

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108605.D
 Acq On : 29 Aug 2018 15:32
 Operator : JU/SJ
 Sample : J4661-02MS 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 16:43:56 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	128540	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	493154	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	229285	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	369801	20.00	ng	0.00
75) Chrysene-d12	14.20	240	262580	20.00	ng	0.00
86) Perylene-d12	15.76	264	276864	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	293336	41.32	ng	0.00
7) Phenol-d6	6.62	99	429207	45.49	ng	0.00
23) Nitrobenzene-d5	7.56	82	282423	31.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	98259	42.96	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	432166	30.26	ng	-0.01
78) Terphenyl-d14	13.12	244	289113	27.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	41080	11.260	ng	92
3) Pyridine	3.71	79	90383	9.618	ng	88
4) n-Nitrosodimethylamine	3.66	42	43485	8.223	ng	79
6) Aniline	6.68	93	51790	4.036	ng	# 66
8) 2-Chlorophenol	6.79	128	135844	16.988	ng	96
9) Benzaldehyde	6.56	77	57340	7.839	ng	98
10) Phenol	6.64	94	154115	15.792	ng	85
11) bis(2-Chloroethyl)ether	6.73	93	138433	17.546	ng	94
12) 1,3-Dichlorobenzene	6.94	146	147146	15.915	ng	96
13) 1,4-Dichlorobenzene	7.02	146	161114	17.344	ng	98
14) 1,2-Dichlorobenzene	7.17	146	146041	16.901	ng	98
15) Benzyl Alcohol	7.15	79	102209	12.868	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.26	45	246692	15.178	ng	74
17) 2-Methylphenol	7.25	107	114038	16.630	ng	# 89
18) Hexachloroethane	7.51	117	52913	15.999	ng	89
19) n-Nitroso-di-n-propylamine	7.40	70	101525	15.913	ng	# 88
20) 3+4-Methylphenols	7.41	107	143743	16.358	ng	# 17
22) Acetophenone	7.41	105	211459	18.338	ng	# 89
24) Nitrobenzene	7.58	77	146589	16.403	ng	96
25) Isophorone	7.81	82	265395	15.755	ng	98
26) 2-Nitrophenol	7.90	139	65467	19.398	ng	# 90
27) 2,4-Dimethylphenol	7.92	122	113613	15.196	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	167053	16.988	ng	98
29) 2,4-Dichlorophenol	8.14	162	118219	17.183	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	126771	16.712	ng	93
31) Naphthalene	8.31	128	449661	20.049	ng	99
32) Benzoic acid	7.92	122	113613	28.903	ng	# 17
33) 4-Chloroaniline	8.37	127	45292	4.634	ng	95
34) Hexachlorobutadiene	8.41	225	80191	16.699	ng	100
35) Caprolactam	8.70	113	29633	13.744	ng	# 81
36) 4-Chloro-3-methylphenol	8.84	107	120322	16.211	ng	98
37) 2-Methylnaphthalene	9.00	142	280000	17.646	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	132626	18.836	ng	97
40) Hexachlorocyclopentadiene	9.14	237	28855	6.345	ng	98

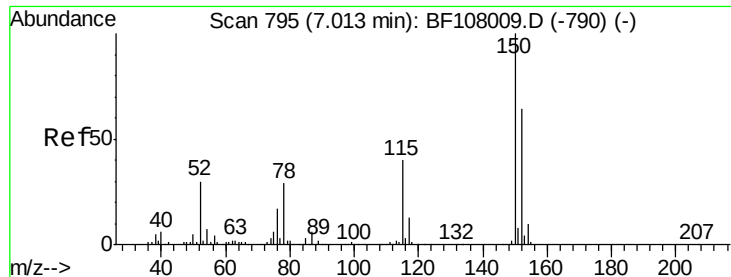
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108605.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	78470	17.959	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	88987	18.501	nq	95
45) 1,1'-Biphenyl	9.46	154	322939	19.103	nq	98
46) 2-Chloronaphthalene	9.49	162	240316	17.986	nq	96
47) 2-Nitroaniline	9.59	65	81470	18.845	nq	89
48) Acenaphthylene	9.91	152	373061	17.661	nq	100
49) Dimethylphthalate	9.75	163	351075	21.981	nq	98
50) 2,6-Dinitrotoluene	9.82	165	60004	17.957	nq	92
51) Acenaphthene	10.08	154	318488	24.617	nq	100
52) 3-Nitroaniline	10.01	138	38821	10.618	nq	88
53) 2,4-Dinitrophenol	10.13	184	3326	9.447	nq #	88
54) Dibenzofuran	10.25	168	383124	20.440	nq	96
55) 4-Nitrophenol	10.17	139	65398	23.621	nq	81
56) 2,4-Dinitrotoluene	10.23	165	74316	17.278	nq #	93
57) Fluorene	10.60	166	332543	22.411	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	64898	16.143	nq	89
59) Diethylphthalate	10.45	149	274887	17.774	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	128792	16.658	nq	91
61) 4-Nitroaniline	10.62	138	50437	13.953	nq	90
62) Azobenzene	10.74	77	249403	15.615	nq	91
64) 4,6-Dinitro-2-methylphenol	10.64	198	5844	9.098	nq #	50
65) n-Nitrosodiphenylamine	10.70	169	228440	20.904	nq	95
66) 4-Bromophenyl-phenylether	11.07	248	77122	19.191	nq	91
67) Hexachlorobenzene	11.14	284	74714	17.670	nq #	91
68) Atrazine	11.22	200	69443	18.946	nq	95
69) Pentachlorophenol	11.34	266	50903	25.151	nq	97
70) Phenanthrene	11.57	178	1126870	64.606	nq	99
71) Anthracene	11.62	178	525678	29.405	nq	100
72) Carbazole	11.78	167	362840	22.844	nq	98
73) Di-n-butylphthalate	12.08	149	348889	19.393	nq	99
74) Fluoranthene	12.77	202	1285902	67.551	nq	95
76) Benzidine	12.89	184	52646	5.366	nq	97
77) Pyrene	13.00	202	1103640	66.388	nq	99
79) Butylbenzylphthalate	13.59	149	135068	20.461	nq	97
80) Benzo(a)anthracene	14.19	228	689785	45.774	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	56707	10.500	nq #	98
82) Chrysene	14.22	228	608966	44.078	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	221337	24.760	nq	99
84) Di-n-octyl phthalate	14.77	149	310061	22.743	nq #	98
85) Indeno(1,2,3-cd)pyrene	17.38	276	391150	32.676	nq #	88
87) Benzo(b)fluoranthene	15.29	252	730468	44.154	nq	96
88) Benzo(k)fluoranthene	15.32	252	427589	28.117	nq #	96
89) Benzo(a)pyrene	15.62	252	223663	15.098	nq	98
90) Dibenzo(a,h)anthracene	17.57	278	35549	2.900	nq	92
91) Benzo(g,h,i)perylene	17.87	276	333628	27.641	nq #	89

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

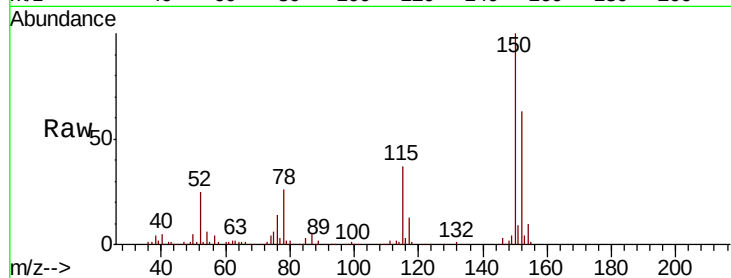


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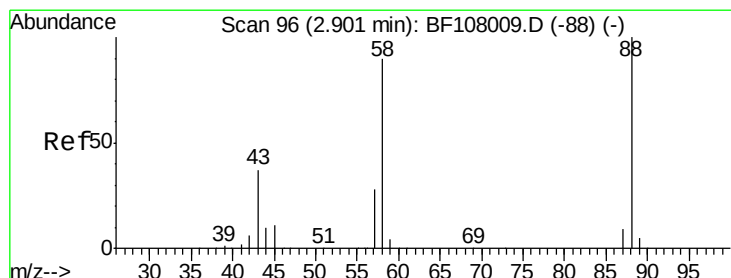
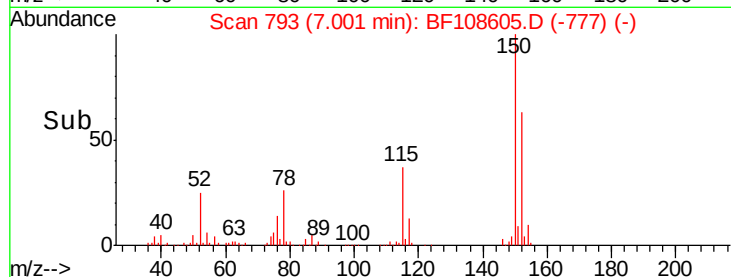
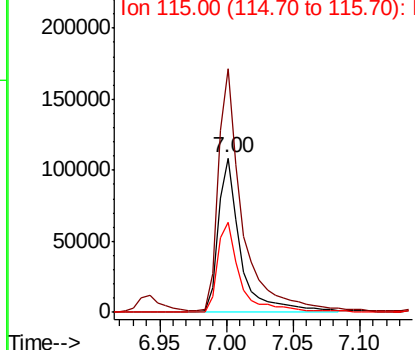
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128540
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.3 50.1 75.1



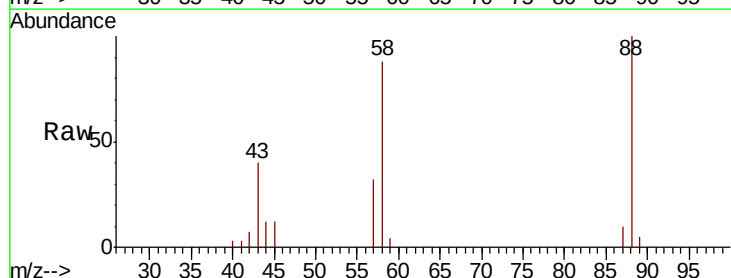
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



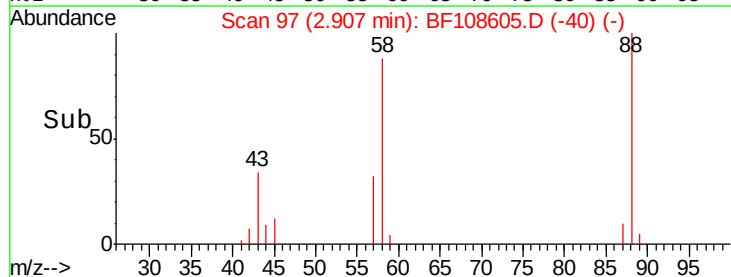
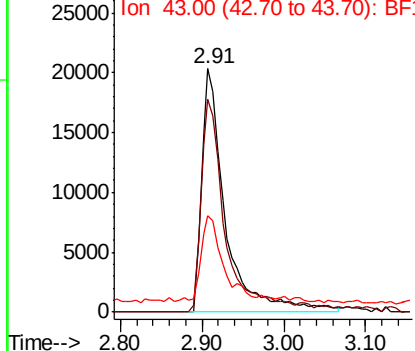
#2

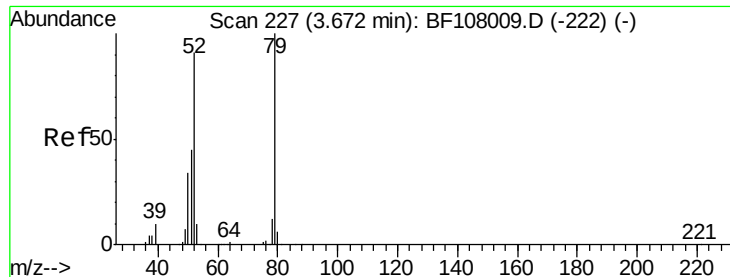
1,4-Dioxane
Concen: 11.260 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.04 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion: 88 Resp: 41080
Ion Ratio Lower Upper
88 100
58 87.7 62.6 93.8
43 31.2 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 9.618 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.05 min

Lab File: BF108605.D

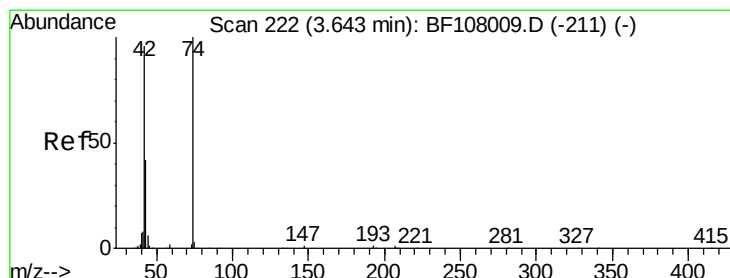
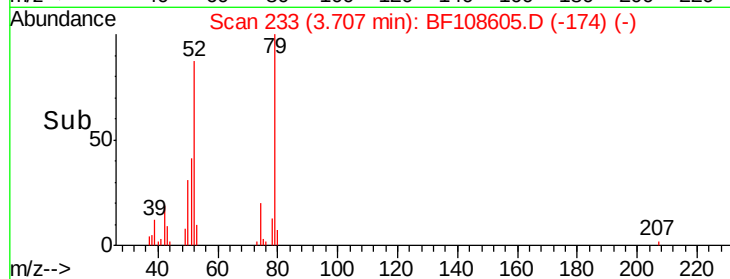
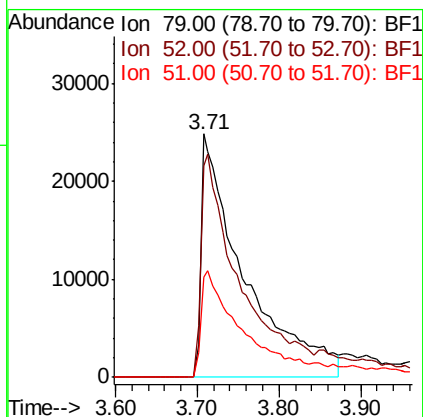
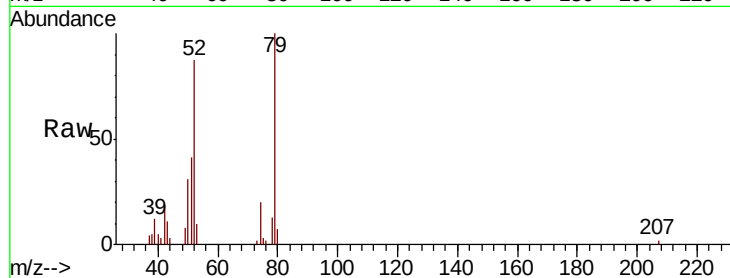
Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	79	Resp:	90383
Ion	Ratio	Lower	Upper
79	100		
52	87.1	59.8	89.6
51	41.3	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 8.223 ng

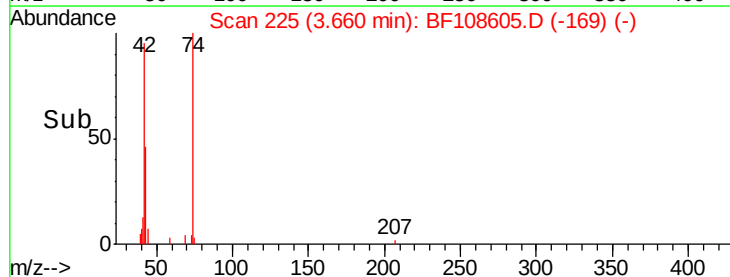
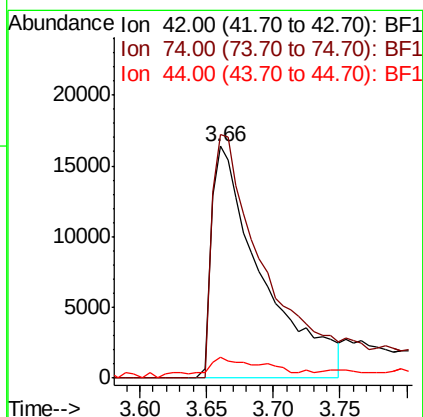
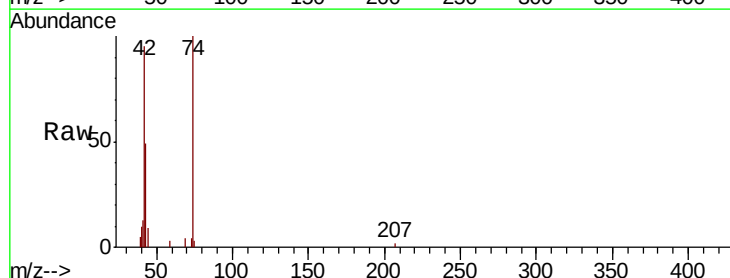
RT: 3.66 min Scan# 225

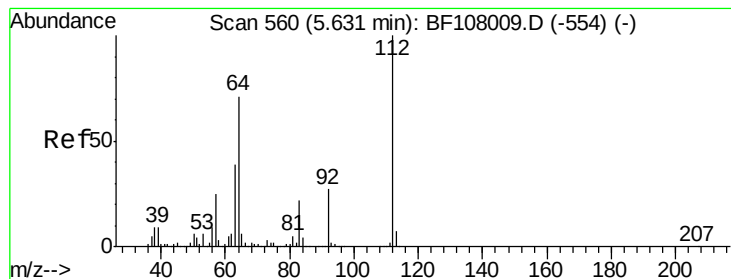
Delta R.T. 0.03 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Tgt Ion:	42	Resp:	43485
Ion	Ratio	Lower	Upper
42	100		
74	105.0	104.9	157.3
44	9.2	6.9	10.3





#5

2-Fluorophenol

Concen: 41.316 ng

RT: 5.63 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

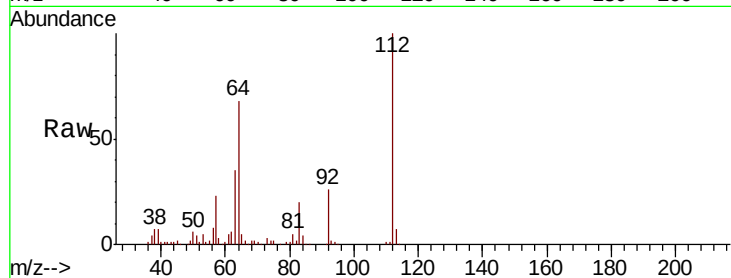
Tot Ion:112 Resp: 293336

Ion Ratio Lower Upper

112 100

64 67.6 47.9 71.9

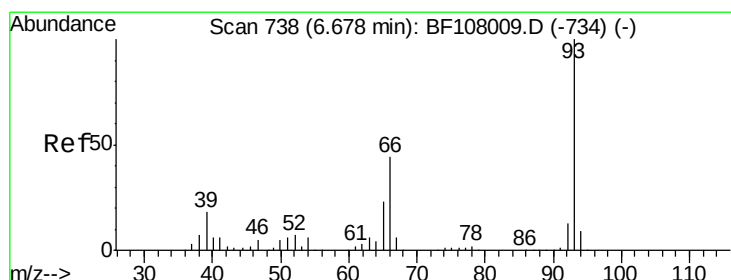
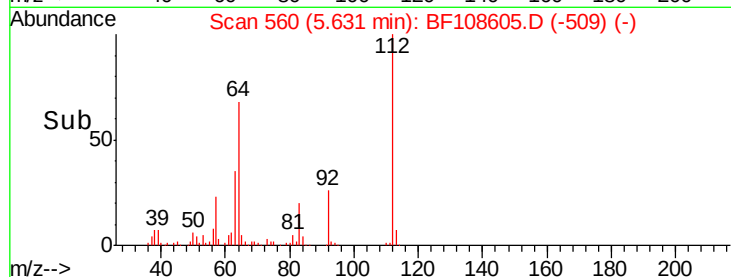
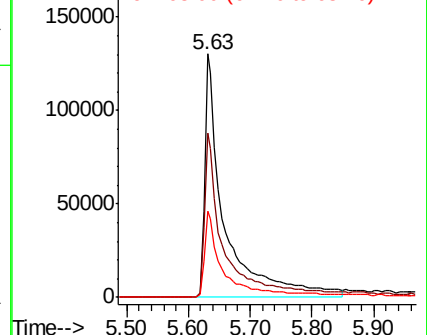
63 35.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.036 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

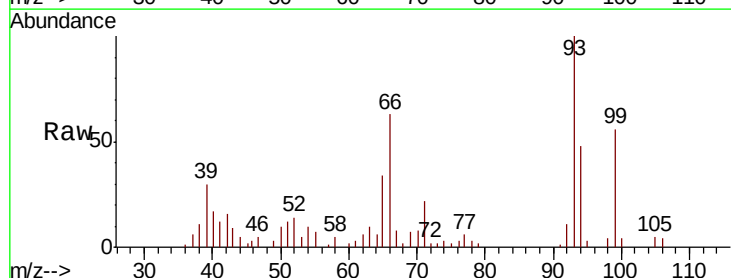
Tgt Ion: 93 Resp: 51790

Ion Ratio Lower Upper

93 100

66 62.9 32.2 48.2#

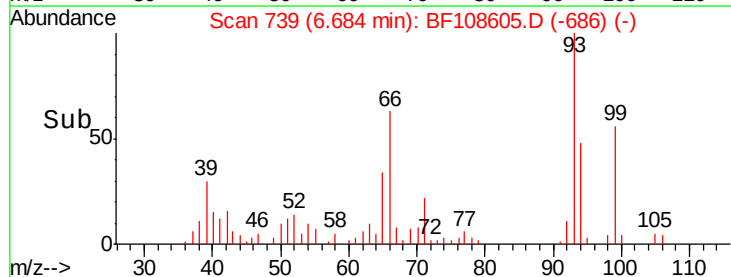
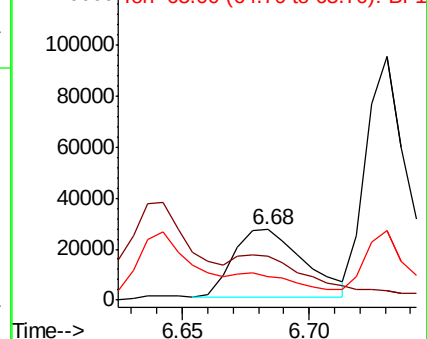
65 33.7 16.4 24.6#

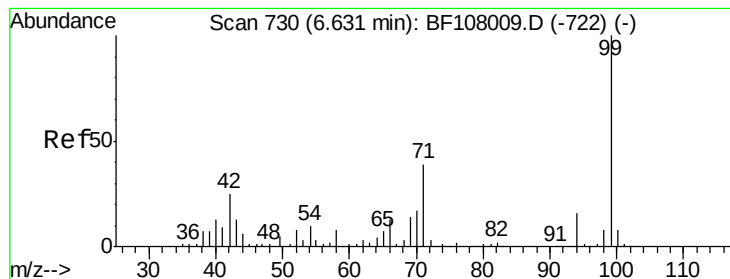


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 45.492 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

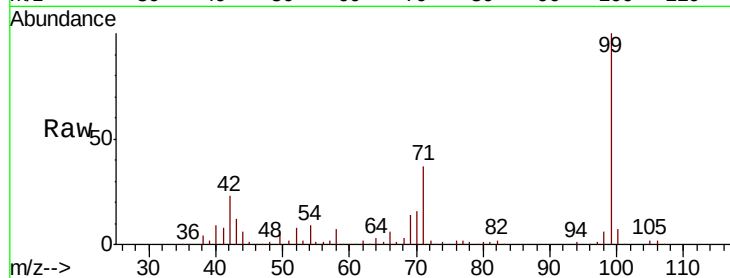
Tot Ion: 99 Resp: 429207

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

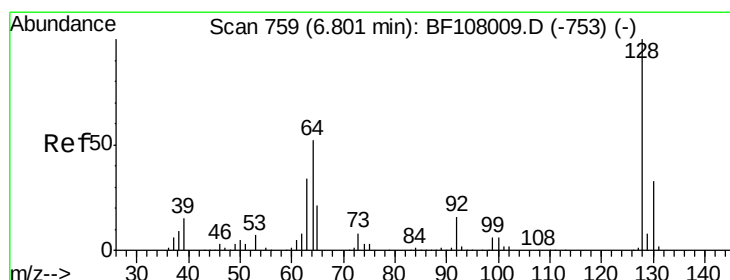
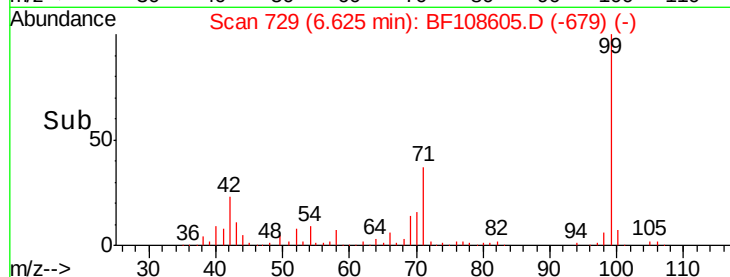
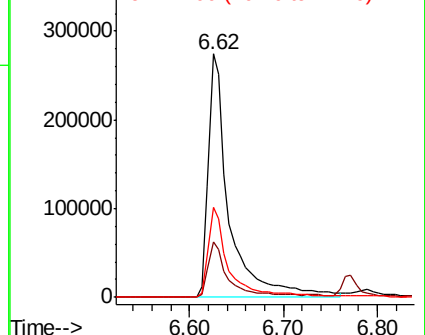
71 37.2 25.4 38.0



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: 16.988 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

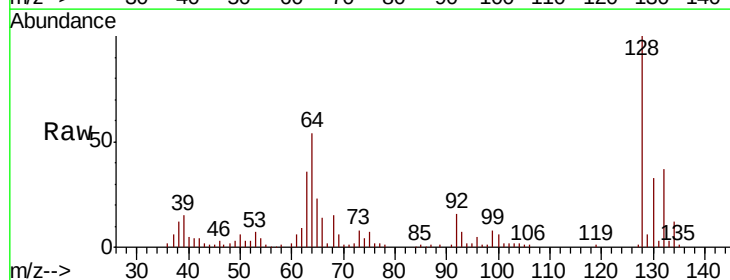
Tgt Ion: 128 Resp: 135844

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

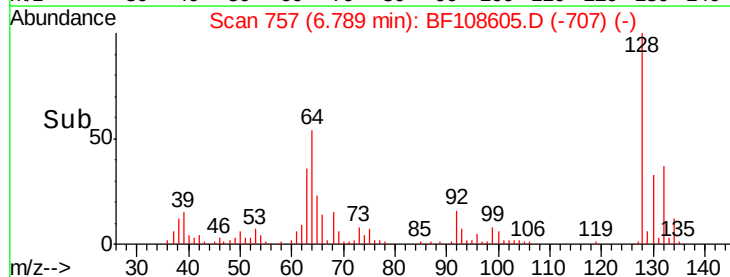
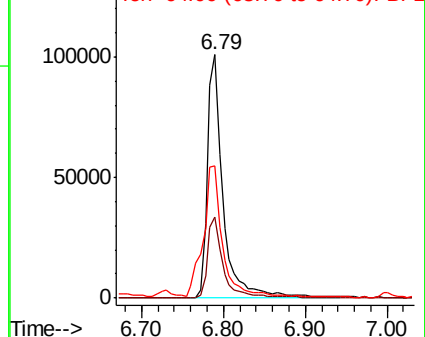
64 54.1 29.4 69.4

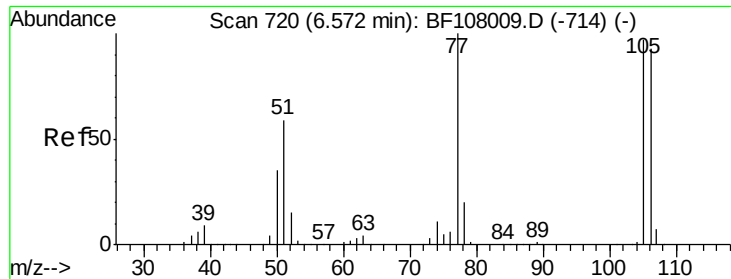


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

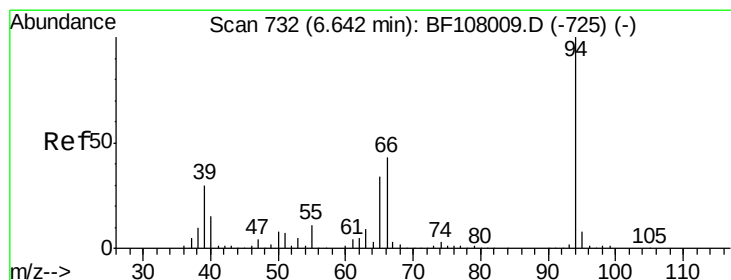
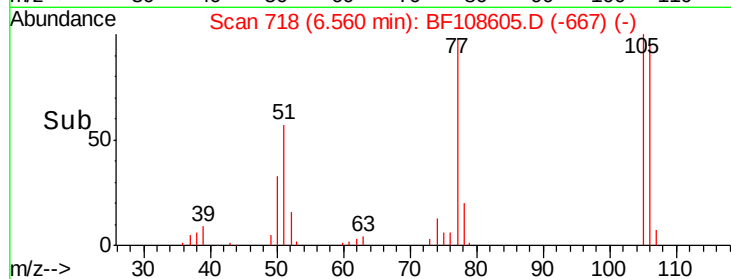
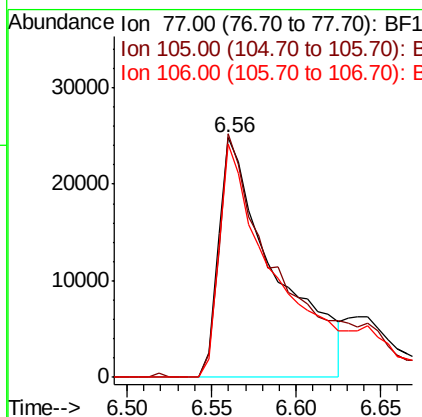
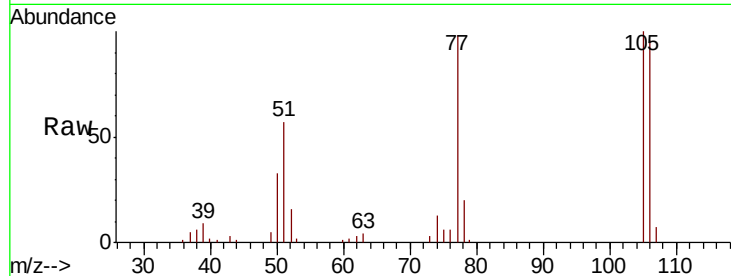




