

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108034.D
 Acq On : 8 Aug 2018 21:59
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 5 PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:42:54 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	283750	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1133664	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	605558	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1246035	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1110957	20.00	ng	-0.01
86) Perylene-d12	15.77	264	960819	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1987783	126.83	ng	0.00
7) Phenol-d6	6.63	99	2624208	126.00	ng	0.00
23) Nitrobenzene-d5	7.58	82	1719666	84.65	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	837267	138.61	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3075551	81.54	ng	0.00
78) Terphenyl-d14	13.15	244	3643345	83.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	38605	4.794	ng	# 85
3) Pyridine	3.74	79	104044	5.015	ng	# 79
4) n-Nitrosodimethylamine	3.64	42	55046	4.716	ng	# 78
6) Aniline	6.68	93	94189	3.325	ng	96
8) 2-Chlorophenol	6.80	128	92347	5.232	ng	88
9) Benzaldehyde	6.57	77	75319	4.664	ng	94
10) Phenol	6.64	94	108356	5.030	ng	94
11) bis(2-Chloroethyl)ether	6.74	93	92877	5.333	ng	95
12) 1,3-Dichlorobenzene	6.95	146	110600	5.419	ng	97
13) 1,4-Dichlorobenzene	7.03	146	111965	5.460	ng	97
14) 1,2-Dichlorobenzene	7.18	146	100560	5.272	ng	98
15) Benzyl Alcohol	7.14	79	68029	3.880	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	188508	5.254	ng	94
17) 2-Methylphenol	7.24	107	77770	5.138	ng	95
18) Hexachloroethane	7.52	117	36584	5.011	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	72199	5.126	ng	# 82
20) 3+4-Methylphenols	7.40	107	103041	5.312	ng	91
22) Acetophenone	7.41	105	141362	5.333	ng	94
24) Nitrobenzene	7.59	77	110001	5.354	ng	94
25) Isophorone	7.82	82	194066	5.012	ng	95
26) 2-Nitrophenol	7.91	139	30319	3.908	ng	90
27) 2,4-Dimethylphenol	7.93	122	89873	5.229	ng	98
28) bis(2-Chloroethoxy)methane	8.03	93	120765	5.342	ng	99
29) 2,4-Dichlorophenol	8.14	162	79463	5.024	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	90499	5.190	ng	96
31) Naphthalene	8.32	128	289071	5.607	ng	98
32) Benzoic acid	7.97	122	21203	7.836	ng	94
33) 4-Chloroaniline	8.36	127	78393	3.489	ng	98
34) Hexachlorobutadiene	8.43	225	56577	5.125	ng	97
35) Caprolactam	8.69	113	23911	4.824	ng	# 73
36) 4-Chloro-3-methylphenol	8.82	107	85097	4.987	ng	98
37) 2-Methylnaphthalene	9.01	142	200163	5.487	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	100741	5.417	ng	96
40) Hexachlorocyclopentadiene	9.16	237	54200	4.512	ng	100

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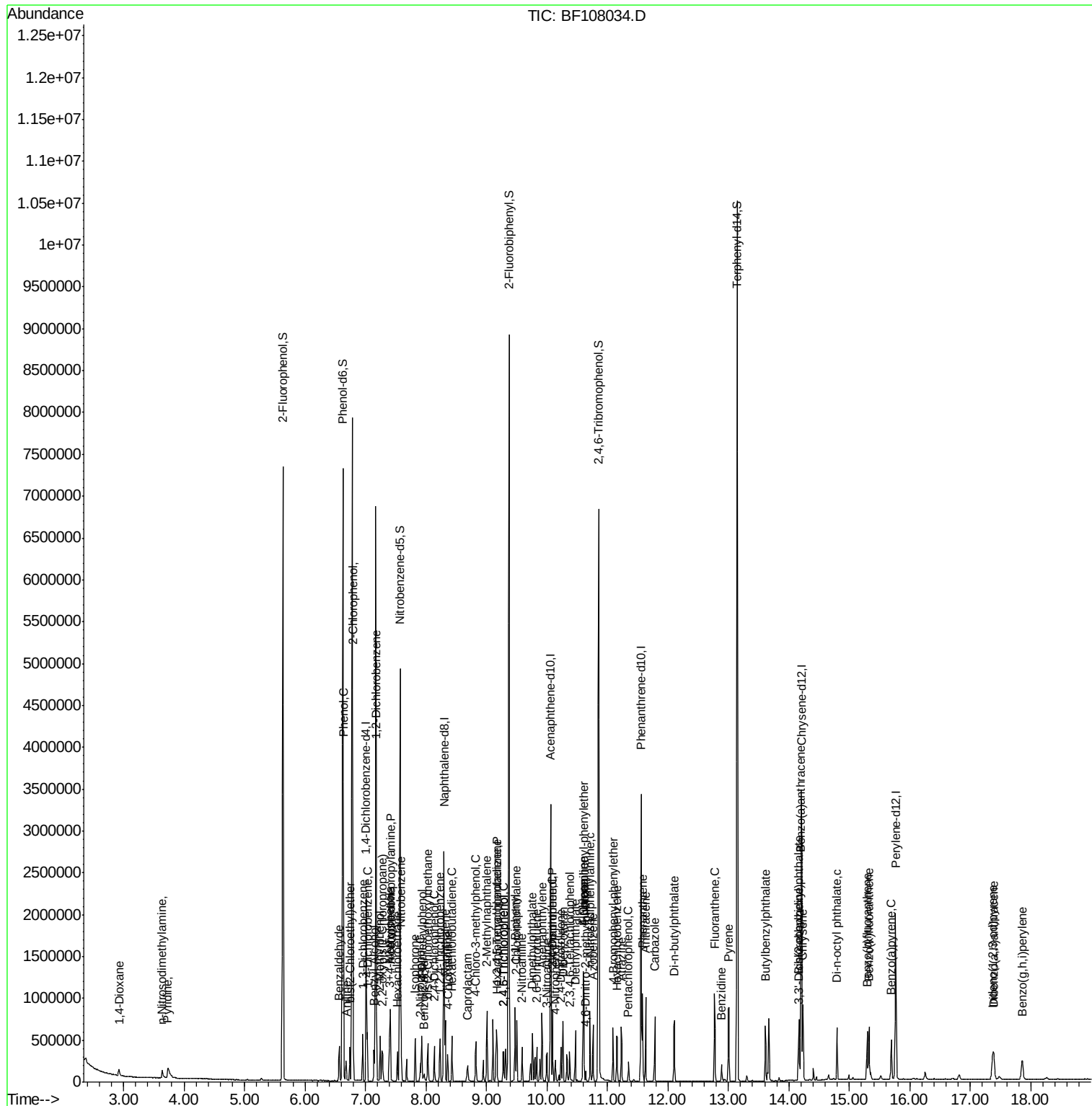
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	53111	4.602	ng	96
43) 2,4,5-Trichlorophenol	9.28	196	53111	4.181	ng	95
45) 1,1'-Biphenyl	9.47	154	251860	5.641	ng	97
46) 2-Chloronaphthalene	9.50	162	192579	5.457	ng	96
47) 2-Nitroaniline	9.59	65	55146	4.830	ng	89
48) Acenaphthylene	9.92	152	316415	5.672	ng	99
49) Dimethylphthalate	9.77	163	229630	5.444	ng	99
50) 2,6-Dinitrotoluene	9.83	165	46534	5.273	ng	97
51) Acenaphthene	10.09	154	187911	5.499	ng	98
52) 3-Nitroaniline	10.00	138	44661	4.625	ng	99
53) 2,4-Dinitrophenol	10.10	184	7098	8.981	ng #	1
54) Dibenzofuran	10.27	168	282493	5.706	ng	99
55) 4-Nitrophenol	10.14	139	30340	4.149	ng #	75
56) 2,4-Dinitrotoluene	10.23	165	54060	4.759	ng #	86
57) Fluorene	10.61	166	222409	5.675	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	50418	4.749	ng	88
59) Diethylphthalate	10.47	149	226020	5.533	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	114304	5.598	ng #	87
61) 4-Nitroaniline	10.61	138	46385	4.859	ng	96
62) Azobenzene	10.76	77	232776	5.518	ng	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	13591	7.940	ng	86
65) n-Nitrosodiphenylamine	10.71	169	202151	5.490	ng	95
66) 4-Bromophenyl-phenylether	11.09	248	70782	5.227	ng	94
67) Hexachlorobenzene	11.16	284	74988	5.263	ng #	86
68) Atrazine	11.23	200	62999	5.101	ng	98
69) Pentachlorophenol	11.35	266	23967	3.515	ng	100
70) Phenanthrene	11.58	178	346498	5.896	ng	98
71) Anthracene	11.63	178	351414	5.834	ng	99
72) Carbazole	11.78	167	309523	5.784	ng	97
73) Di-n-butylphthalate	12.11	149	345962	5.707	ng	98
74) Fluoranthene	12.77	202	381566	5.949	ng	94
76) Benzidine	12.89	184	66169	1.594	ng #	93
77) Pyrene	13.01	202	381913	5.430	ng	99
79) Butylbenzylphthalate	13.61	149	125721	4.501	ng	95
80) Benzo(a)anthracene	14.19	228	345471	5.419	ng	98
81) 3,3'-Dichlorobenzidine	14.15	252	65689	2.875	ng #	97
82) Chrysene	14.23	228	318875	5.455	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	187109	4.947	ng	99
84) Di-n-octyl phthalate	14.79	149	274810	4.764	ng	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	237646	4.692	ng #	92
87) Benzo(b)fluoranthene	15.29	252	283046	4.930	ng #	97
88) Benzo(k)fluoranthene	15.32	252	294687	5.584	ng #	96
89) Benzo(a)pyrene	15.69	252	254998	4.960	ng #	96
90) Dibenzo(a,h)anthracene	17.39	278	202366	4.757	ng #	94
91) Benzo(g,h,i)perylene	17.86	276	196396	4.689	ng #	92

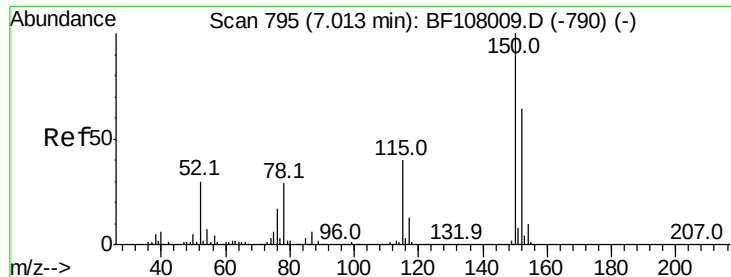
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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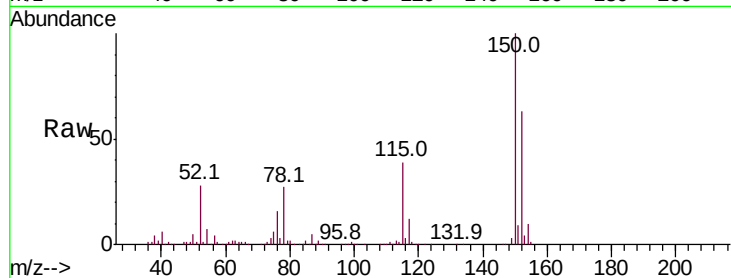


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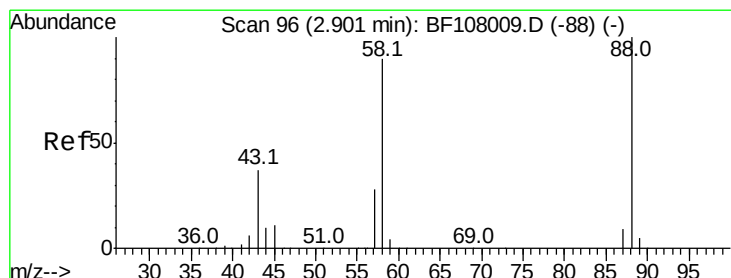
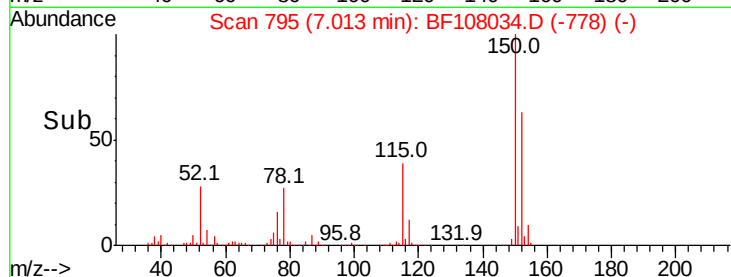
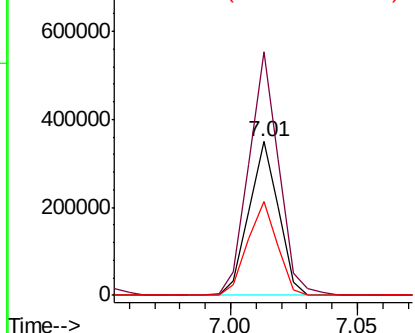
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 283750
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.3 50.1 75.1



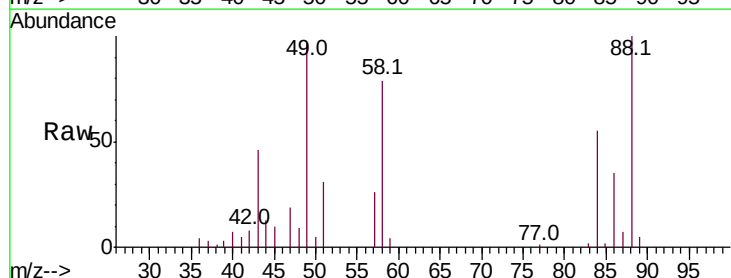
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



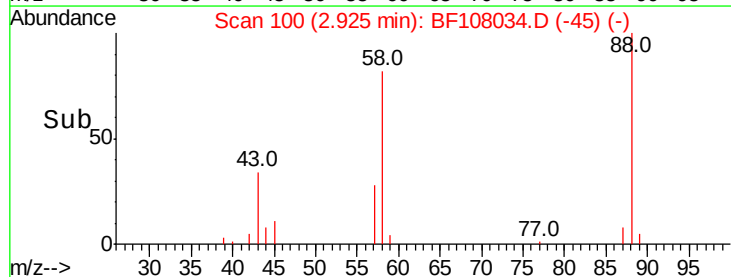
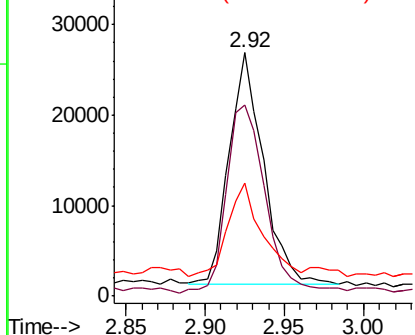
#2

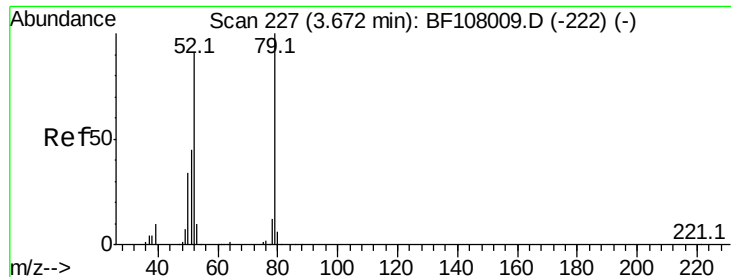
1,4-Dioxane
Concen: 4.794 ng
RT: 2.92 min Scan# 100
Delta R.T. 0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion: 88 Resp: 38605
Ion Ratio Lower Upper
88 100
58 91.1 62.6 93.8
43 39.1 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

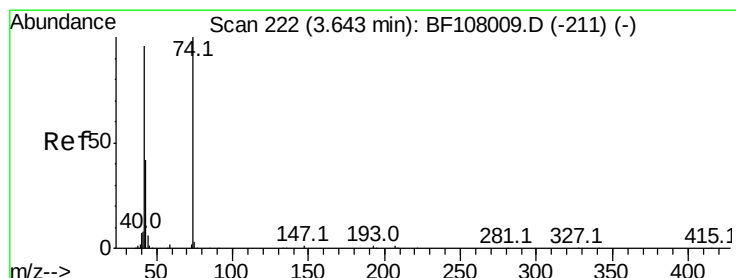
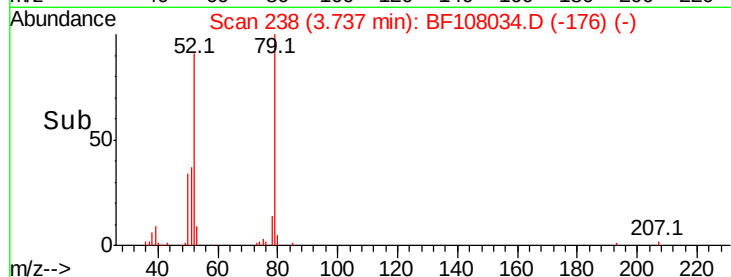
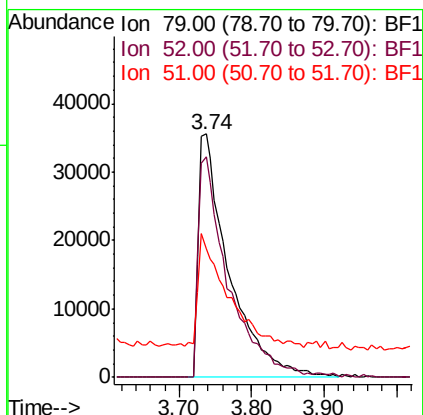
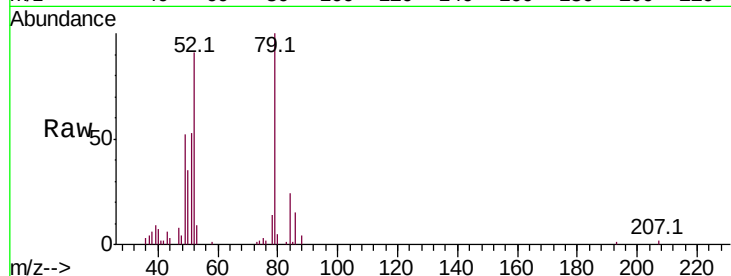




#3
 Pvridine
 Concen: 5.015 ng
 RT: 3.74 min Scan# 238
 Delta R.T. 0.06 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

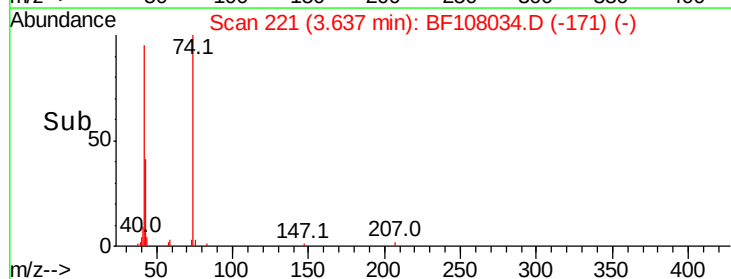
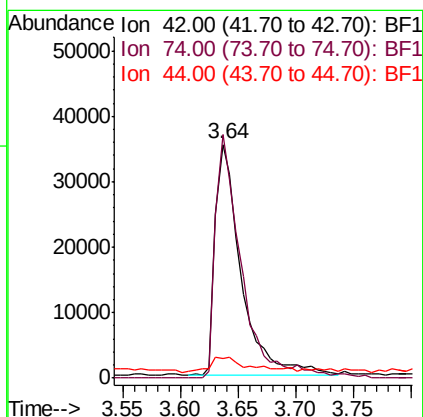
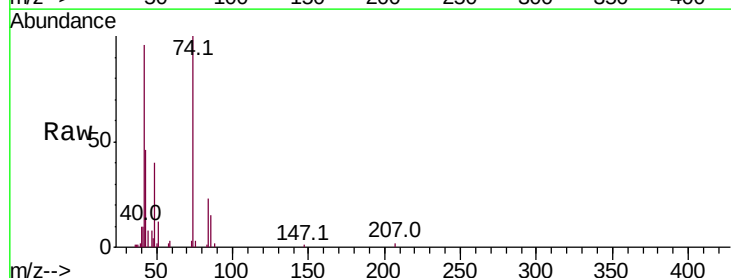
Instrument :
 BNA_F
 ClientSampleId :

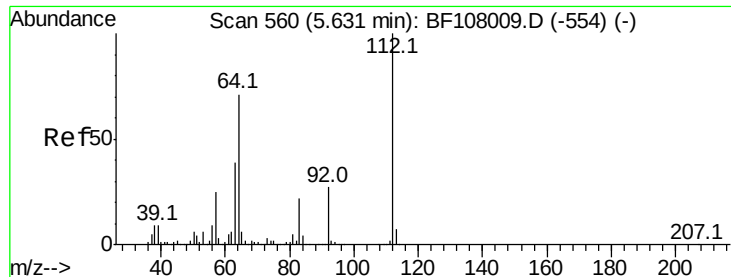
Tot Ion: 79 Resp: 104044
 Ion Ratio Lower Upper
 79 100
 52 90.7 59.8 89.6#
 51 52.7 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 4.716 ng
 RT: 3.64 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion: 42 Resp: 55046
 Ion Ratio Lower Upper
 42 100
 74 104.1 104.9 157.3#
 44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 126.830 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

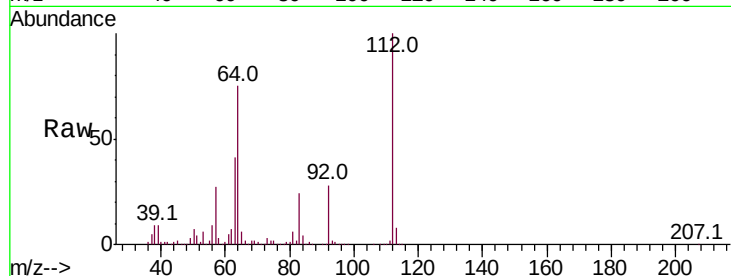
Tot Ion:112 Resp: 1987783

Ion Ratio Lower Upper

112 100

64 74.6 47.9 71.9#

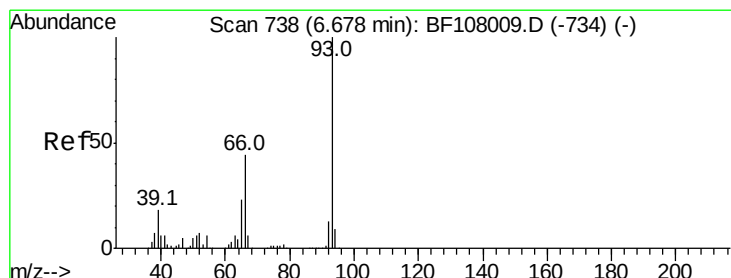
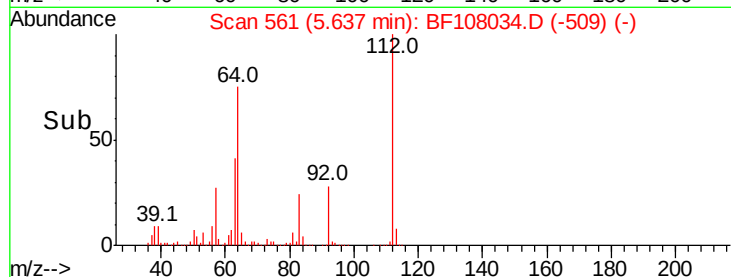
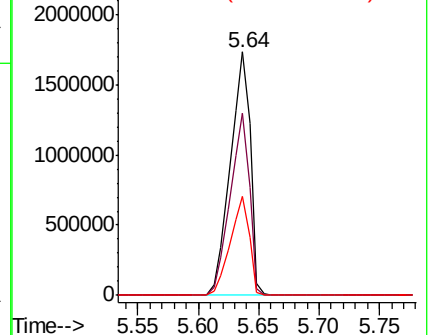
63 40.9 23.7 35.5#



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: 3.325 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

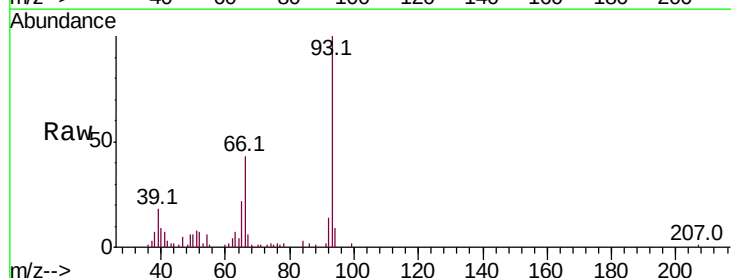
Tgt Ion: 93 Resp: 94189

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

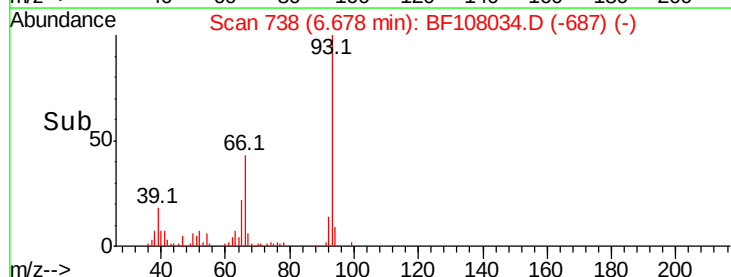
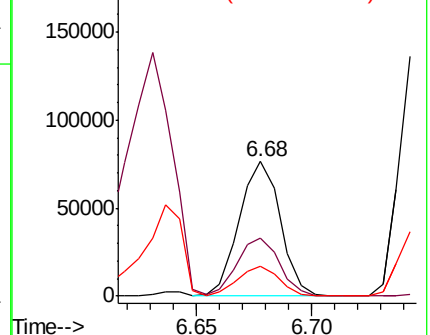
65 22.1 16.4 24.6

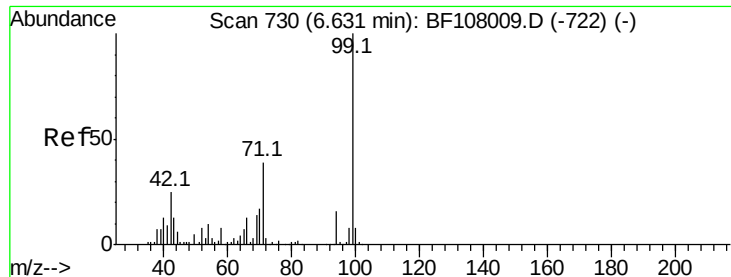


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.000 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

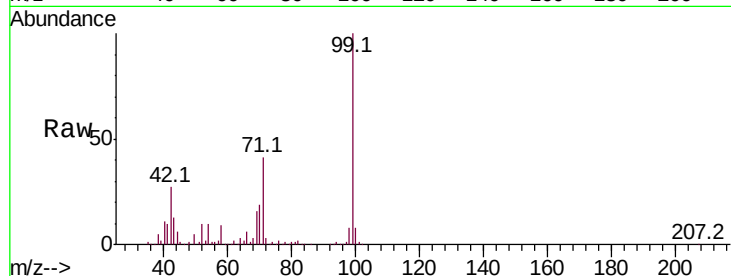
Tot Ion: 99 Resp: 2624208

Ion Ratio Lower Upper

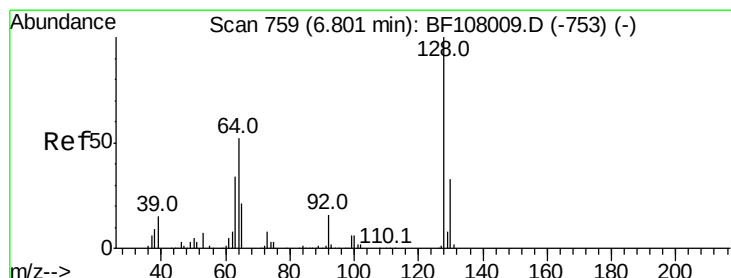
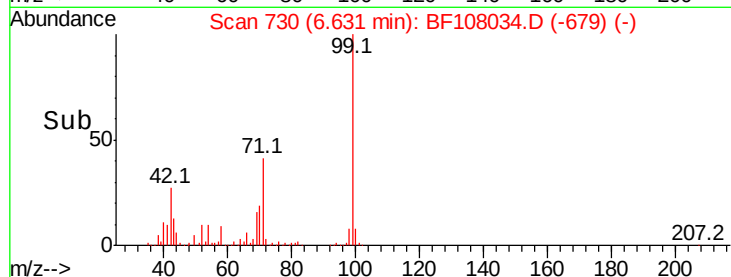
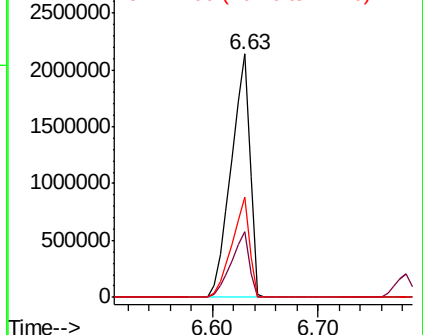
99 100

42 27.0 14.5 21.7#

71 41.3 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: 5.232 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

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Acq: 8 Aug 2018 21:59

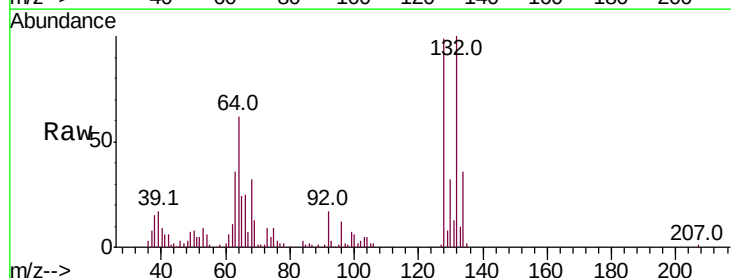
Tgt Ion:128 Resp: 92347

Ion Ratio Lower Upper

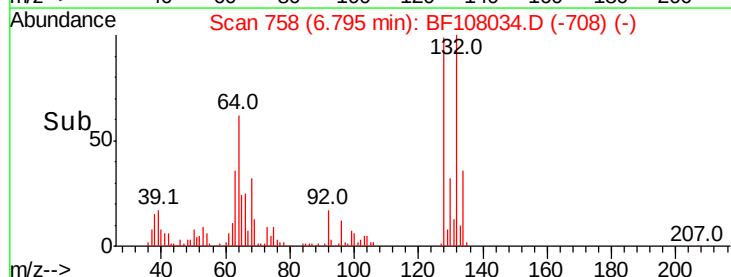
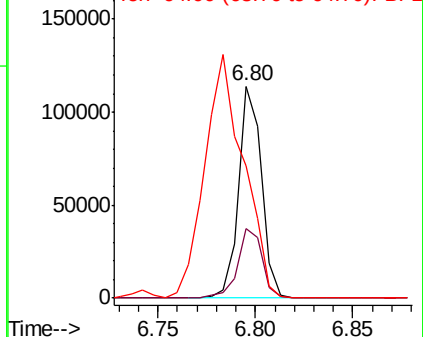
128 100

