

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108032.D
 Acq On : 8 Aug 2018 21:03
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 1 PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:41:57 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	7.01	152	268674	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1078819	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	583705	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1217753	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1091014	20.00	ng	-0.01
86) Perylene-d12	15.77	264	928216	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1887941	127.22	ng	0.00
7) Phenol-d6	6.63	99	2544997	129.05	ng	0.00
23) Nitrobenzene-d5	7.58	82	1682685	87.04	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	808745	138.90	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	3024600	83.19	ng	0.00
78) Terphenyl-d14	13.15	244	3696269	86.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	6930	0.909	ng	# 71
3) Pyridine	3.77	79	17041	0.868	ng	# 23
4) n-Nitrosodimethylamine	3.64	42	9899	0.896	ng	# 63
6) Aniline	6.68	93	16353	0.610	ng	95
8) 2-Chlorophenol	6.80	128	18010	1.078	ng	89
9) Benzaldehyde	6.57	77	15040	0.984	ng	95
10) Phenol	6.64	94	20754	1.017	ng	# 31
11) bis(2-Chloroethyl)ether	6.74	93	17305	1.049	ng	92
12) 1,3-Dichlorobenzene	6.95	146	21014	1.087	ng	98
13) 1,4-Dichlorobenzene	7.03	146	21357	1.100	ng	96
14) 1,2-Dichlorobenzene	7.18	146	19172	1.062	ng	94
15) Benzyl Alcohol	7.14	79	7568	0.456	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	35962	1.059	ng	95
17) 2-Methylphenol	7.24	107	15186	1.059	ng	97
18) Hexachloroethane	7.52	117	6797	0.983	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	14055	1.054	ng	# 89
20) 3+4-Methylphenols	7.40	107	18655	1.016	ng	90
22) Acetophenone	7.41	105	27386	1.086	ng	# 90
24) Nitrobenzene	7.59	77	25548	1.307	ng	94
25) Isophorone	7.58	82	1681724	45.637	ng	# 64
26) 2-Nitrophenol	7.91	139	5269	0.714	ng	# 93
27) 2,4-Dimethylphenol	7.93	122	16840	1.030	ng	93
28) bis(2-Chloroethoxy)methane	8.03	93	22536	1.048	ng	98
29) 2,4-Dichlorophenol	8.14	162	12649	0.840	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	18091	1.090	ng	98
31) Naphthalene	8.32	128	57364	1.169	ng	99
32) Benzoic acid	7.93	122	16840	7.528	ng	# 15
33) 4-Chloroaniline	8.36	127	13829	0.647	ng	# 94
34) Hexachlorobutadiene	8.43	225	11275	1.073	ng	95
35) Caprolactam	8.67	113	3779	0.801	ng	# 53
36) 4-Chloro-3-methylphenol	8.82	107	14596	0.899	ng	95
37) 2-Methylnaphthalene	9.01	142	38687	1.115	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	19662	1.097	ng	98
40) Hexachlorocyclopentadiene	9.16	237	9698	0.838	ng	98

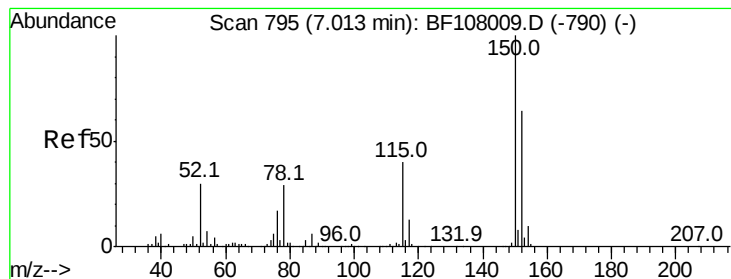
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108032.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	8191	0.736	ng	96
43) 2,4,5-Trichlorophenol	9.31	196	10945	0.894	ng	# 91
45) 1,1'-Biphenyl	9.47	154	53429	1.241	ng	97
46) 2-Chloronaphthalene	9.50	162	38179	1.122	ng	94
47) 2-Nitroaniline	9.59	65	9021	0.820	ng	88
48) Acenaphthylene	9.92	152	60438	1.124	ng	98
49) Dimethylphthalate	9.76	163	44348	1.091	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	6883	0.809	ng	99
51) Acenaphthene	10.09	154	36189	1.099	ng	99
52) 3-Nitroaniline	10.00	138	6830	0.734	ng	# 78
53) 2,4-Dinitrophenol	10.10	184	598	7.192	ng	# 1
54) Dibenzofuran	10.26	168	54175	1.135	ng	97
55) 4-Nitrophenol	10.14	139	3855	0.547	ng	# 82
56) 2,4-Dinitrotoluene	10.23	165	7657	0.699	ng	# 85
57) Fluorene	10.61	166	44512	1.178	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	7418	0.725	ng	# 87
59) Diethylphthalate	10.47	149	42841	1.088	ng	98
60) 4-Chlorophenyl-phenylether	10.60	204	24081	1.223	ng	# 87
61) 4-Nitroaniline	10.61	138	6669	0.725	ng	# 73
62) Azobenzene	10.76	77	43514	1.070	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	1667	5.683	ng	# 62
65) n-Nitrosodiphenylamine	10.71	169	36261	1.008	ng	95
66) 4-Bromophenyl-phenylether	11.09	248	13951	1.054	ng	92
67) Hexachlorobenzene	11.15	284	15083	1.083	ng	# 89
68) Atrazine	11.23	200	11492	0.952	ng	93
69) Pentachlorophenol	11.35	266	2954	0.443	ng	94
70) Phenanthrene	11.58	178	69932	1.218	ng	97
71) Anthracene	11.63	178	68494	1.164	ng	96
72) Carbazole	11.78	167	55426	1.060	ng	98
73) Di-n-butylphthalate	12.10	149	60923	1.028	ng	98
74) Fluoranthene	12.77	202	71142	1.135	ng	95
76) Benzidine	12.89	184	8134	0.200	ng	95
77) Pyrene	13.00	202	74241	1.075	ng	98
79) Butylbenzylphthalate	13.61	149	19232	0.701	ng	# 95
80) Benzo(a)anthracene	14.19	228	68929	1.101	ng	95
81) 3,3'-Dichlorobenzidine	14.15	252	10770	0.480	ng	# 92
82) Chrysene	14.23	228	63051	1.098	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	30097	0.810	ng	99
84) Di-n-octyl phthalate	14.79	149	38377	0.677	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.37	276	39991	0.804	ng	# 92
87) Benzo(b)fluoranthene	15.29	252	53577	0.966	ng	97
88) Benzo(k)fluoranthene	15.32	252	52914	1.038	ng	# 91
89) Benzo(a)pyrene	15.69	252	45835	0.923	ng	# 93
90) Dibenzo(a,h)anthracene	17.39	278	32299	0.786	ng	97
91) Benzo(g,h,i)perylene	17.85	276	32176	0.795	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.01 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

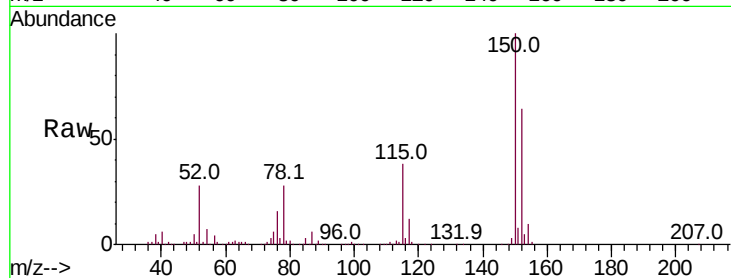
Tot Ion:152 Resp: 268674

Ion Ratio Lower Upper

152 100

150 157.2 124.6 186.8

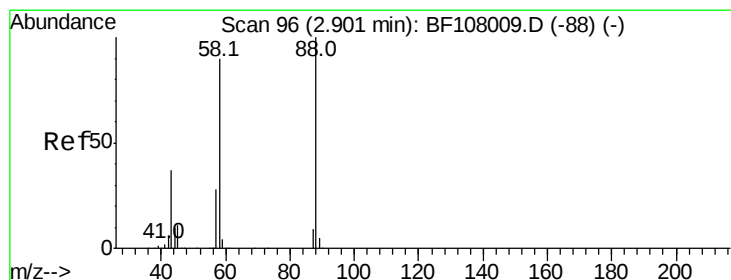
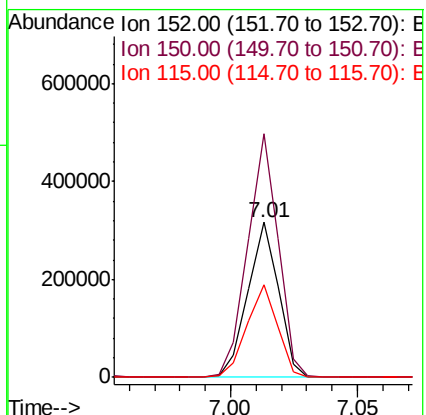
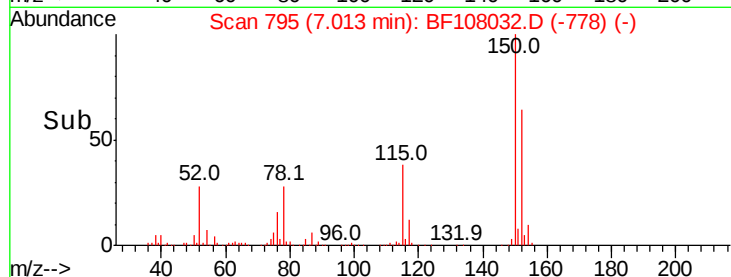
115 60.0 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.909 ng

RT: 2.92 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

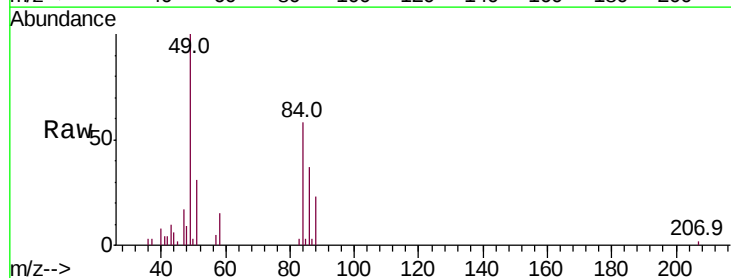
Tgt Ion: 88 Resp: 6930

Ion Ratio Lower Upper

88 100

58 102.6 62.6 93.8#

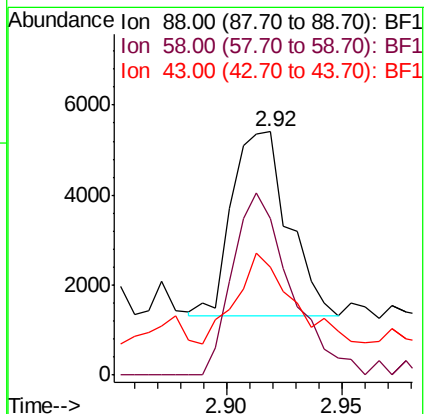
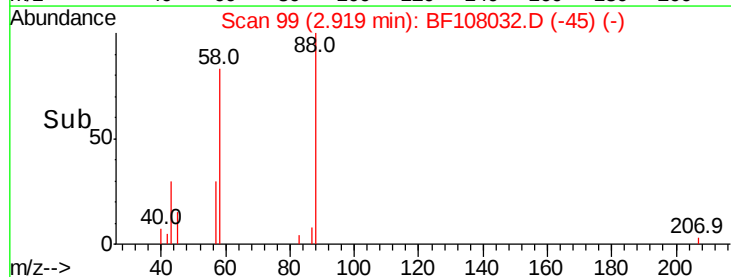
43 48.2 24.6 37.0#

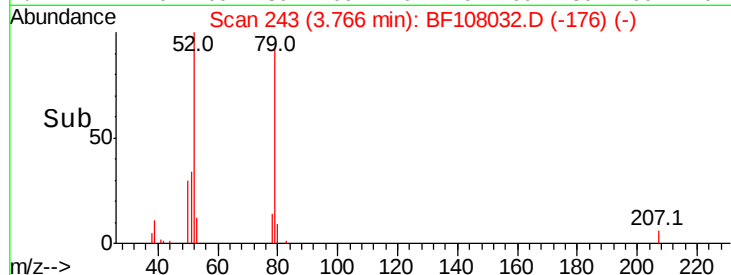
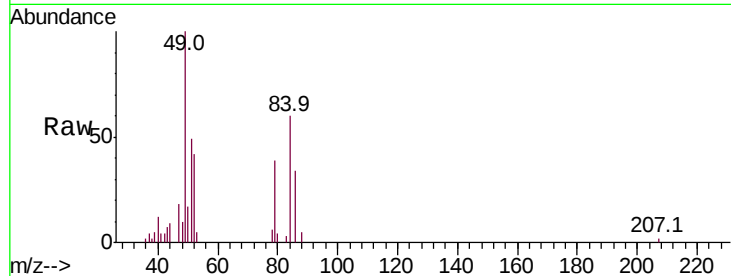
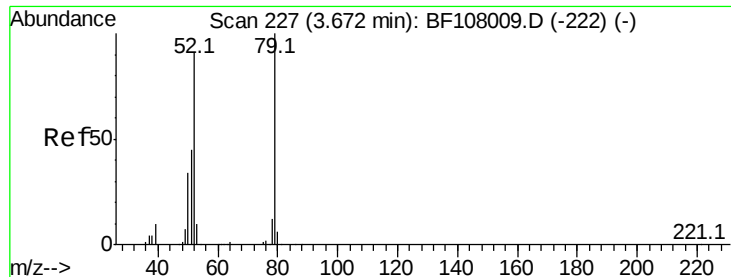


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

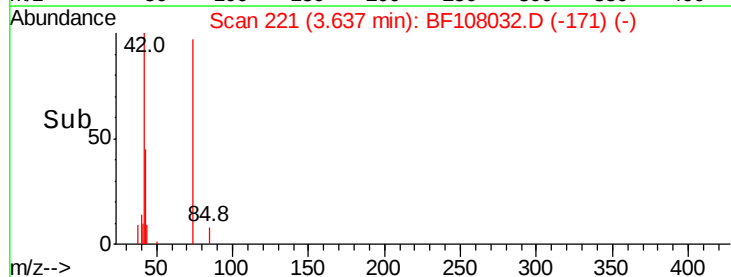
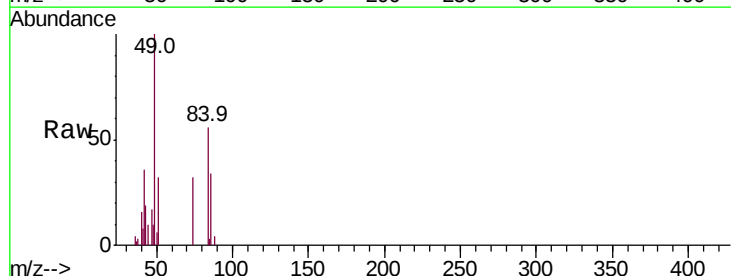
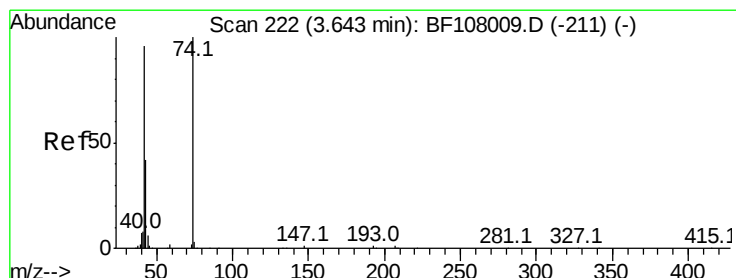
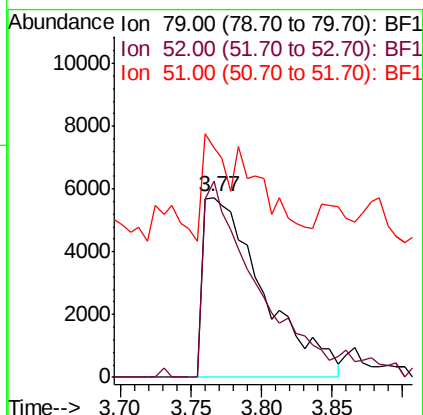




#3
 Pvridine
 Concen: 0.868 ng
 RT: 3.77 min Scan# 243
 Delta R.T. 0.09 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

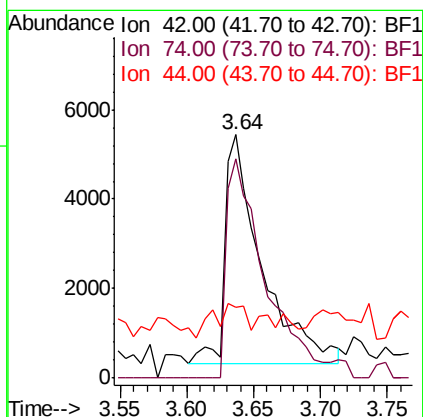
Instrument :
 BNA_F
 ClientSampleId :

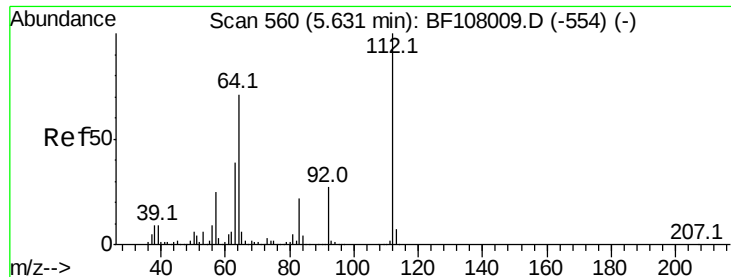
Tot Ion: 79 Resp: 17041
 Ion Ratio Lower Upper
 79 100
 52 108.9 59.8 89.6#
 51 127.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 0.896 ng
 RT: 3.64 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion: 42 Resp: 9899
 Ion Ratio Lower Upper
 42 100
 74 89.9 104.9 157.3#
 44 29.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 127.219 ng

RT: 5.63 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

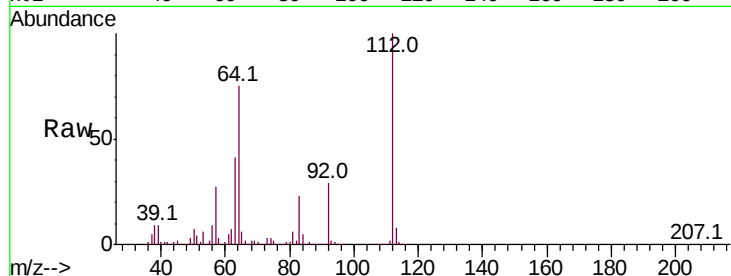
Tot Ion:112 Resp: 1887941

Ion Ratio Lower Upper

112 100

64 75.1 47.9 71.9#

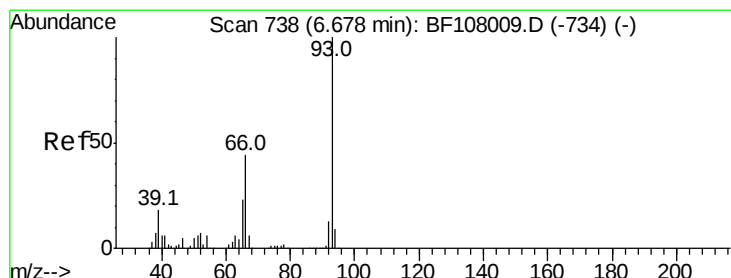
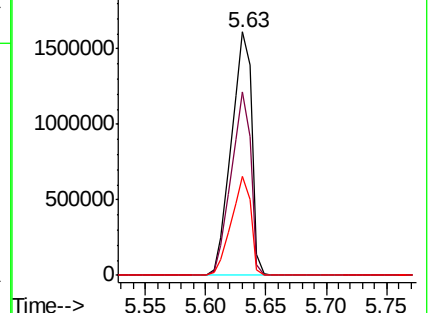
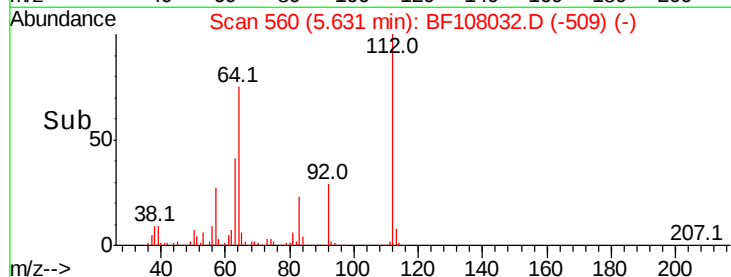
63 40.9 23.7 35.5#



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: 0.610 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

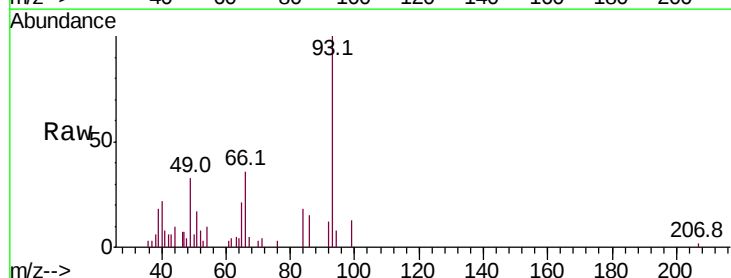
Tgt Ion: 93 Resp: 16353

Ion Ratio Lower Upper

93 100

66 36.4 32.2 48.2

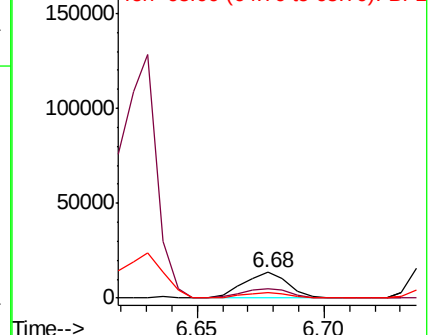
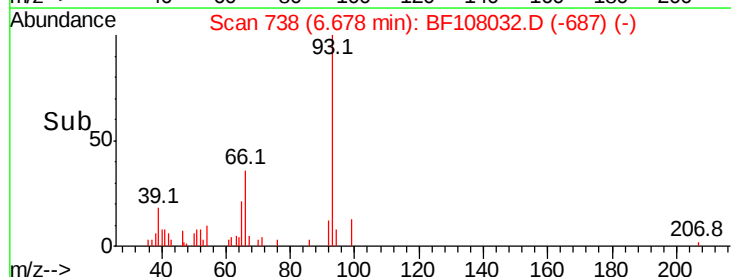
65 21.4 16.4 24.6

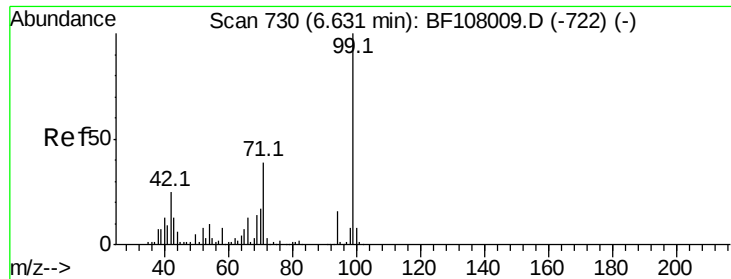


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.053 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

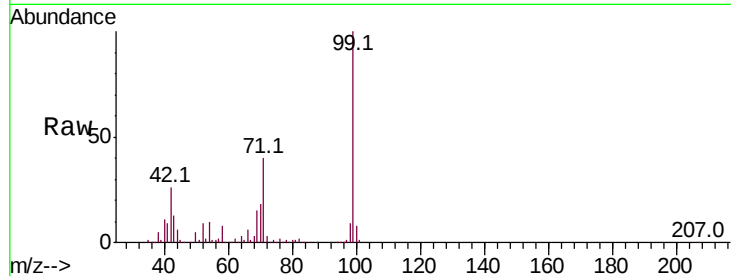
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2544997

Ion	Ratio	Lower	Upper
99	100		
42	25.8	14.5	21.7#
71	39.8	25.4	38.0#

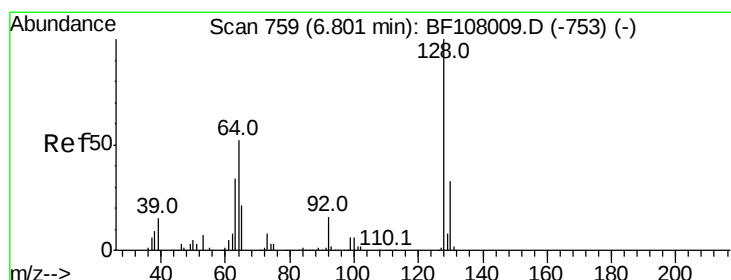
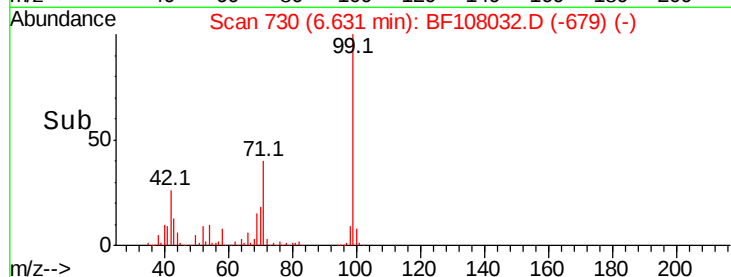
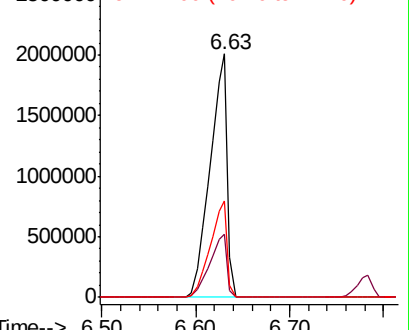


Abundance

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: 1.078 ng

RT: 6.80 min Scan# 758

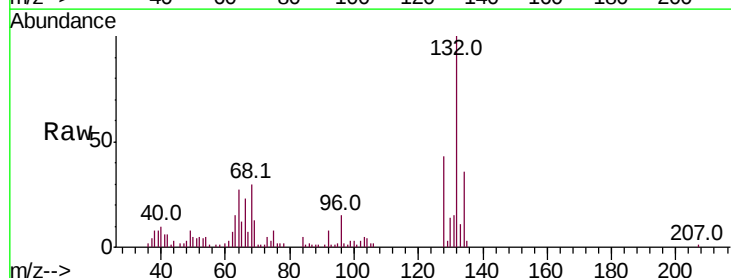
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion: 128 Resp: 18010

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	62.0	29.4	69.4

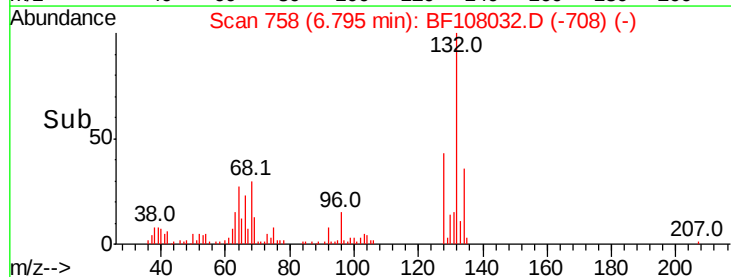
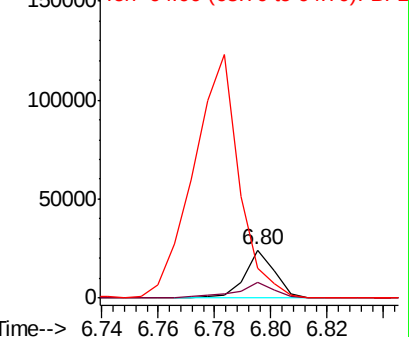


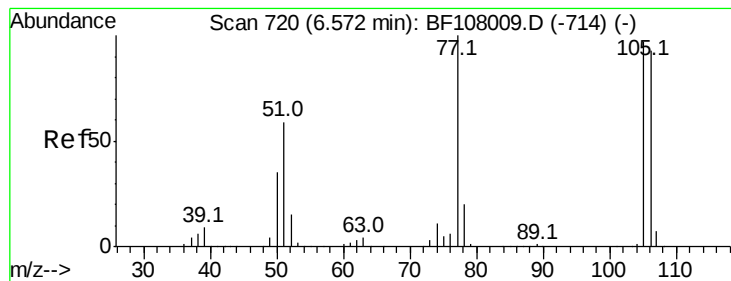
Abundance

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: 0.984 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

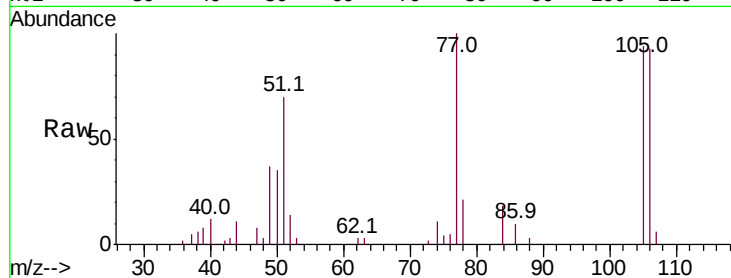
Tot Ion: 77 Resp: 15040

Ion Ratio Lower Upper

77 100

105 93.6 81.1 121.1

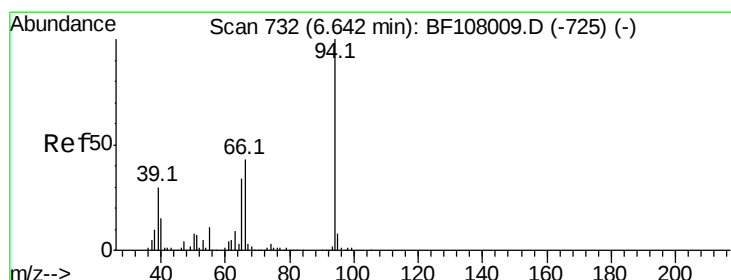
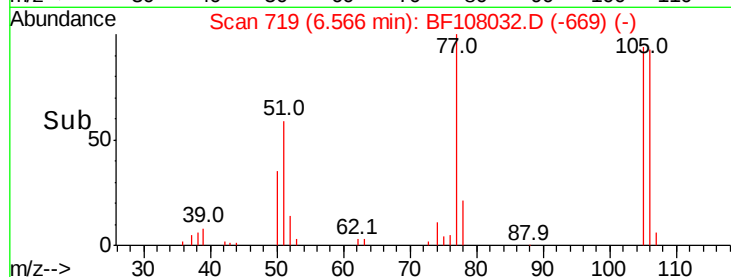
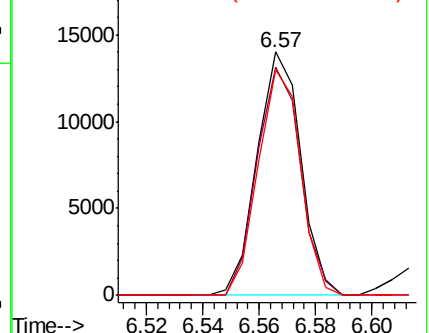
106 92.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.017 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

