6	29.8	44.6

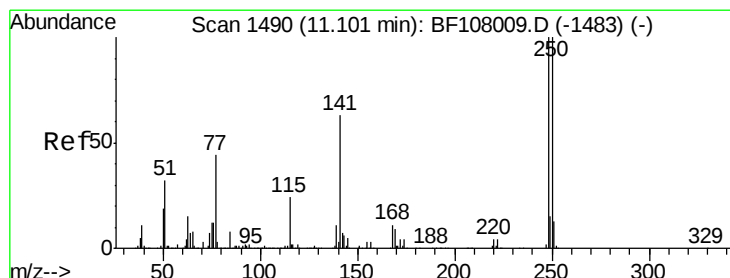
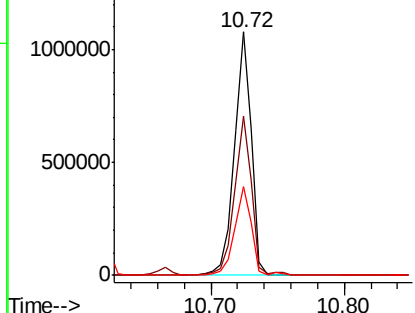
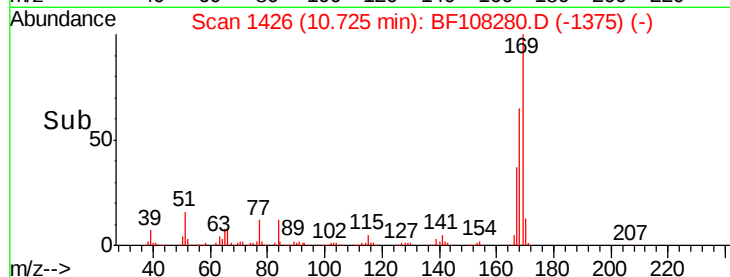


Abundance

Ion 169.00 (168.70 to 169.70): E

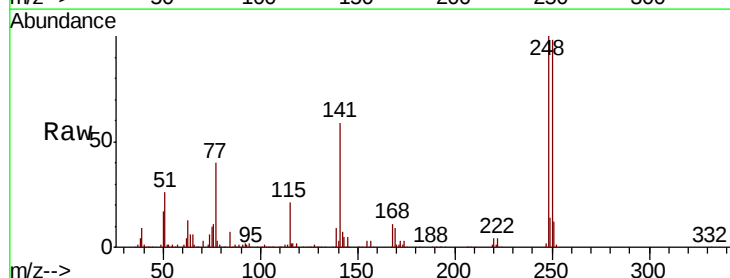
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 48.692 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	58.7	74.4	111.6#

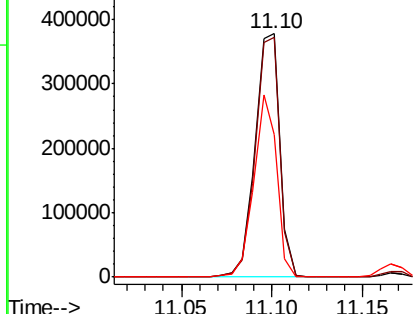
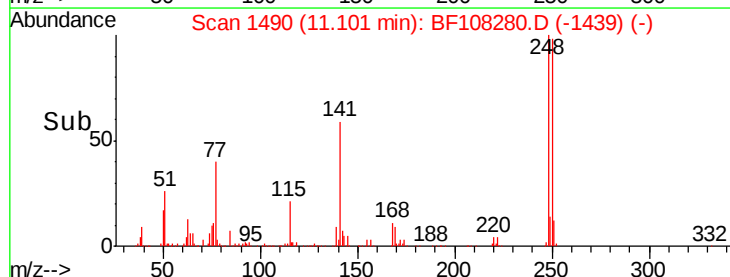


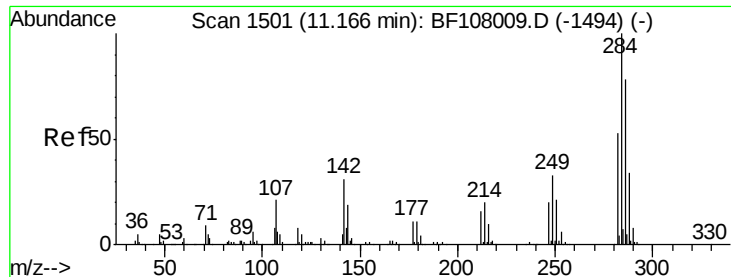
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

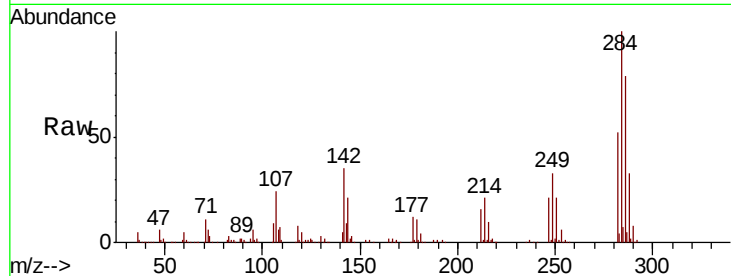




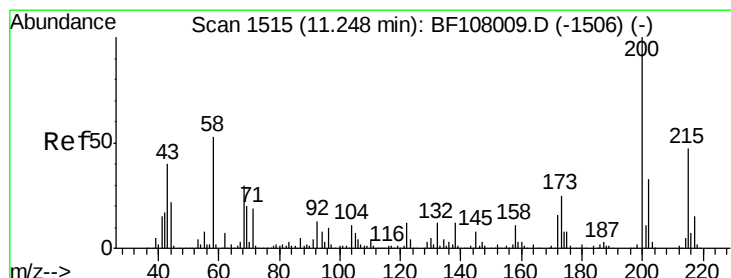
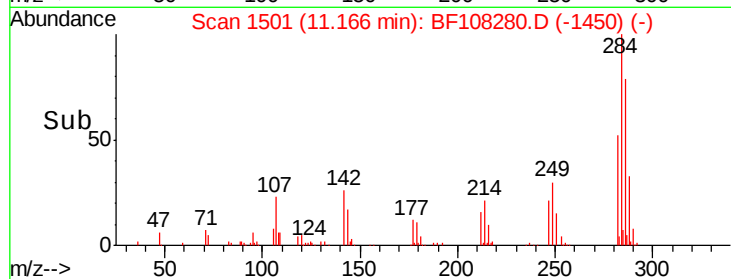
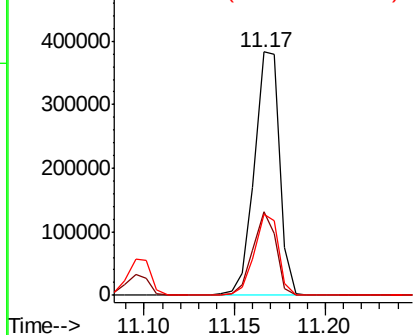
#67
Hexachlorobenzene
Concen: 47.938 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.6	34.6	52.0#
249	33.3	24.8	37.2

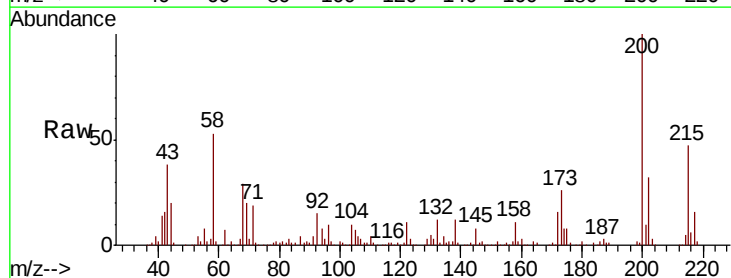


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

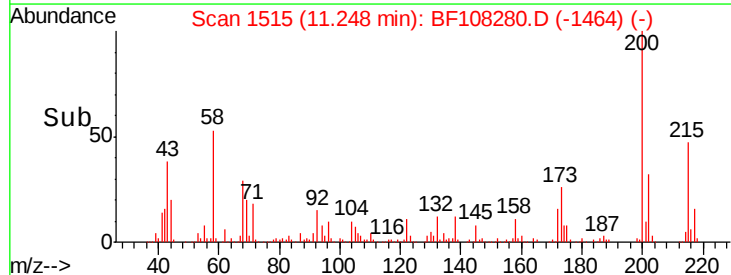
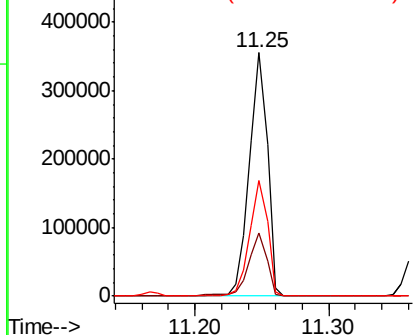


