

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108641.D
 Acq On : 30 Aug 2018 15:31
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 16:25:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	128887	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	548122	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	291253	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	617233	20.00	ng	0.00
75) Chrysene-d12	14.20	240	466022	20.00	ng	0.00
86) Perylene-d12	15.75	264	342475	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	529872	71.42	ng	0.00
7) Phenol-d6	6.65	99	807585	76.00	ng	0.00
23) Nitrobenzene-d5	7.57	82	825890	76.48	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	289980	75.42	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1618483	74.72	ng	0.00
78) Terphenyl-d14	13.13	244	1811061	75.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	125288	36.336	ng	90
3) Pyridine	3.70	79	291317	36.568	ng	84
4) n-Nitrosodimethylamine	3.67	42	103789	26.118	ng	82
6) Aniline	6.68	93	446937	38.978	ng	# 79
8) 2-Chlorophenol	6.80	128	353745	38.995	ng	92
9) Benzaldehyde	6.57	77	256076	38.990	ng	96
10) Phenol	6.66	94	482474	38.936	ng	84
11) bis(2-Chloroethyl)ether	6.74	93	411084	37.675	ng	96
12) 1,3-Dichlorobenzene	6.94	146	401924	38.213	ng	98
13) 1,4-Dichlorobenzene	7.02	146	443861	38.660	ng	98
14) 1,2-Dichlorobenzene	7.17	146	406794	38.579	ng	98
15) Benzyl Alcohol	7.15	79	291230	38.100	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.27	45	636582	38.029	ng	64
17) 2-Methylphenol	7.26	107	285249	40.443	ng	# 75
18) Hexachloroethane	7.51	117	150604	38.143	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	277869	39.048	ng	89
20) 3+4-Methylphenols	7.41	107	373155	42.227	ng	# 38
22) Acetophenone	7.42	105	517784	37.841	ng	# 88
24) Nitrobenzene	7.59	77	427617	39.054	ng	93
25) Isophorone	7.82	82	684178	38.140	ng	96
26) 2-Nitrophenol	7.91	139	197158	39.776	ng	96
27) 2,4-Dimethylphenol	7.94	122	266233	36.931	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	434618	38.354	ng	98
29) 2,4-Dichlorophenol	8.15	162	329706	38.552	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	360957	37.742	ng	95
31) Naphthalene	8.31	128	1072108	41.065	ng	100
32) Benzoic acid	8.09	122	134198	29.028	ng	92
33) 4-Chloroaniline	8.37	127	449204	38.977	ng	98
34) Hexachlorobutadiene	8.41	225	238555	37.990	ng	98
35) Caprolactam	8.75	113	89326	39.197	ng	# 80
36) 4-Chloro-3-methylphenol	8.85	107	352766	38.432	ng	98
37) 2-Methylnaphthalene	9.00	142	675359	38.234	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	392049	37.916	ng	# 98
40) Hexachlorocyclopentadiene	9.14	237	141526	36.750	ng	96

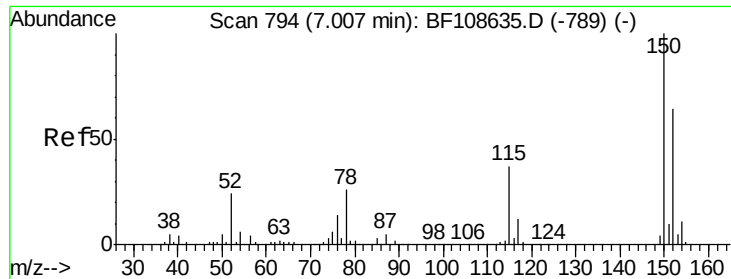
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108641.D
 Acq On : 30 Aug 2018 15:31
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 16:25:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	237274	38.750	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	275418	38.572	ng	96
45) 1,1'-Biphenyl	9.46	154	953086	37.589	ng	99
46) 2-Chloronaphthalene	9.50	162	750298	37.798	ng	98
47) 2-Nitroaniline	9.60	65	252823	38.082	ng	90
48) Acenaphthylene	9.91	152	1092089	37.579	ng	99
49) Dimethylphthalate	9.77	163	864024	37.673	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	192485	38.075	ng	93
51) Acenaphthene	10.08	154	644798	37.109	ng	100
52) 3-Nitroaniline	10.02	138	209195	38.252	ng	94
53) 2,4-Dinitrophenol	10.12	184	66094	38.449	ng	# 31
54) Dibenzofuran	10.25	168	1018154	37.447	ng	95
55) 4-Nitrophenol	10.20	139	100417	31.829	ng	# 81
56) 2,4-Dinitrotoluene	10.24	165	255466	38.165	ng	# 91
57) Fluorene	10.60	166	785633	37.285	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	235794	36.862	ng	# 81
59) Diethylphthalate	10.46	149	867573	37.546	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	447782	37.450	ng	94
61) 4-Nitroaniline	10.65	138	204118	38.570	ng	91
62) Azobenzene	10.75	77	853843	37.177	ng	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	107274	39.169	ng	86
65) n-Nitrosodiphenylamine	10.71	169	766535	37.380	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	287058	37.841	ng	# 88
67) Hexachlorobenzene	11.15	284	311286	38.088	ng	# 85
68) Atrazine	11.23	200	224764	36.862	ng	97
69) Pentachlorophenol	11.35	266	175335	40.374	ng	96
70) Phenanthrene	11.57	178	1175502	37.731	ng	99
71) Anthracene	11.62	178	1237544	37.805	ng	99
72) Carbazole	11.78	167	1206837	38.127	ng	99
73) Di-n-butylphthalate	12.08	149	1362007	37.400	ng	99
74) Fluoranthene	12.77	202	1328968	37.896	ng	95
76) Benzidine	12.89	184	599716	45.717	ng	99
77) Pyrene	13.00	202	1327276	37.888	ng	99
79) Butylbenzylphthalate	13.59	149	569141	38.636	ng	96
80) Benzo(a)anthracene	14.19	228	1052175	37.036	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	390616	37.913	ng	# 96
82) Chrysene	14.23	228	1035200	37.890	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	723487	38.210	ng	99
84) Di-n-octyl phthalate	14.76	149	1070387	38.450	ng	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	691804	36.416	ng	# 89
87) Benzo(b)fluoranthene	15.29	252	768951	36.551	ng	# 95
88) Benzo(k)fluoranthene	15.32	252	830261	39.839	ng	# 95
89) Benzo(a)pyrene	15.69	252	716377	37.680	ng	# 96
90) Dibenzo(a,h)anthracene	17.39	278	577219	38.014	ng	# 93
91) Benzo(g,h,i)perylene	17.87	276	565610	38.326	ng	# 89

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

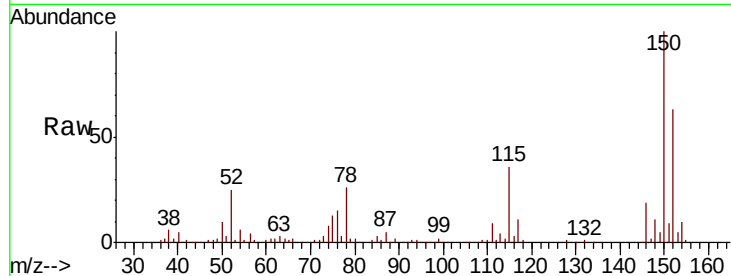


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	57.7	50.1	75.1

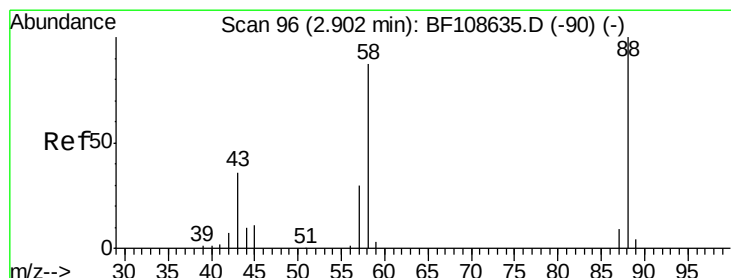
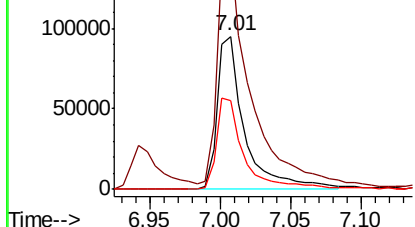
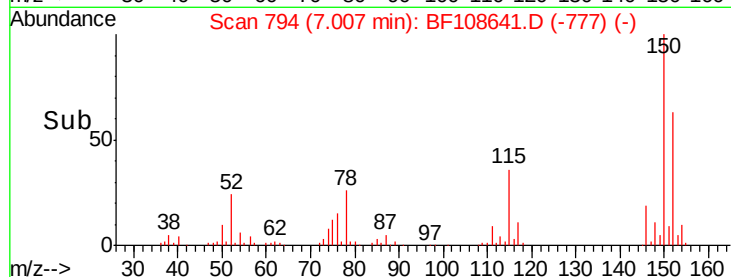


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

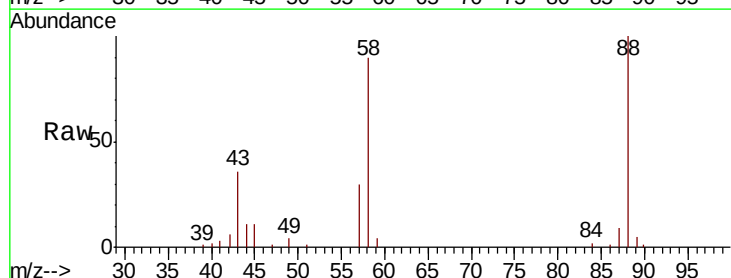
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.336 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	62.6	93.8
43	34.6	24.6	37.0

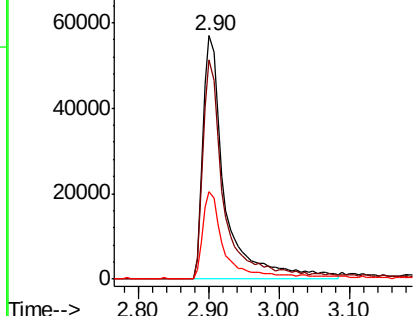
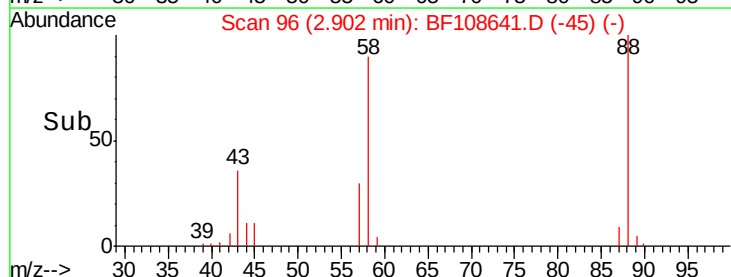