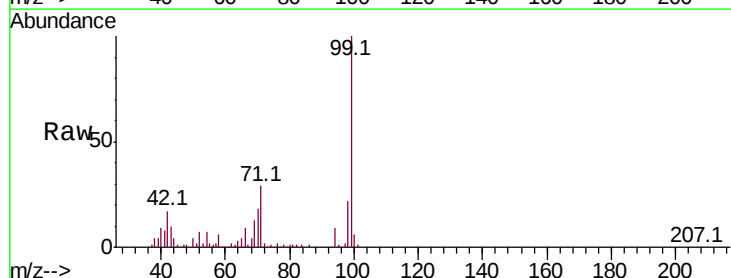
Tgt Ion: 94 Resp: 20754

Ion Ratio Lower Upper

94 100

65 43.3 7.9 47.9

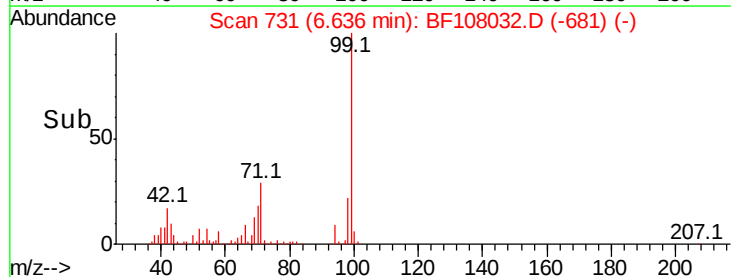
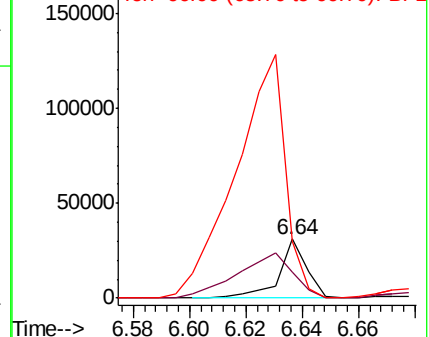
66 95.3 16.2 56.2#

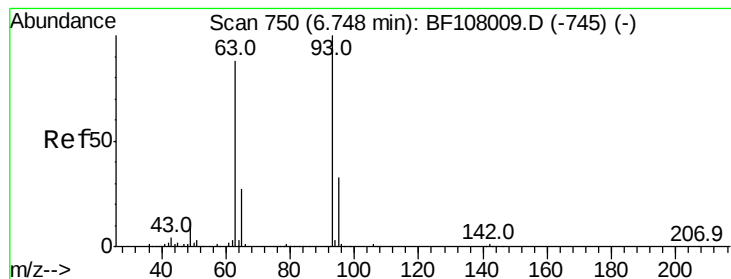


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 1.049 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

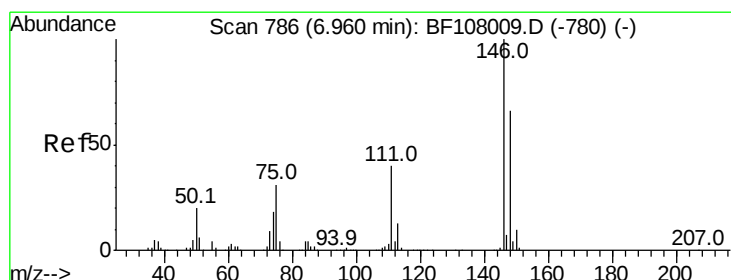
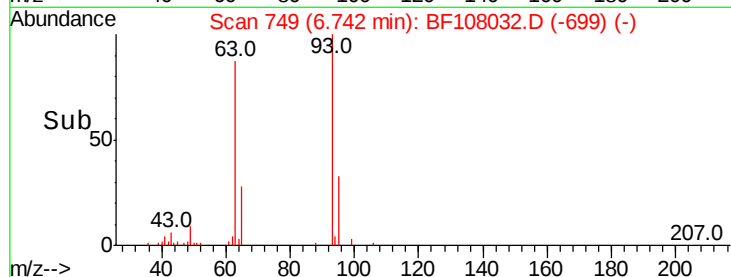
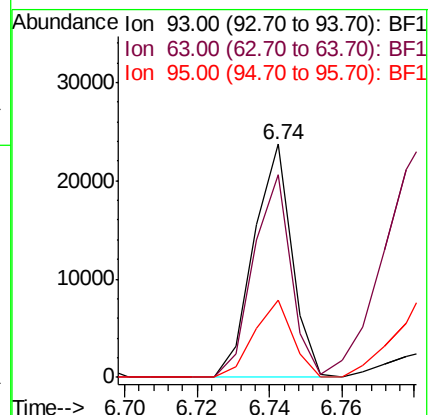
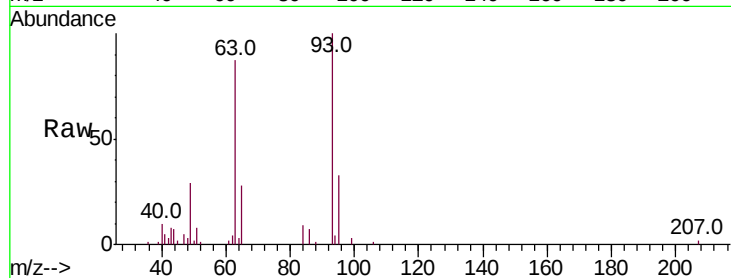
Tot Ion: 93 Resp: 17305

Ion Ratio Lower Upper

93 100

63 87.2 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 1.087 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

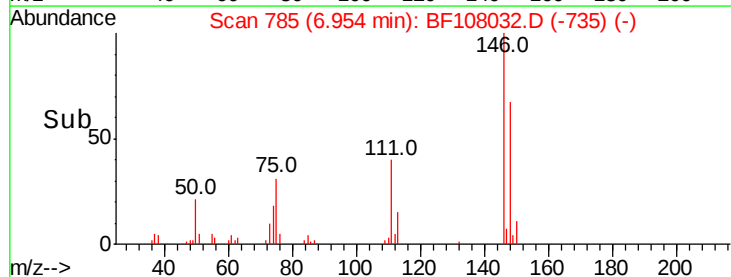
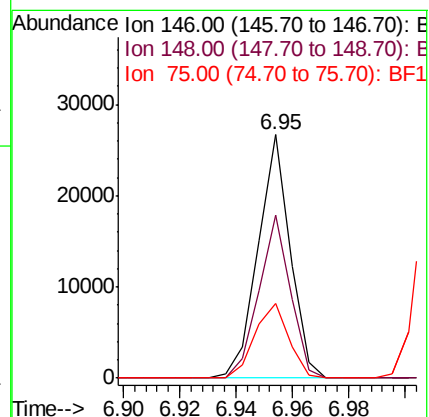
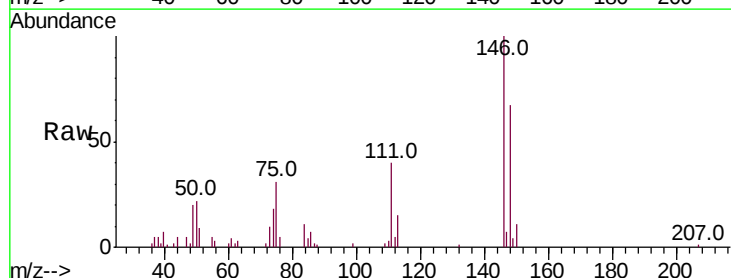
Tgt Ion: 146 Resp: 21014

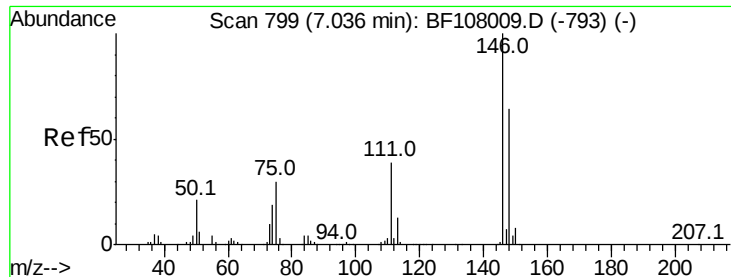
Ion Ratio Lower Upper

146 100

148 67.0 51.8 77.8

75 30.6 24.2 36.4

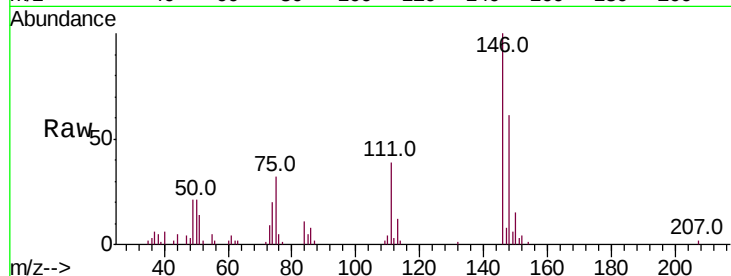




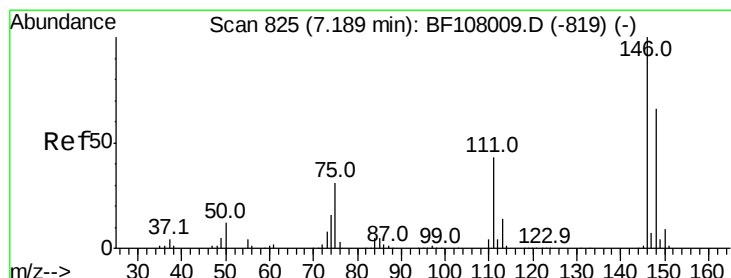
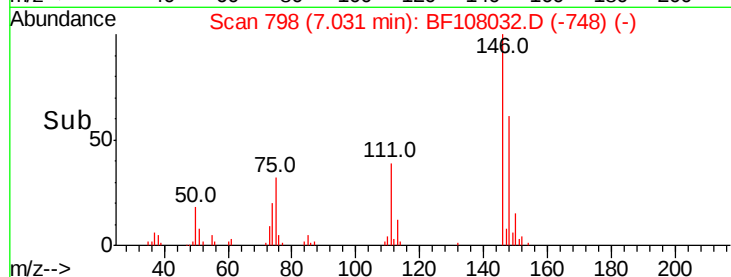
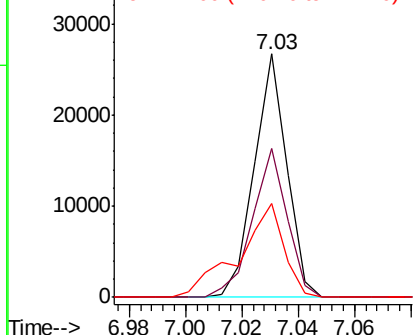
#13
1,4-Dichlorobenzene
Concen: 1.100 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 21357
Ion Ratio Lower Upper
146 100
148 61.4 50.8 76.2
111 38.7 34.2 51.2

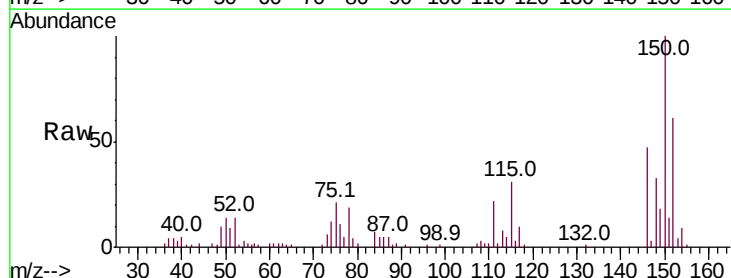


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

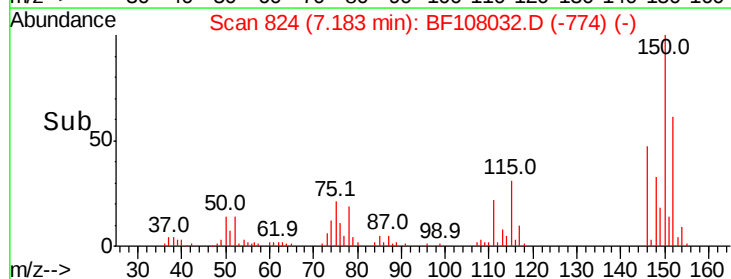
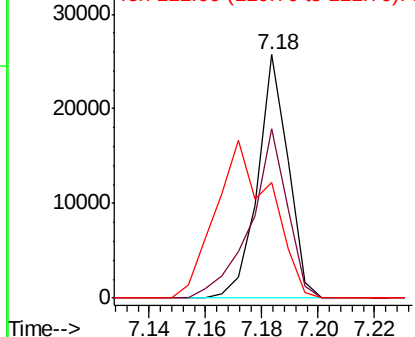


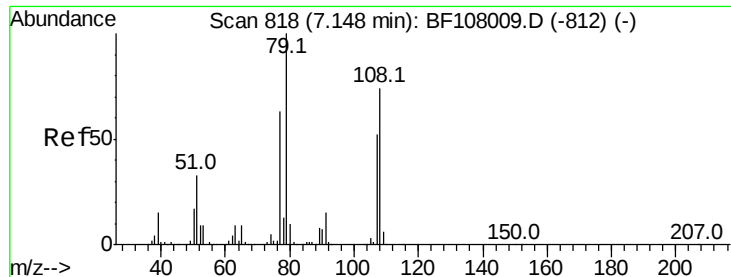
#14
1,2-Dichlorobenzene
Concen: 1.062 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:146 Resp: 19172
Ion Ratio Lower Upper
146 100
148 69.6 50.6 75.8
111 47.5 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: 0.456 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampled :

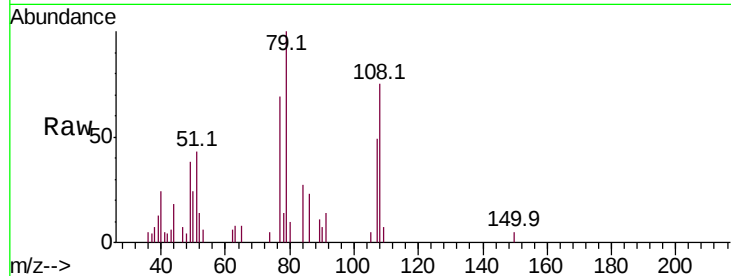
Tot Ion: 79 Resp: 7568

Ion Ratio Lower Upper

79 100

108 75.4 65.1 97.7

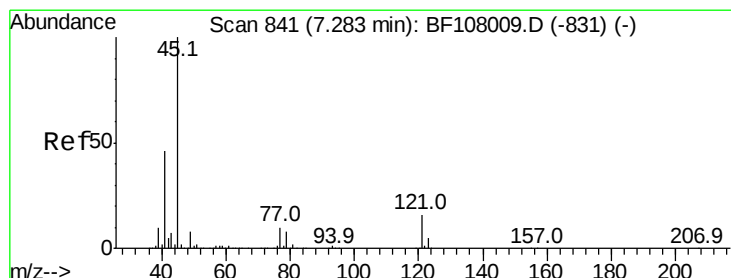
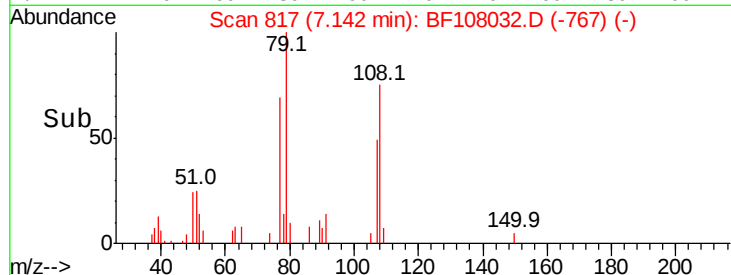
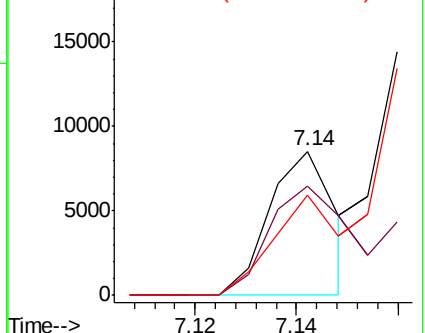
77 69.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.059 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

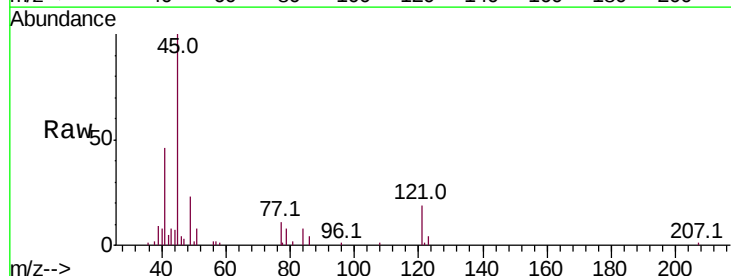
Tgt Ion: 45 Resp: 35962

Ion Ratio Lower Upper

45 100

77 10.7 0.0 32.9

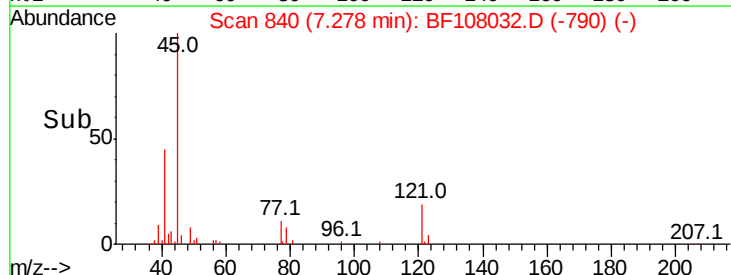
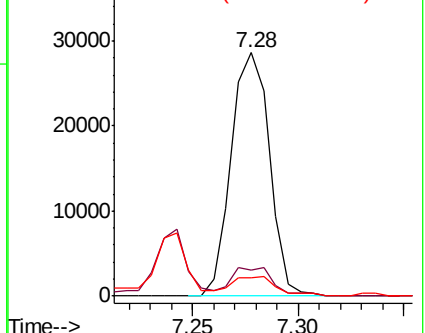
79 7.7 0.0 29.6

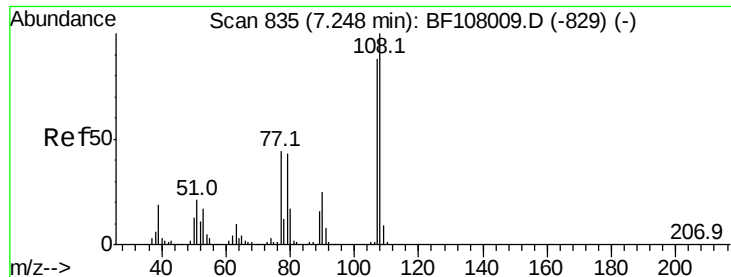


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 1.059 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 15186

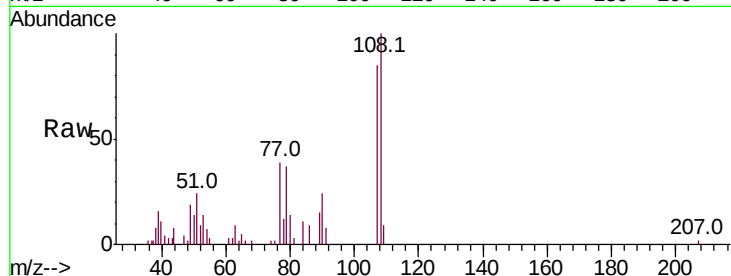
Ion Ratio Lower Upper

107 100

108 118.1 91.7 137.5

77 45.9 33.8 50.8

79 43.5 33.8 50.8

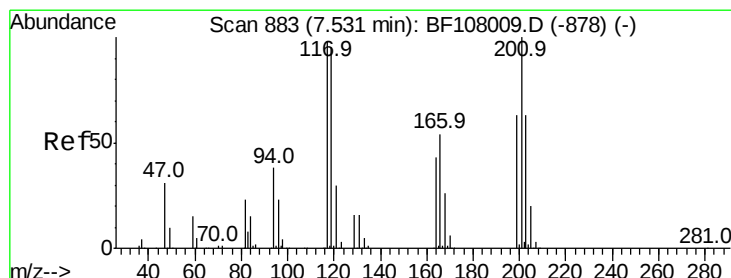
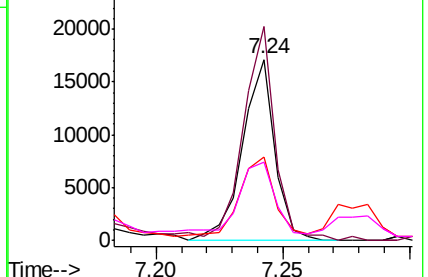
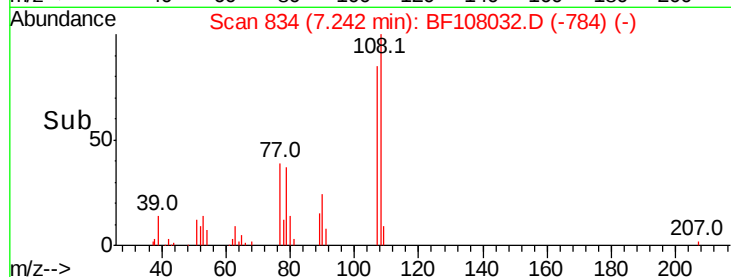


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.983 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

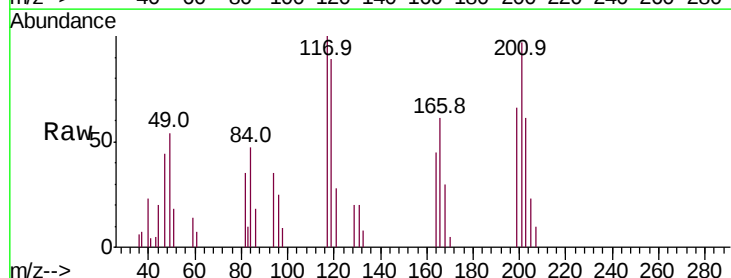
Tgt Ion:117 Resp: 6797

Ion Ratio Lower Upper

117 100

119 89.0 75.8 113.8

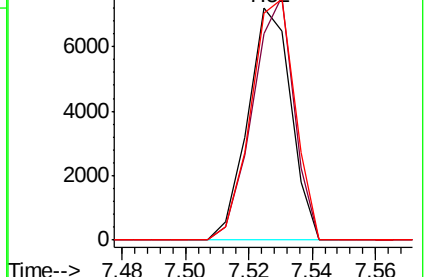
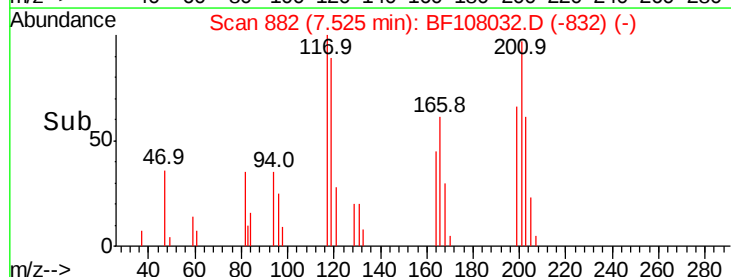
201 97.5 75.7 113.5

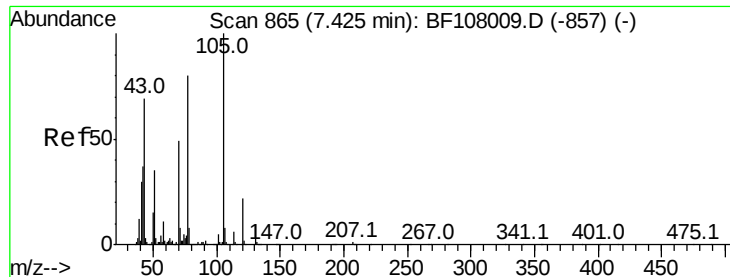


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

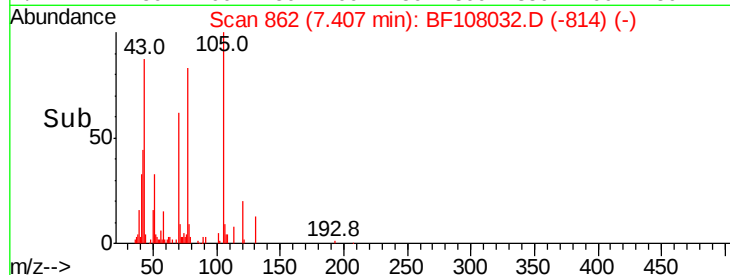
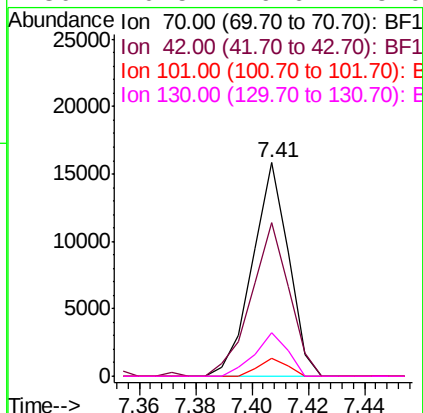
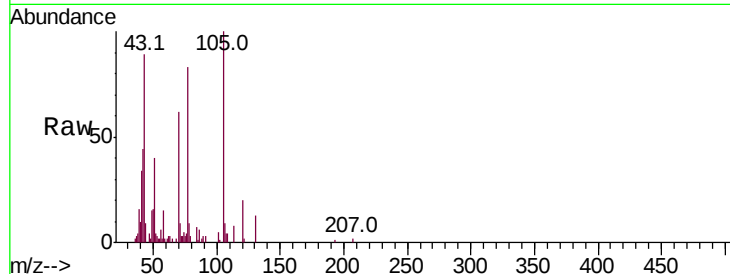




#19
n-Nitroso-di-n-propylamine
Concen: 1.054 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

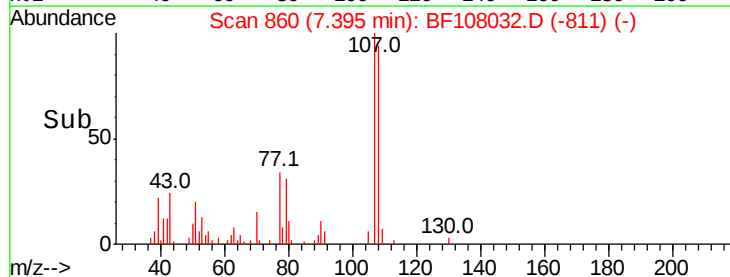
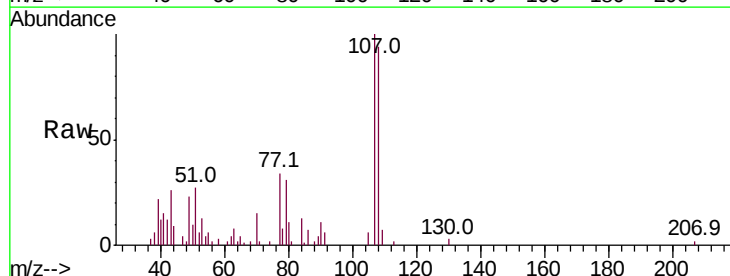
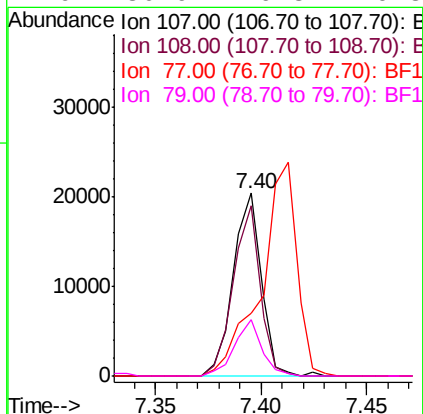
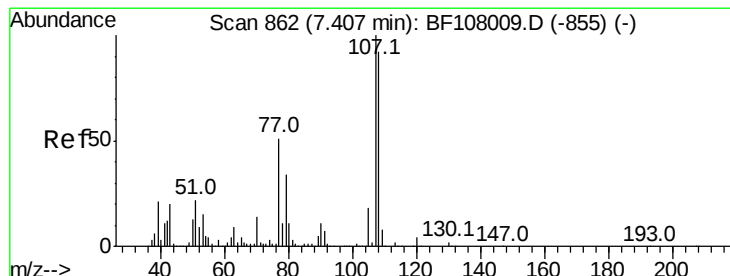
Instrument :
BNA_F
ClientSampled :

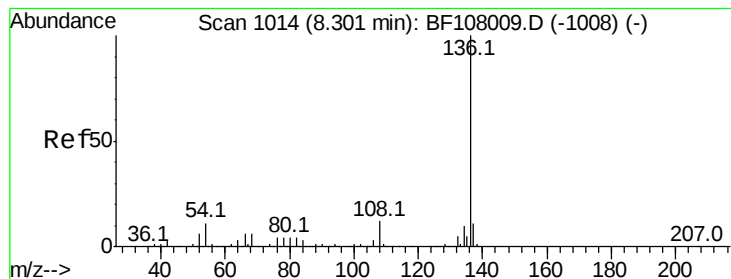
Tot Ion:	70	Resp:	14055
Ion	Ratio	Lower	Upper
70	100		
42	71.8	47.5	71.3#
101	8.6	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 1.016 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:	107	Resp:	18655
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	34.1	26.7	66.7
79	30.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

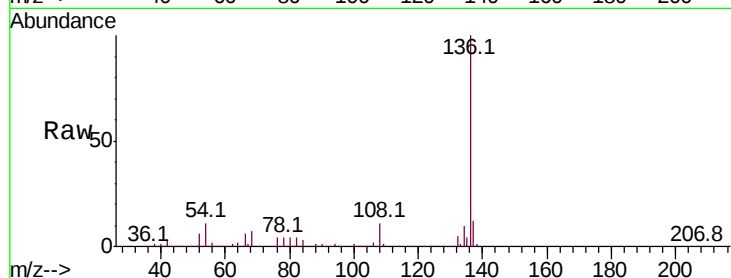
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1078819