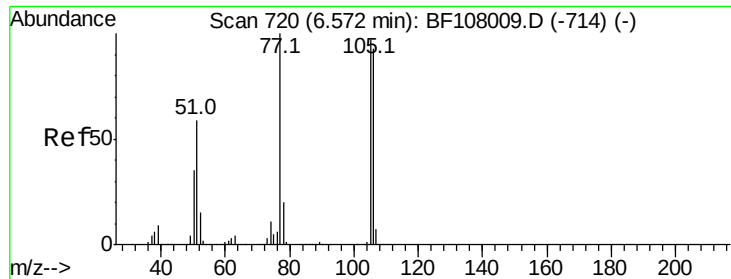
130 32.6 13.0 53.0

64 62.5 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: 4.664 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

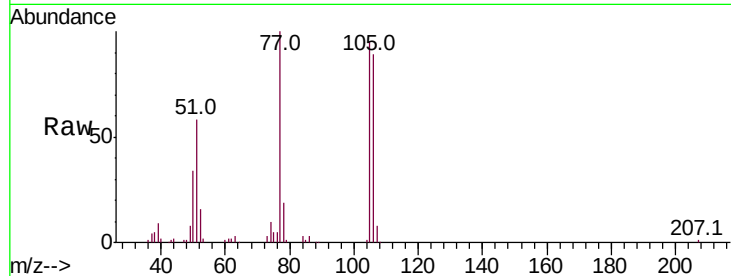
Tot Ion: 77 Resp: 75319

Ion Ratio Lower Upper

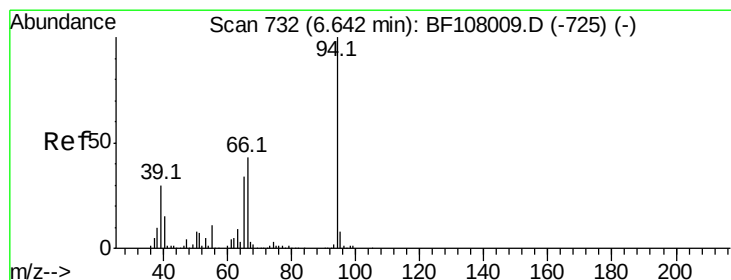
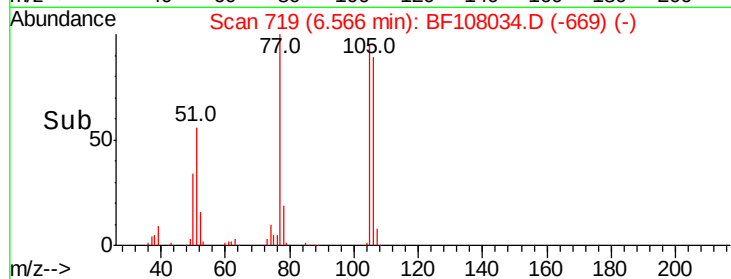
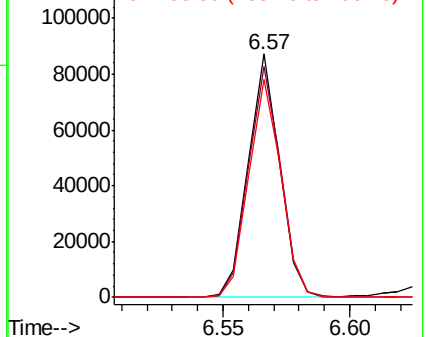
77 100

105 94.9 81.1 121.1

106 89.5 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: 5.030 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

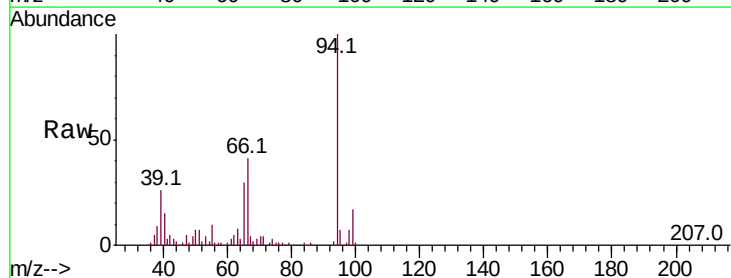
Tgt Ion: 94 Resp: 108356

Ion Ratio Lower Upper

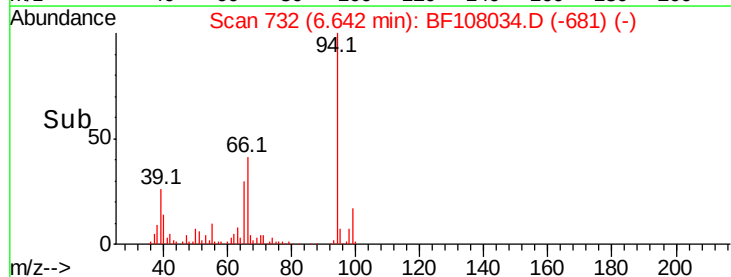
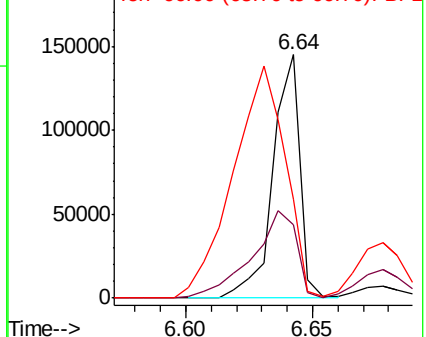
94 100

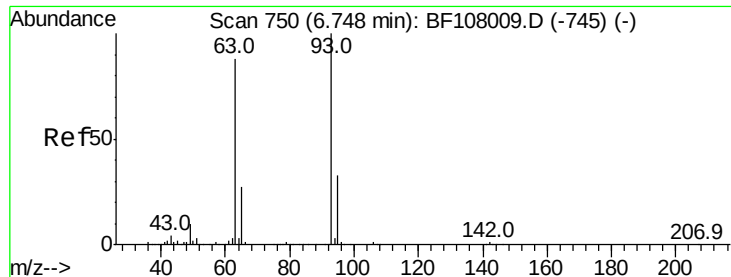
65 30.4 7.9 47.9

66 40.8 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

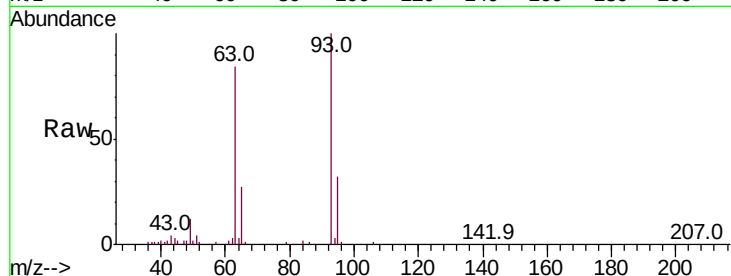




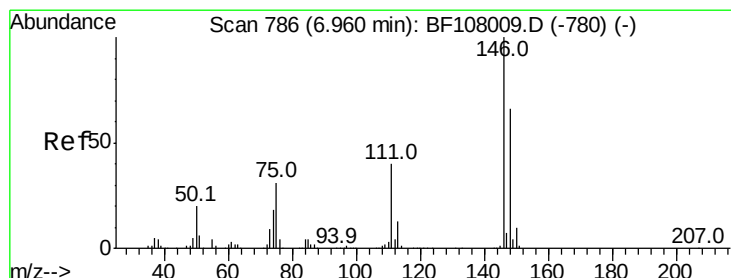
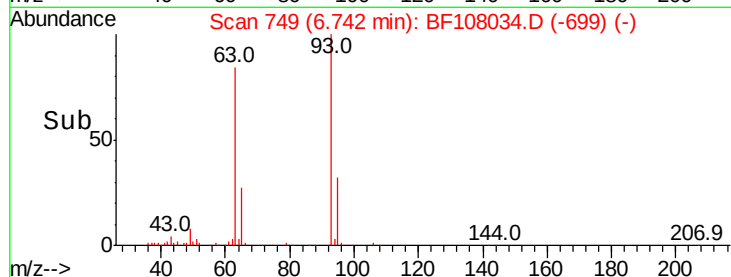
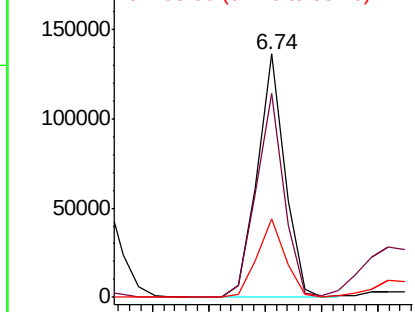
#11
bis(2-Chloroethyl)ether
Concen: 5.333 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	58.6	98.6
95	32.3	11.8	51.8

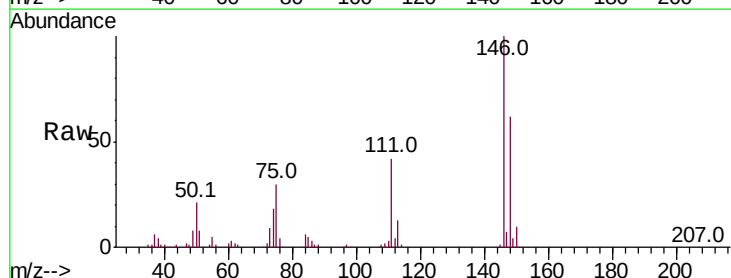


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

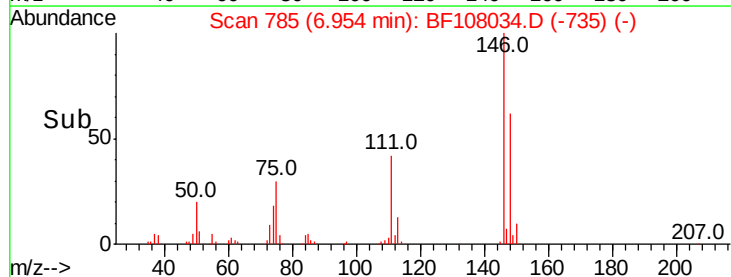
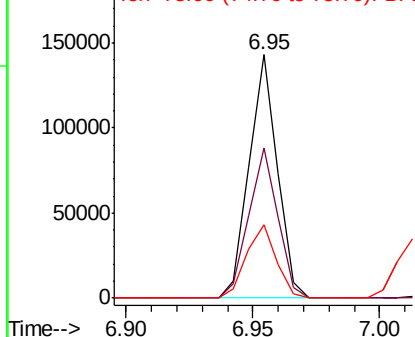


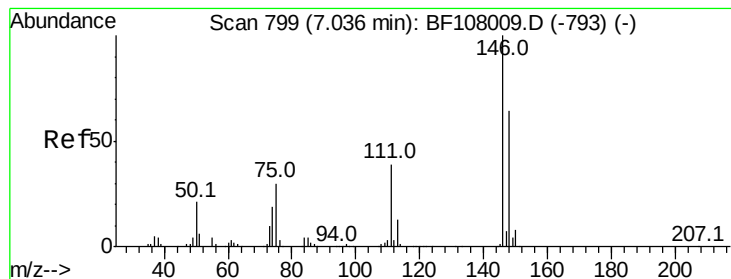
#12
1,3-Dichlorobenzene
Concen: 5.419 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.8	77.8
75	30.3	24.2	36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 5.460 ng

RT: 7.03 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

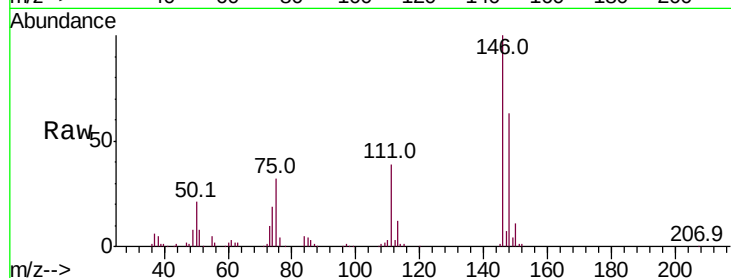
Tot Ion:146 Resp: 111965

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 38.6 34.2 51.2

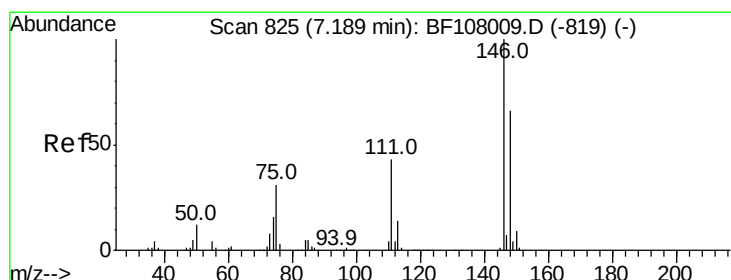
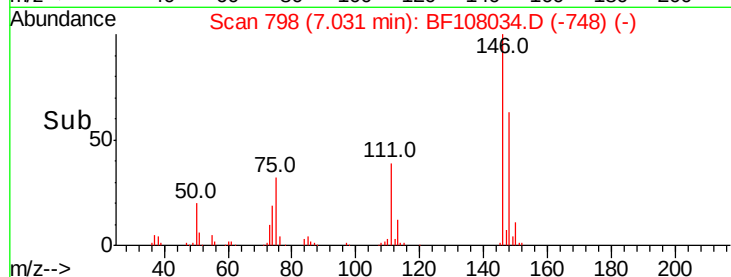
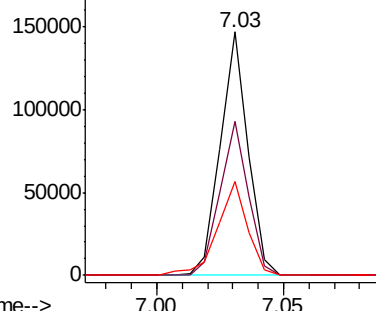


Abundance

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: 5.272 ng

RT: 7.18 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

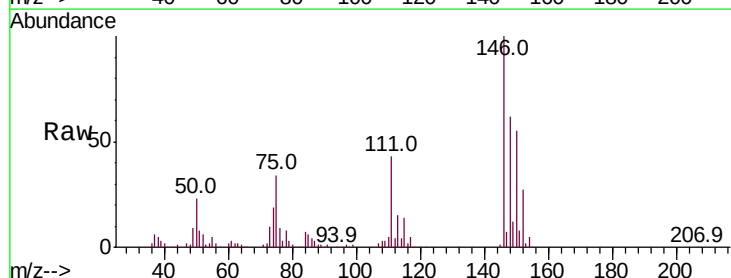
Tgt Ion:146 Resp: 100560

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

111 43.4 36.0 54.0

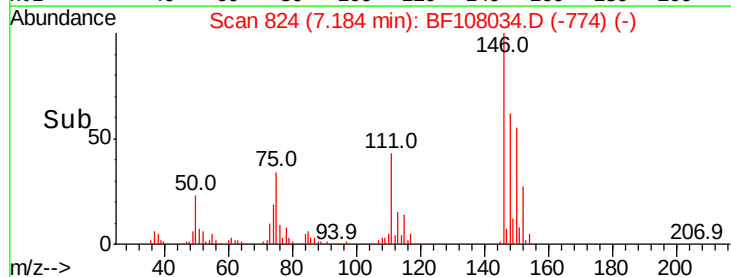
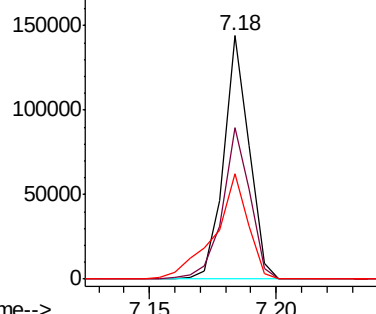


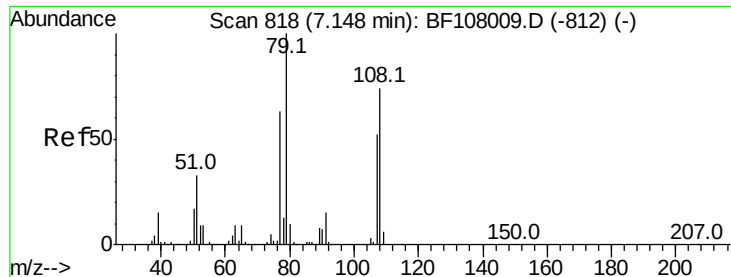
Abundance

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: 3.880 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

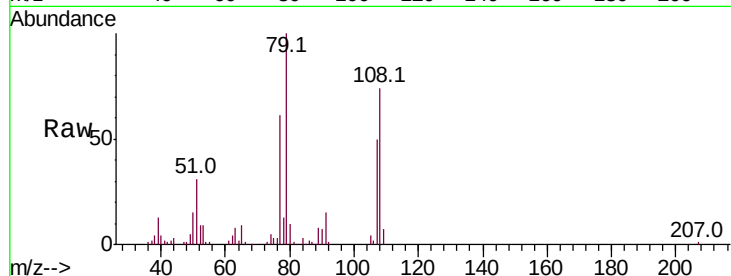
Tot Ion: 79 Resp: 68029

Ion Ratio Lower Upper

79 100

108 73.8 65.1 97.7

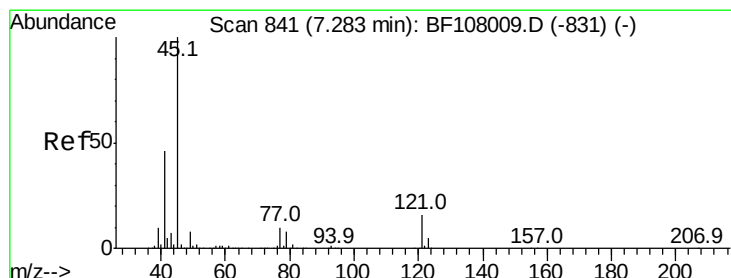
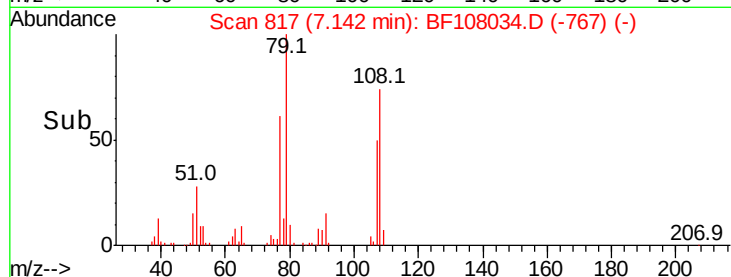
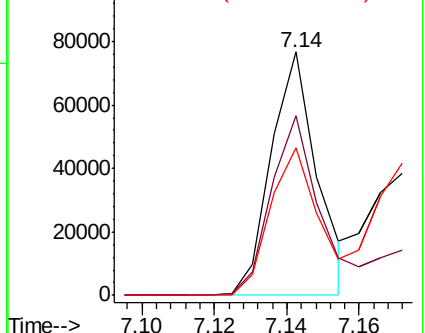
77 60.8 50.6 75.8



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: 5.254 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

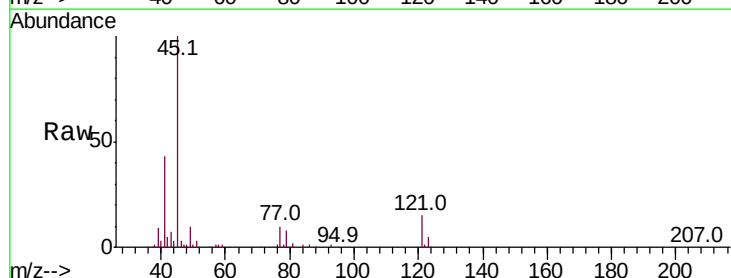
Tgt Ion: 45 Resp: 188508

Ion Ratio Lower Upper

45 100

77 10.2 0.0 32.9

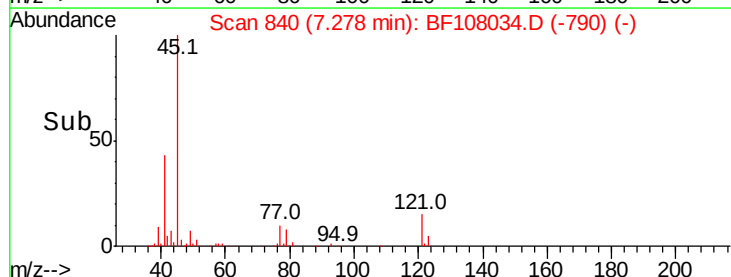
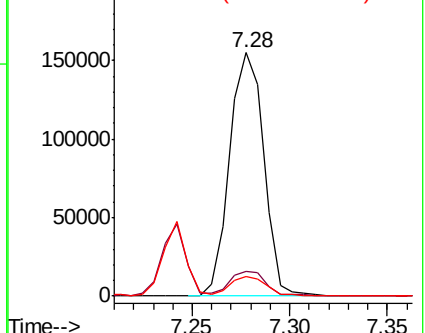
79 7.9 0.0 29.6

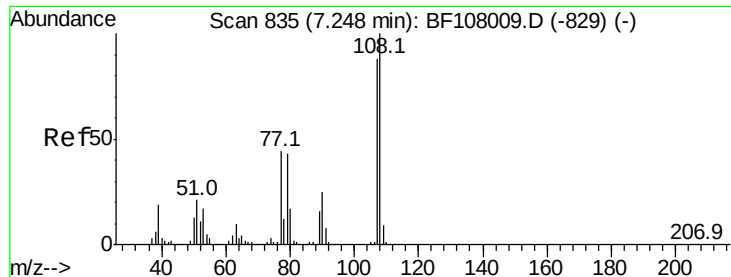


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 5.138 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 77770

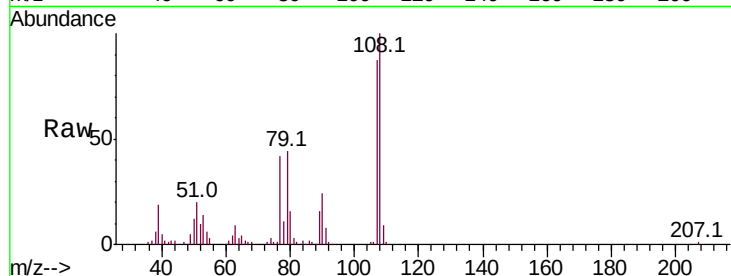
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 48.5 33.8 50.8

79 50.3 33.8 50.8

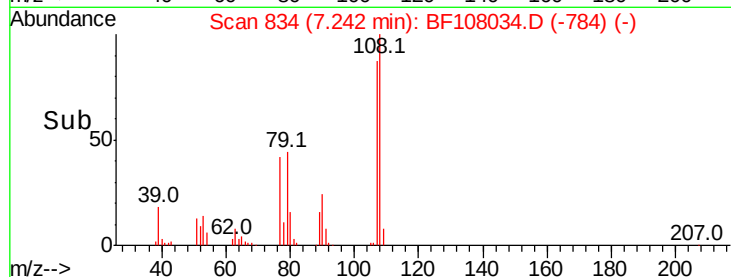


Abundance Ion 107.00 (106.70 to 107.70): E

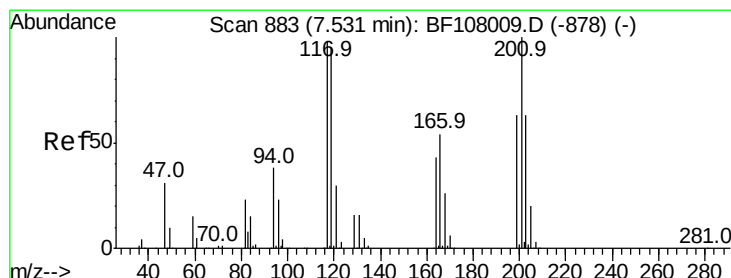
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 5.011 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

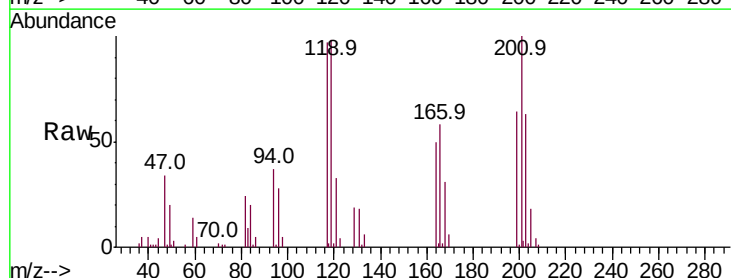
Tgt Ion:117 Resp: 36584

Ion Ratio Lower Upper

117 100

119 101.0 75.8 113.8

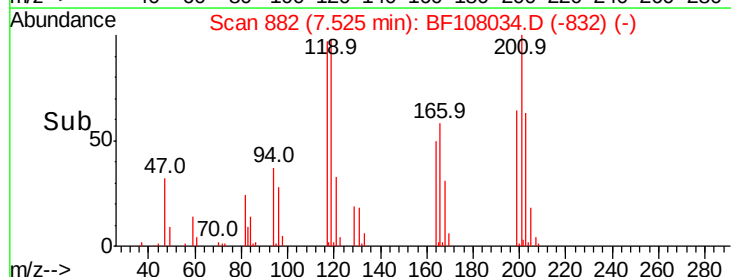
201 105.6 75.7 113.5



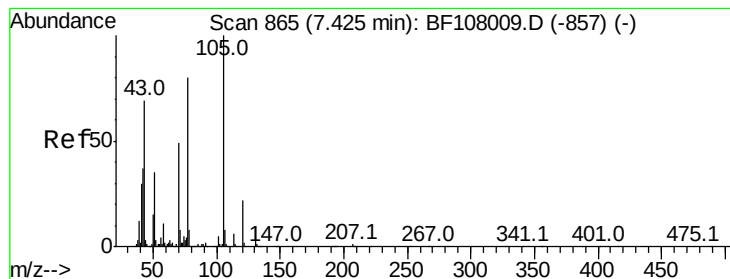
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 5.126 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 72199

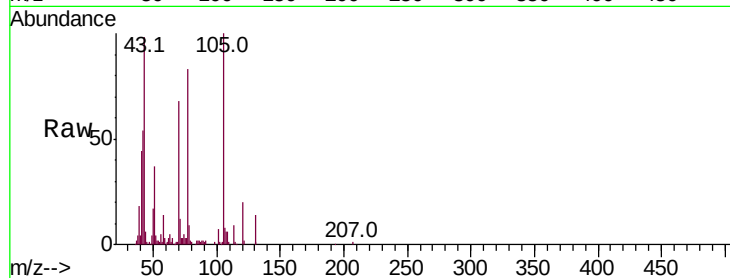
Ion Ratio Lower Upper

70 100

42 79.6 47.5 71.3#

101 9.7 7.4 11.2

130 20.9 16.6 25.0



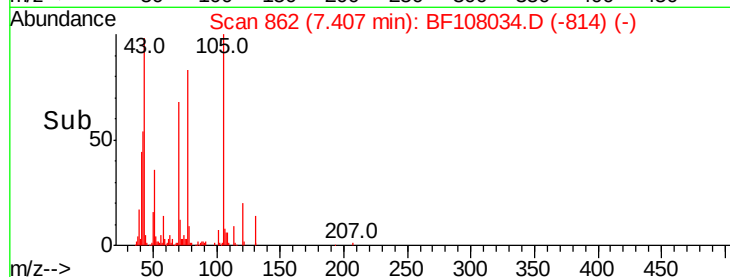
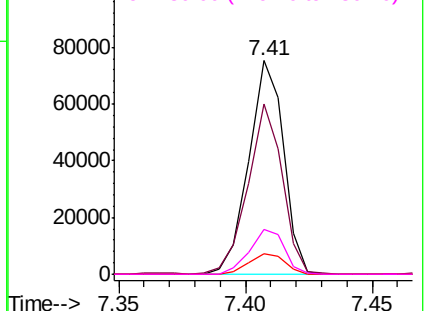
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 5.312 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion: 107 Resp: 103041

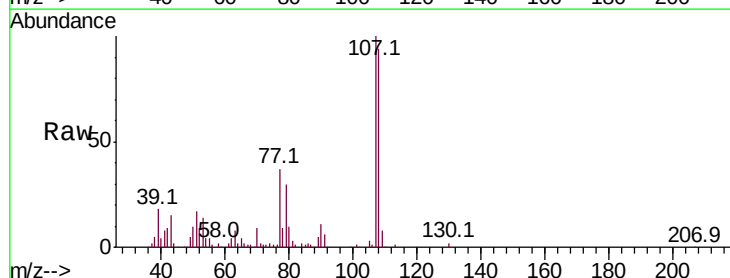
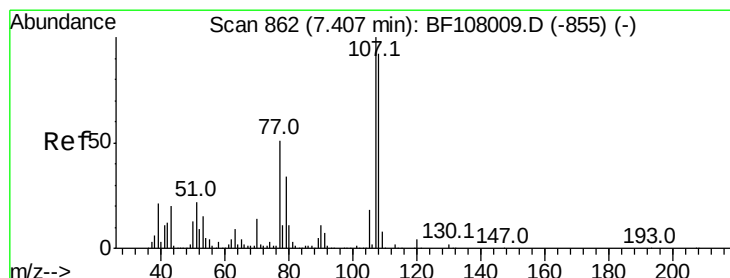
Ion Ratio Lower Upper

107 100

108 94.2 68.2 108.2

77 37.3 26.7 66.7

79 30.1 6.3 46.3



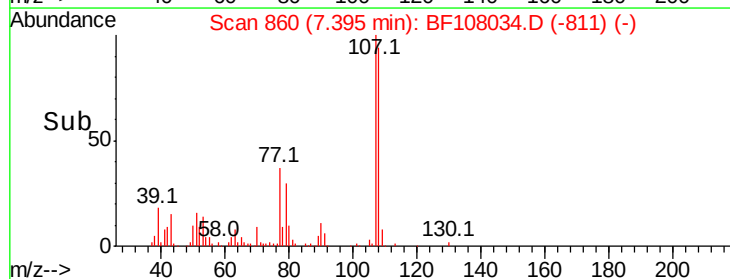
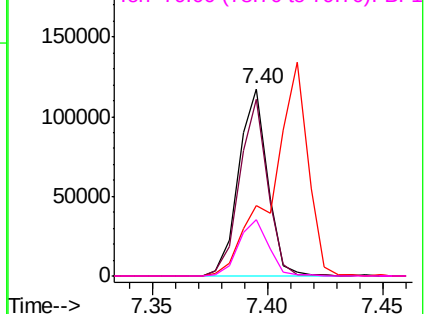
Abundance

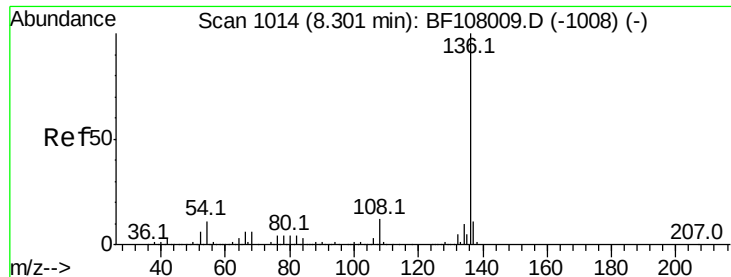
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