#9
Benzaldehyde
Concen: 7.839 ng
RT: 6.56 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

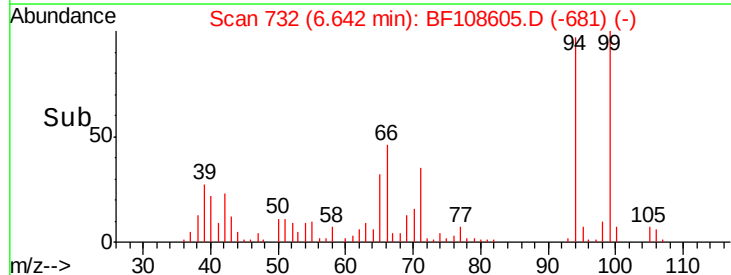
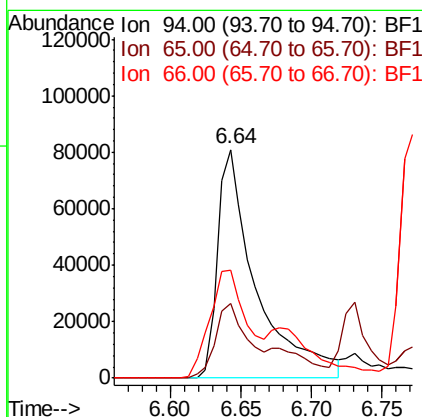
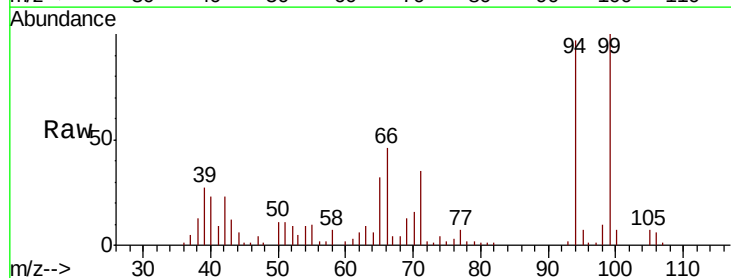
Instrument :
BNA_F
ClientSampled :

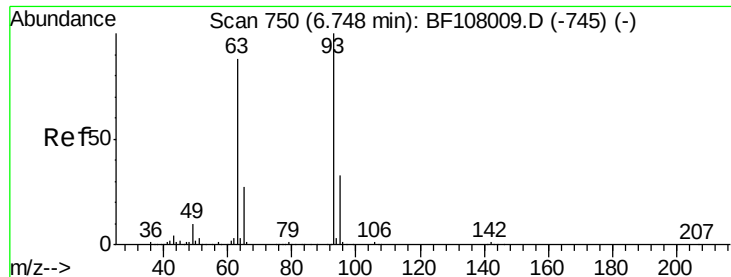
Tot Ion: 77 Resp: 57340
Ion Ratio Lower Upper
77 100
105 101.6 81.1 121.1
106 97.5 74.5 114.5



#10
Phenol
Concen: 15.792 ng
RT: 6.64 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion: 94 Resp: 154115
Ion Ratio Lower Upper
94 100
65 32.8 7.9 47.9
66 47.2 16.2 56.2

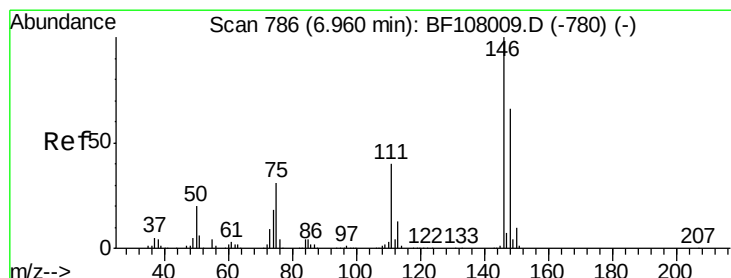
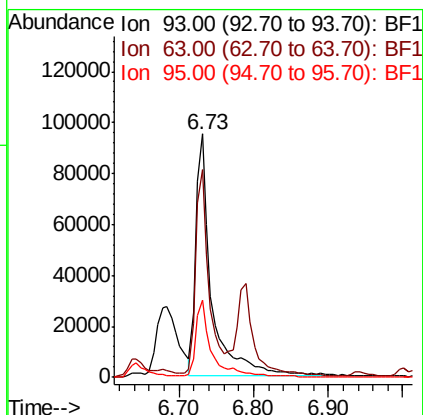
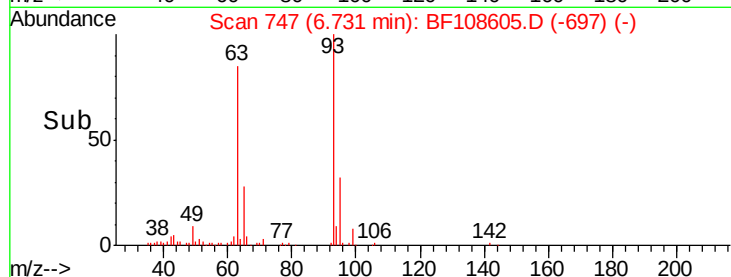
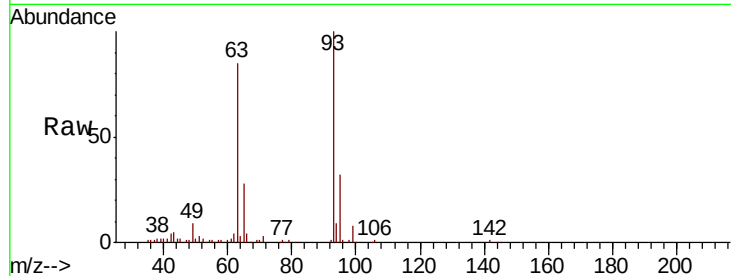




#11
bis(2-Chloroethyl)ether
Concen: 17.546 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

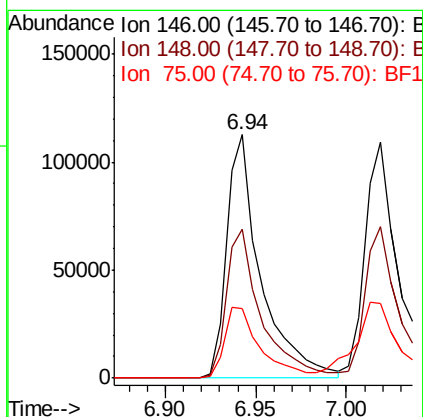
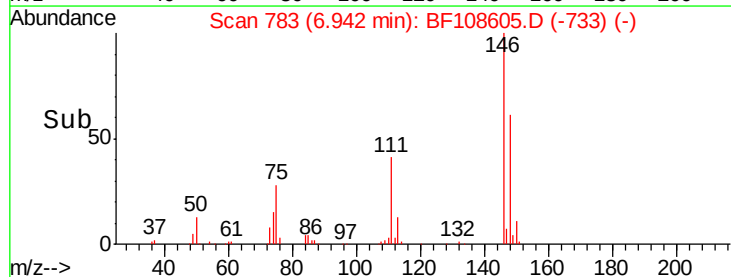
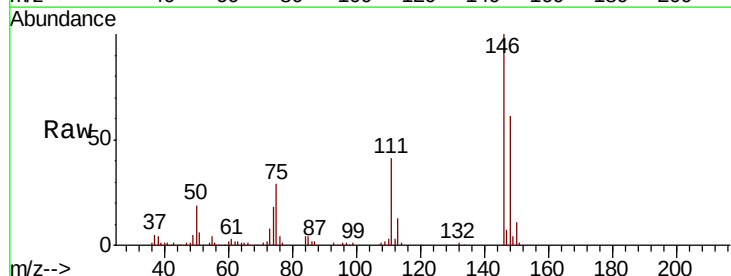
Instrument :
BNA_F
ClientSampleId :

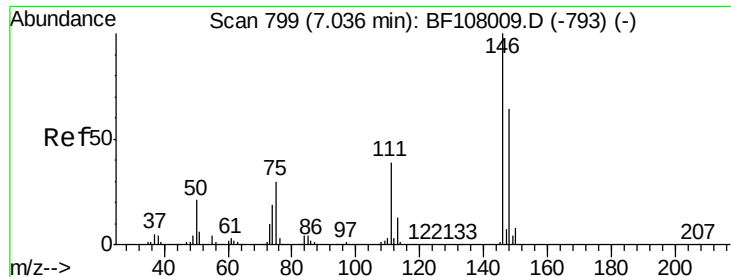
Tot Ion: 93 Resp: 138433
Ion Ratio Lower Upper
93 100
63 85.4 58.6 98.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 15.915 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion: 146 Resp: 147146
Ion Ratio Lower Upper
146 100
148 61.0 51.8 77.8
75 28.5 24.2 36.4

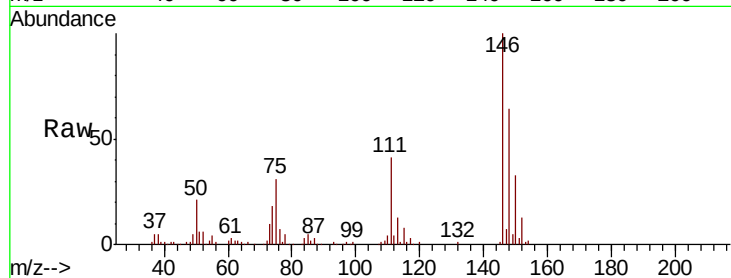




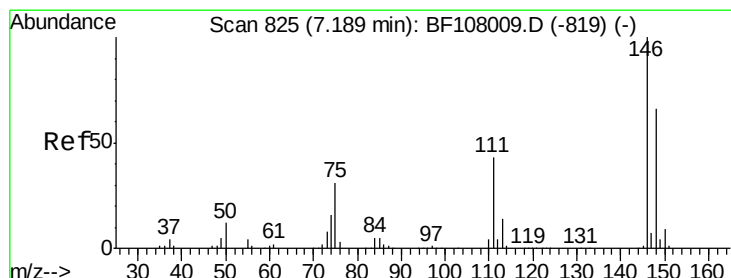
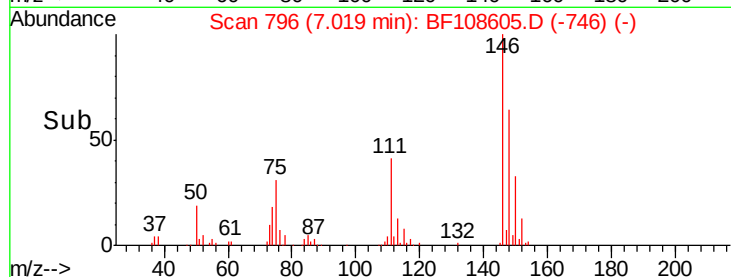
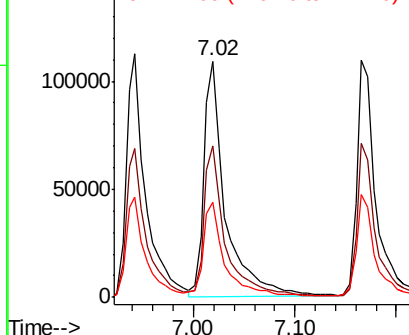
#13
 1,4-Dichlorobenzene
 Concen: 17.344 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 161114
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.5 34.2 51.2

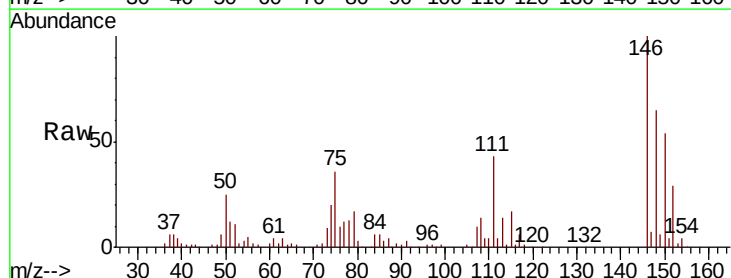


Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

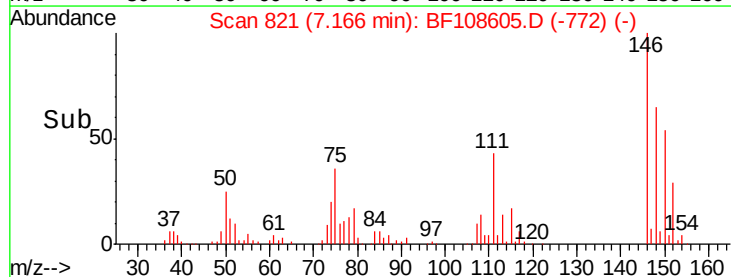
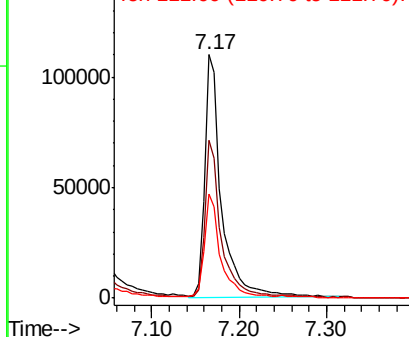


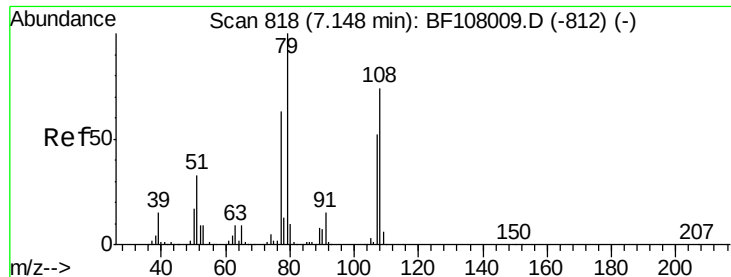
#14
 1,2-Dichlorobenzene
 Concen: 16.901 ng
 RT: 7.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion:146 Resp: 146041
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 43.0 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

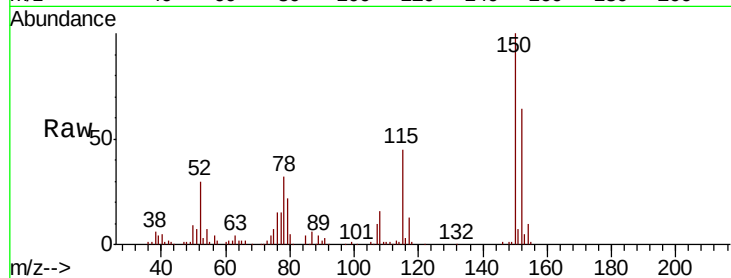




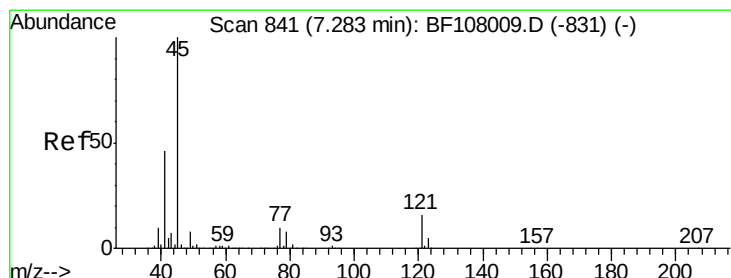
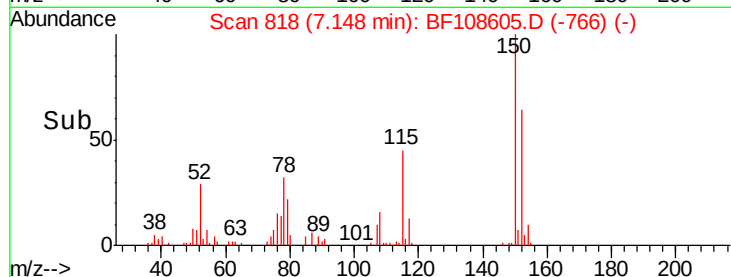
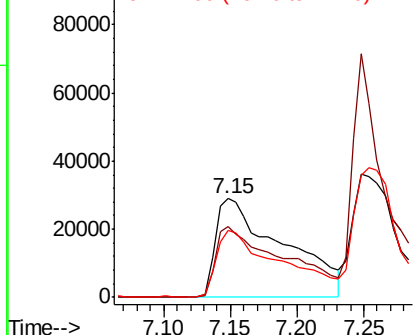
#15
Benzyl Alcohol
Concen: 12.868 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.3	65.1	97.7
77	67.6	50.6	75.8

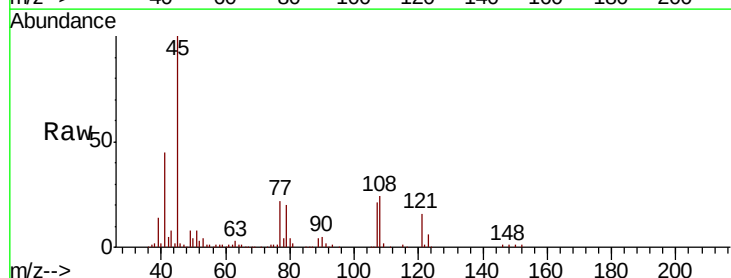


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

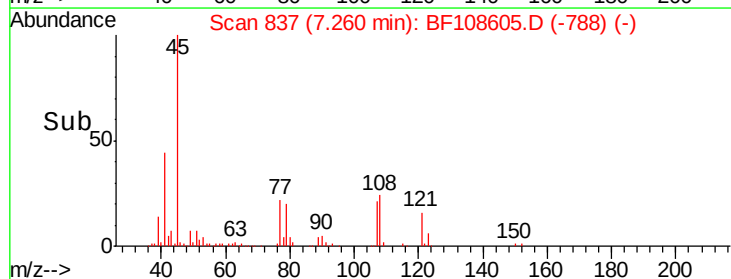
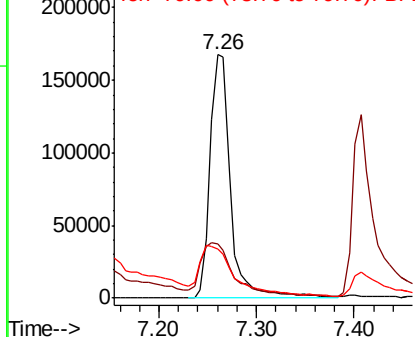


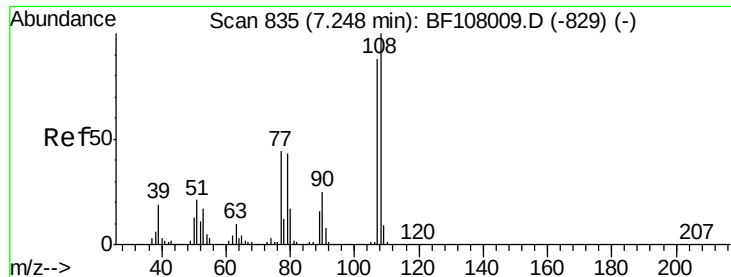
#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.178 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	32.9
79	19.9	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: 16.630 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 114038

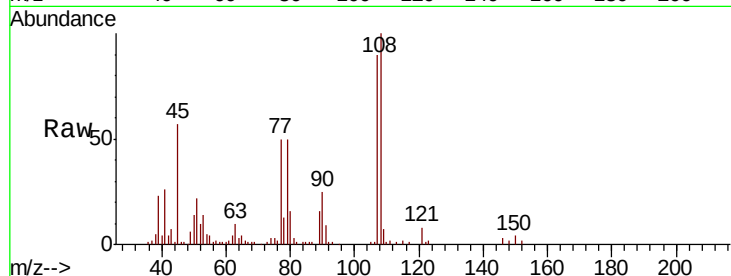
Ion Ratio Lower Upper

107 100

108 111.5 91.7 137.5

77 56.1 33.8 50.8#

79 56.3 33.8 50.8#



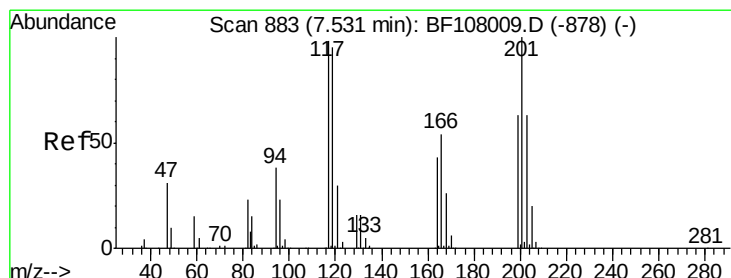
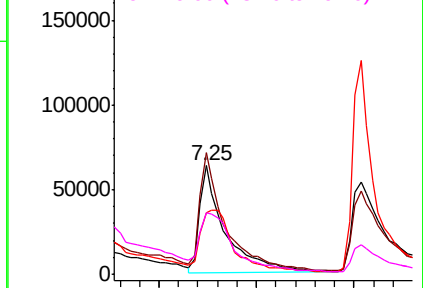
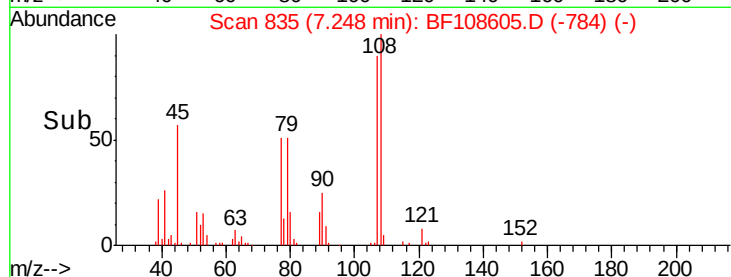
Abundance

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



#18

Hexachloroethane

Concen: 15.999 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

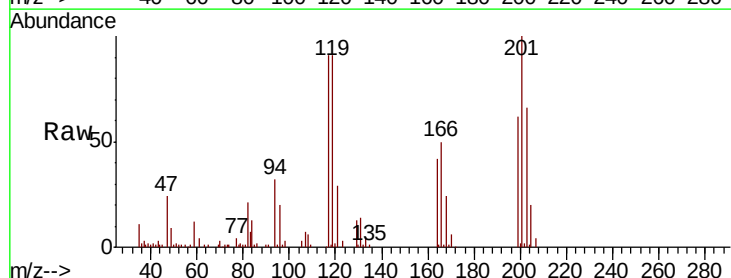
Tgt Ion:117 Resp: 52913

Ion Ratio Lower Upper

117 100

119 100.0 75.8 113.8

201 110.2 75.7 113.5

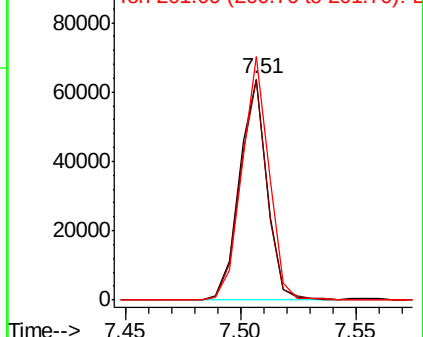
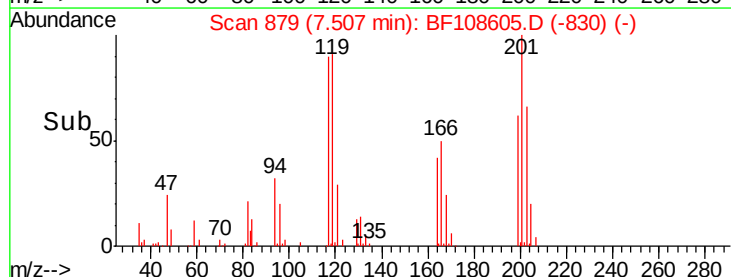


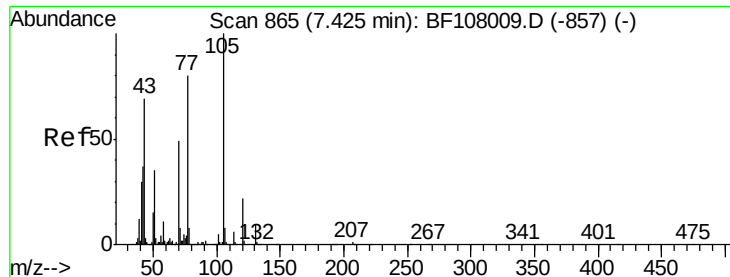
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

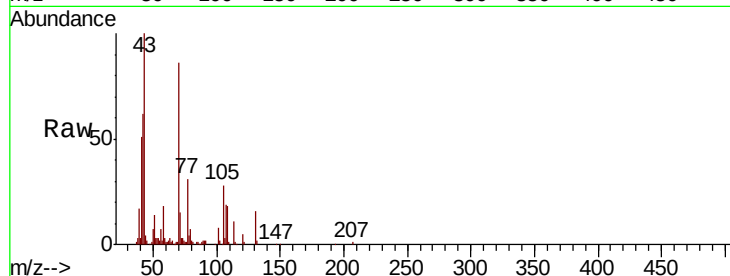




#19
n-Nitroso-di-n-propylamine
Concen: 15.913 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	47.5	71.3#
101	9.4	7.4	11.2
130	19.1	16.6	25.0



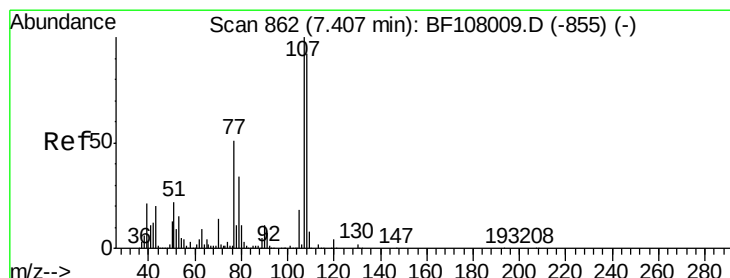
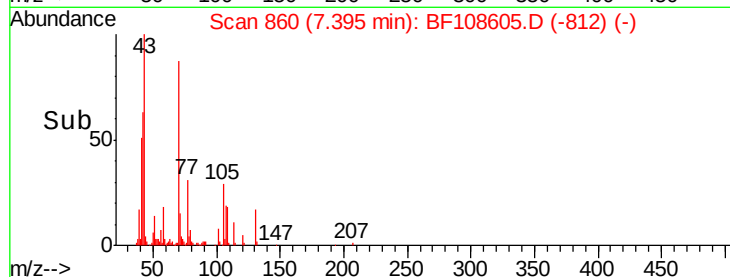
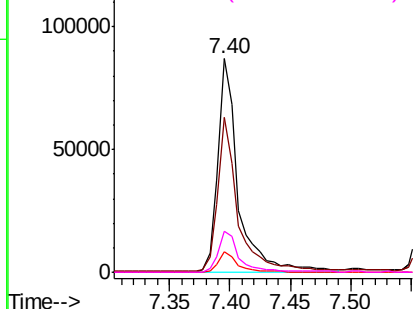
Abundance

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: 16.358 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	230.4	26.7	66.7#
79	32.2	6.3	46.3

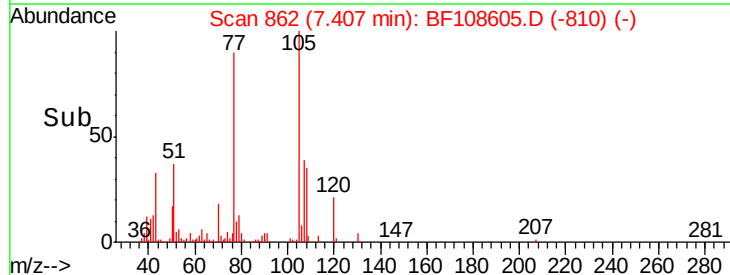
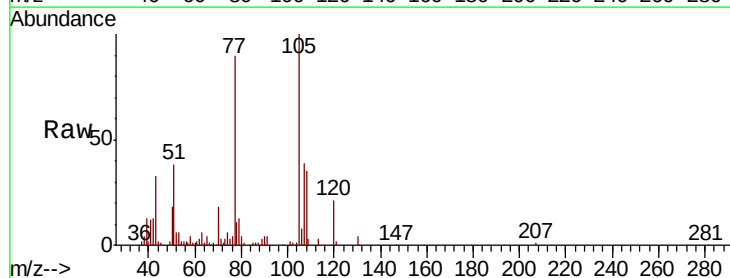
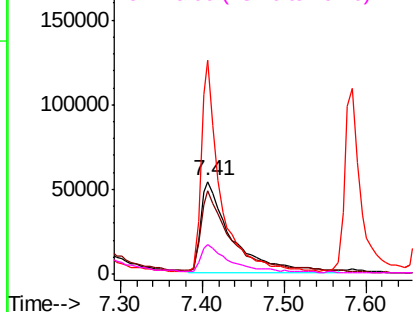
Abundance

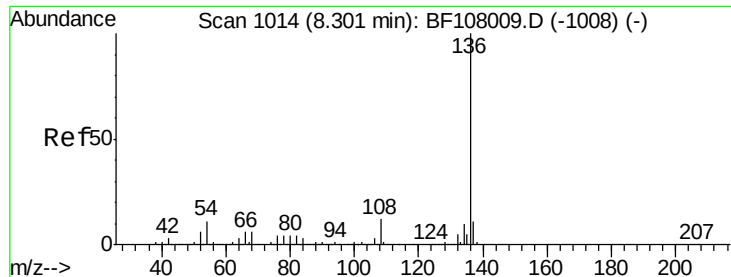
Ion 107.00 (106.70 to 107.70): BF1

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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 493154

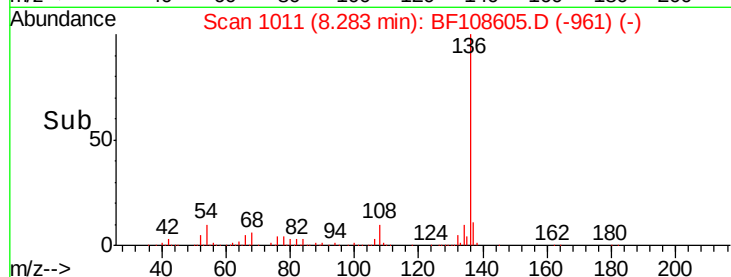
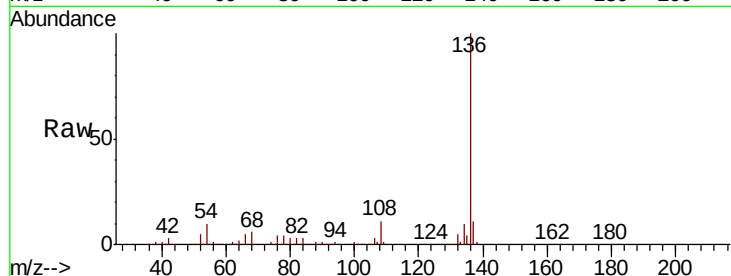
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.7 6.6 9.8