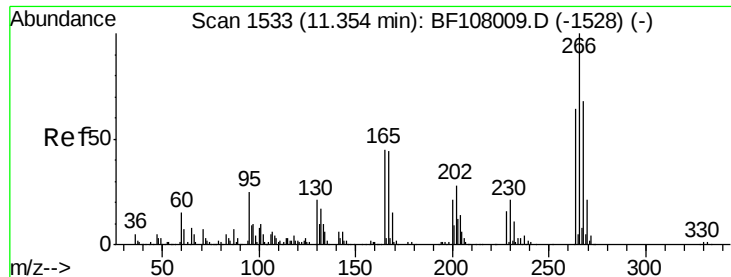
#68
Atrazine
Concen: 48.752 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.6	48.6
215	47.4	25.1	65.1



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

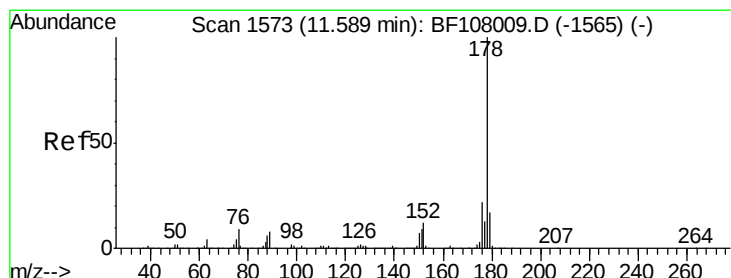
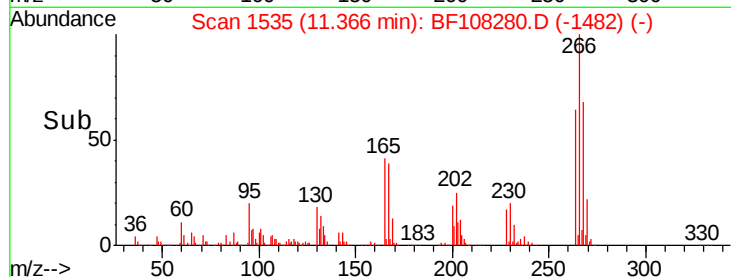
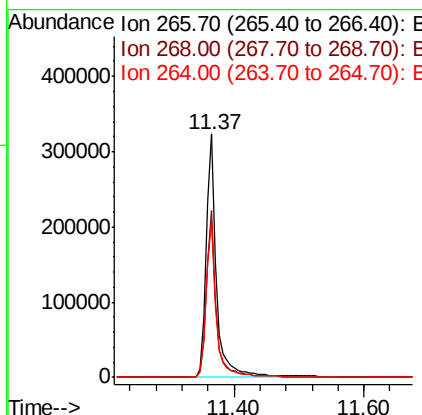
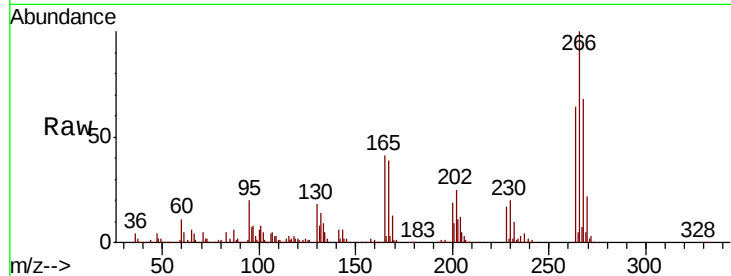




#69
 Pentachlorophenol
 Concen: 96.463 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

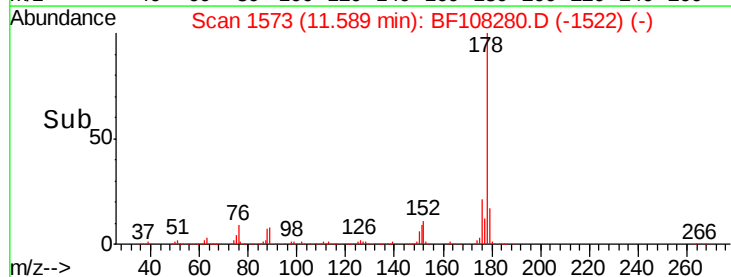
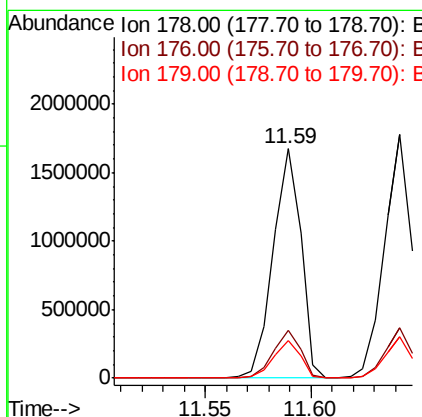
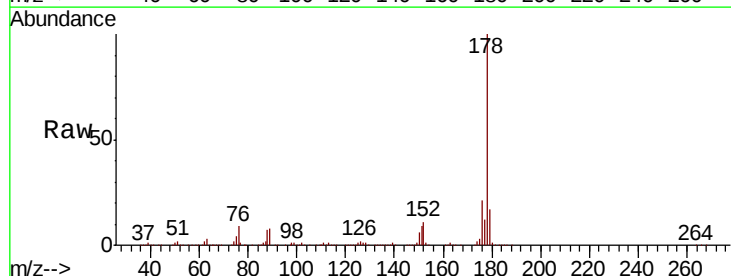
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

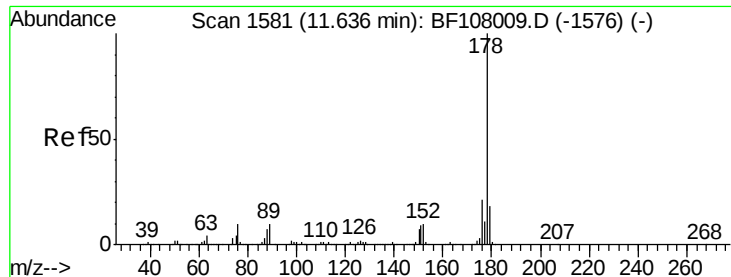
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	51.1	76.7
264	64.0	49.5	74.3



#70
 Phenanthrene
 Concen: 48.025 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.6	13.0	19.6

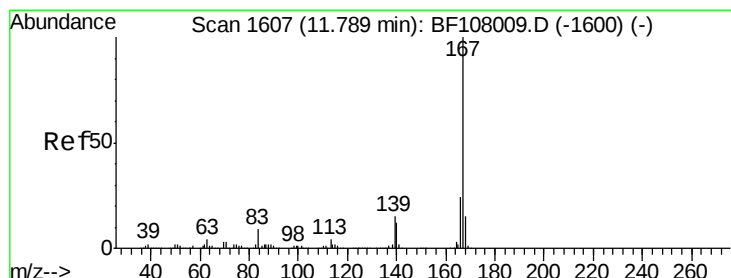
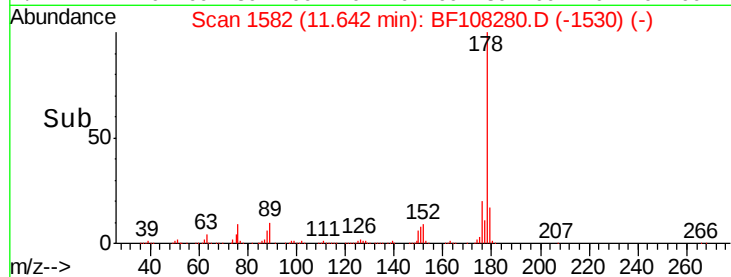
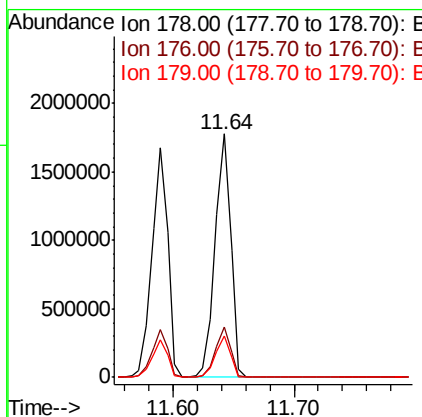
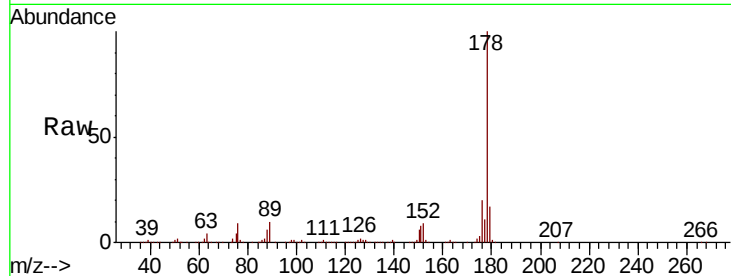