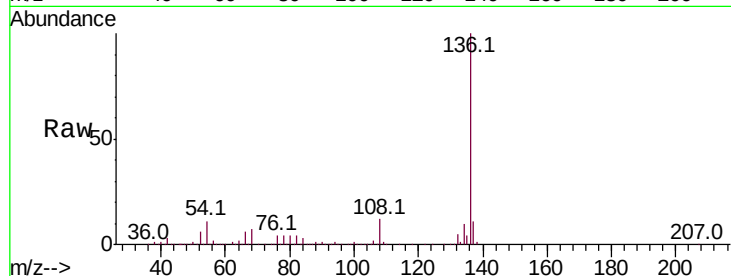




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1133664
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 10.7	6.6 9.8#
68 6.7	5.0 7.4



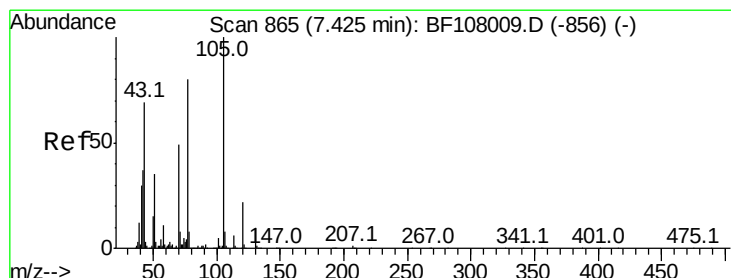
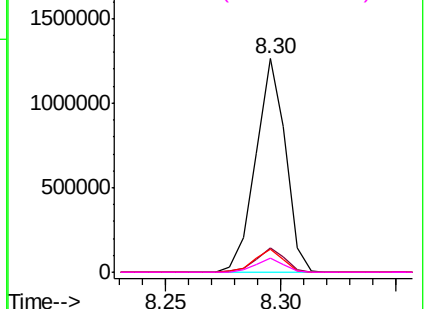
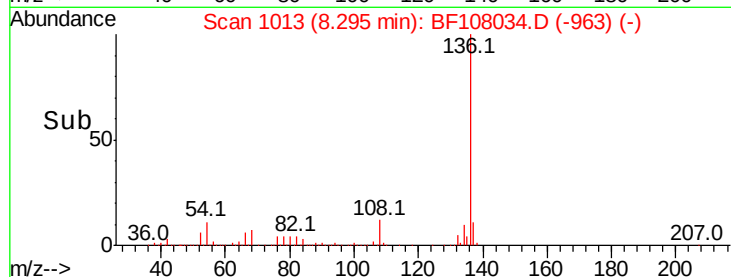
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

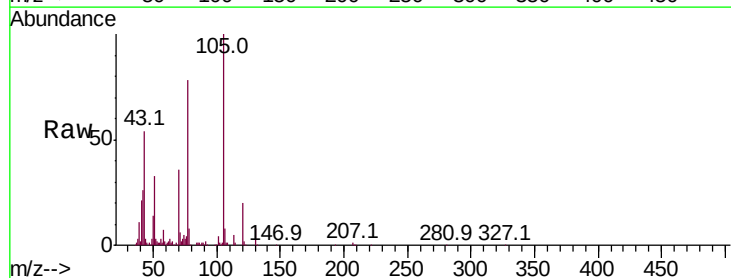
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 5.333 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:105	Resp: 141362
Ion Ratio	Lower Upper
105 100	
71 6.3	4.4 6.6
51 33.3	22.3 33.5
120 20.4	16.9 25.3



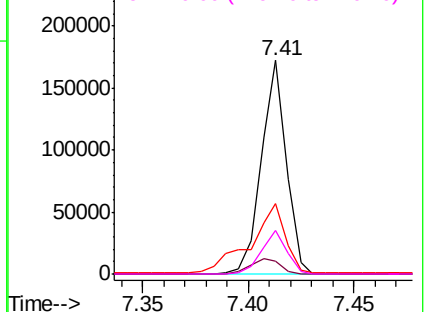
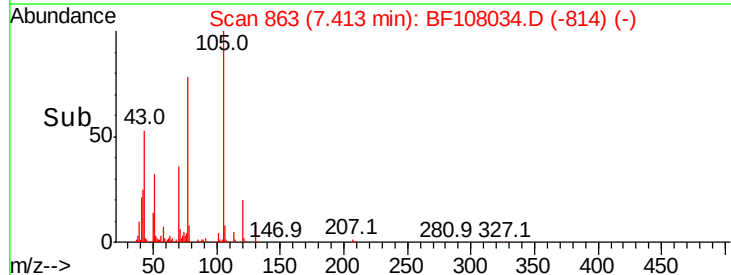
Abundance

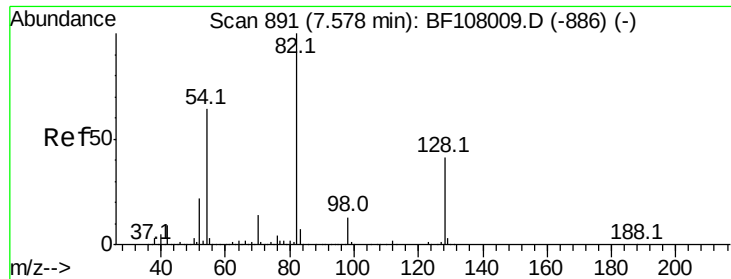
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

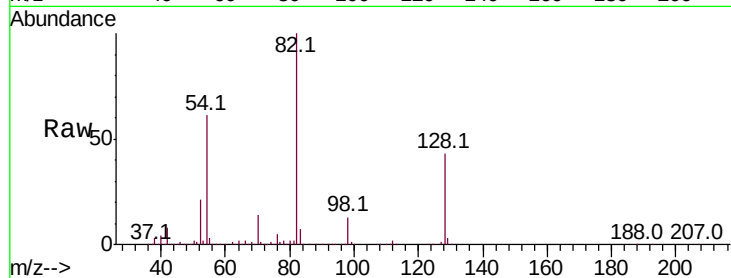




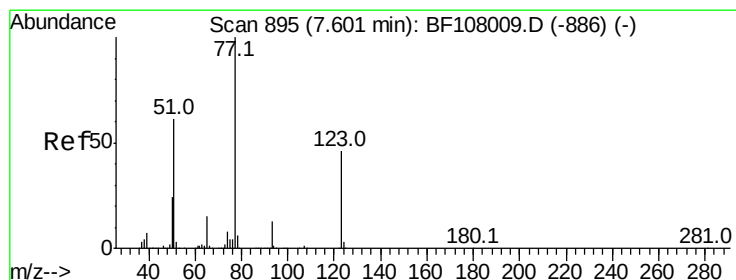
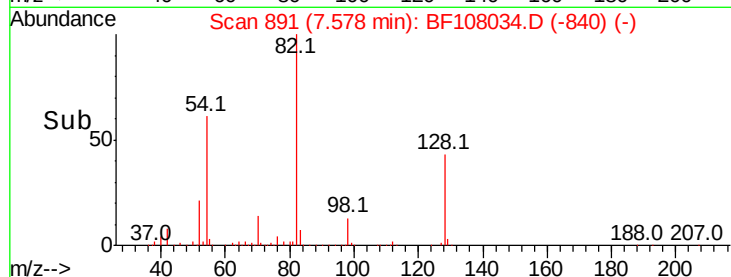
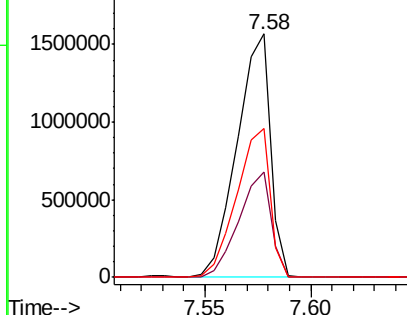
#23
 Nitrobenzene-d5
 Concen: 84.646 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1719666
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 61.4 41.4 62.2

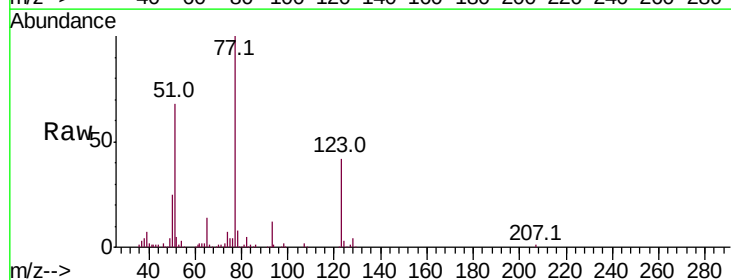


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

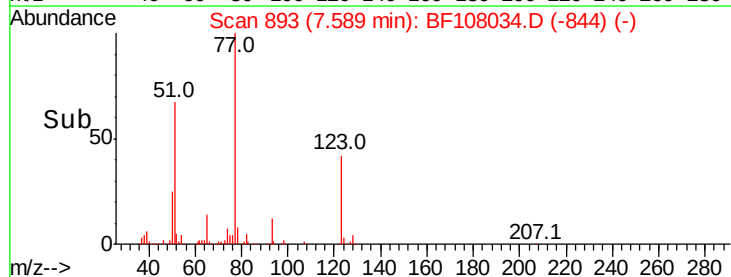
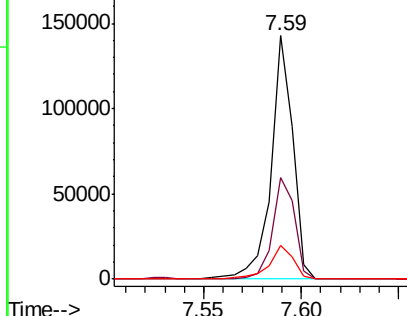


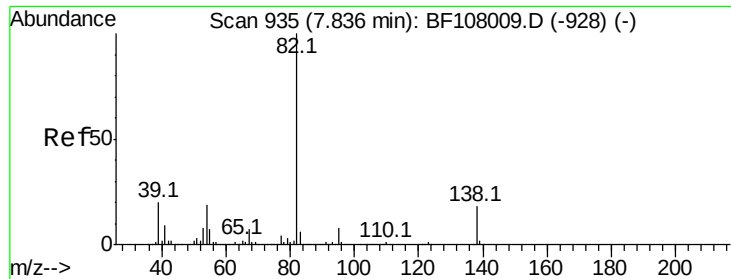
#24
 Nitrobenzene
 Concen: 5.354 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion: 77 Resp: 110001
 Ion Ratio Lower Upper
 77 100
 123 41.8 37.9 56.9
 65 13.7 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: 5.012 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

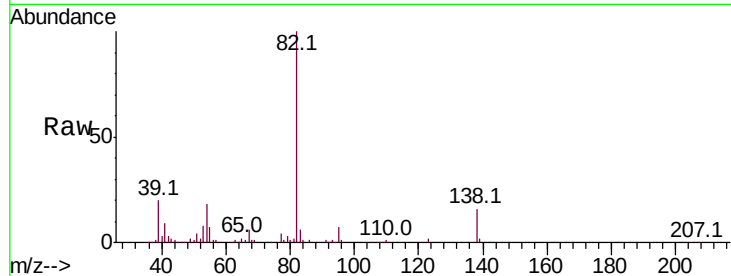
Tot Ion: 82 Resp: 194066

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

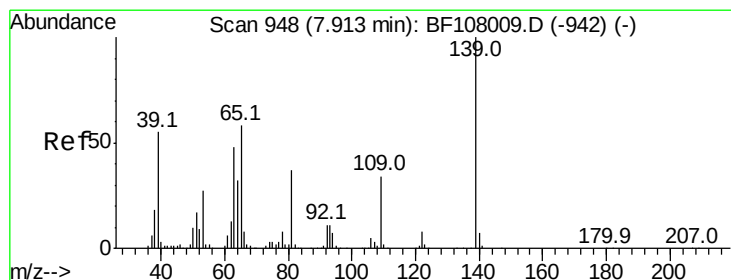
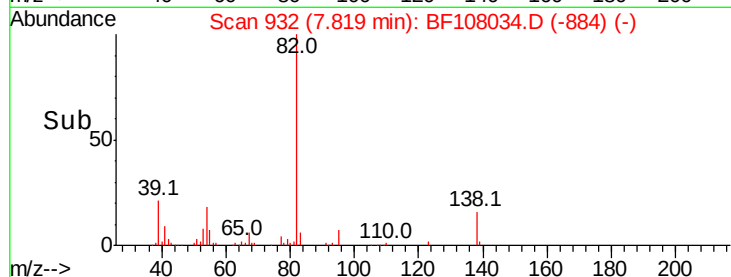
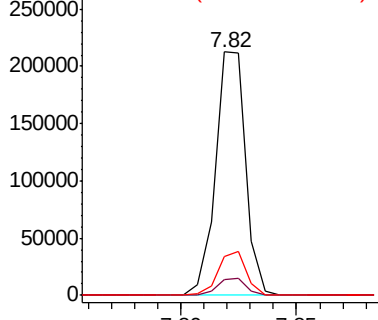
138 15.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 3.908 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

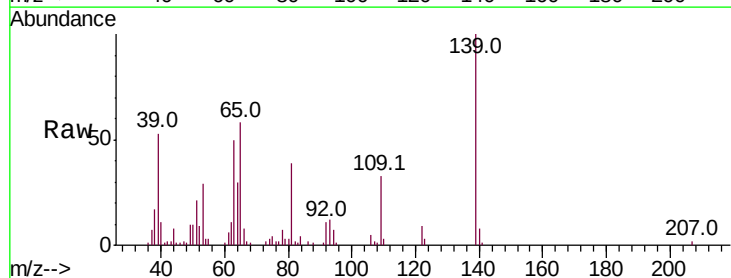
Tgt Ion: 139 Resp: 30319

Ion Ratio Lower Upper

139 100

109 33.0 22.7 34.1

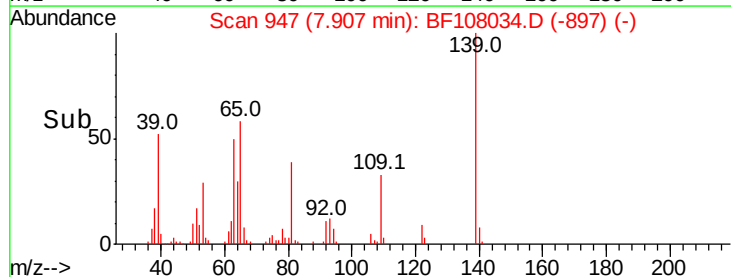
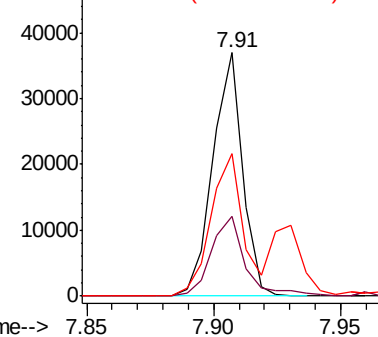
65 58.3 40.5 60.7

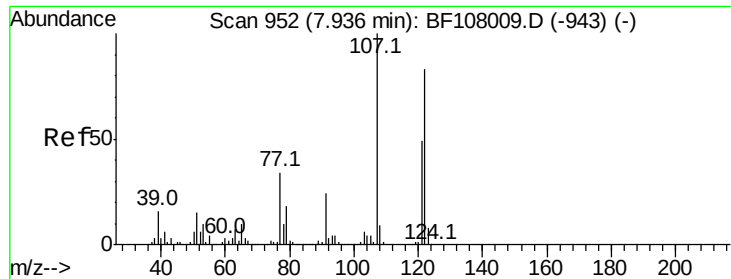


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

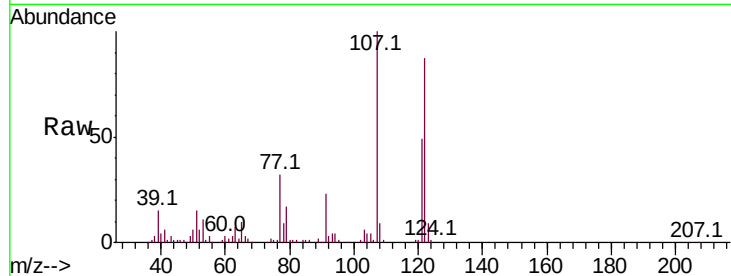




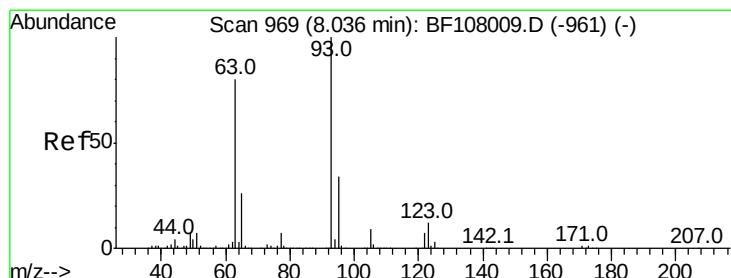
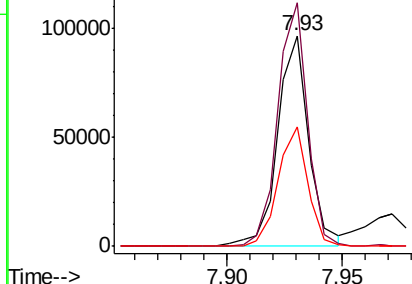
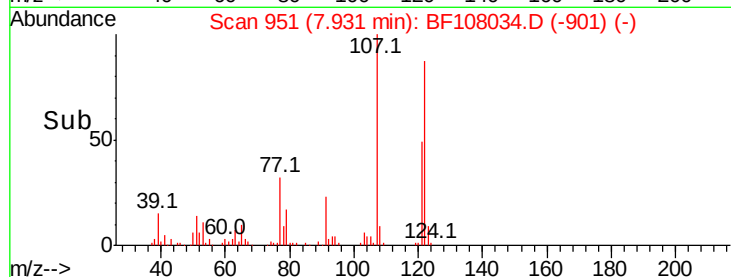
#27
 2,4-Dimethylphenol
 Concen: 5.229 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 89873
 Ion Ratio Lower Upper
 122 100
 107 115.5 91.2 136.8
 121 56.4 47.2 70.8

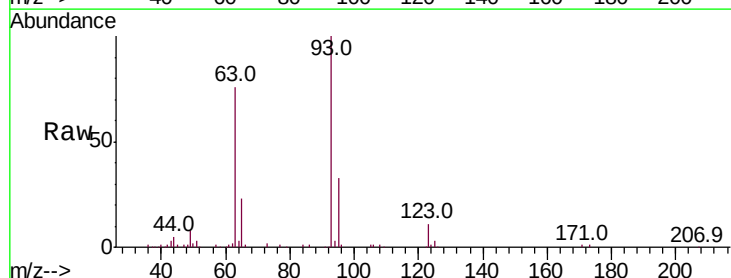


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 100000 Ion 121.00 (120.70 to 121.70): E

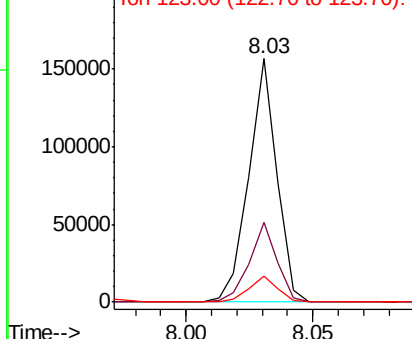
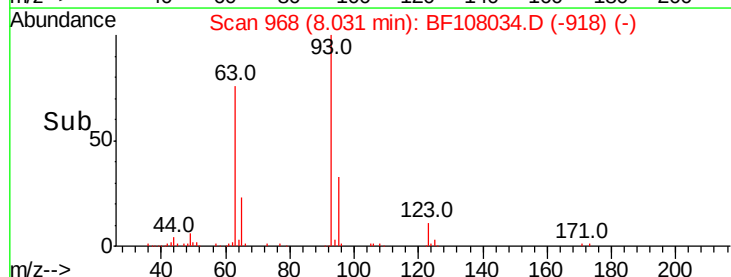


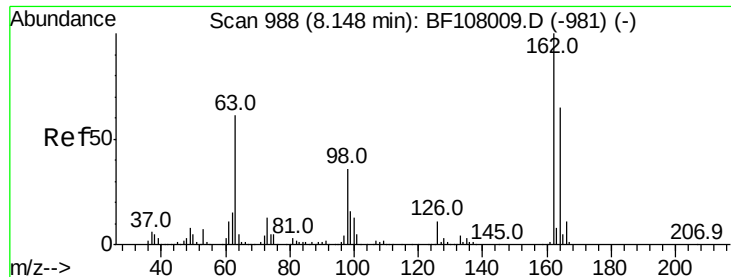
#28
 bis(2-Chloroethoxy)methane
 Concen: 5.342 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion: 93 Resp: 120765
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 200000 Ion 95.00 (94.70 to 95.70): BF1
 150000 Ion 123.00 (122.70 to 123.70): E

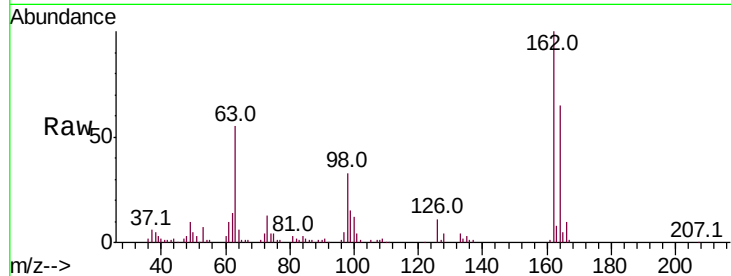




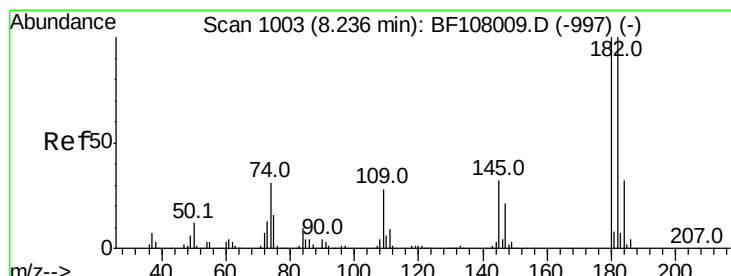
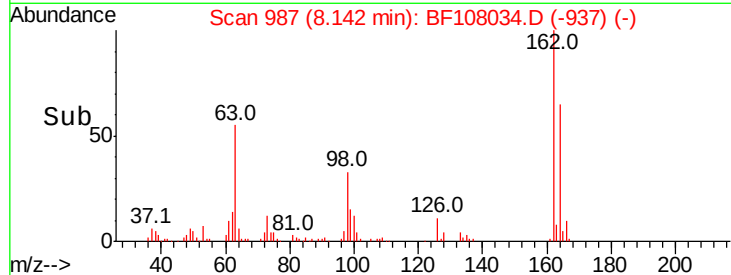
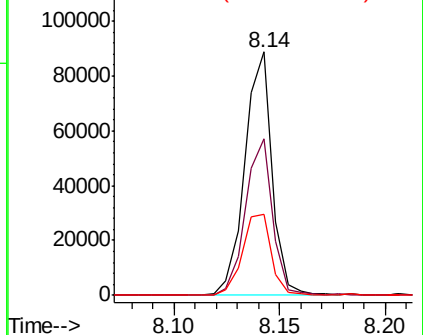
#29
2,4-Dichlorophenol
Concen: 5.024 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 79463
Ion Ratio Lower Upper
162 100
164 64.5 42.7 82.7
98 33.1 18.1 58.1

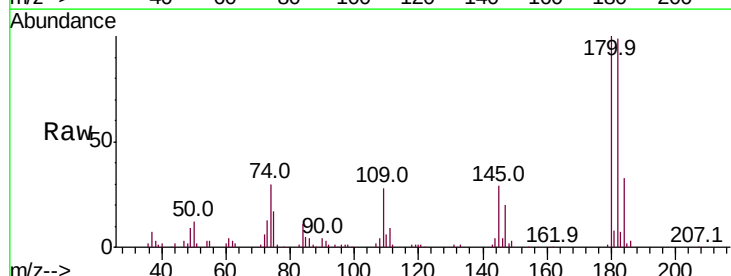


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

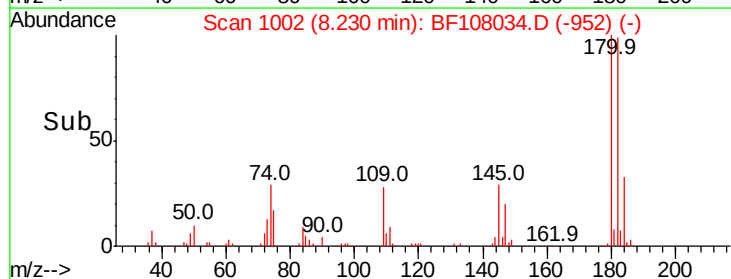
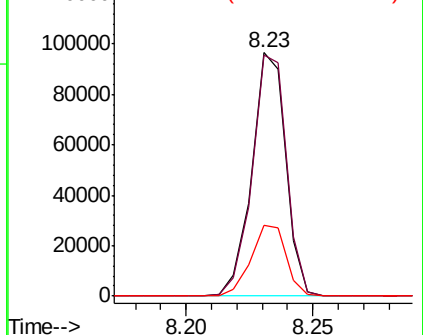


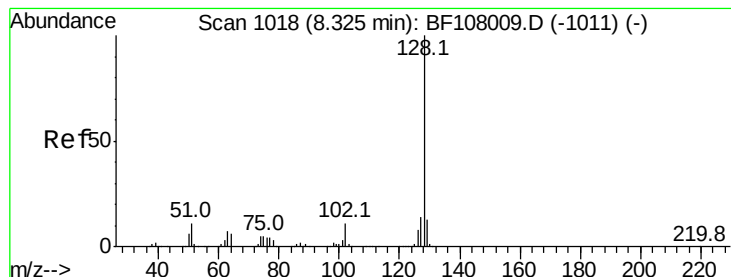
#30
1,2,4-Trichlorobenzene
Concen: 5.190 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:180 Resp: 90499
Ion Ratio Lower Upper
180 100
182 99.1 76.8 115.2
145 29.1 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: 5.607 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

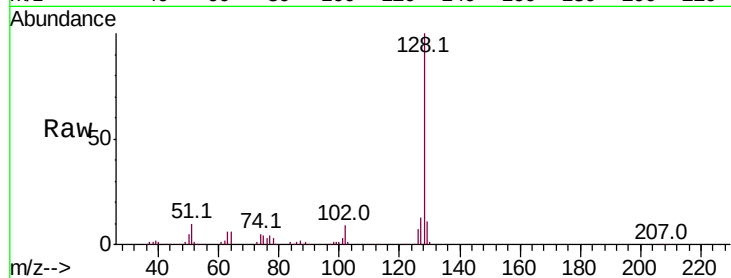
Tot Ion:128 Resp: 289071

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

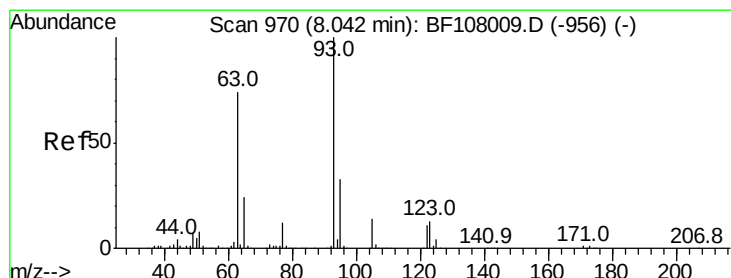
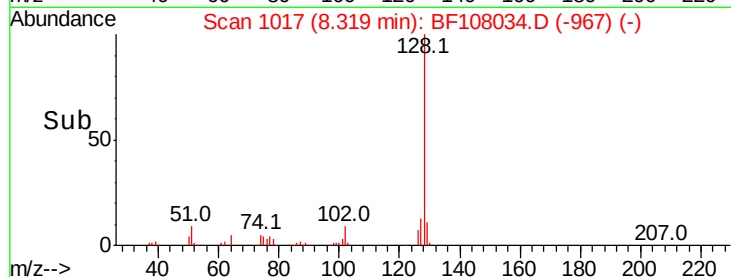
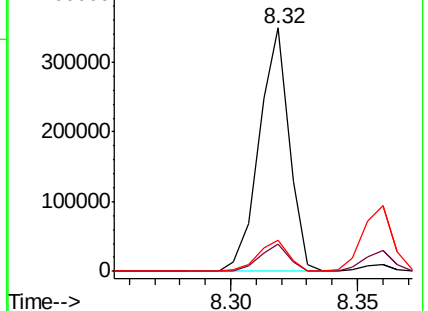
127 12.6 10.9 16.3



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: 7.836 ng

RT: 7.97 min Scan# 958

Delta R.T. -0.07 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

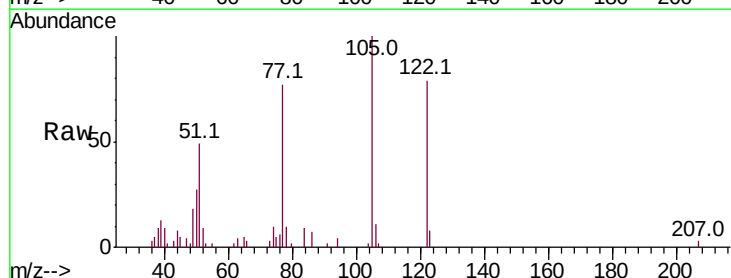
Tgt Ion:122 Resp: 21203

Ion Ratio Lower Upper

122 100

105 127.0 101.1 141.1

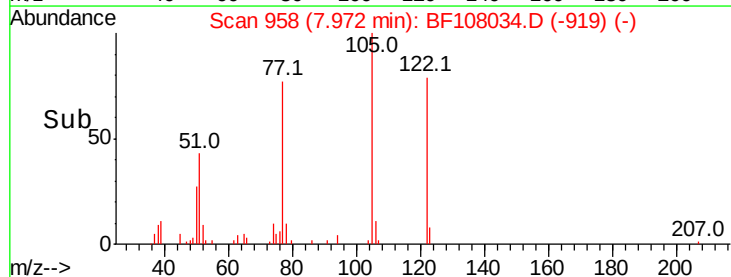
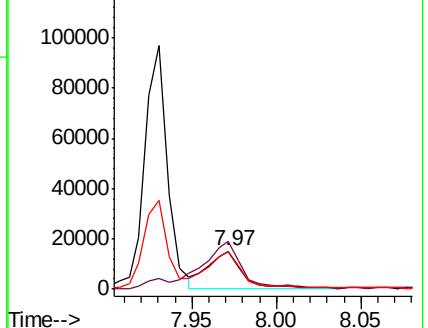
77 98.0 70.7 110.7