68 5.5 5.0 7.4

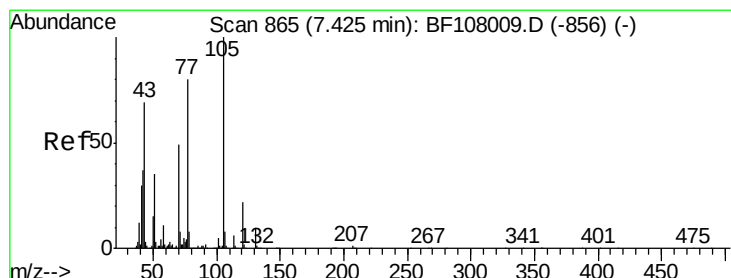
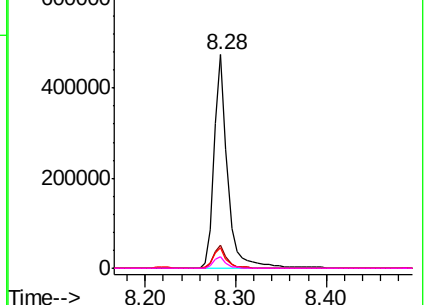


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 18.338 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Tgt Ion:105 Resp: 211459

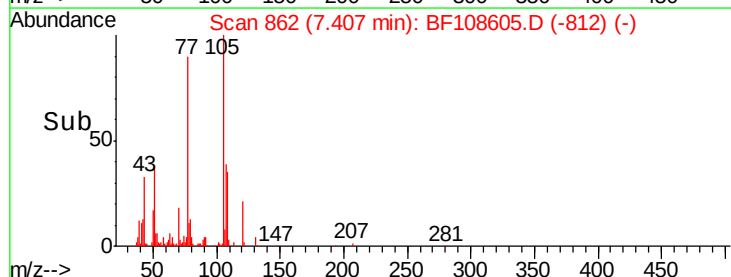
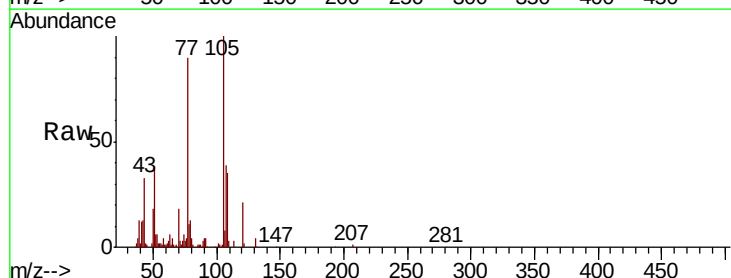
Ion Ratio Lower Upper

105 100

71 3.2 4.4 6.6#

51 37.8 22.3 33.5#

120 20.8 16.9 25.3

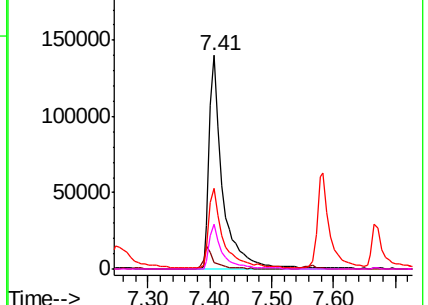


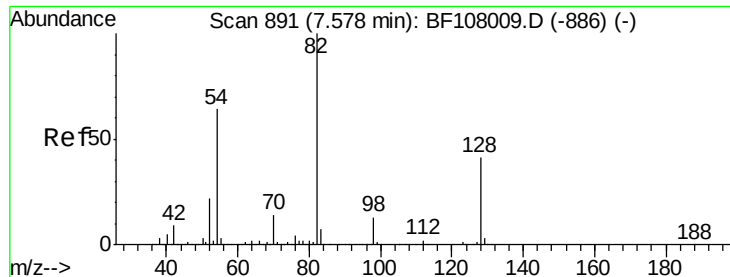
Abundance Ion 105.00 (104.70 to 105.70): E

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

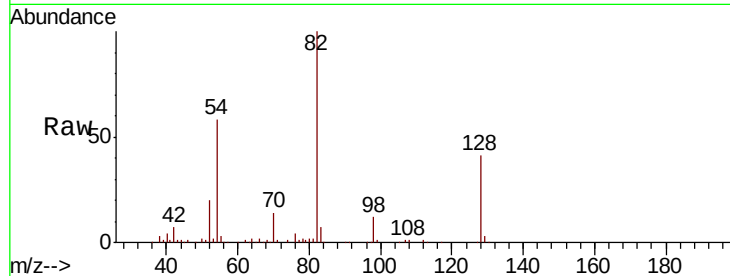




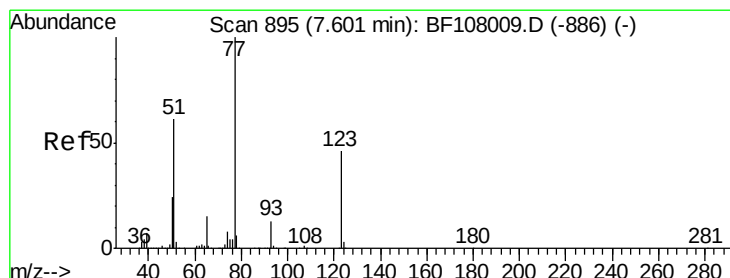
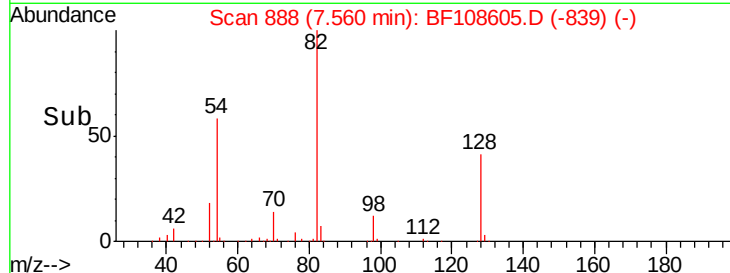
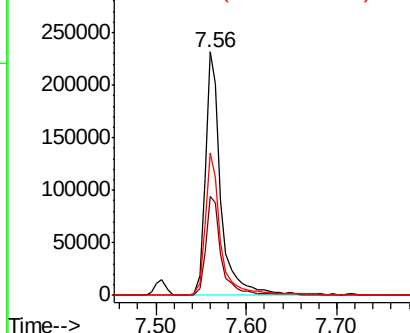
#23
 Nitrobenzene-d5
 Concen: 31.957 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 282423
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.1 54.1
 54 58.3 41.4 62.2

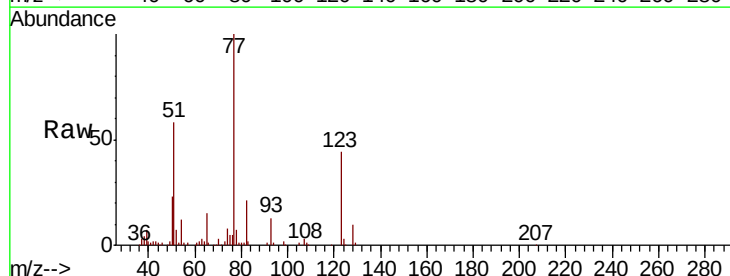


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

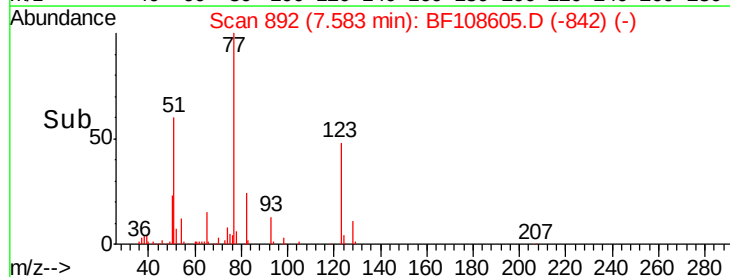
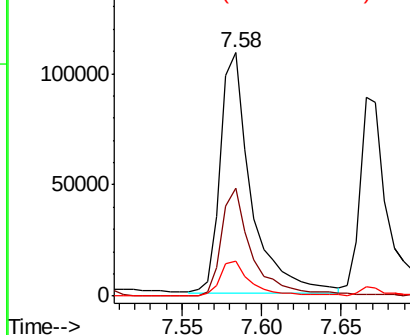


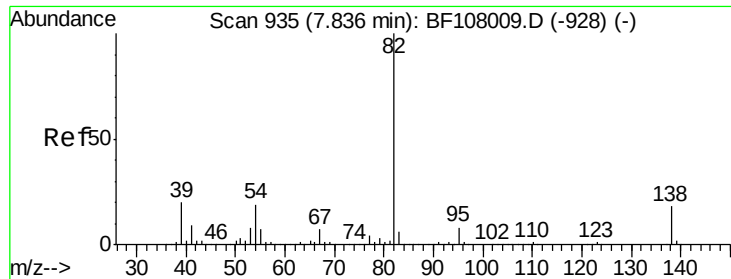
#24
 Nitrobenzene
 Concen: 16.403 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion: 77 Resp: 146589
 Ion Ratio Lower Upper
 77 100
 123 44.2 37.9 56.9
 65 14.5 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

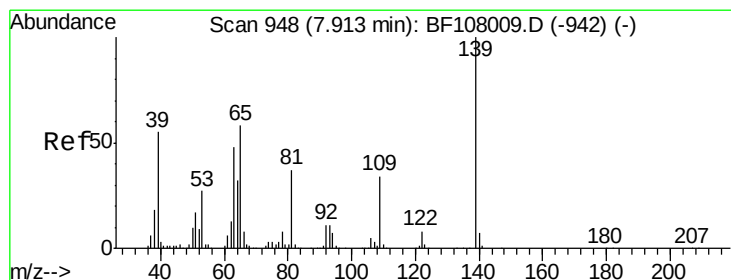
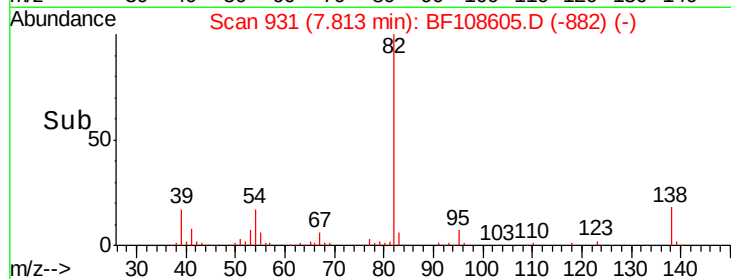
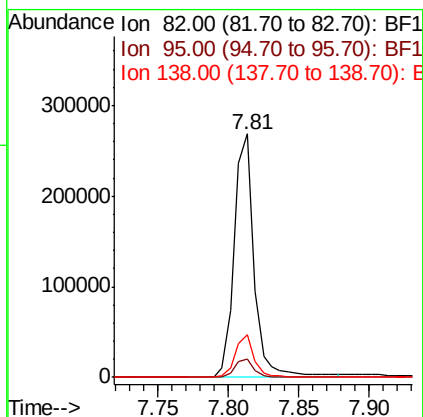
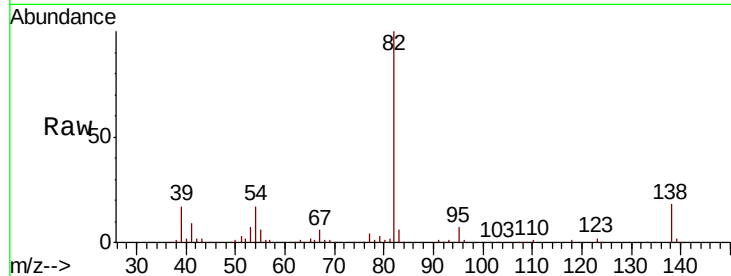




#25
Isophorone
Concen: 15.755 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

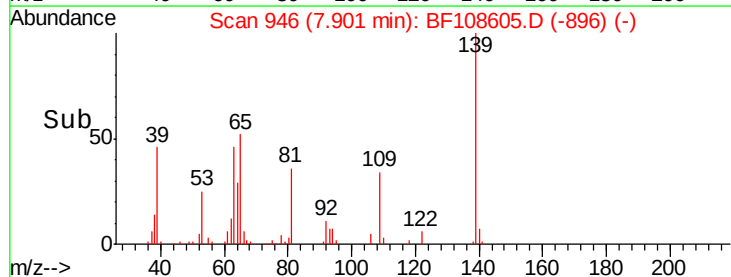
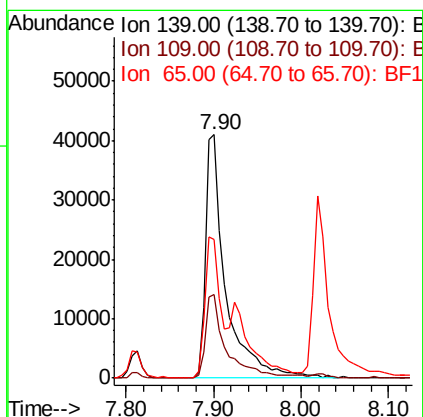
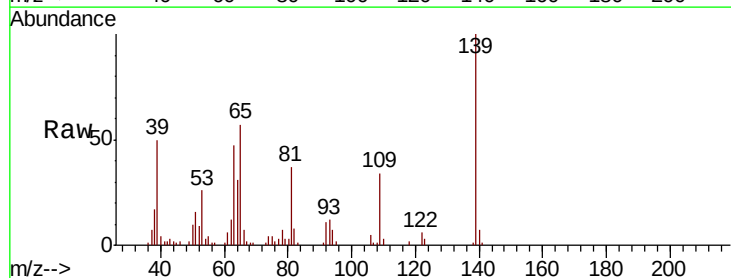
Instrument :
BNA_F
ClientSampleId :

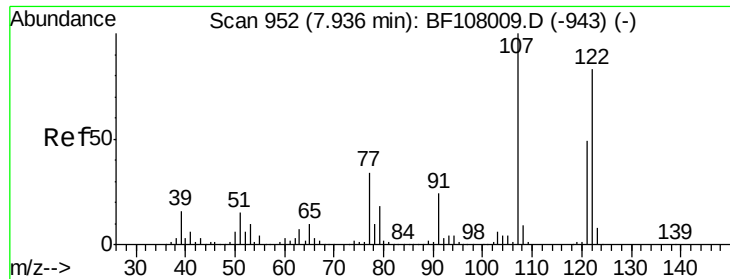
Tot Ion	82	Resp	265395
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.2	7.8
138	17.7	14.9	22.3



#26
2-Nitrophenol
Concen: 19.398 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion	139	Resp	65467
Ion	Ratio	Lower	Upper
139	100		
109	34.4	22.7	34.1#
65	56.9	40.5	60.7

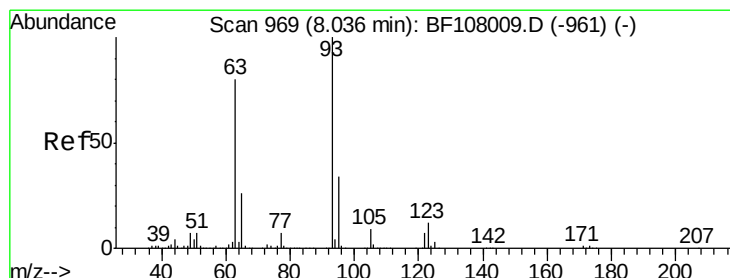
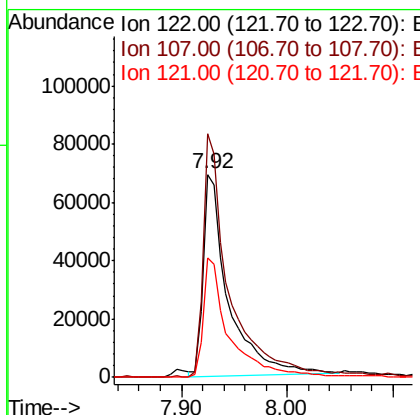
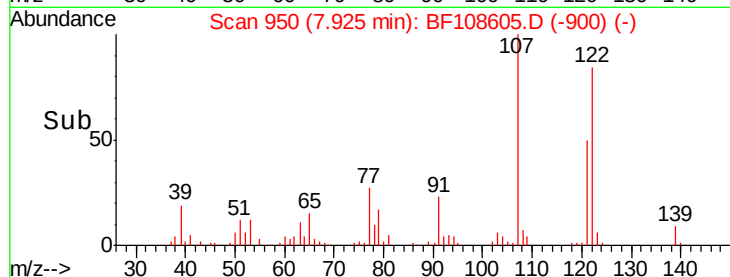
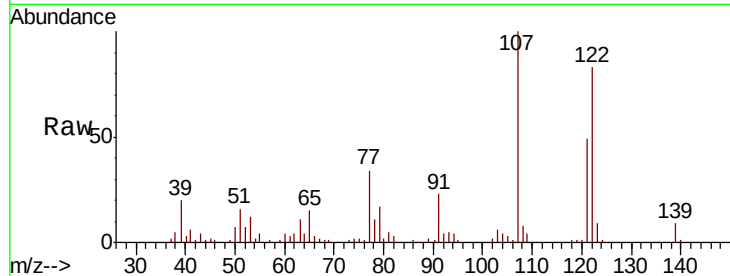




#27
 2,4-Dimethylphenol
 Concen: 15.196 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

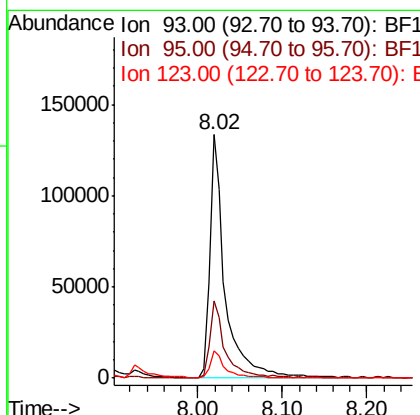
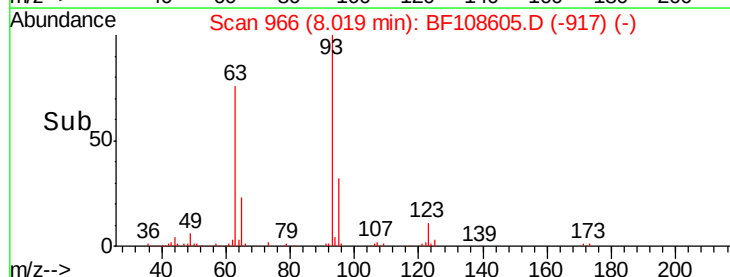
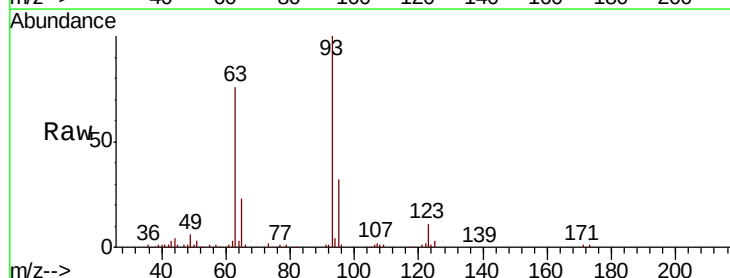
Instrument :
 BNA_F
 ClientSampleId :

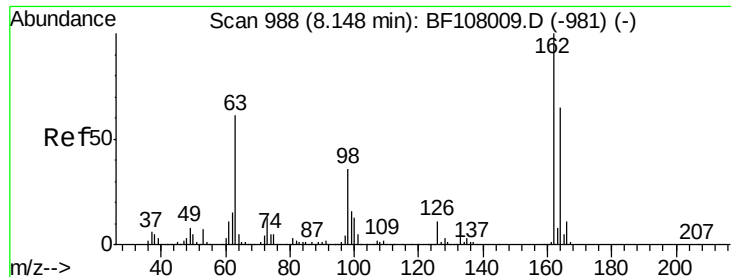
Tot Ion:122 Resp: 113613
 Ion Ratio Lower Upper
 122 100
 107 120.0 91.2 136.8
 121 58.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 16.988 ng
 RT: 8.02 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion: 93 Resp: 167053
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.3 39.5
 123 11.4 9.8 14.6

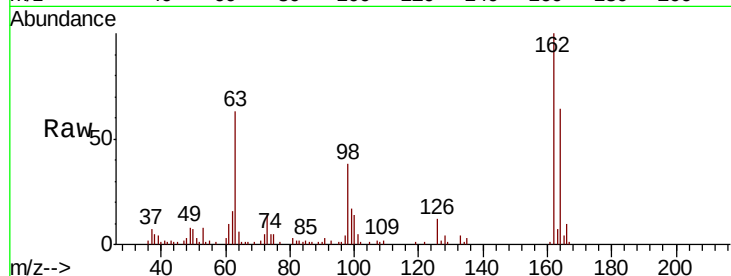




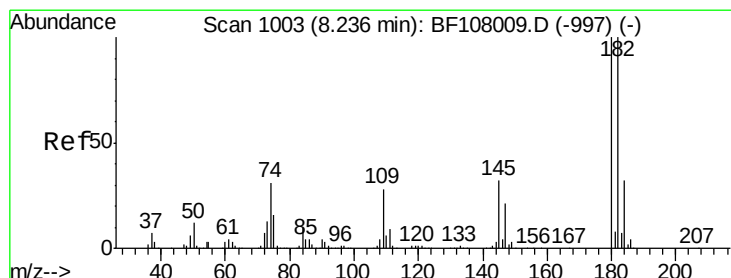
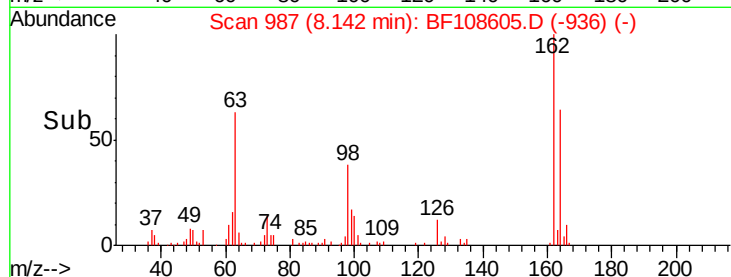
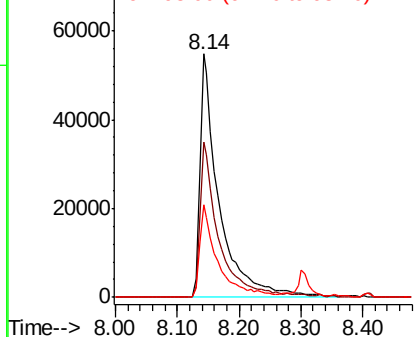
#29
2,4-Dichlorophenol
Concen: 17.183 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	37.8	18.1	58.1

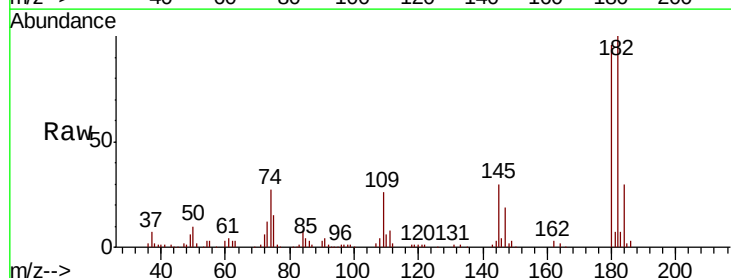


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

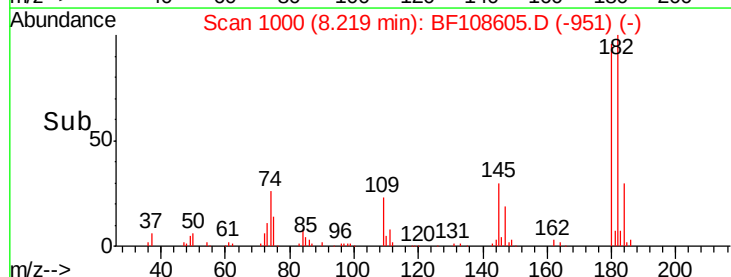
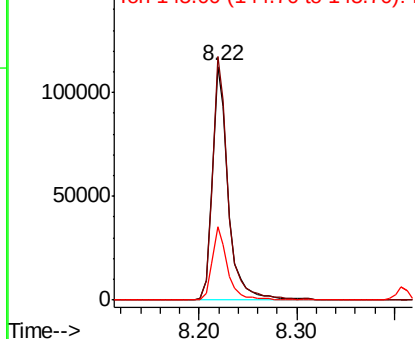


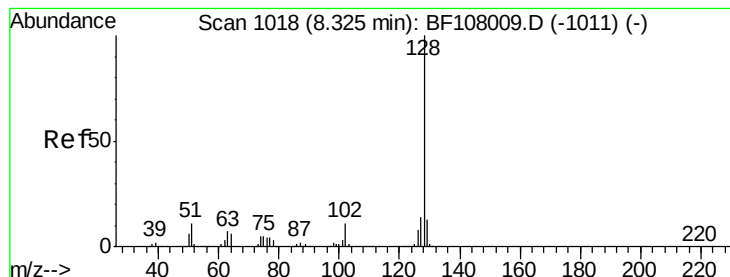
#30
1,2,4-Trichlorobenzene
Concen: 16.712 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.3	76.8	115.2
145	31.6	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: 20.049 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

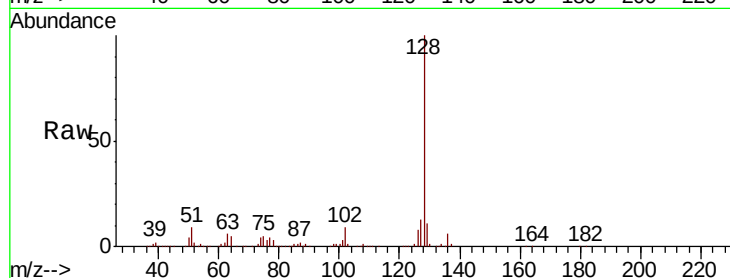
Tot Ion:128 Resp: 449661

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

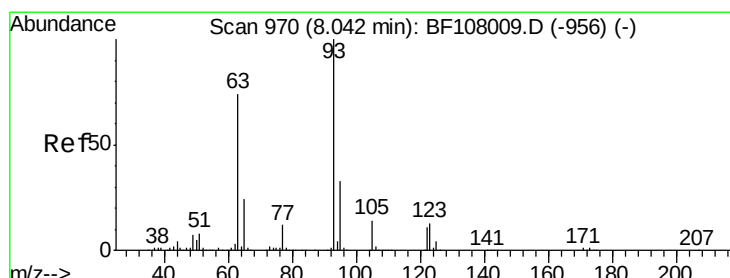
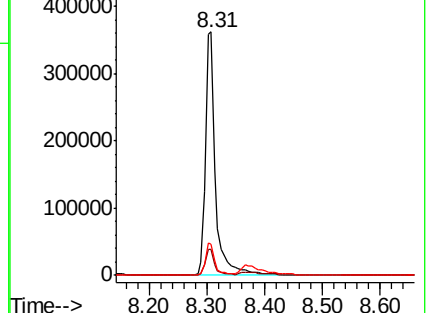
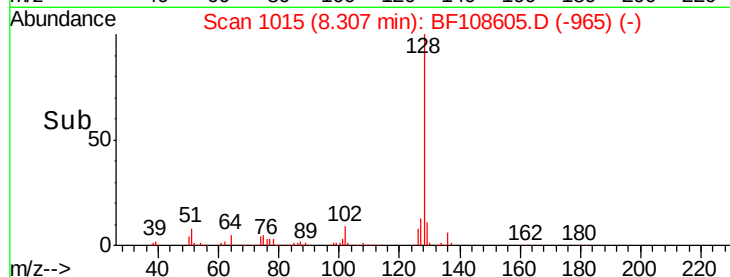
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.903 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.11 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

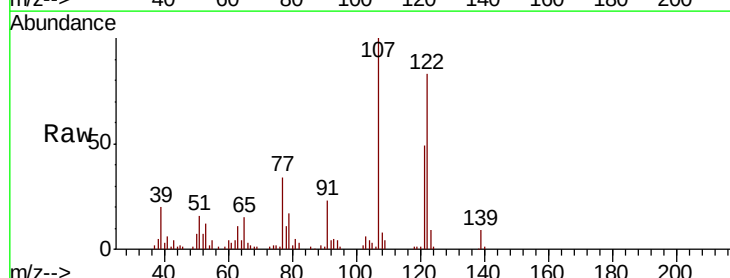
Tgt Ion:122 Resp: 113613

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

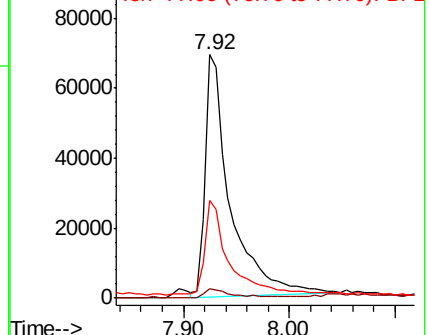
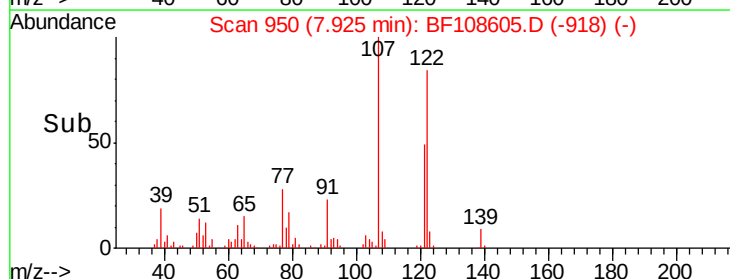
77 40.3 70.7 110.7#