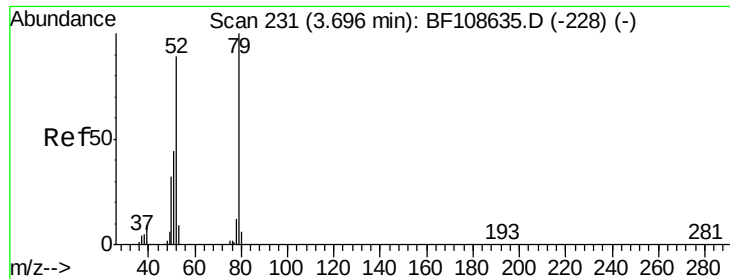
Abundance

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: 36.568 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

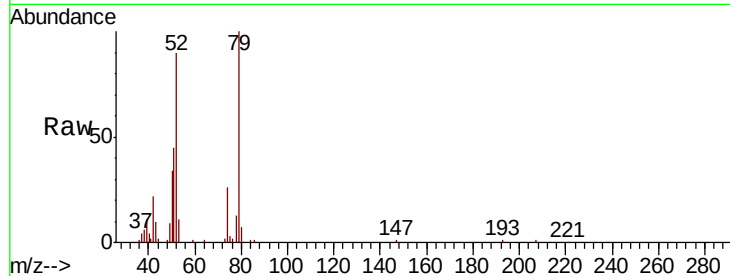
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 291317

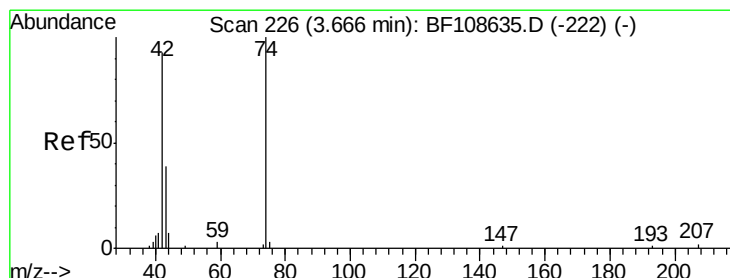
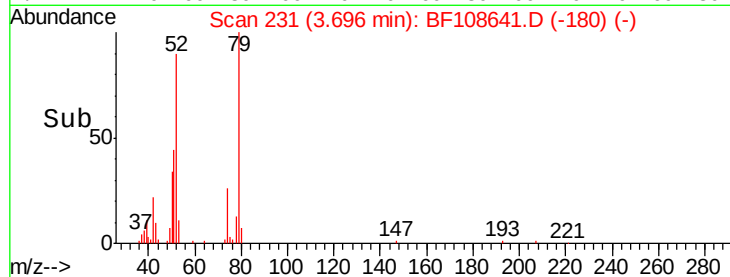
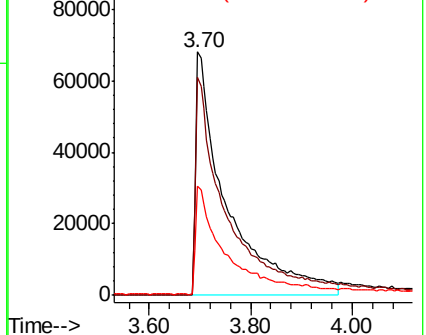
Ion	Ratio	Lower	Upper
79	100		
52	89.5	59.8	89.6
51	44.7	29.8	44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 26.118 ng

RT: 3.67 min Scan# 227

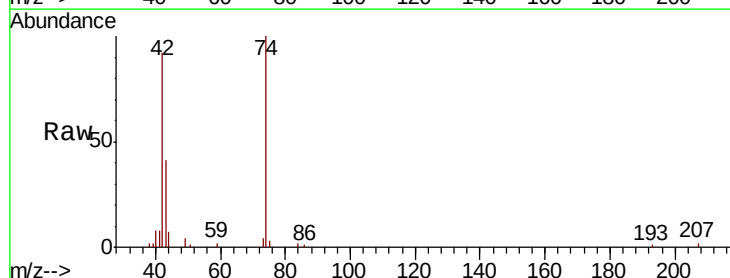
Delta R.T. 0.01 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Tgt Ion: 42 Resp: 103789

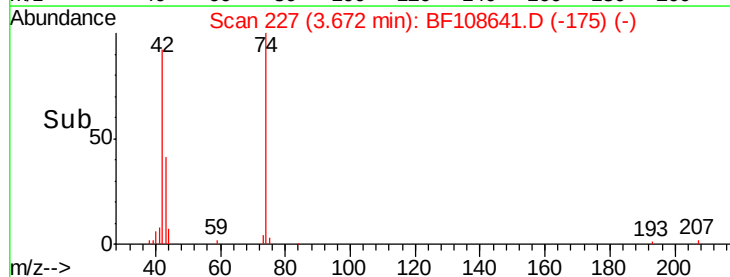
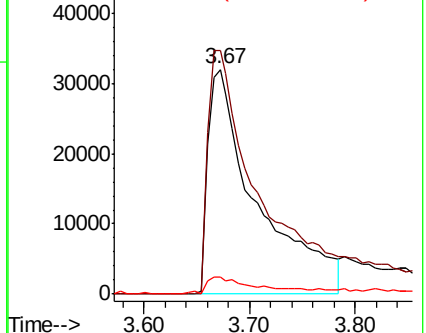
Ion	Ratio	Lower	Upper
42	100		
74	108.3	104.9	157.3
44	7.5	6.9	10.3

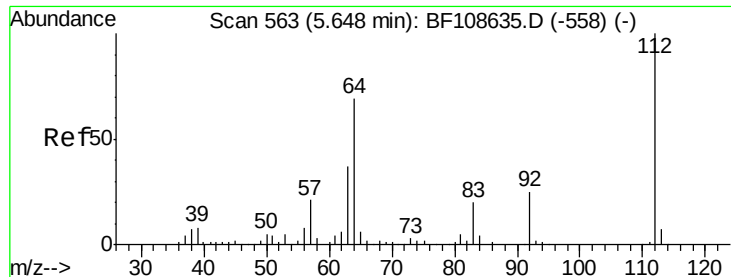


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 71.419 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

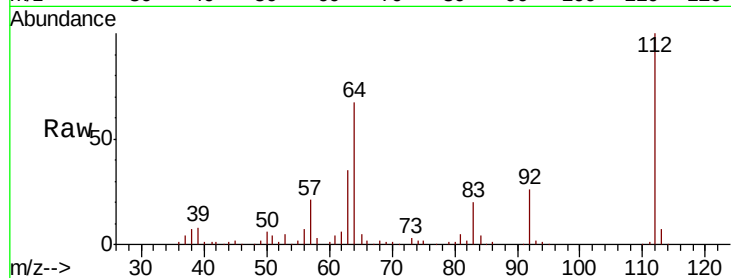
Tot Ion: 112 Resp: 529872

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

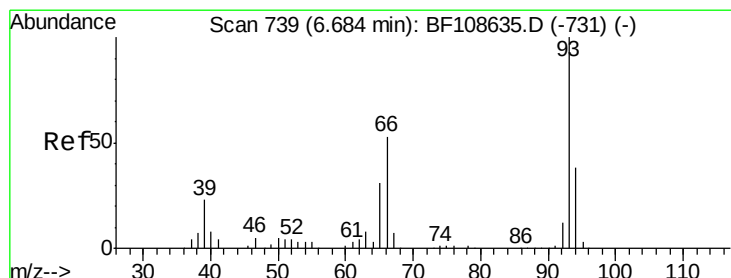
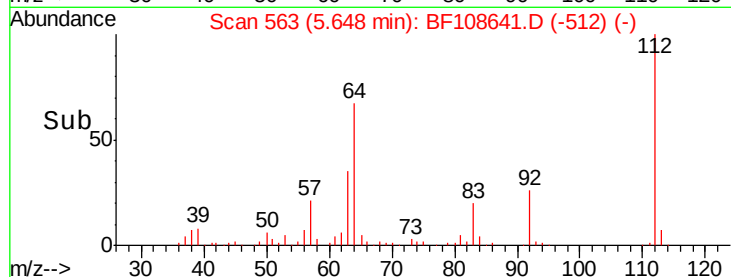
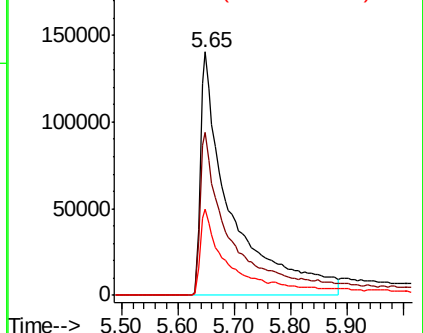
63 35.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.978 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

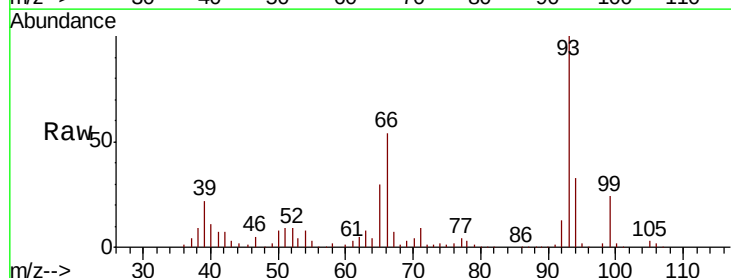
Tgt Ion: 93 Resp: 446937

Ion Ratio Lower Upper

93 100

66 54.0 32.2 48.2#

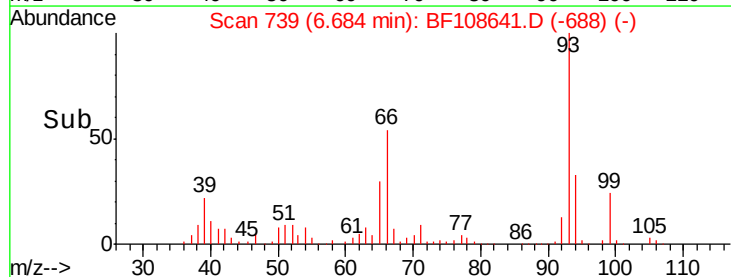
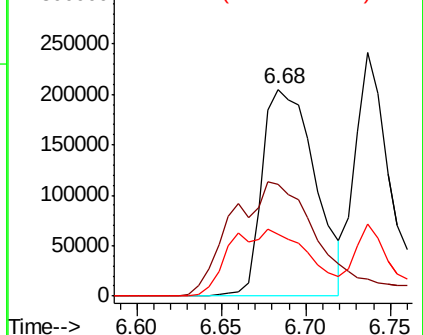
65 29.6 16.4 24.6#