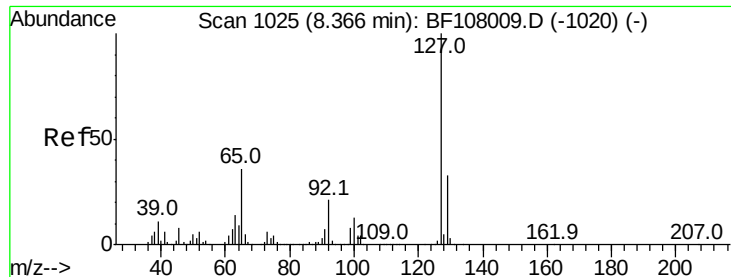


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

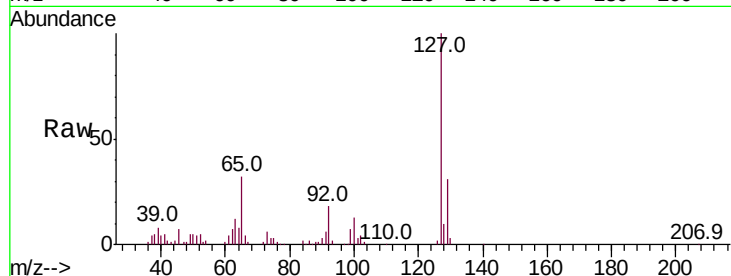




#33
4-Chloroaniline
Concen: 3.489 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	78393
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	31.7	25.0	37.4
92	18.2	15.2	22.8



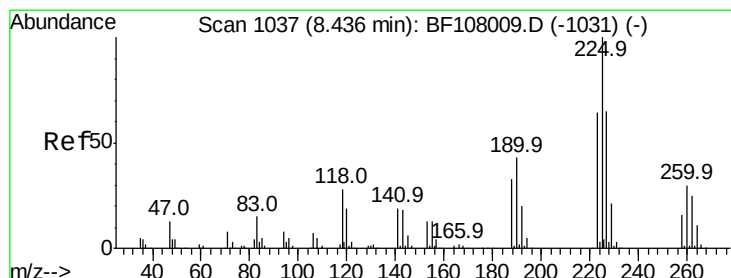
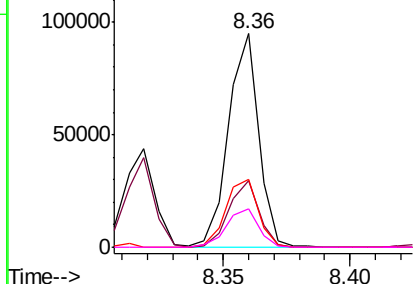
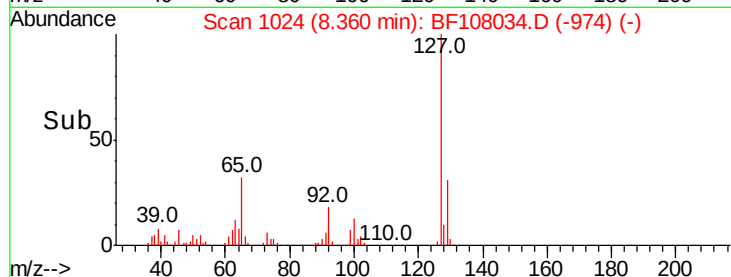
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

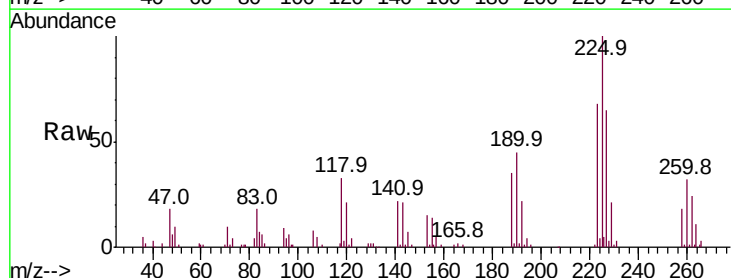
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 5.125 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:	225	Resp:	56577
Ion	Ratio	Lower	Upper
225	100		
223	67.8	50.6	76.0
227	65.4	51.9	77.9

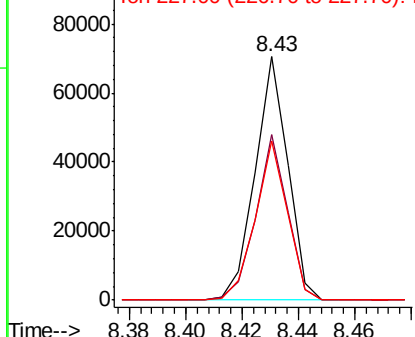
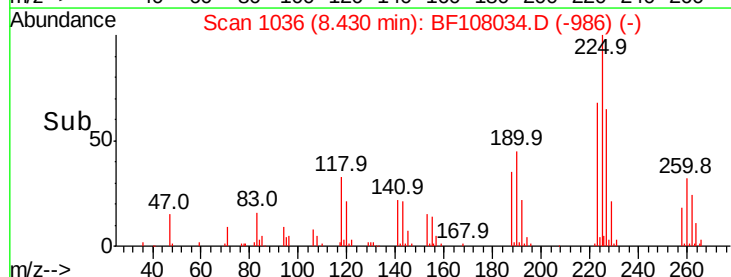


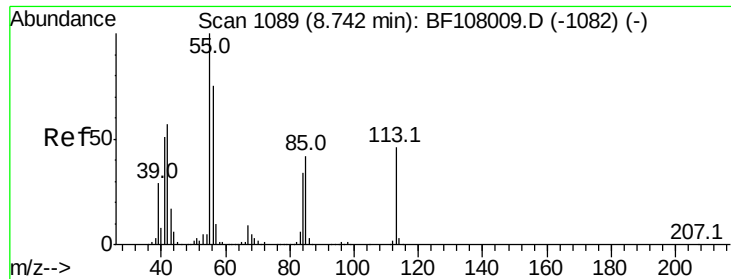
Abundance

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: 4.824 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.05 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

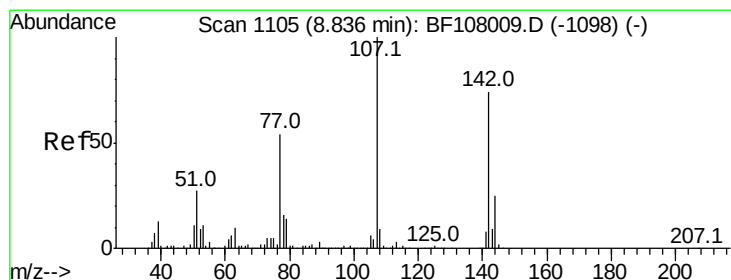
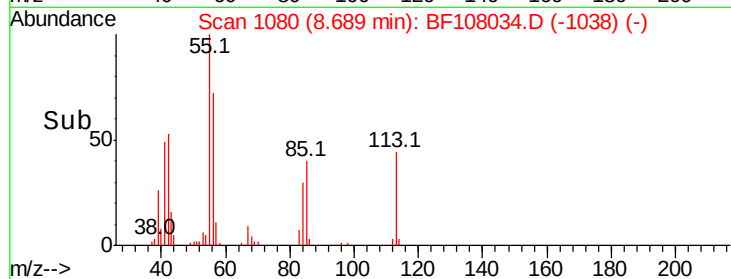
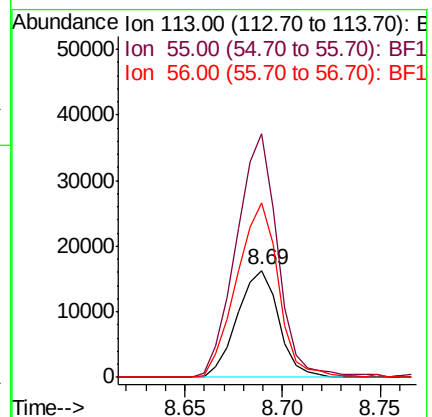
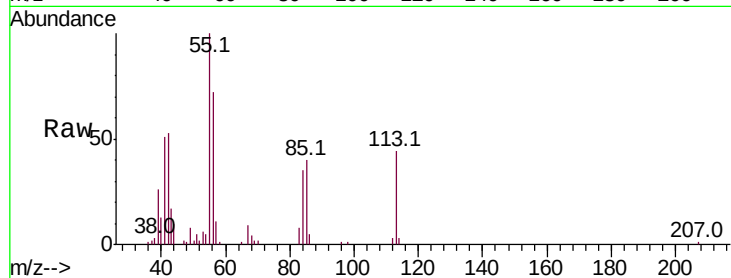
Tot Ion:113 Resp: 23911

Ion Ratio Lower Upper

113 100

55 227.5 163.3 203.3#

56 163.0 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 4.987 ng

RT: 8.82 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

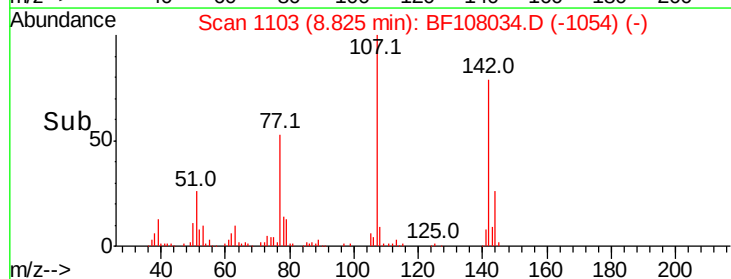
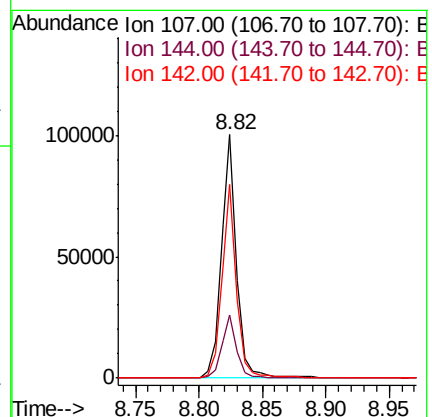
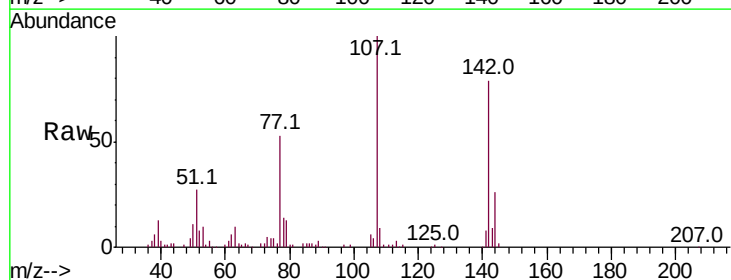
Tgt Ion:107 Resp: 85097

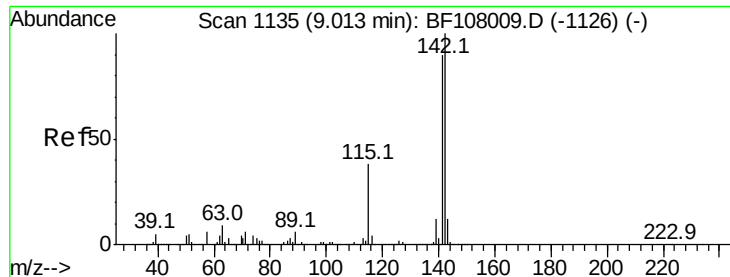
Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 79.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 5.487 ng

RT: 9.01 min Scan# 1134

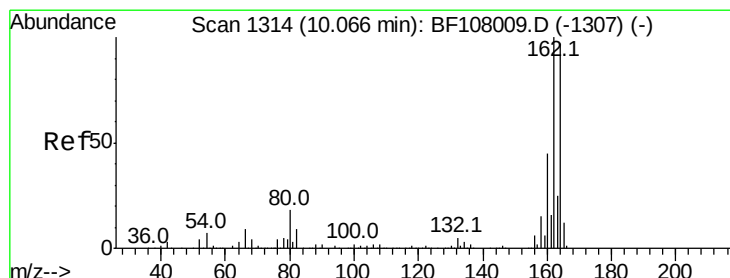
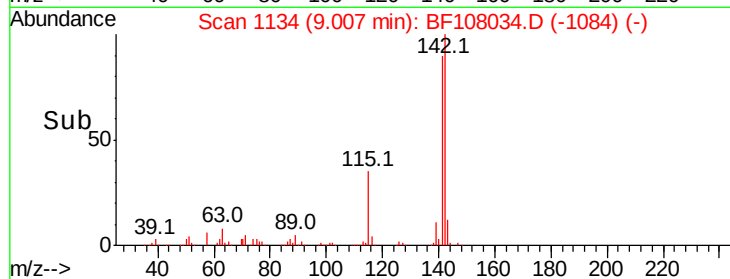
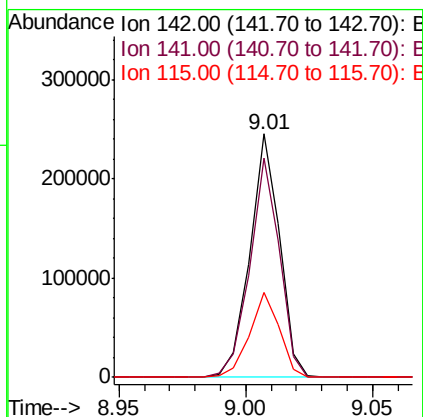
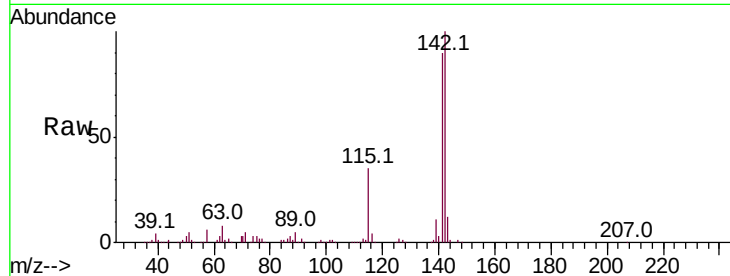
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	35.1	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

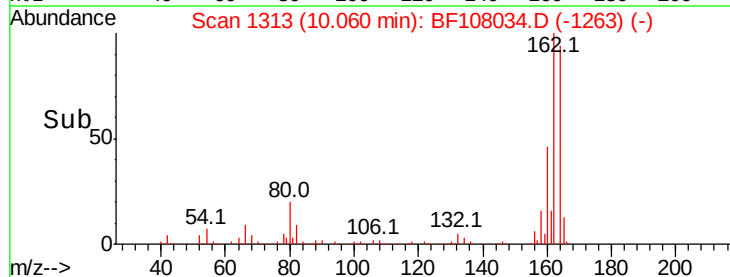
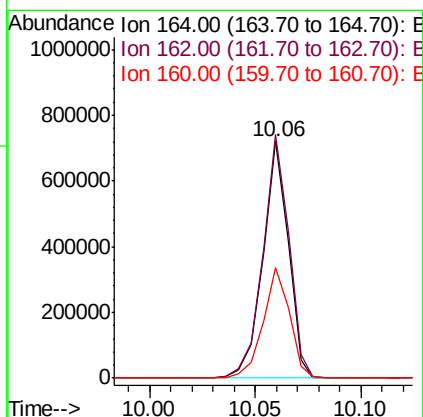
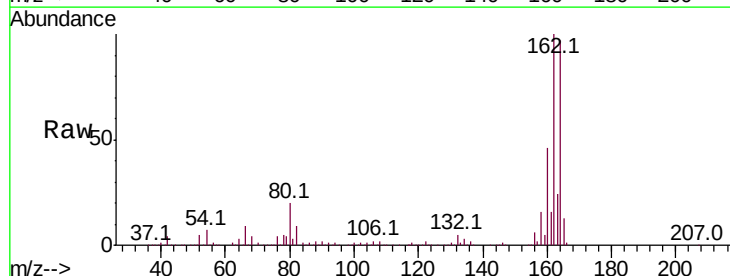
RT: 10.06 min Scan# 1313

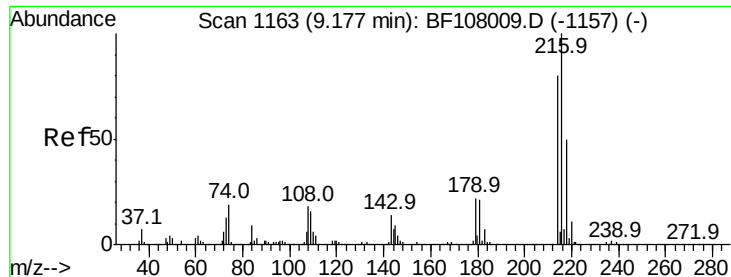
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.9	38.3	57.5

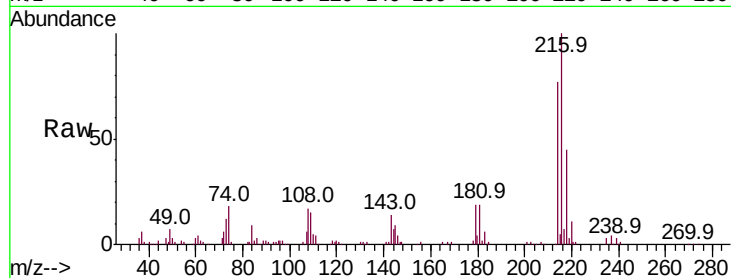




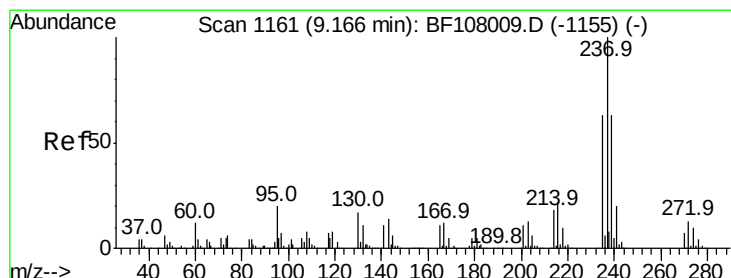
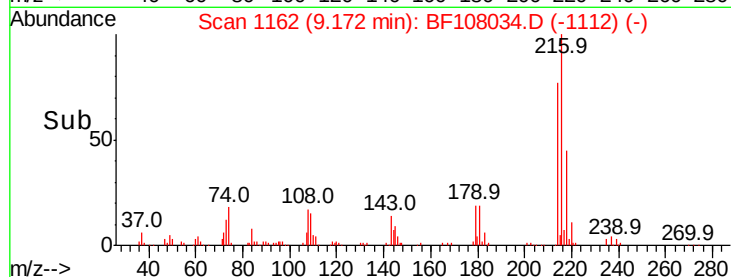
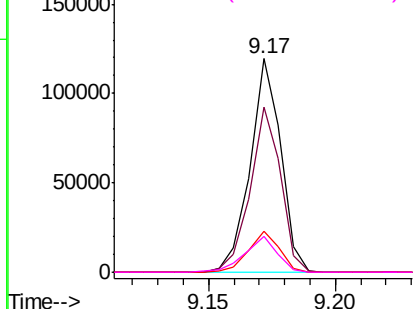
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.417 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	100741
Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.0	94.4
179	19.5	18.1	27.1
108	18.0	17.2	25.8

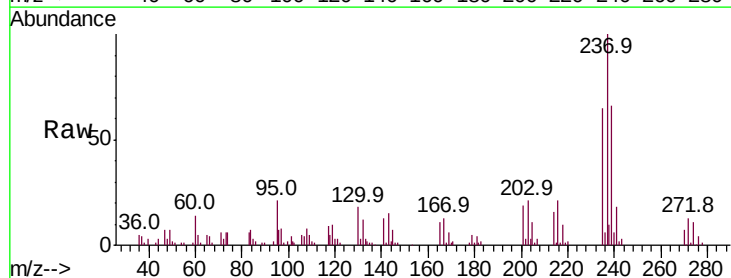


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

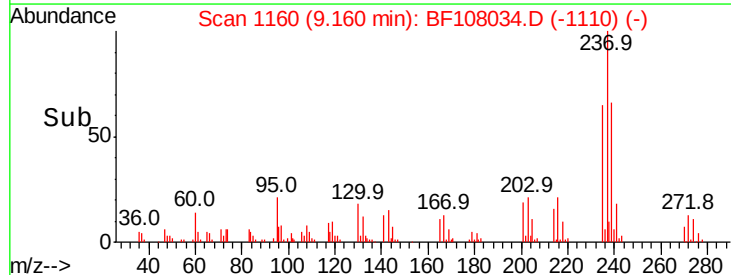
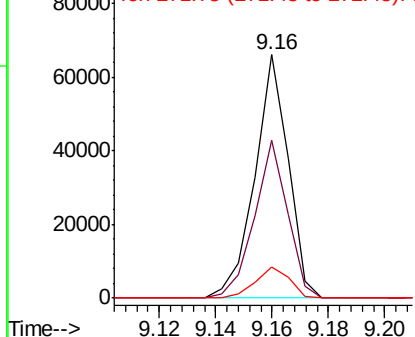


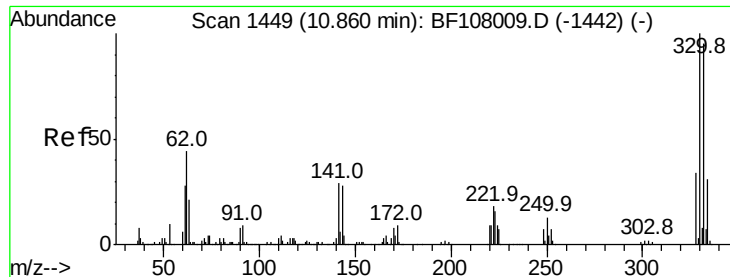
#40
 Hexachlorocyclopentadiene
 Concen: 4.512 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:	237	Resp:	54200
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	12.8	0.0	33.3



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

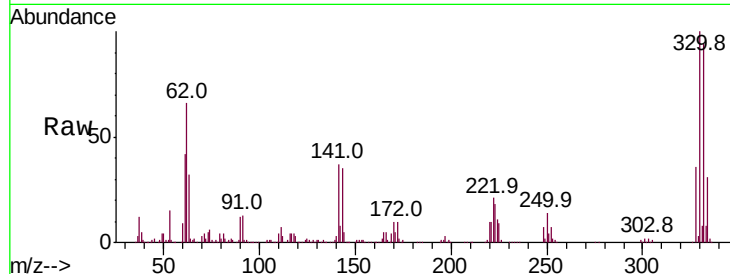




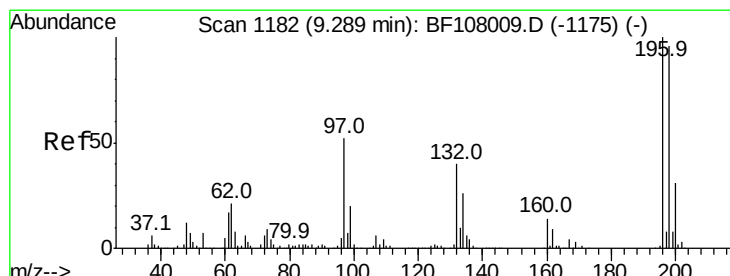
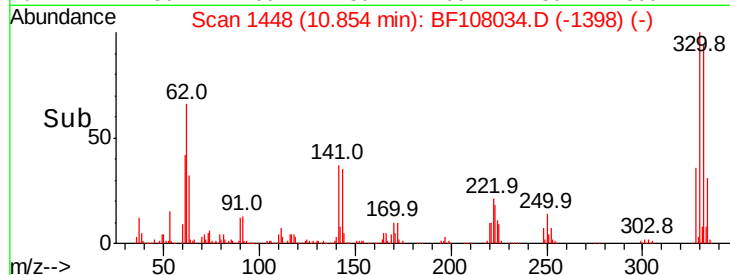
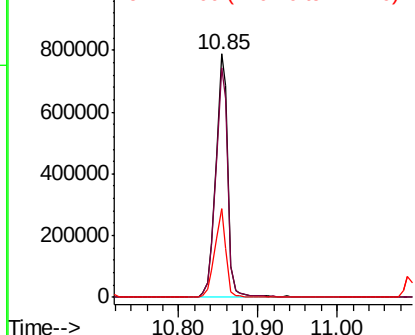
#41
 2,4,6-Tribromophenol
 Concen: 138.614 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 837267
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 33.9 29.9 44.9

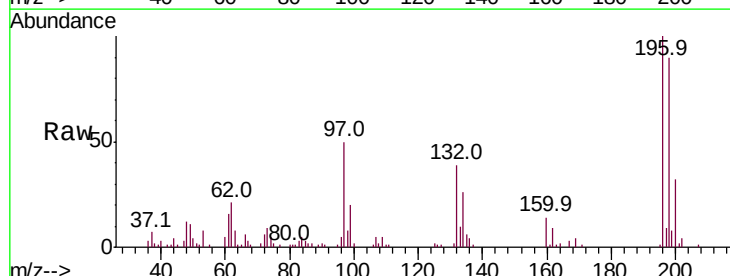


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

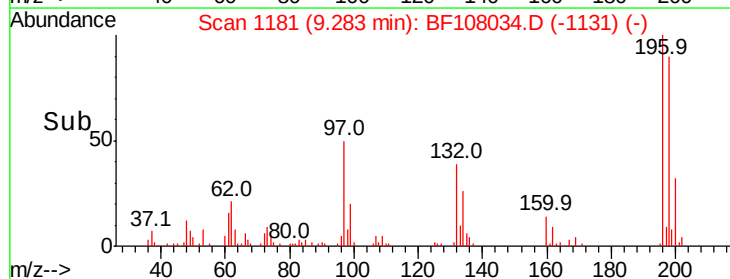
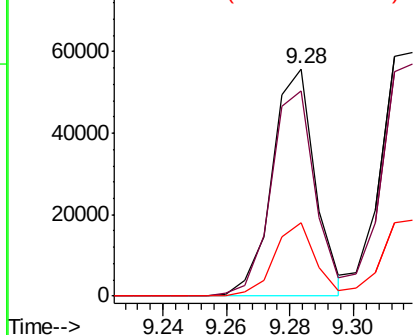


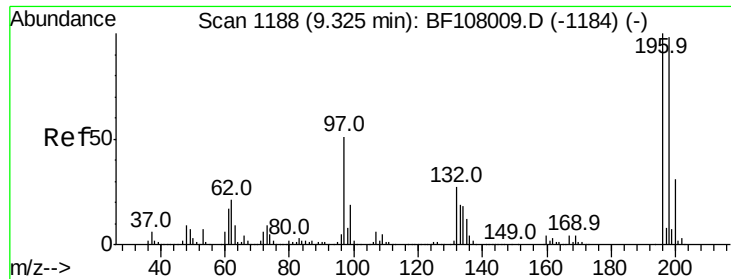
#42
 2,4,6-Trichlorophenol
 Concen: 4.602 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:196 Resp: 53111
 Ion Ratio Lower Upper
 196 100
 198 90.4 75.7 113.5
 200 32.4 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

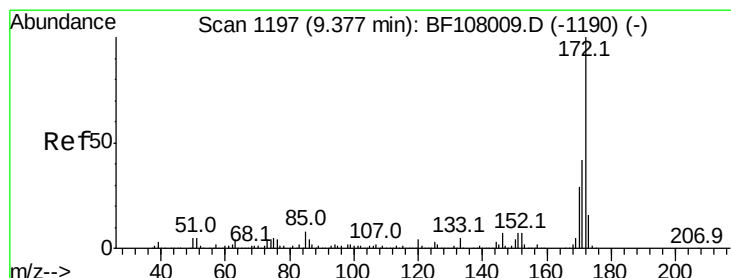
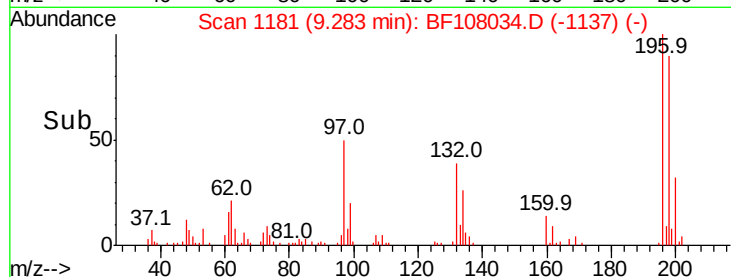
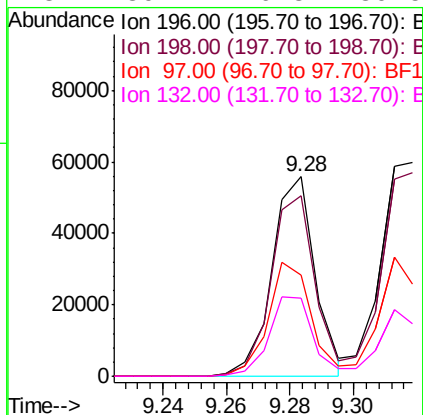
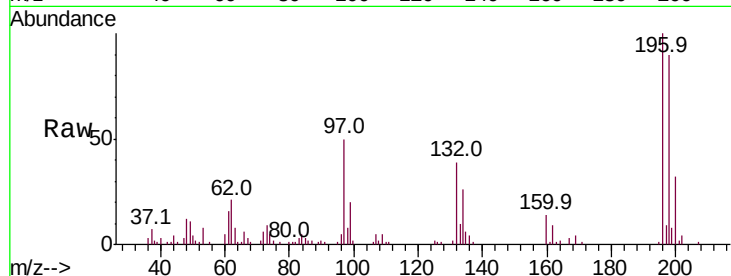




#43
 2,4,5-Trichlorophenol
 Concen: 4.181 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

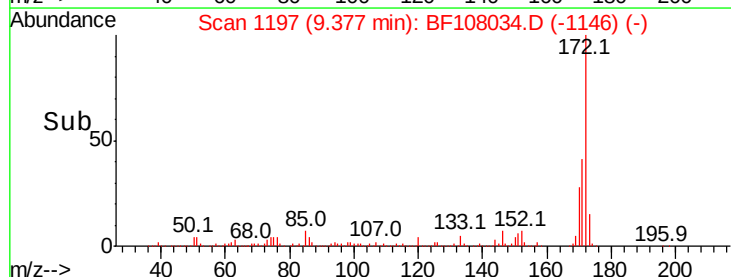
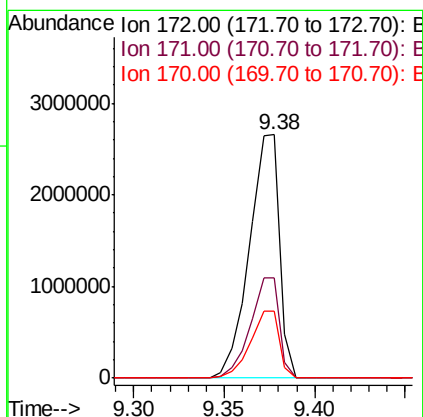
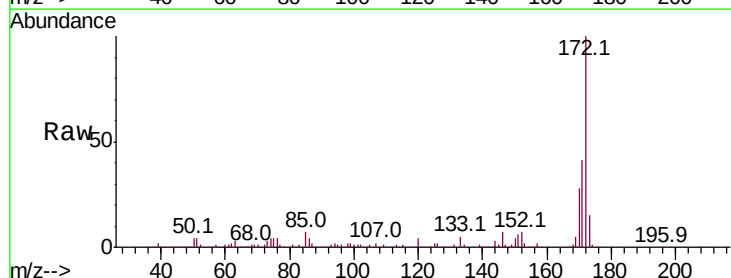
Instrument :
 BNA_F
 ClientSampled :