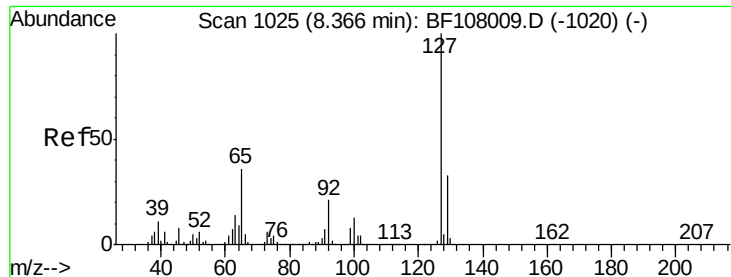


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

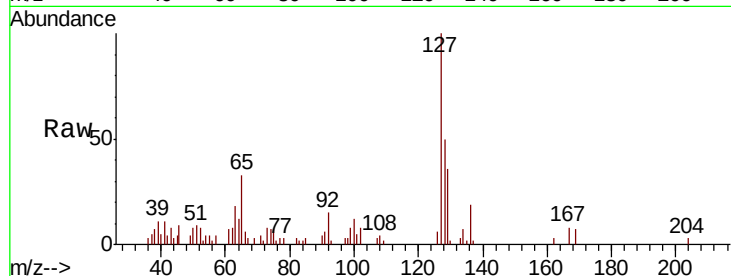




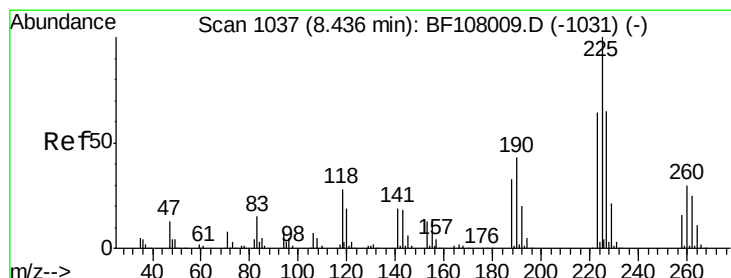
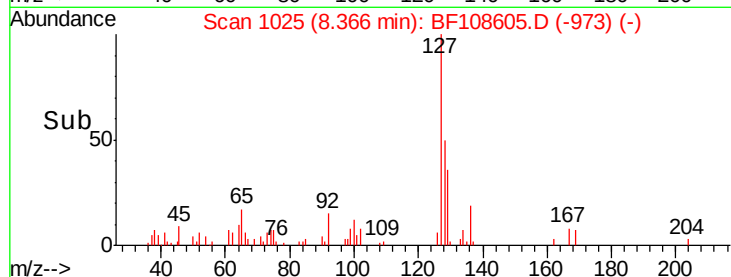
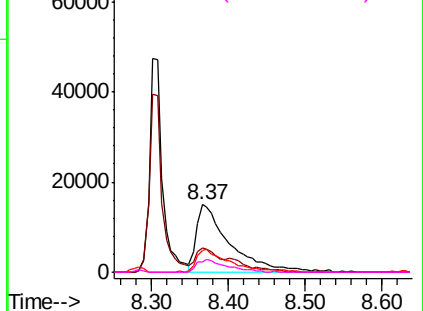
#33
4-Chloroaniline
Concen: 4.634 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	45292
Ion Ratio	Lower	Upper
127	100	
129	35.6	25.9 38.9
65	32.6	25.0 37.4
92	15.2	15.2 22.8

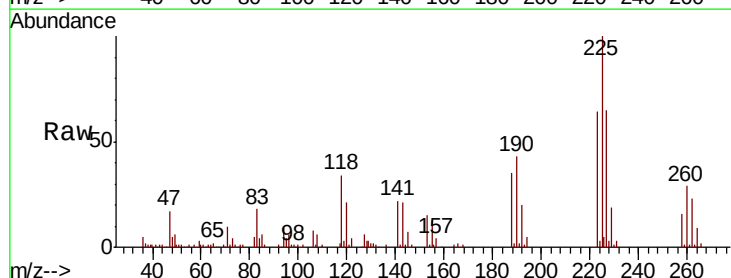


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

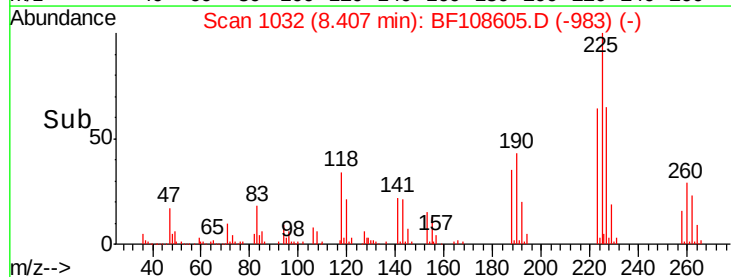
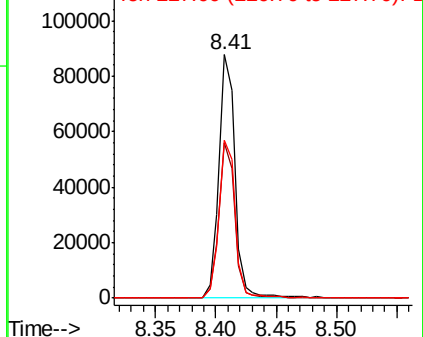


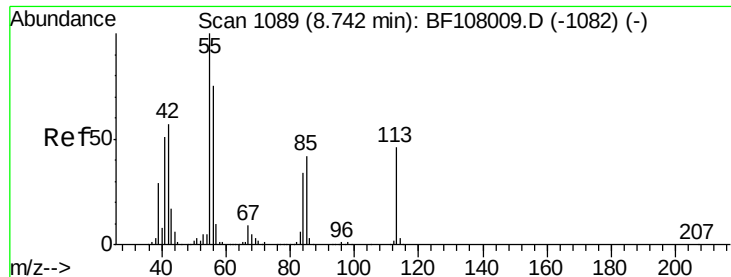
#34
Hexachlorobutadiene
Concen: 16.699 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:225	Resp:	80191
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.6 76.0
227	64.8	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: 13.744 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampled :

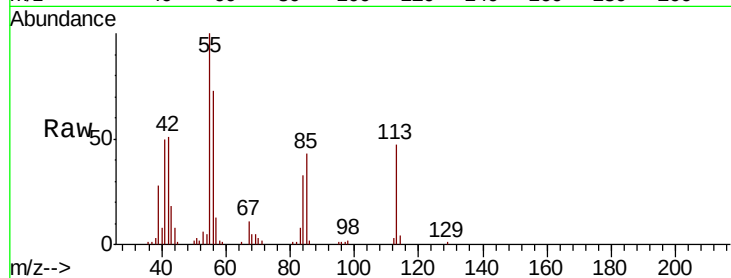
Tot Ion:113 Resp: 29633

Ion Ratio Lower Upper

113 100

55 213.5 163.3 203.3#

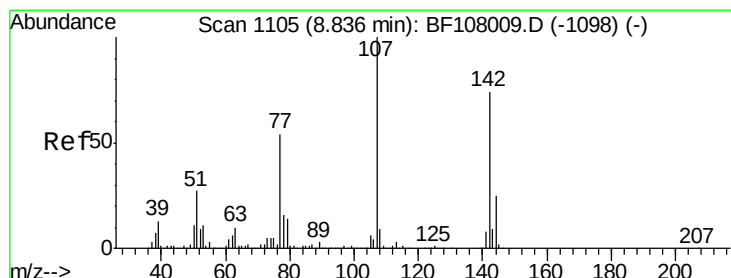
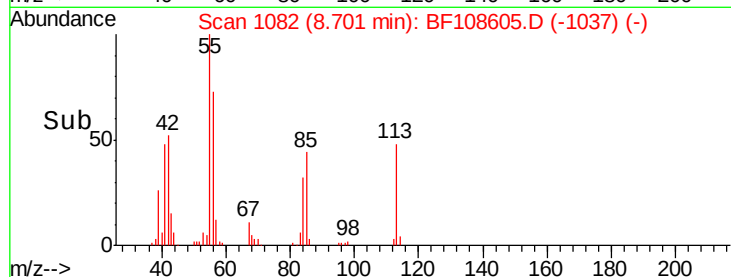
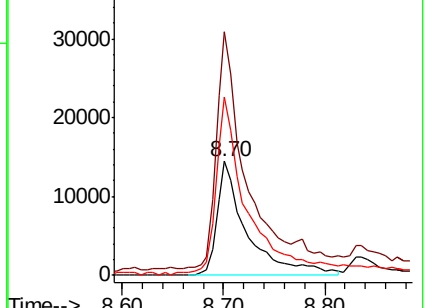
56 156.1 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 16.211 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

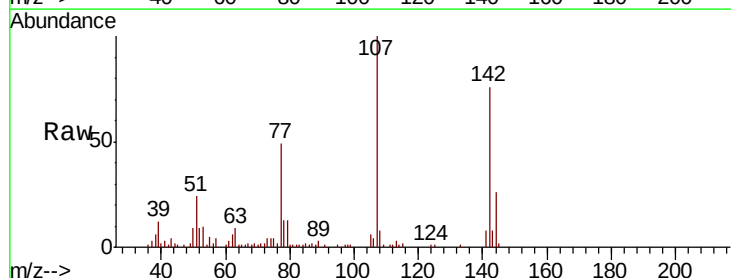
Tgt Ion:107 Resp: 120322

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

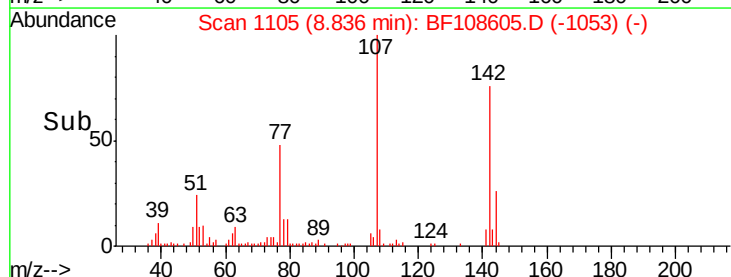
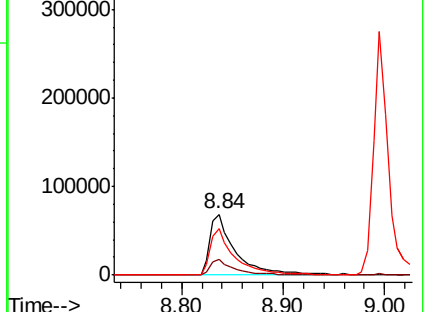
142 75.7 62.0 93.0

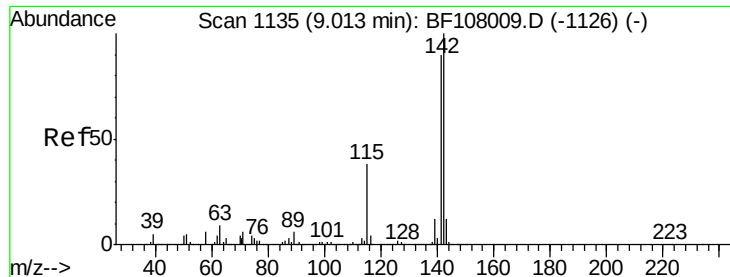


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

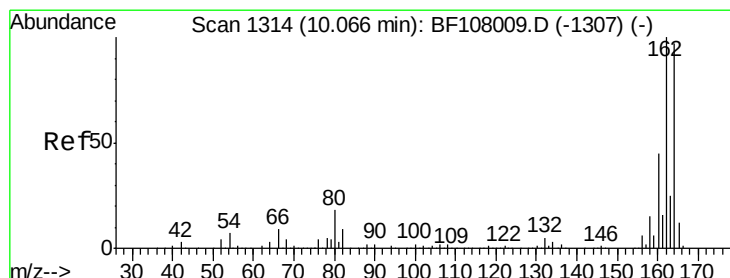
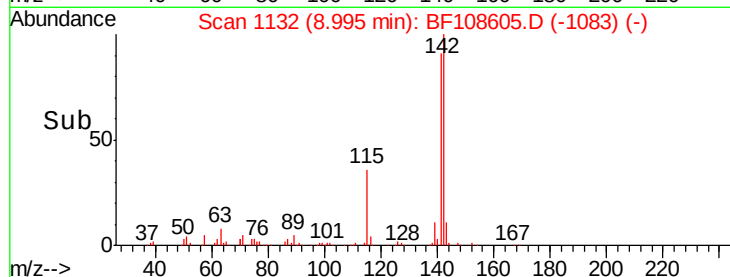
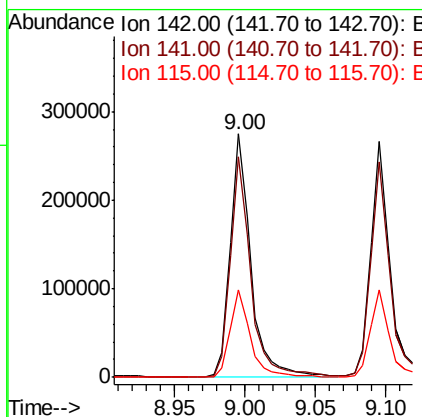
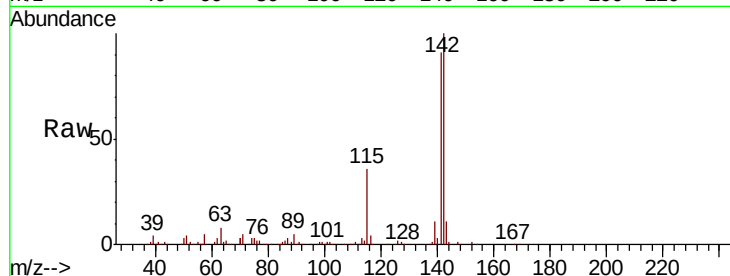




#37
 2-Methylnaphthalene
 Concen: 17.646 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

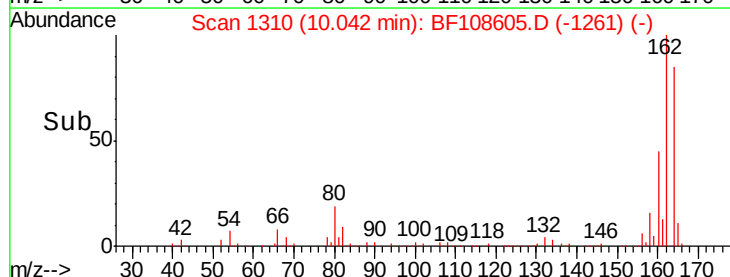
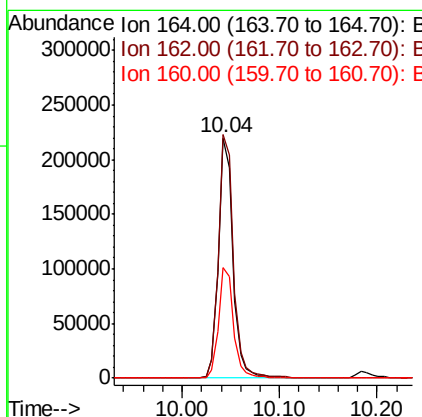
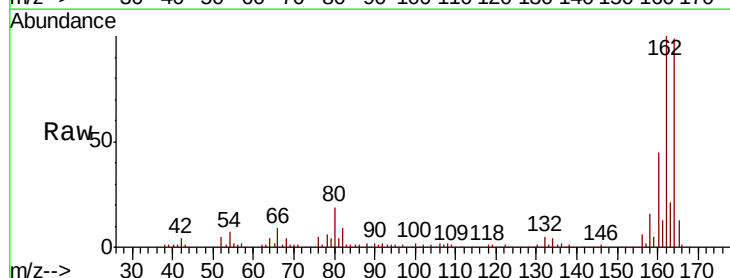
Instrument :
 BNA_F
 ClientSampleId :

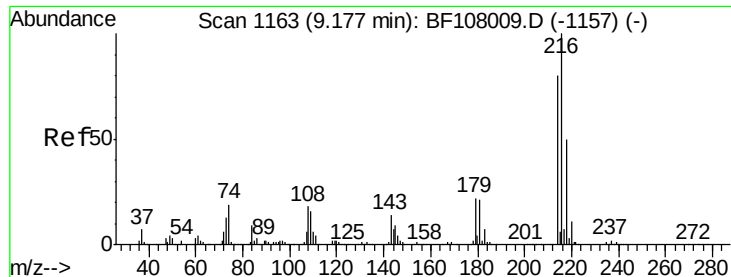
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	35.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.836 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 132626

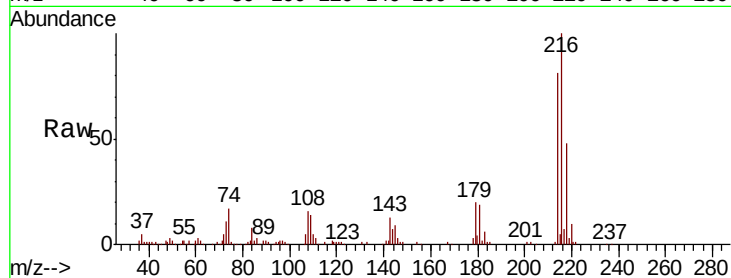
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.3 18.1 27.1

108 17.2 17.2 25.8

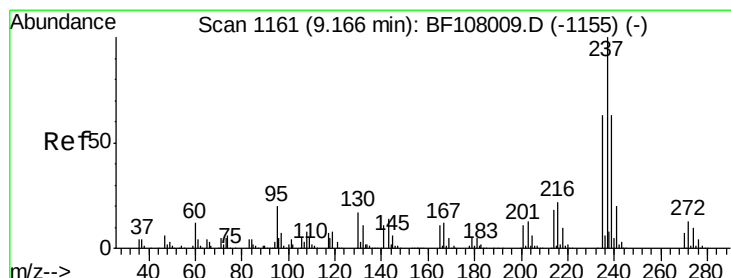
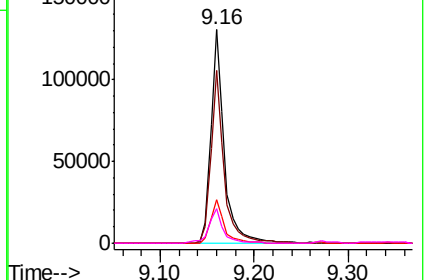
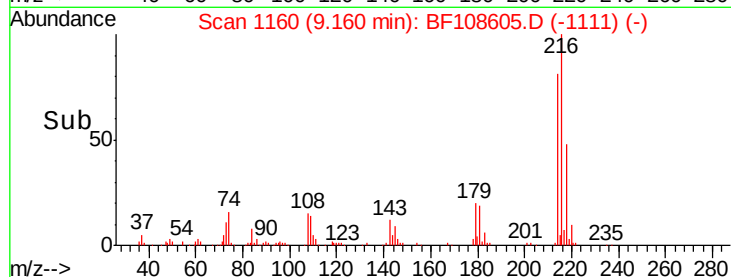


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.345 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

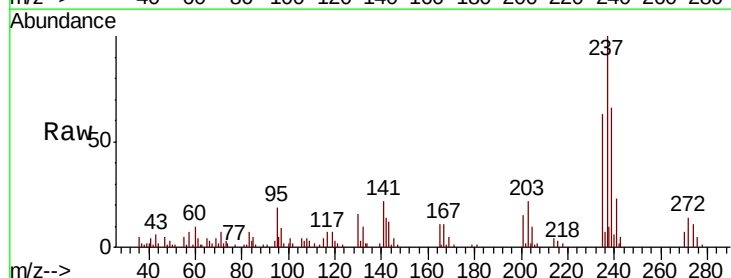
Tgt Ion:237 Resp: 28855

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

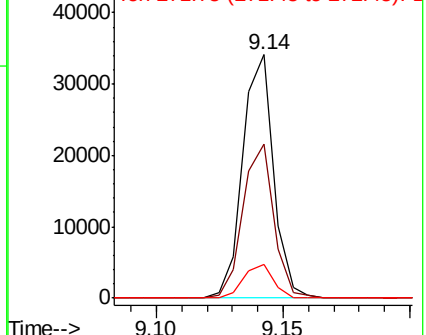
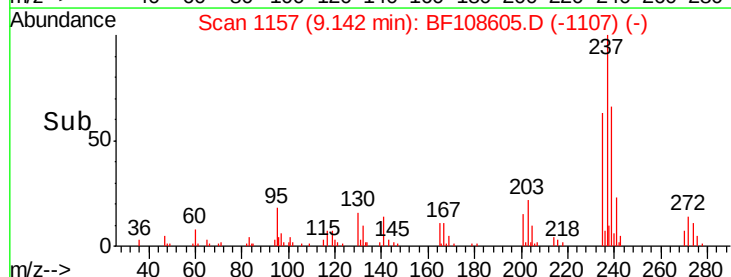
272 14.0 0.0 33.3

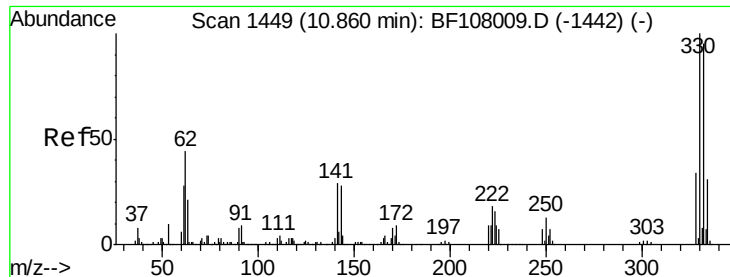


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

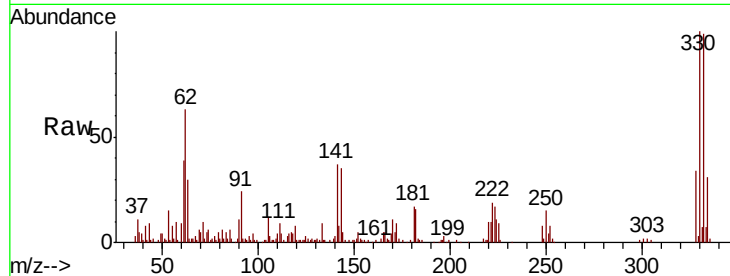




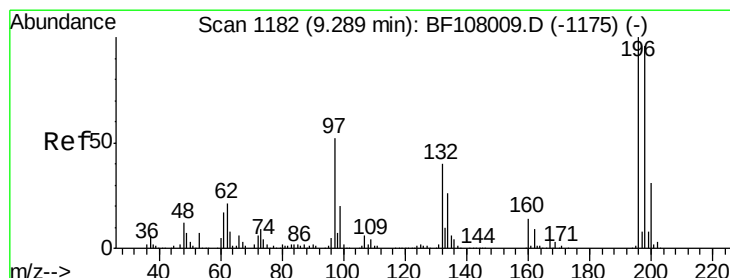
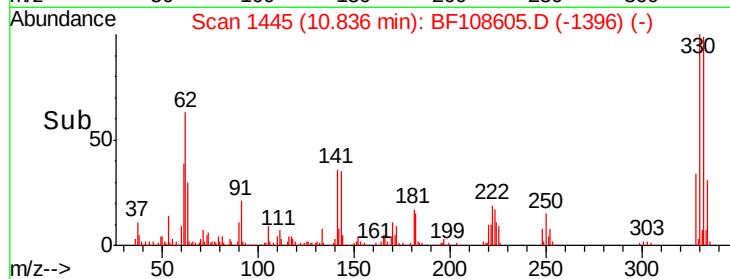
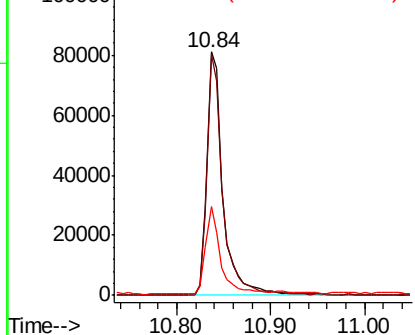
#41
 2,4,6-Tribromophenol
 Concen: 42.963 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	98259
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	96.6		
141	32.8		
	29.9		
	44.9		

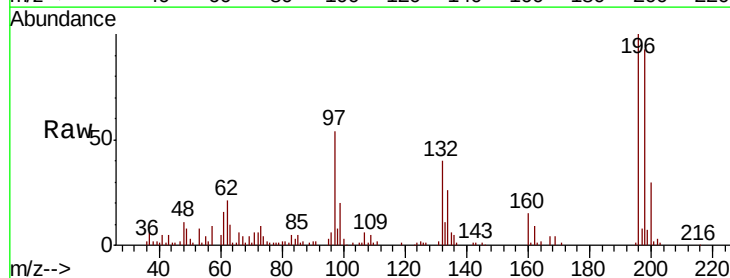


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

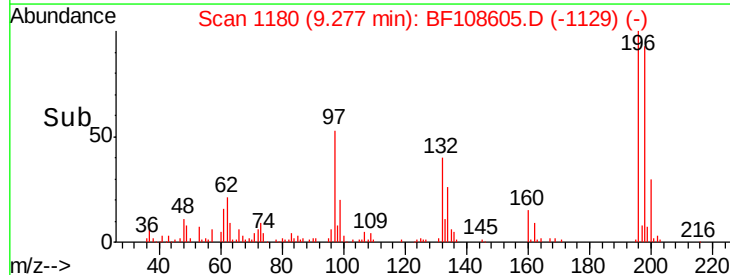
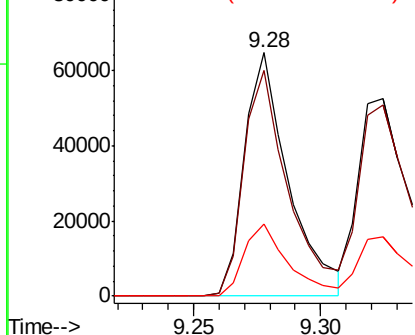


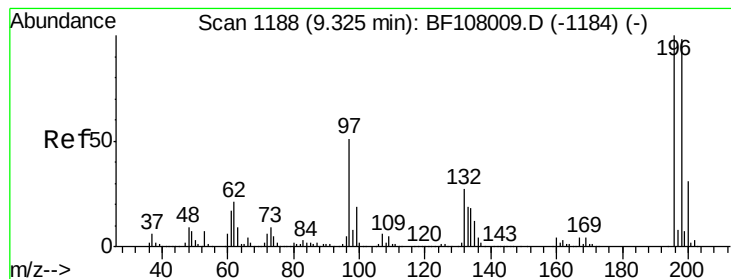
#42
 2,4,6-Trichlorophenol
 Concen: 17.959 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion	196	Resp	78470
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	92.9		
200	29.7		
	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: 18.501 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 88987

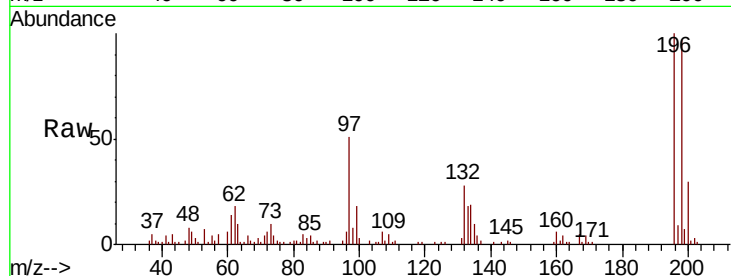
Ion Ratio Lower Upper

196 100

198 96.6 74.6 112.0

97 51.0 42.9 64.3

132 27.7 26.3 39.5

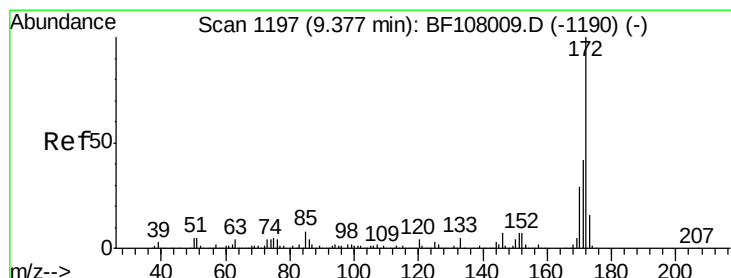
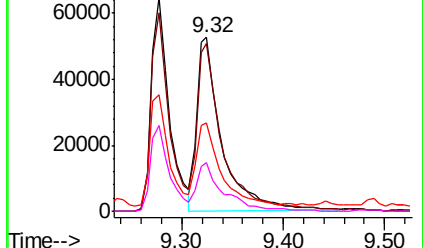
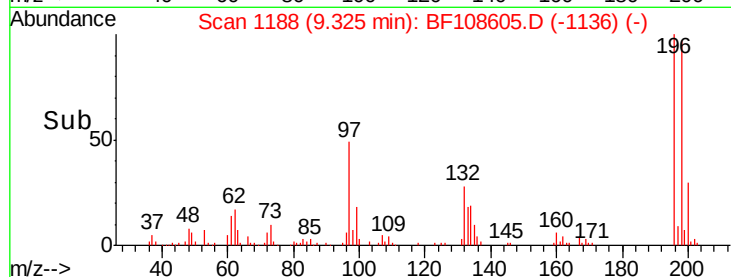


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 30.261 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

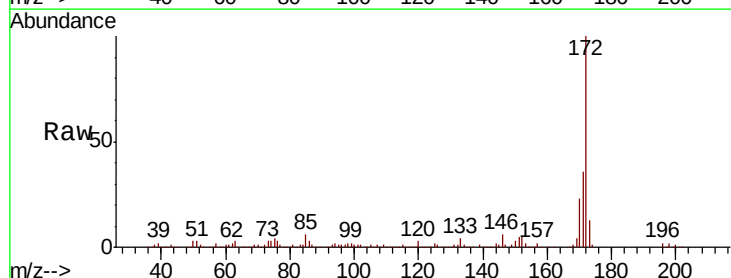
Tgt Ion:172 Resp: 432166

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

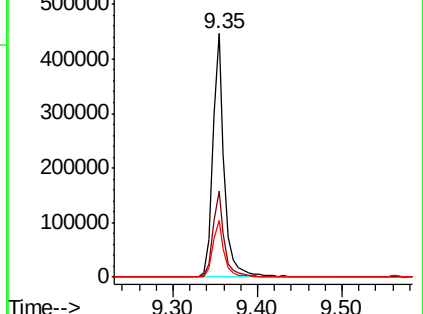
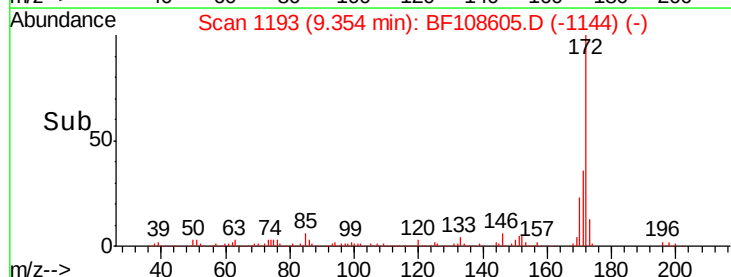
170 23.4 19.6 29.4