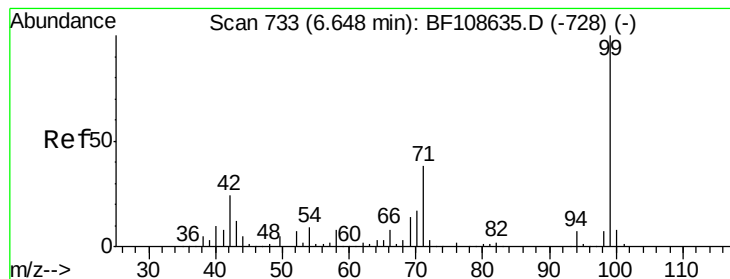


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.999 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampled :

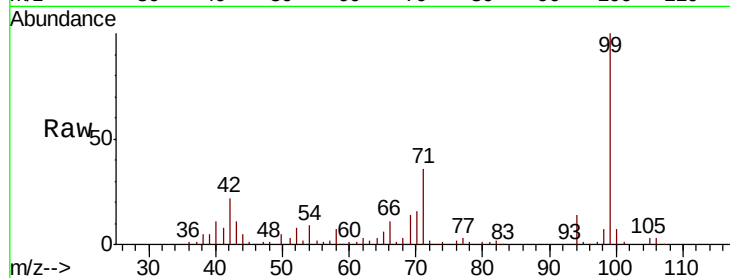
Tot Ion: 99 Resp: 807585

Ion Ratio Lower Upper

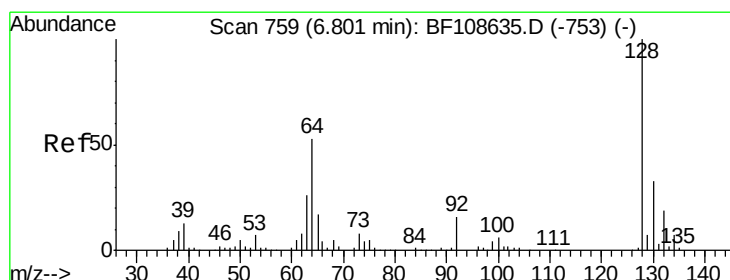
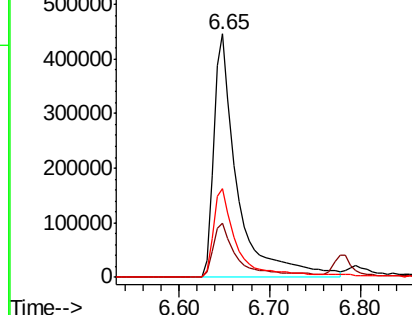
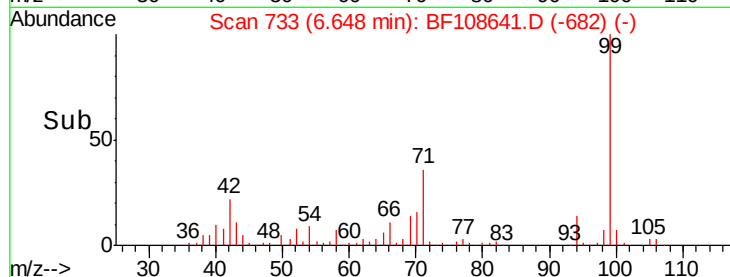
99 100

42 22.4 14.5 21.7#

71 36.2 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: 38.995 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

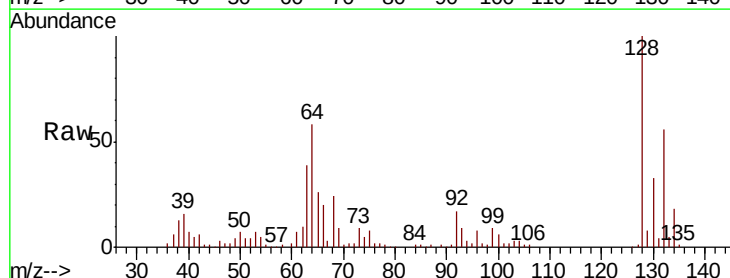
Tgt Ion: 128 Resp: 353745

Ion Ratio Lower Upper

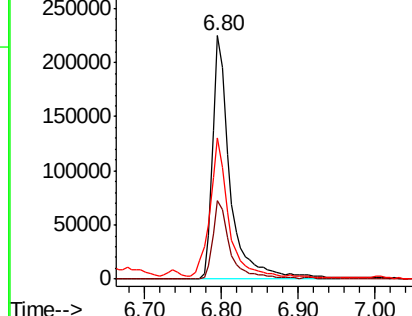
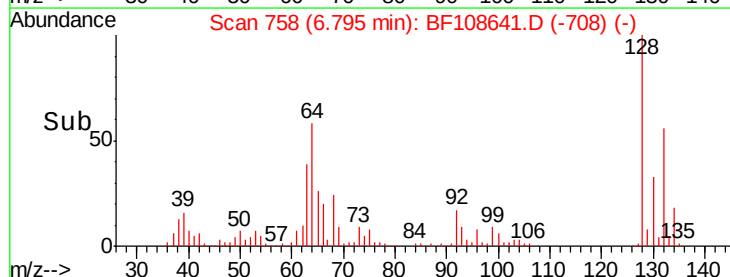
128 100

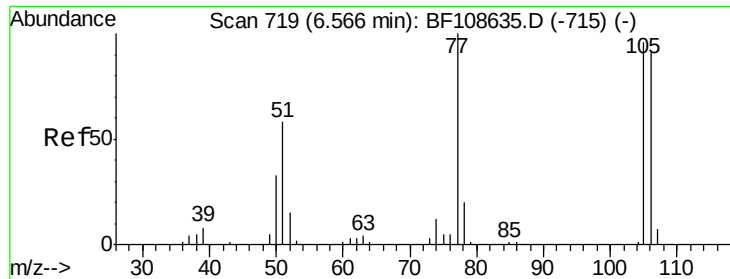
130 32.5 13.0 53.0

64 57.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

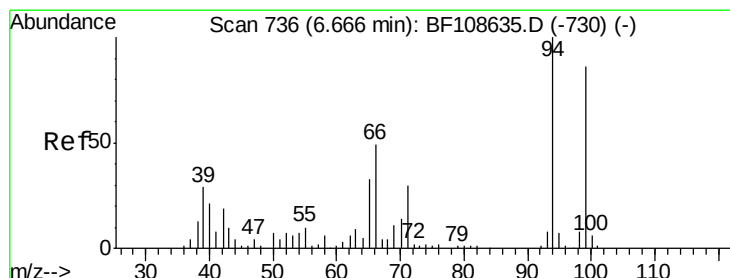
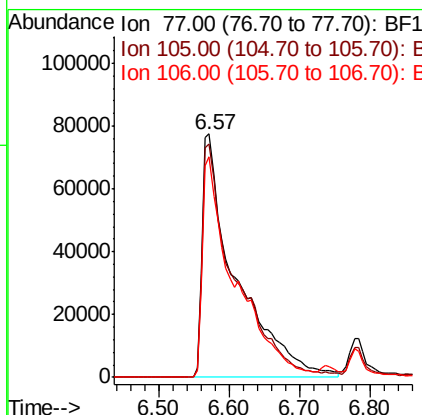
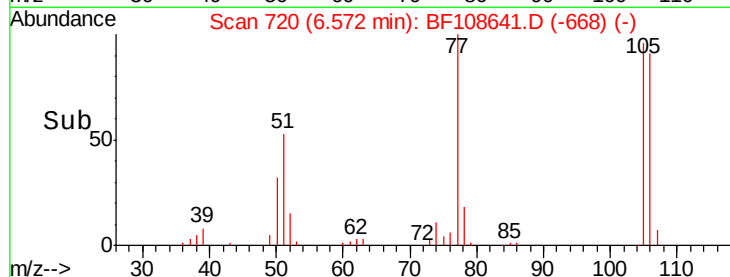
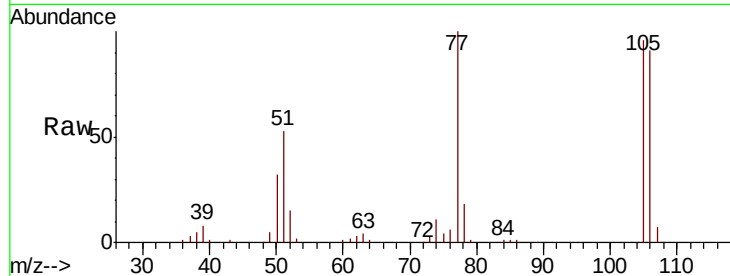




#9
Benzaldehyde
Concen: 38.990 ng
RT: 6.57 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

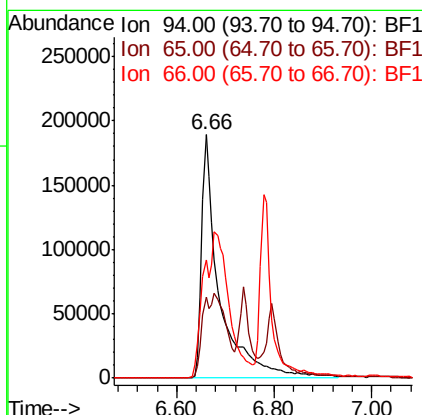
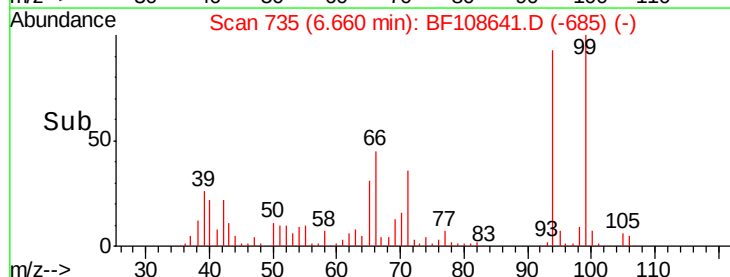
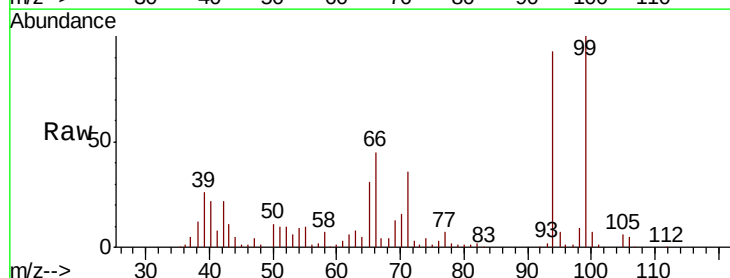
Instrument :
BNA_F
ClientSampled :