Ion Ratio Lower Upper

136	100		
137	11.6	8.9	13.3
54	11.1	6.6	9.8#
68	6.5	5.0	7.4

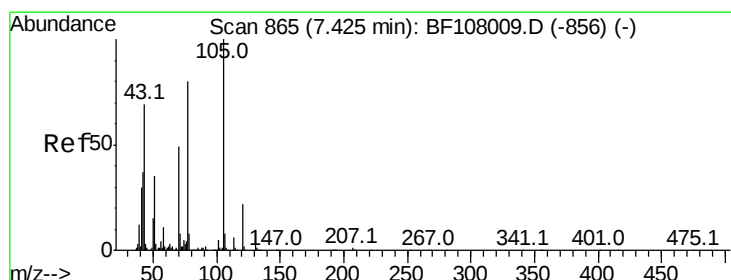
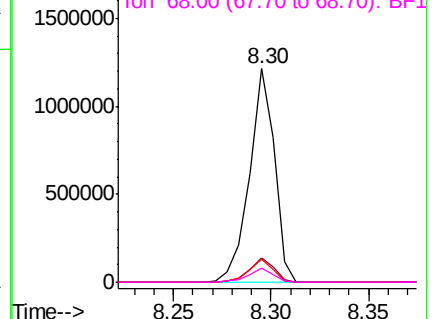
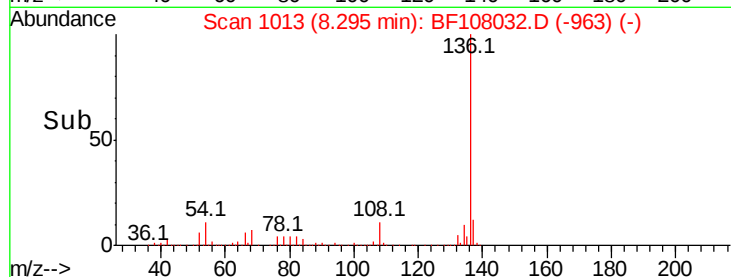


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.086 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

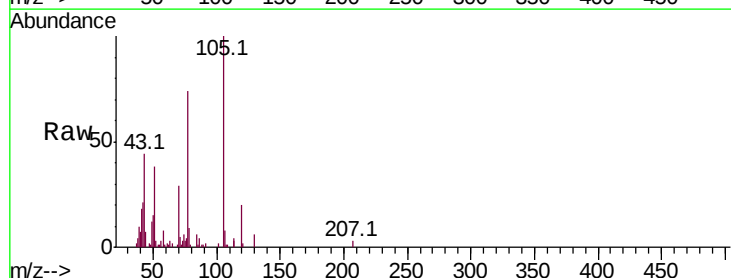
Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:105 Resp: 27386

Ion Ratio Lower Upper

105	100		
71	4.8	4.4	6.6
51	37.5	22.3	33.5#
120	20.5	16.9	25.3

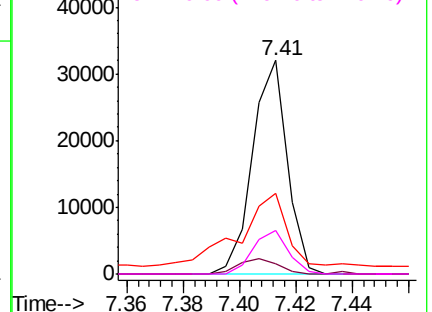
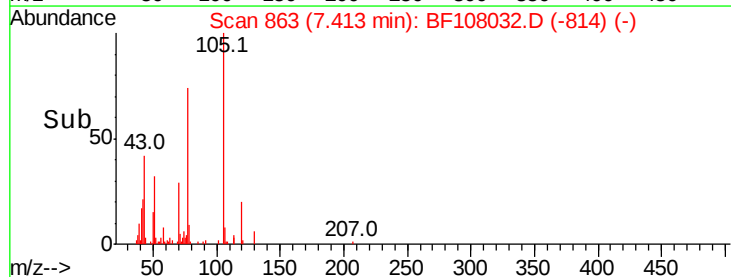


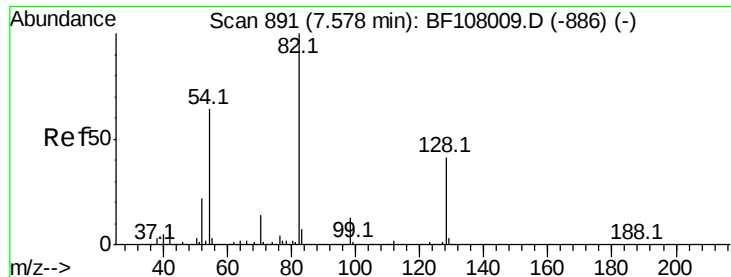
Abundance Ion 105.00 (104.70 to 105.70): E

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

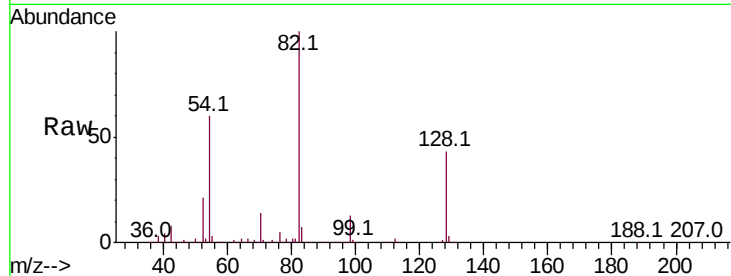




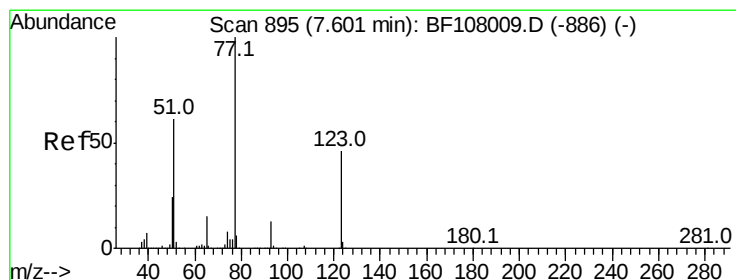
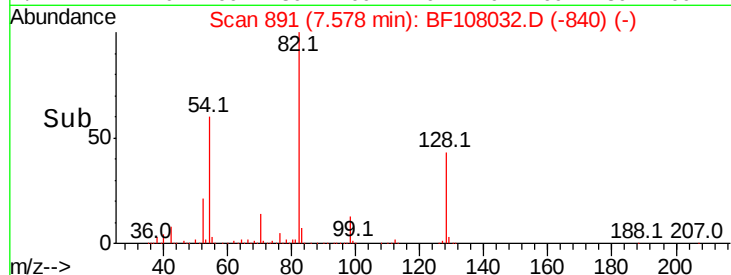
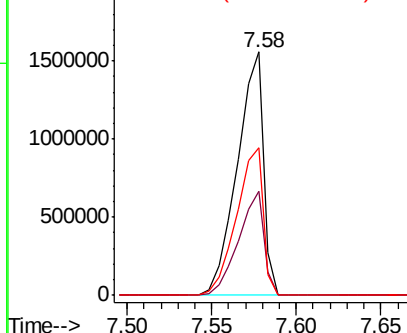
#23
Nitrobenzene-d5
Concen: 87.036 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1682685
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 60.4 41.4 62.2

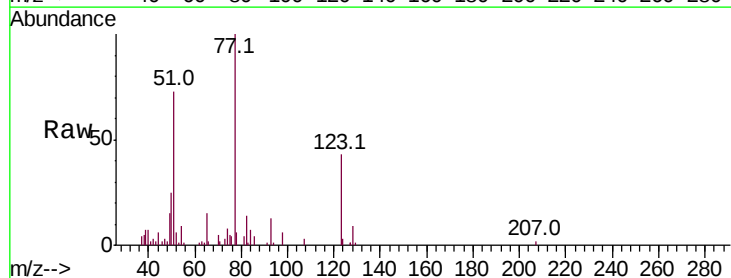


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

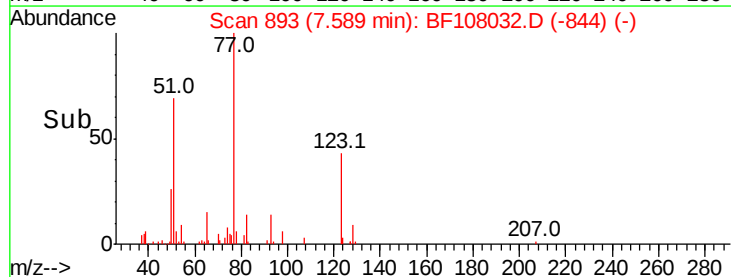
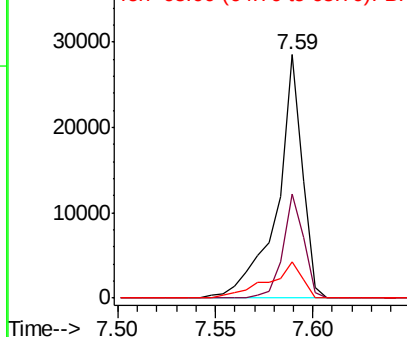


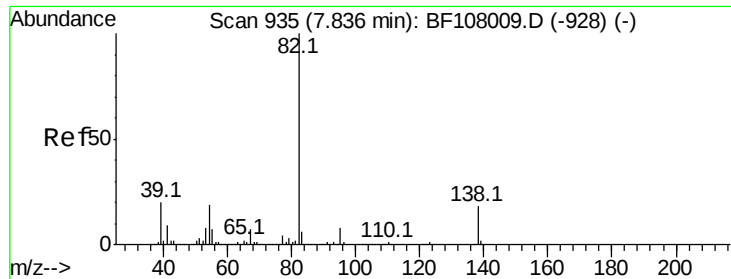
#24
Nitrobenzene
Concen: 1.307 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 77 Resp: 25548
Ion Ratio Lower Upper
77 100
123 42.8 37.9 56.9
65 15.1 11.0 16.4



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





#25

Isophorone

Concen: 45.637 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

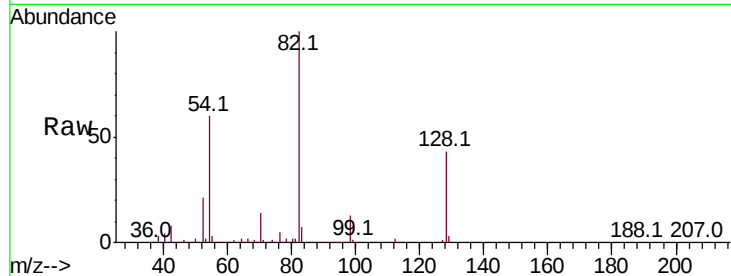
Tot Ion: 82 Resp: 1681724

Ion Ratio Lower Upper

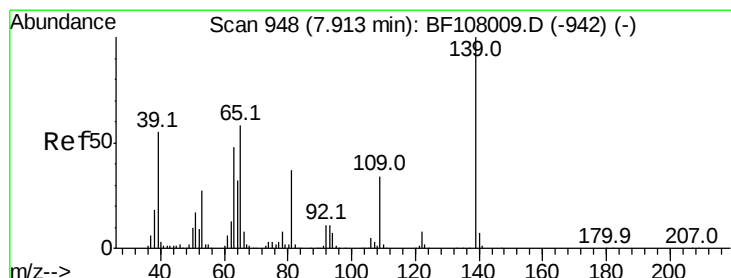
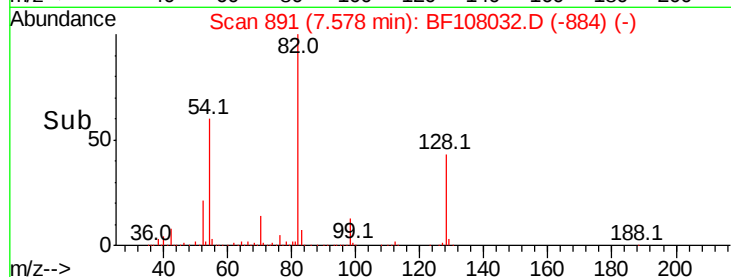
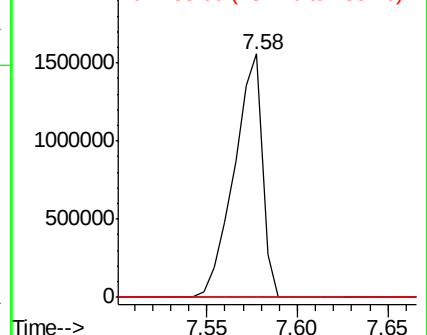
82 100

95 0.0 5.2 7.8#

138 0.0 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: 0.714 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

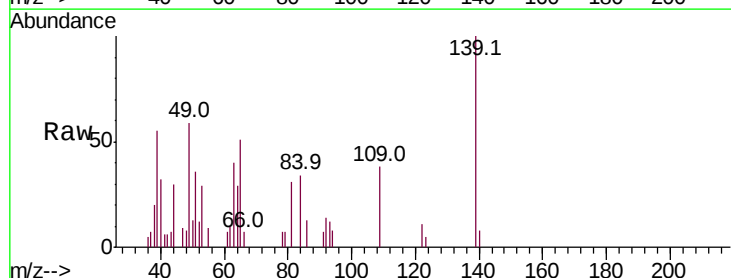
Tgt Ion: 139 Resp: 5269

Ion Ratio Lower Upper

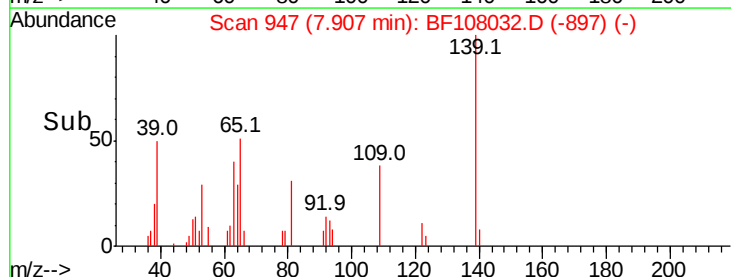
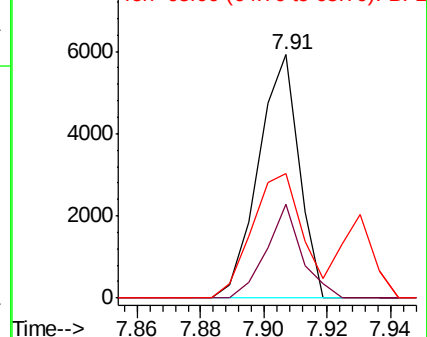
139 100

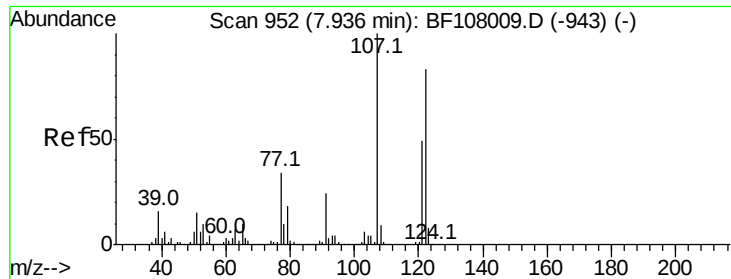
109 38.5 22.7 34.1#

65 51.0 40.5 60.7



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

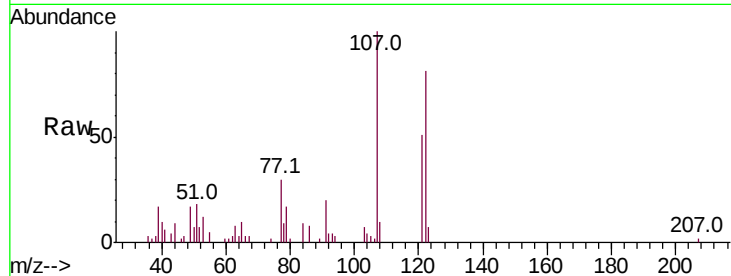




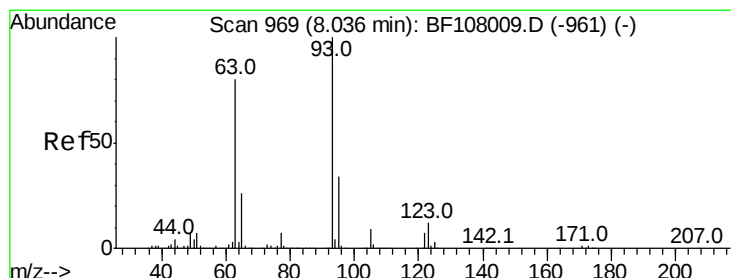
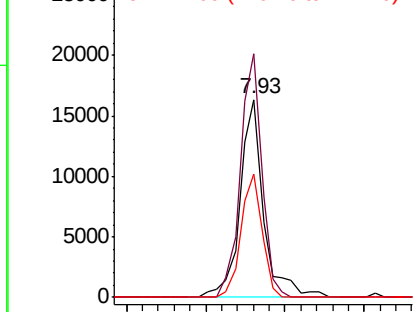
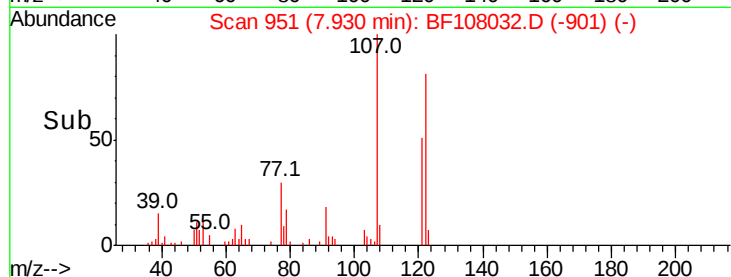
#27
 2,4-Dimethylphenol
 Concen: 1.030 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 16840
 Ion Ratio Lower Upper
 122 100
 107 123.3 91.2 136.8
 121 62.5 47.2 70.8

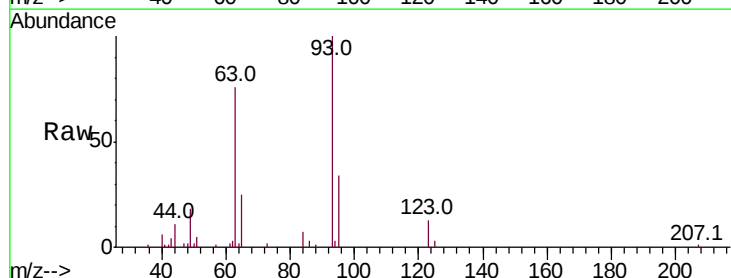


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

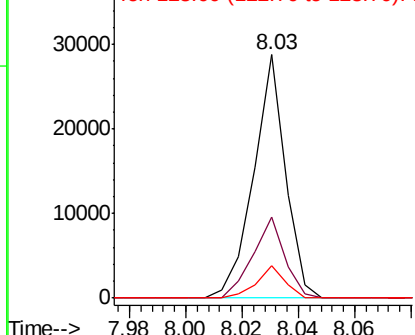
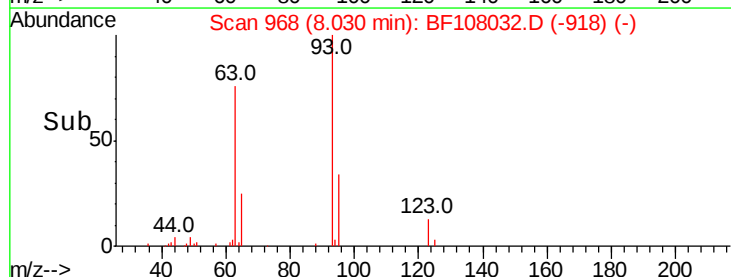


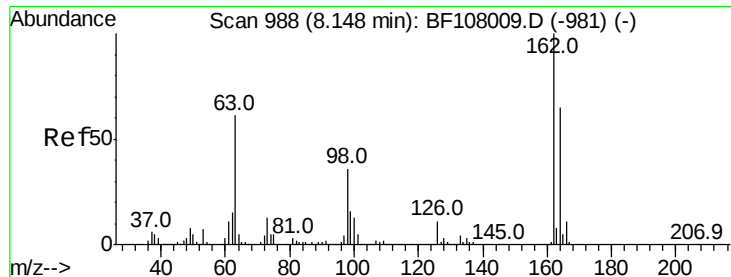
#28
 bis(2-Chloroethoxy)methane
 Concen: 1.048 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion: 93 Resp: 22536
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 13.3 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

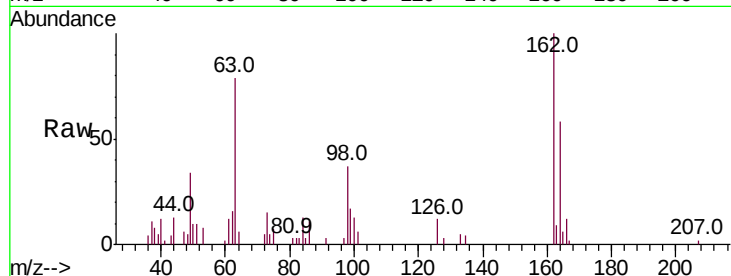




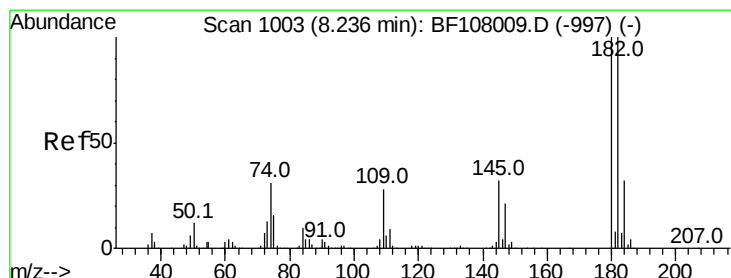
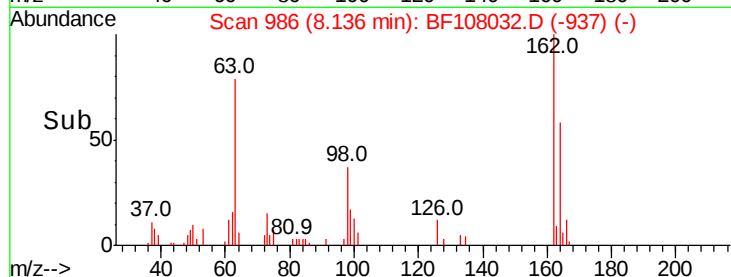
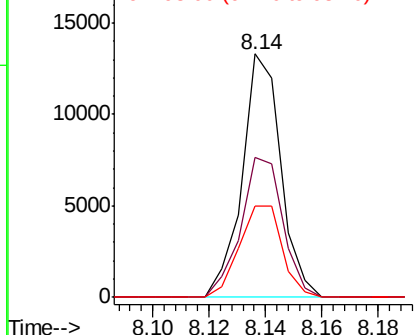
#29
2,4-Dichlorophenol
Concen: 0.840 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 12649
Ion Ratio Lower Upper
162 100
164 57.5 42.7 82.7
98 37.4 18.1 58.1

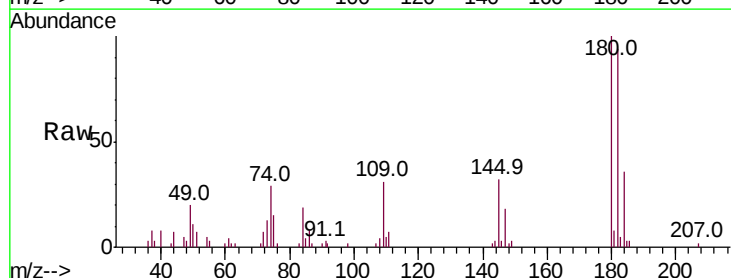


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

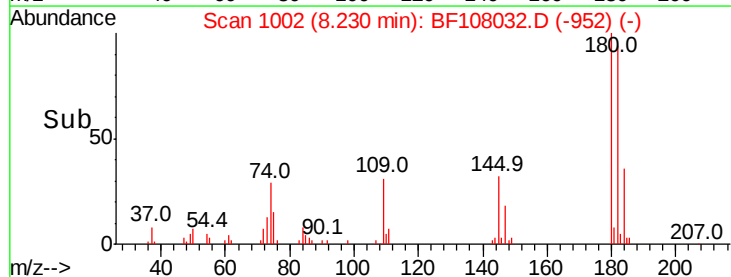
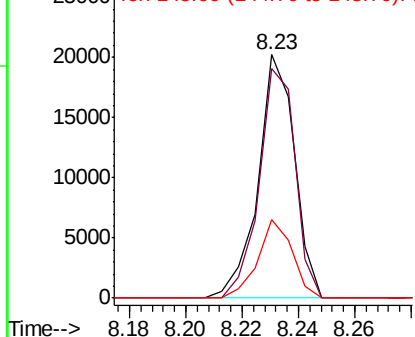


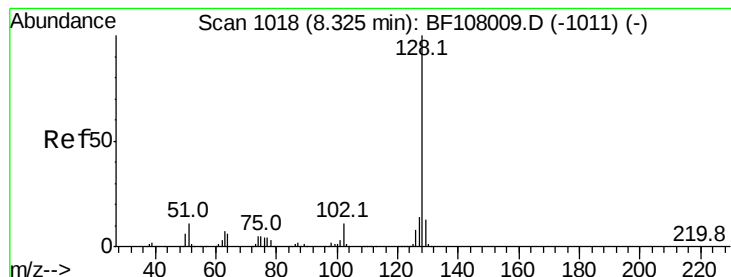
#30
1,2,4-Trichlorobenzene
Concen: 1.090 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:180 Resp: 18091
Ion Ratio Lower Upper
180 100
182 94.1 76.8 115.2
145 32.4 26.5 39.7



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





#31

Naphthalene

Concen: 1.169 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

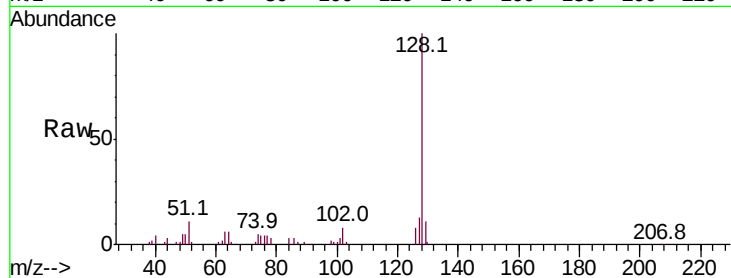
Tot Ion:128 Resp: 57364

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

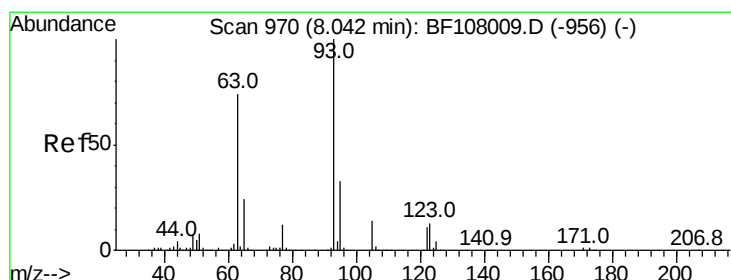
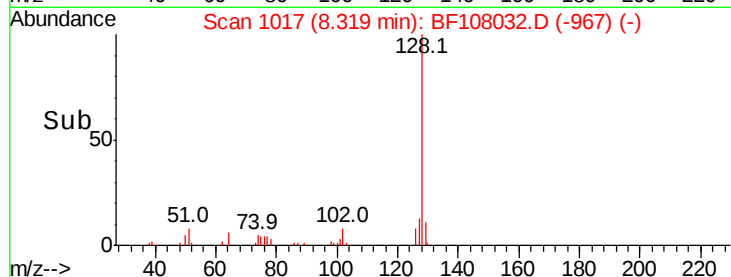
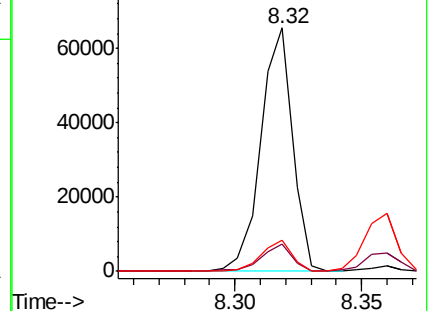
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.528 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.11 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

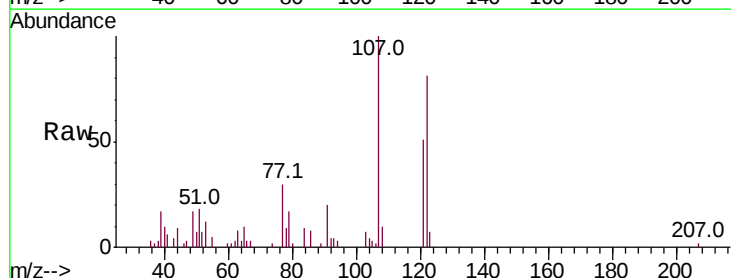
Tgt Ion:122 Resp: 16840

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

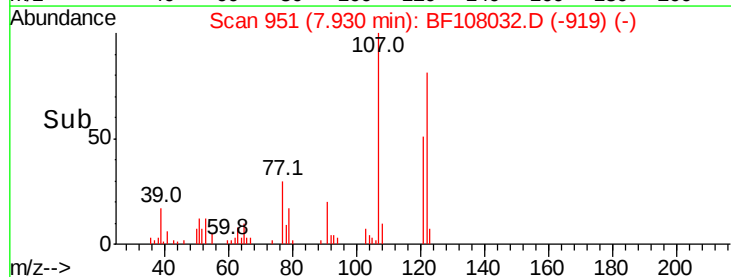
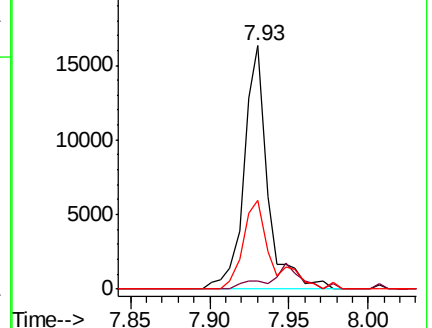
77 36.5 70.7 110.7#