#71
 Anthracene
 Concen: 47.892 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

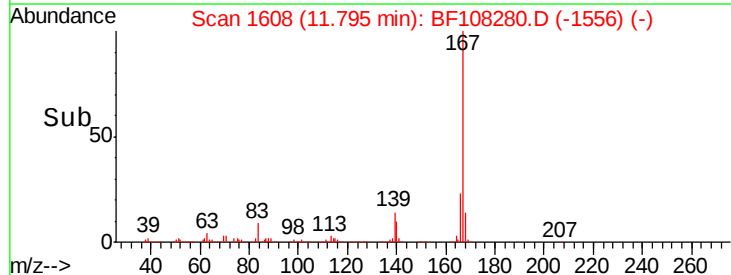
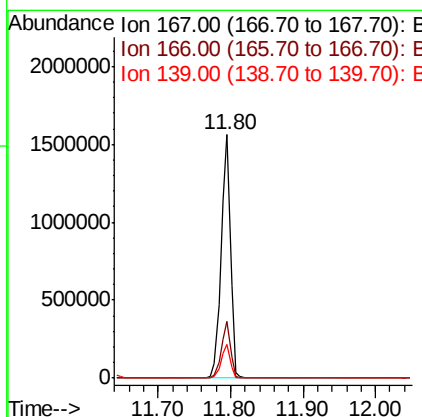
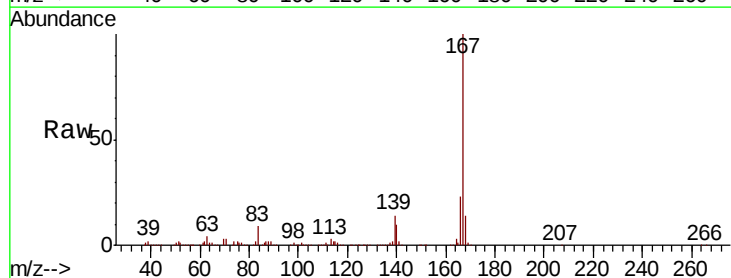
Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion:178 Resp: 1574920
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.8 12.6 19.0



#72
 Carbazole
 Concen: 47.605 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:167 Resp: 1390887
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.385 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

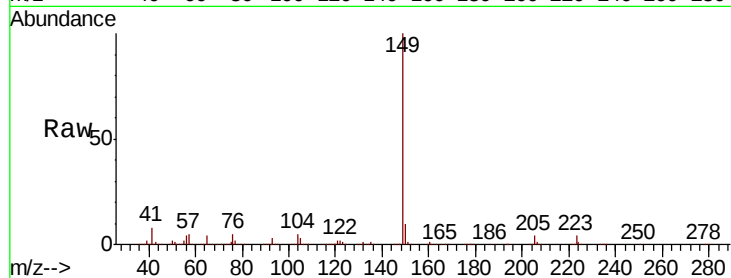
Tot Ion:149 Resp: 1634343

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

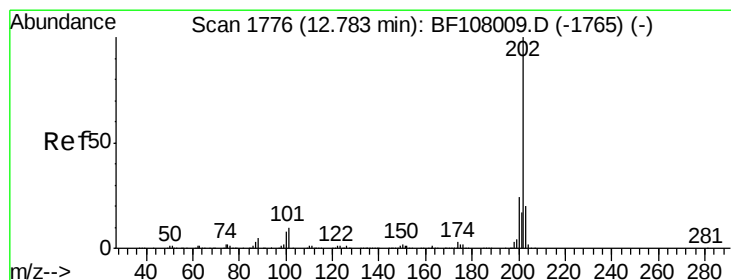
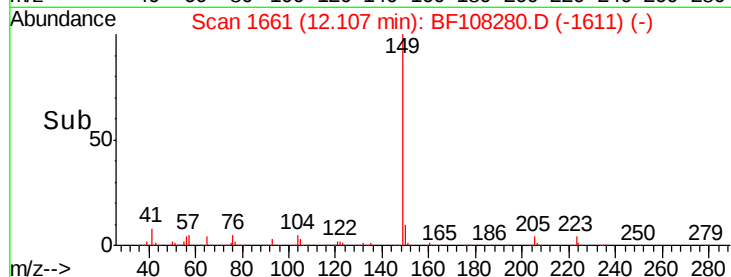
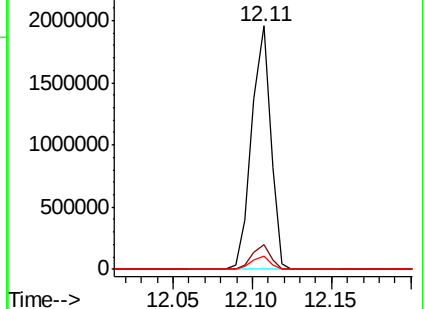
104 5.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.303 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

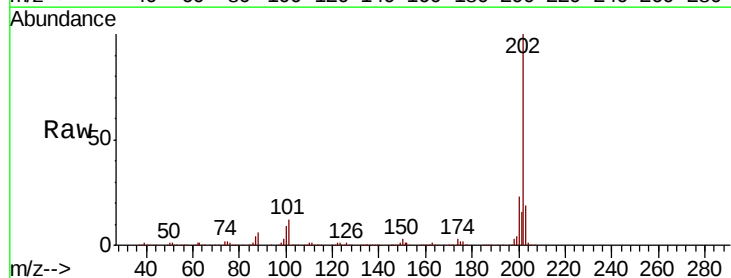
Tgt Ion:202 Resp: 1656404

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

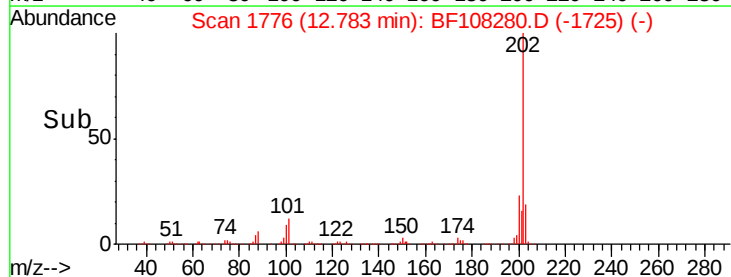
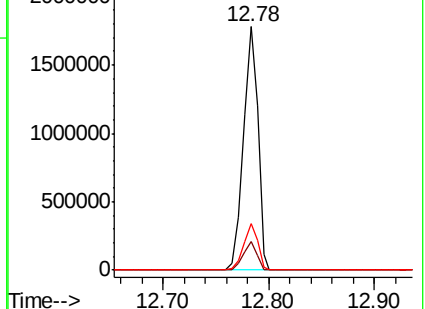
203 19.1 0.0 38.1