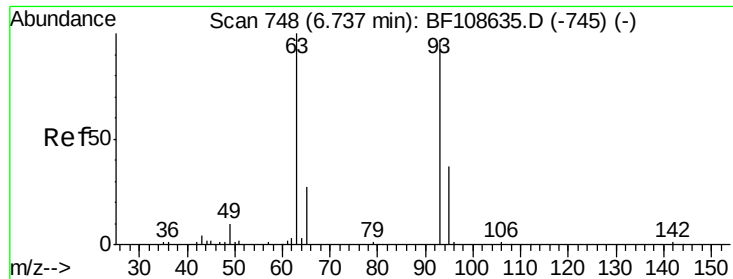
Tot Ion: 77 Resp: 256076
Ion Ratio Lower Upper
77 100
105 96.1 81.1 121.1
106 90.8 74.5 114.5



#10
Phenol
Concen: 38.936 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion: 94 Resp: 482474
Ion Ratio Lower Upper
94 100
65 33.3 7.9 47.9
66 48.7 16.2 56.2

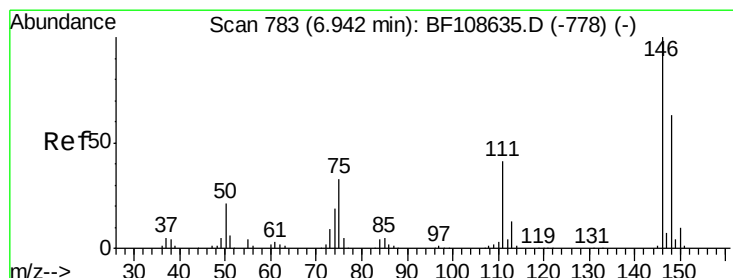
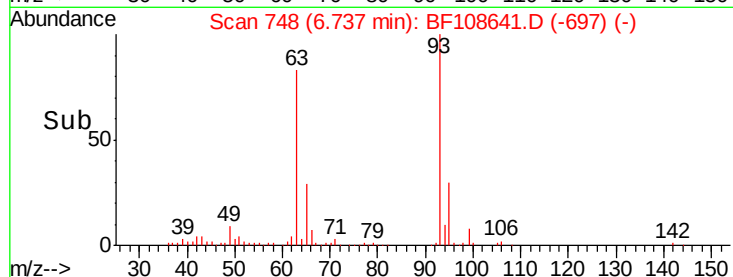
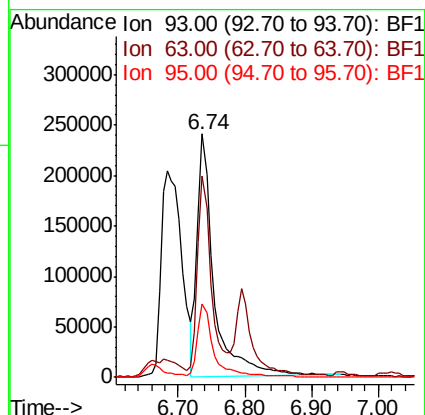
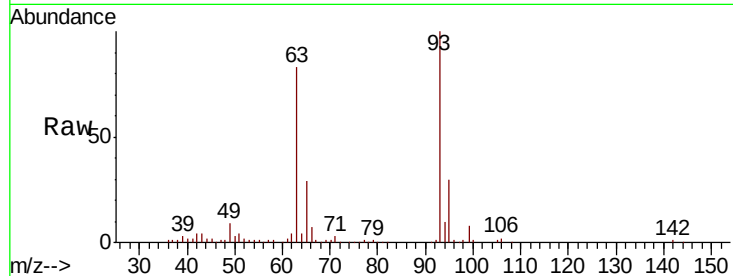




#11
 bis(2-Chloroethyl)ether
 Concen: 37.675 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

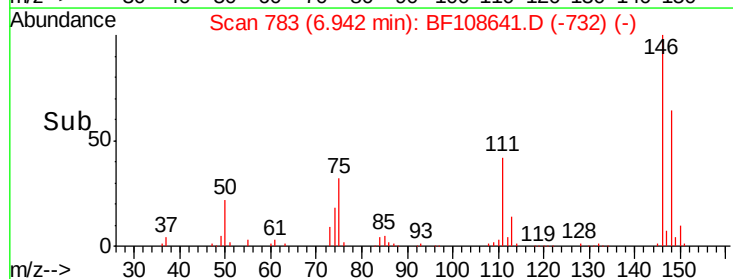
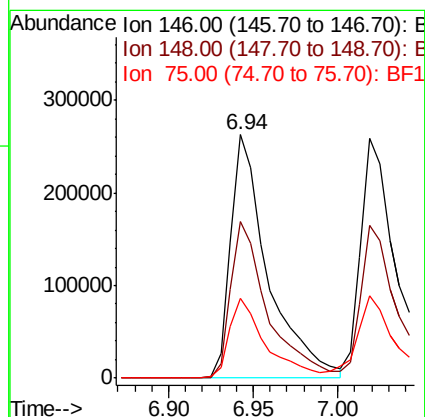
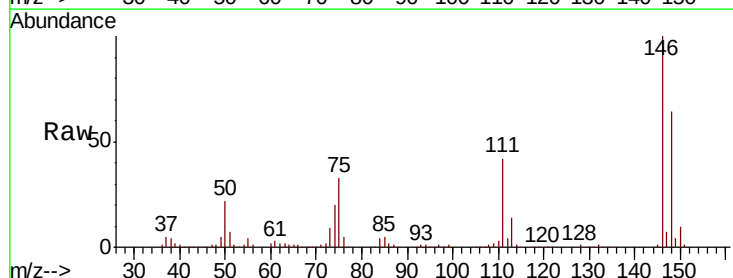
Instrument :
 BNA_F
 ClientSampleId :

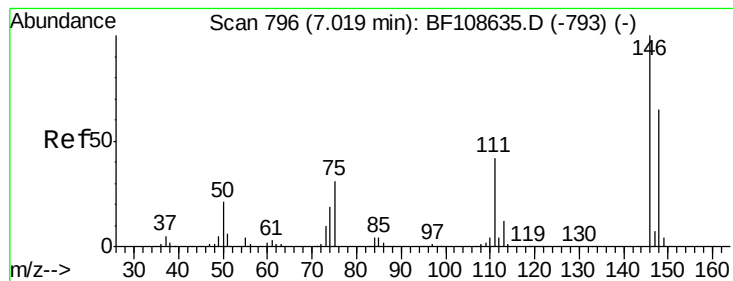
Tot Ion: 93 Resp: 411084
 Ion Ratio Lower Upper
 93 100
 63 82.7 58.6 98.6
 95 30.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.213 ng
 RT: 6.94 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion: 146 Resp: 401924
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 75 32.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.660 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampled :

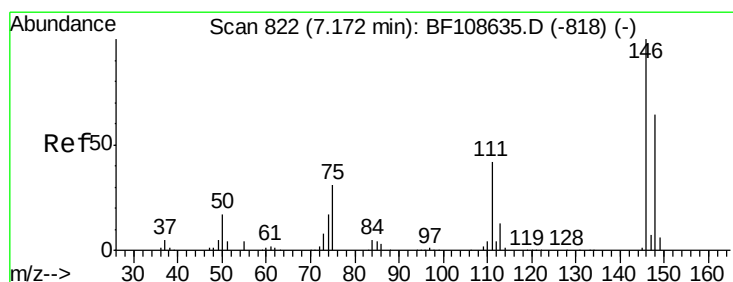
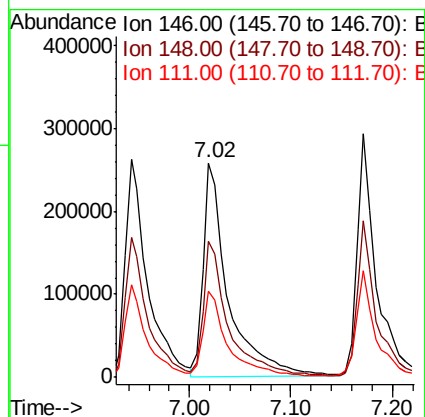
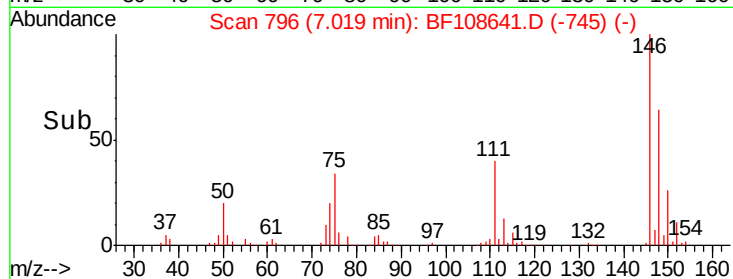
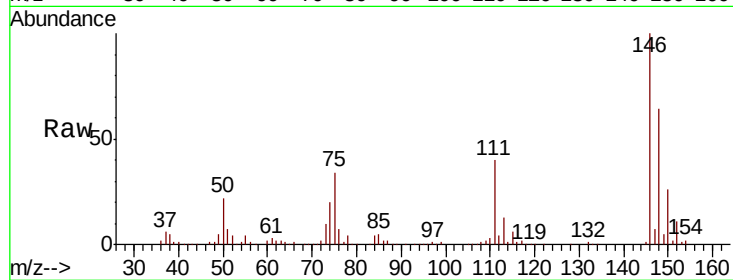
Tot Ion:146 Resp: 443861

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 40.0 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 38.579 ng