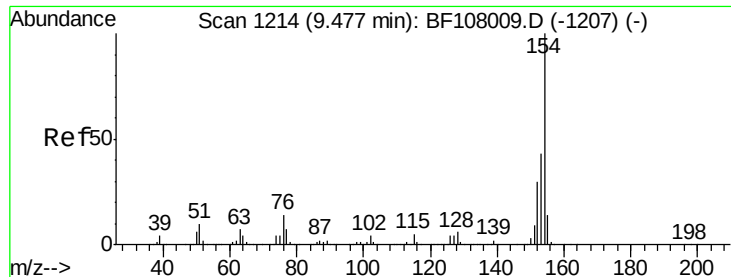


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 19.103 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

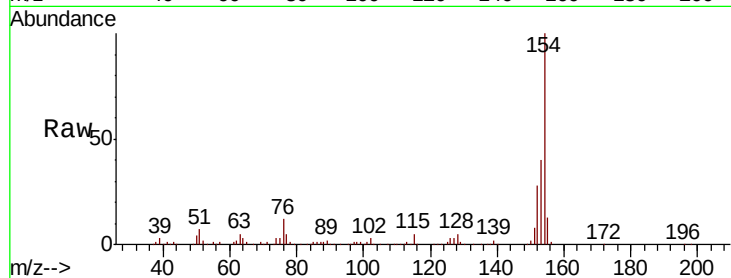
Tot Ion:154 Resp: 322939

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

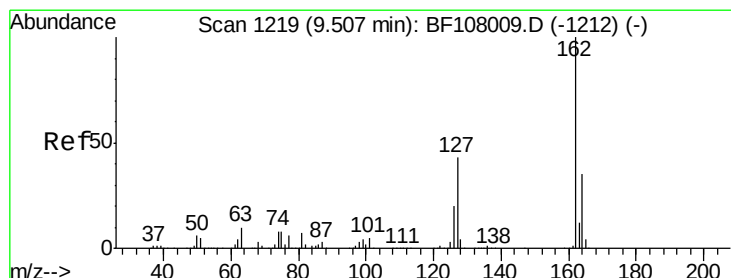
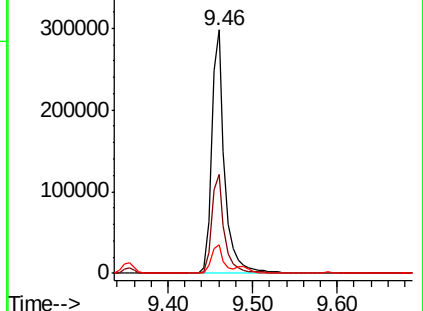
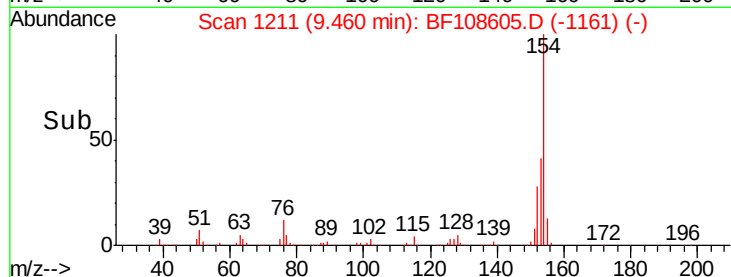
76 11.7 0.0 34.0



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: 17.986 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

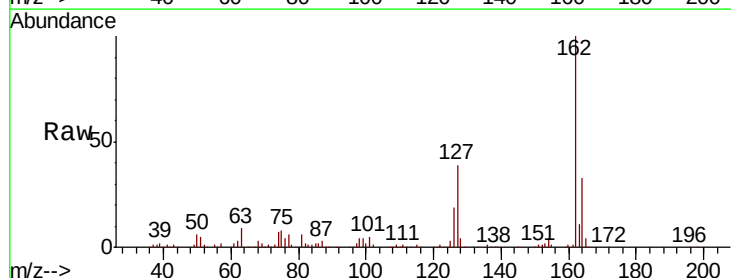
Tgt Ion:162 Resp: 240316

Ion Ratio Lower Upper

162 100

127 38.5 33.9 50.9

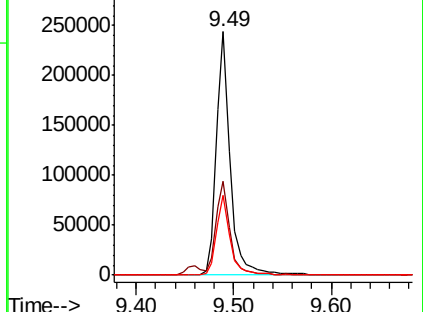
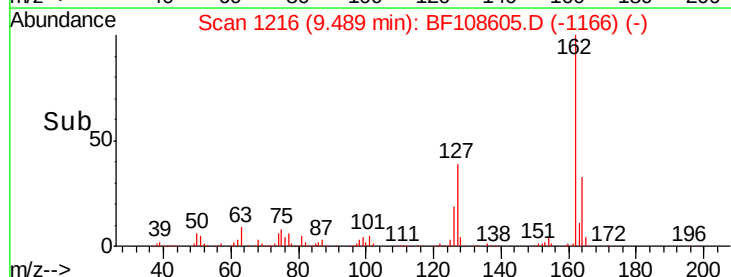
164 32.5 26.5 39.7

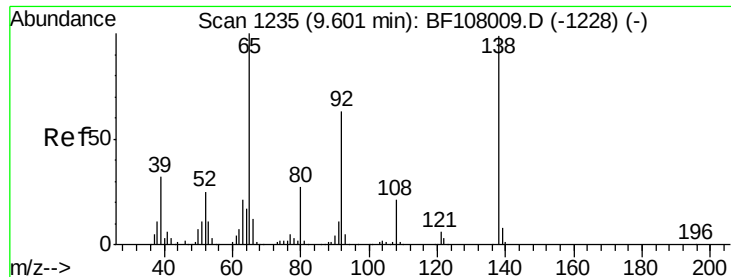


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

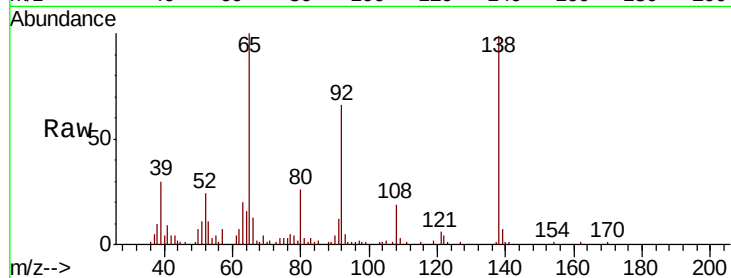




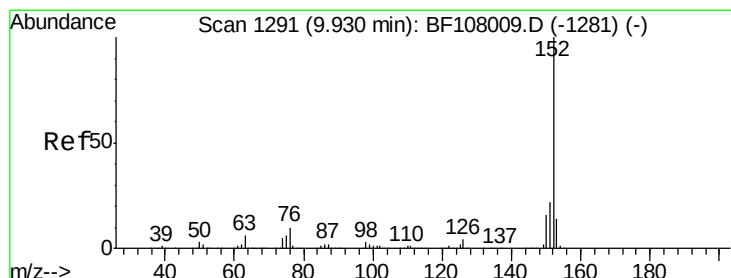
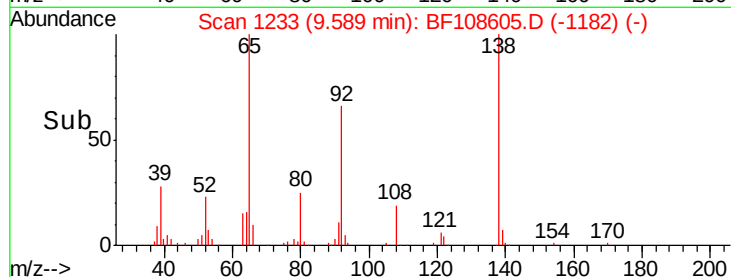
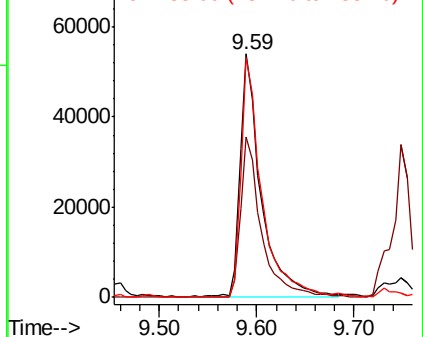
#47
2-Nitroaniline
Concen: 18.845 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 81470
Ion Ratio Lower Upper
65 100
92 65.6 55.8 83.6
138 98.6 91.2 136.8

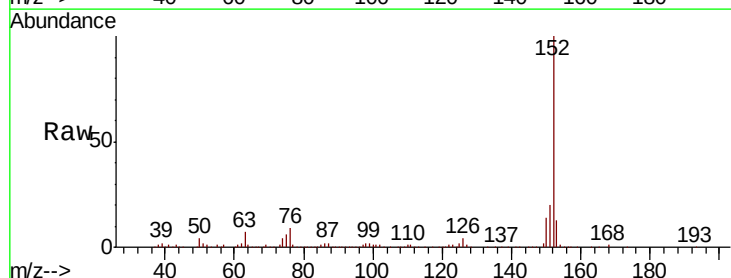


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

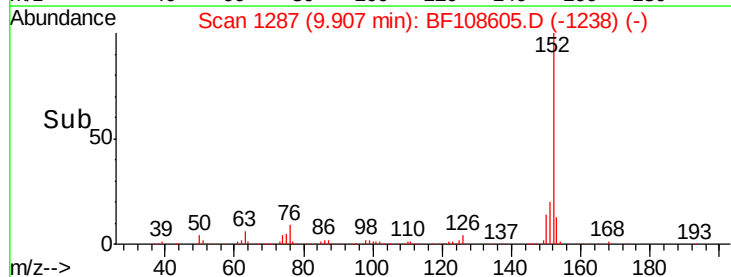
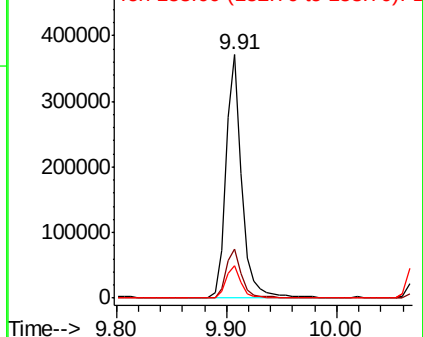


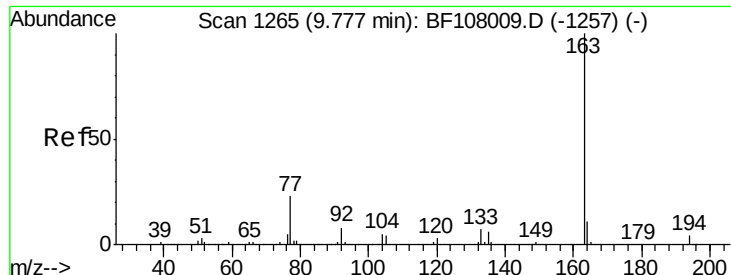
#48
Acenaphthylene
Concen: 17.661 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion: 152 Resp: 373061
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.1 10.7 16.1



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

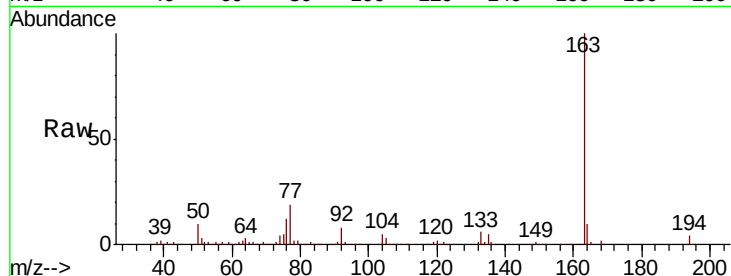




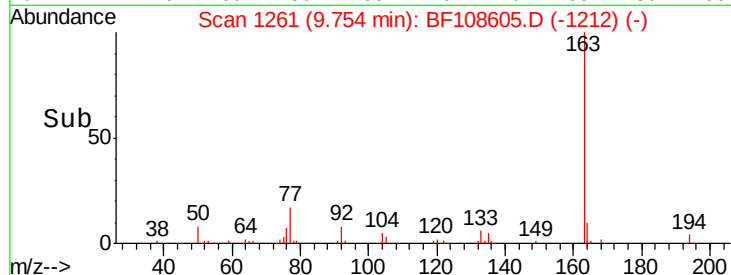
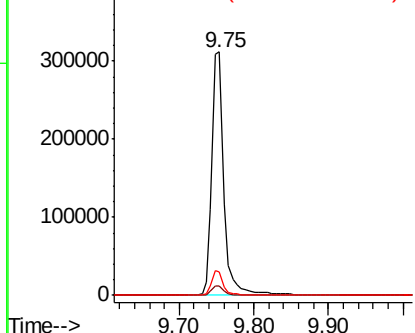
#49
Dimethylphthalate
Concen: 21.981 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 351075
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 8.2 12.2

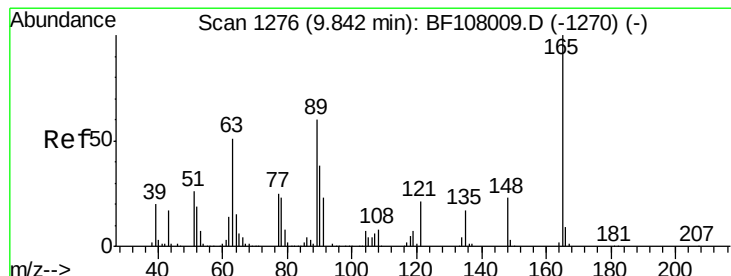


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

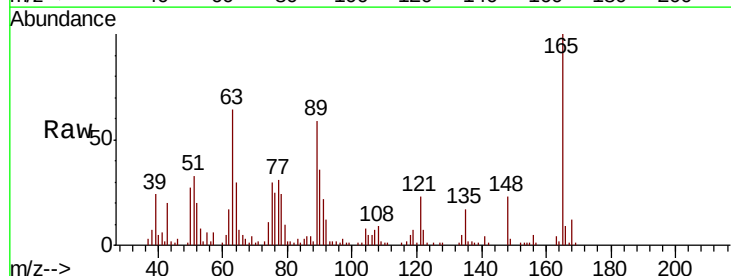
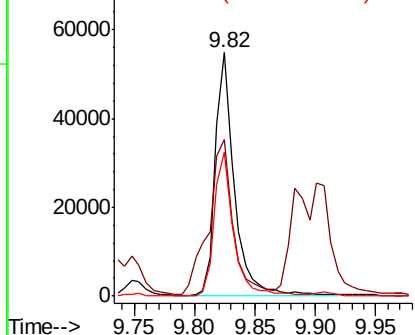


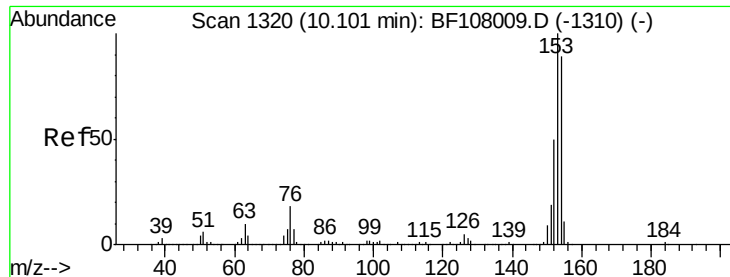
#50
2,6-Dinitrotoluene
Concen: 17.957 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:165 Resp: 60004
Ion Ratio Lower Upper
165 100
63 64.1 44.7 67.1
89 59.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 24.617 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

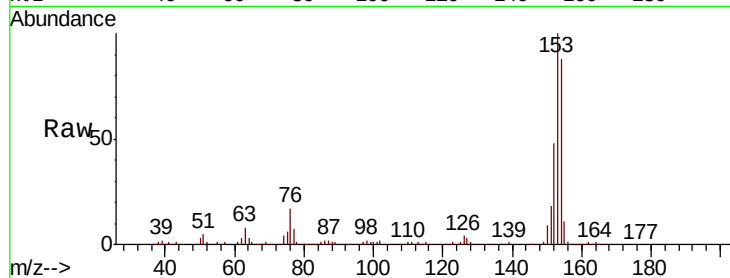
Tot Ion:154 Resp: 318488

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

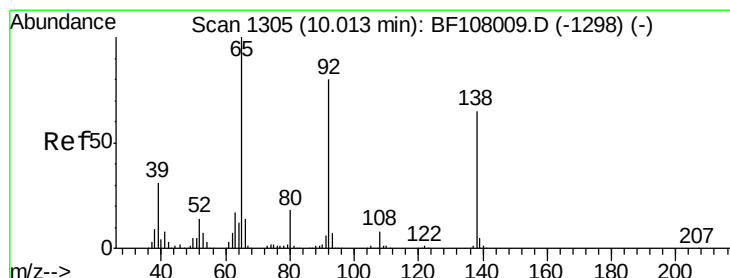
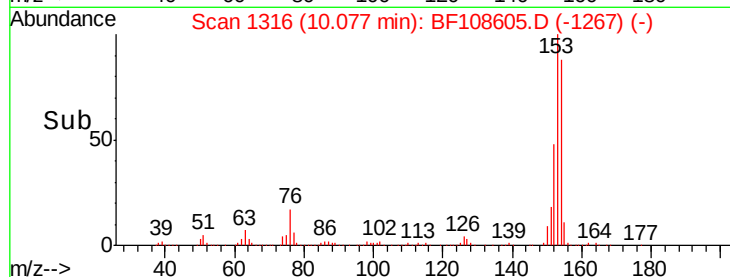
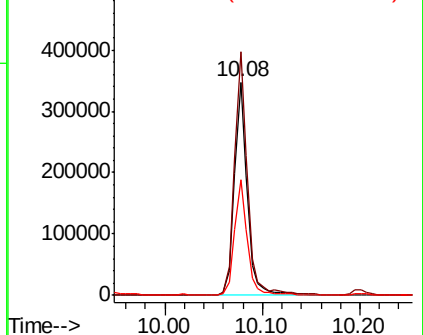
152 54.3 43.8 65.8



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: 10.618 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

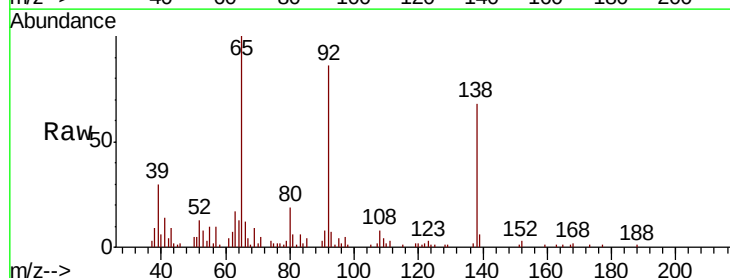
Tgt Ion:138 Resp: 38821

Ion Ratio Lower Upper

138 100

108 11.9 9.4 14.0

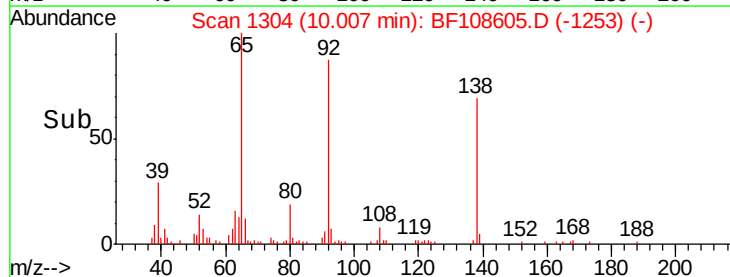
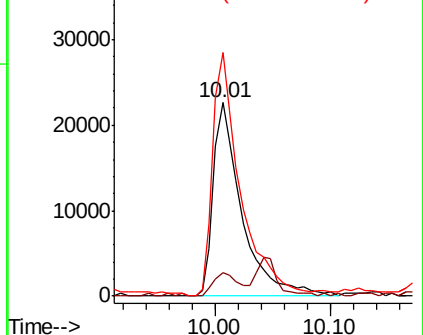
92 126.1 89.4 134.2

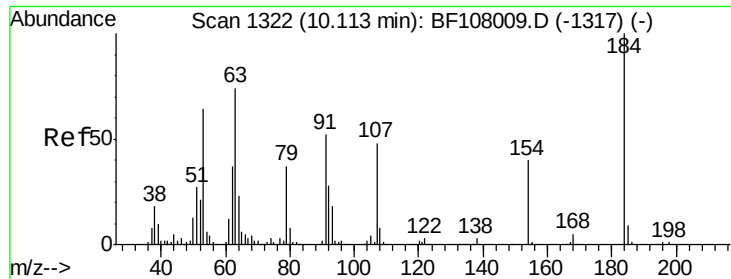


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

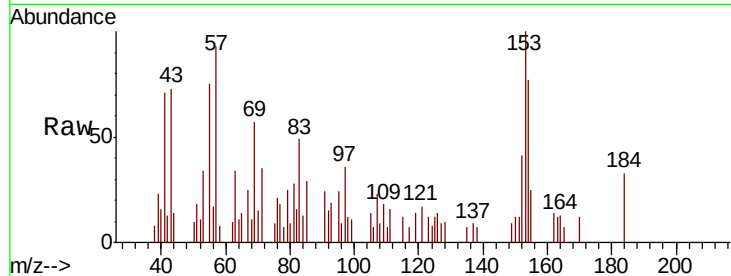




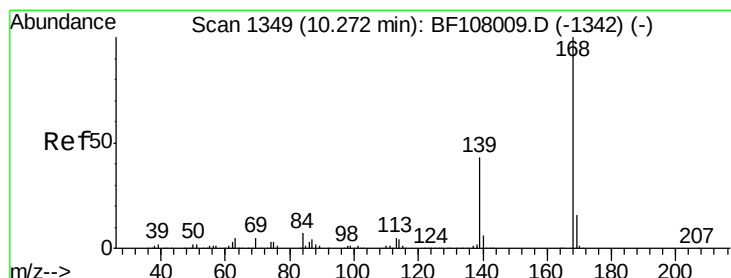
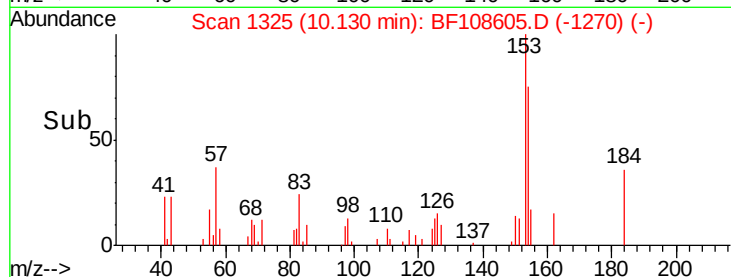
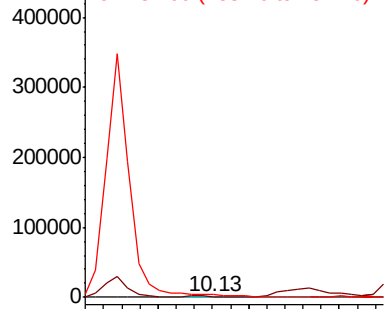
#53
 2,4-Dinitrophenol
 Concen: 9.447 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 3326
 Ion Ratio Lower Upper
 184 100
 63 102.2 54.2 81.2#
 154 234.8 184.0 276.0

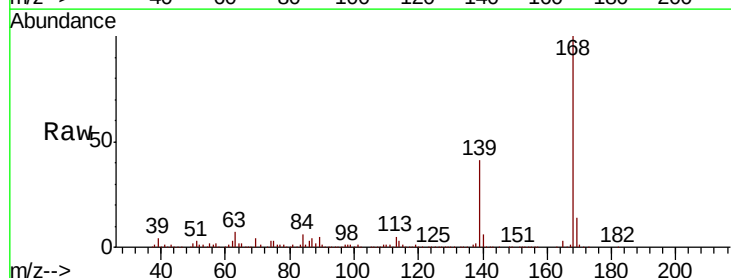


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

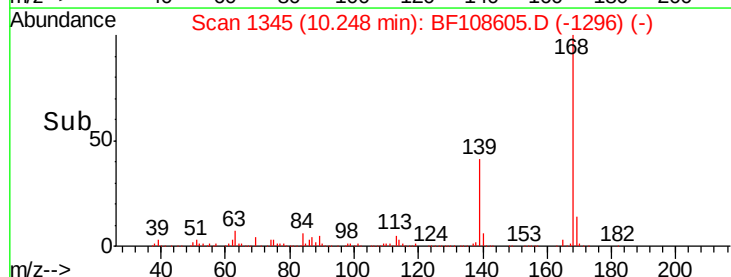
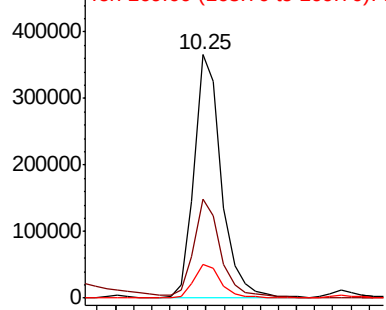


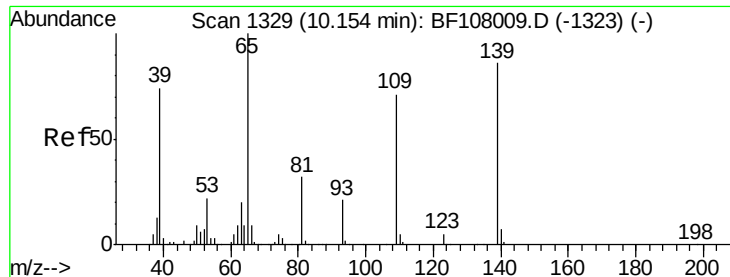
#54
 Dibenzofuran
 Concen: 20.440 ng
 RT: 10.25 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion:168 Resp: 383124
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.1 45.1
 169 14.1 10.9 16.3



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

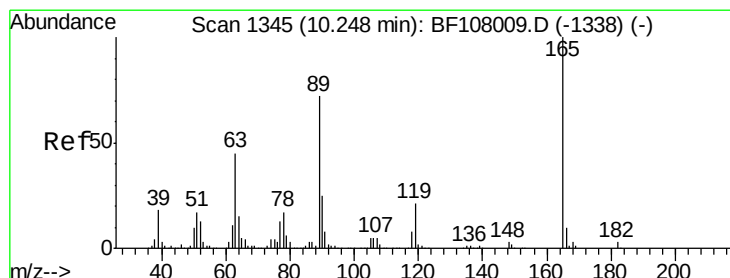
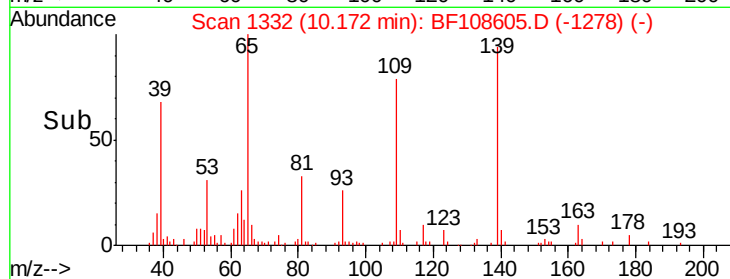
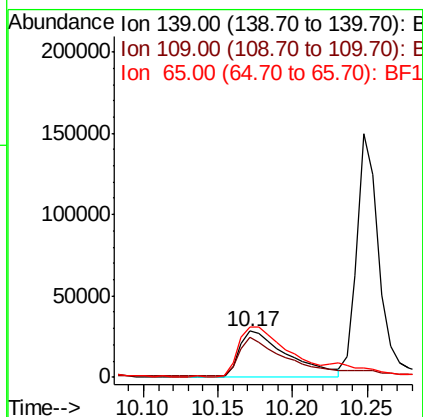
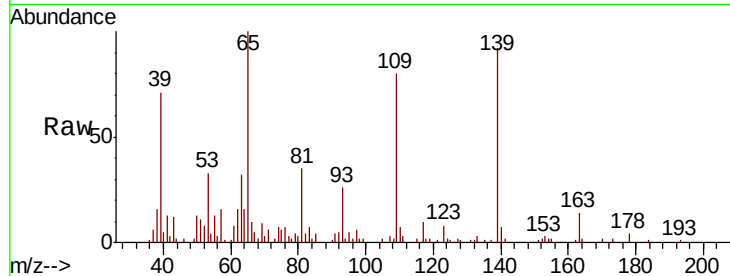




#55
4-Nitrophenol
Concen: 23.621 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

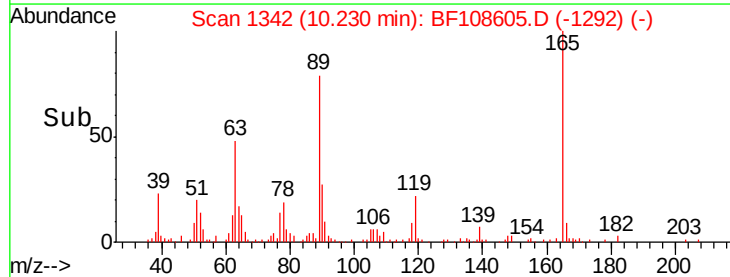
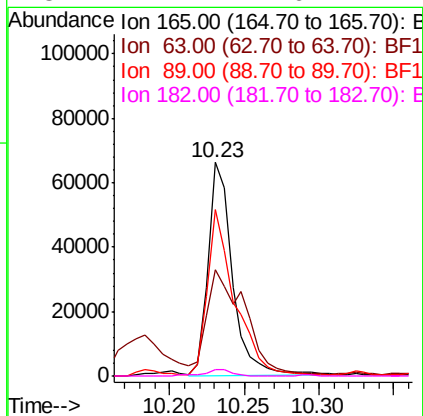
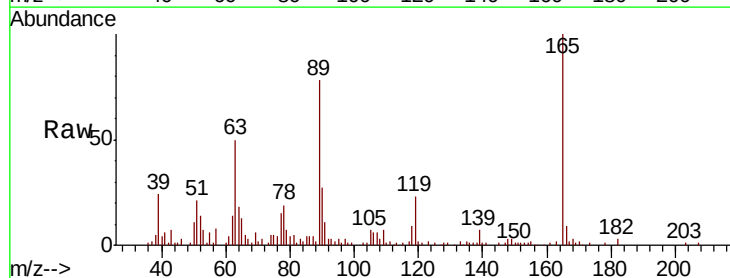
Instrument :
BNA_F
ClientSampleId :