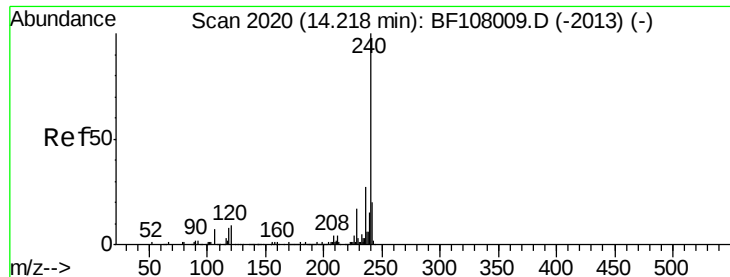


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

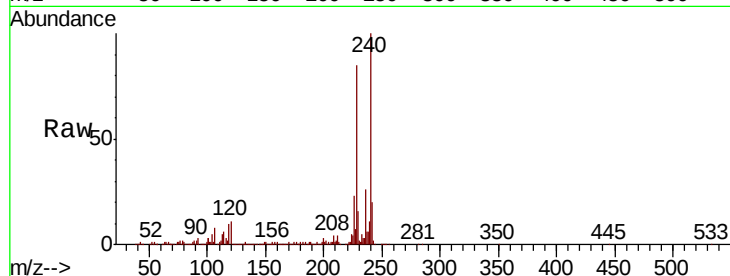
Tot Ion:240 Resp: 512778

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

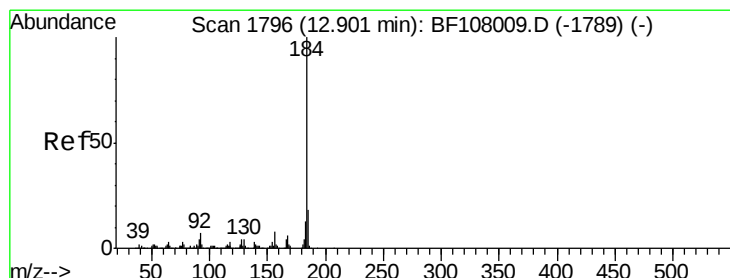
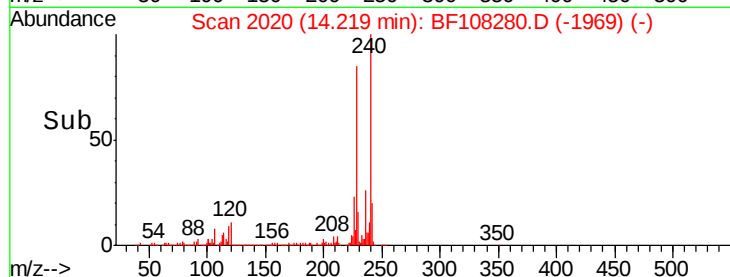
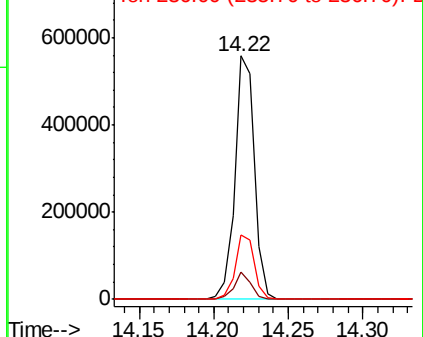
236 26.3 20.7 31.1



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: 41.427 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

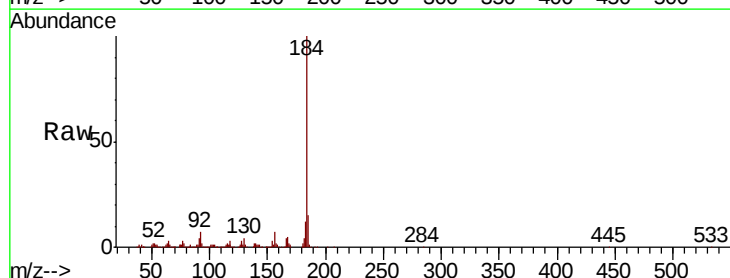
Tgt Ion:184 Resp: 793682

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

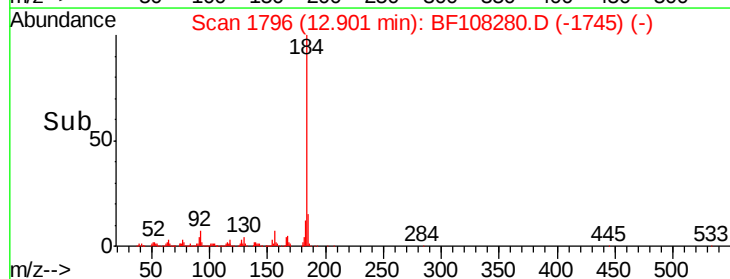
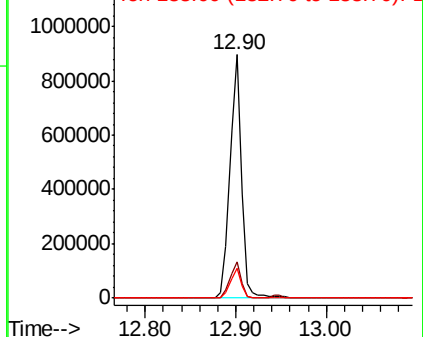
183 12.1 9.3 13.9

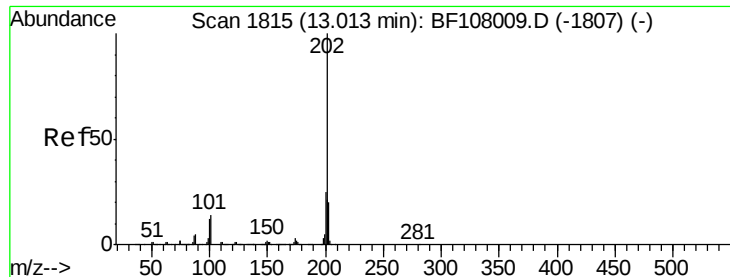


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.832 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

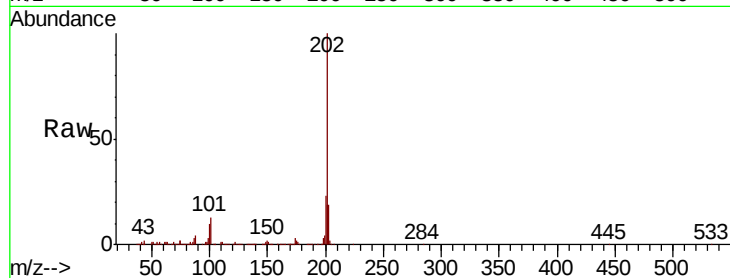
Tot Ion:202 Resp: 1650231

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

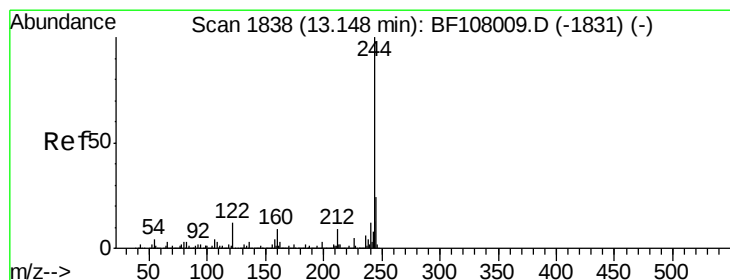
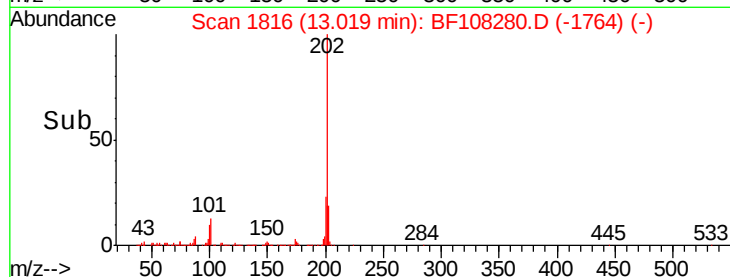
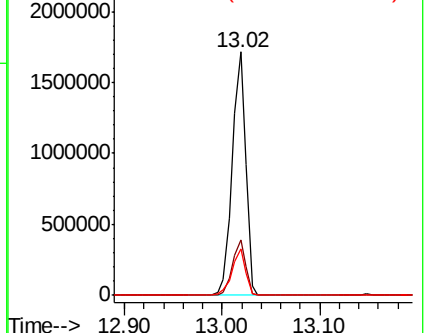
203 19.2 14.3 21.5



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: 113.167 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

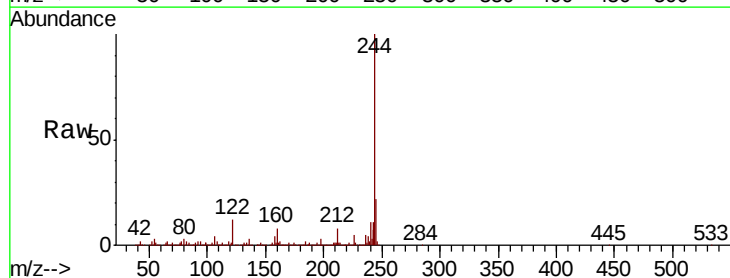
Tgt Ion:244 Resp: 2282320

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

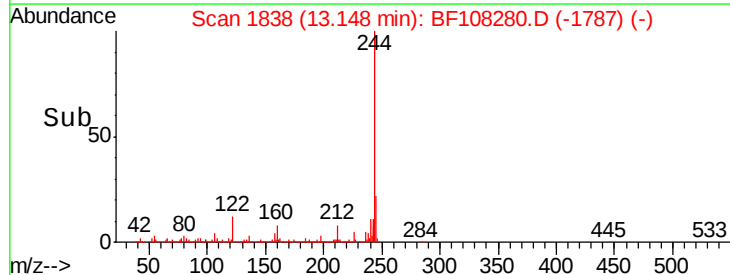
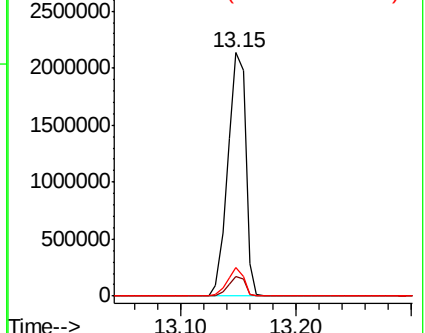
122 11.8 11.0 16.4