RT: 7.17 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

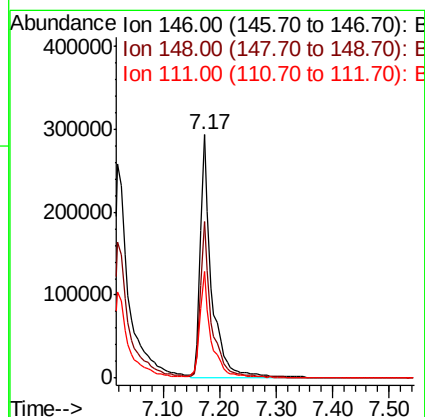
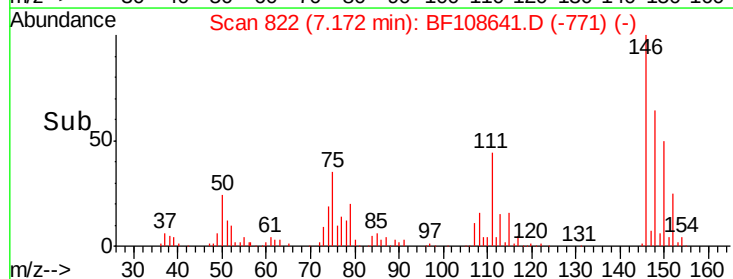
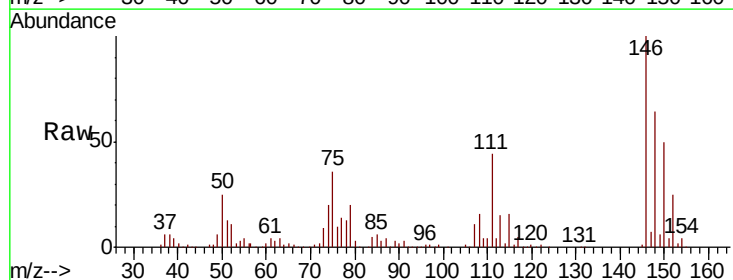
Tgt Ion:146 Resp: 406794

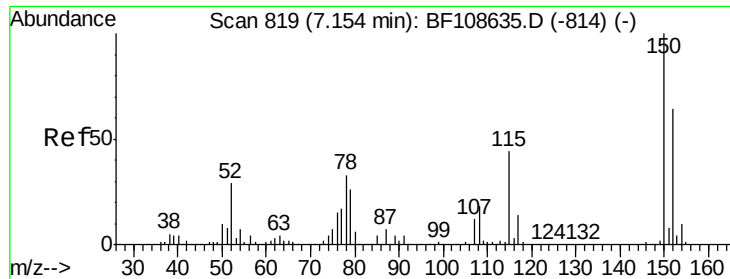
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.100 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

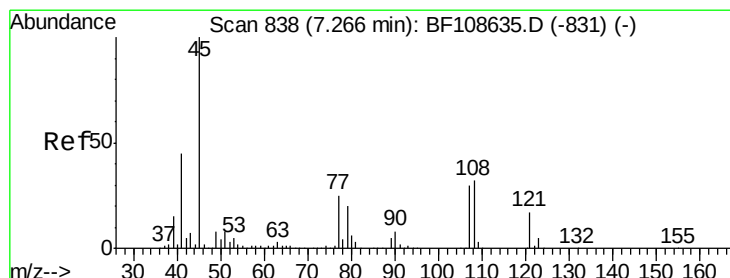
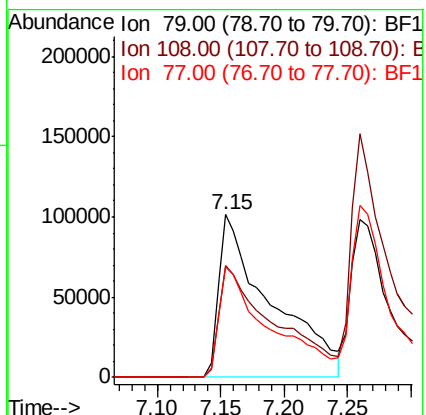
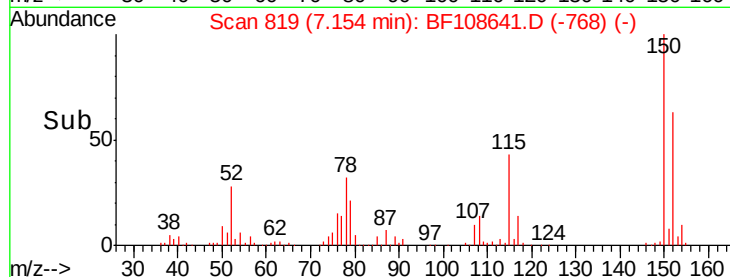
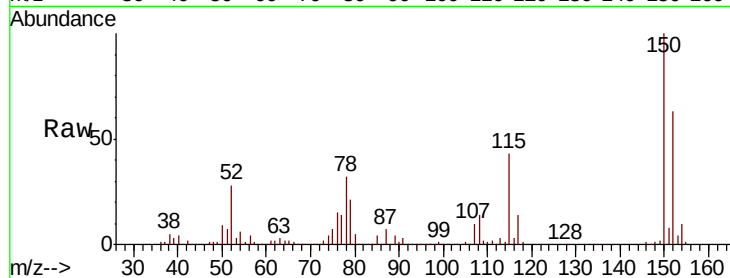
Tot Ion: 79 Resp: 291230

Ion Ratio Lower Upper

79 100

108 68.5 65.1 97.7

77 67.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.029 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

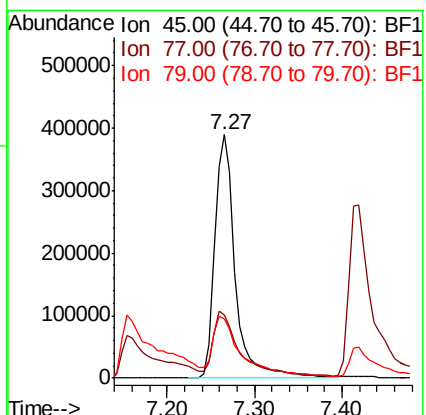
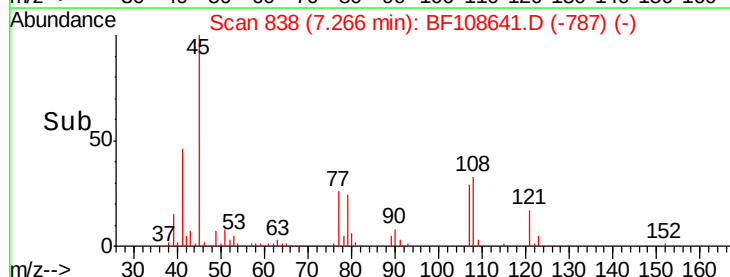
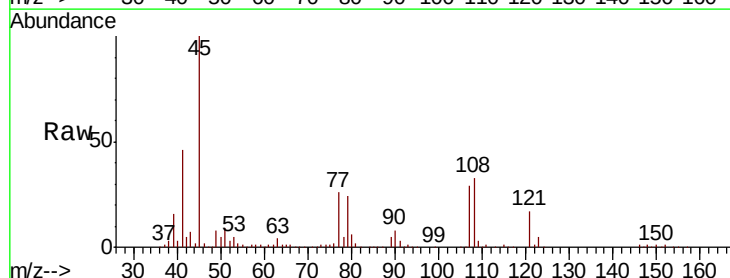
Tgt Ion: 45 Resp: 636582

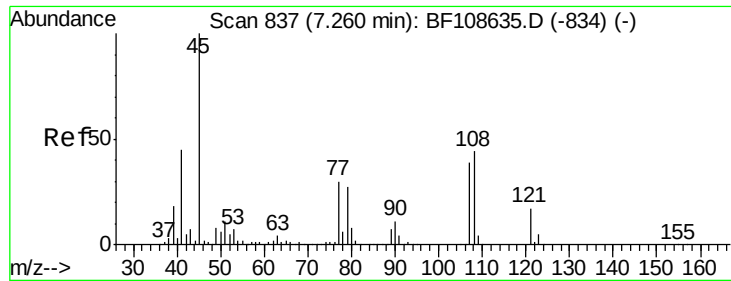
Ion Ratio Lower Upper

45 100

77 26.0 0.0 32.9

79 24.2 0.0 29.6

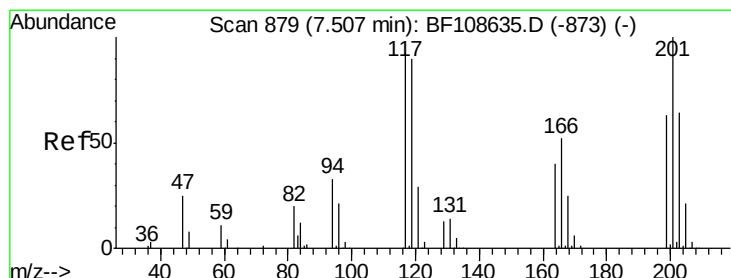
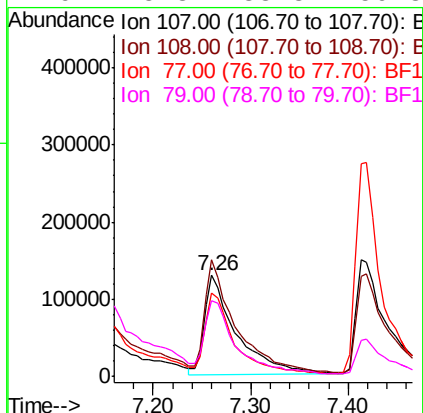
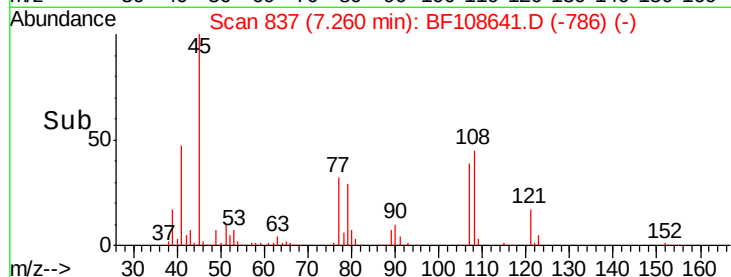
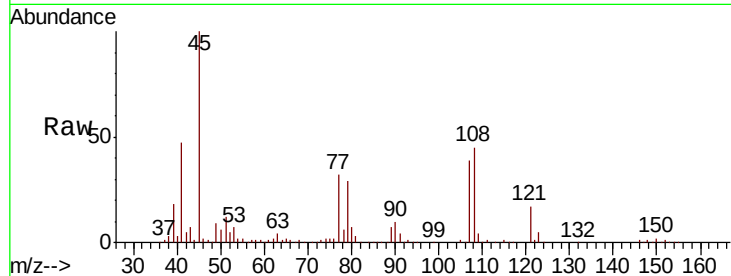




#17
2-Methylphenol
Concen: 40.443 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