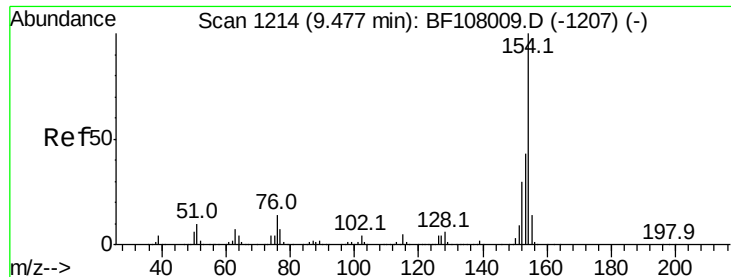
Tot Ion:	196	Resp:	53111
Ion	Ratio	Lower	Upper
196	100		
198	90.4	74.6	112.0
97	50.4	42.9	64.3
132	39.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 81.540 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:	172	Resp:	3075551
Ion	Ratio	Lower	Upper
172	100		
171	41.1	29.7	44.5
170	27.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 5.641 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

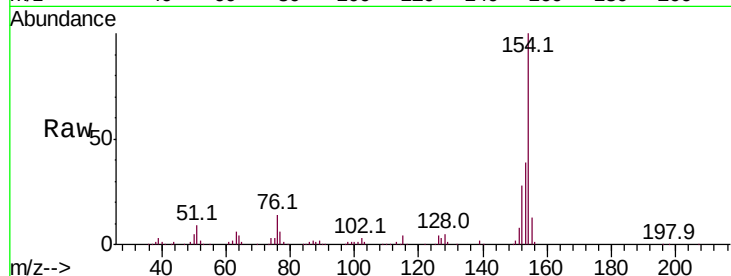
Tot Ion:154 Resp: 251860

Ion Ratio Lower Upper

154 100

153 39.3 21.3 61.3

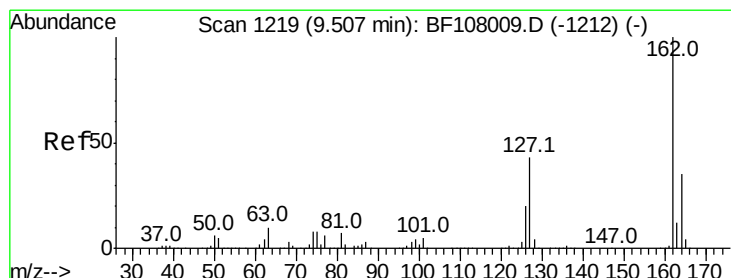
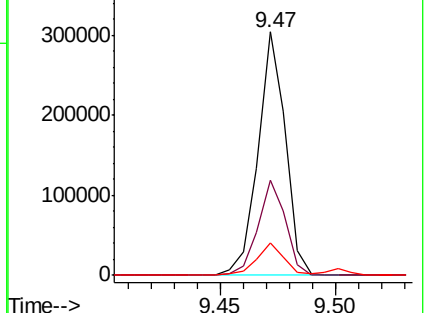
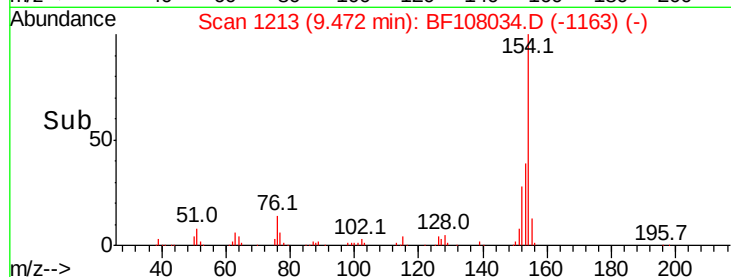
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 5.457 ng

RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

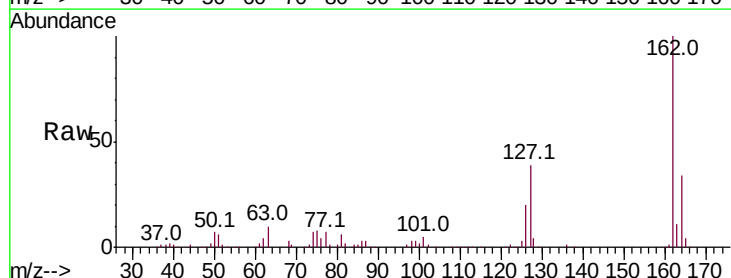
Tgt Ion:162 Resp: 192579

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

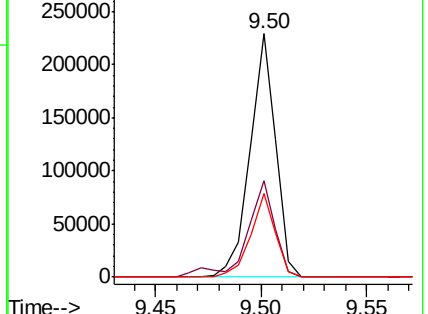
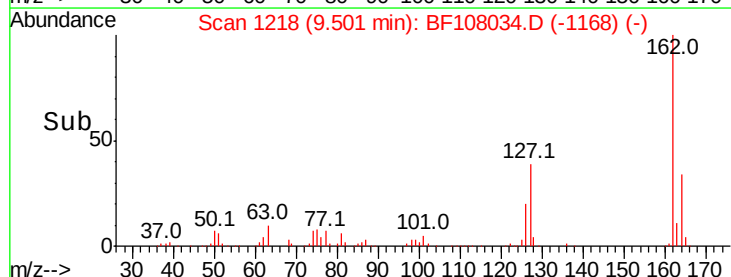
164 34.4 26.5 39.7

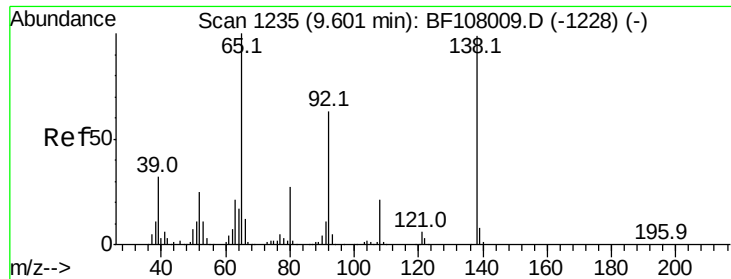


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

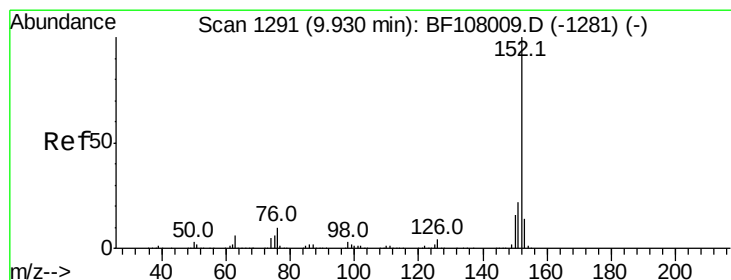
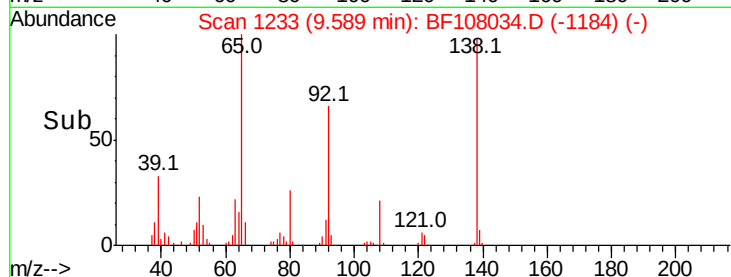
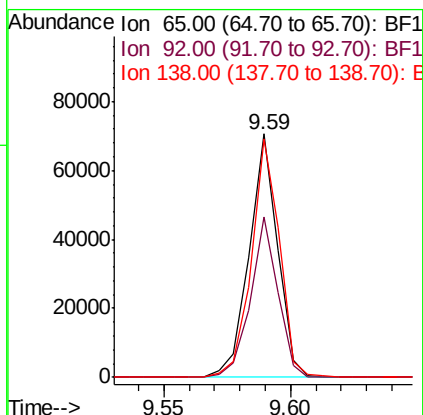
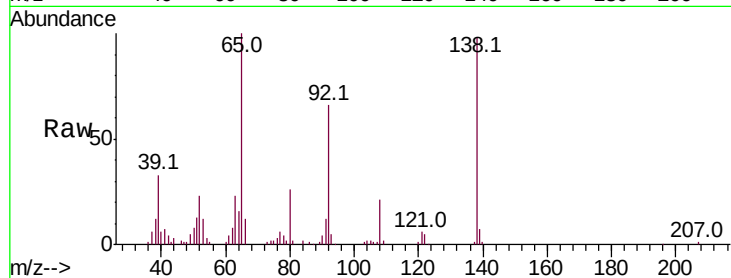




#47
2-Nitroaniline
Concen: 4.830 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

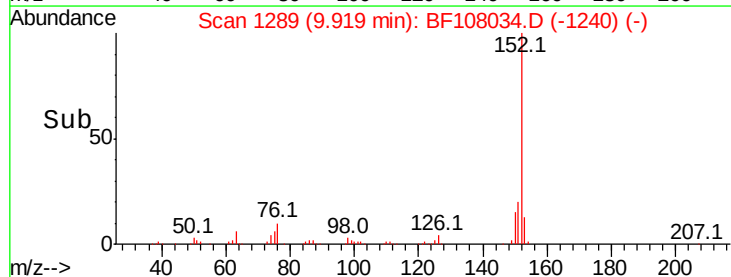
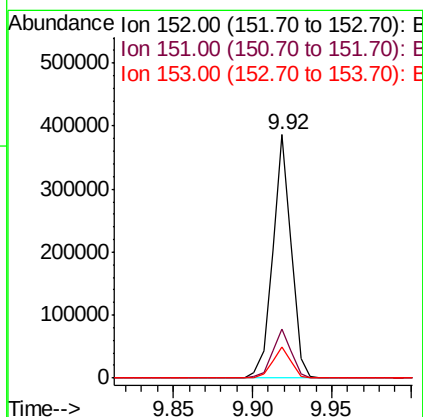
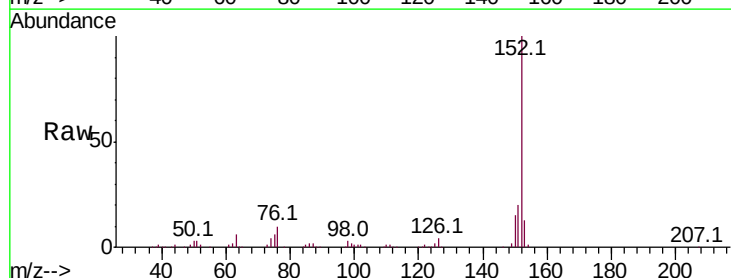
Instrument :
BNA_F
ClientSampled :

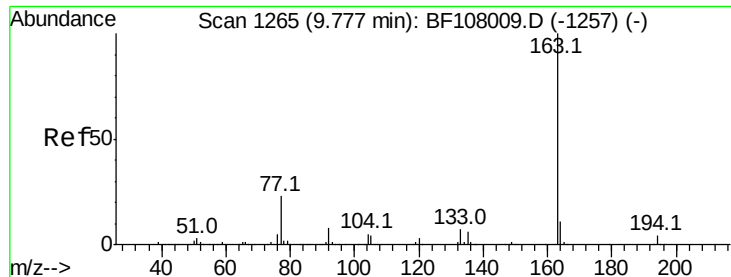
Tot Ion: 65 Resp: 55146
Ion Ratio Lower Upper
65 100
92 65.8 55.8 83.6
138 98.1 91.2 136.8



#48
Acenaphthylene
Concen: 5.672 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion: 152 Resp: 316415
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.0 10.7 16.1

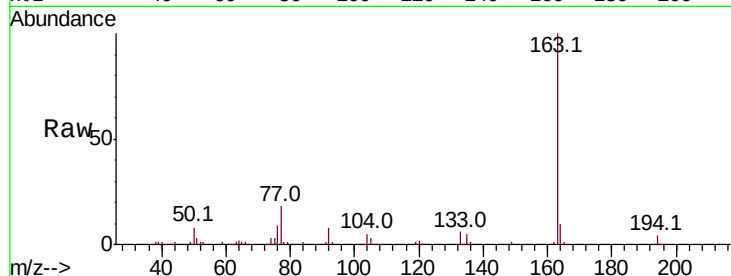




#49
Dimethylphthalate
Concen: 5.444 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

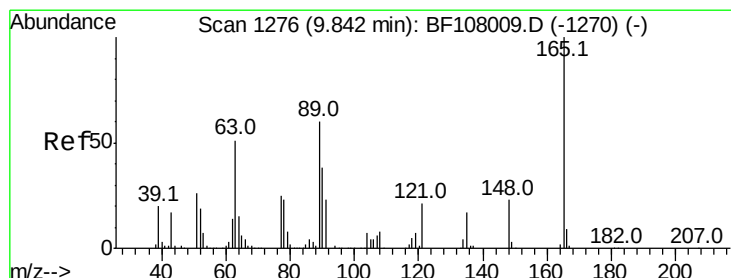
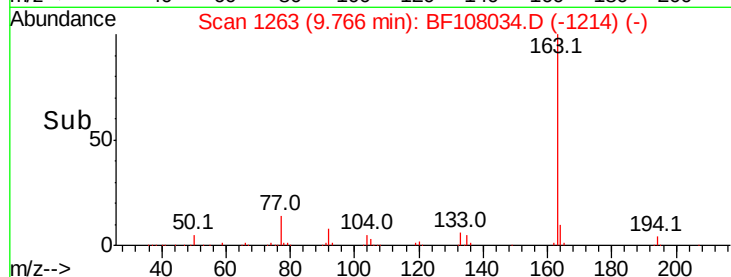
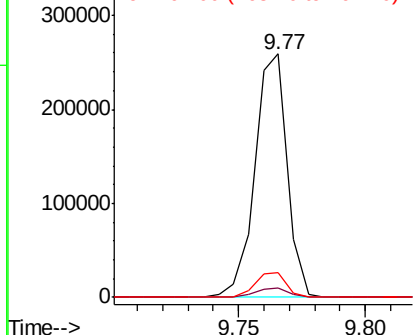


Abundance

Ion 163.00 (162.70 to 163.70): E

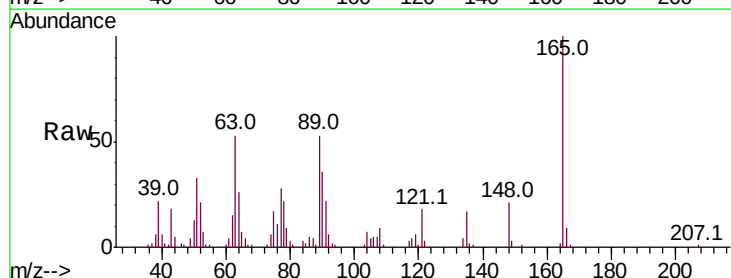
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 5.273 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.4	44.7	67.1
89	53.5	44.0	66.0

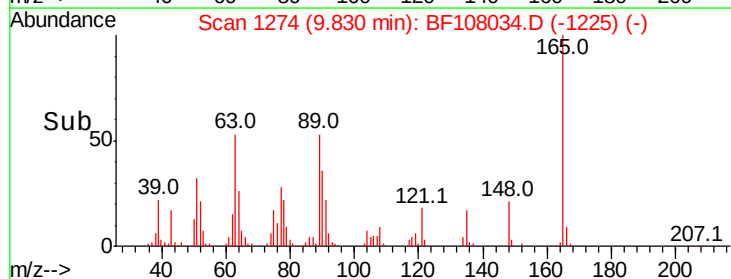
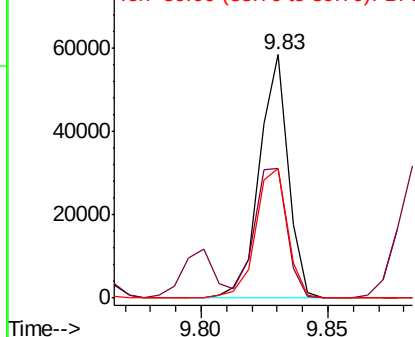


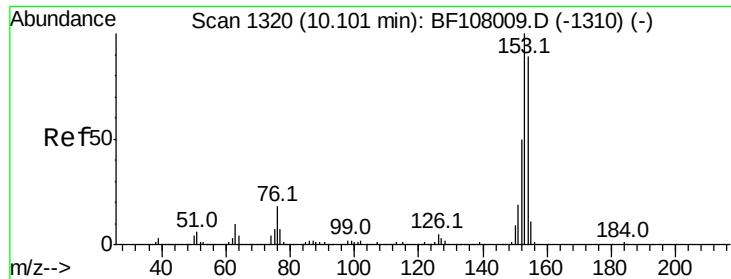
Abundance

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: 5.499 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

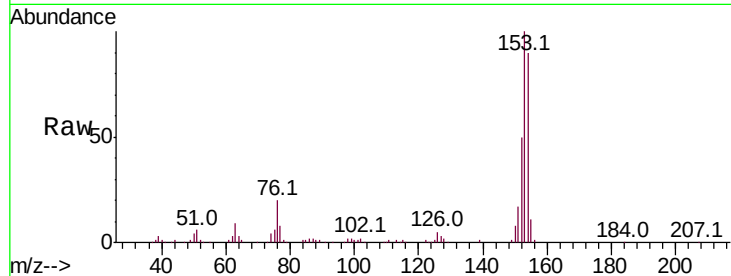
Tot Ion:154 Resp: 187911

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

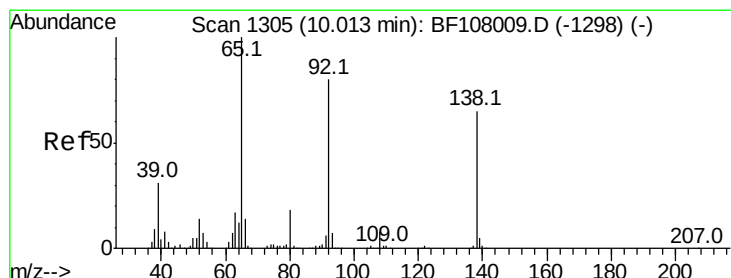
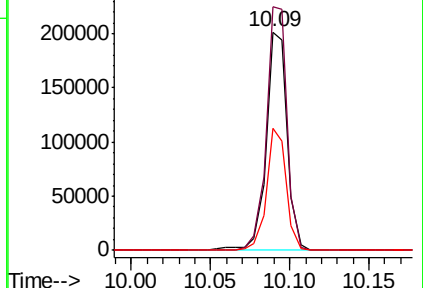
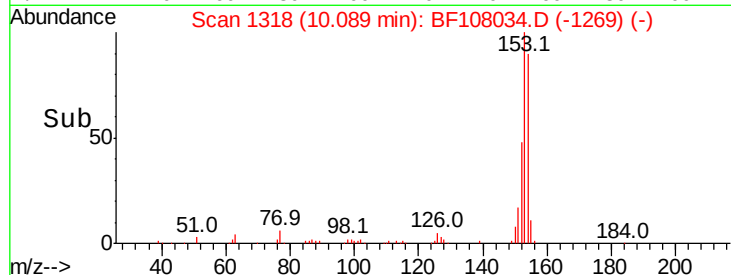
152 55.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.625 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

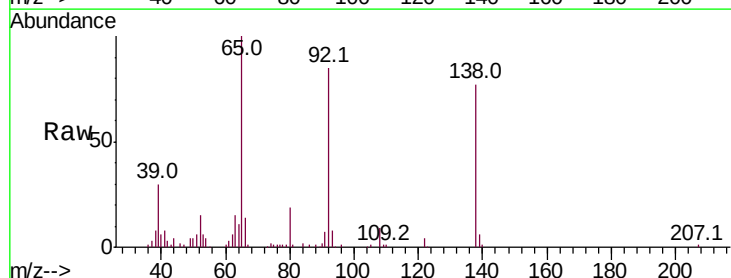
Tgt Ion:138 Resp: 44661

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

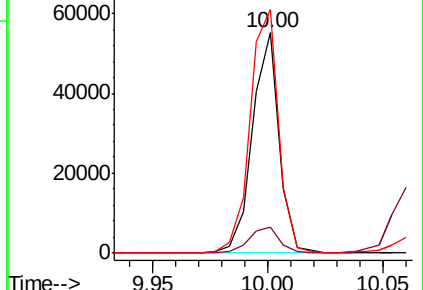
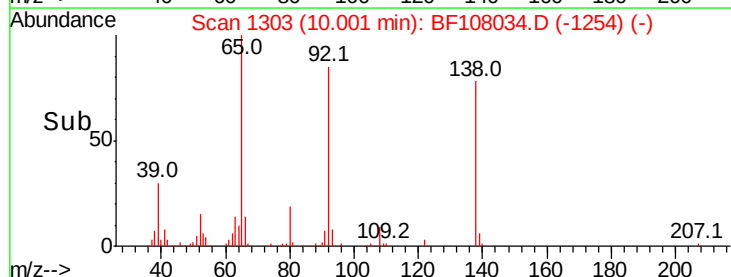
92 110.5 89.4 134.2

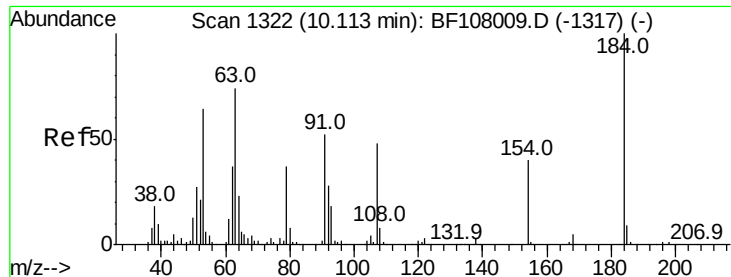


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

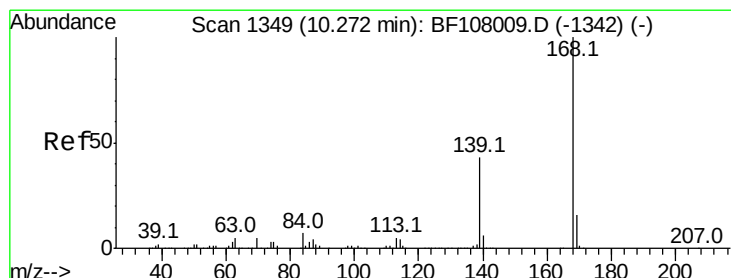
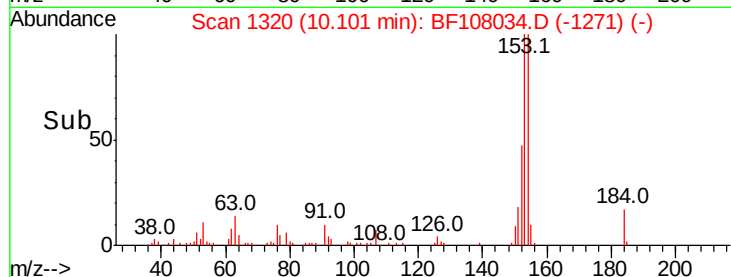
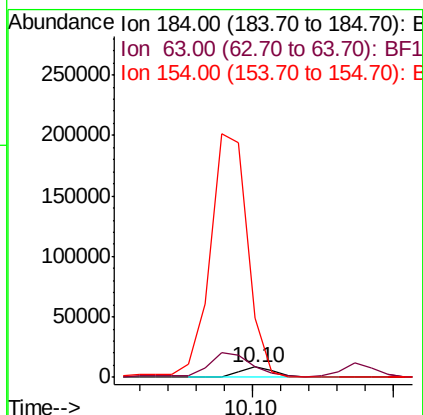
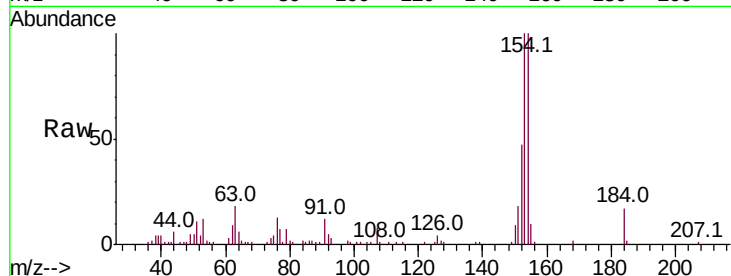




#53
 2,4-Dinitrophenol
 Concen: 8.981 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

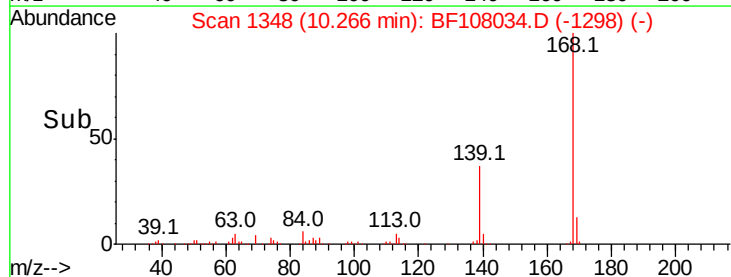
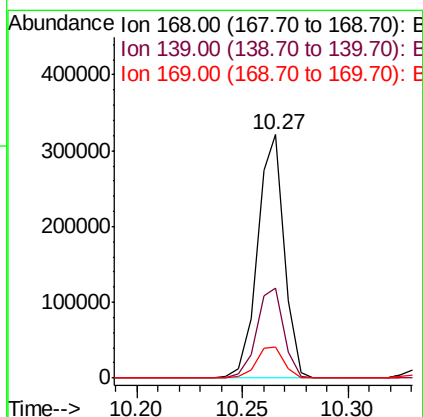
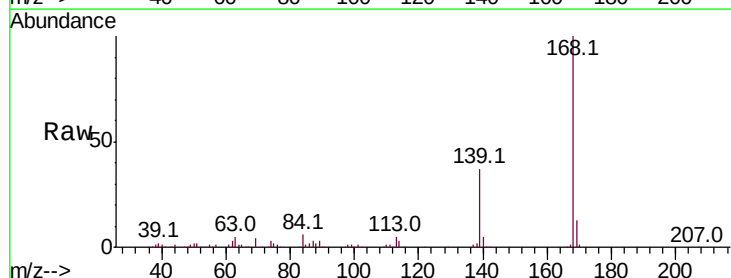
Instrument :
 BNA_F
 ClientSampled :

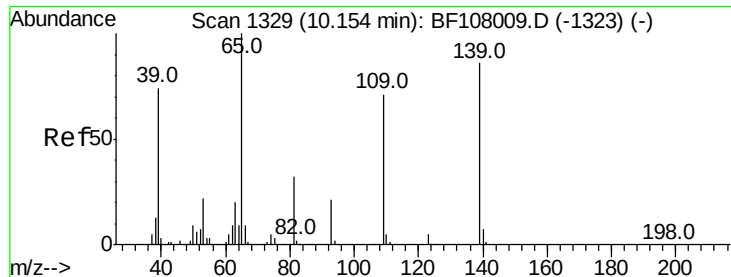
Tot Ion:184 Resp: 7098
 Ion Ratio Lower Upper
 184 100
 63 108.2 54.2 81.2#
 154 589.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 5.706 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:168 Resp: 282493
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 12.8 10.9 16.3

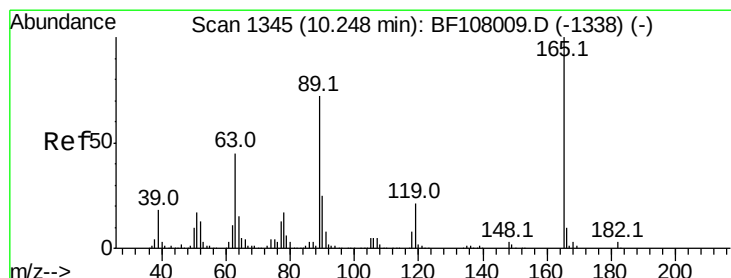
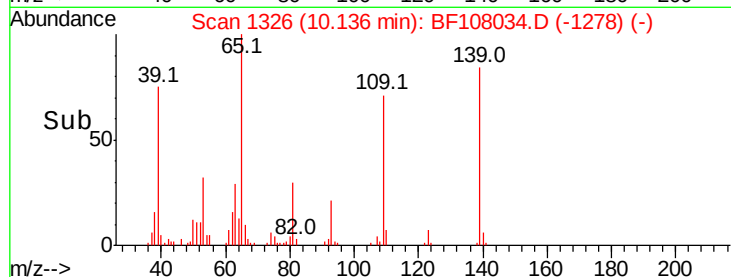
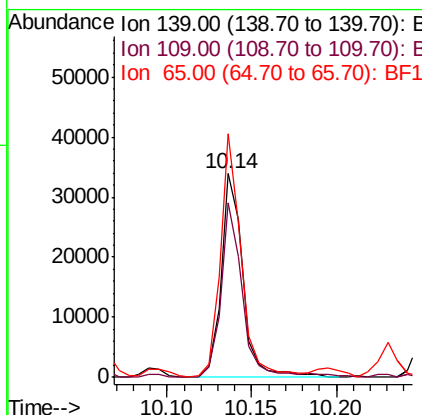
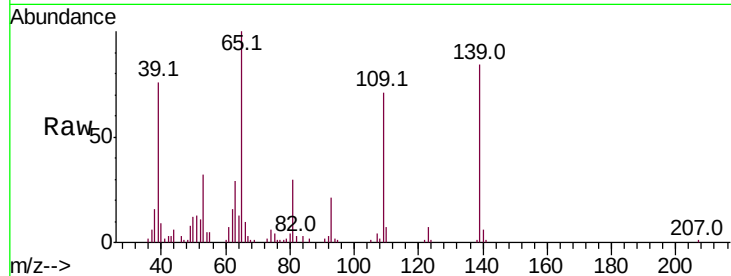




#55
4-Nitrophenol
Concen: 4.149 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