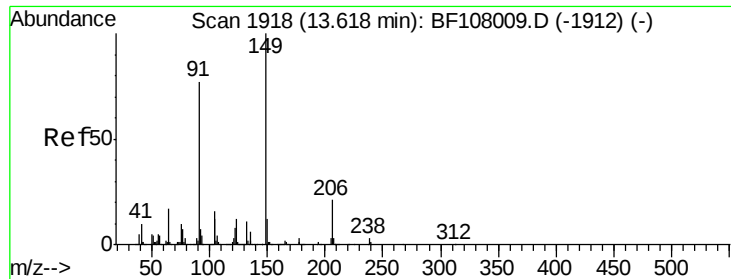


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

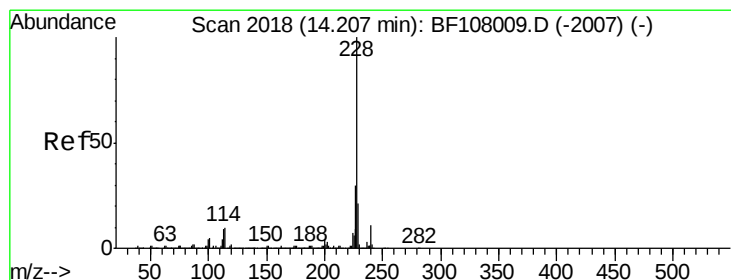
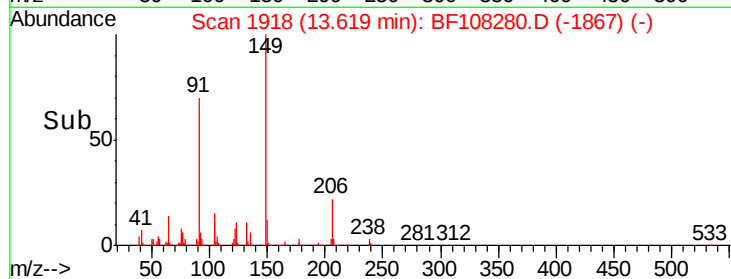
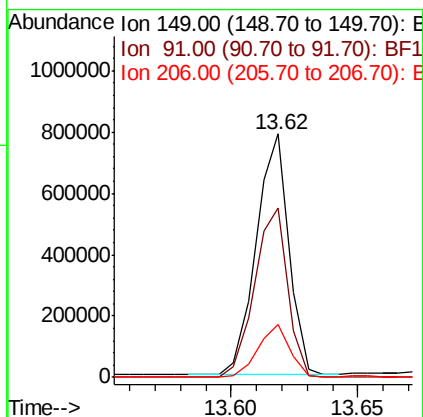
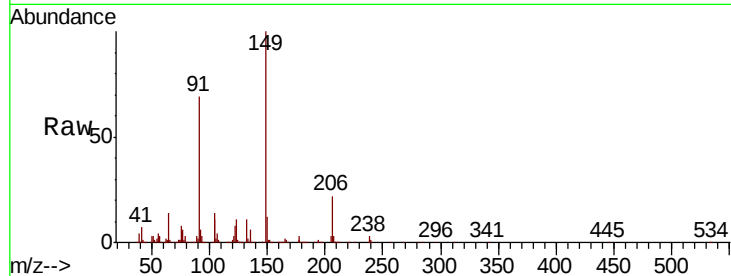




#79
Butylbenzylphthalate
Concen: 54.585 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

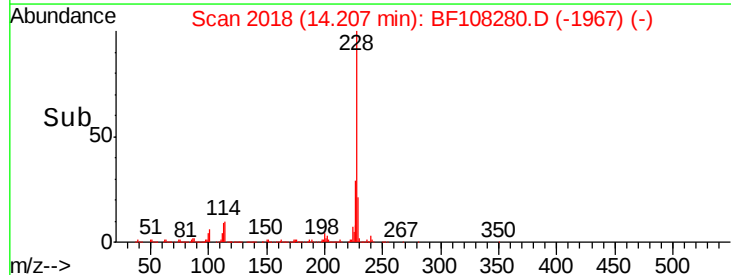
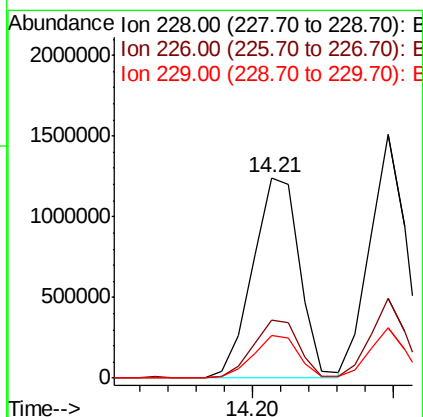
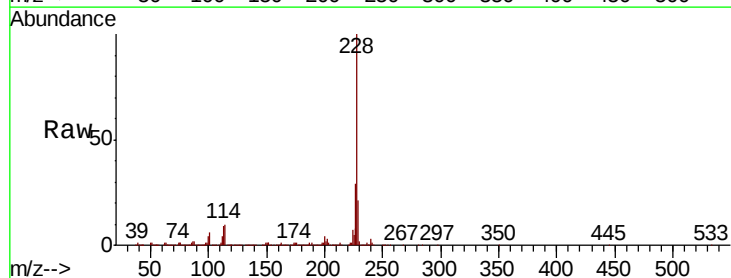
Instrument :
BNA_F
ClientSampleId :
PB112114BS

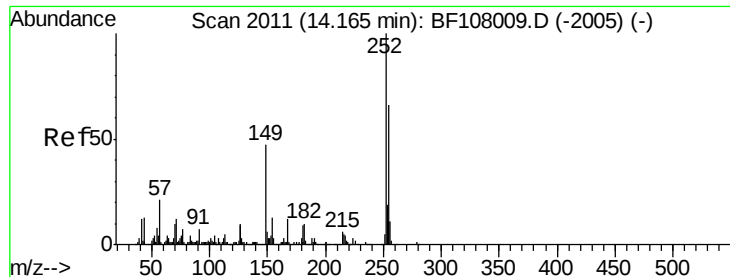
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.8	85.2
206	21.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.812 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.0	15.8	23.6

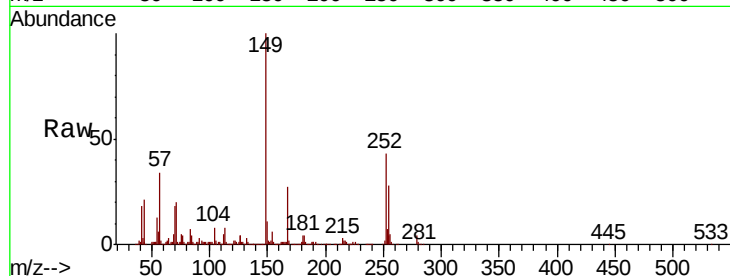




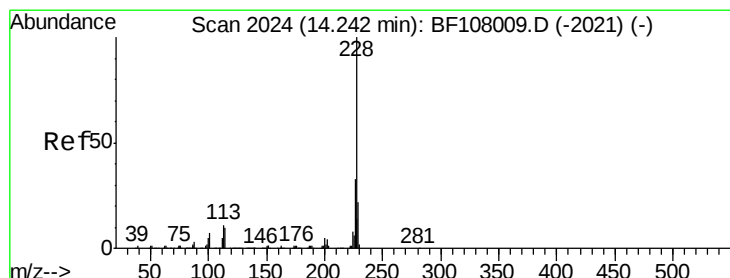
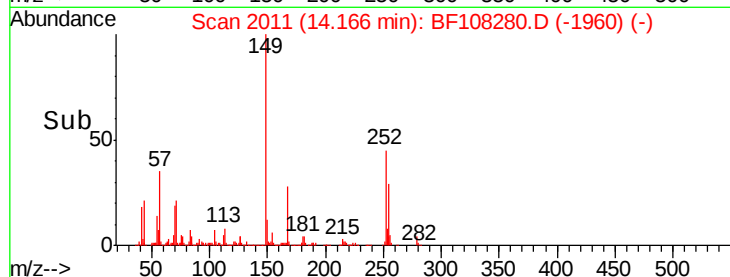
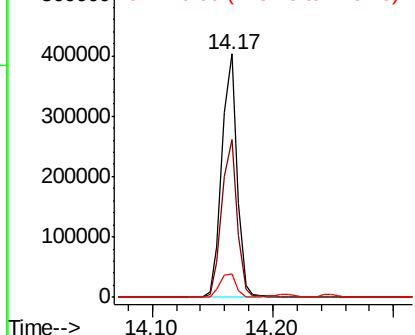
#81
 3,3'-Dichlorobenzidine
 Concen: 33.315 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion:252 Resp: 351350
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 9.5 11.3 16.9#