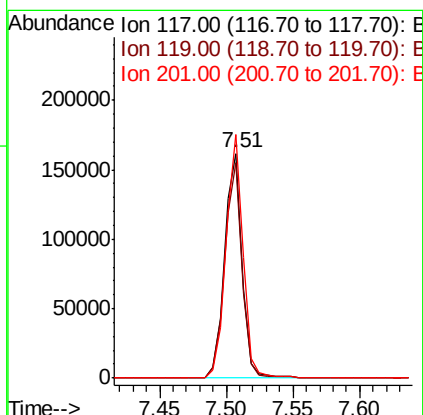
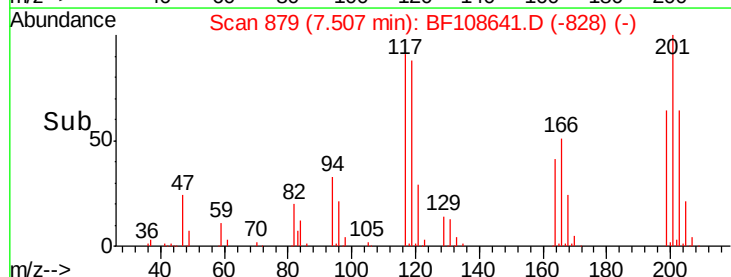
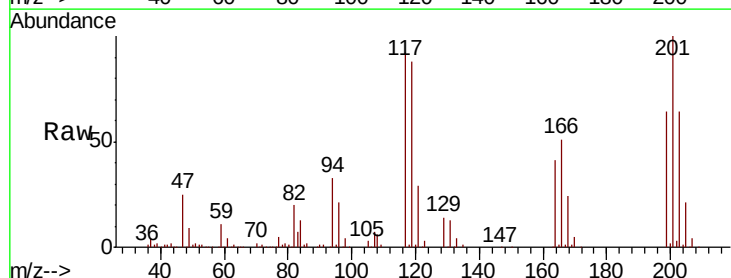
Instrument :
BNA_F
ClientSampled :

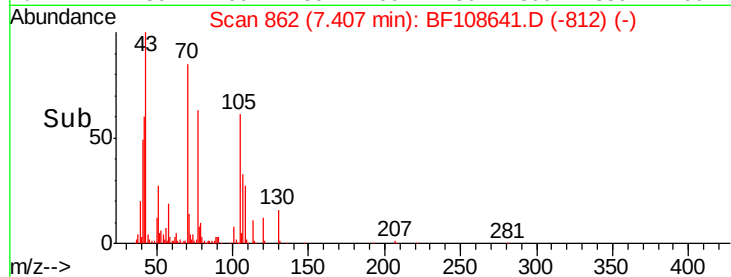
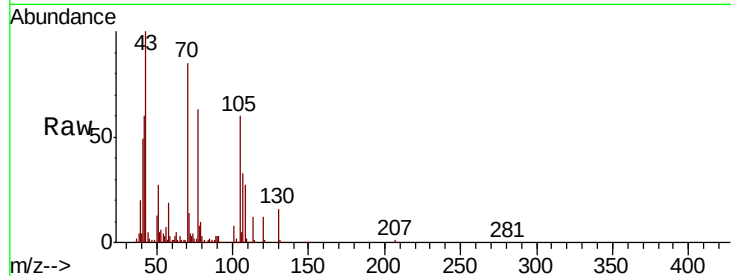
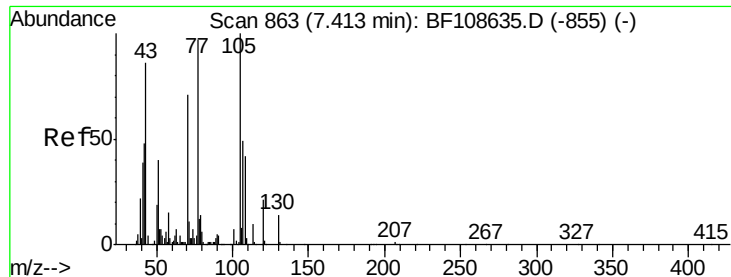
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.7	137.5
77	82.1	33.8	50.8#
79	75.3	33.8	50.8#



#18
Hexachloroethane
Concen: 38.143 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	108.5	75.7	113.5

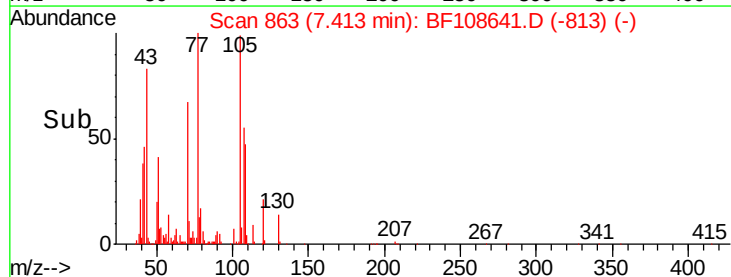
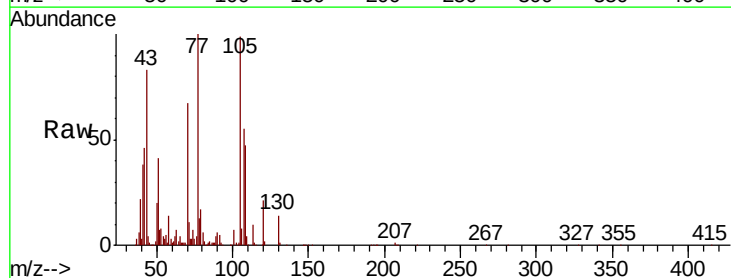
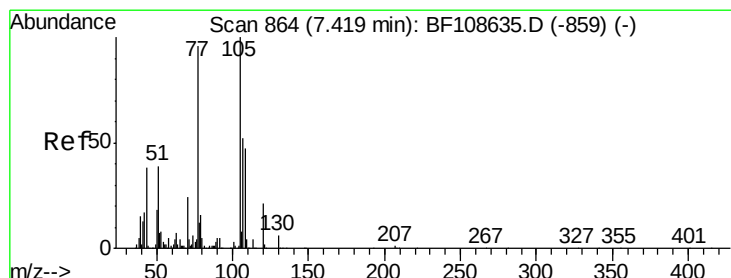
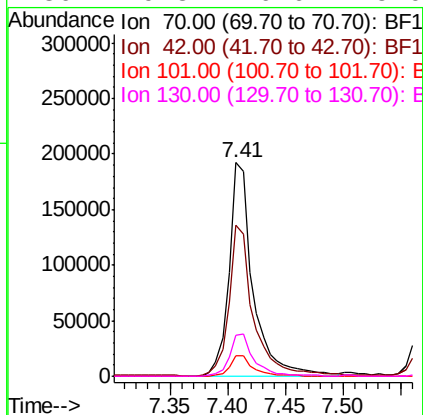




#19
n-Nitroso-di-n-propylamine
Concen: 39.048 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

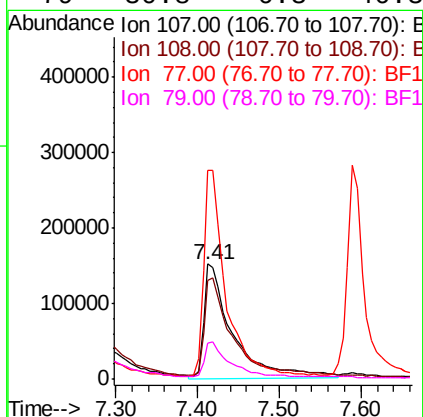
Instrument :
BNA_F
ClientSampled :

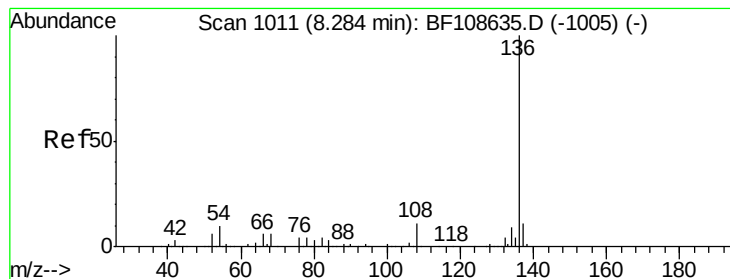
Tot Ion: 70 Resp: 277869
Ion Ratio Lower Upper
70 100
42 70.5 47.5 71.3
101 9.5 7.4 11.2
130 19.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.227 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion: 107 Resp: 373155
Ion Ratio Lower Upper
107 100
108 85.6 68.2 108.2
77 181.5 26.7 66.7#
79 30.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 548122

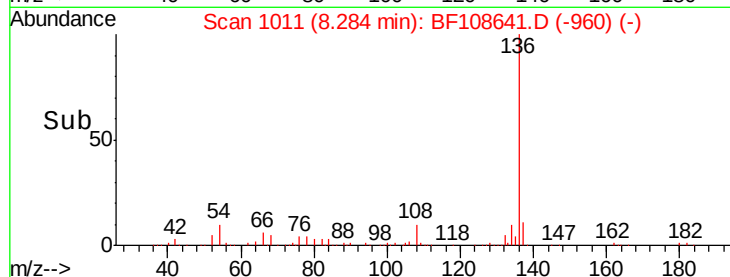
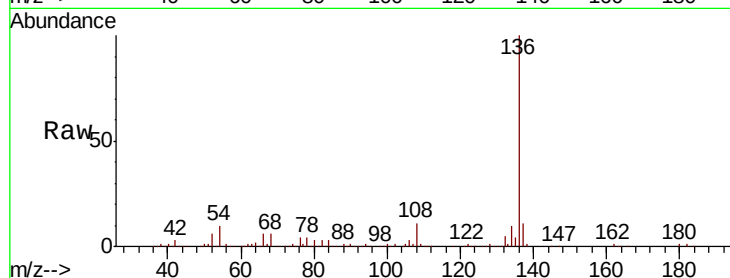
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.3 6.6 9.8#

68 5.7 5.0 7.4

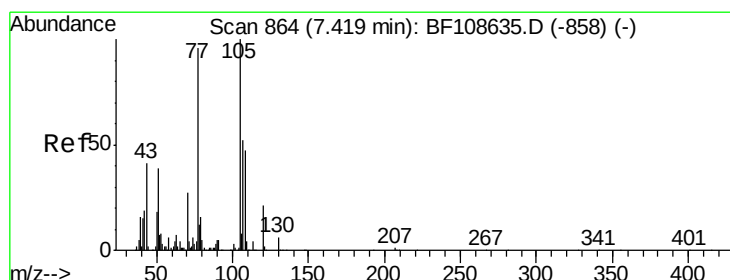
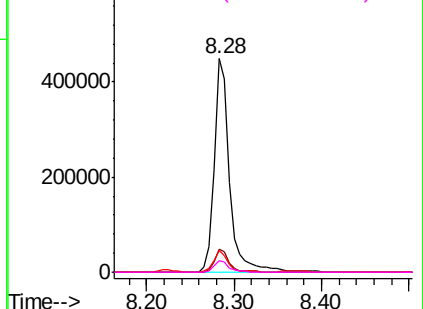