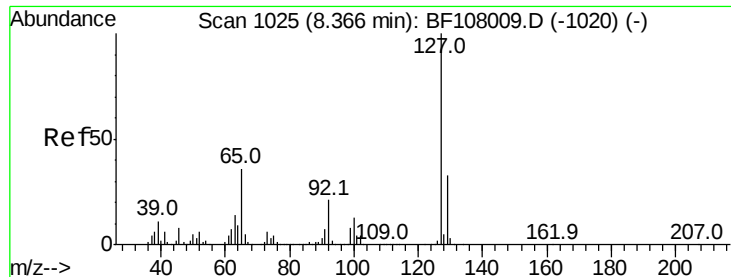


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

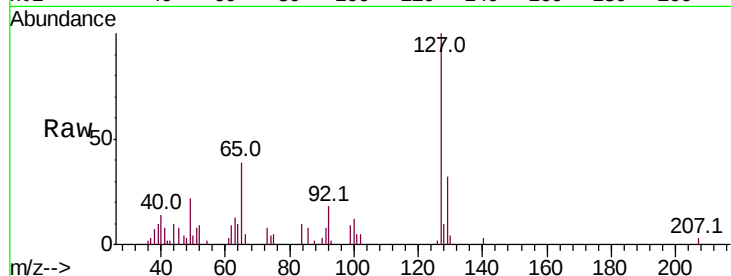




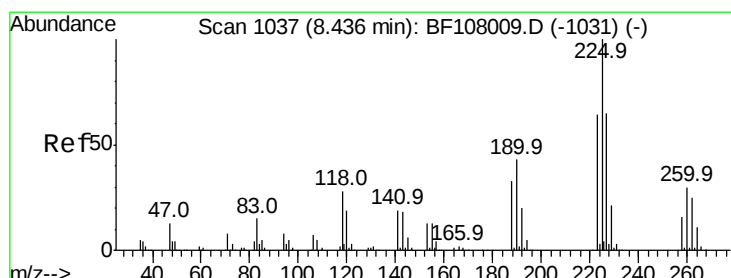
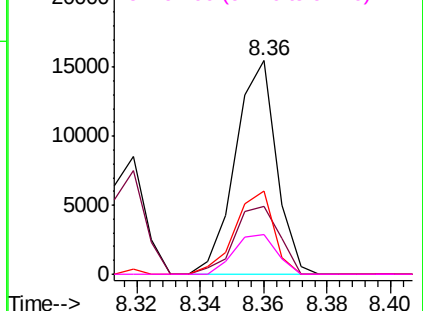
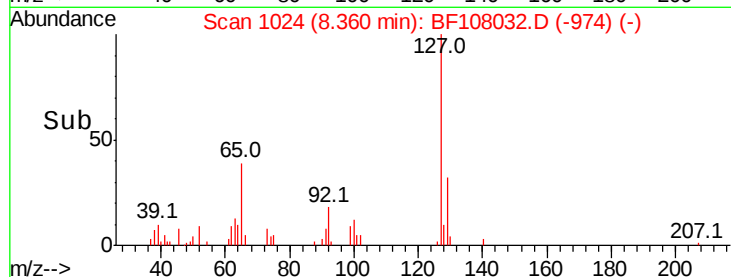
#33
4-Chloroaniline
Concen: 0.647 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	13829
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	39.0	25.0	37.4#
92	18.5	15.2	22.8

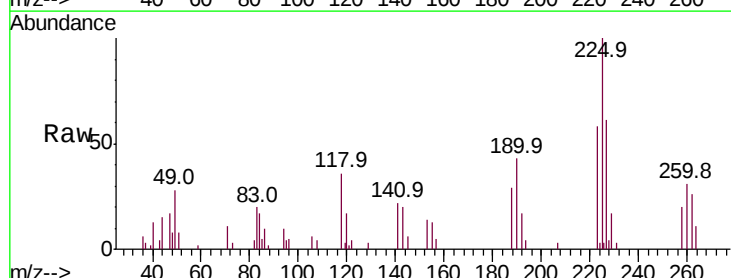


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

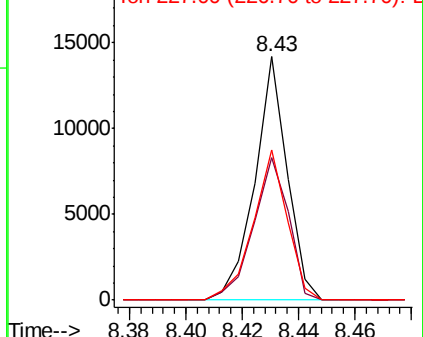
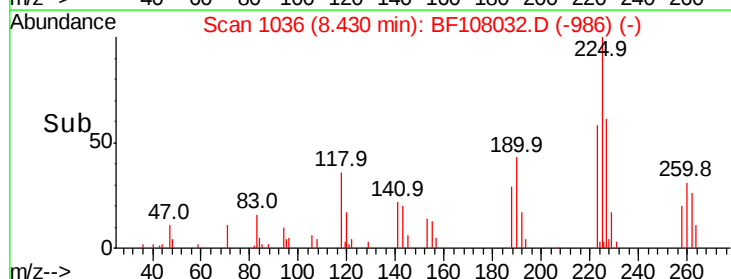


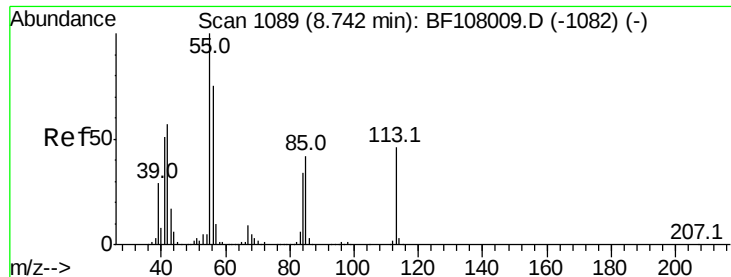
#34
Hexachlorobutadiene
Concen: 1.073 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:	225	Resp:	11275
Ion	Ratio	Lower	Upper
225	100		
223	58.4	50.6	76.0
227	61.5	51.9	77.9



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





#35

Caprolactam

Concen: 0.801 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.07 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampled :

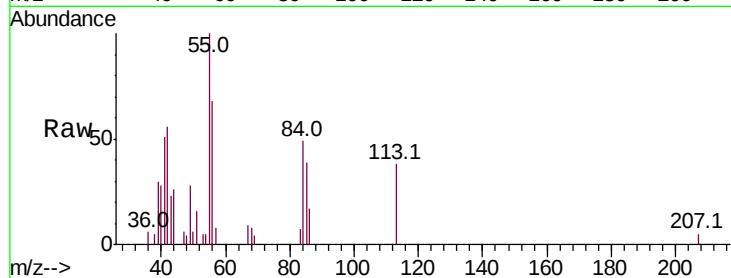
Tot Ion:113 Resp: 3779

Ion Ratio Lower Upper

113 100

55 262.6 163.3 203.3#

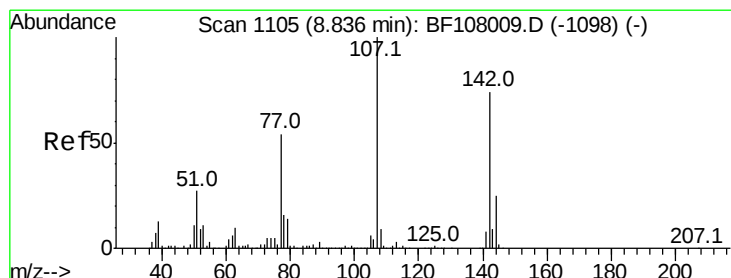
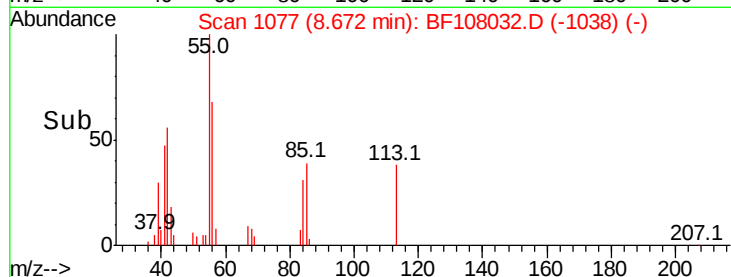
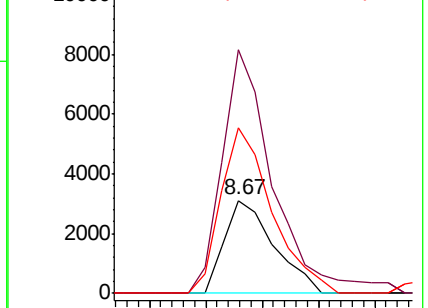
56 178.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.899 ng

RT: 8.82 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

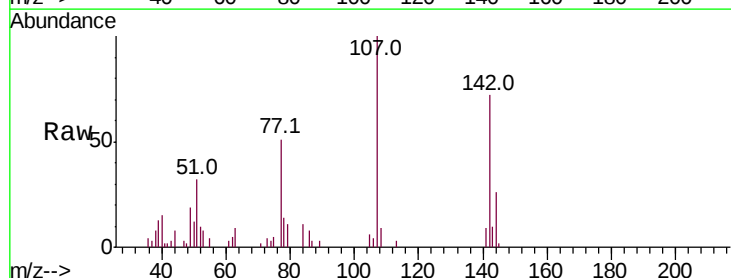
Tgt Ion:107 Resp: 14596

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

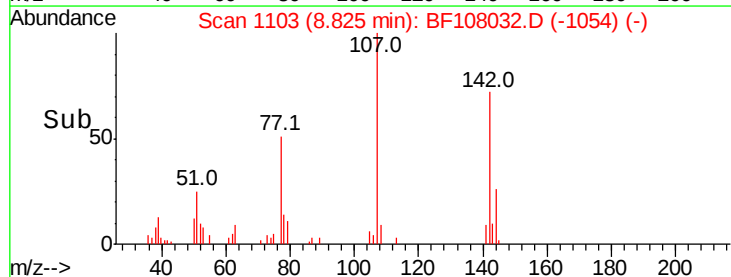
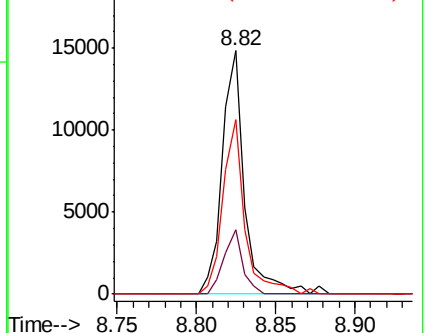
142 71.7 62.0 93.0

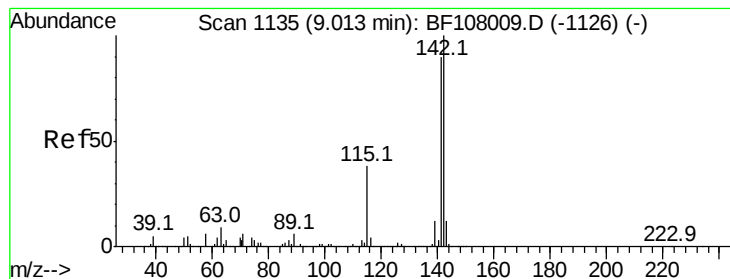


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

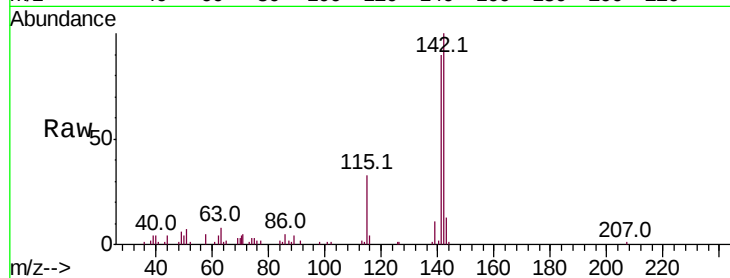




#37
2-Methylnaphthalene
Concen: 1.115 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.7	26.1	39.1

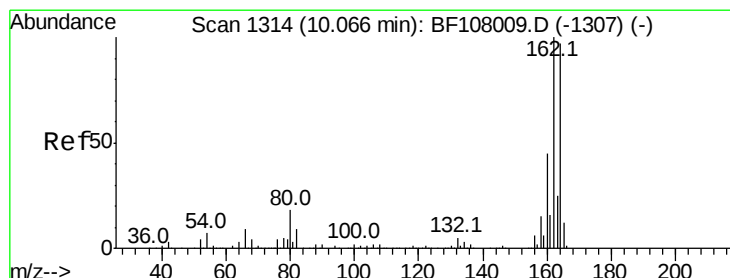
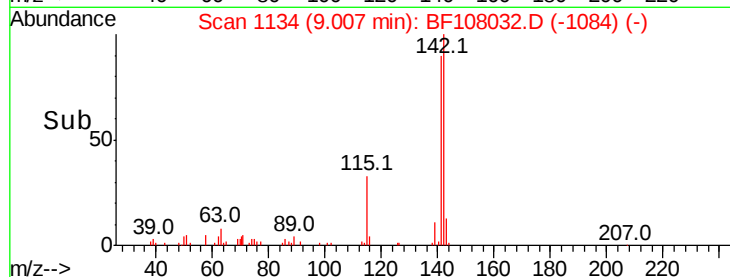
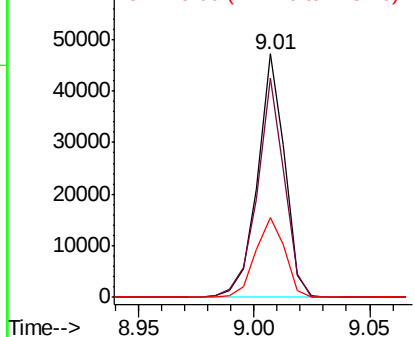


Abundance

Ion 142.00 (141.70 to 142.70): E

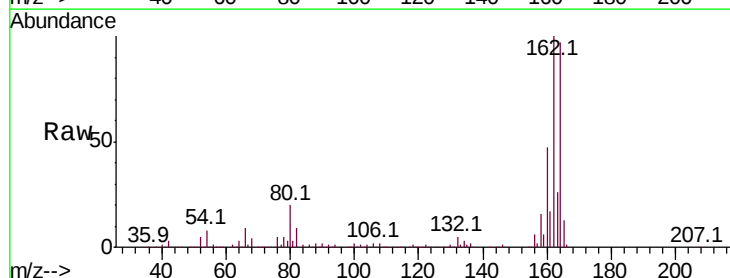
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	48.1	38.3	57.5

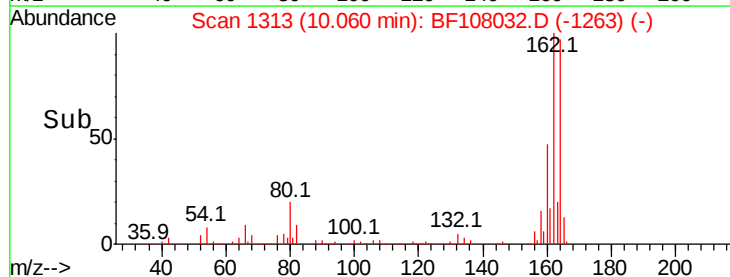
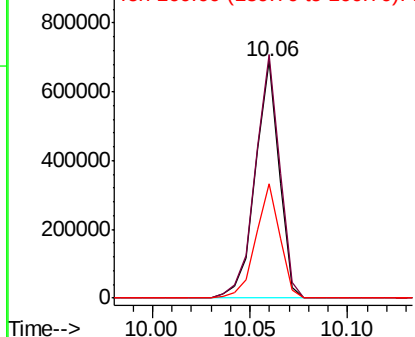


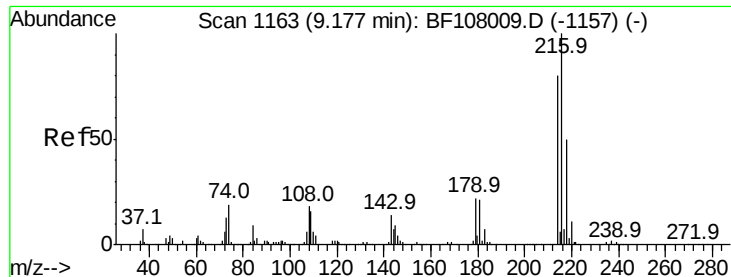
Abundance

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

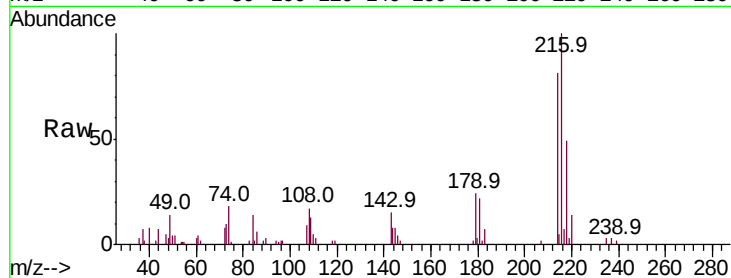




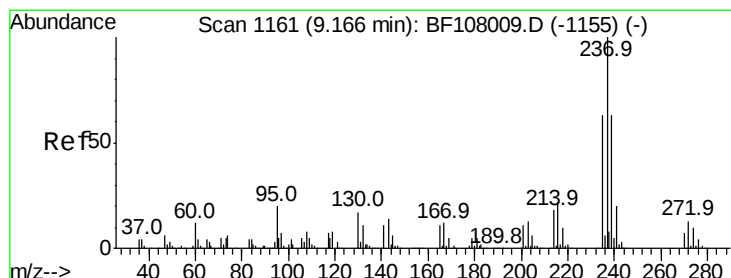
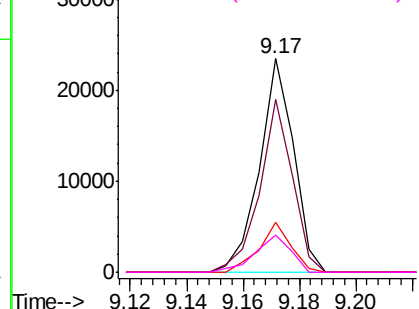
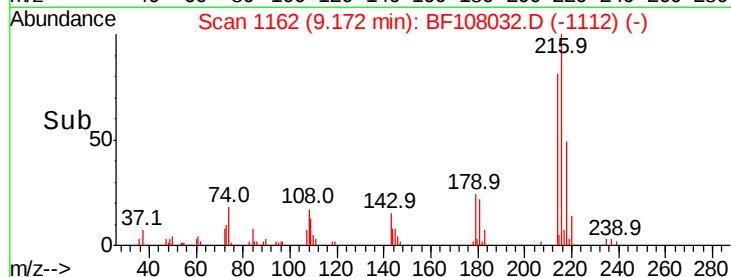
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.097 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	19662
Ion Ratio	Lower	Upper	
216	100		
214	77.5	63.0	94.4
179	21.6	18.1	27.1
108	18.2	17.2	25.8

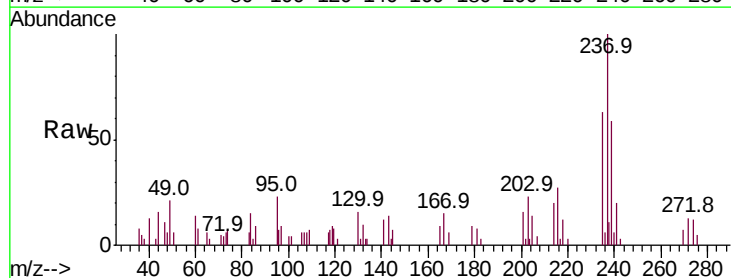


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

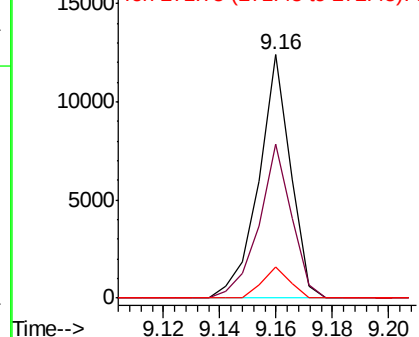
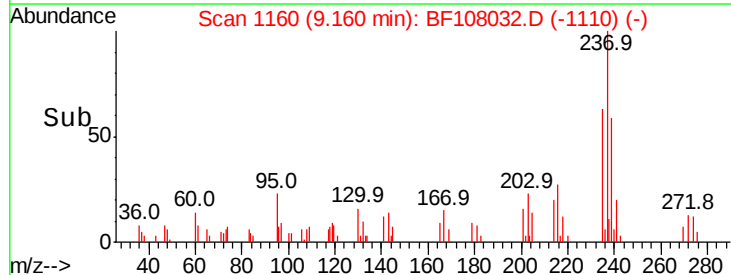


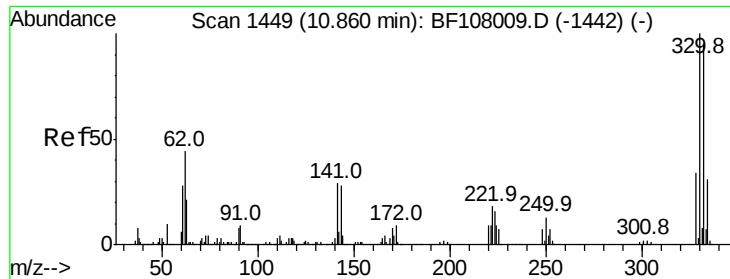
#40
 Hexachlorocyclopentadiene
 Concen: 0.838 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:	237	Resp:	9698
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	12.8	0.0	33.3



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

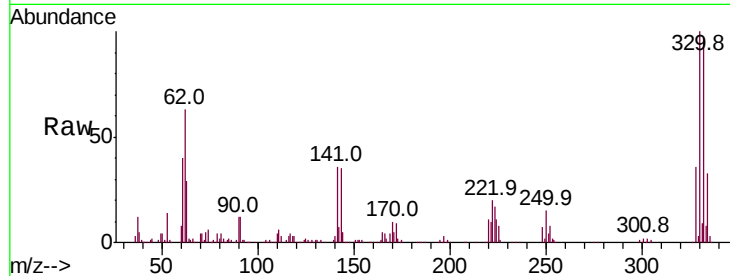




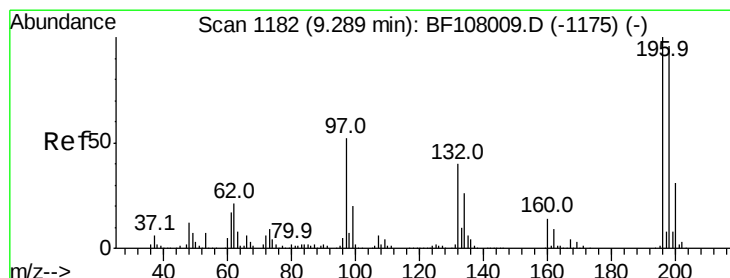
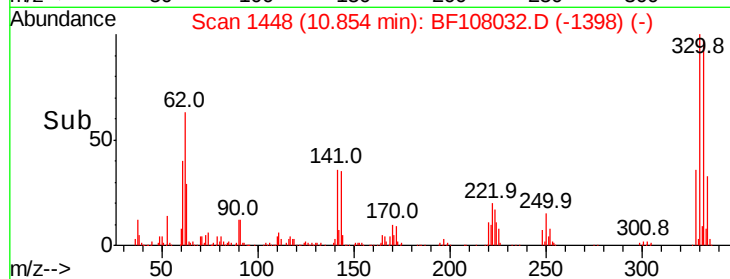
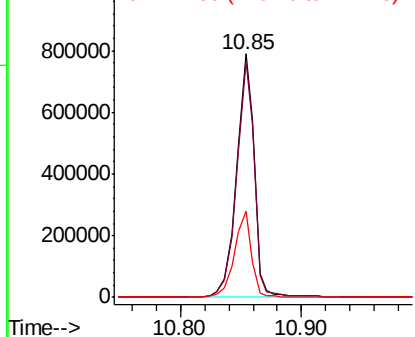
#41
 2,4,6-Tribromophenol
 Concen: 138.905 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	34.7	29.9	44.9

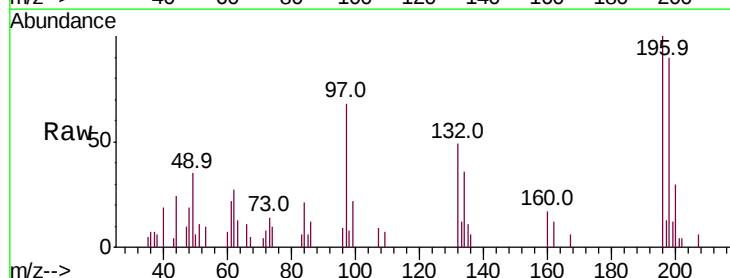


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

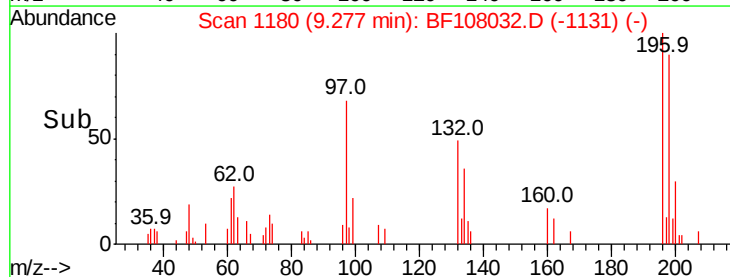
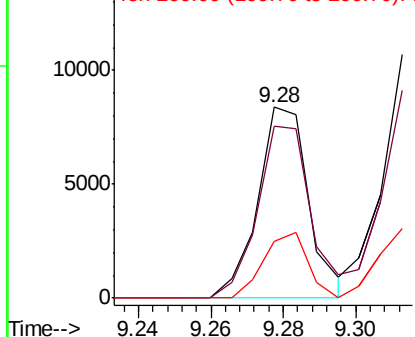


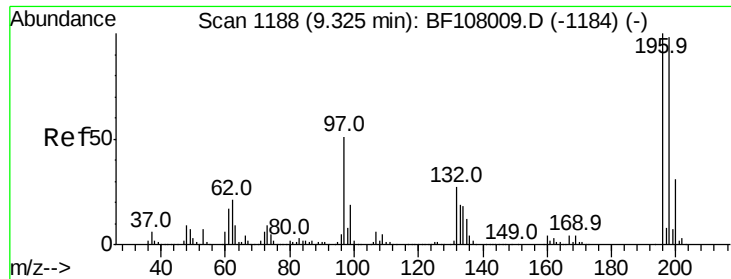
#42
 2,4,6-Trichlorophenol
 Concen: 0.736 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.9	75.7	113.5
200	29.8	24.5	36.7



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

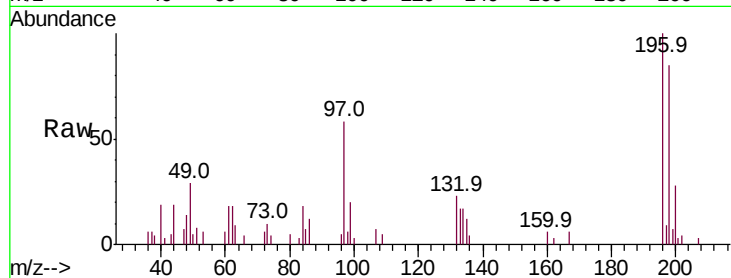




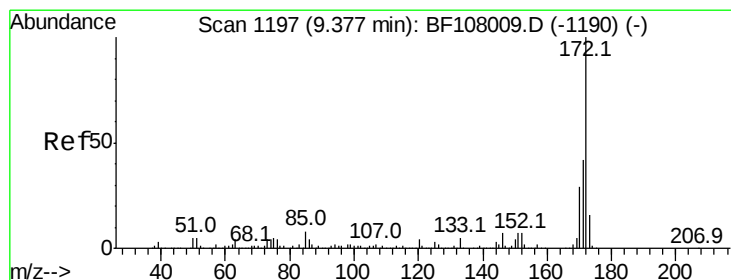
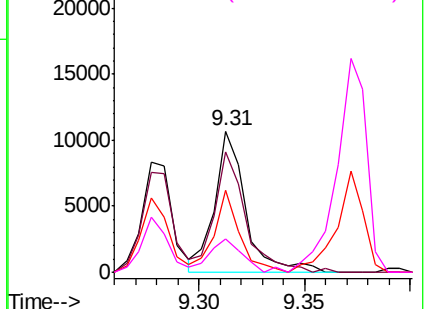
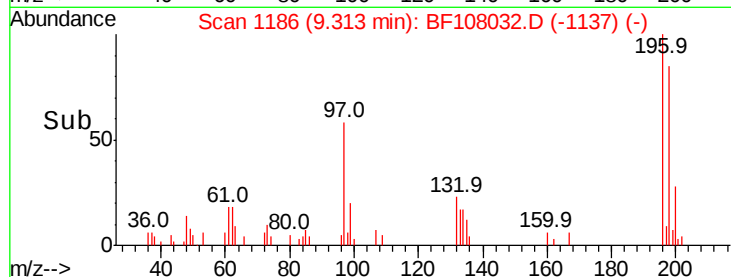
#43
 2,4,5-Trichlorophenol
 Concen: 0.894 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 10945
 Ion Ratio Lower Upper
 196 100
 198 85.2 74.6 112.0
 97 57.6 42.9 64.3
 132 23.5 26.3 39.5#

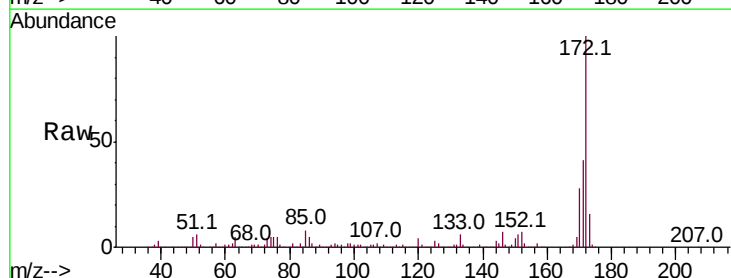


Abundance Ion 196.00 (195.70 to 196.70): E
 25000 Ion 198.00 (197.70 to 198.70): E
 20000 Ion 97.00 (96.70 to 97.70): BF1
 15000 Ion 132.00 (131.70 to 132.70): E

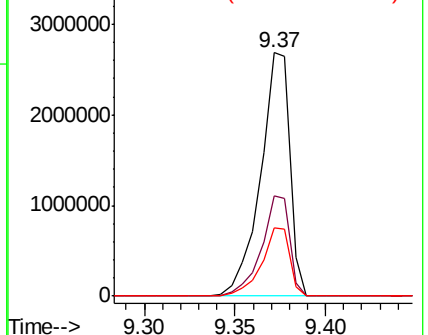
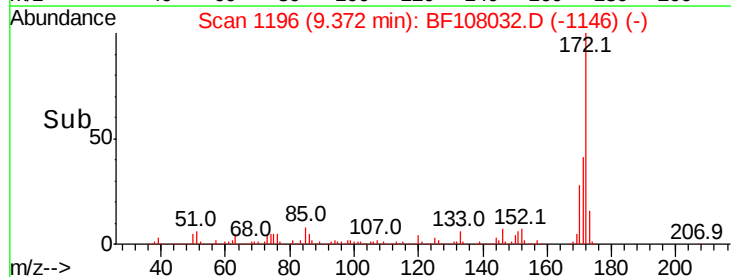


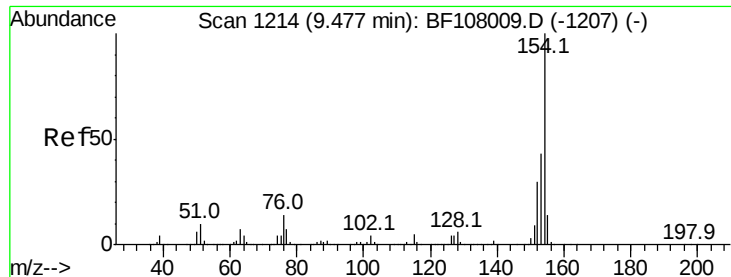
#44
 2-Fluorobiphenyl
 Concen: 83.191 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:172 Resp: 3024600
 Ion Ratio Lower Upper
 172 100
 171 41.0 29.7 44.5
 170 28.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