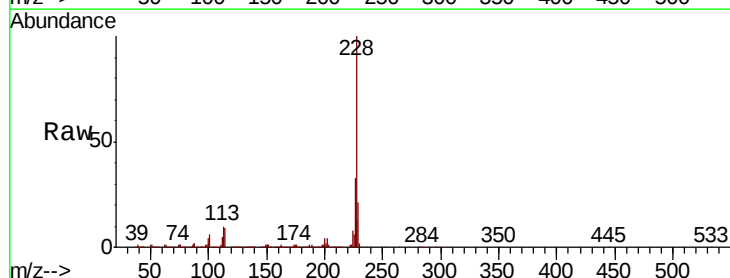


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

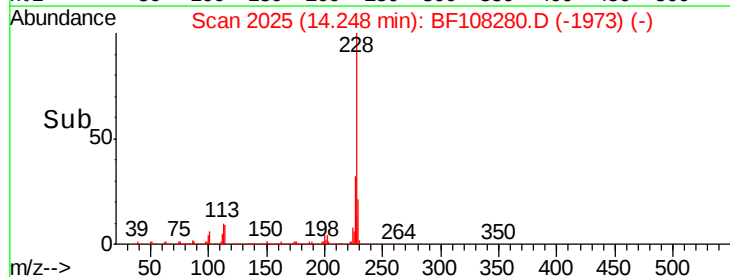
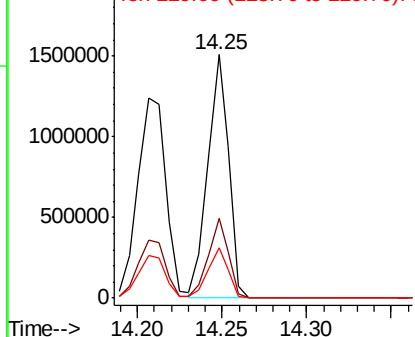


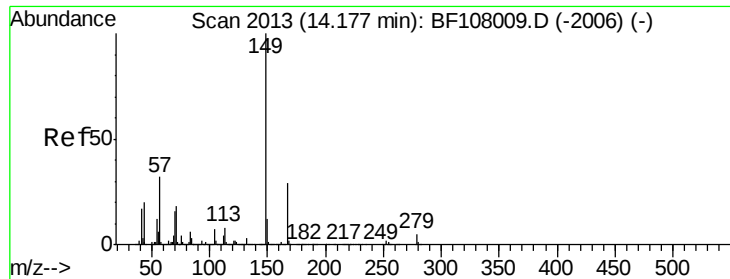
#82
 Chrysene
 Concen: 48.496 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:228 Resp: 1308406
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.0 37.6
 229 20.9 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: 50.584 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

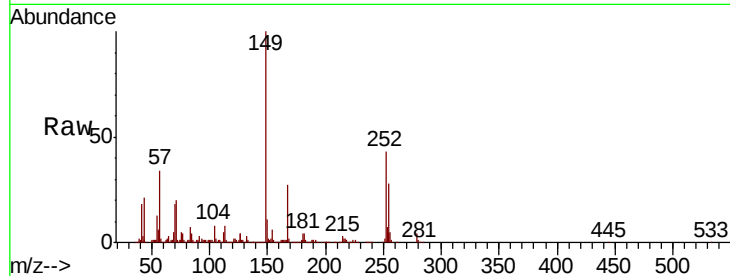
Tot Ion:149 Resp: 883030

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

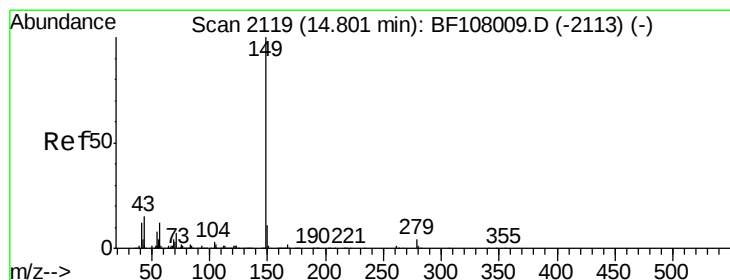
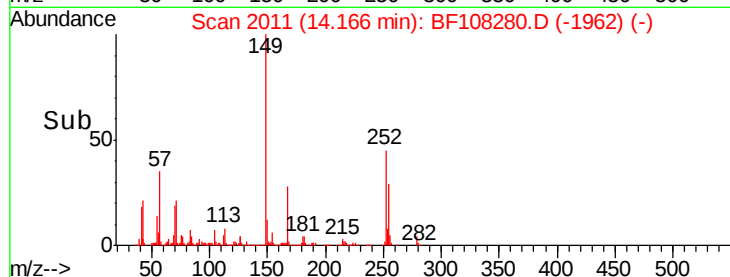
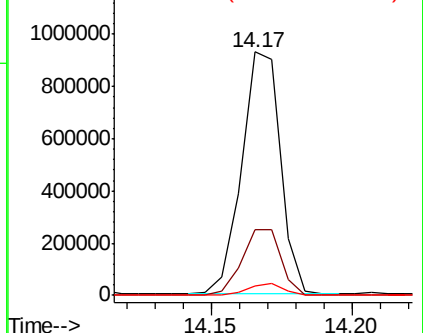
279 3.8 3.0 4.4



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: 51.642 ng

RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

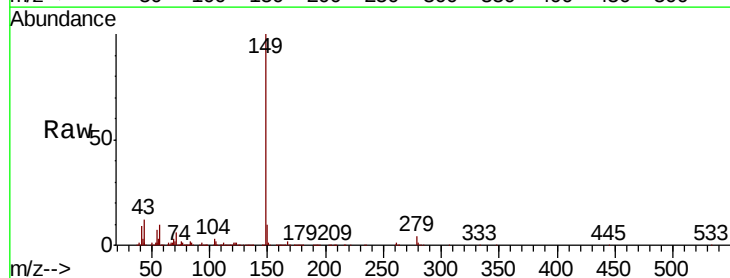
Tgt Ion:149 Resp: 1374879

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

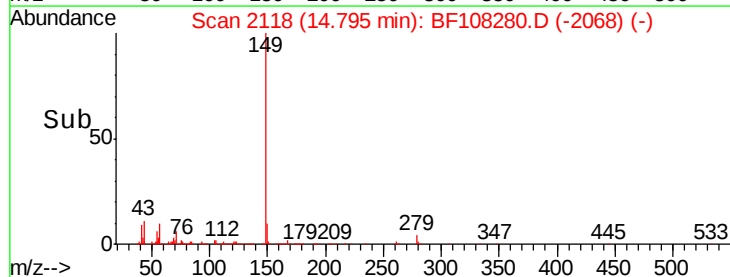
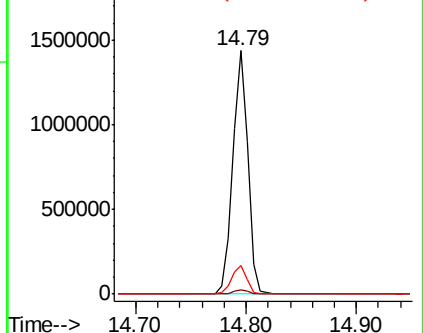
43 11.6 8.4 12.6