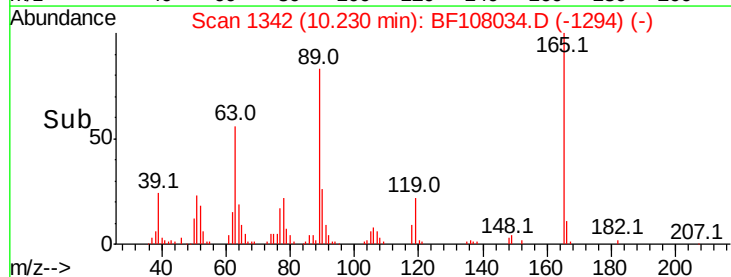
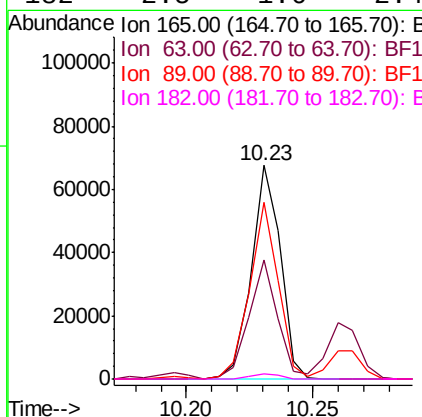
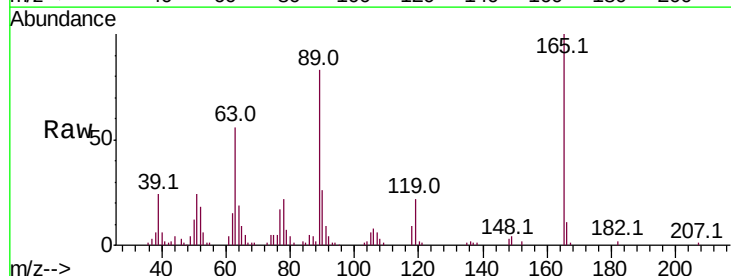
Instrument :
BNA_F
ClientSampled :

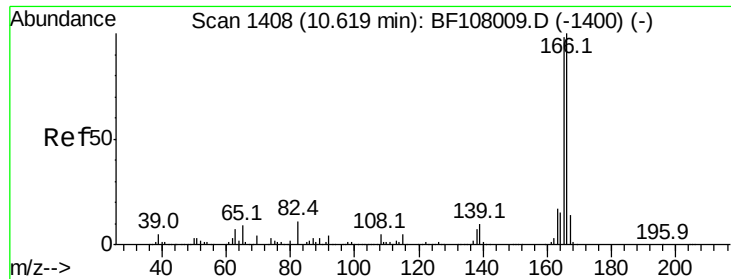
Tot Ion:139 Resp: 30340
Ion Ratio Lower Upper
139 100
109 85.6 48.4 88.4
65 119.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 4.759 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:165 Resp: 54060
Ion Ratio Lower Upper
165 100
63 56.0 36.4 54.6#
89 82.5 57.8 86.6
182 2.5 1.6 2.4#

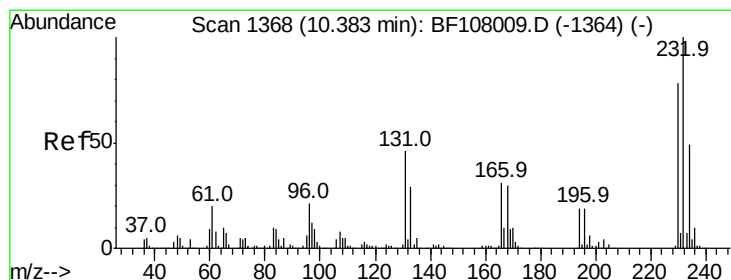
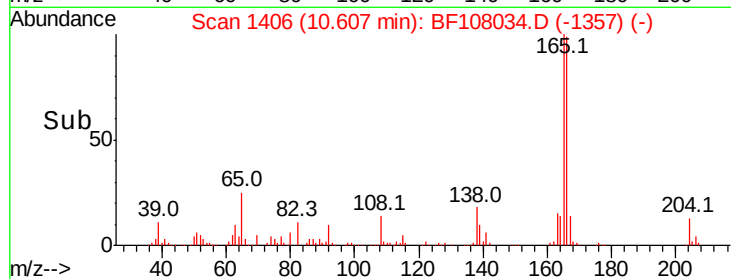
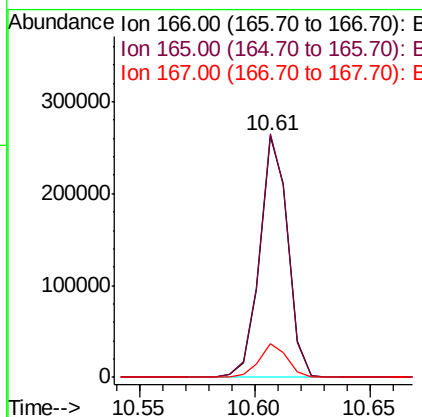
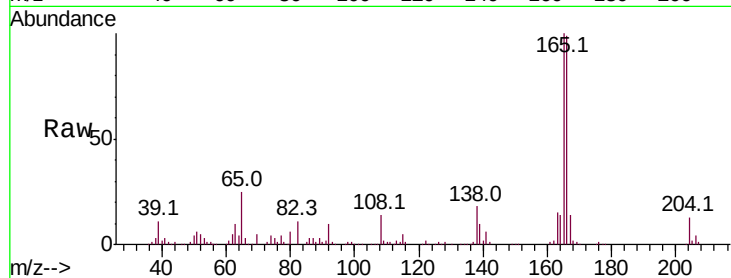




#57
 Fluorene
 Concen: 5.675 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

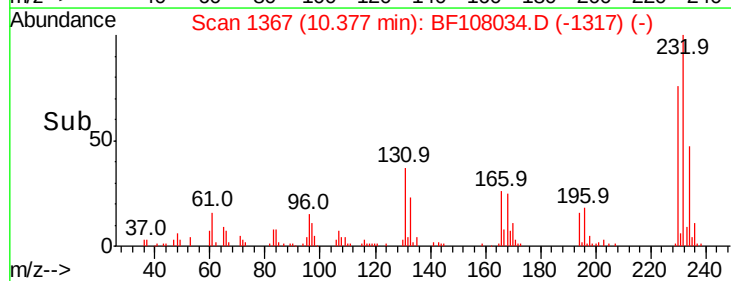
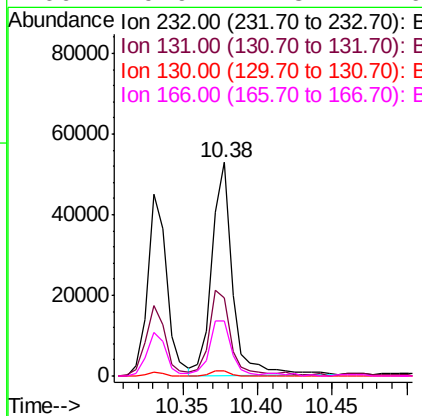
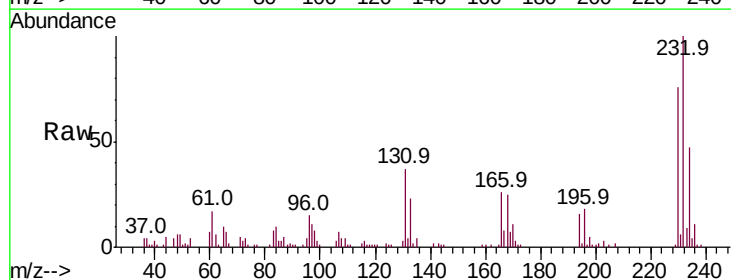
Instrument :
 BNA_F
 ClientSampleId :

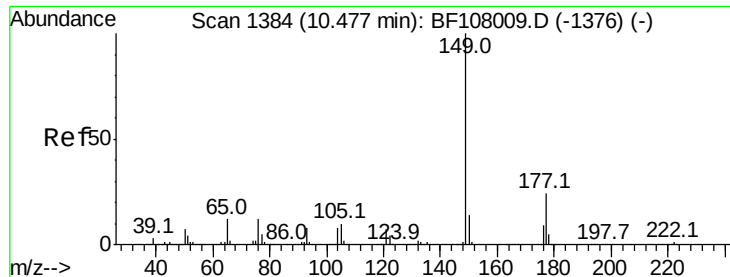
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.749 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	43.8	65.8
130	2.4	2.1	3.1
166	29.9	27.8	41.6

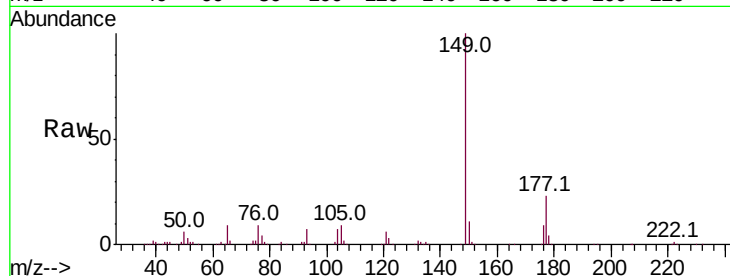




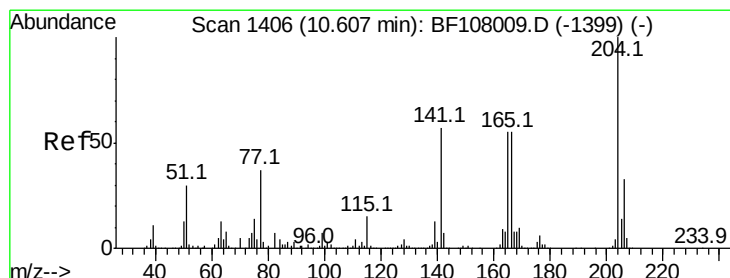
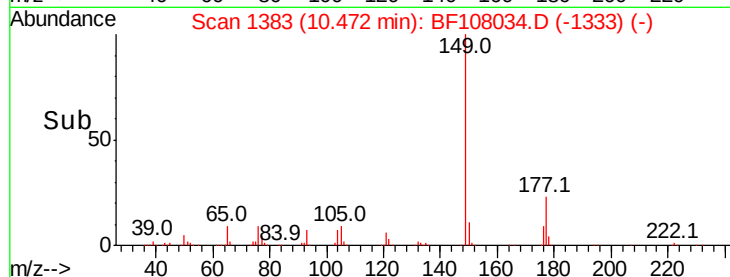
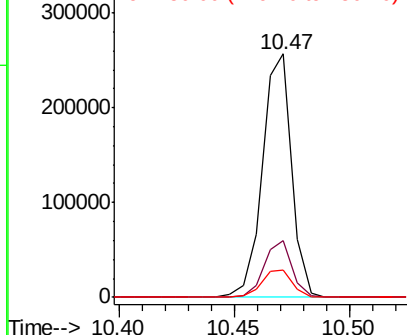
#59
Diethylphthalate
Concen: 5.533 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 226020
Ion Ratio Lower Upper
149 100
177 23.1 16.1 24.1
150 11.5 10.1 15.1

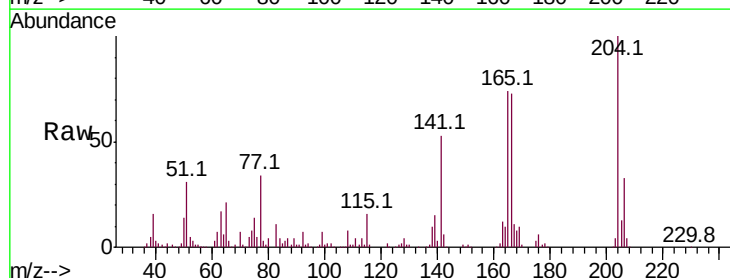


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

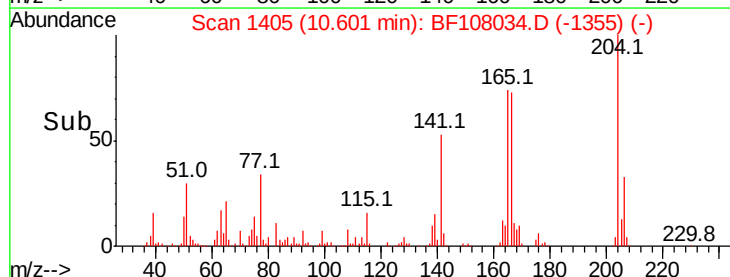
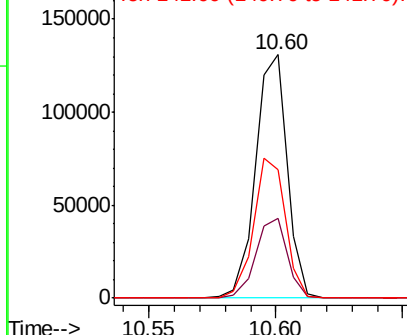


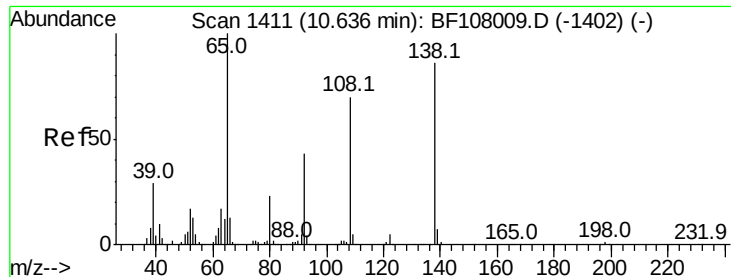
#60
4-Chlorophenyl-phenylether
Concen: 5.598 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:204 Resp: 114304
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 52.7 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

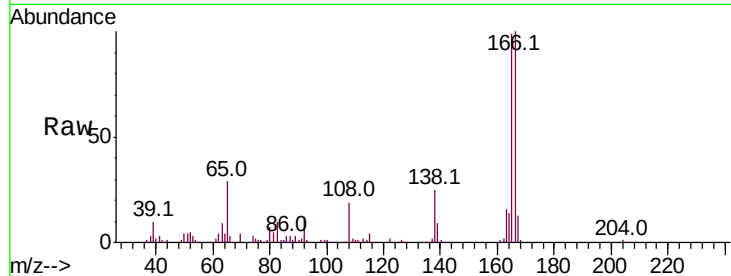




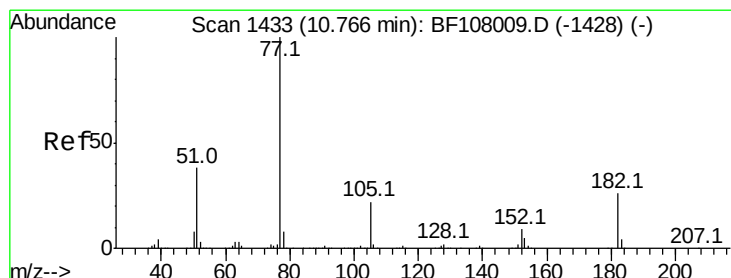
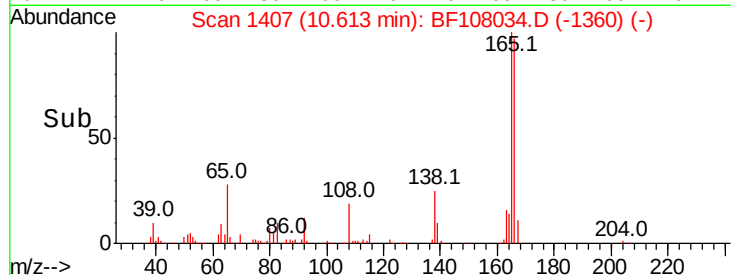
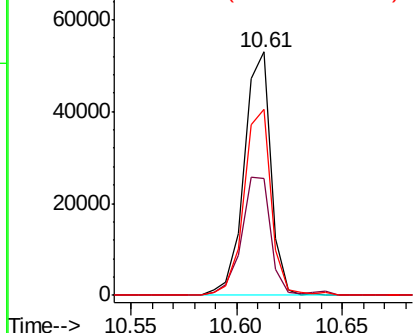
#61
4-Nitroaniline
Concen: 4.859 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 46385
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 76.2 52.5 92.5

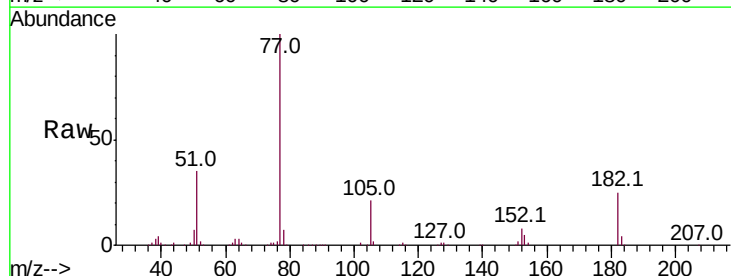


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

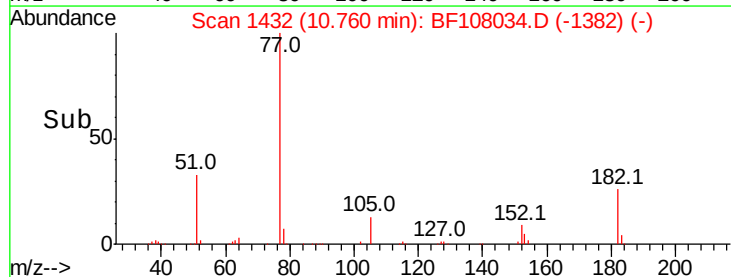
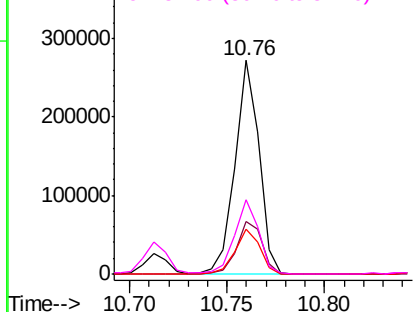


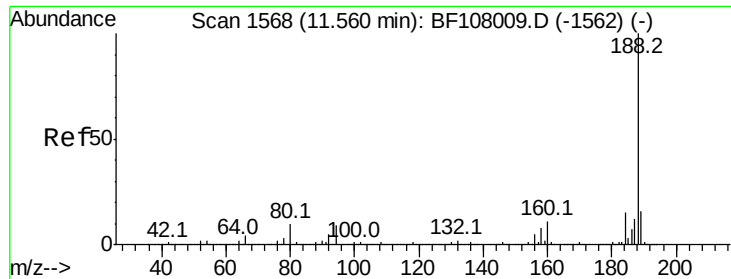
#62
Azobenzene
Concen: 5.518 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion: 77 Resp: 232776
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 21.2 3.0 43.0
51 34.9 9.9 49.9



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

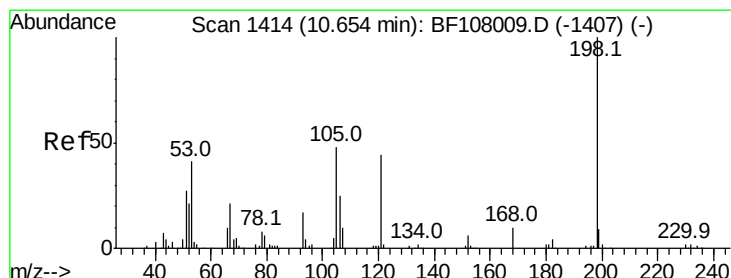
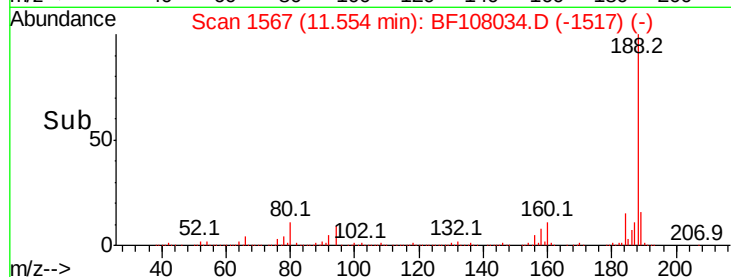
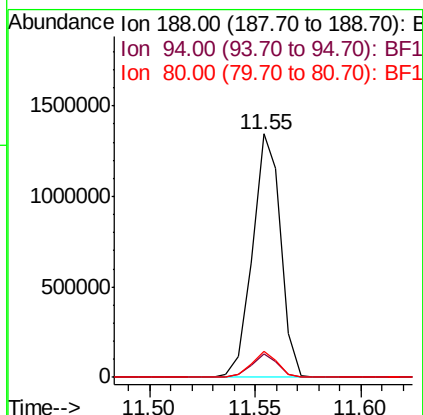
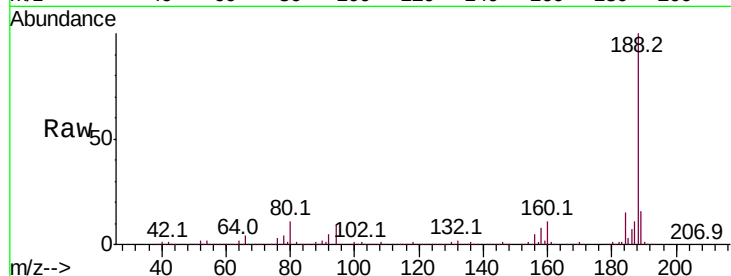




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

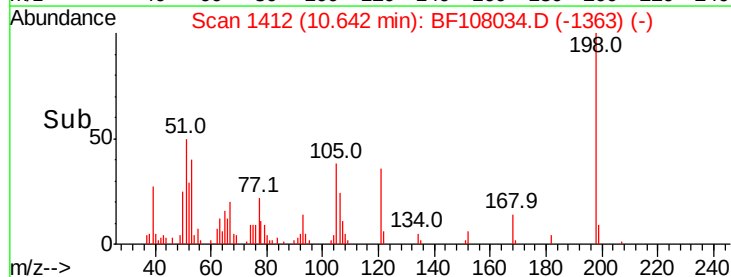
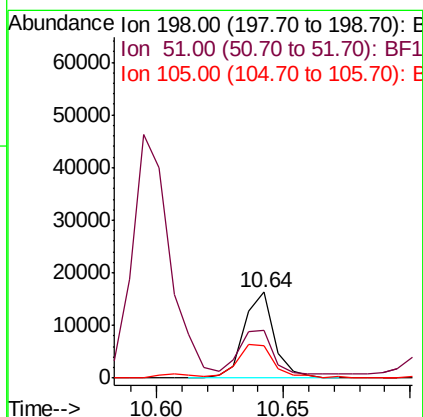
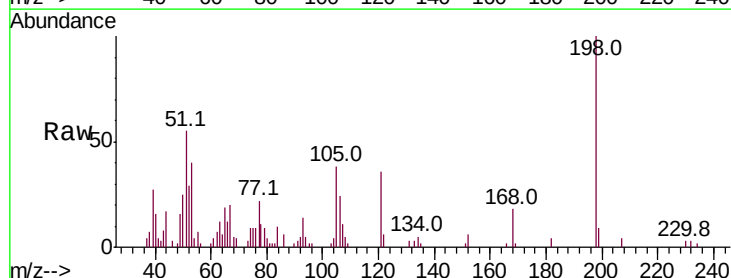
Instrument :
 BNA_F
 ClientSampleId :

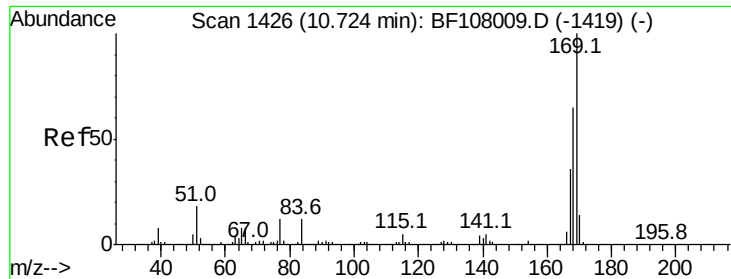
Tot Ion:188 Resp: 1246035
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.940 ng
 RT: 10.64 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:198 Resp: 13591
 Ion Ratio Lower Upper
 198 100
 51 55.3 37.7 77.7
 105 38.0 36.3 76.3

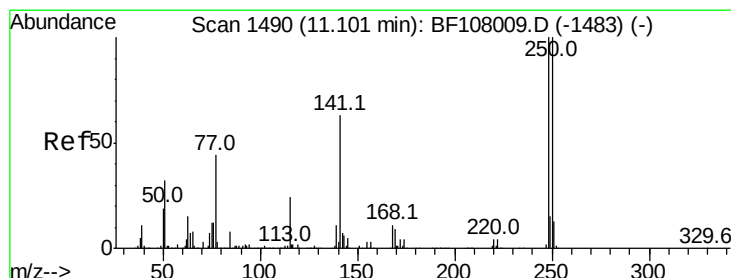
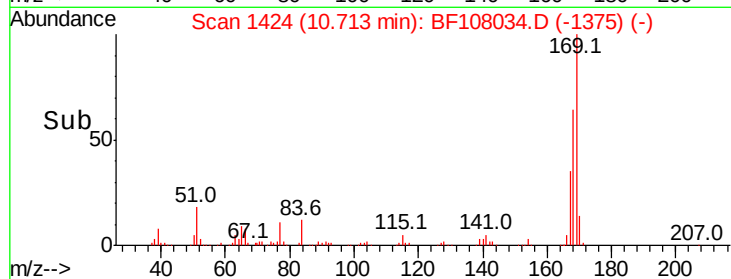
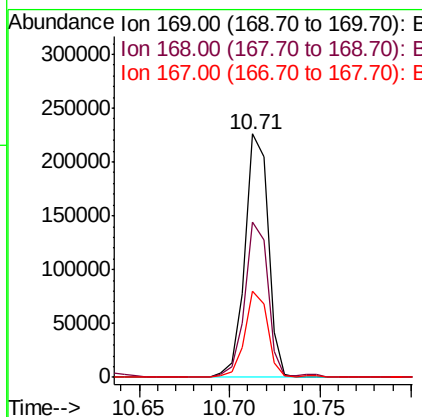
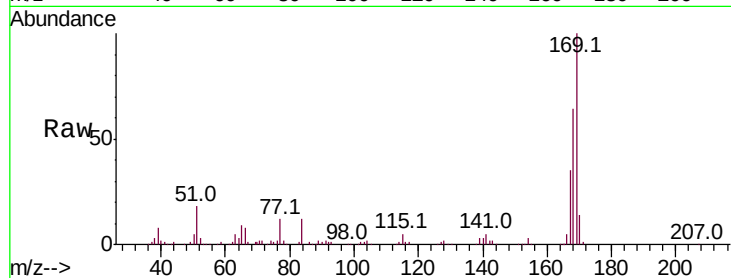




#65
n-Nitrosodiphenylamine
Concen: 5.490 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

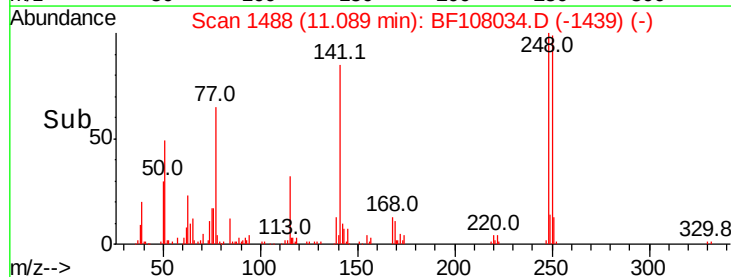
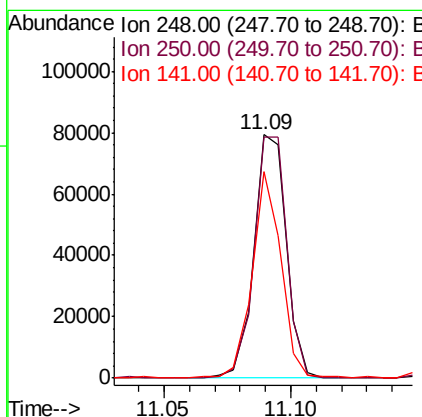
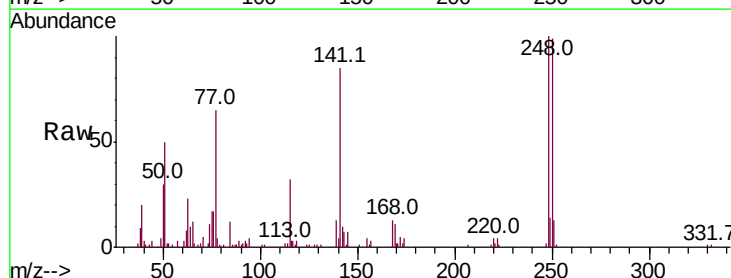
Instrument :
BNA_F
ClientSampleId :

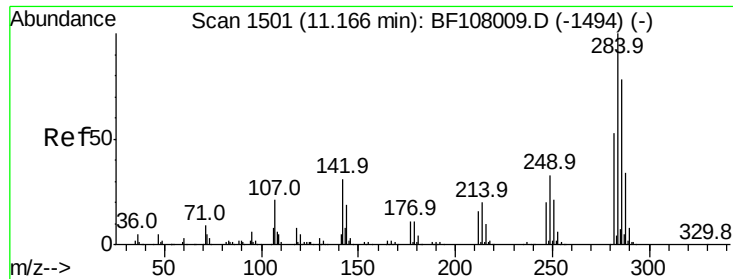
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.3	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 5.227 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.9	115.3
141	84.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 5.263 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

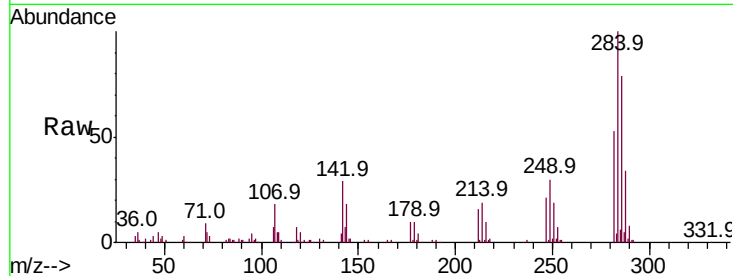
Tot Ion:284 Resp: 74988

Ion Ratio Lower Upper

284 100

142 28.5 34.6 52.0#

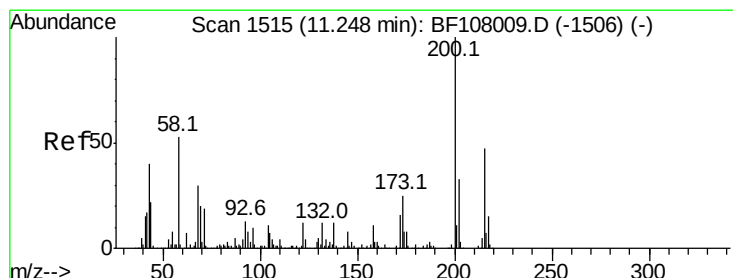
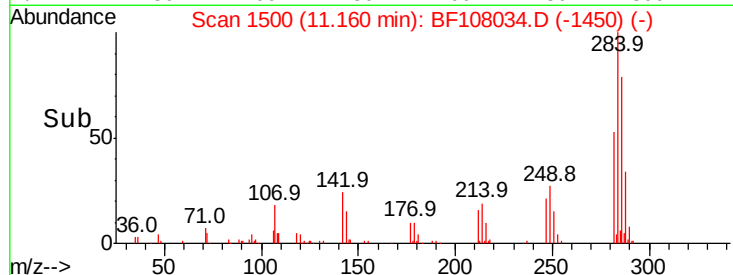
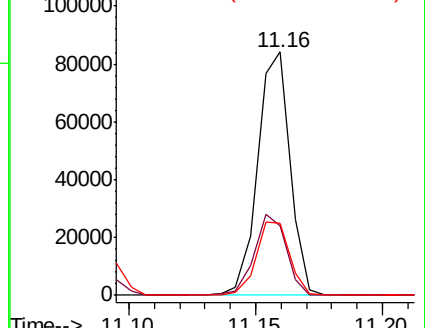
249 29.7 24.8 37.2