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.841 ng

RT: 7.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Tgt Ion:105 Resp: 517784

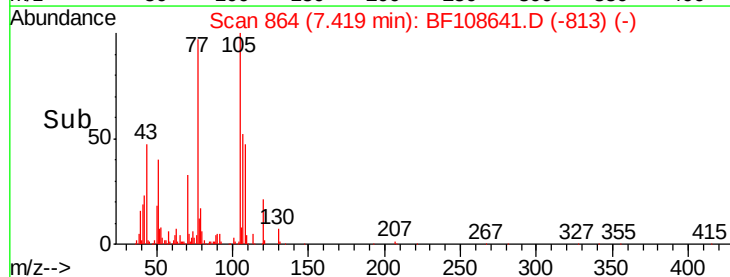
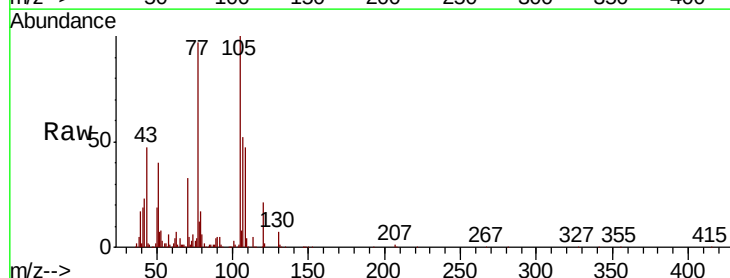
Ion Ratio Lower Upper

105 100

71 5.1 4.4 6.6

51 40.2 22.3 33.5#

120 21.4 16.9 25.3

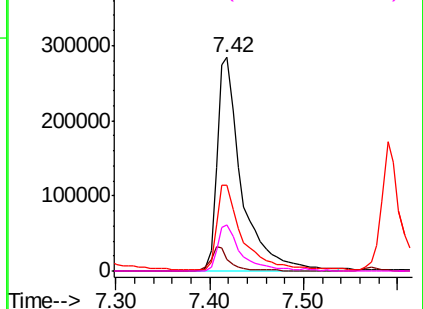


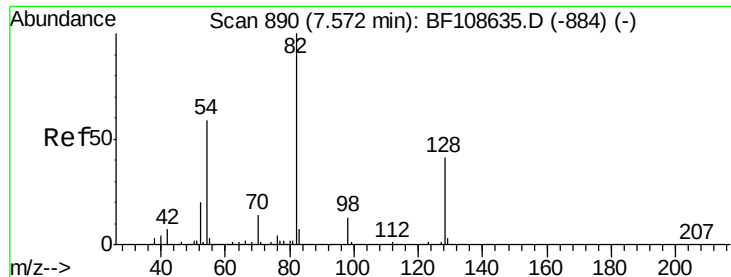
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

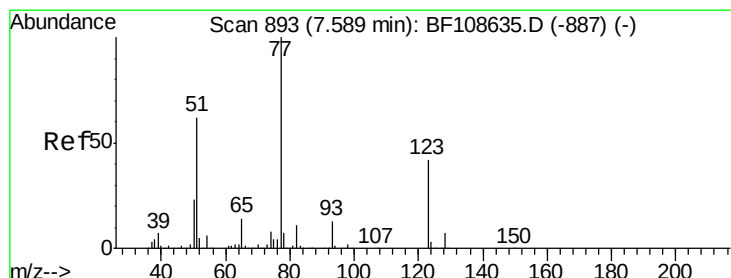
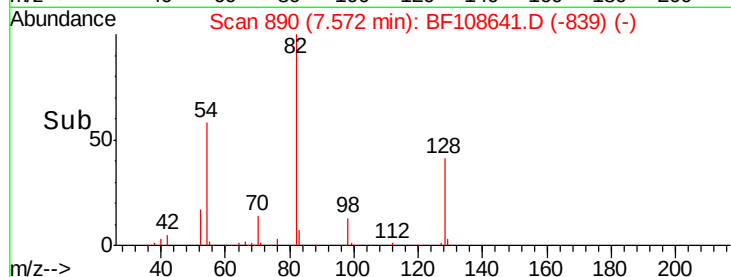
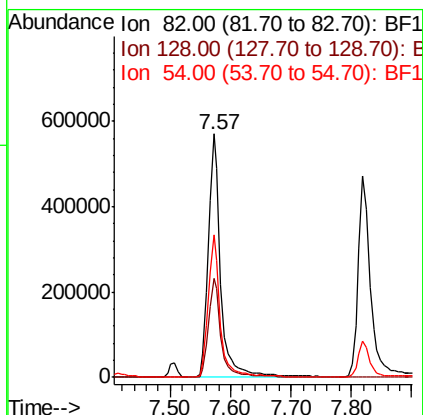
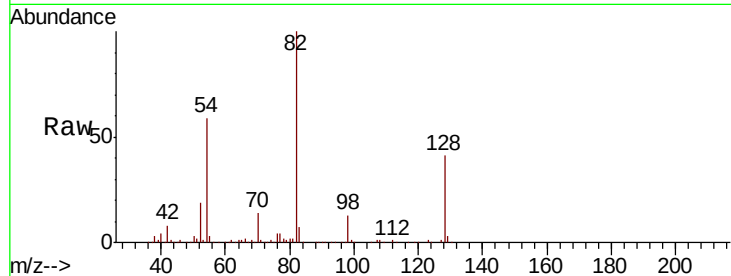




#23
 Nitrobenzene-d5
 Concen: 76.481 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

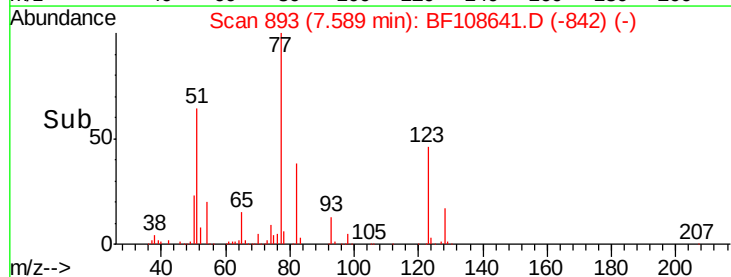
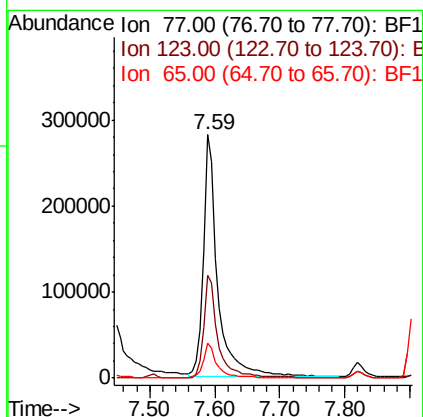
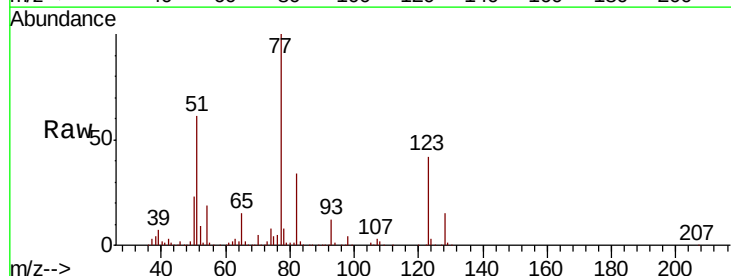
Instrument :
 BNA_F
 ClientSampleId :

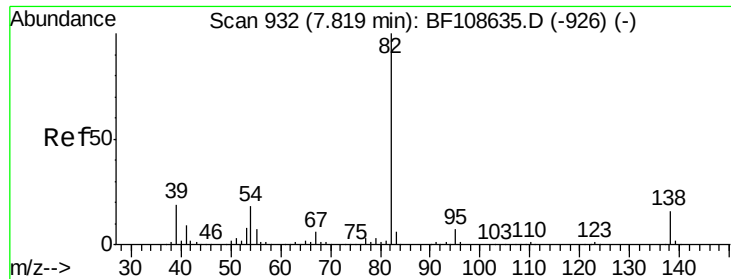
Tot Ion	82	Resp	825890
Ion Ratio	Lower	Upper	
82	100		
128	40.6	36.1	54.1
54	58.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 39.054 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	77	Resp	427617
Ion Ratio	Lower	Upper	
77	100		
123	42.0	37.9	56.9
65	14.6	11.0	16.4

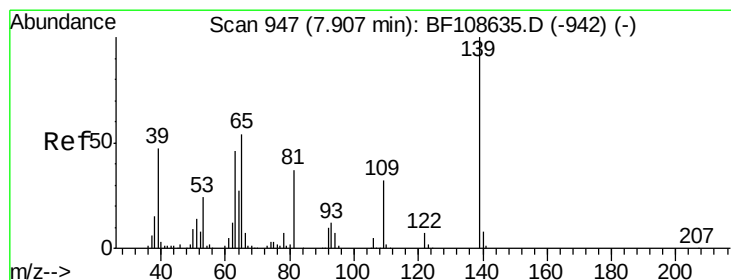
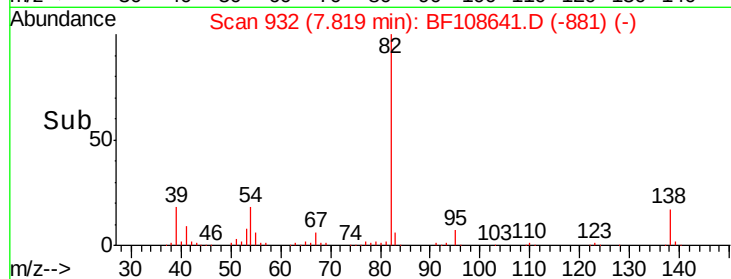
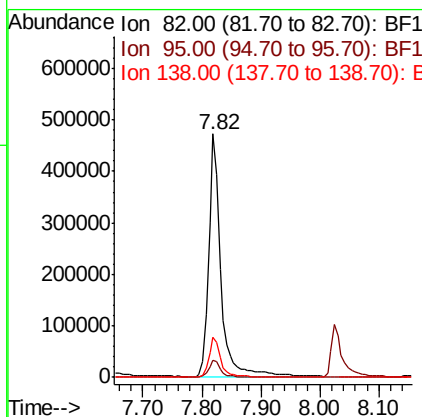
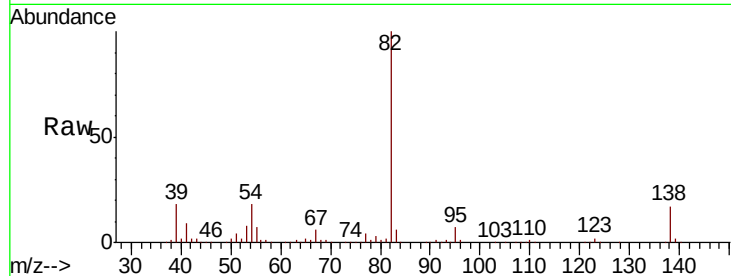