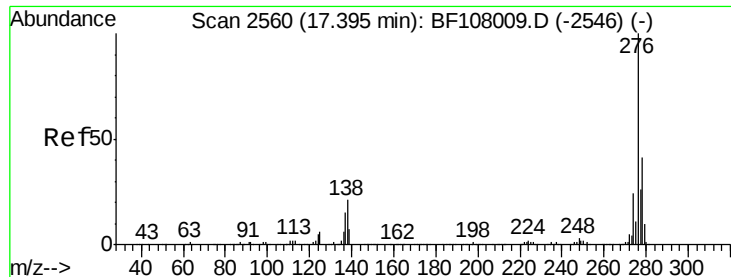


Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.454 ng

RT: 17.41 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

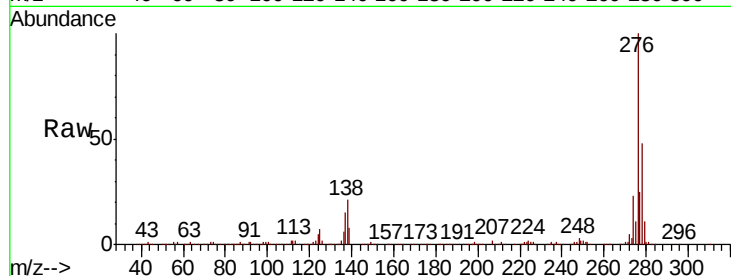
Tot Ion:276 Resp: 992424

Ion Ratio Lower Upper

276 100

138 22.3 25.0 37.6#

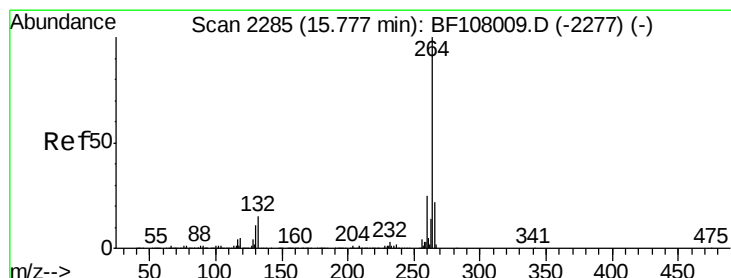
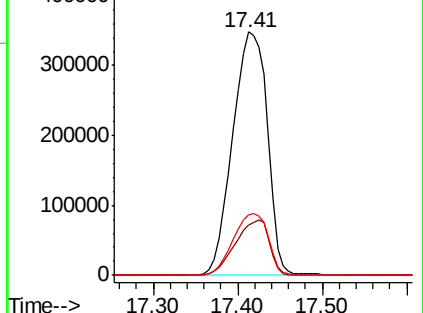
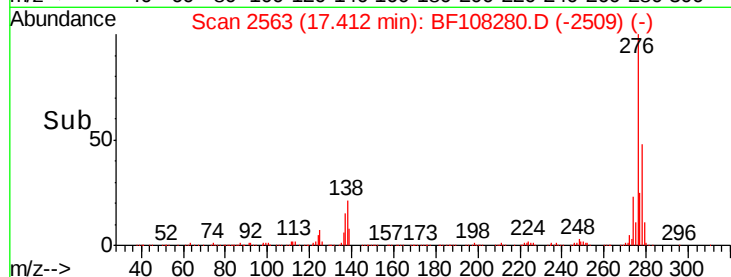
277 25.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

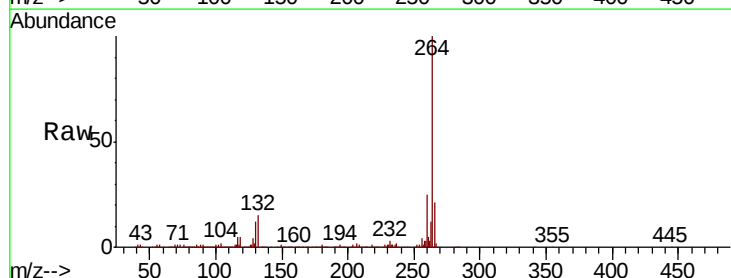
Tgt Ion:264 Resp: 367667

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

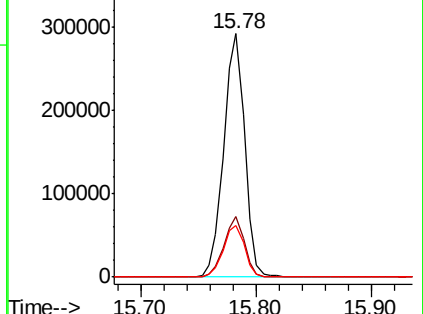
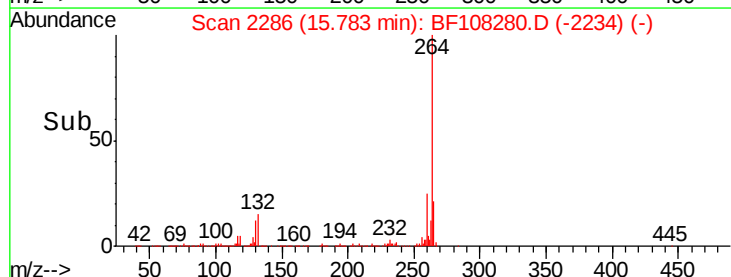
265 21.1 17.5 26.3

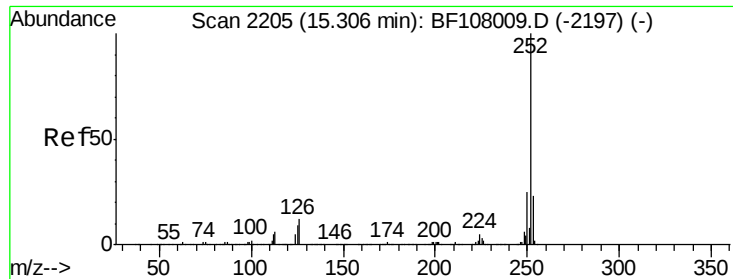


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

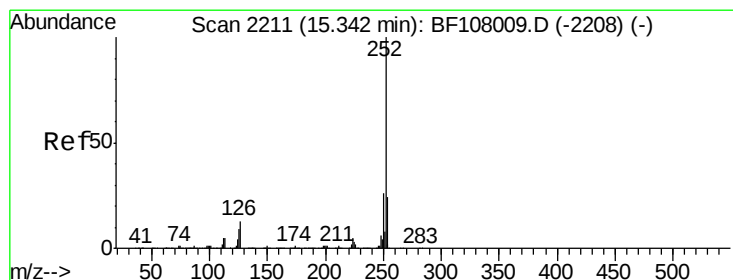
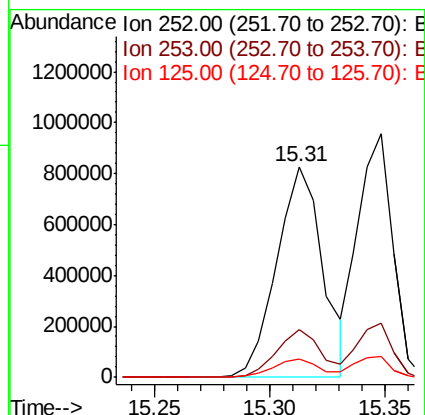
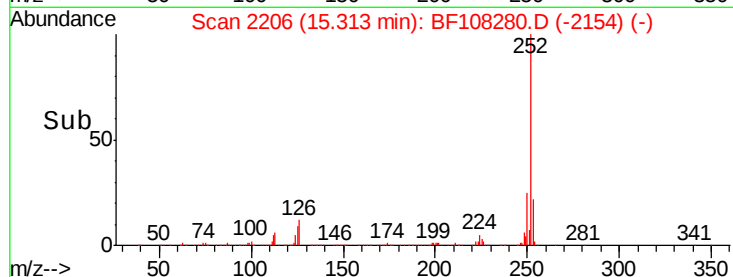
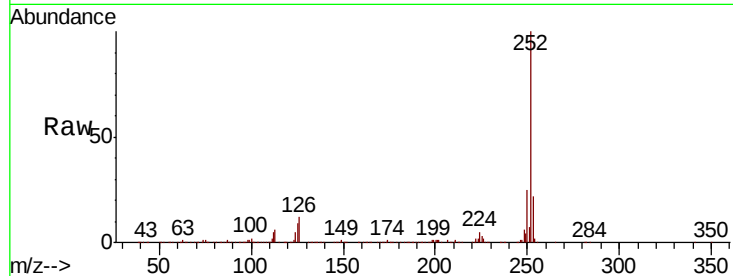




#87
Benzo(b)fluoranthene
Concen: 52.140 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