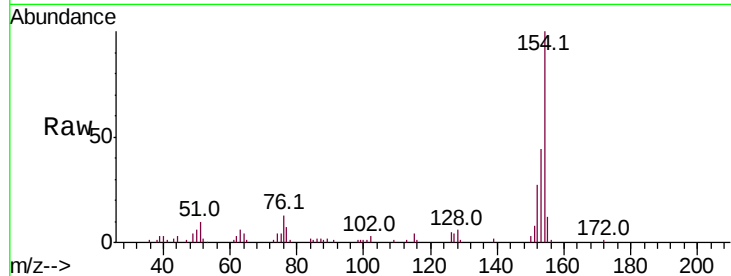




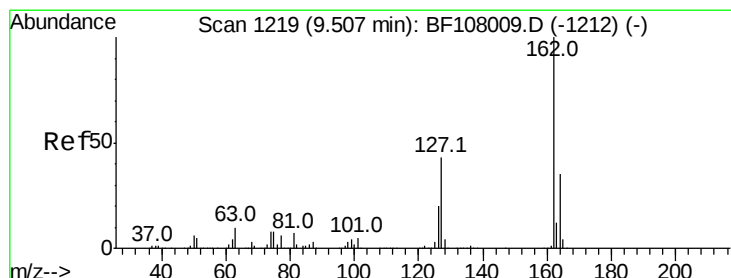
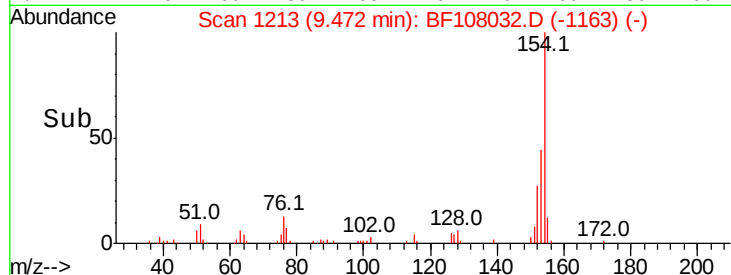
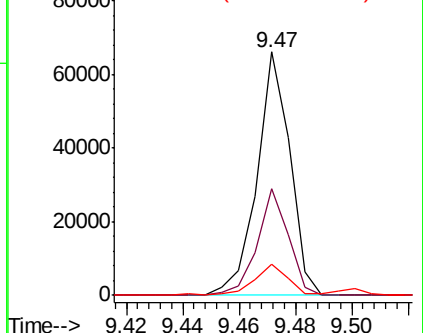
#45
 1,1'-Biphenyl
 Concen: 1.241 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 53429
 Ion Ratio Lower Upper
 154 100
 153 43.7 21.3 61.3
 76 13.0 0.0 34.0

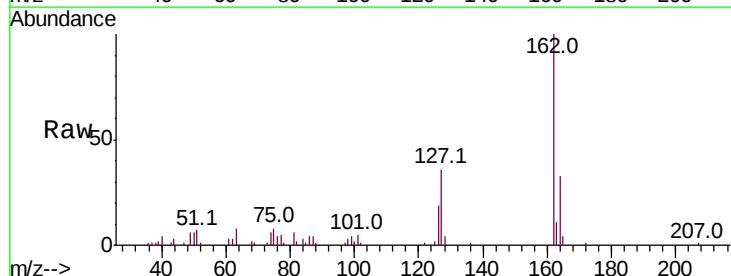


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

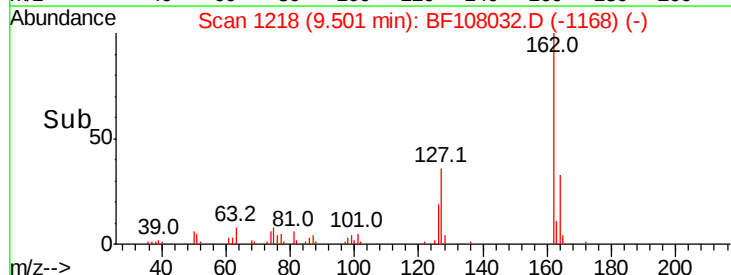
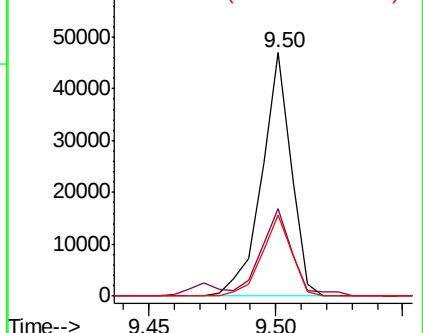


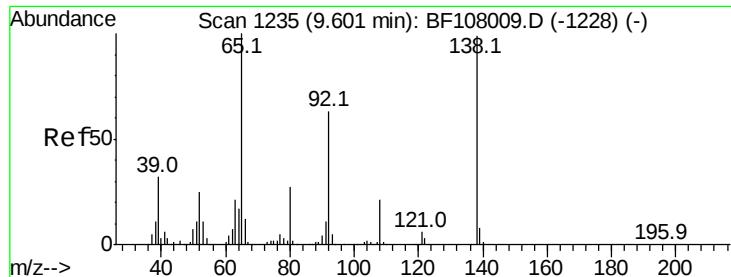
#46
 2-Chloronaphthalene
 Concen: 1.122 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:162 Resp: 38179
 Ion Ratio Lower Upper
 162 100
 127 36.1 33.9 50.9
 164 33.5 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

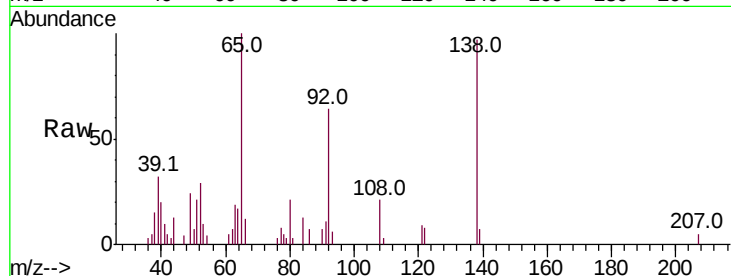




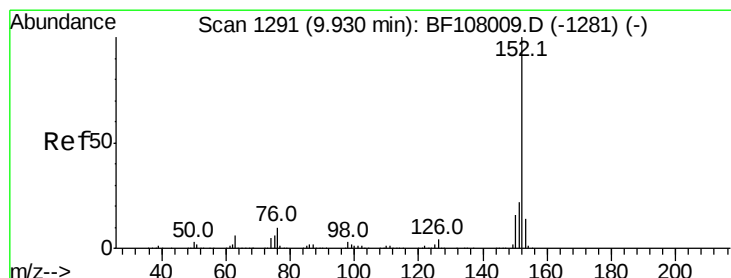
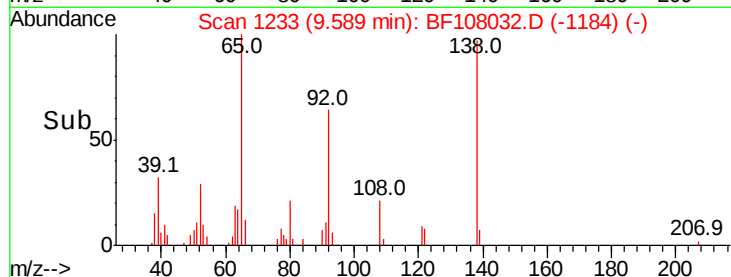
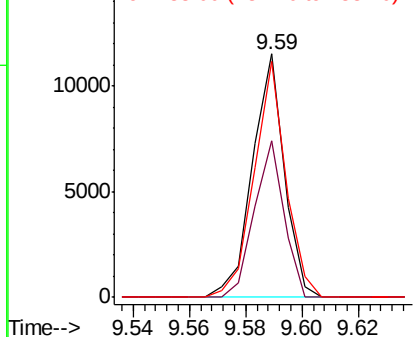
#47
2-Nitroaniline
Concen: 0.820 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 9021
Ion Ratio Lower Upper
65 100
92 64.3 55.8 83.6
138 96.9 91.2 136.8

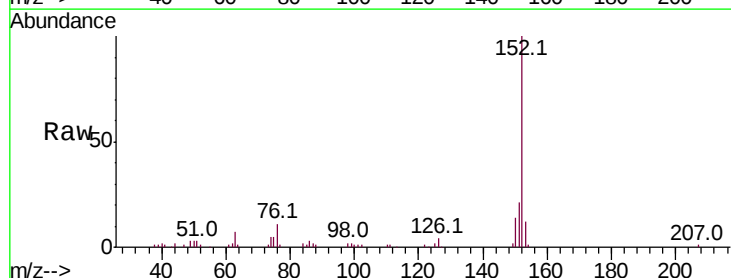


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

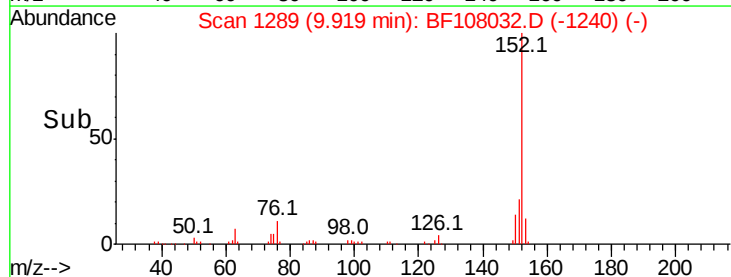
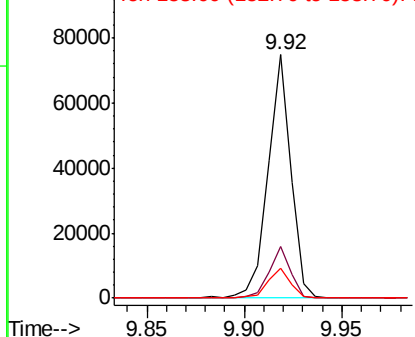


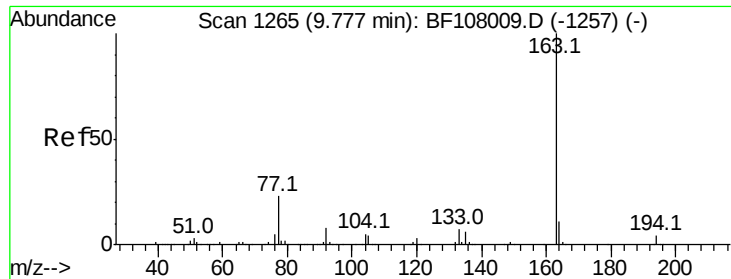
#48
Acenaphthylene
Concen: 1.124 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 152 Resp: 60438
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 12.3 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

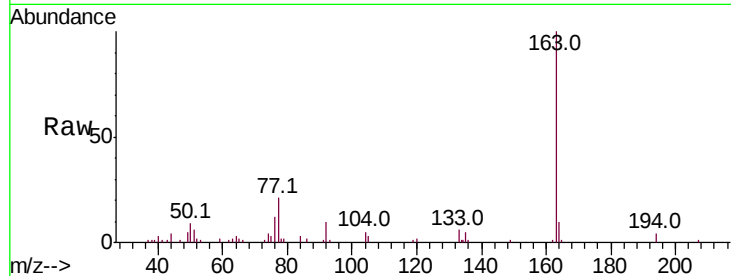




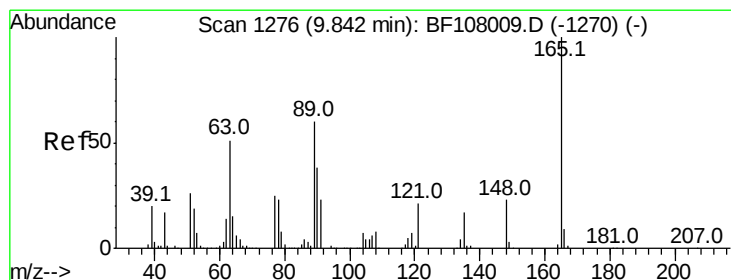
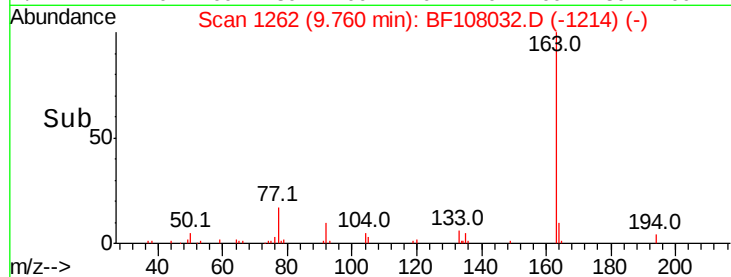
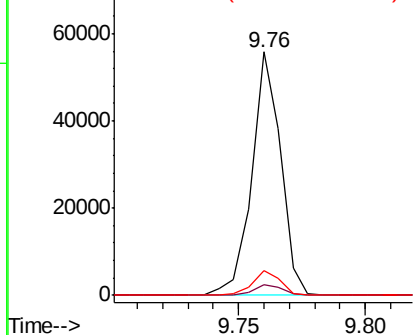
#49
 Dimethylphthalate
 Concen: 1.091 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	44348
Ion Ratio	Lower	Upper
163	100	
194	4.2	2.7 4.1#
164	9.9	8.2 12.2

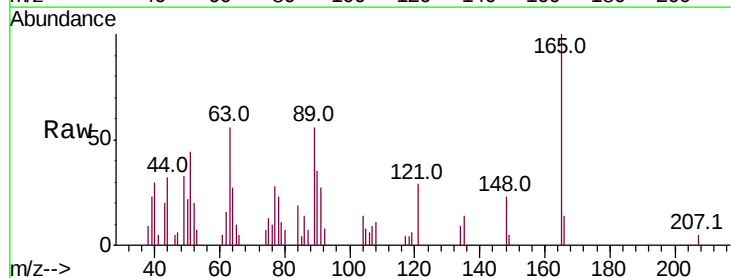


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

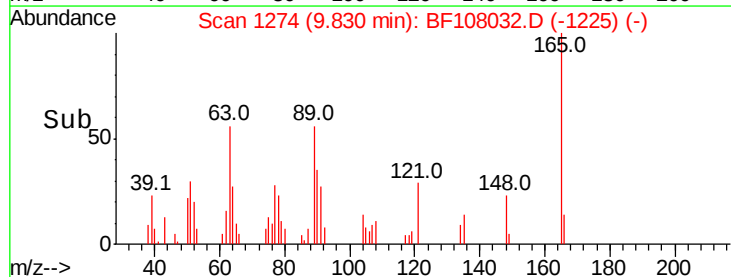
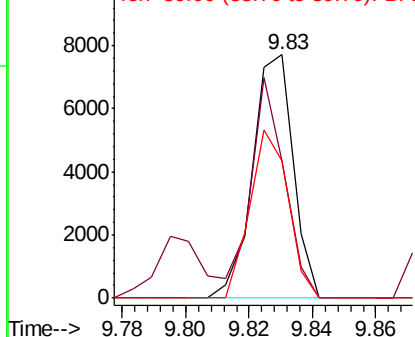


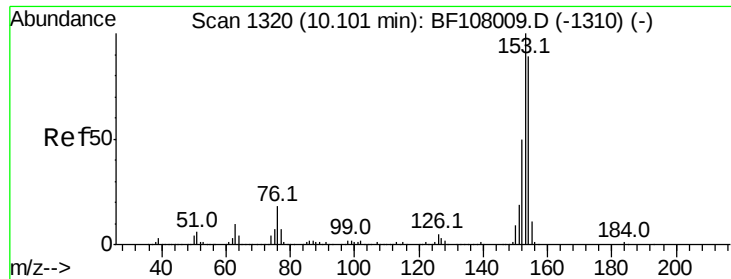
#50
 2,6-Dinitrotoluene
 Concen: 0.809 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:165	Resp:	6883
Ion Ratio	Lower	Upper
165	100	
63	56.2	44.7 67.1
89	56.5	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: 1.099 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

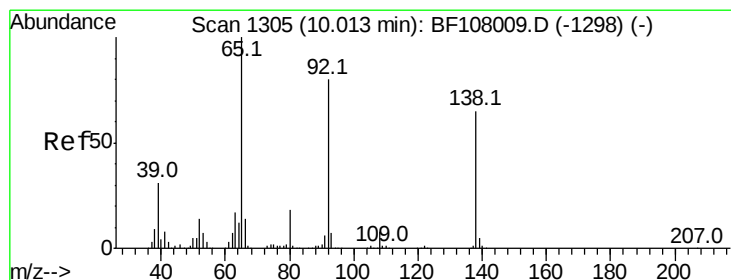
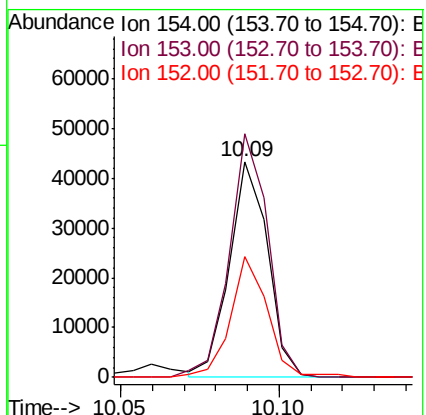
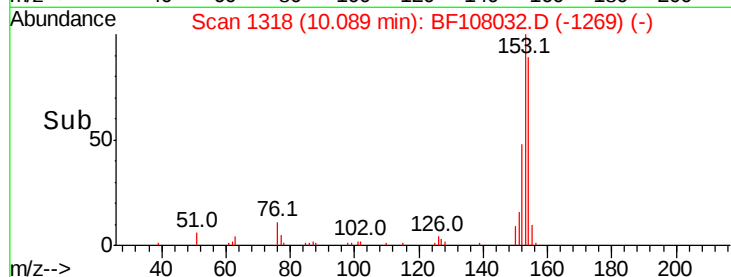
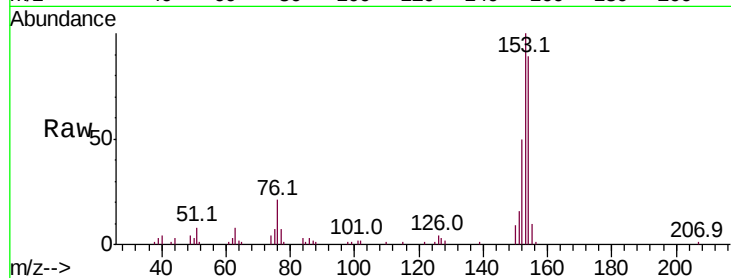
Tot Ion:154 Resp: 36189

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

152 56.2 43.8 65.8



#52

3-Nitroaniline

Concen: 0.734 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

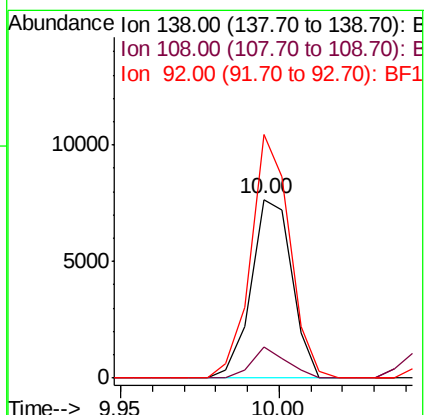
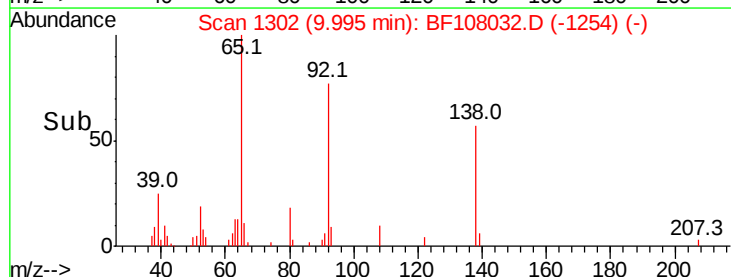
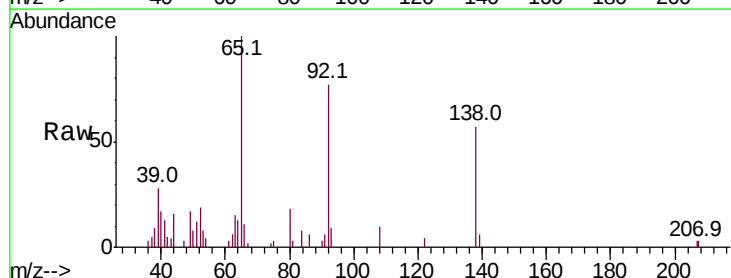
Tgt Ion:138 Resp: 6830

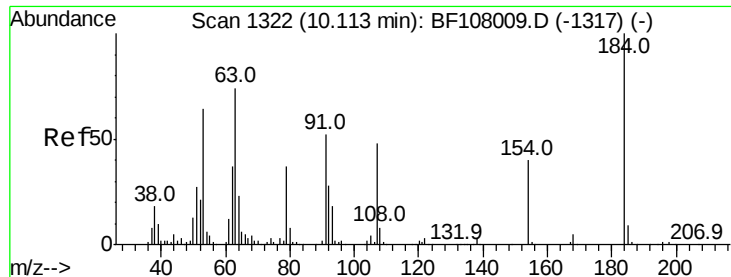
Ion Ratio Lower Upper

138 100

108 17.2 9.4 14.0#

92 136.3 89.4 134.2#

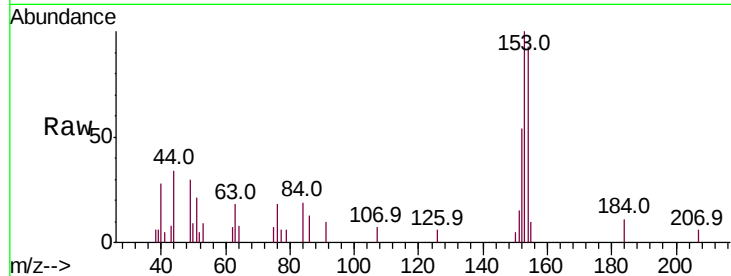




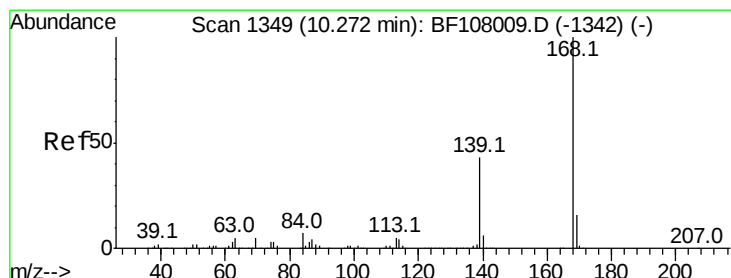
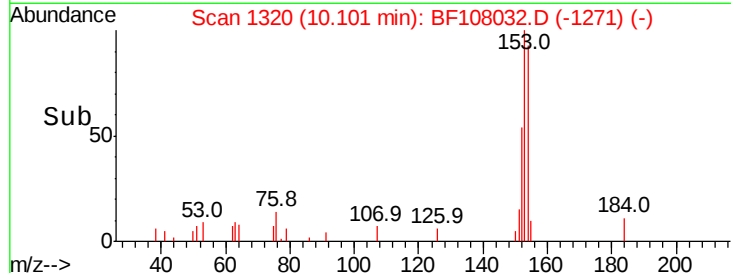
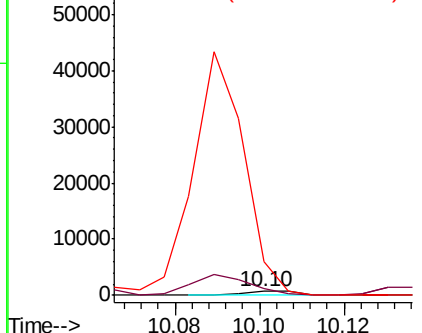
#53
2,4-Dinitrophenol
Concen: 7.192 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 598
Ion Ratio Lower Upper
184 100
63 163.5 54.2 81.2#
154 837.0 184.0 276.0#

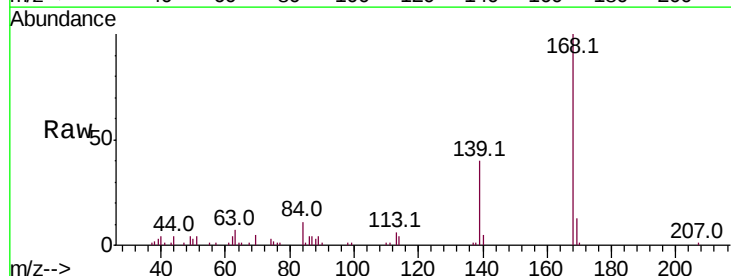


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

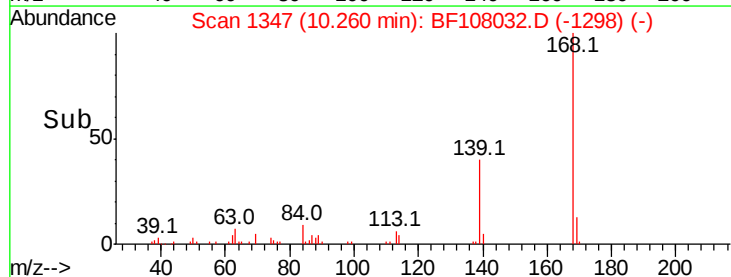
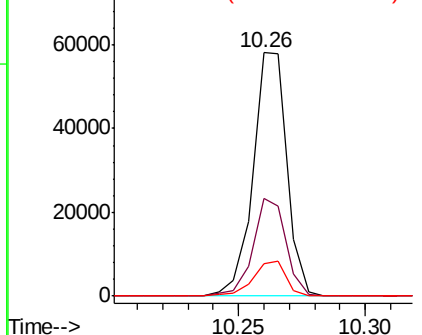


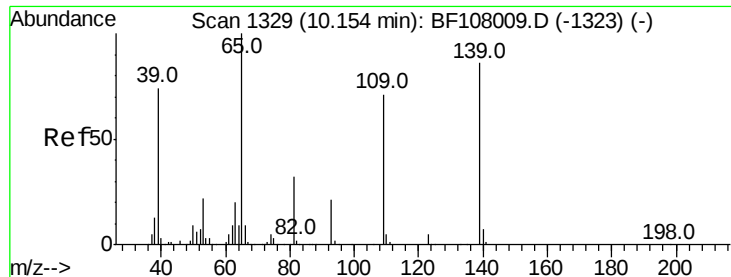
#54
Dibenzofuran
Concen: 1.135 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:168 Resp: 54175
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.4 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

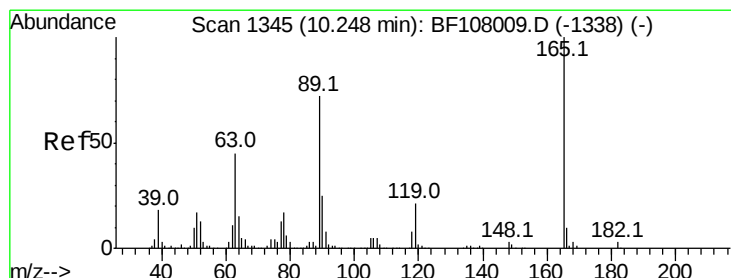
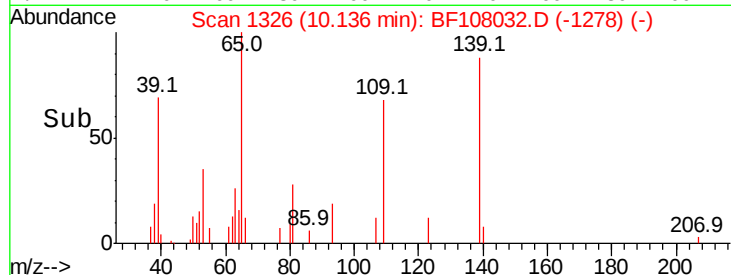
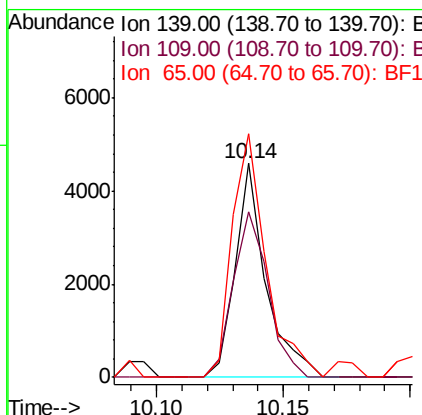
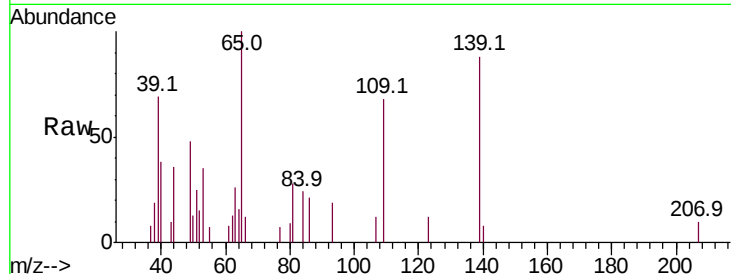




#55
4-Nitrophenol
Concen: 0.547 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

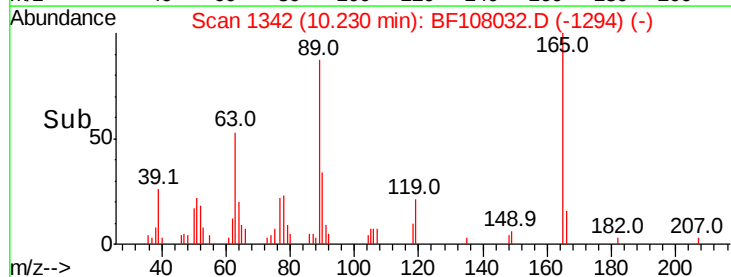
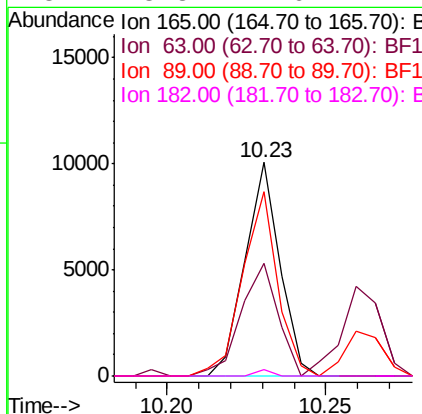
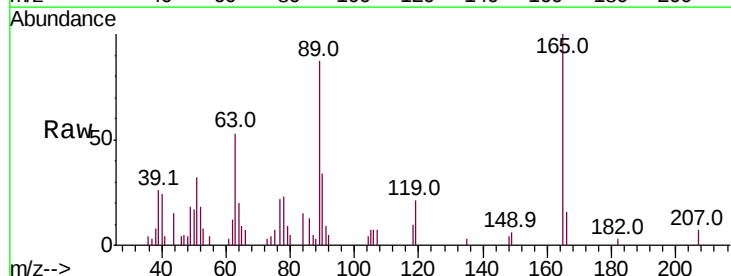
Instrument :
BNA_F
ClientSampleId :