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: 5.101 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

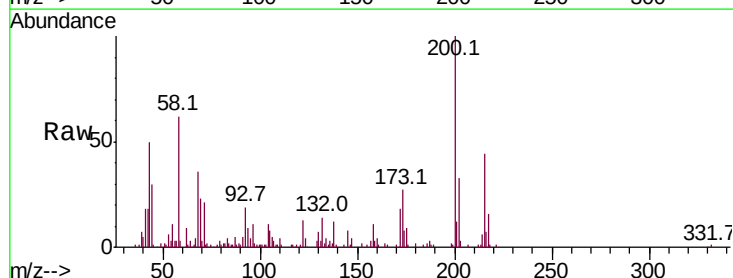
Tgt Ion:200 Resp: 62999

Ion Ratio Lower Upper

200 100

173 26.9 8.6 48.6

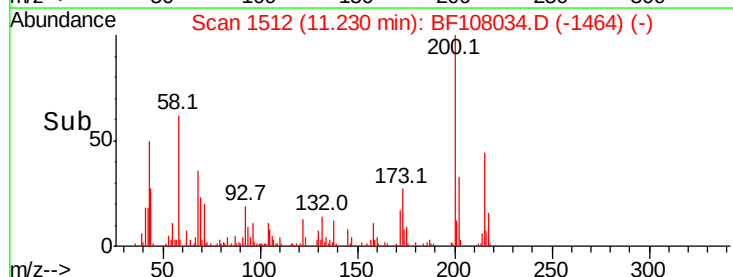
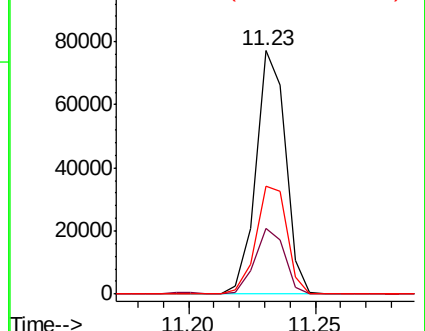
215 44.2 25.1 65.1

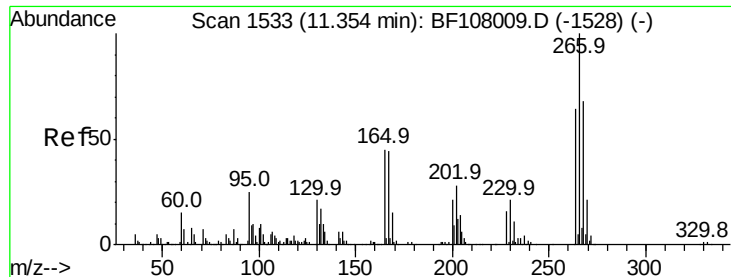


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

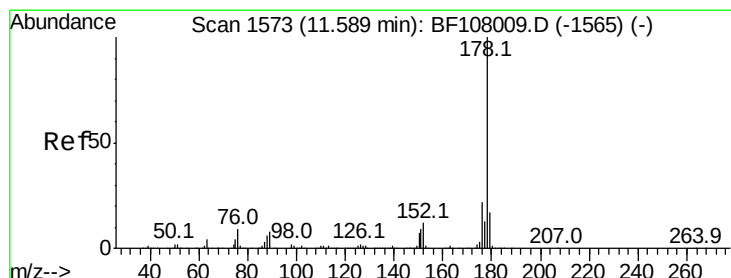
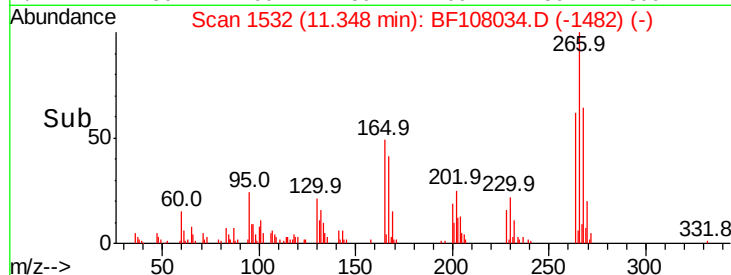
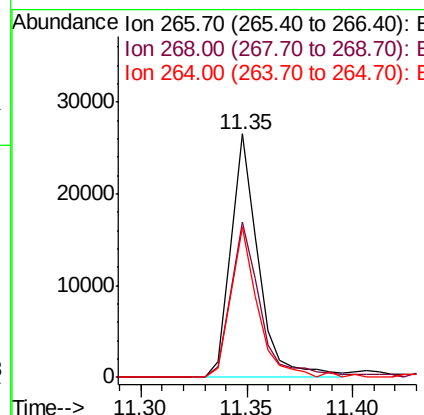
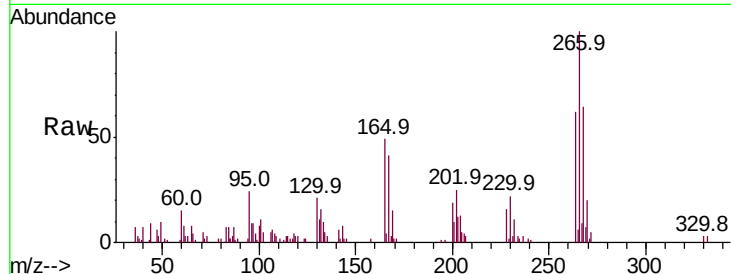




#69
 Pentachlorophenol
 Concen: 3.515 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

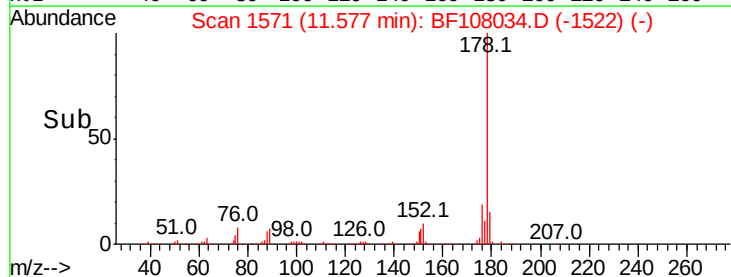
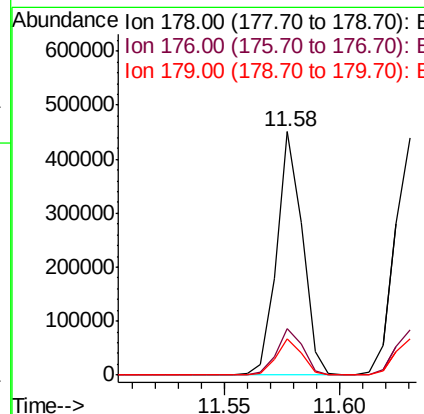
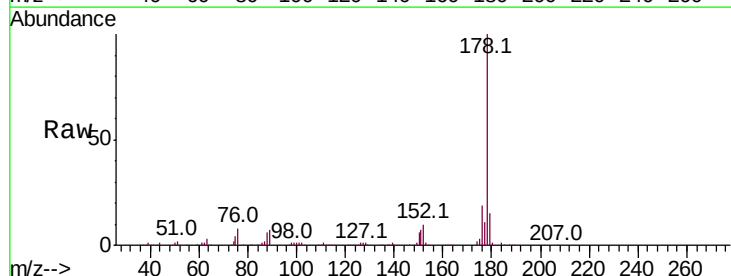
Instrument :
 BNA_F
 ClientSampleId :

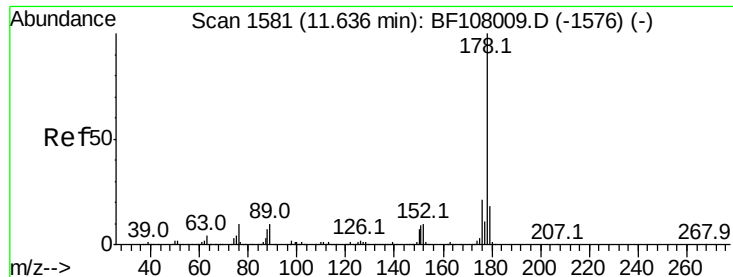
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	61.6	49.5	74.3



#70
 Phenanthrene
 Concen: 5.896 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.8	13.0	19.6

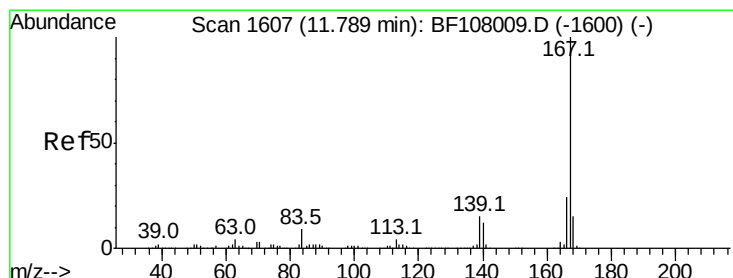
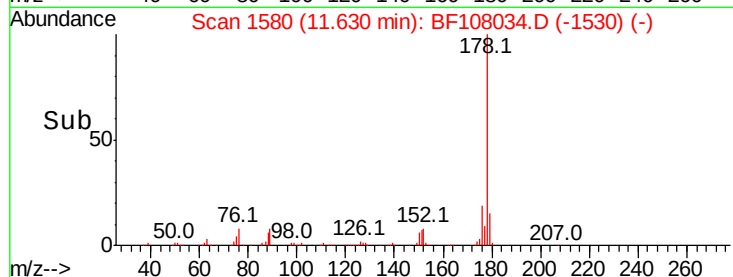
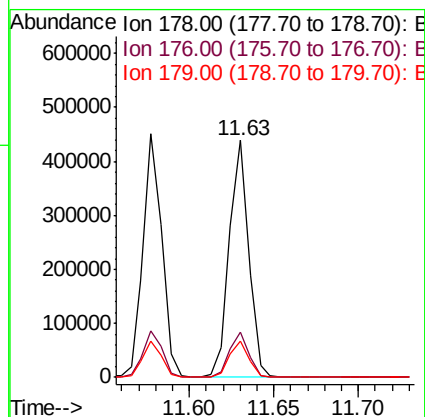
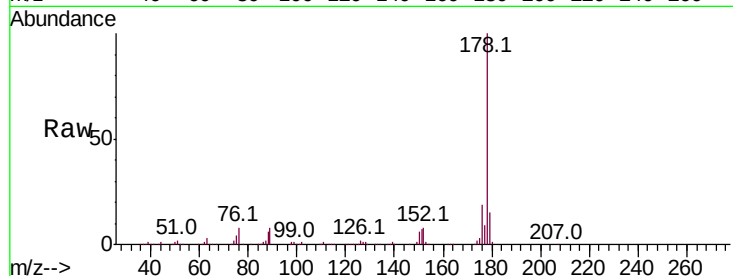




#71
 Anthracene
 Concen: 5.834 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

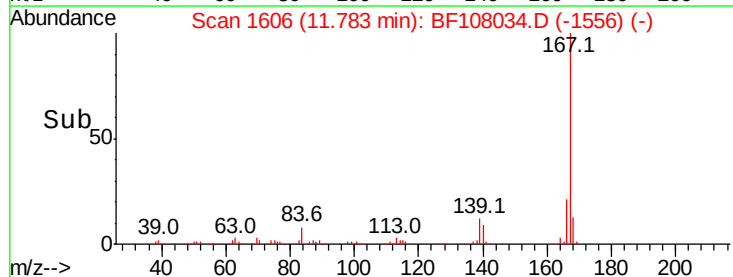
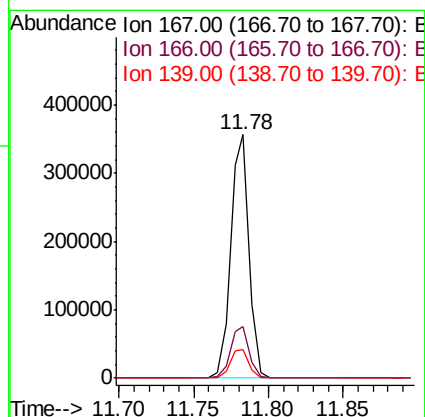
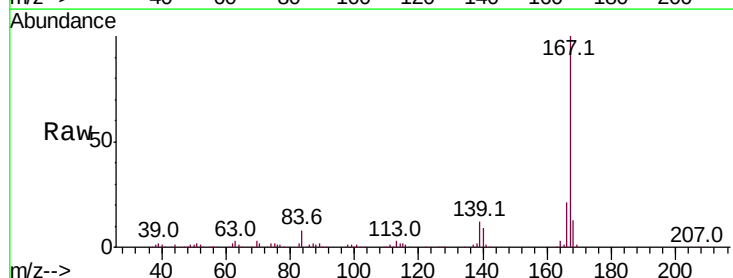
Instrument :
 BNA_F
 ClientSampleId :

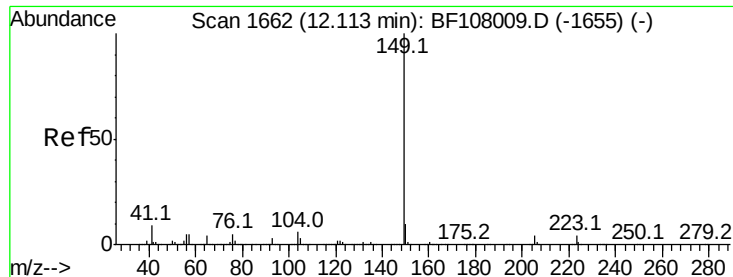
Tot Ion:178 Resp: 351414
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 5.784 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:167 Resp: 309523
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 11.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 5.707 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

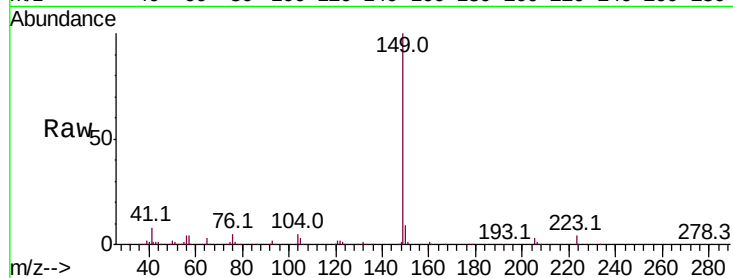
Tot Ion:149 Resp: 345962

Ion Ratio Lower Upper

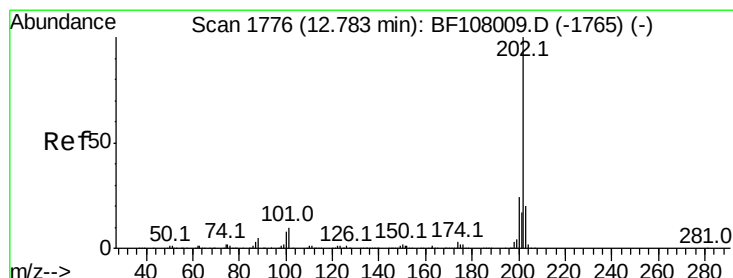
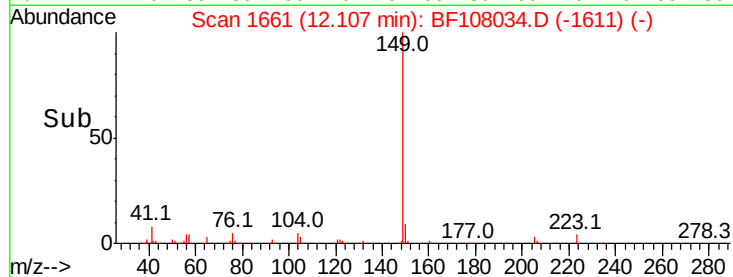
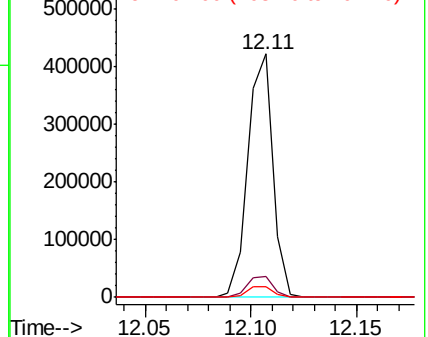
149 100

150 8.8 7.8 11.6

104 4.6 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: 5.949 ng

RT: 12.77 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

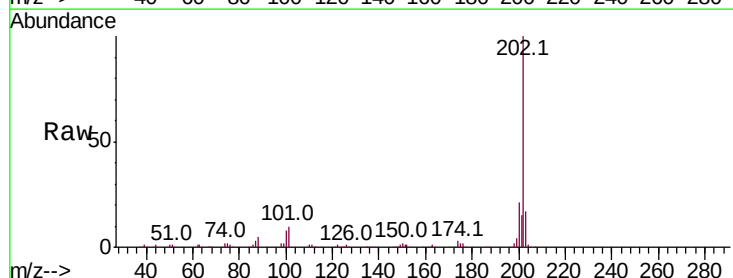
Tgt Ion:202 Resp: 381566

Ion Ratio Lower Upper

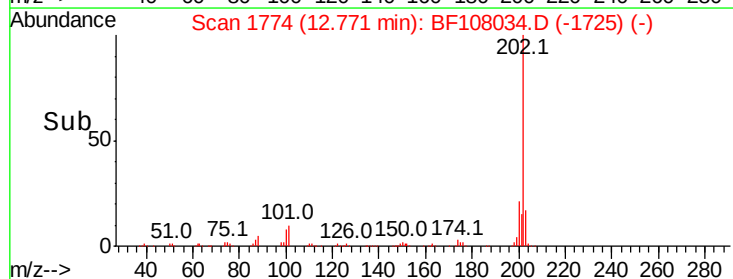
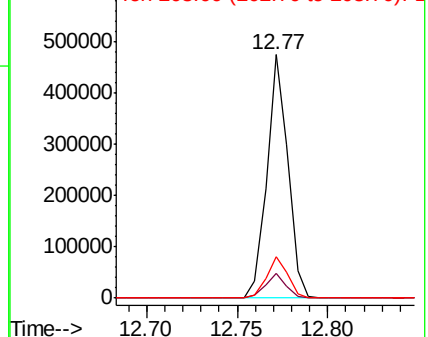
202 100

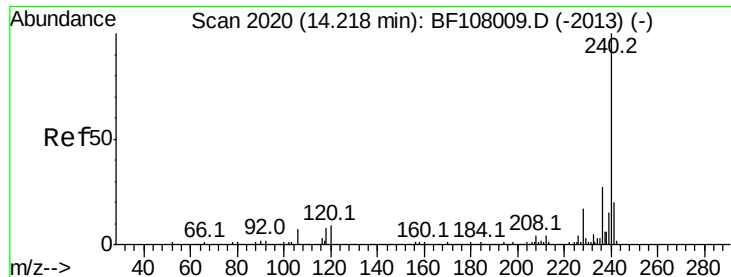
101 9.9 0.0 34.1

203 17.0 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: BF108034.D

Acq: 8 Aug 2018 21:59

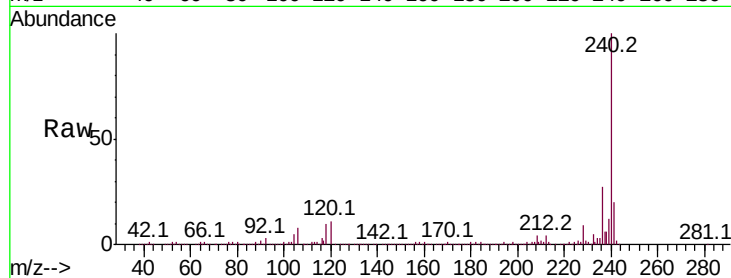
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1110957

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.7	20.7	31.1

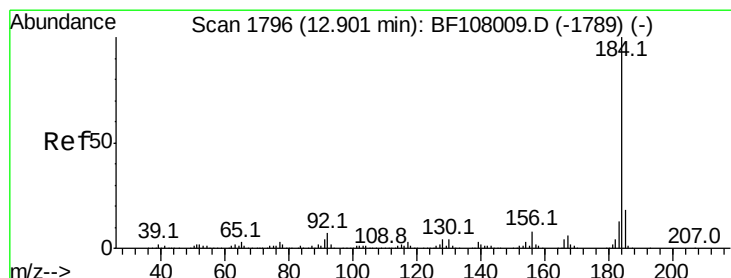
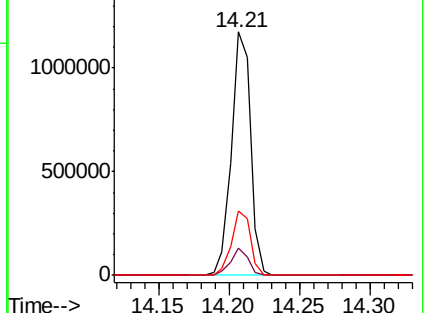
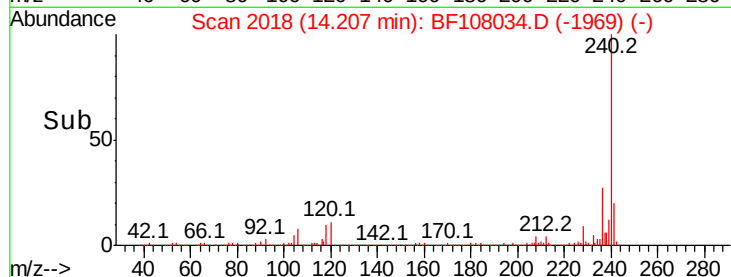


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.594 ng

RT: 12.89 min Scan# 1794

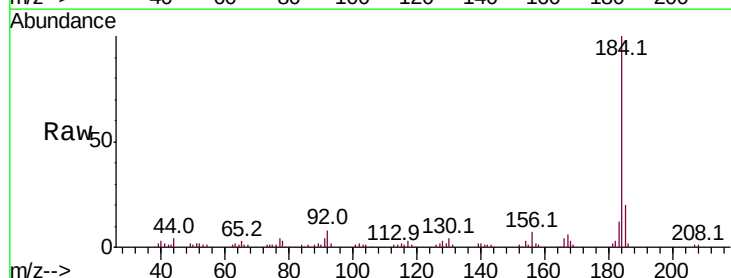
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion:184 Resp: 66169

Ion	Ratio	Lower	Upper
184	100		
185	19.9	12.6	18.8#
183	12.4	9.3	13.9

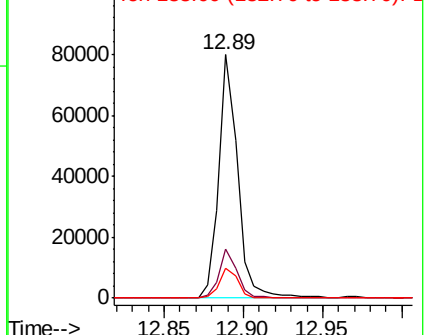
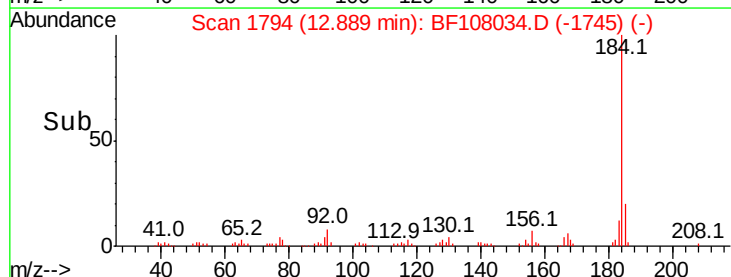


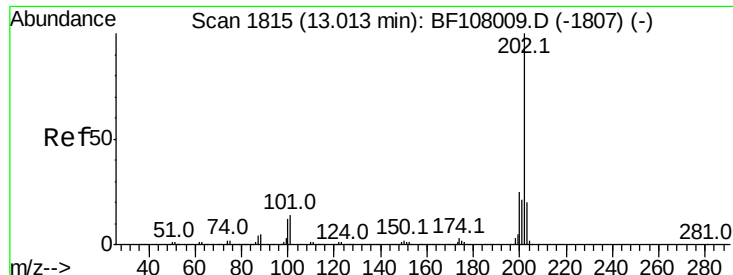
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

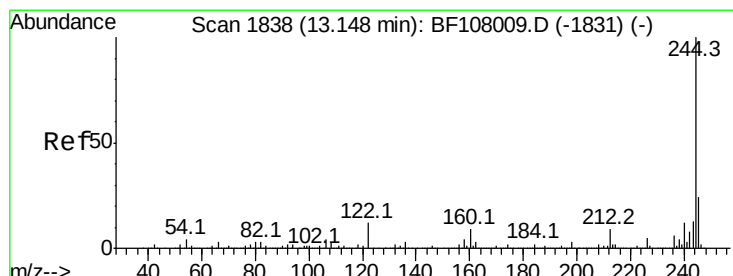
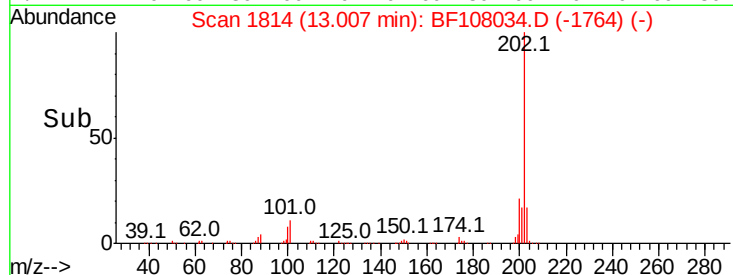
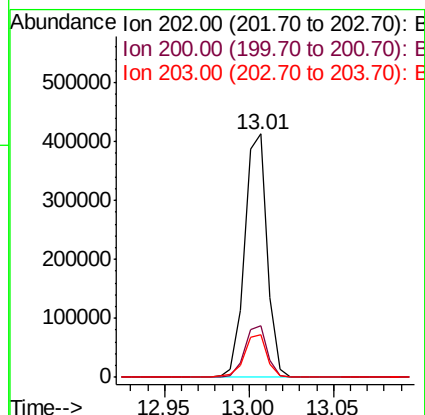
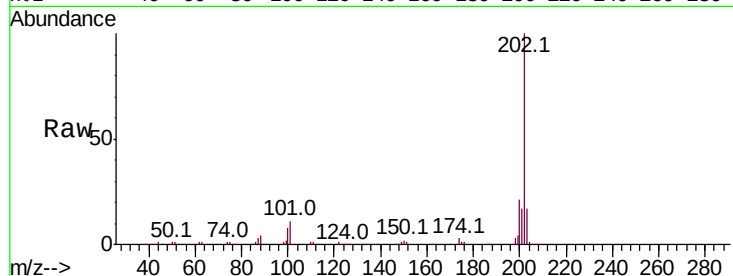




#77
Pvrene
Concen: 5.430 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

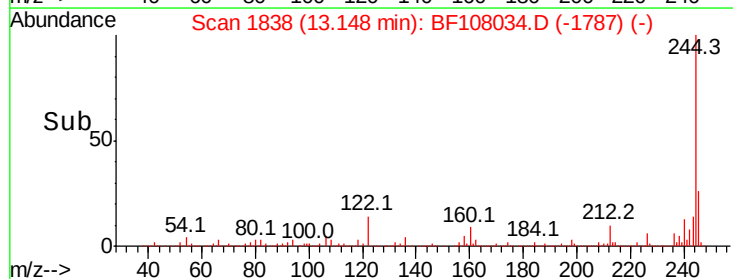
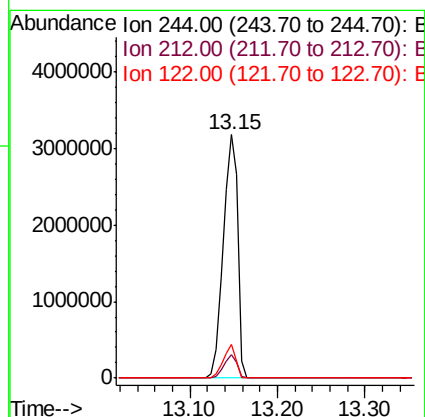
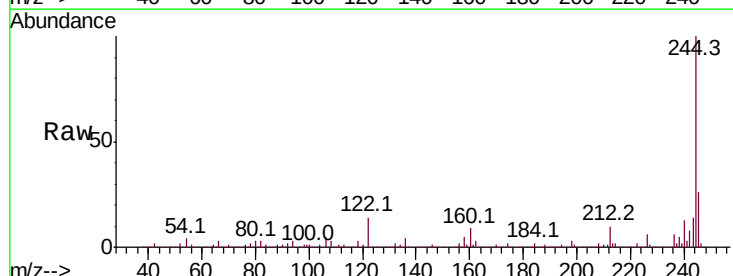
Instrument :
BNA_F
ClientSampled :

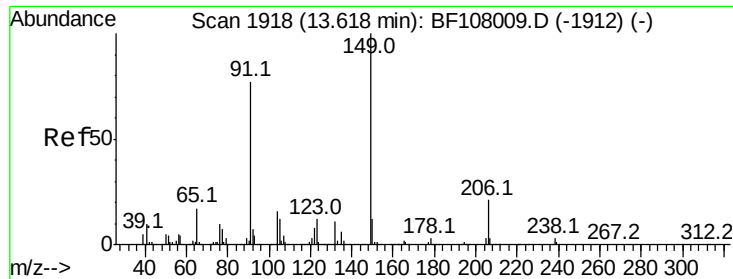
Tot Ion:202 Resp: 381913
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 83.383 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:244 Resp: 3643345
Ion Ratio Lower Upper
244 100
212 9.8 5.4 8.0#
122 13.9 11.0 16.4