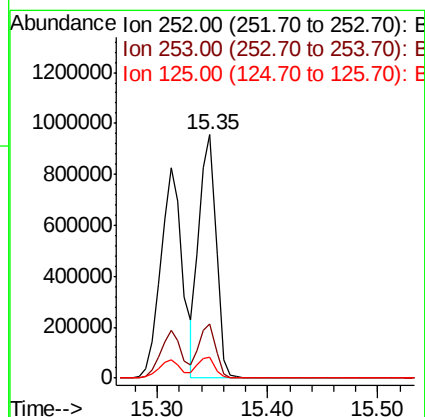
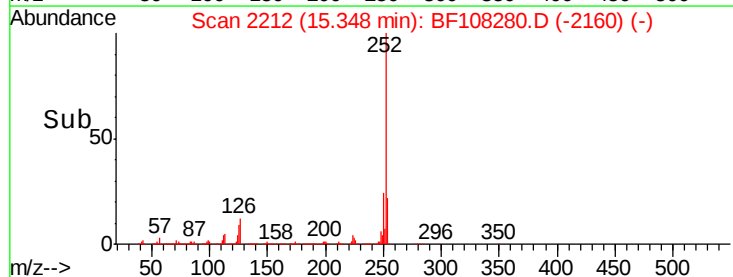
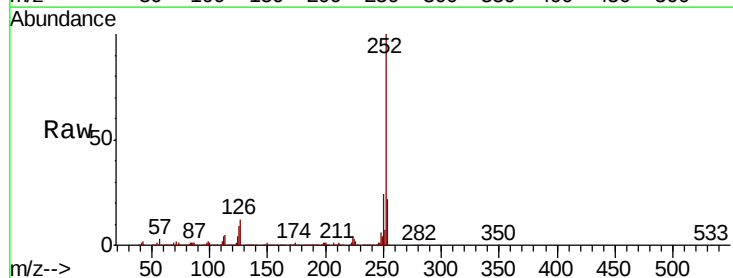
Instrument :
BNA_F
ClientSampleId :
PB112114BS

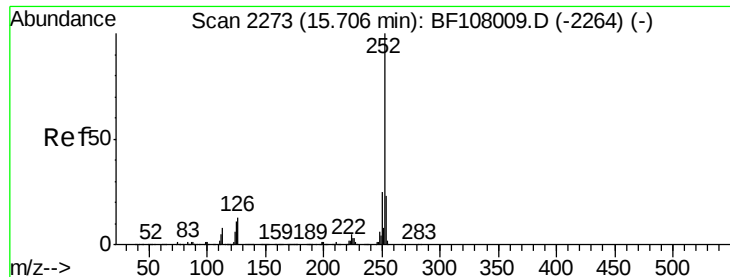
Tot Ion:252 Resp: 1145506
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 49.851 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion:252 Resp: 1006757
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 49.947 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

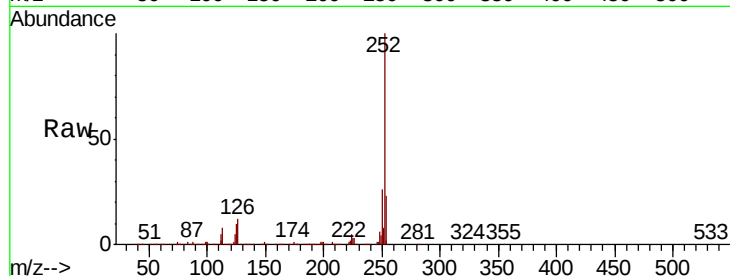
Tot Ion:252 Resp: 982612

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

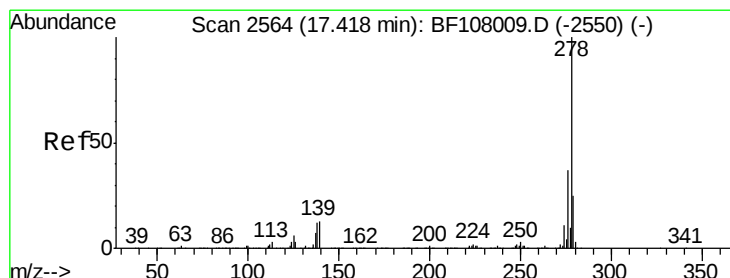
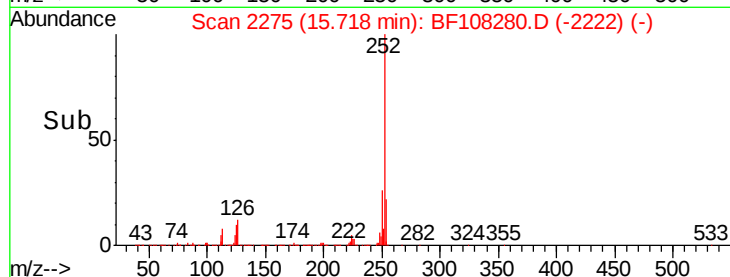
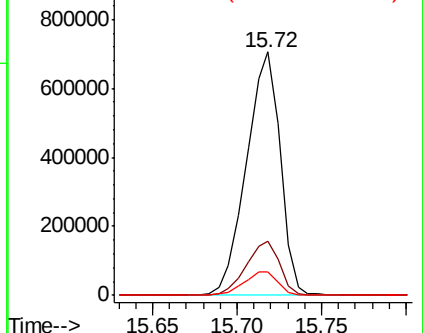
125 9.8 9.8 14.6



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: 50.954 ng

RT: 17.43 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

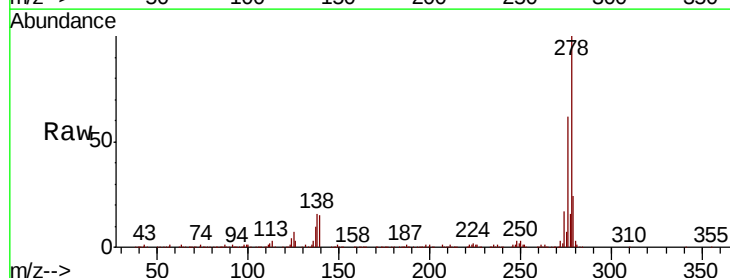
Tgt Ion:278 Resp: 829406

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

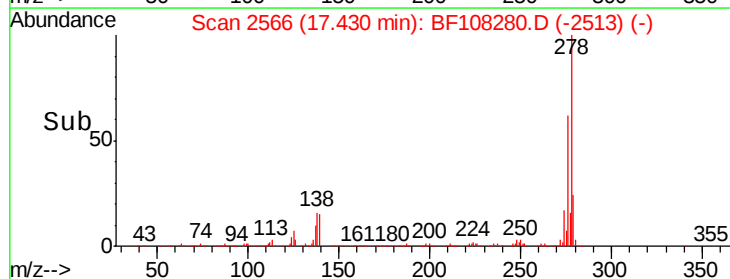
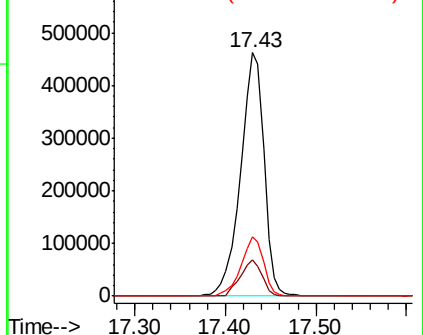
279 24.3 19.0 28.4

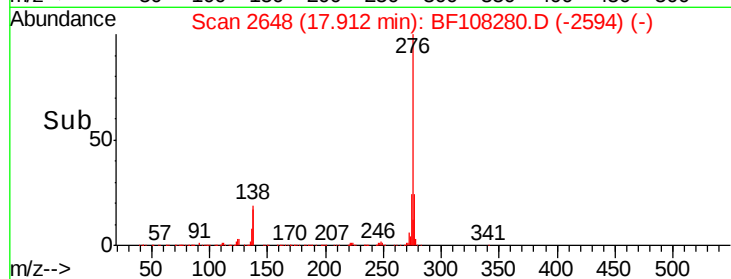
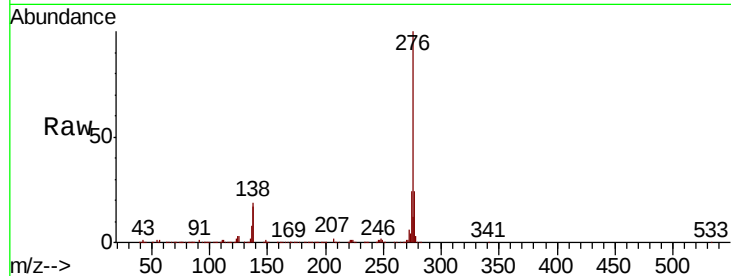
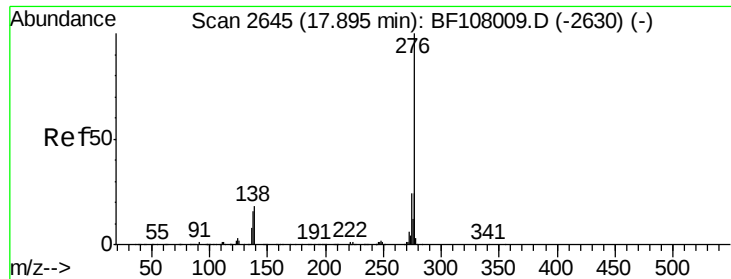


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.519 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion:276 Resp: 841796

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 19.2 21.8 32.8#