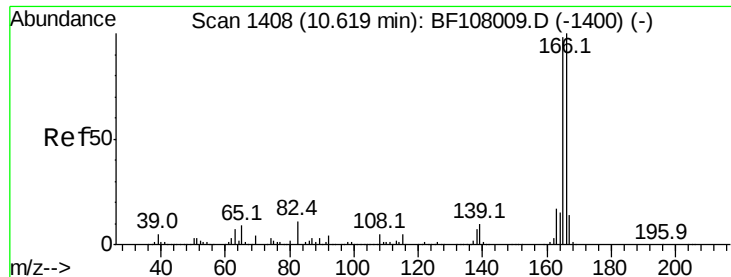
Tot Ion:139 Resp: 3855
Ion Ratio Lower Upper
139 100
109 77.5 48.4 88.4
65 114.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 0.699 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:165 Resp: 7657
Ion Ratio Lower Upper
165 100
63 52.7 36.4 54.6
89 86.5 57.8 86.6
182 3.3 1.6 2.4#

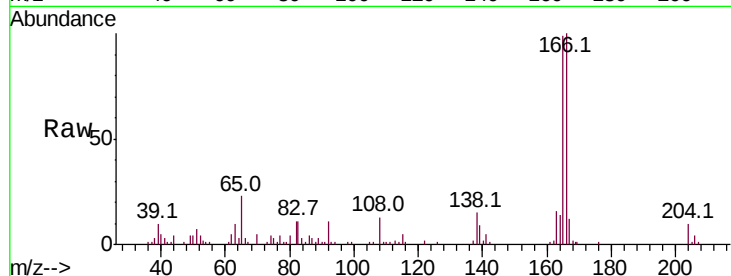




#57
 Fluorene
 Concen: 1.178 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	12.4	10.6	16.0

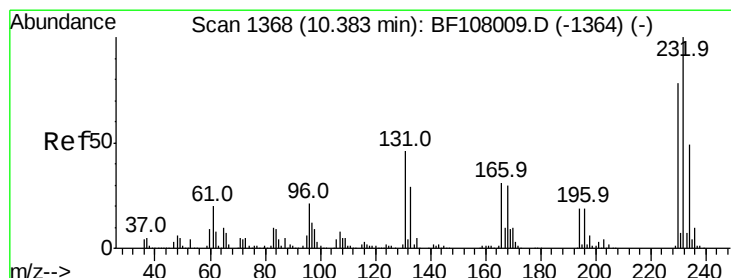
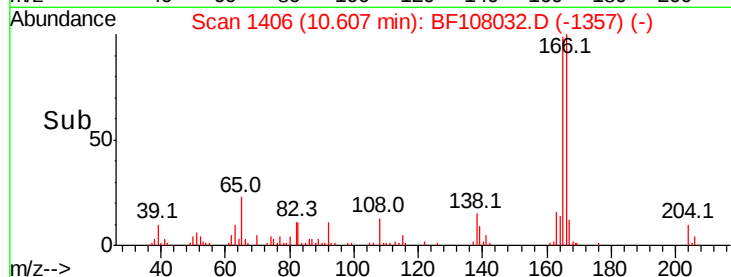
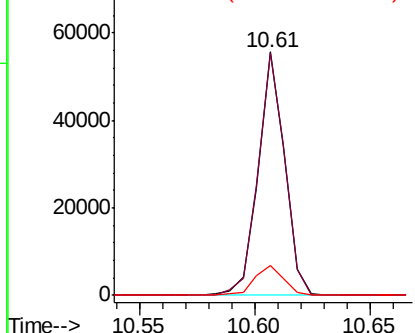


Abundance

Ion 166.00 (165.70 to 166.70): E

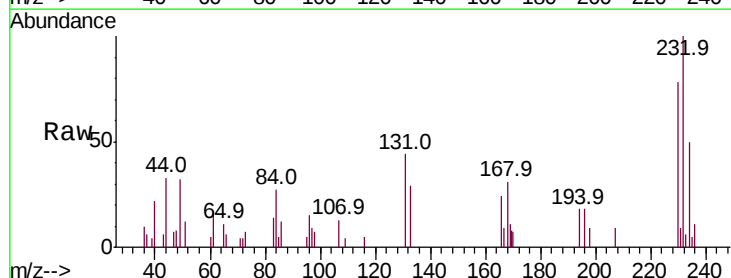
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.725 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.4	43.8	65.8
130	0.0	2.1	3.1#
166	27.7	27.8	41.6#



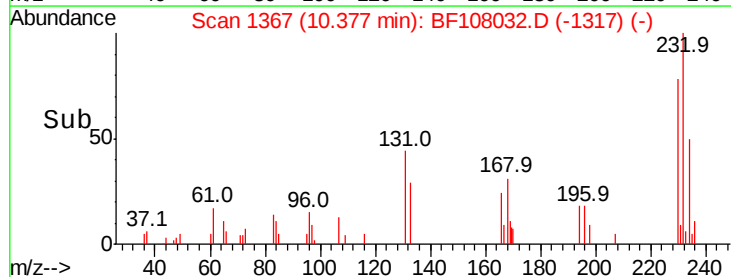
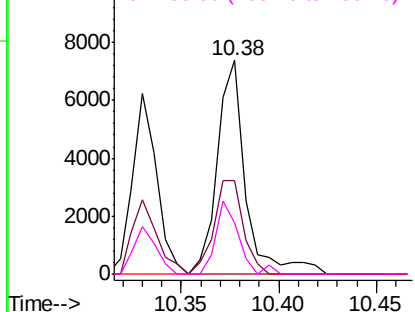
Abundance

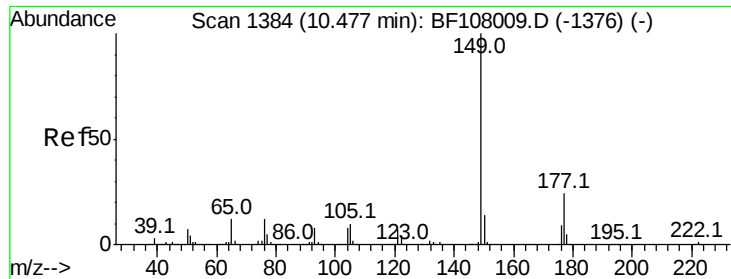
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

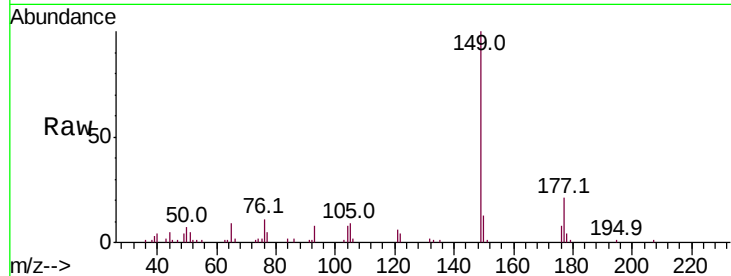




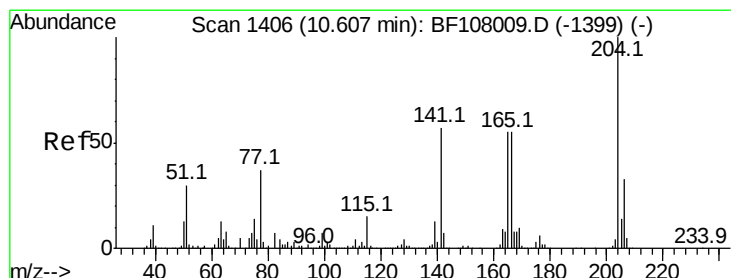
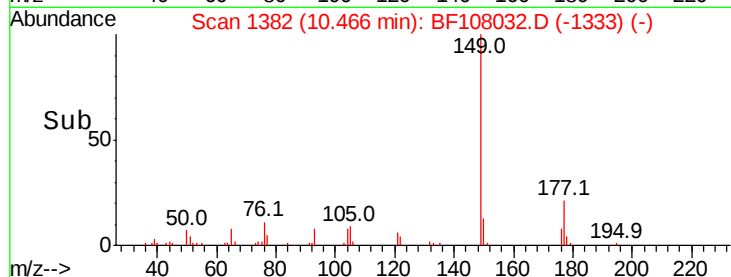
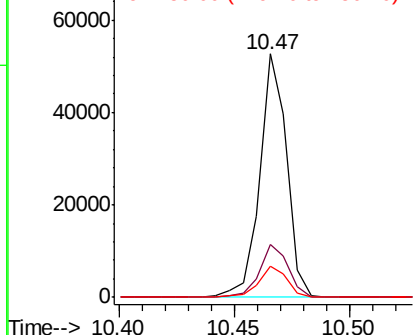
#59
Diethylphthalate
Concen: 1.088 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 42841
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.8 10.1 15.1

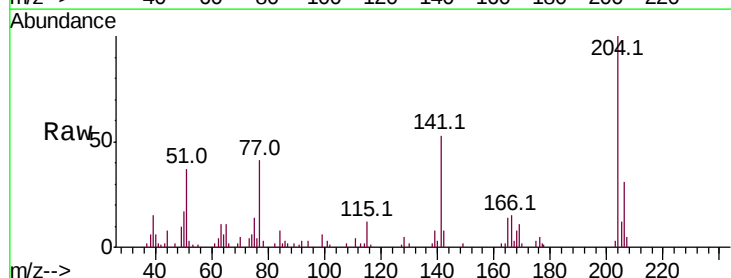


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

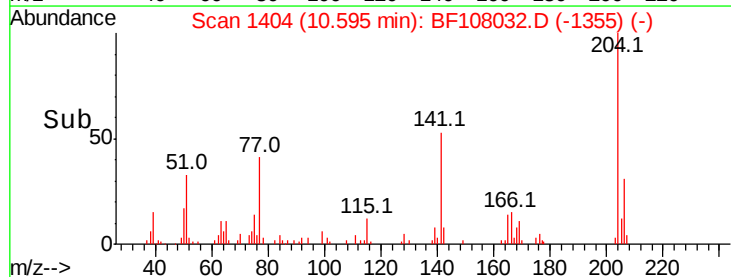
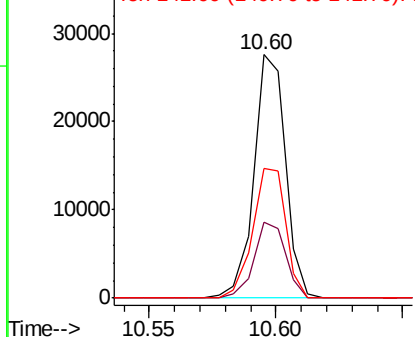


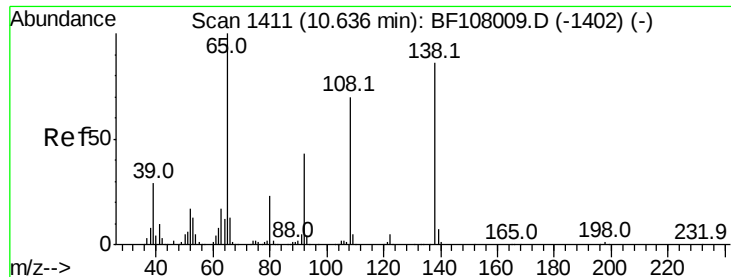
#60
4-Chlorophenyl-phenylether
Concen: 1.223 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:204 Resp: 24081
Ion Ratio Lower Upper
204 100
206 31.3 26.5 39.7
141 53.2 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

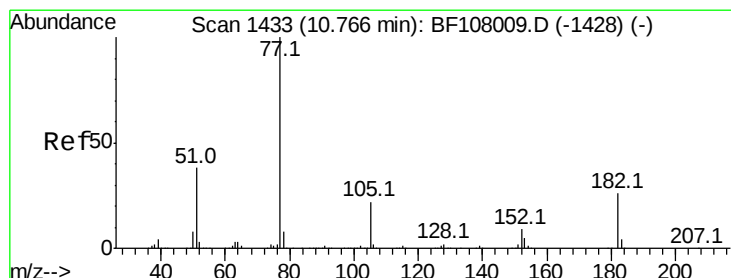
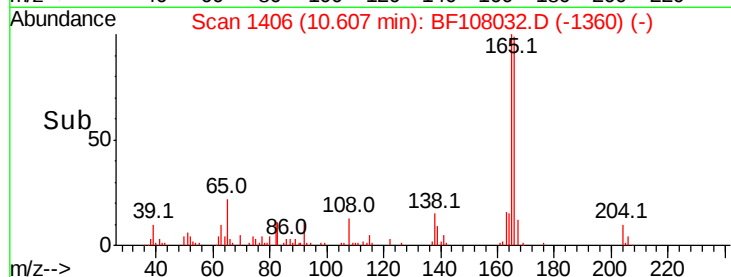
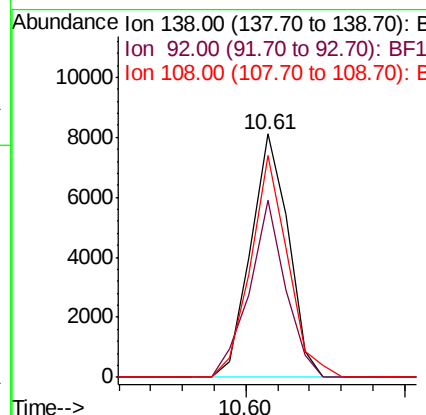
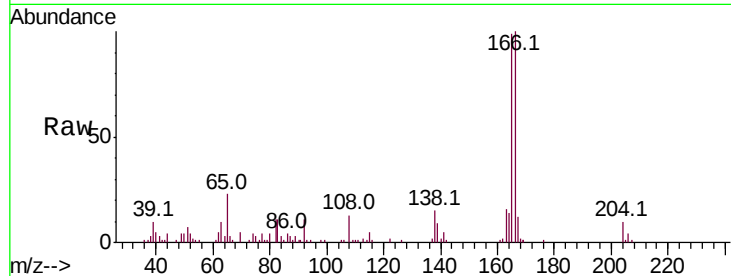




#61
4-Nitroaniline
Concen: 0.725 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

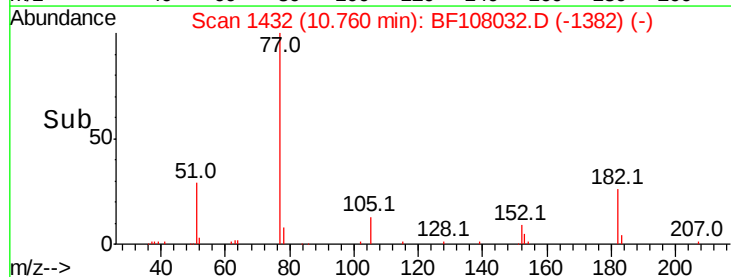
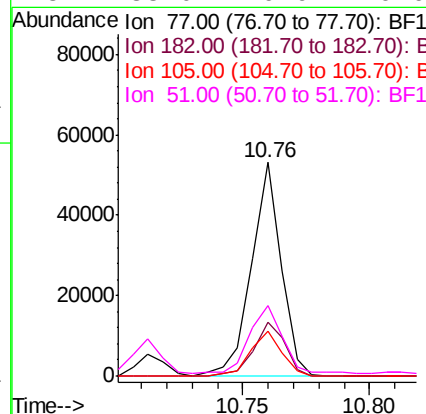
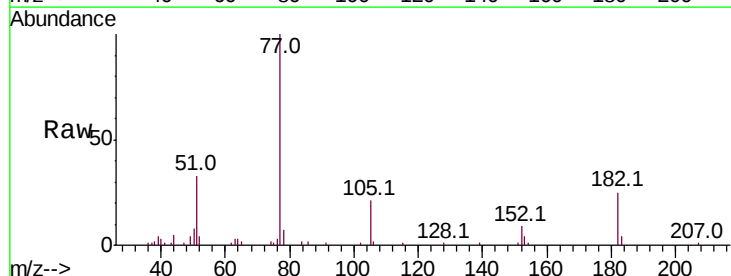
Instrument :
BNA_F
ClientSampled :

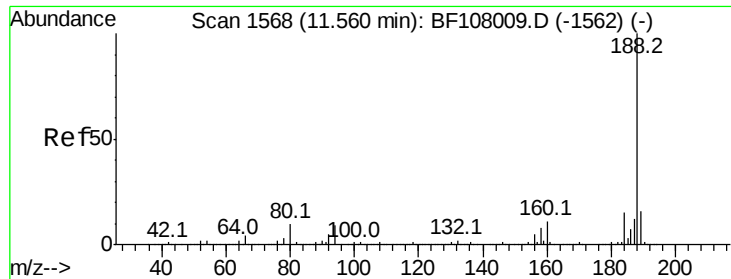
Tot Ion:138 Resp: 6669
Ion Ratio Lower Upper
138 100
92 72.9 30.2 70.2#
108 90.9 52.5 92.5



#62
Azobenzene
Concen: 1.070 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 77 Resp: 43514
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 20.7 3.0 43.0
51 33.0 9.9 49.9

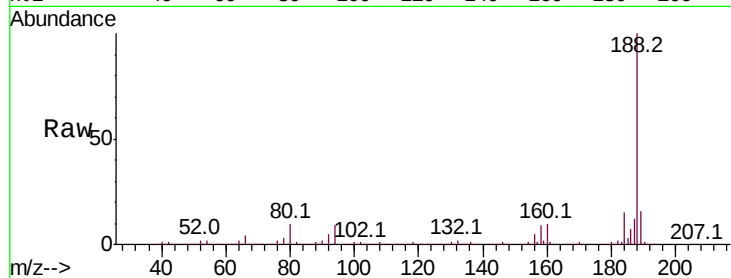




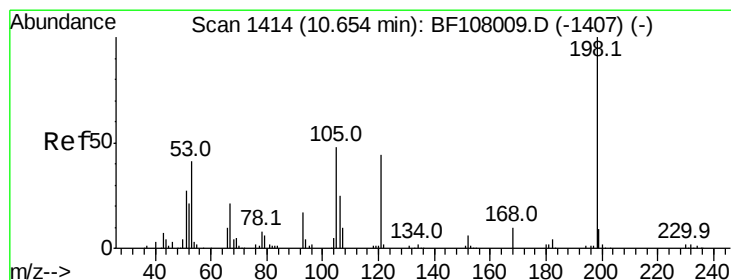
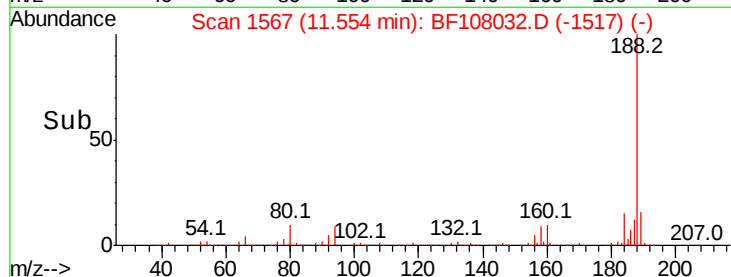
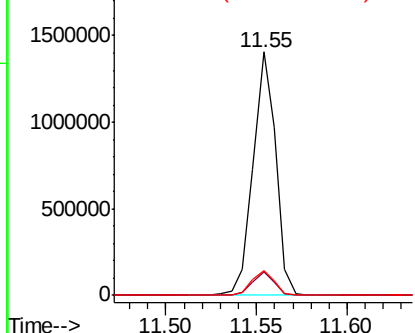
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1217753
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8

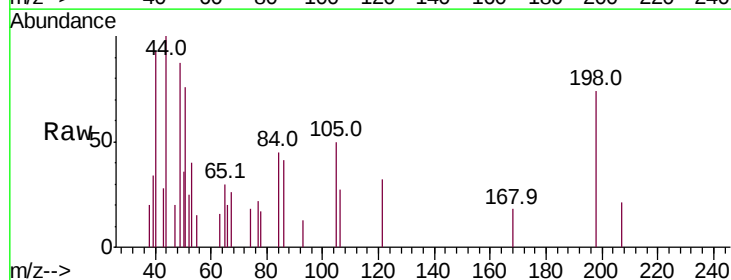


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

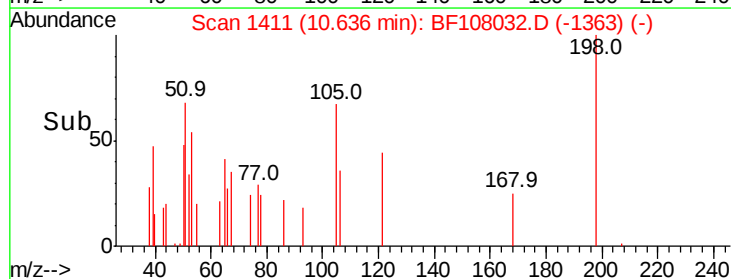
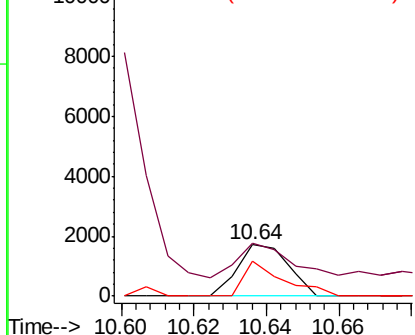


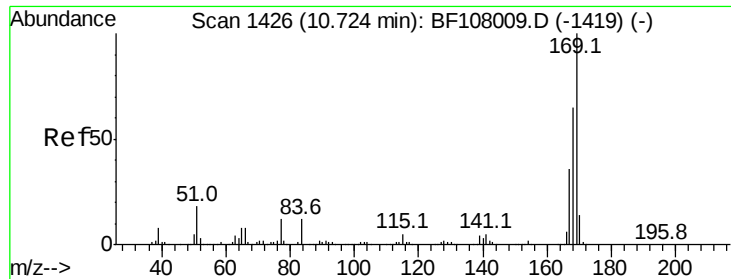
#64
4,6-Dinitro-2-methylphenol
Concen: 5.683 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:198 Resp: 1667
Ion Ratio Lower Upper
198 100
51 102.8 37.7 77.7#
105 67.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

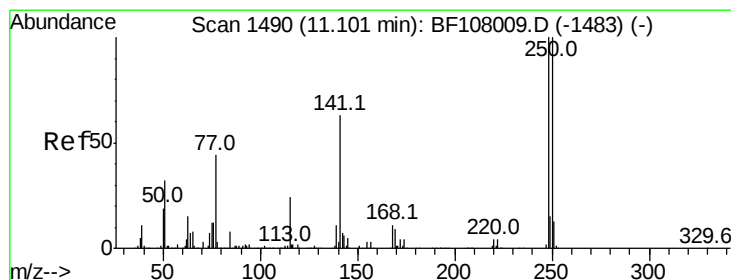
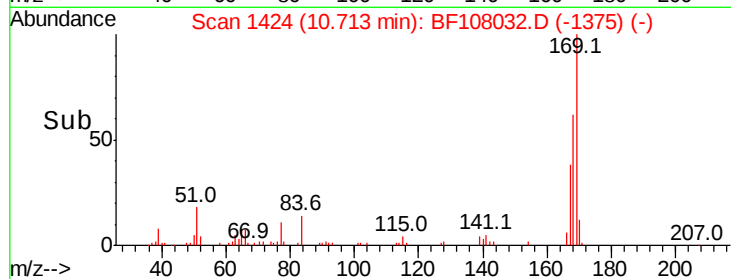
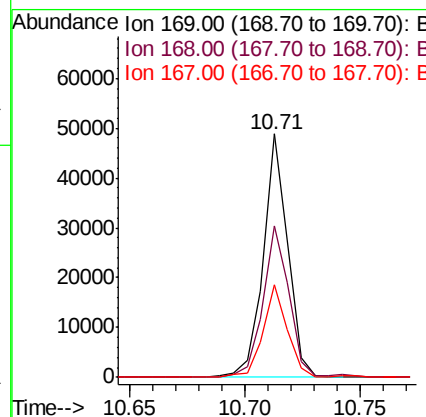
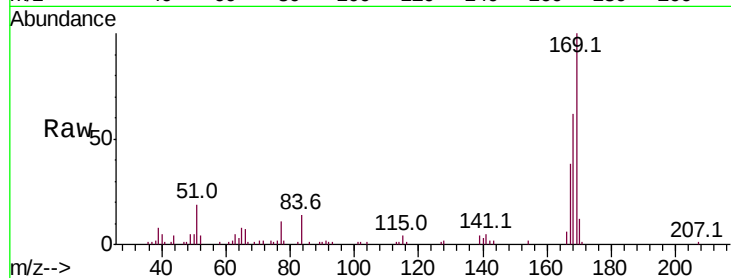




#65
 n-Nitrosodiphenylamine
 Concen: 1.008 ng
 RT: 10.71 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

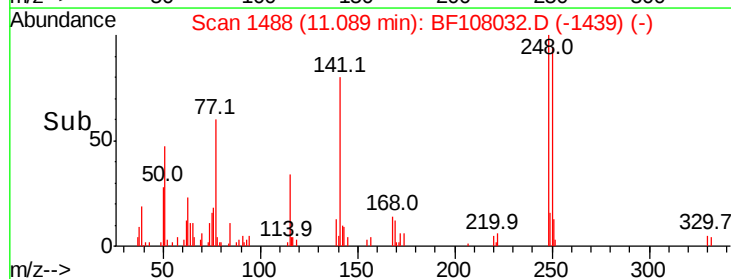
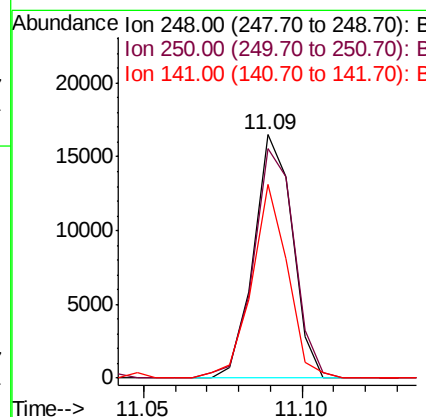
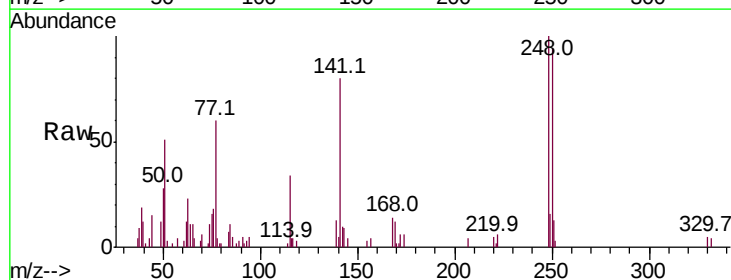
Instrument :
 BNA_F
 ClientSampleId :

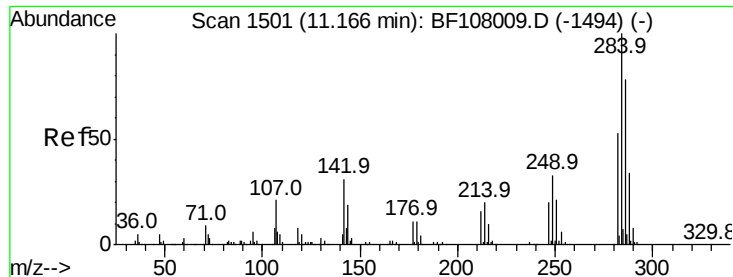
Tot Ion:169 Resp: 36261
 Ion Ratio Lower Upper
 169 100
 168 62.2 54.4 81.6
 167 37.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 1.054 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:248 Resp: 13951
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.9 115.3
 141 79.6 74.4 111.6

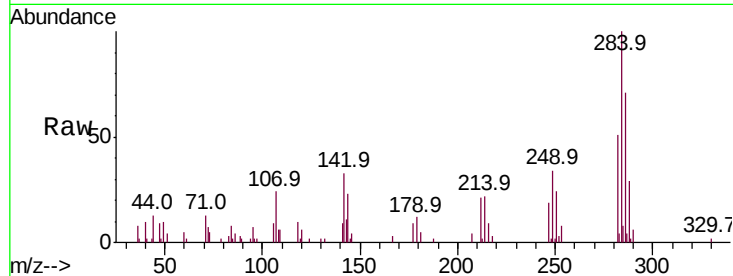




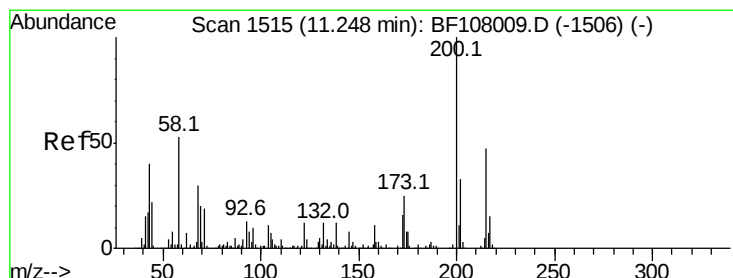
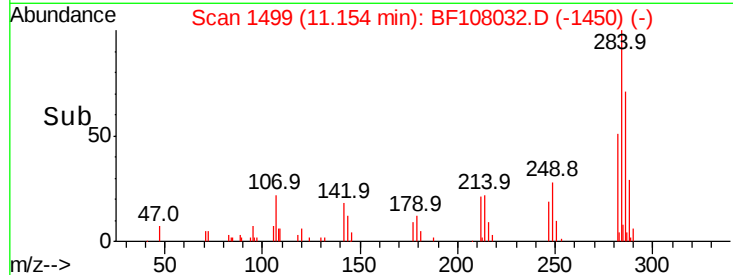
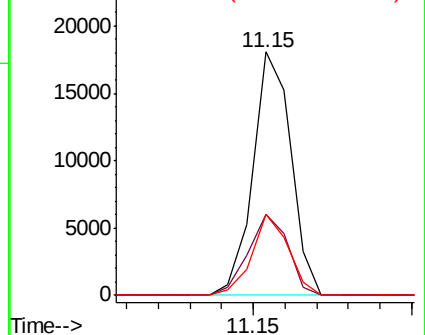
#67
Hexachlorobenzene
Concen: 1.083 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 15083
Ion Ratio Lower Upper
284 100
142 33.1 34.6 52.0#
249 33.5 24.8 37.2