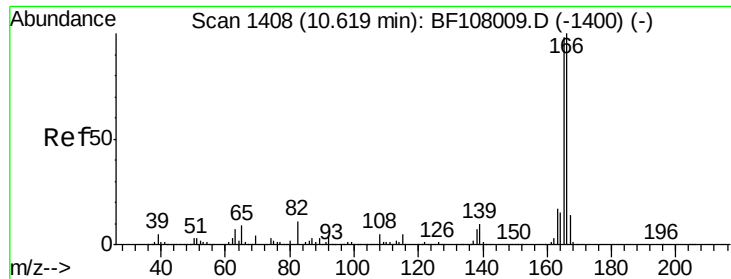
Tot Ion:139 Resp: 65398
Ion Ratio Lower Upper
139 100
109 86.6 48.4 88.4
65 108.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 17.278 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:165 Resp: 74316
Ion Ratio Lower Upper
165 100
63 50.0 36.4 54.6
89 78.1 57.8 86.6
182 2.7 1.6 2.4#

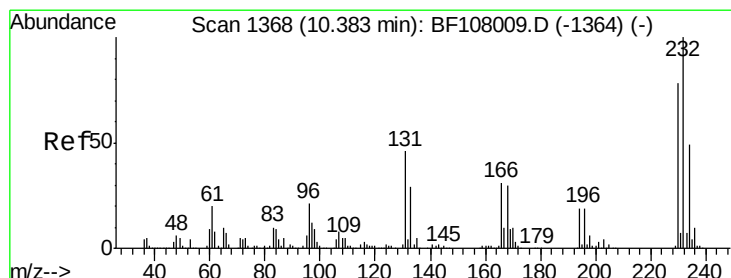
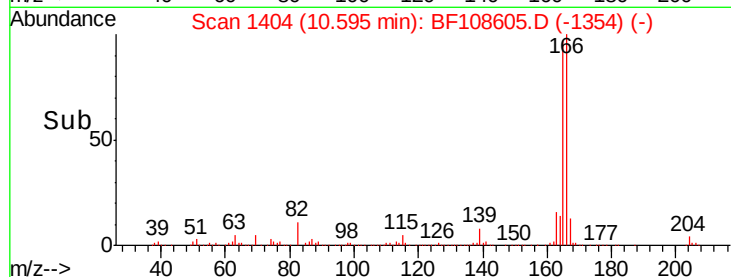
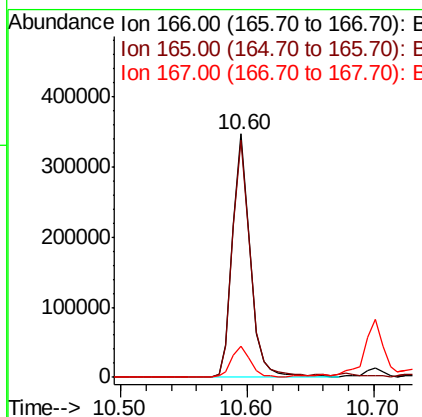
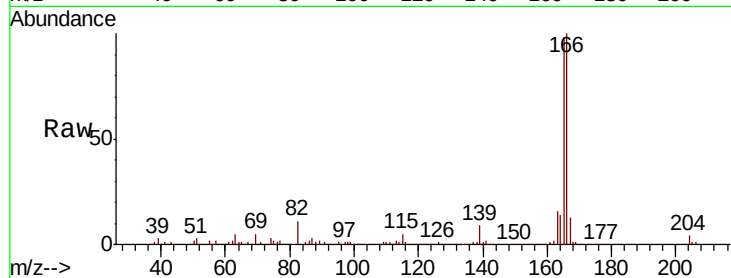




#57
 Fluorene
 Concen: 22.411 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

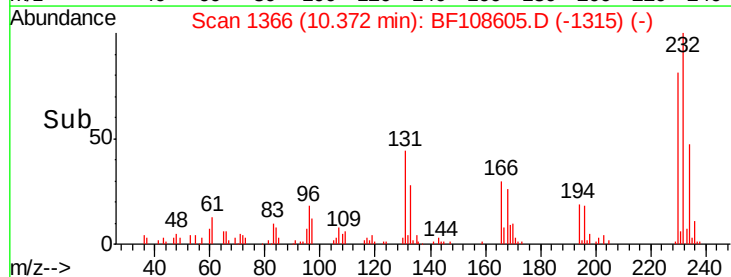
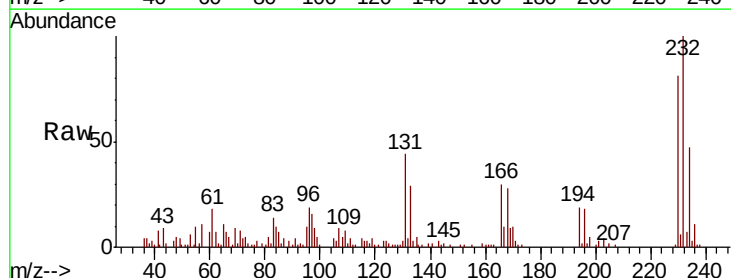
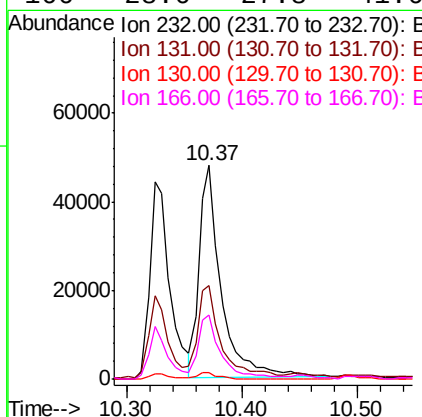
Instrument :
 BNA_F
 ClientSampled :

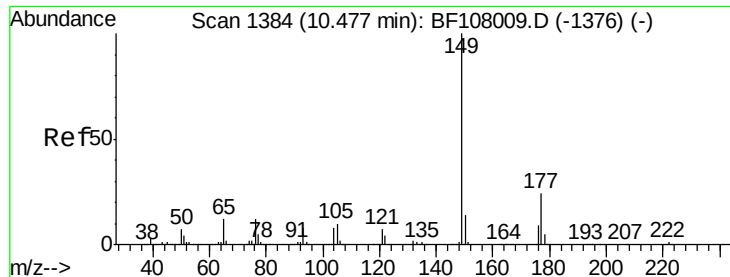
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 16.143 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.0	43.8	65.8
130	2.6	2.1	3.1
166	28.6	27.8	41.6

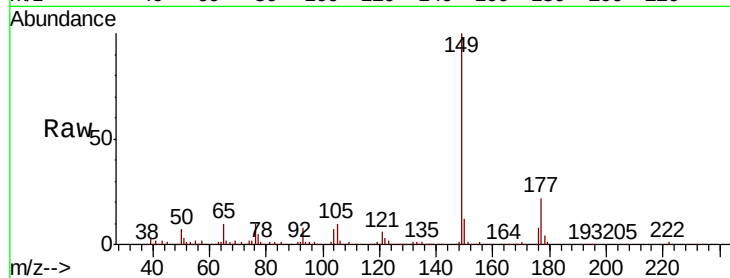




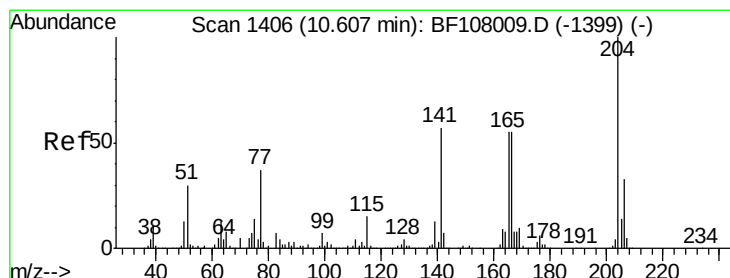
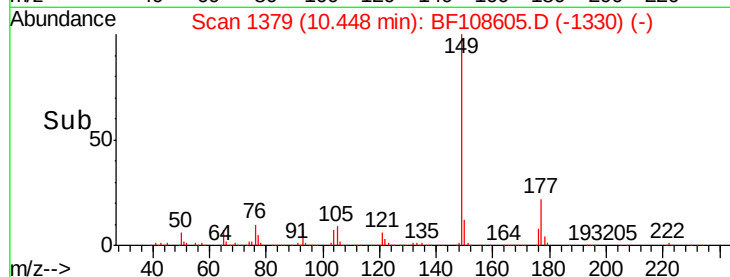
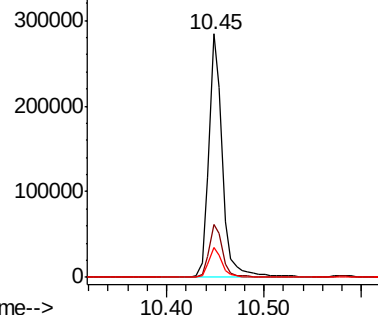
#59
Diethylphthalate
Concen: 17.774 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.2	10.1	15.1

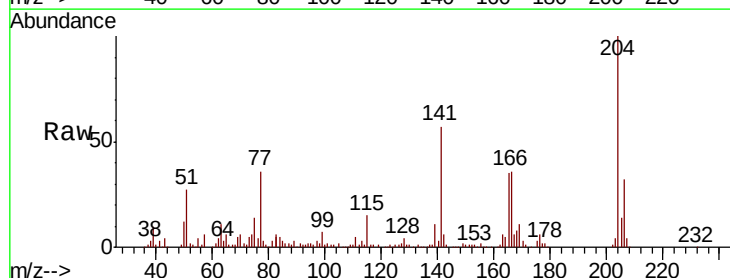


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

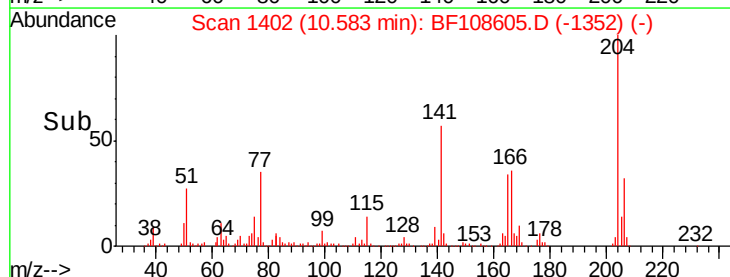
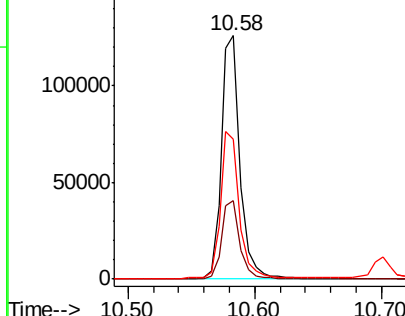


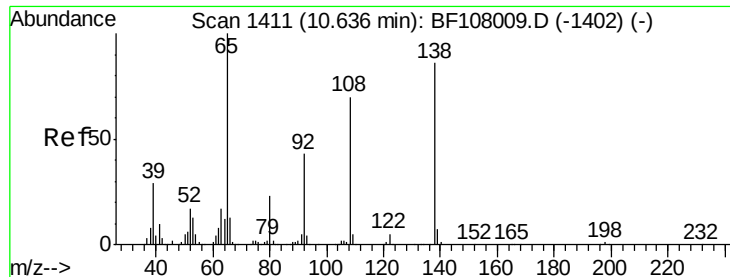
#60
4-Chlorophenyl-phenylether
Concen: 16.658 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	57.5	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

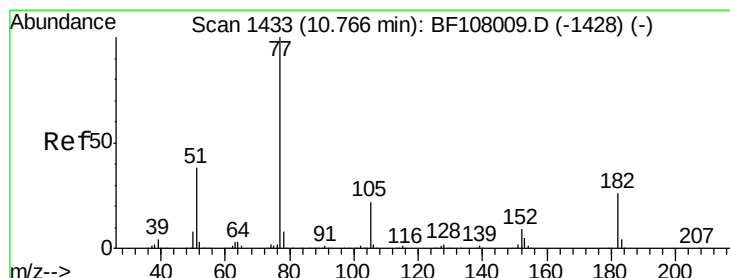
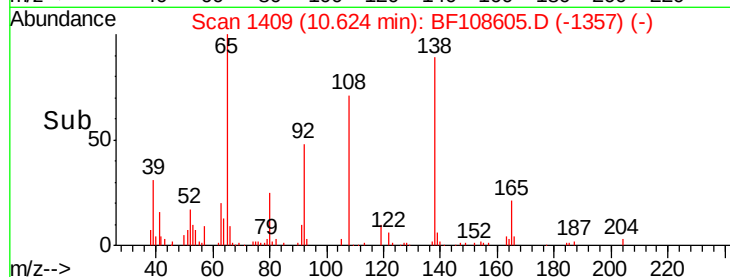
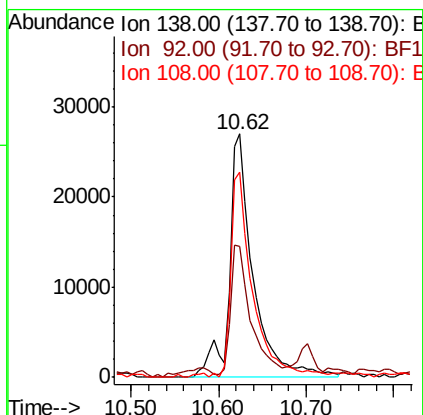
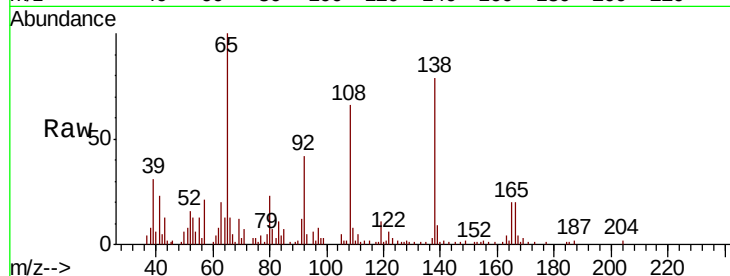




#61
4-Nitroaniline
Concen: 13.953 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

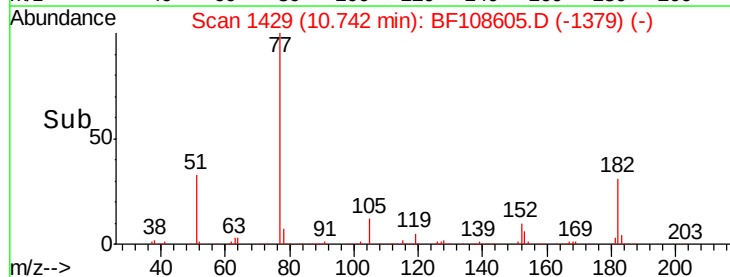
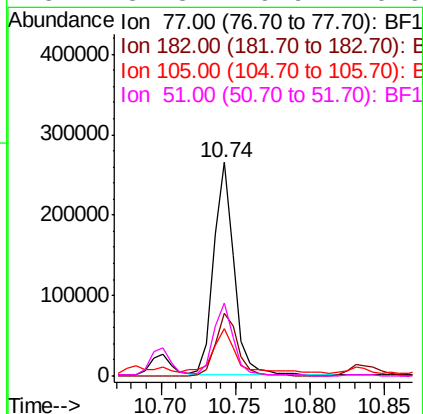
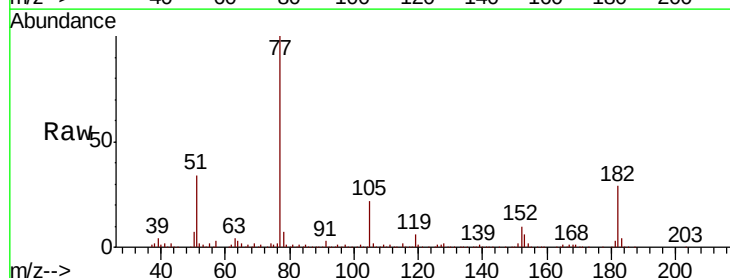
Instrument :
BNA_F
ClientSampleId :

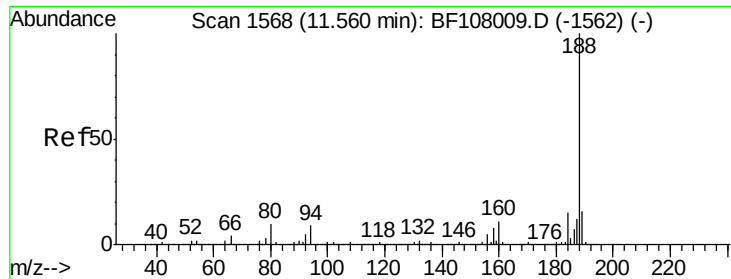
Tot Ion:138 Resp: 50437
Ion Ratio Lower Upper
138 100
92 53.9 30.2 70.2
108 84.0 52.5 92.5



#62
Azobenzene
Concen: 15.615 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion: 77 Resp: 249403
Ion Ratio Lower Upper
77 100
182 29.4 1.7 41.7
105 22.0 3.0 43.0
51 34.3 9.9 49.9

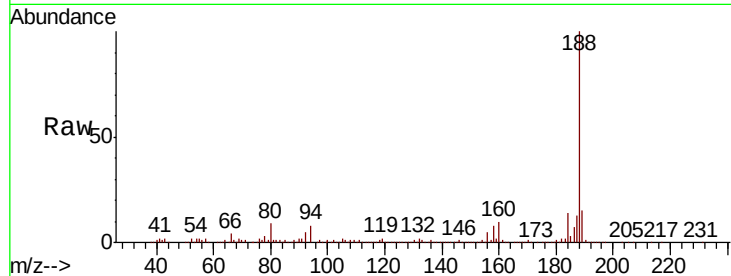




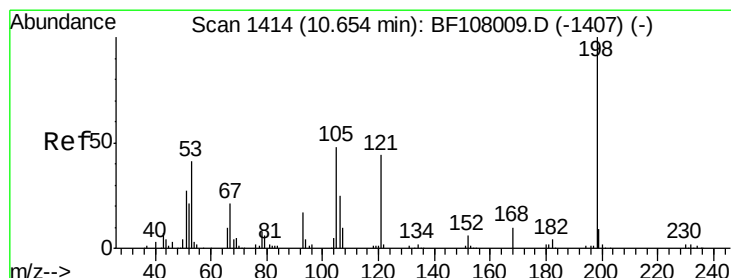
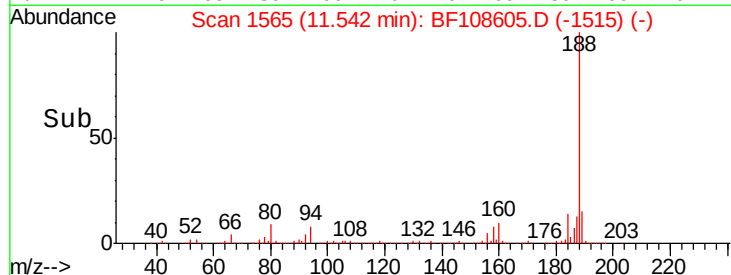
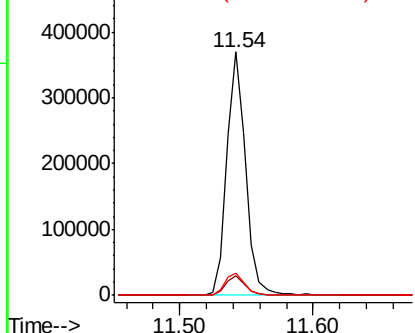
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 369801
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.2 9.2 13.8

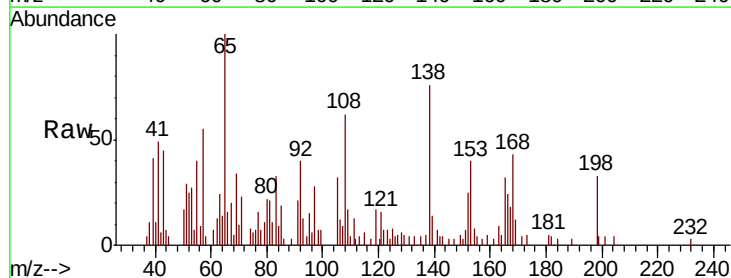


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

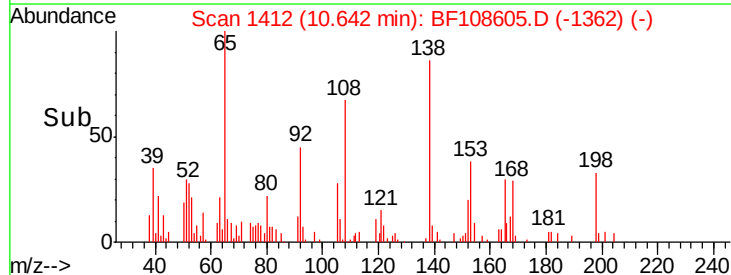
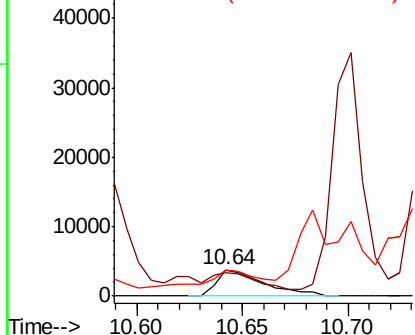


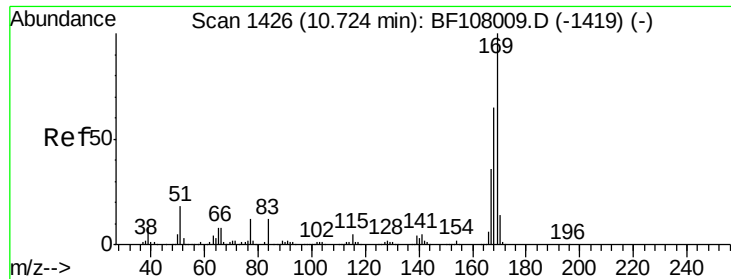
#64
4,6-Dinitro-2-methylphenol
Concen: 9.098 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:198 Resp: 5844
Ion Ratio Lower Upper
198 100
51 89.7 37.7 77.7#
105 97.3 36.3 76.3#



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

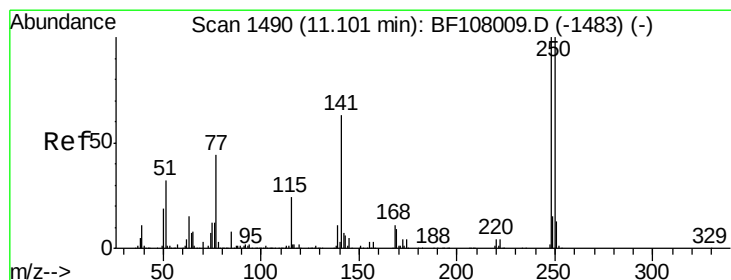
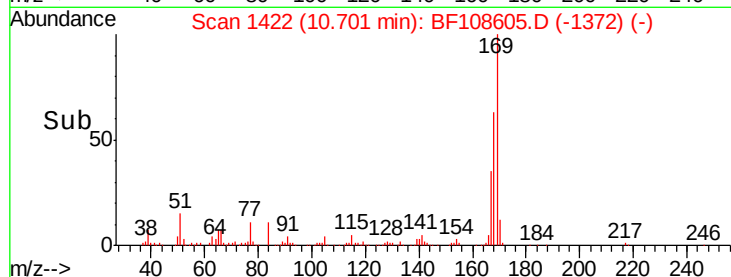
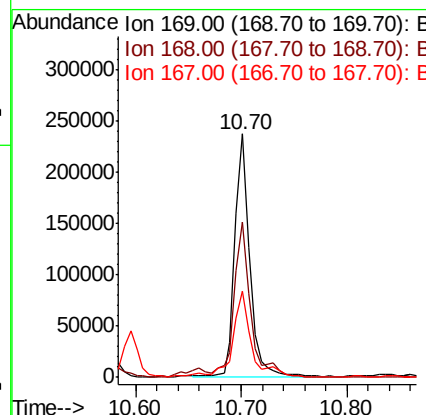
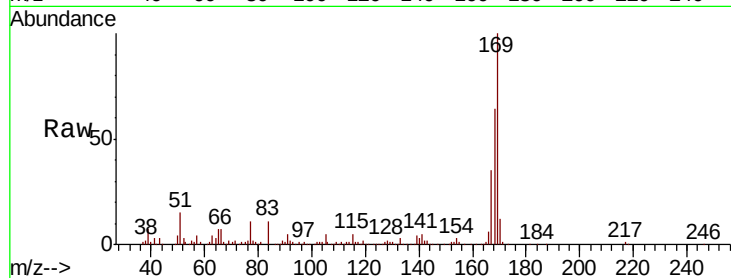




#65
n-Nitrosodiphenylamine
Concen: 20.904 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

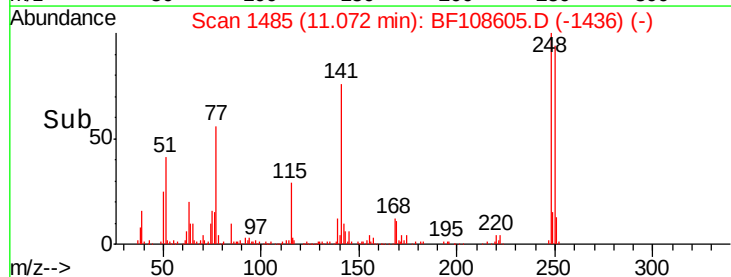
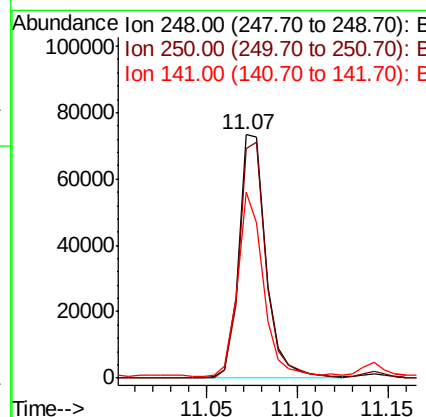
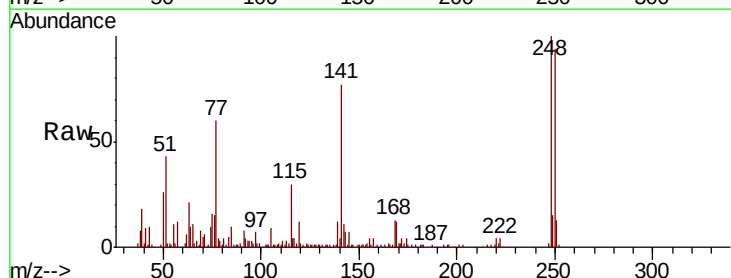
Instrument :
BNA_F
ClientSampleId :

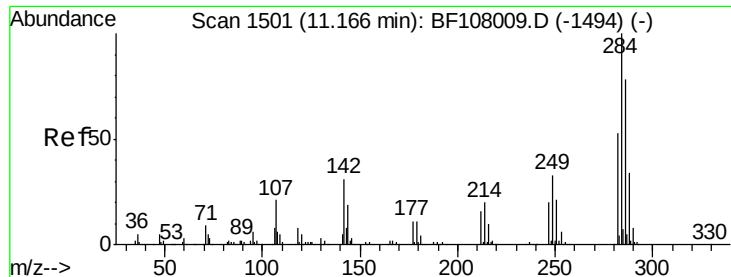
Tot Ion:169 Resp: 228440
Ion Ratio Lower Upper
169 100
168 63.8 54.4 81.6
167 35.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 19.191 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:248 Resp: 77122
Ion Ratio Lower Upper
248 100
250 94.1 76.9 115.3
141 76.6 74.4 111.6

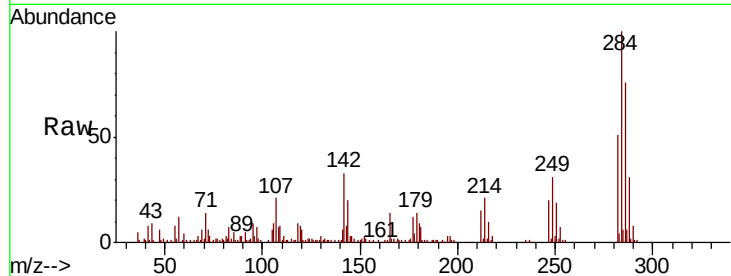




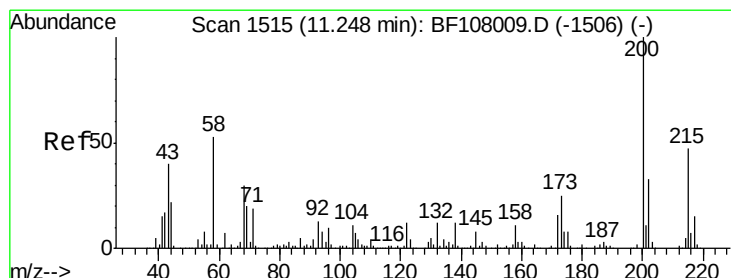
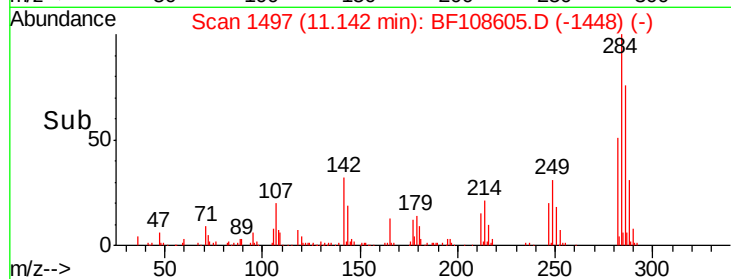
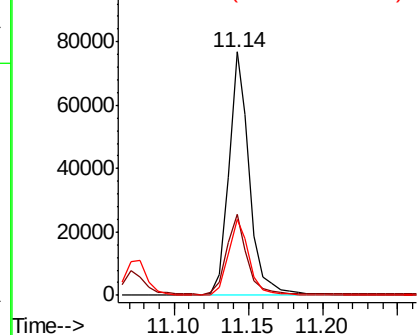
#67
Hexachlorobenzene
Concen: 17.670 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 74714
Ion Ratio Lower Upper
284 100
142 33.4 34.6 52.0#
249 31.4 24.8 37.2