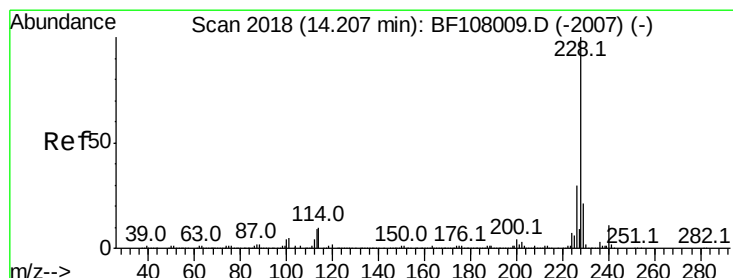
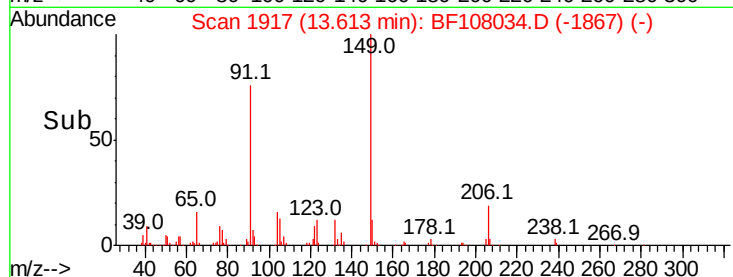
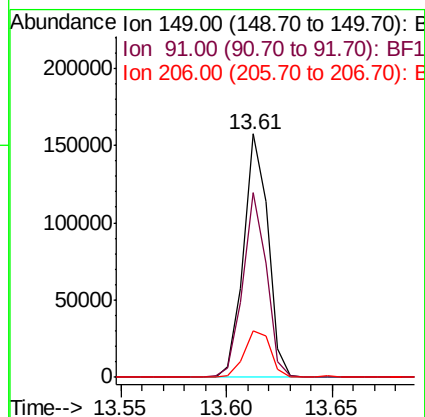
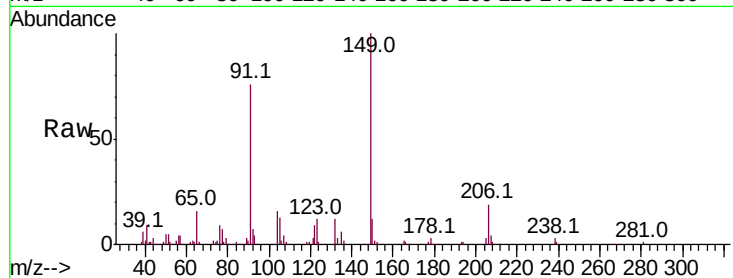




#79
Butylbenzylphthalate
Concen: 4.501 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

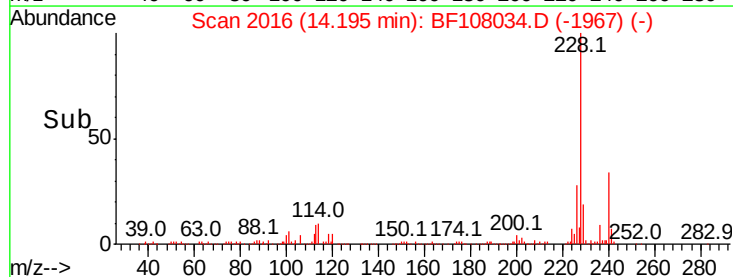
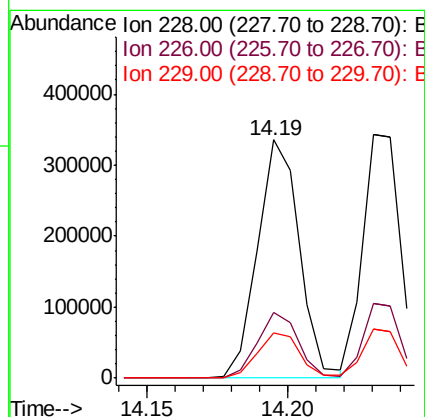
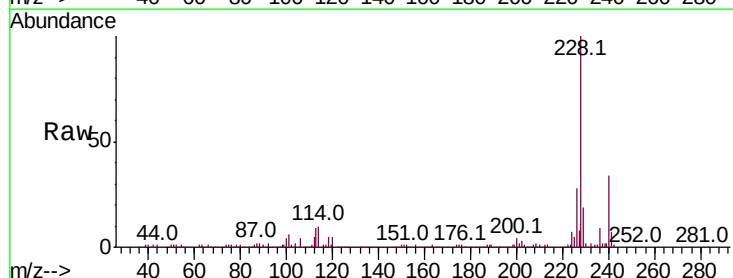
Instrument :
BNA_F
ClientSampleId :

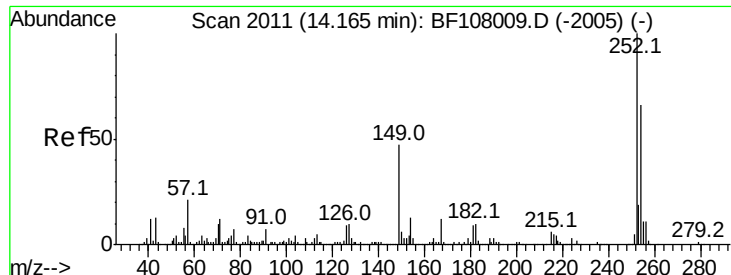
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 5.419 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	18.9	15.8	23.6

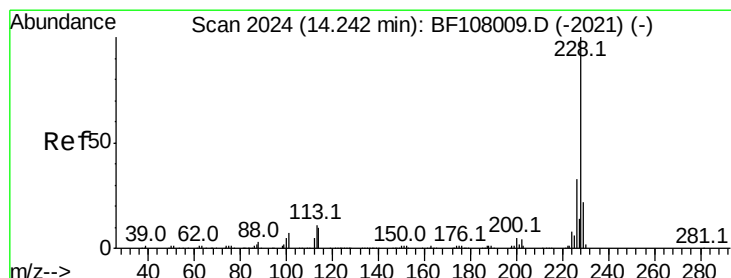
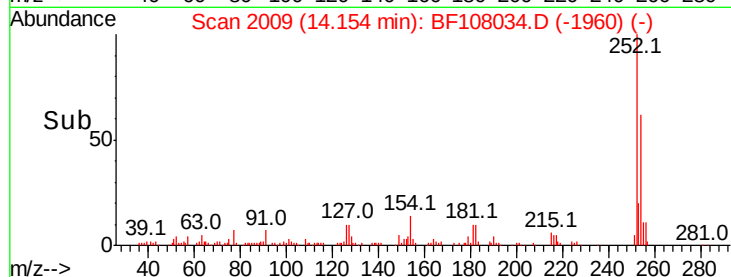
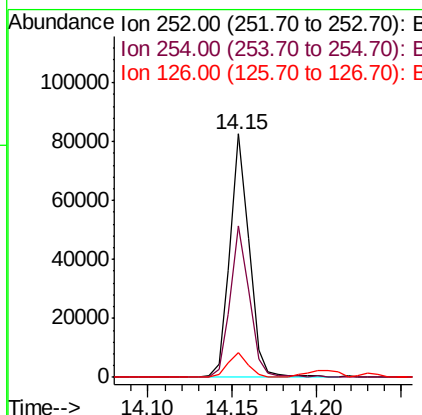
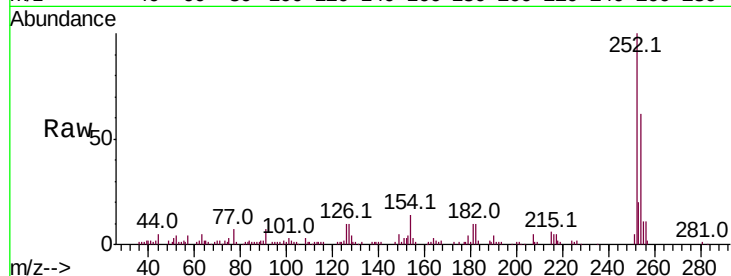




#81
 3,3'-Dichlorobenzidine
 Concen: 2.875 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

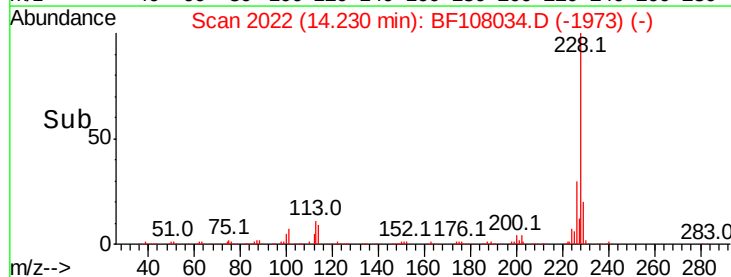
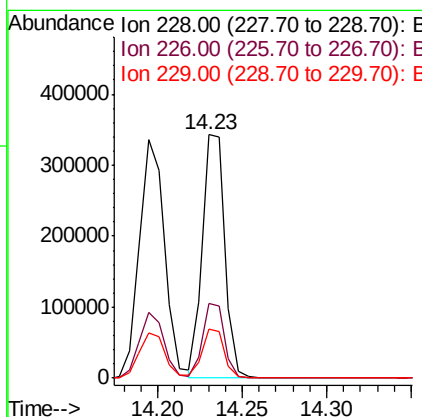
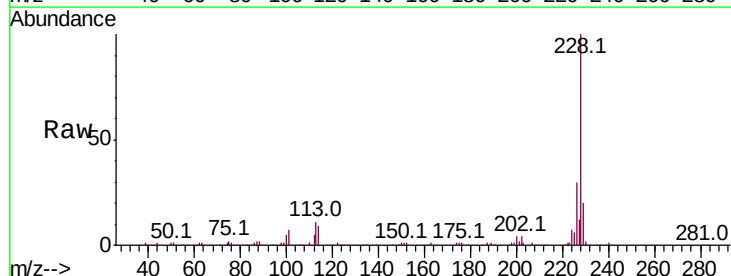
Instrument :
 BNA_F
 ClientSampled :

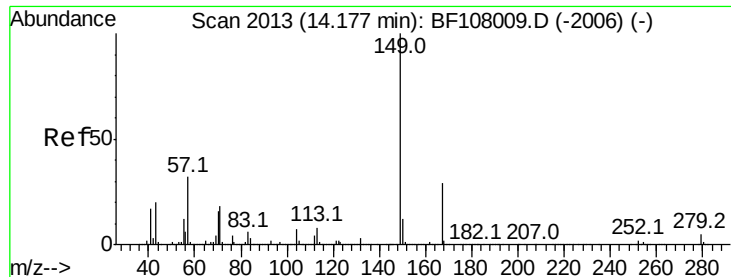
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.4	75.6
126	9.9	11.3	16.9#



#82
 Chrysene
 Concen: 5.455 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.947 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

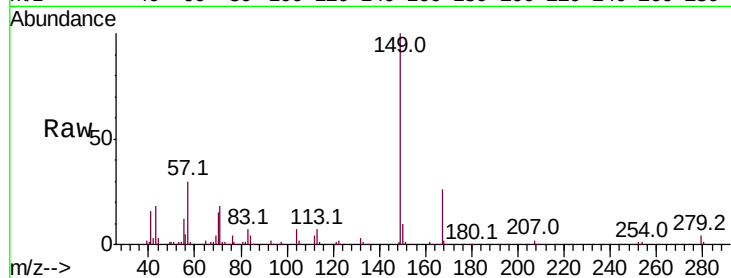
Tot Ion:149 Resp: 187109

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

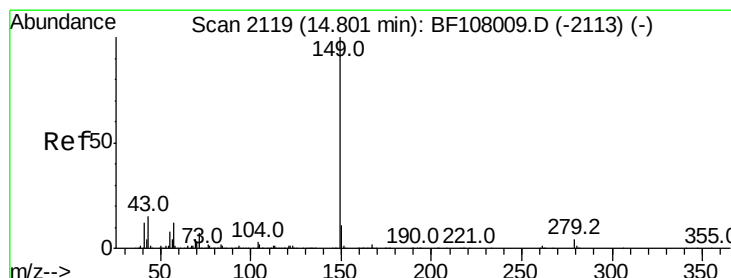
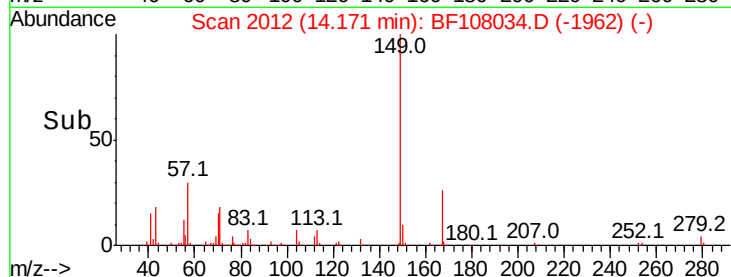
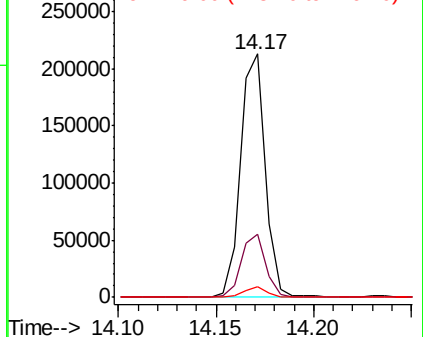
279 4.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 4.764 ng

RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

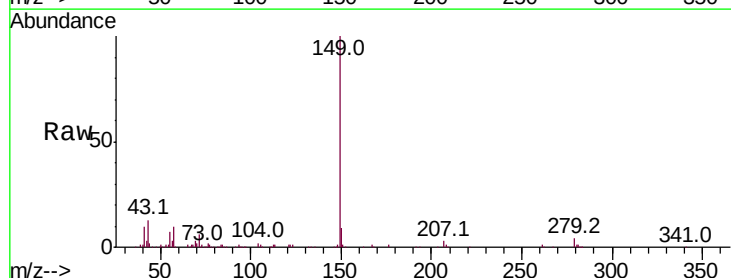
Tgt Ion:149 Resp: 274810

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

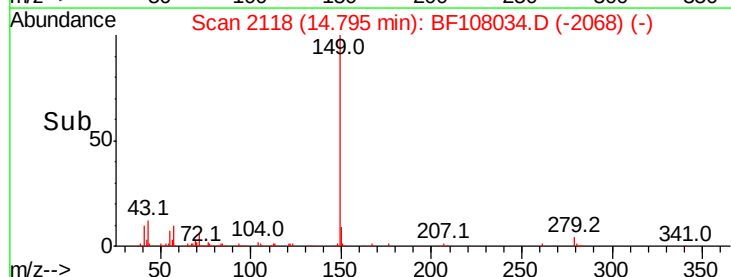
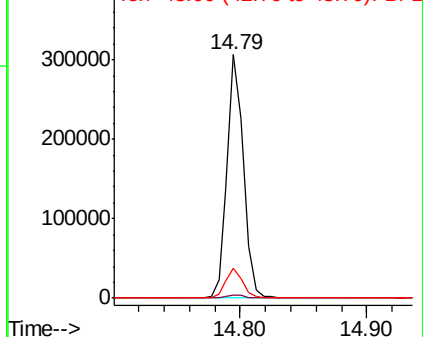
43 12.3 8.4 12.6

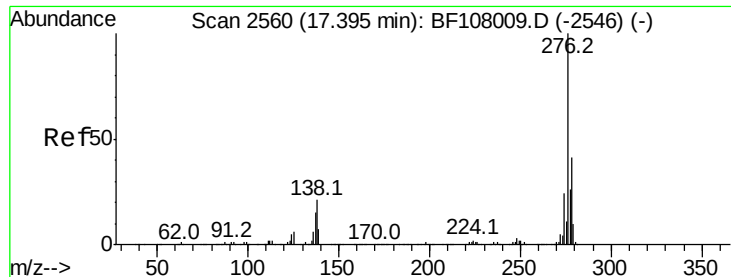


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.692 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.03 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampled :

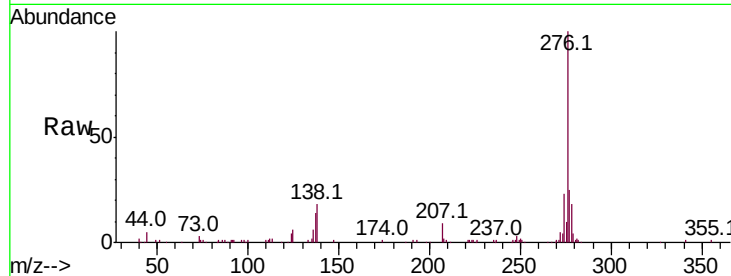
Tot Ion:276 Resp: 237646

Ion Ratio Lower Upper

276 100

138 23.8 25.0 37.6#

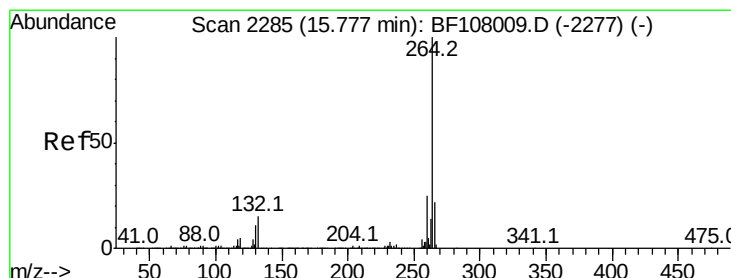
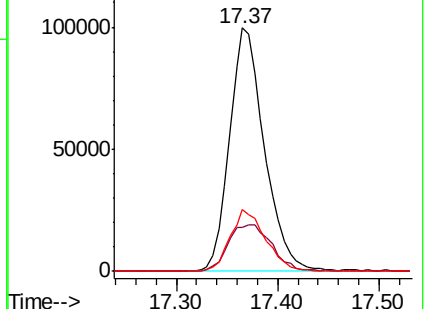
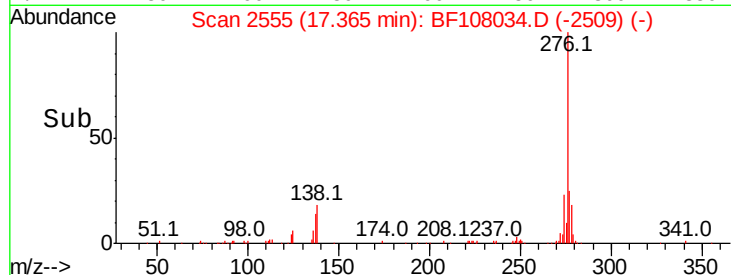
277 25.5 20.1 30.1



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: BF108034.D

Acq: 8 Aug 2018 21:59

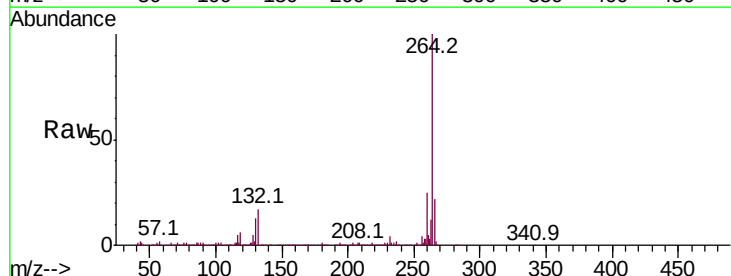
Tgt Ion:264 Resp: 960819

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

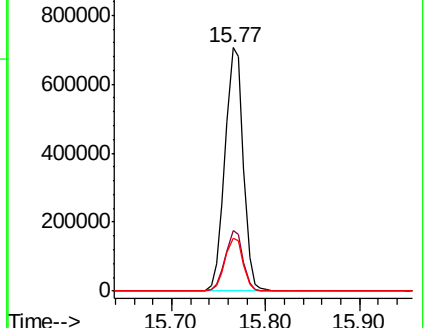
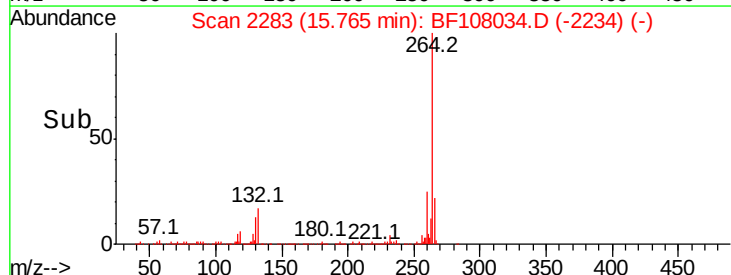
265 21.5 17.5 26.3

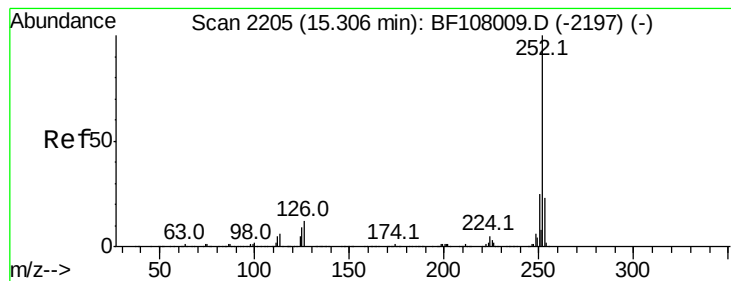


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.930 ng

RT: 15.29 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

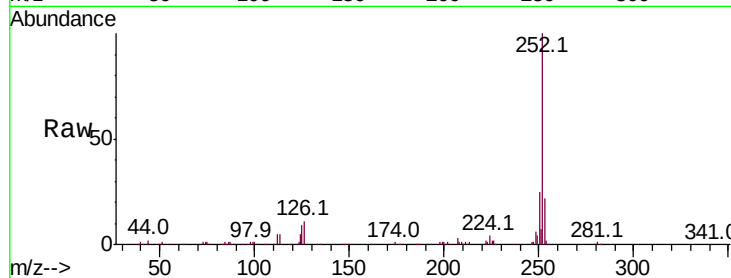
Tot Ion:252 Resp: 283046

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

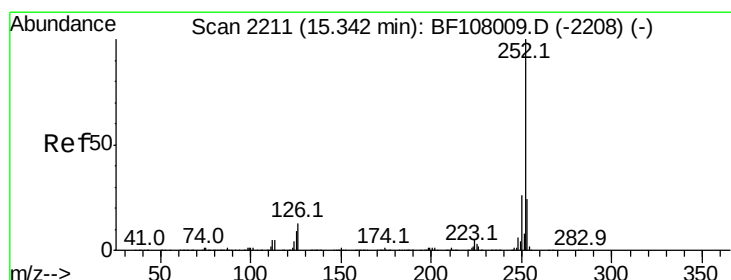
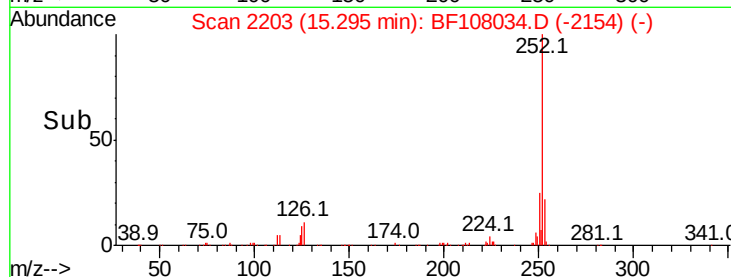
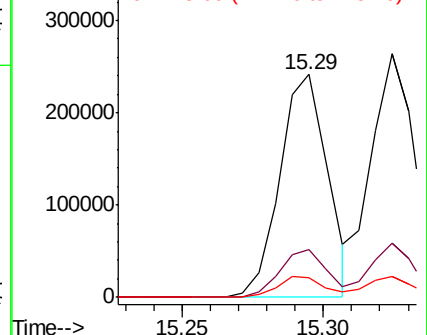
125 8.9 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 5.584 ng

RT: 15.32 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

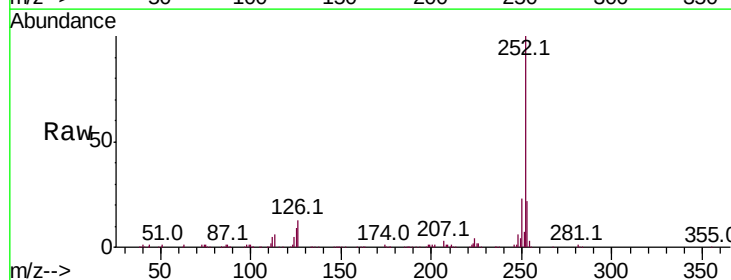
Tgt Ion:252 Resp: 294687

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

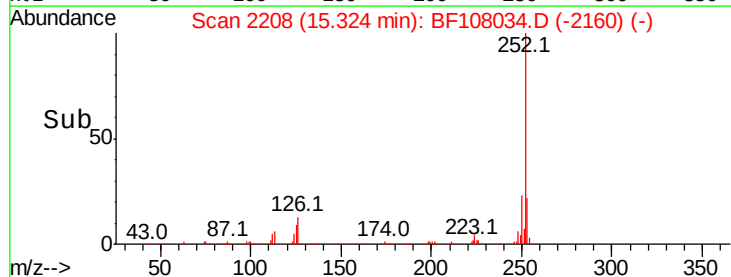
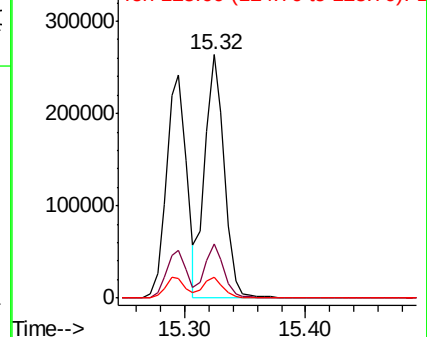
125 8.8 10.2 15.2#

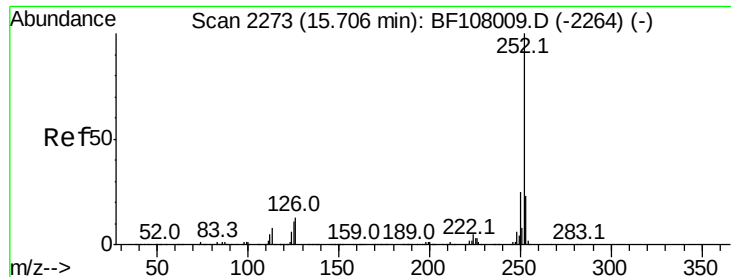


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

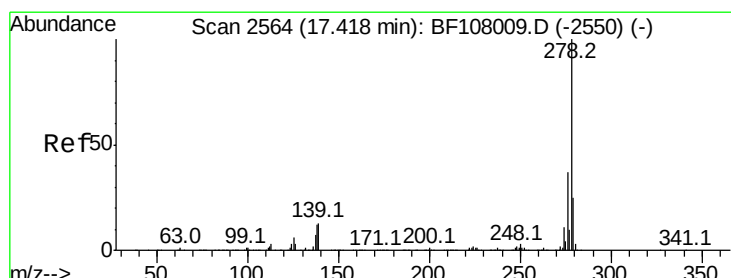
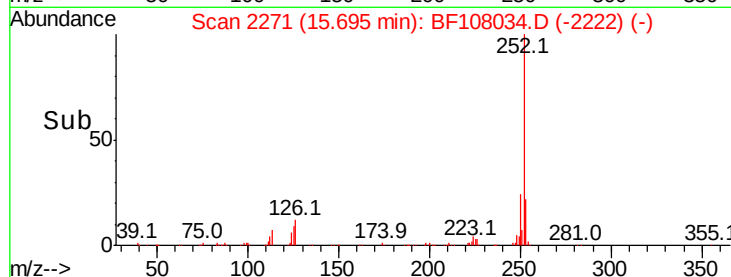
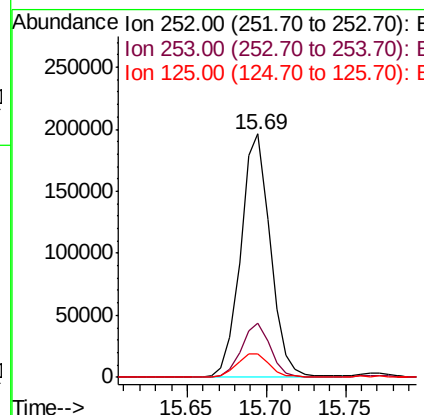
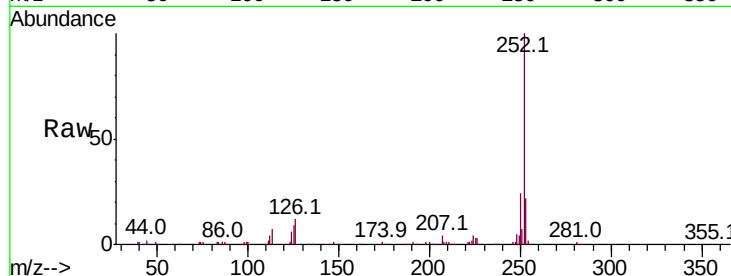




#89
Benzo(a)pyrene
Concen: 4.960 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

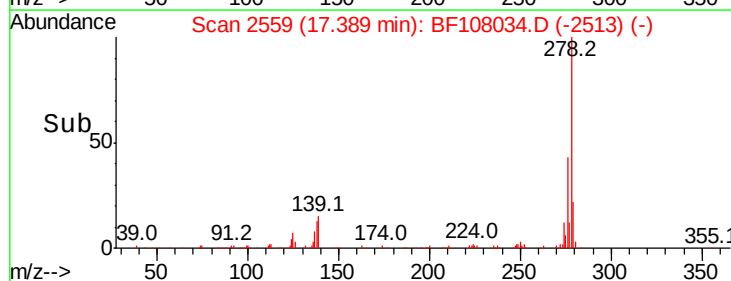
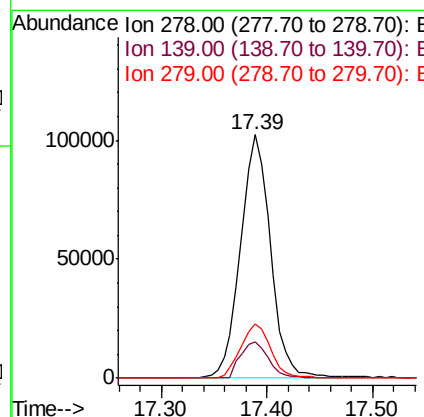
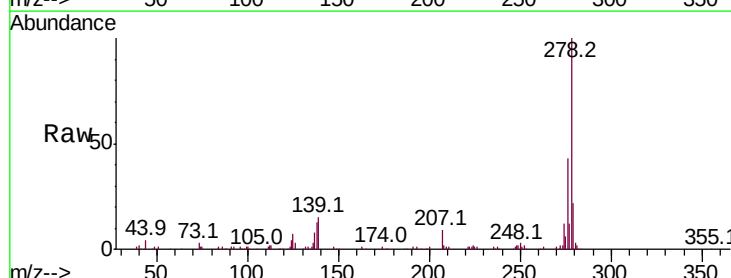
Instrument :
BNA_F
ClientSampled :

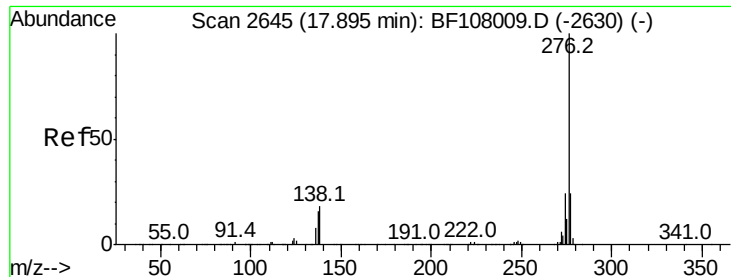
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.5	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.757 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 4.689 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.04 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	20.0	21.8	32.8