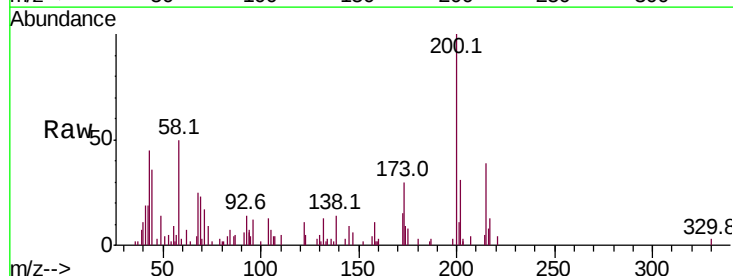


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

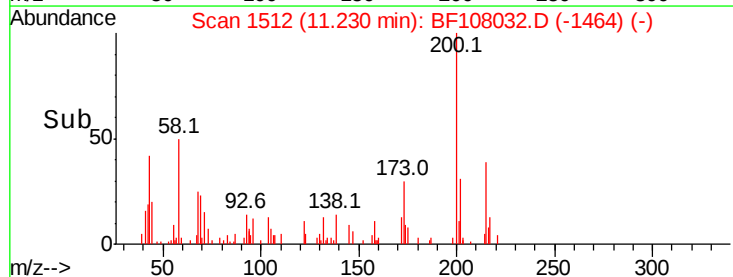
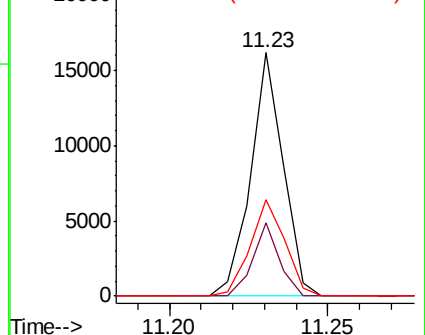


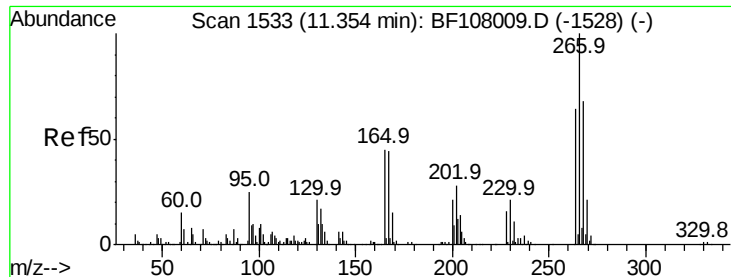
#68
Atrazine
Concen: 0.952 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:200 Resp: 11492
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 39.4 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

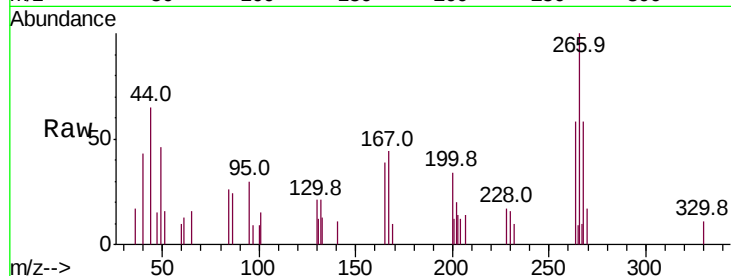




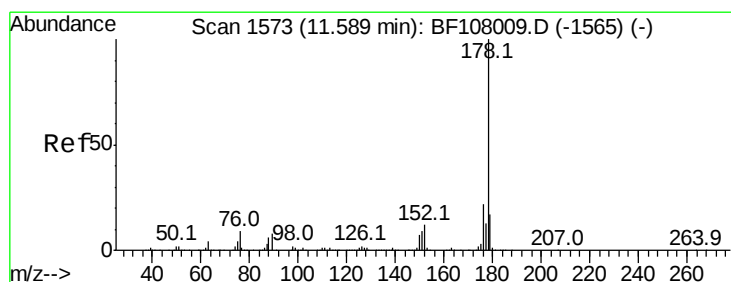
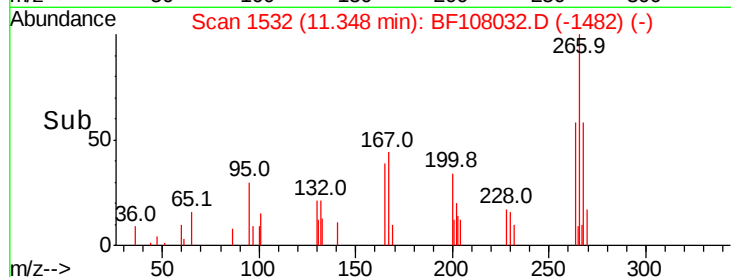
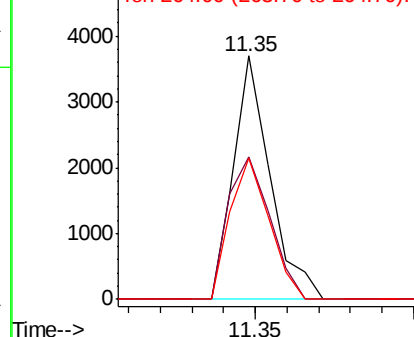
#69
 Pentachlorophenol
 Concen: 0.443 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 2954
 Ion Ratio Lower Upper
 266 100
 268 58.3 51.1 76.7
 264 58.1 49.5 74.3

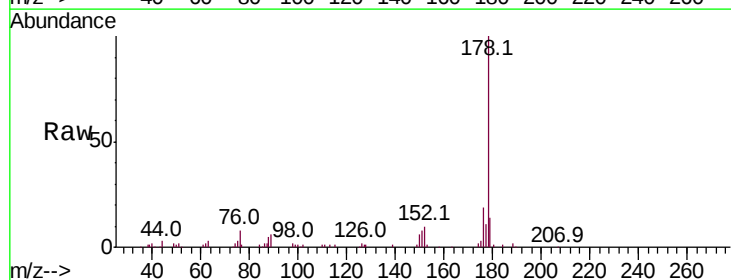


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

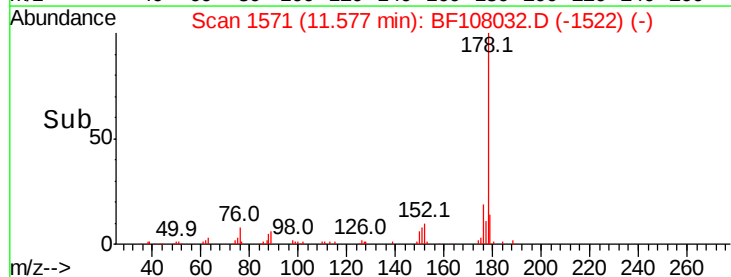
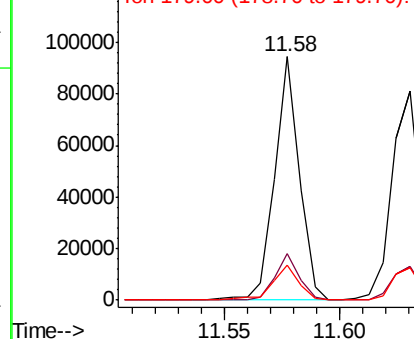


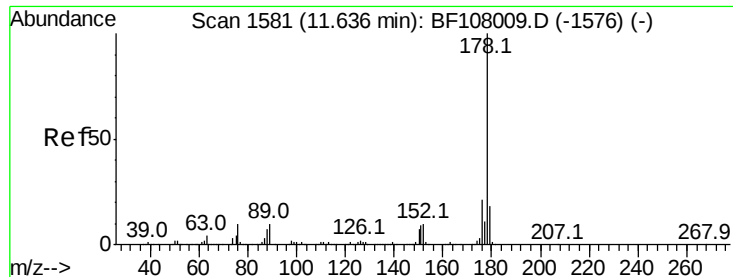
#70
 Phenanthrene
 Concen: 1.218 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:178 Resp: 69932
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.4 13.0 19.6



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





#71

Anthracene

Concen: 1.164 ng

RT: 11.63 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

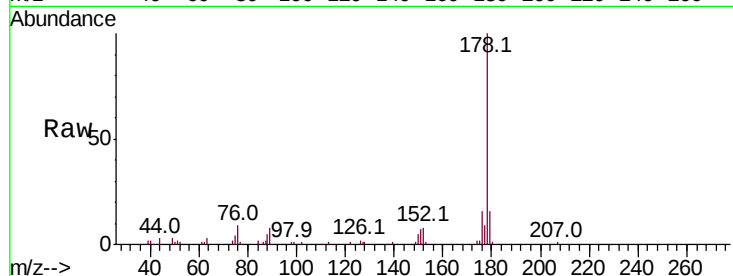
Tot Ion:178 Resp: 68494

Ion Ratio Lower Upper

178 100

176 16.4 15.4 23.2

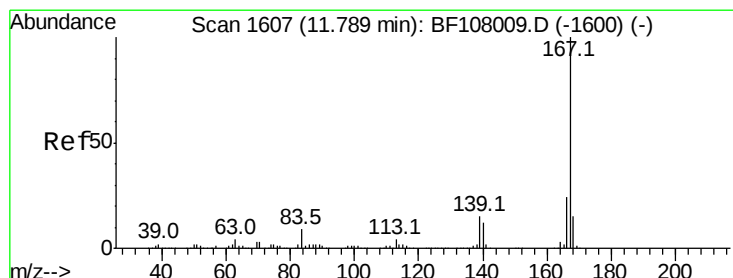
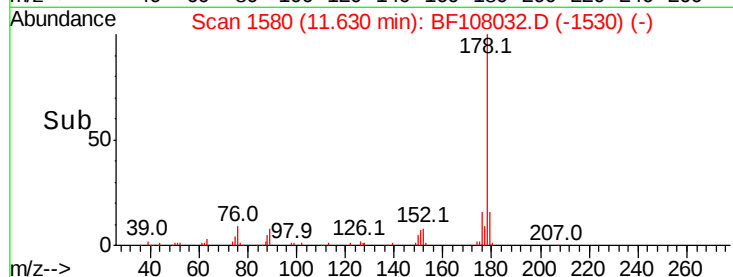
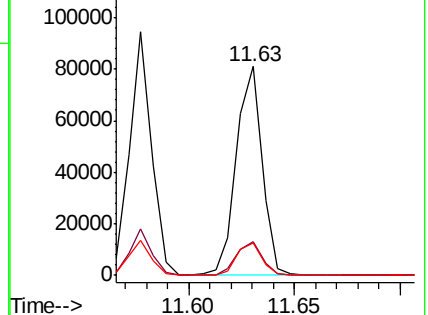
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 1.060 ng

RT: 11.78 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

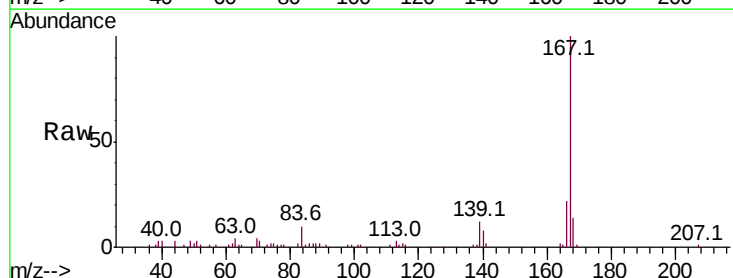
Tgt Ion:167 Resp: 55426

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

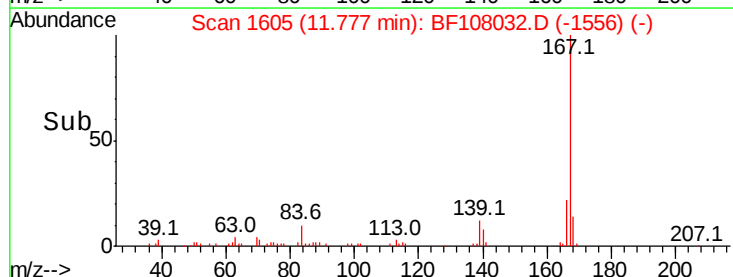
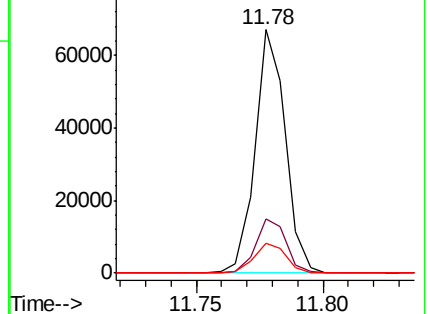
139 12.4 10.9 16.3

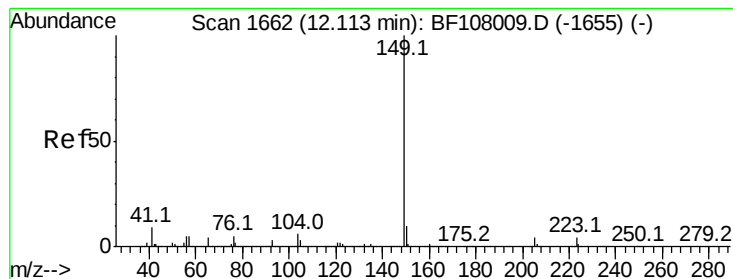


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.028 ng

RT: 12.10 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

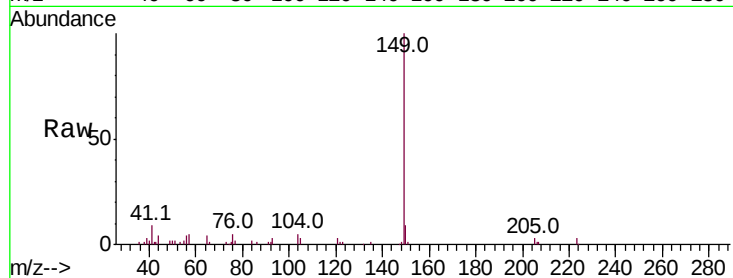
Tot Ion:149 Resp: 60923

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

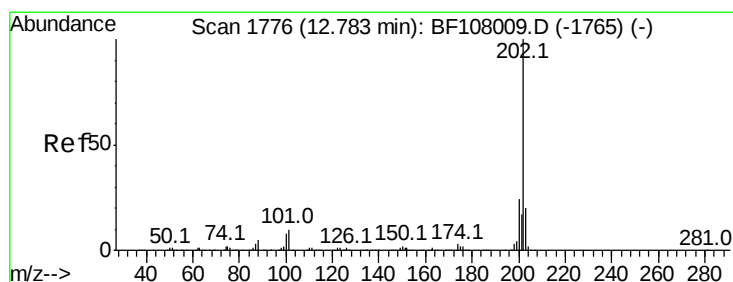
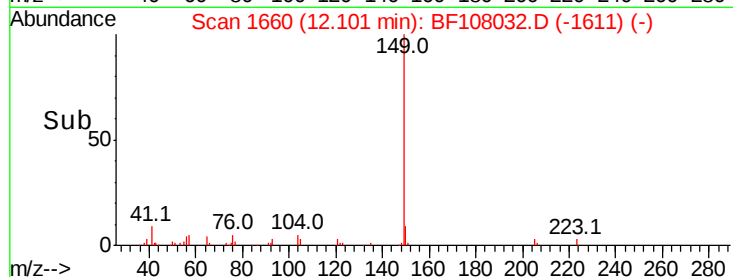
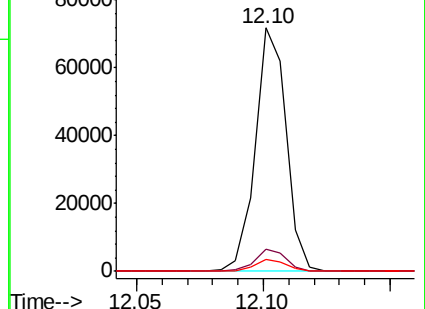
104 5.1 3.8 5.8



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: 1.135 ng

RT: 12.77 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

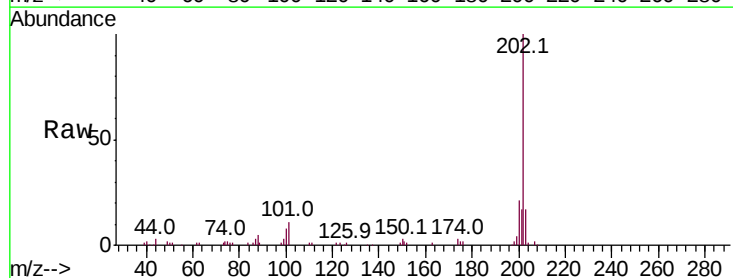
Tgt Ion:202 Resp: 71142

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

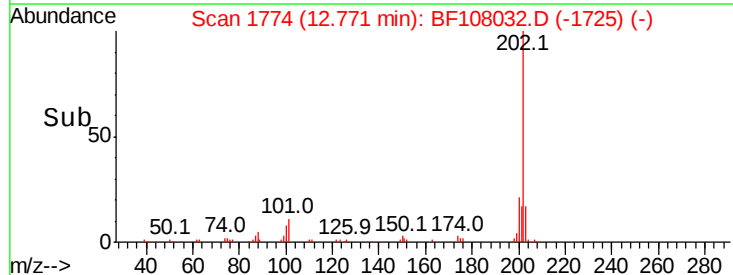
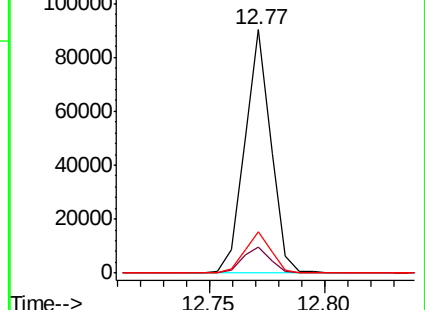
203 17.1 0.0 38.1

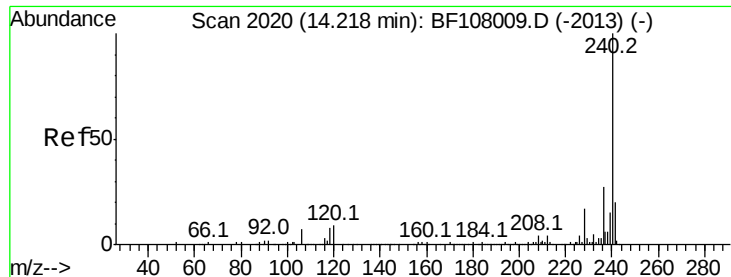


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

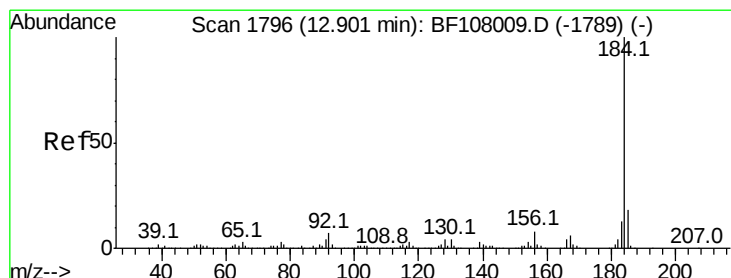
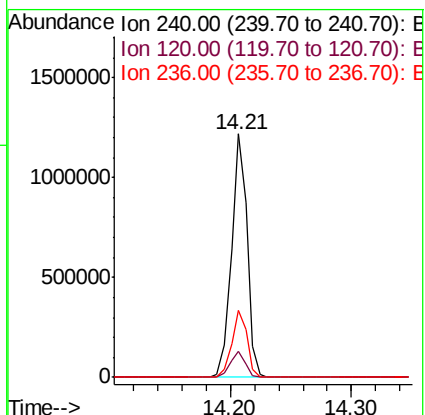
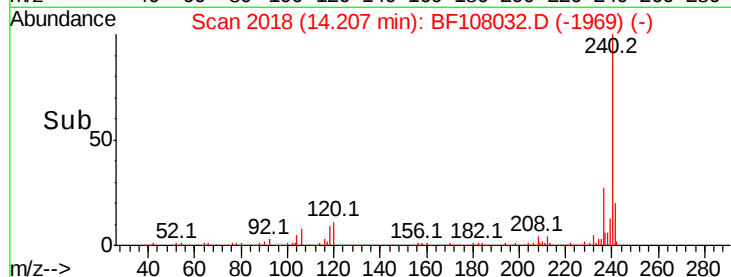
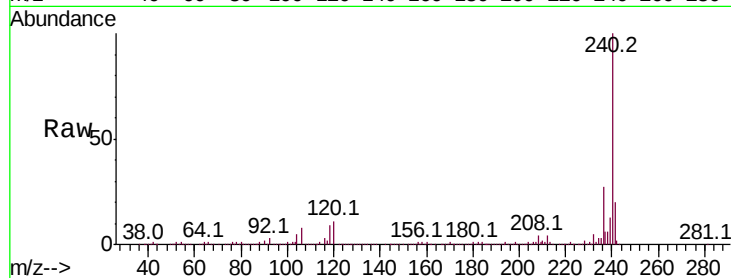
Tot Ion:240 Resp: 1091014

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

236 27.4 20.7 31.1



#76

Benzidine

Concen: 0.200 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

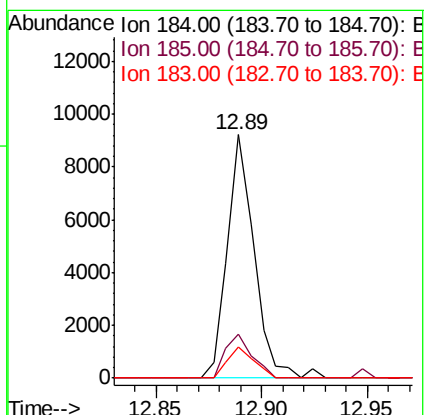
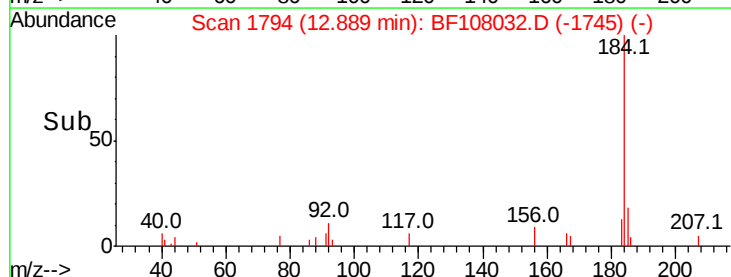
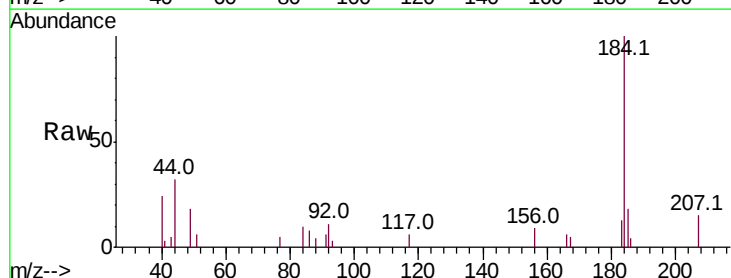
Tgt Ion:184 Resp: 8134

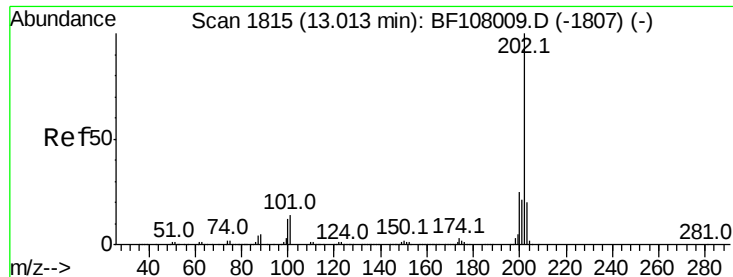
Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

183 13.0 9.3 13.9





#77

Pvrene

Concen: 1.075 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

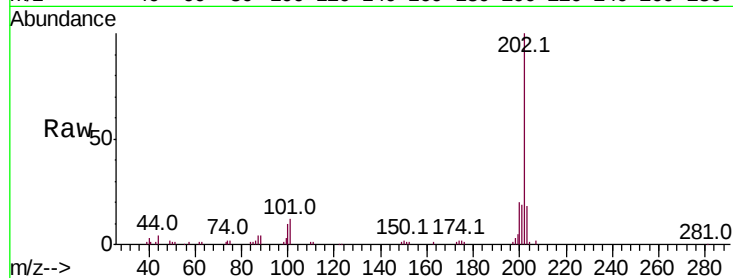
Tot Ion:202 Resp: 74241

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

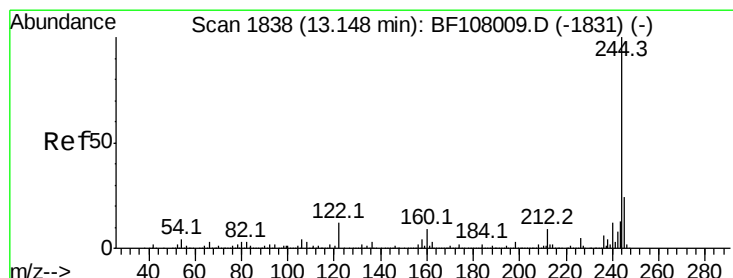
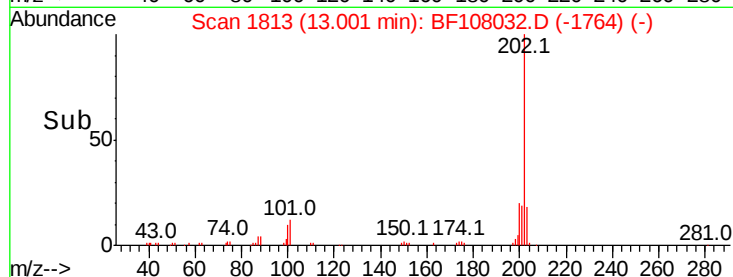
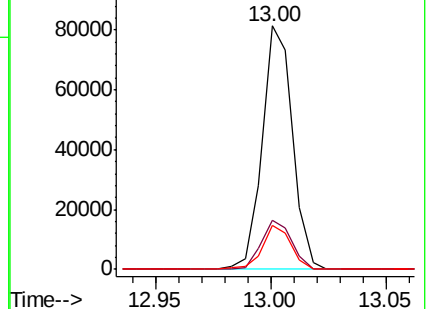
203 17.9 14.3 21.5



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: 86.140 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

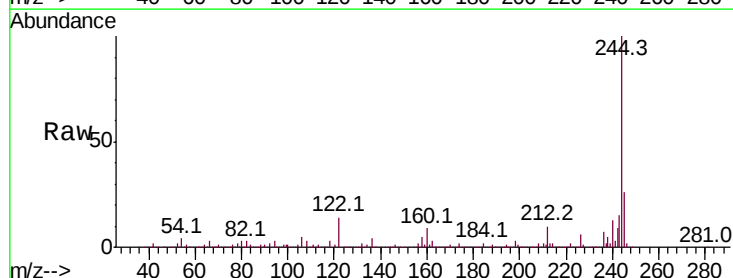
Tgt Ion:244 Resp: 3696269

Ion Ratio Lower Upper

244 100

212 9.6 5.4 8.0#

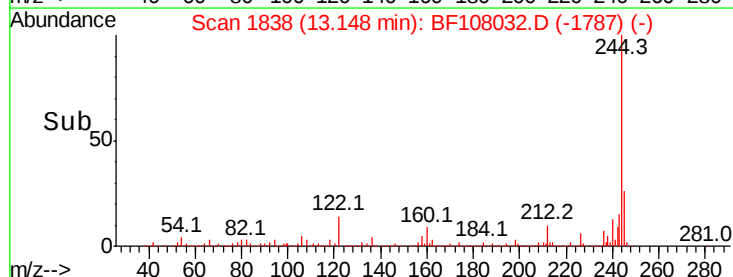
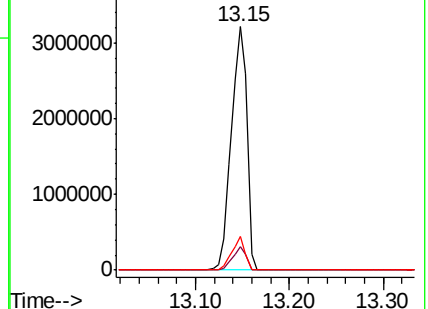
122 13.9 11.0 16.4

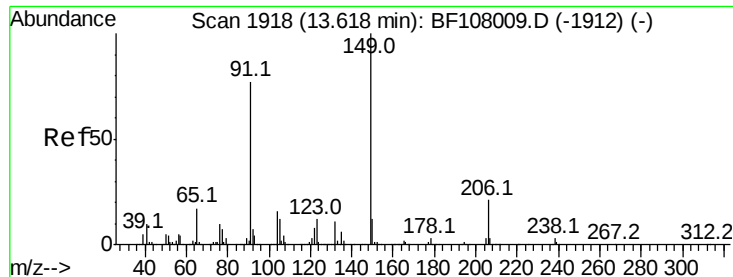


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

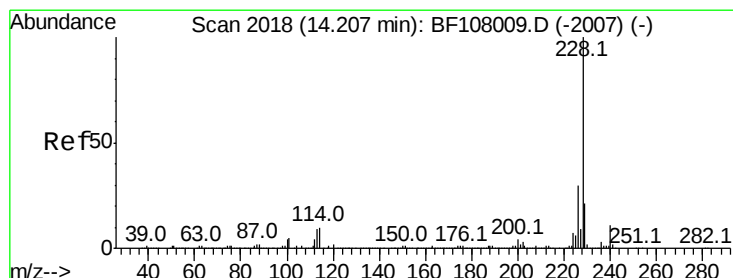
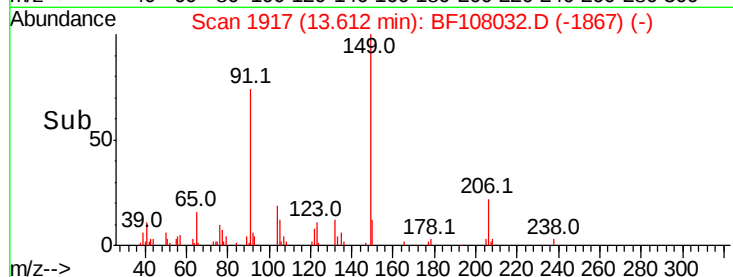
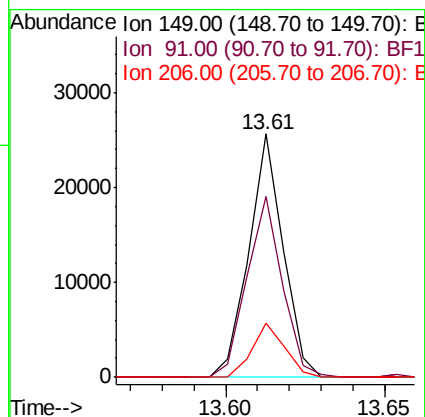
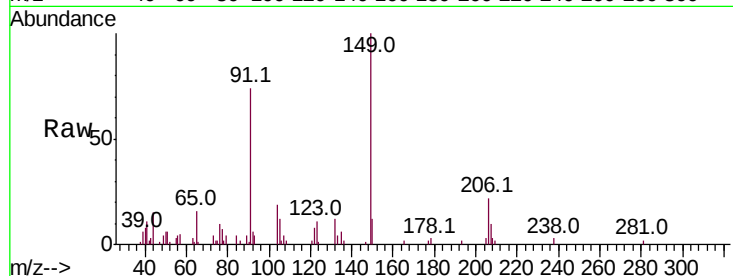