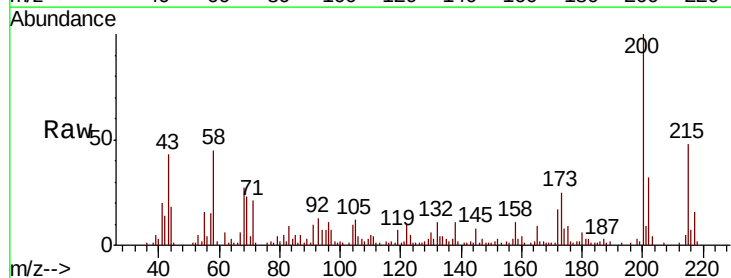


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

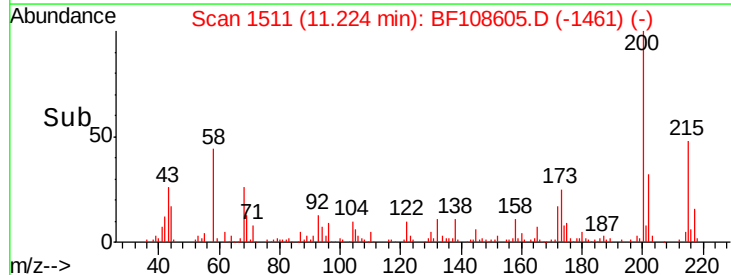
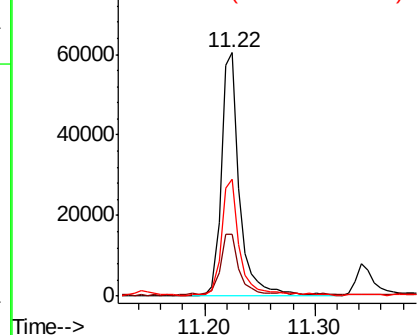


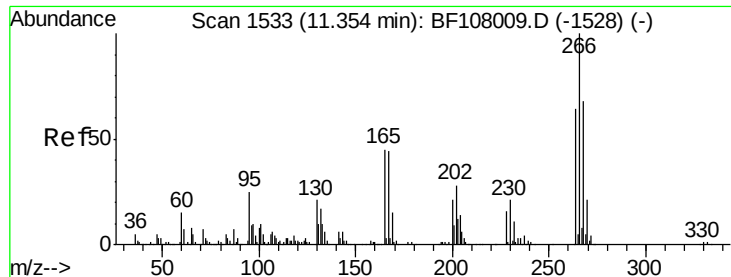
#68
Atrazine
Concen: 18.946 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:200 Resp: 69443
Ion Ratio Lower Upper
200 100
173 25.3 8.6 48.6
215 48.2 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

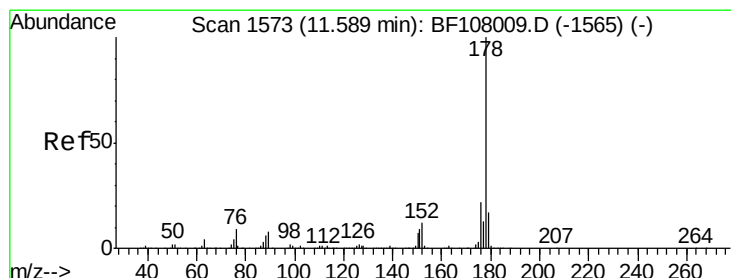
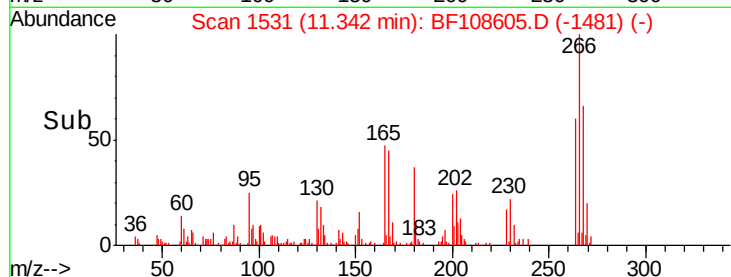
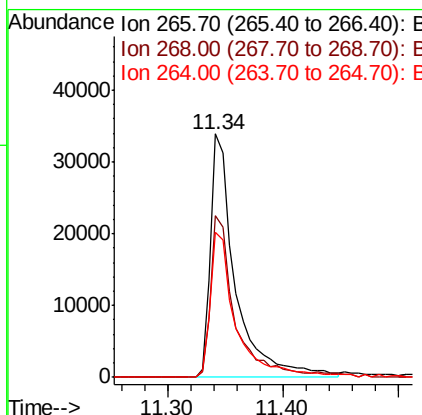
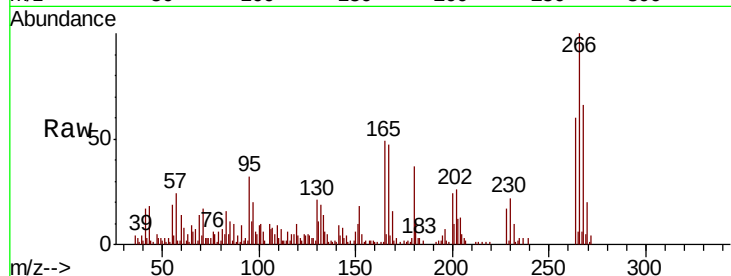




#69
 Pentachlorophenol
 Concen: 25.151 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

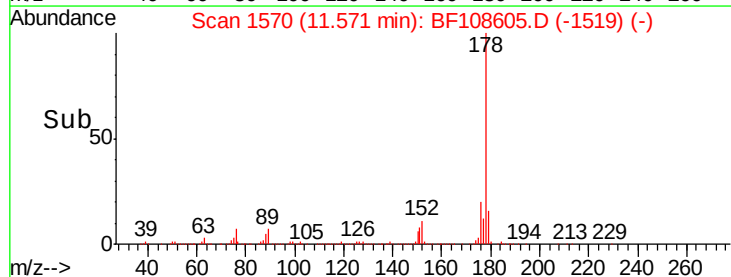
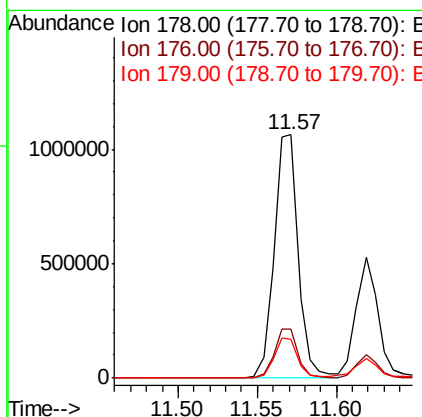
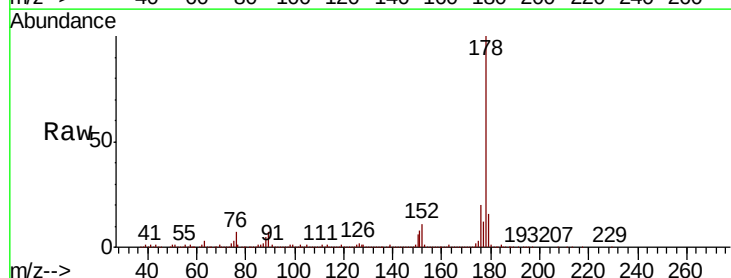
Instrument :
 BNA_F
 ClientSampled :

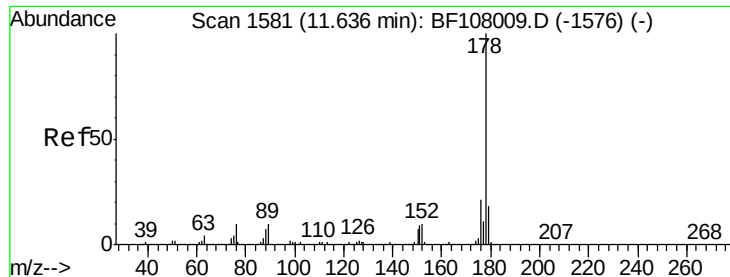
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	59.6	49.5	74.3



#70
 Phenanthrene
 Concen: 64.606 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6

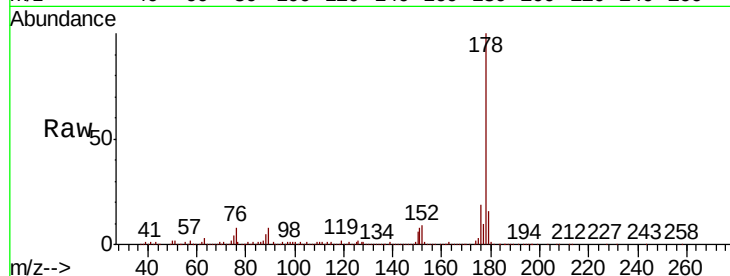




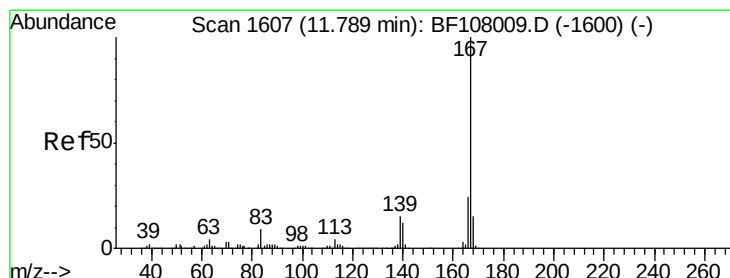
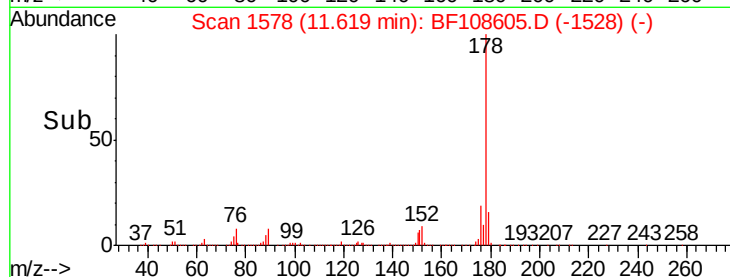
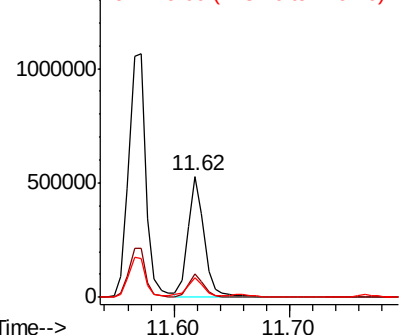
#71
 Anthracene
 Concen: 29.405 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	19.0

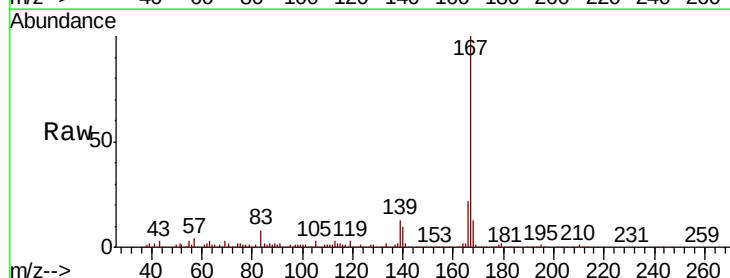


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

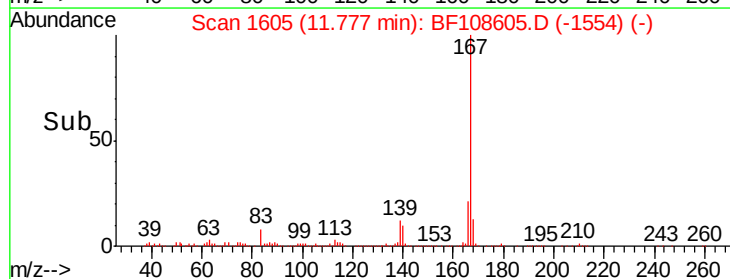
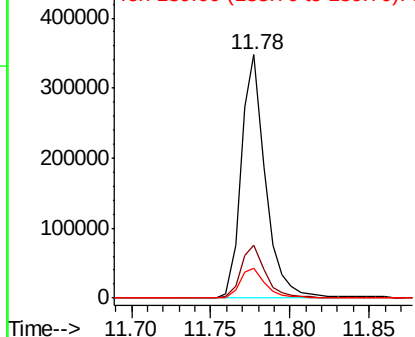


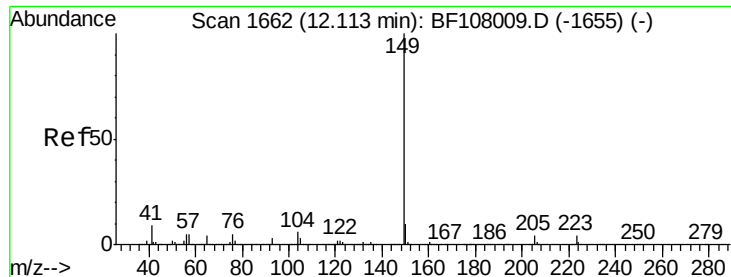
#72
 Carbazole
 Concen: 22.844 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.5	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 19.393 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

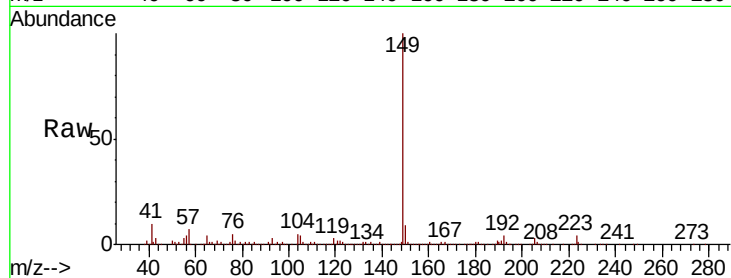
Tot Ion:149 Resp: 348889

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

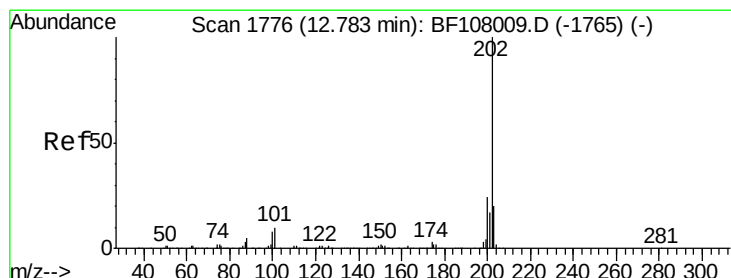
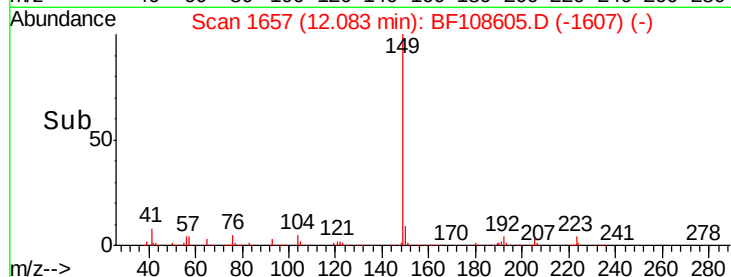
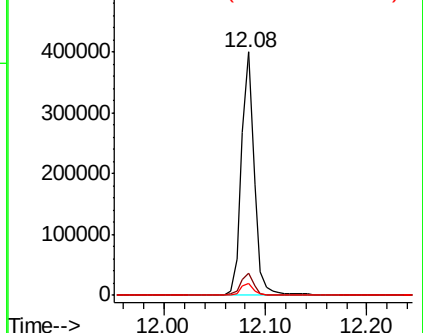
104 5.0 3.8 5.8



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: 67.551 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

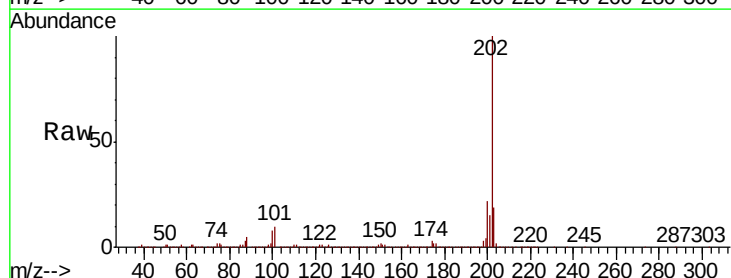
Tgt Ion:202 Resp: 1285902

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.1

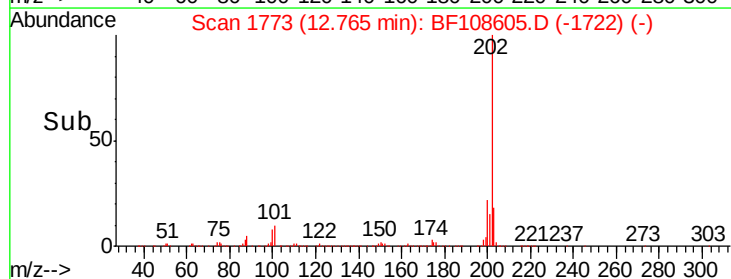
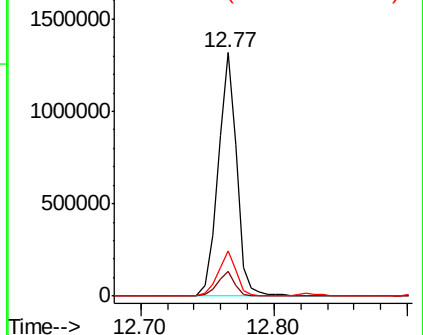
203 18.5 0.0 38.1

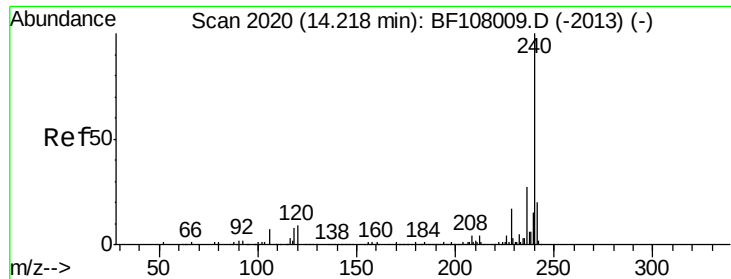


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

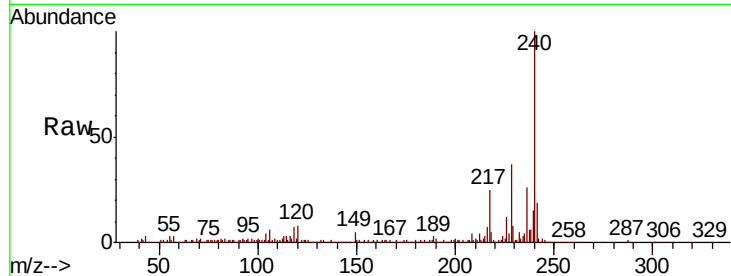
Tot Ion:240 Resp: 262580

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

236 26.0 20.7 31.1

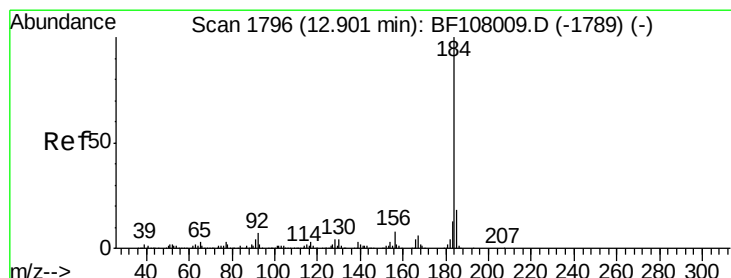
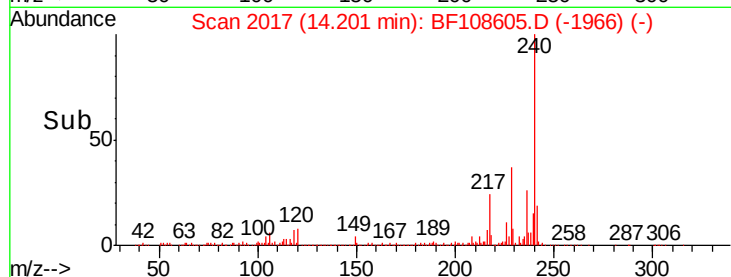
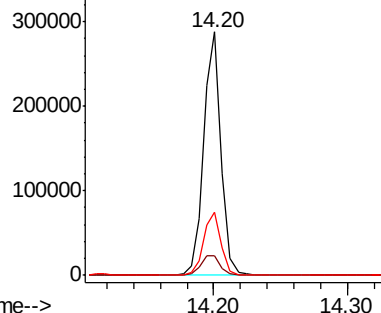


Abundance

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: 5.366 ng

RT: 12.89 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

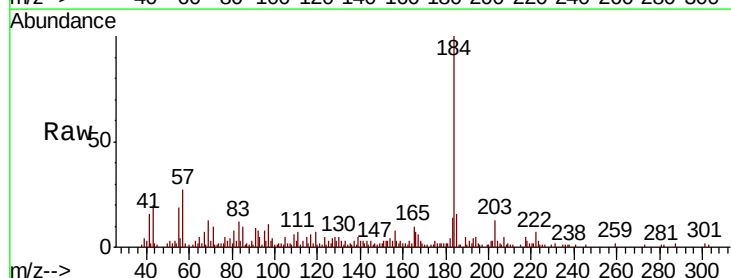
Tgt Ion:184 Resp: 52646

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

183 13.8 9.3 13.9

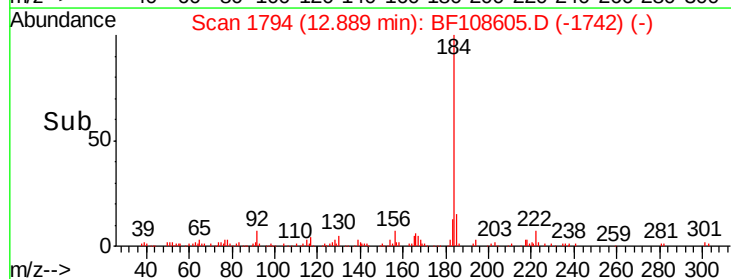
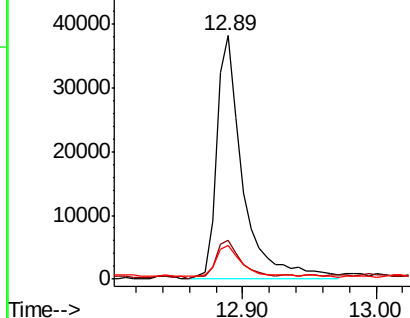


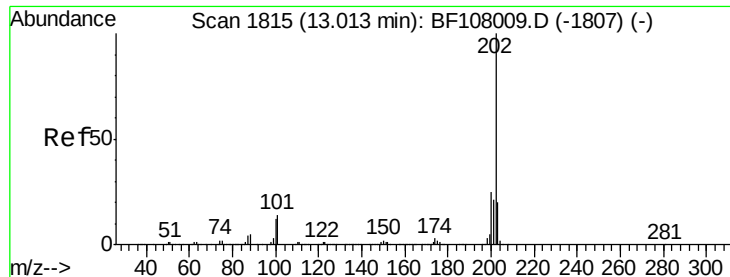
Abundance

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

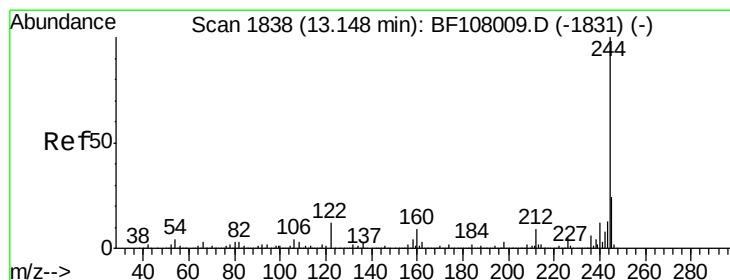
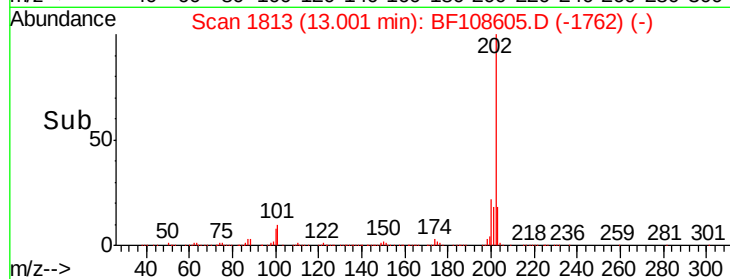
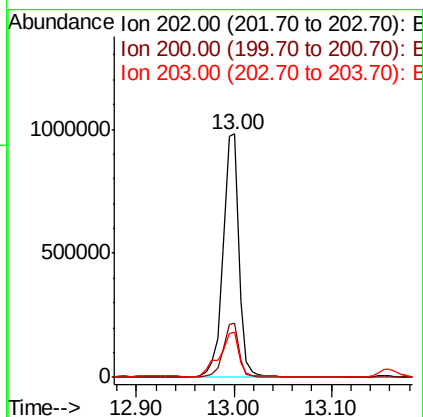
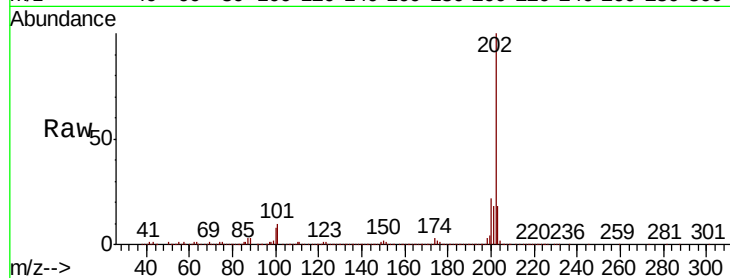




#77
Pvrene
Concen: 66.388 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

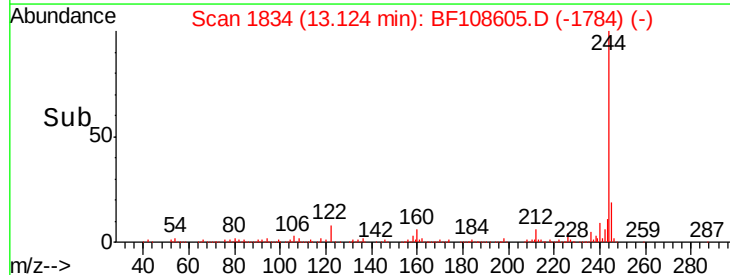
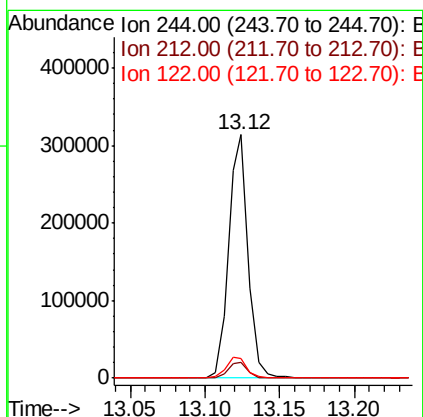
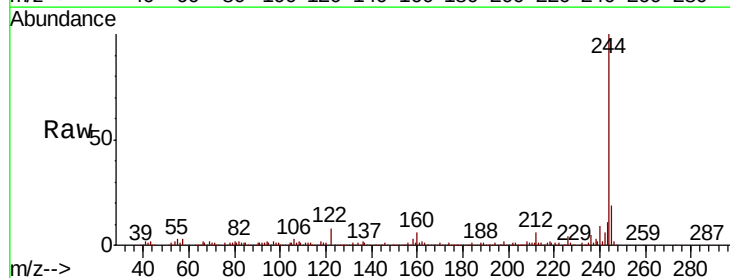
Instrument :
BNA_F
ClientSampleId :

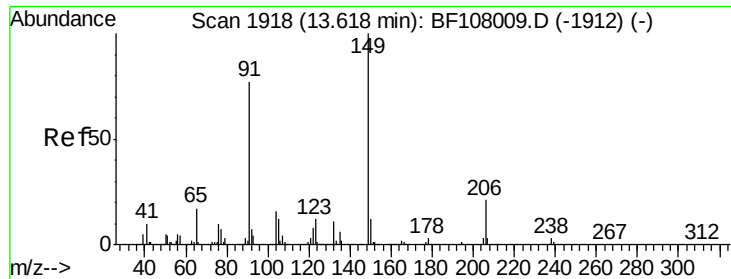
Tot Ion:202 Resp: 1103640
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 18.4 14.3 21.5



#78
Terphenyl-d14
Concen: 27.995 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:244 Resp: 289113
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 7.9 11.0 16.4#

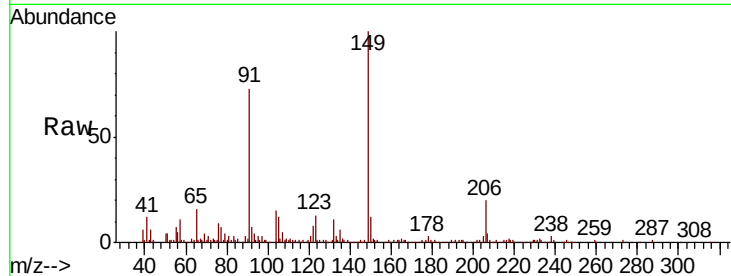




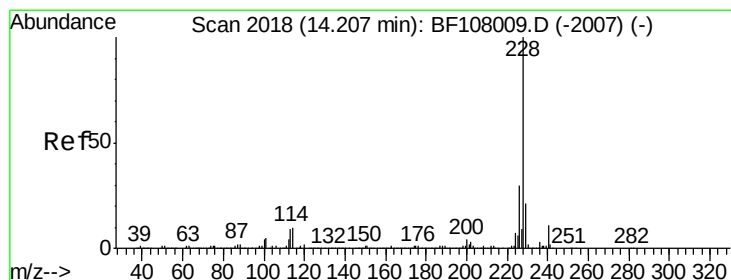
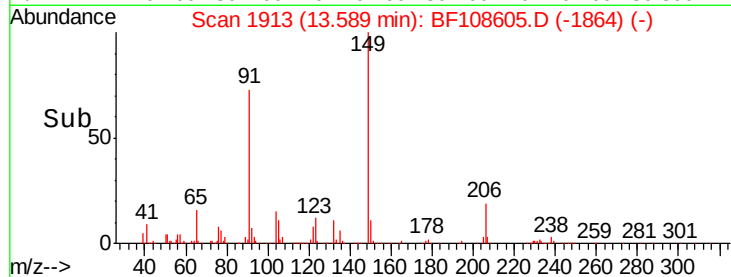
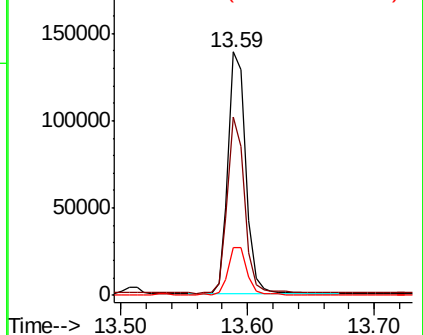
#79
 Butylbenzylphthalate
 Concen: 20.461 ng
 RT: 13.59 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 135068
 Ion Ratio Lower Upper
 149 100
 91 73.3 56.8 85.2
 206 19.6 14.1 21.1