#79
Butylbenzylphthalate
Concen: 0.701 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

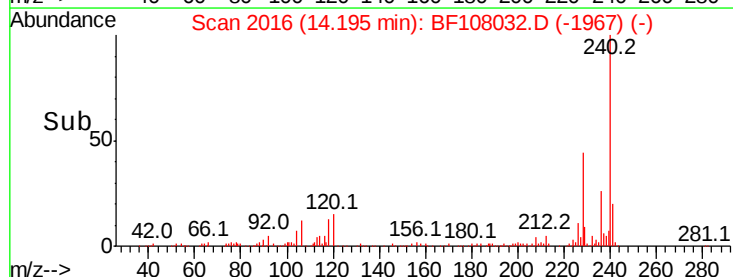
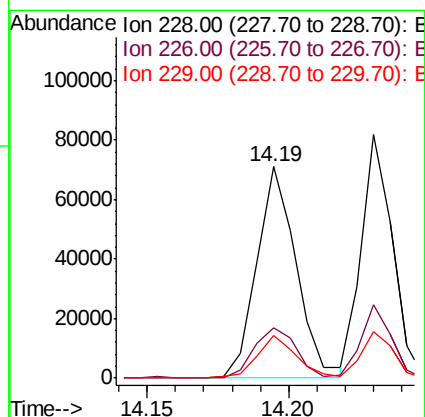
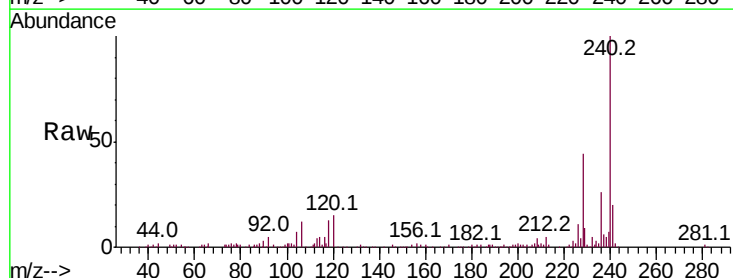
Instrument :
BNA_F
ClientSampleId :

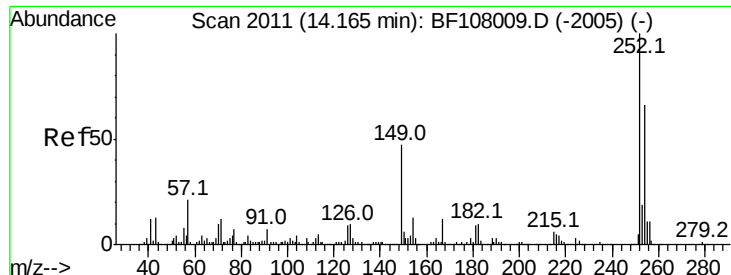
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	56.8	85.2
206	22.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 1.101 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.7	22.6	33.8
229	20.0	15.8	23.6

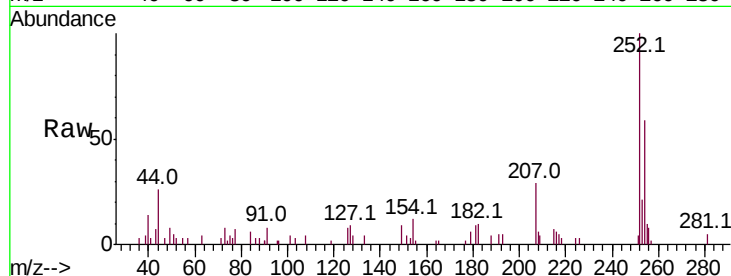




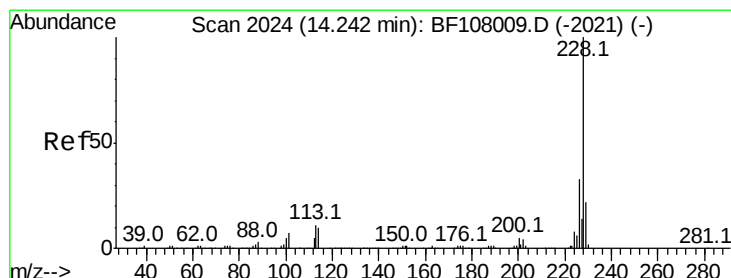
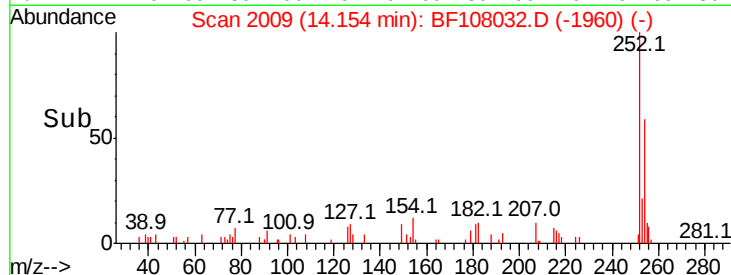
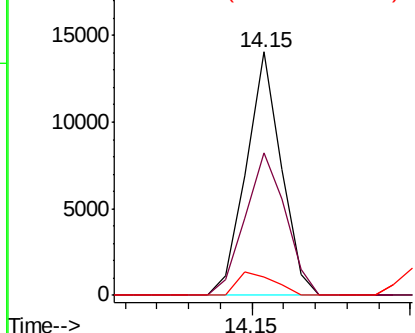
#81
 3,3'-Dichlorobenzidine
 Concen: 0.480 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 10770
 Ion Ratio Lower Upper
 252 100
 254 58.5 50.4 75.6
 126 7.5 11.3 16.9#

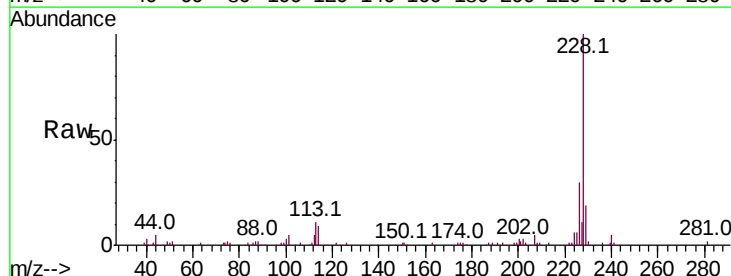


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

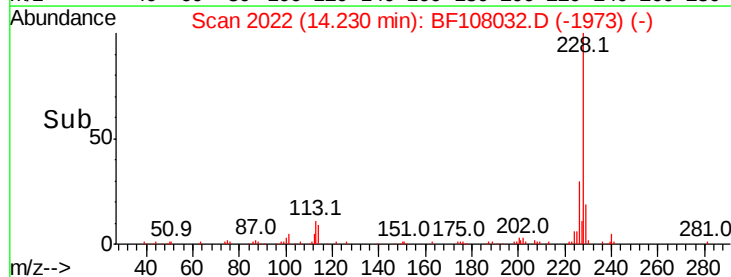
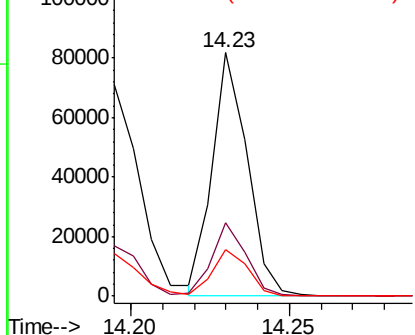


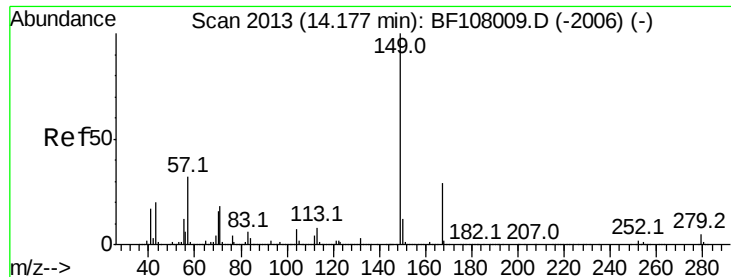
#82
 Chrysene
 Concen: 1.098 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:228 Resp: 63051
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.3 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

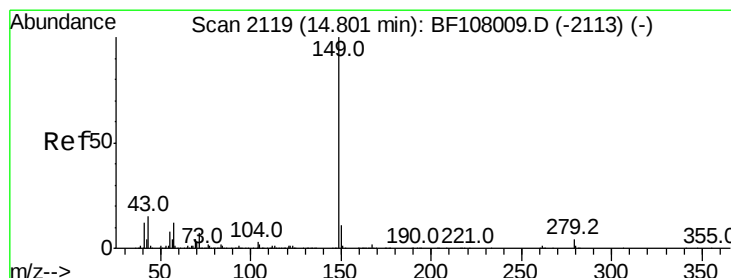
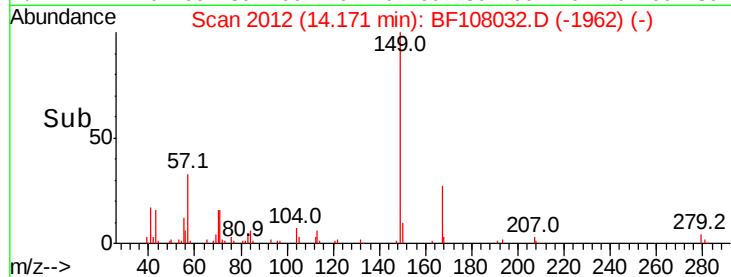
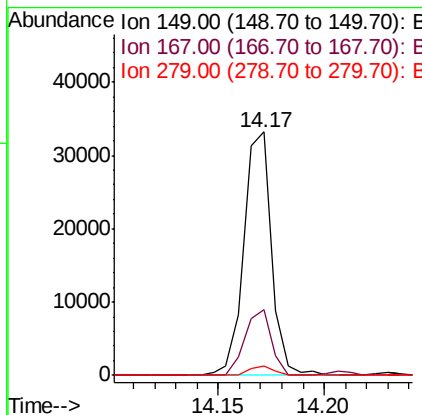
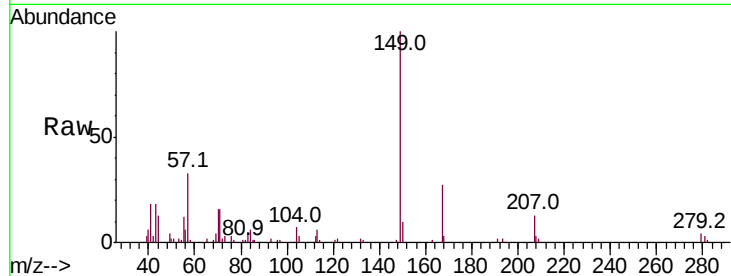




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.810 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

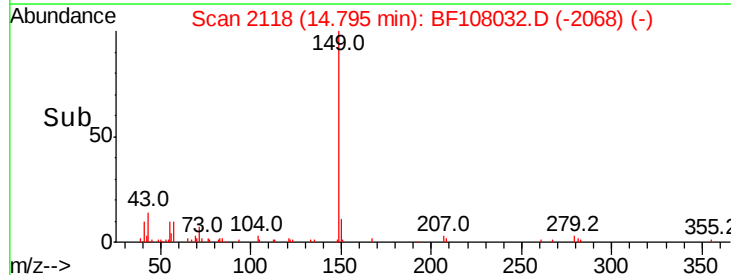
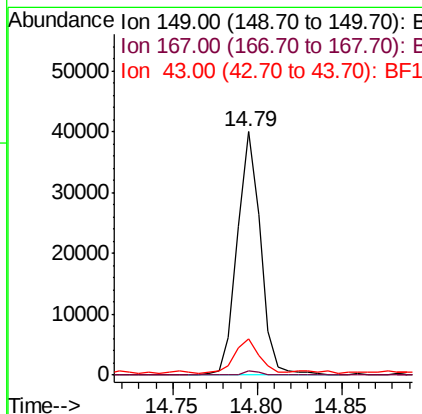
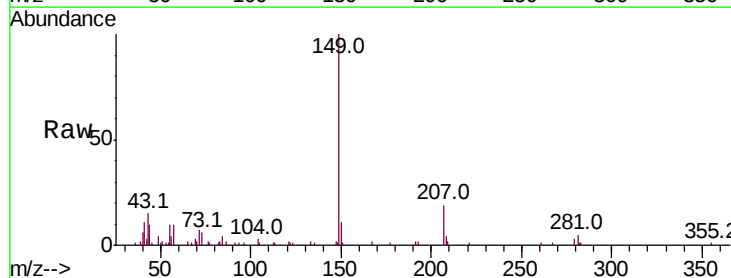
Instrument :
 BNA_F
 ClientSampleId :

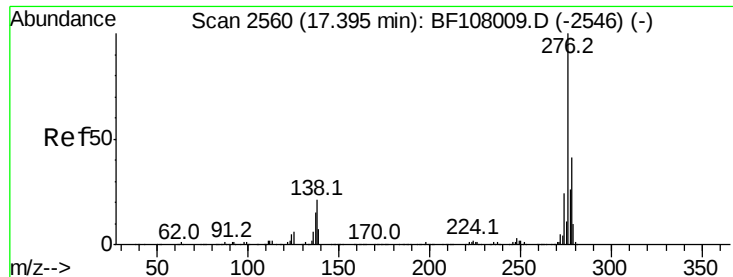
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 0.677 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.1	1.2	1.8#
43	14.3	8.4	12.6#

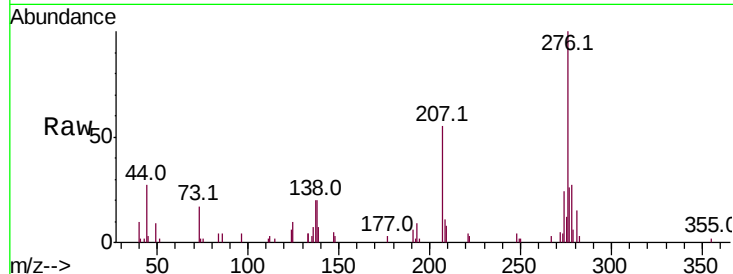




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.804 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.03 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	25.1	20.1	30.1

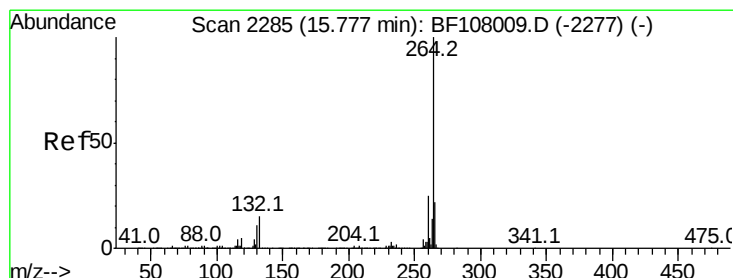
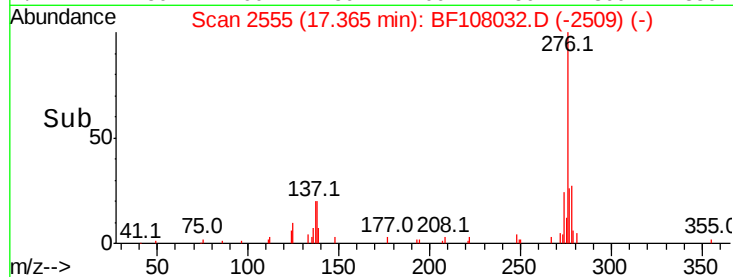
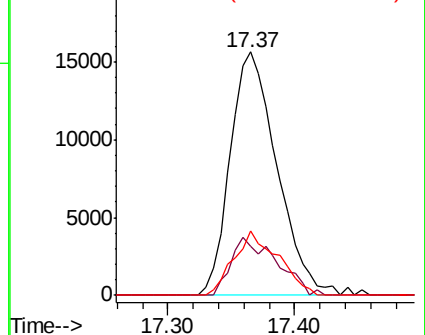


Abundance

Ion 276.00 (275.70 to 276.70): E

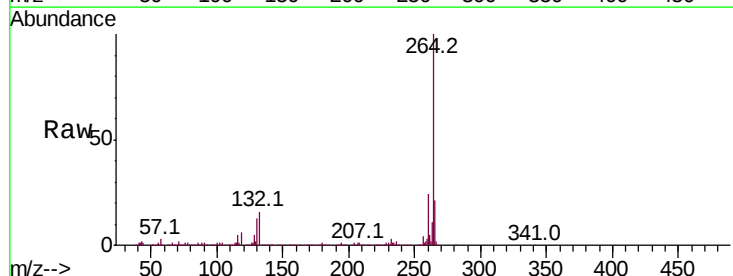
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3

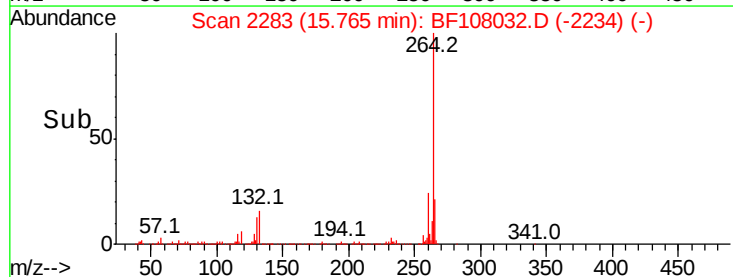
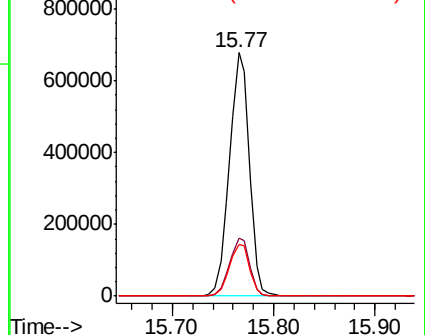


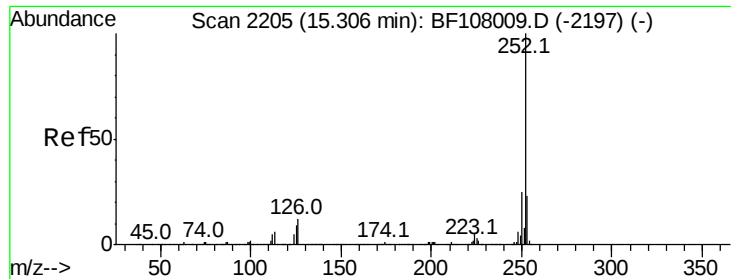
Abundance

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

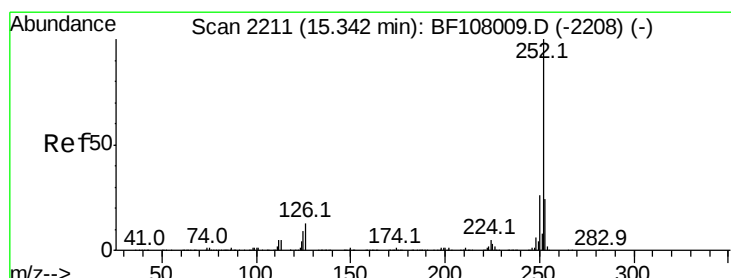
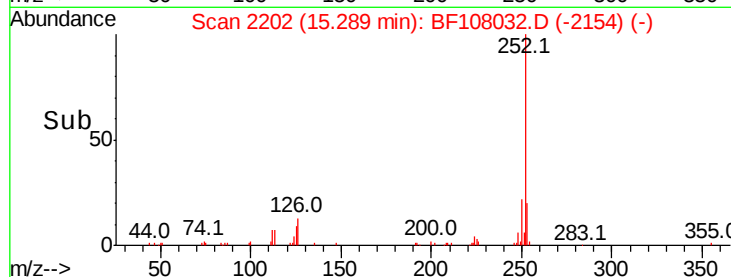
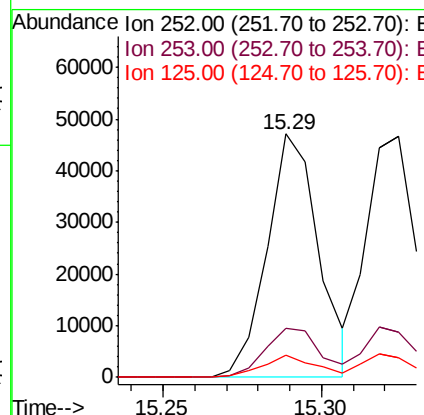
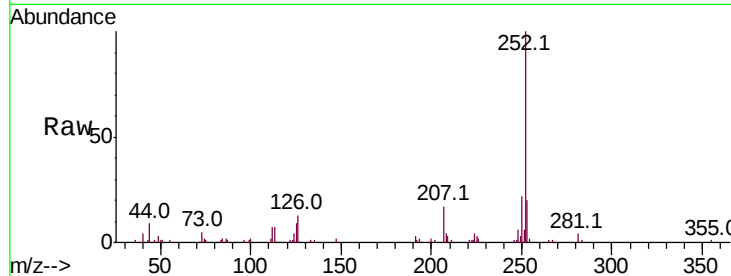




#87
Benzo(b)fluoranthene
Concen: 0.966 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

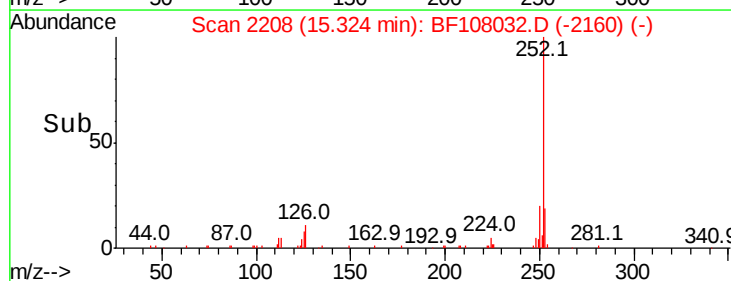
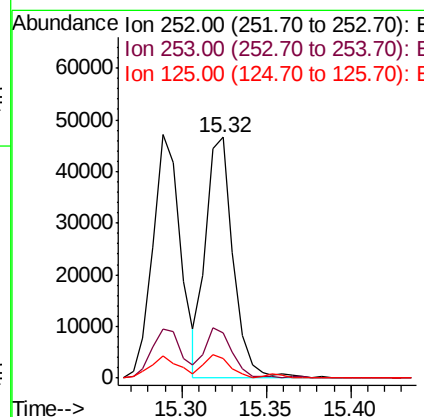
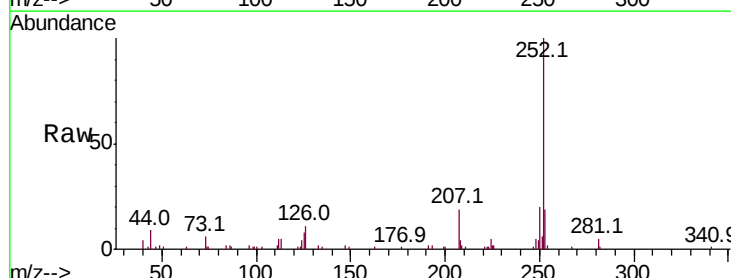
Instrument :
BNA_F
ClientSampleId :

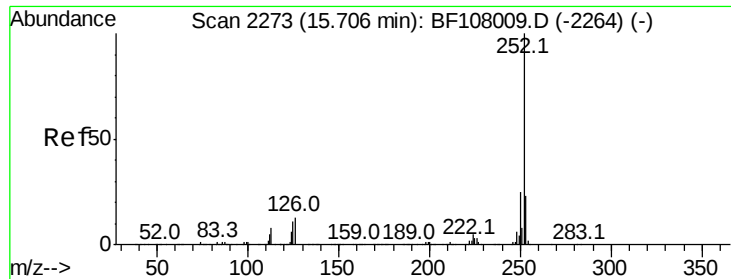
Tot Ion:252 Resp: 53577
Ion Ratio Lower Upper
252 100
253 20.4 17.0 25.6
125 9.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 1.038 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:252 Resp: 52914
Ion Ratio Lower Upper
252 100
253 19.0 17.9 26.9
125 8.1 10.2 15.2#

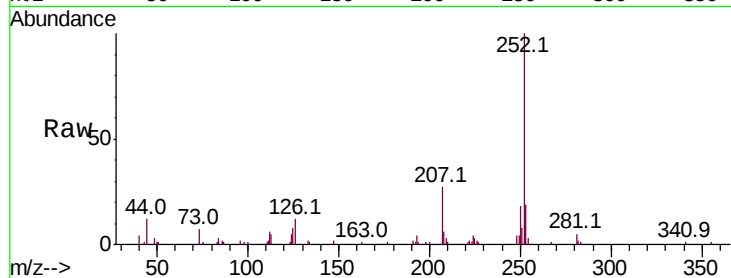




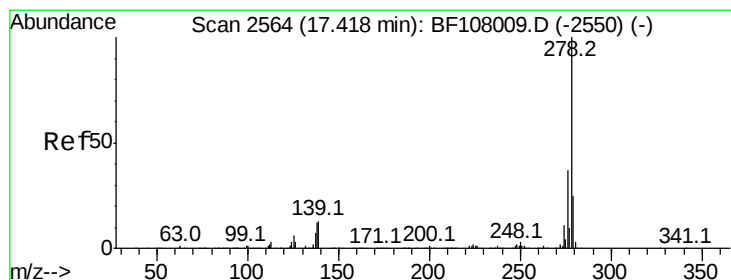
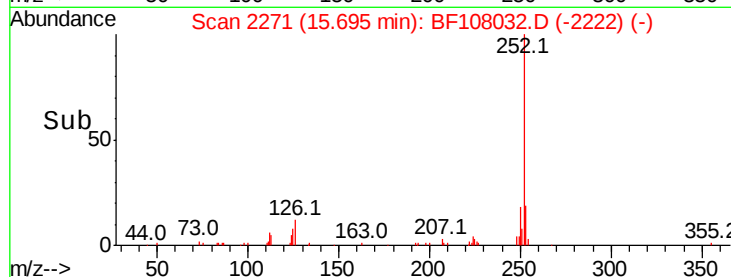
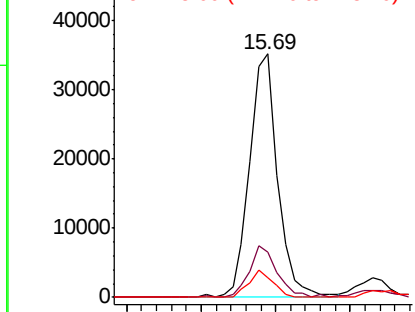
#89
Benzo(a)pyrene
Concen: 0.923 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 45835
Ion Ratio Lower Upper
252 100
253 18.7 17.1 25.7
125 8.1 9.8 14.6#

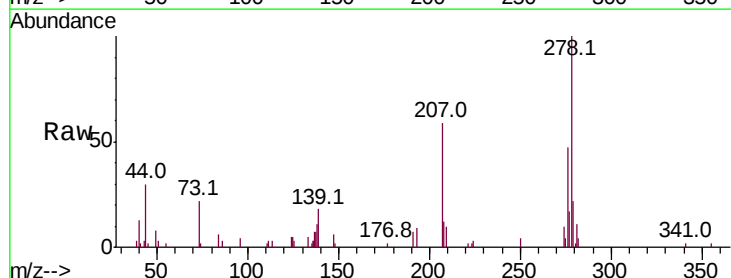


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

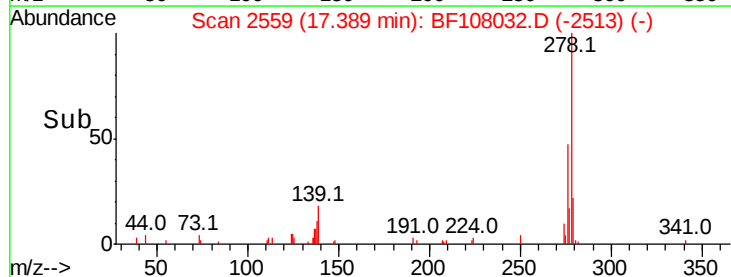
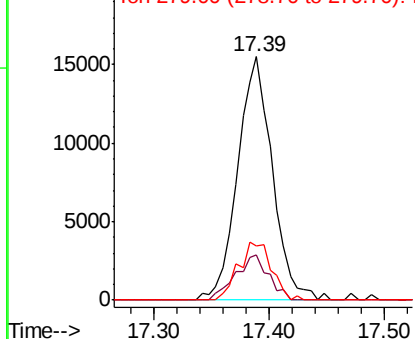


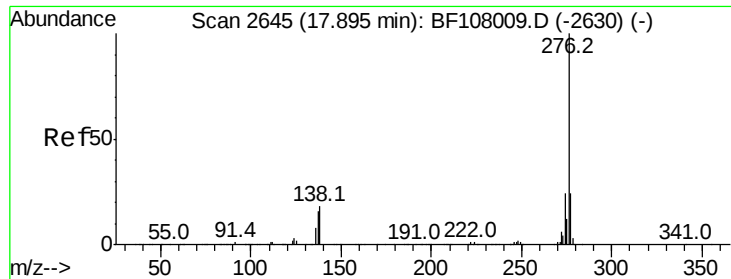
#90
Dibenzo(a,h)anthracene
Concen: 0.786 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:278 Resp: 32299
Ion Ratio Lower Upper
278 100
139 18.3 15.9 23.9
279 22.1 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: 0.795 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.04 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

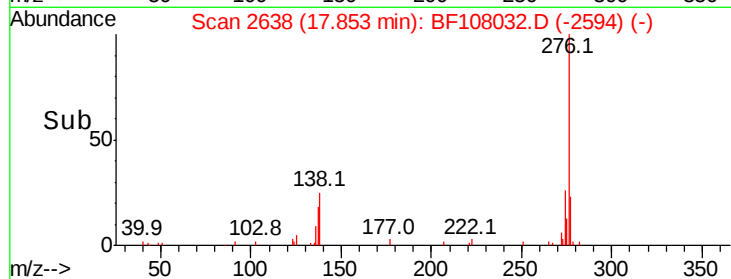
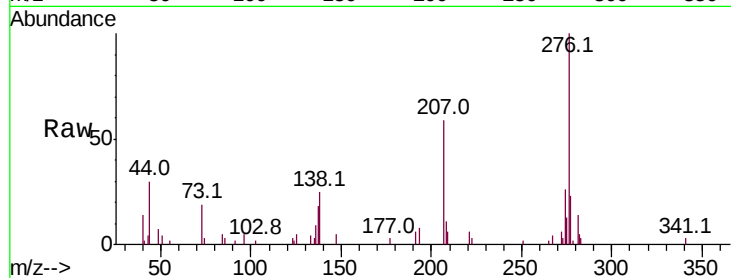
Tot Ion:276 Resp: 32176

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 25.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