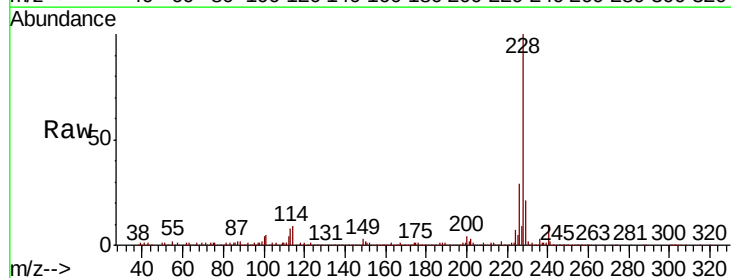


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

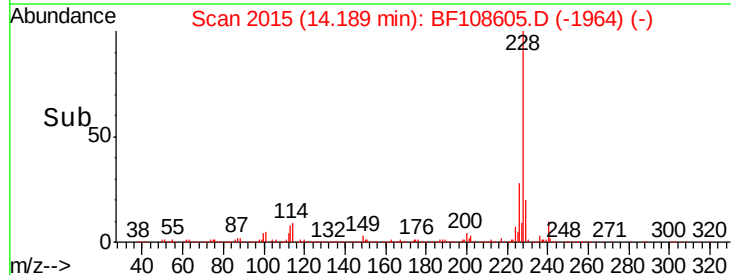
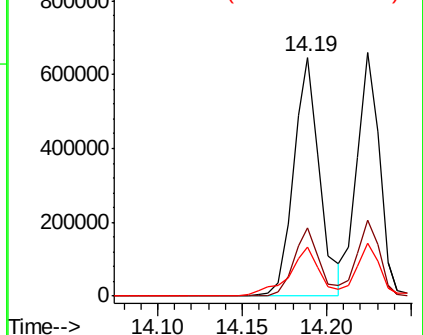


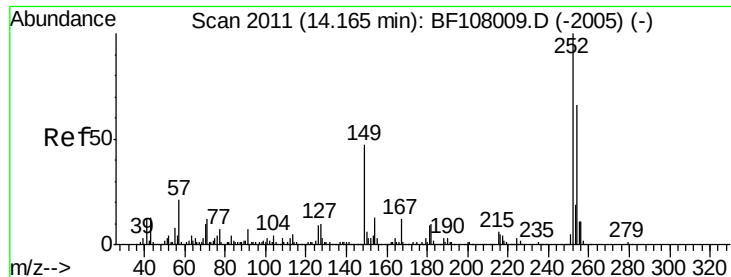
#80
 Benzo(a)anthracene
 Concen: 45.774 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion:228 Resp: 689785
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.6 33.8
 229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 10.500 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108605.D

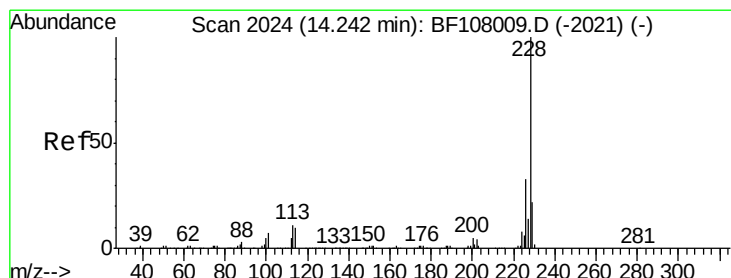
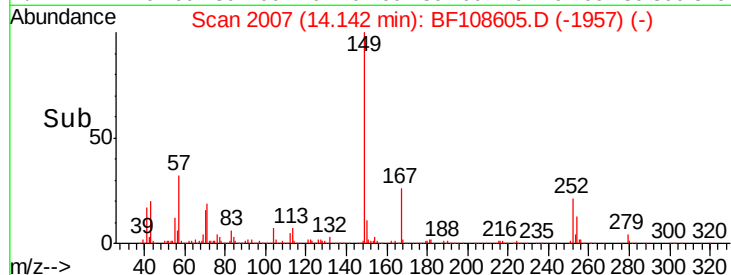
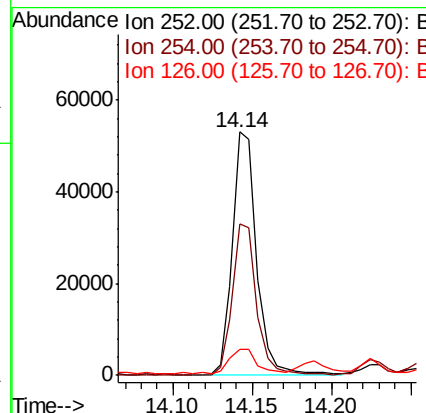
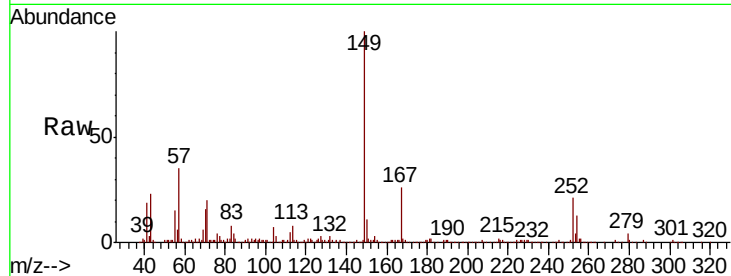
Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	56707
Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.4	75.6
126	10.5	11.3	16.9#



#82

Chrysene

Concen: 44.078 ng

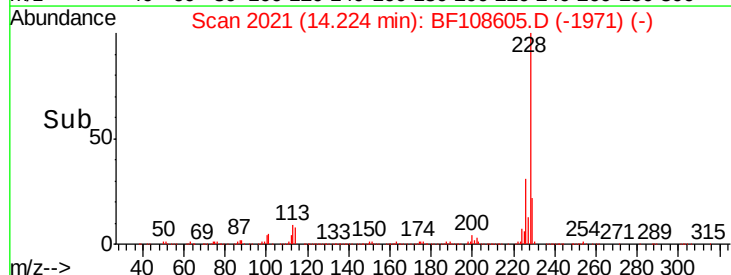
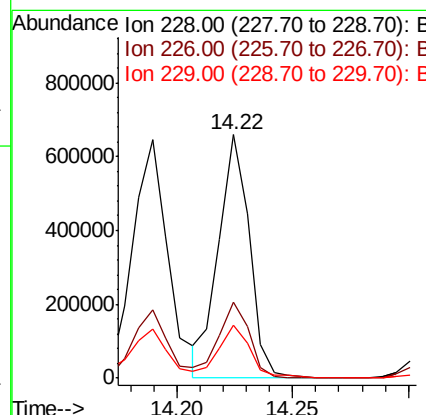
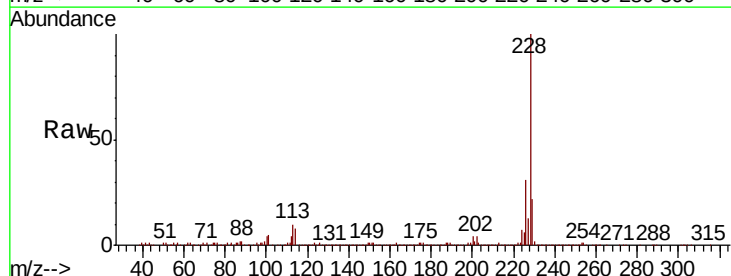
RT: 14.22 min Scan# 2021

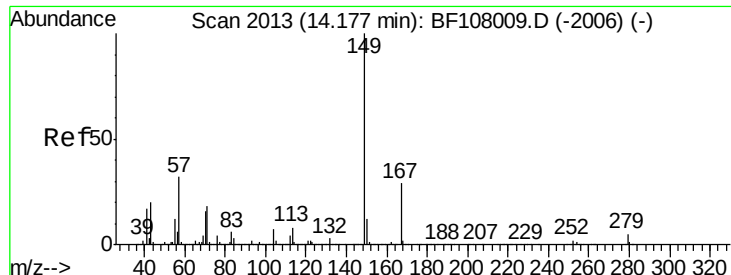
Delta R.T. -0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Tgt Ion:	228	Resp:	608966
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.8	16.2	24.4

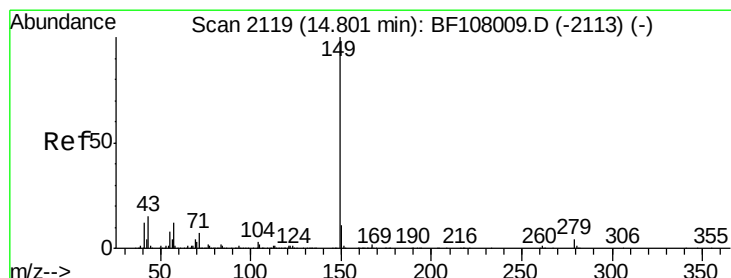
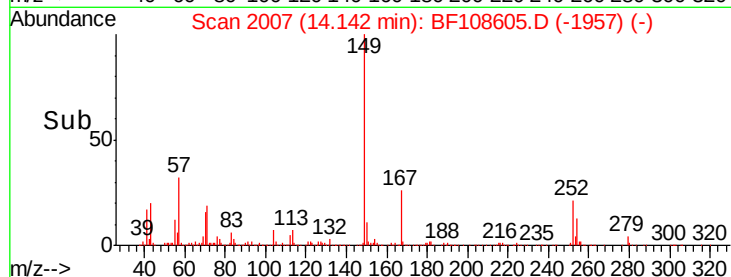
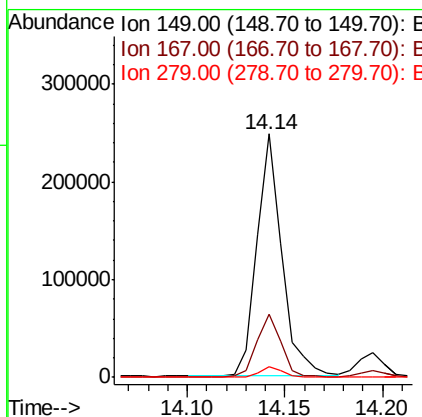
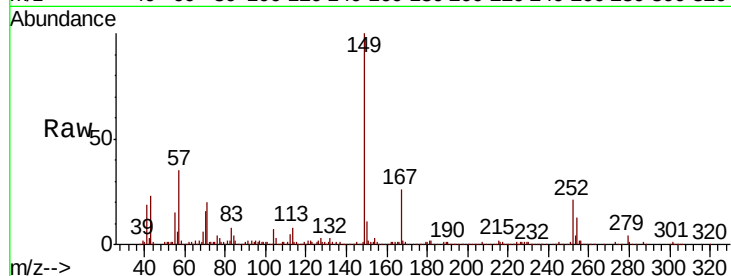




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.760 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

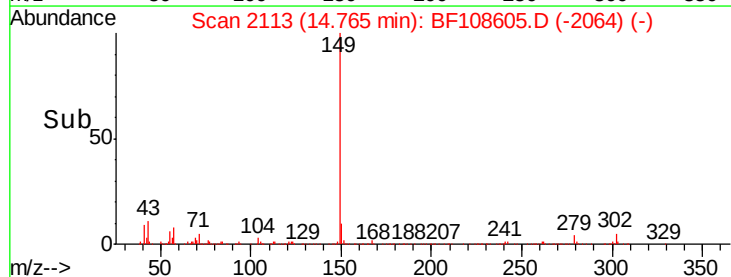
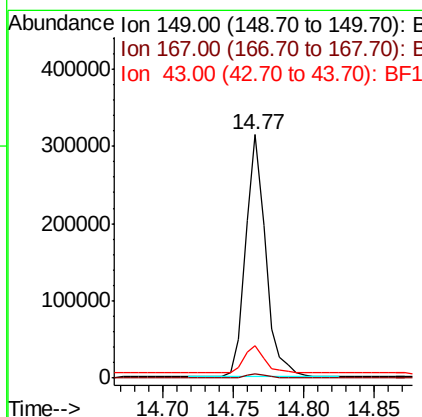
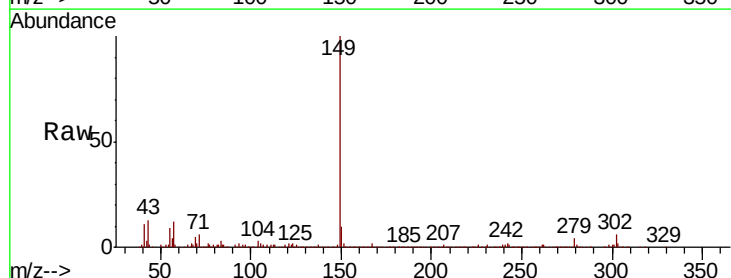
Instrument :
 BNA_F
 ClientSampleId :

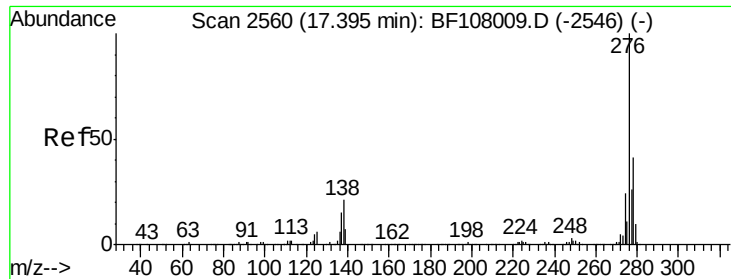
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 22.743 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	11.2	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.676 ng

RT: 17.38 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

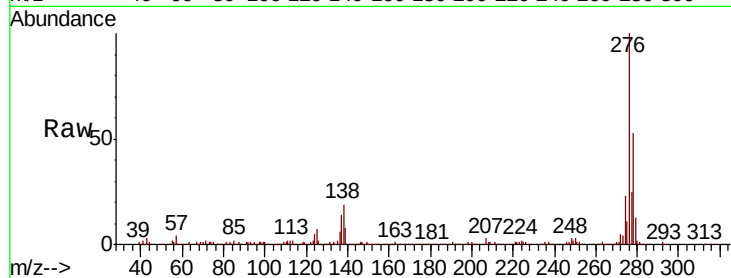
Tot Ion:276 Resp: 391150

Ion Ratio Lower Upper

276 100

138 19.0 25.0 37.6#

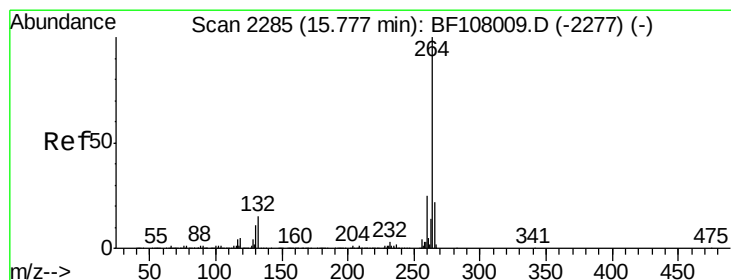
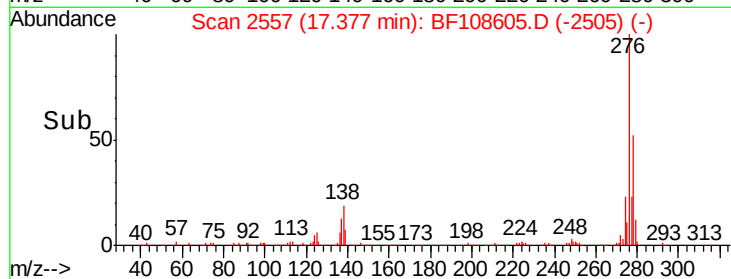
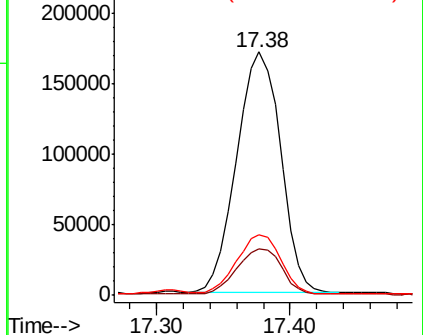
277 25.0 20.1 30.1



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: 15.76 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

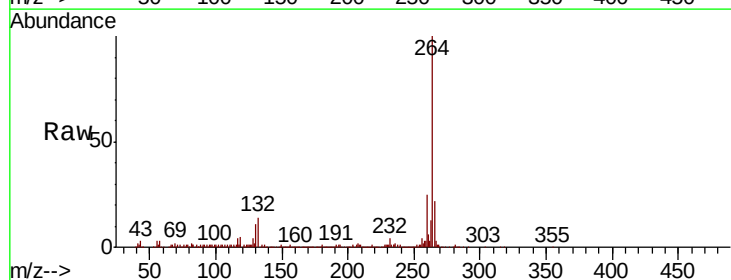
Tgt Ion:264 Resp: 276864

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

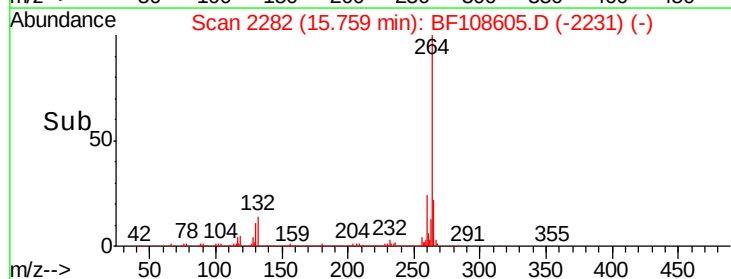
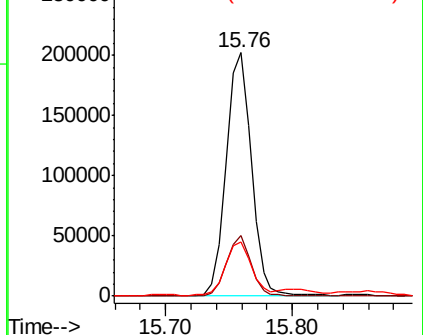
265 22.4 17.5 26.3

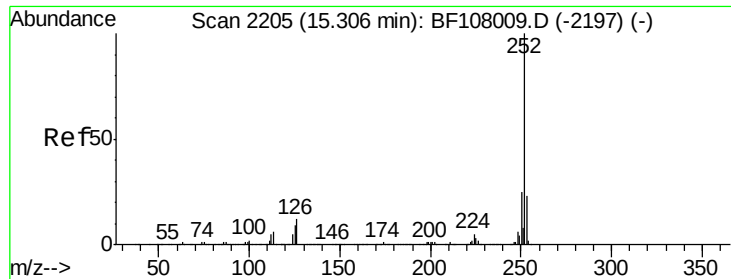


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

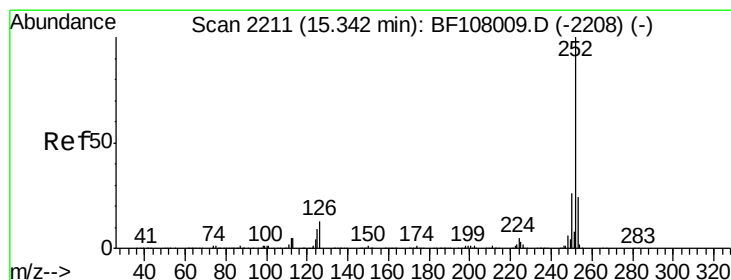
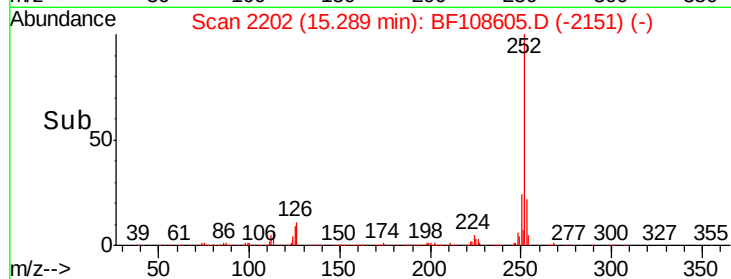
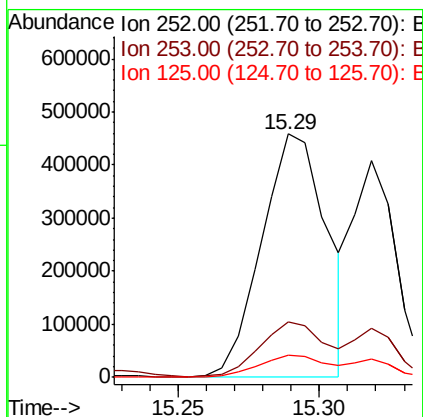
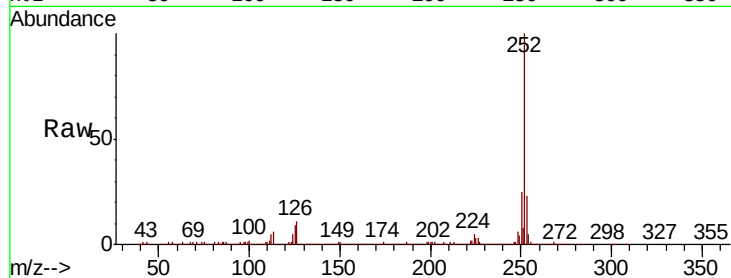




#87
Benzo(b)fluoranthene
Concen: 44.154 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

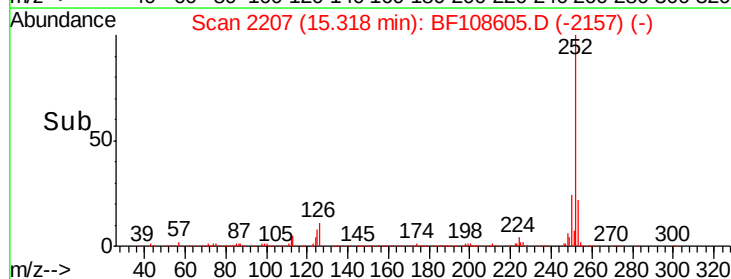
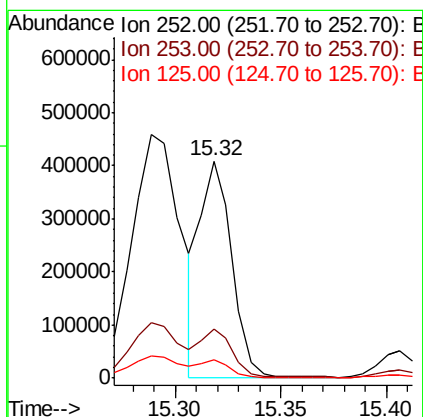
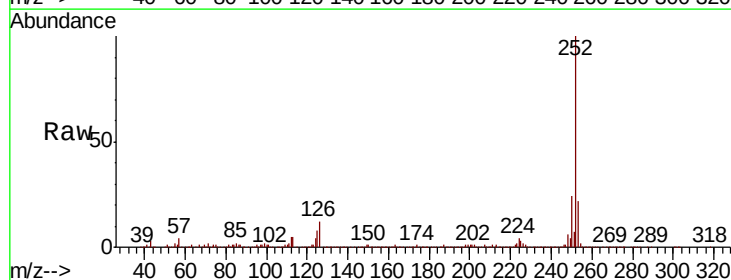
Instrument :
BNA_F
ClientSampleId :

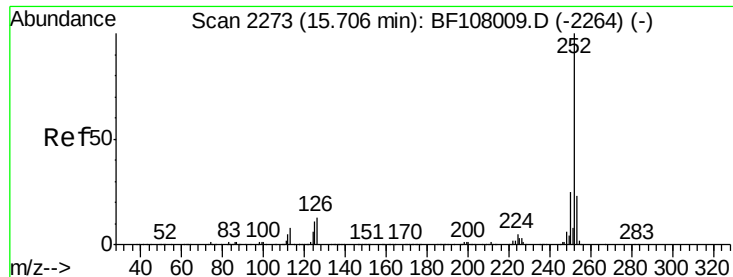
Tot Ion:252 Resp: 730468
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 28.117 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108605.D
Acq: 29 Aug 2018 15:32

Tgt Ion:252 Resp: 427589
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 15.098 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.07 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

Instrument :

BNA_F

ClientSampleId :

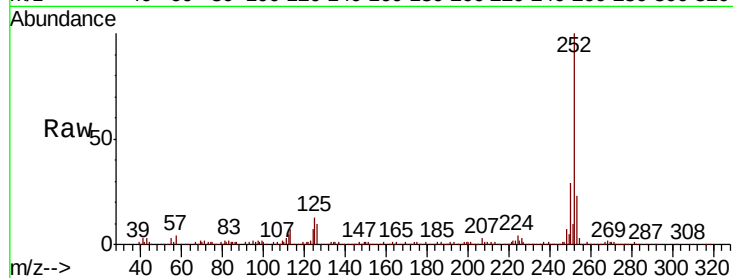
Tot Ion:252 Resp: 223663

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

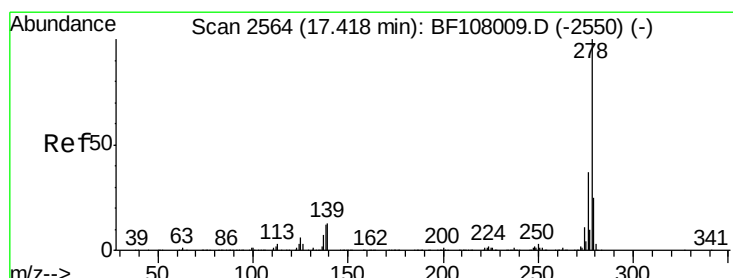
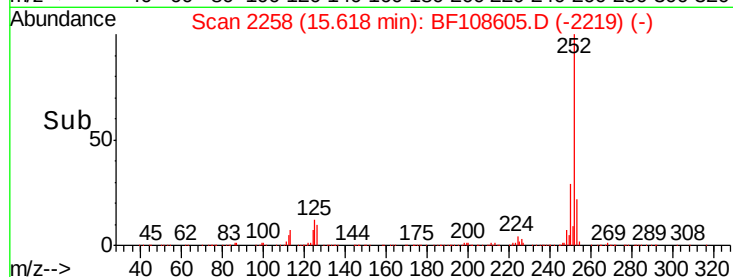
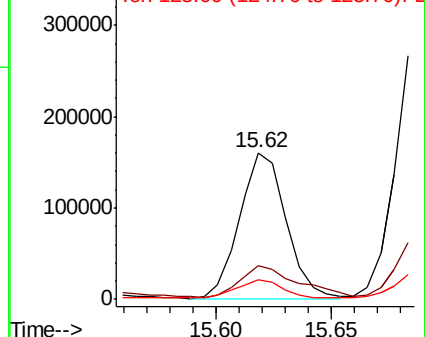
125 13.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.900 ng

RT: 17.57 min Scan# 2589

Delta R.T. 0.18 min

Lab File: BF108605.D

Acq: 29 Aug 2018 15:32

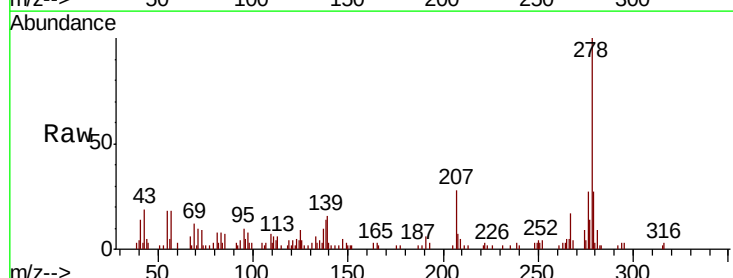
Tgt Ion:278 Resp: 35549

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

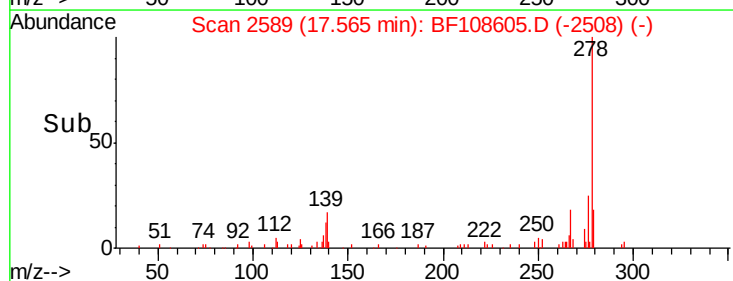
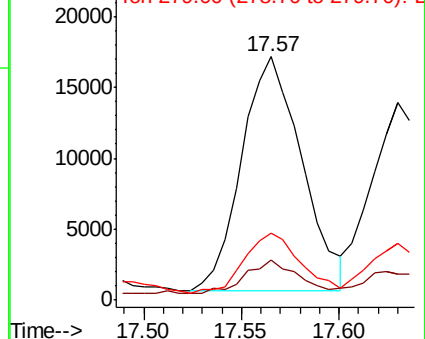
279 27.4 19.0 28.4

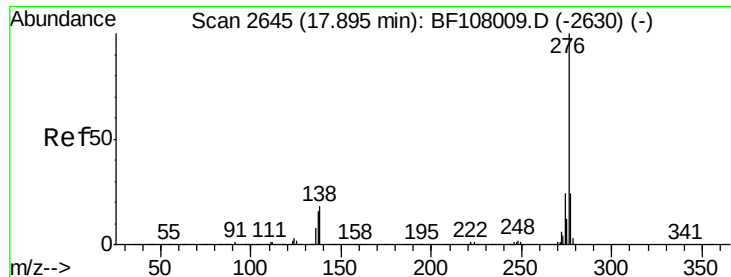


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 27.641 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. 0.01 min
 Lab File: BF108605.D
 Acq: 29 Aug 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	17.2	21.8	32.8