#25
Isophorone
Concen: 38.140 ng
RT: 7.82 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

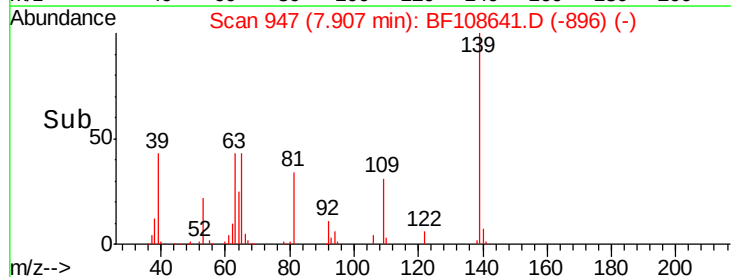
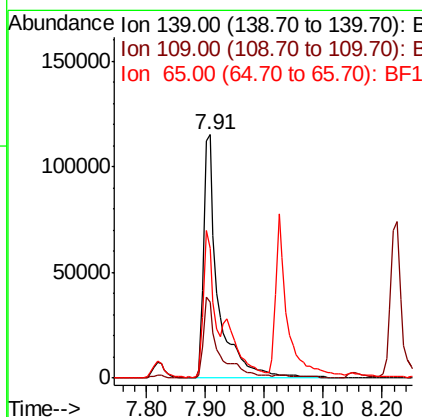
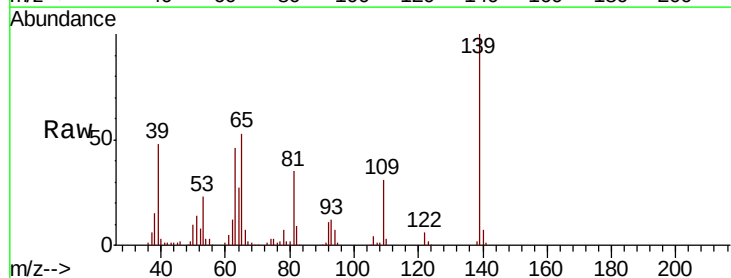
Instrument :
BNA_F
ClientSampleId :

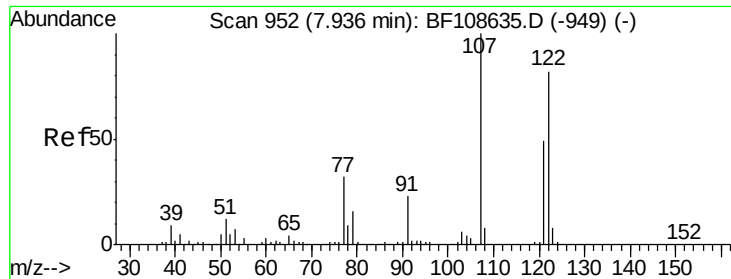
Tot Ion: 82 Resp: 684178
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 16.7 14.9 22.3



#26
2-Nitrophenol
Concen: 39.776 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion: 139 Resp: 197158
Ion Ratio Lower Upper
139 100
109 31.4 22.7 34.1
65 53.0 40.5 60.7

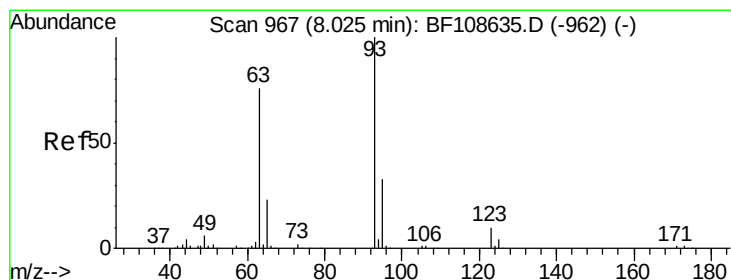
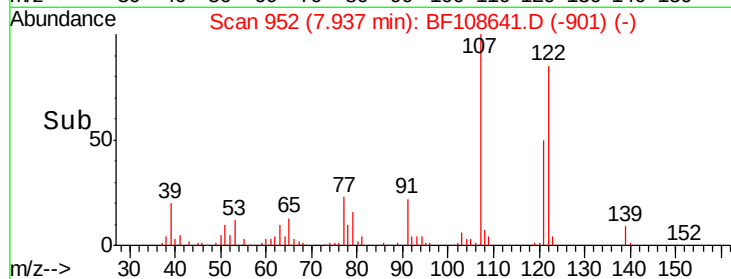
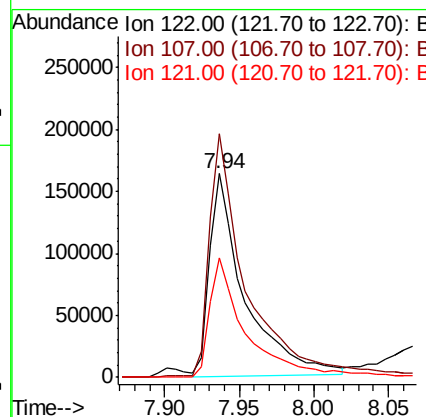
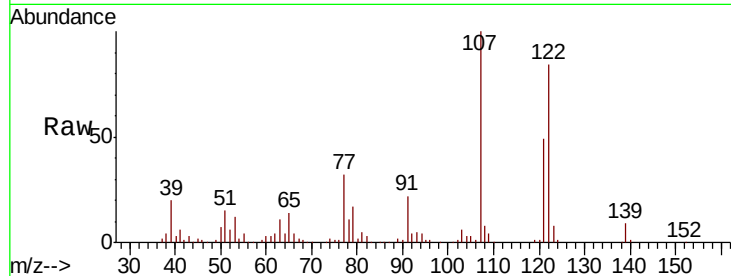




#27
 2,4-Dimethylphenol
 Concen: 36.931 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

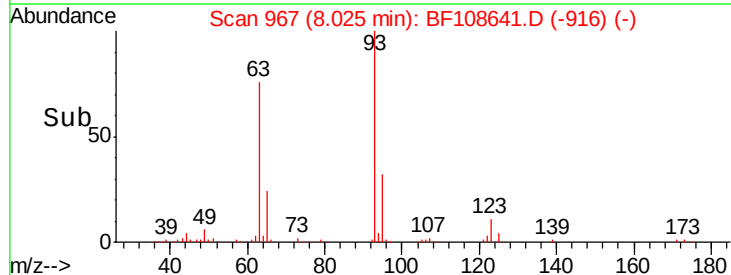
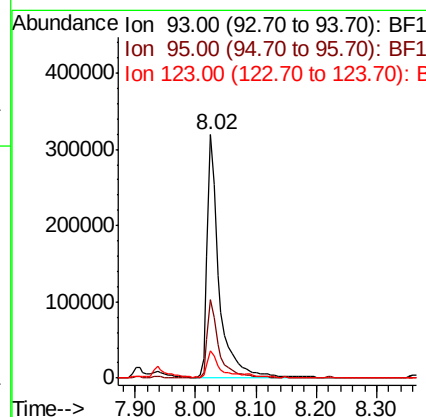
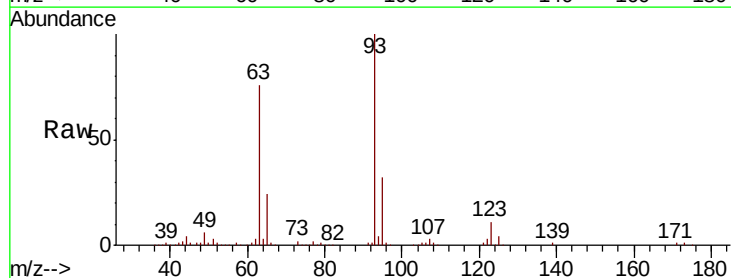
Instrument :
 BNA_F
 ClientSampled :

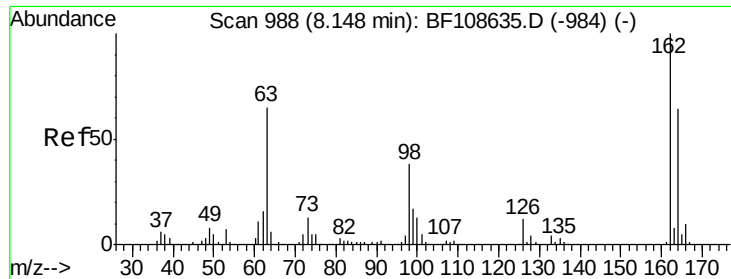
Tot Ion:122 Resp: 266233
 Ion Ratio Lower Upper
 122 100
 107 119.5 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.354 ng
 RT: 8.02 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion: 93 Resp: 434618
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.0 9.8 14.6

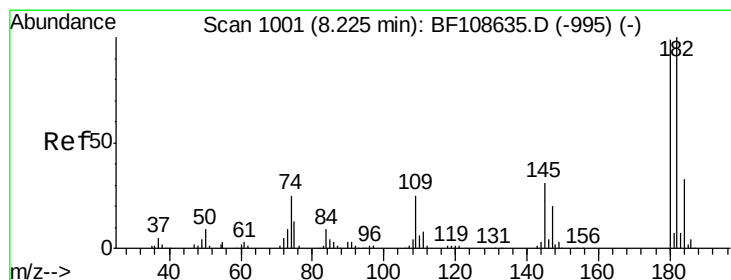
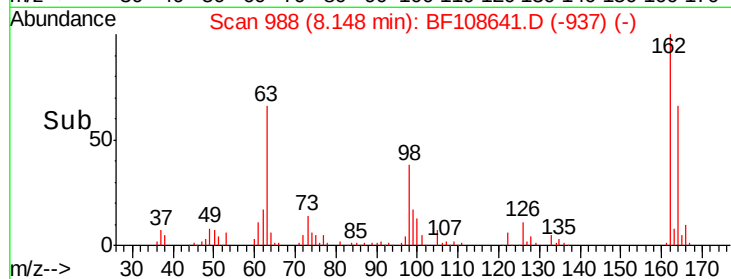
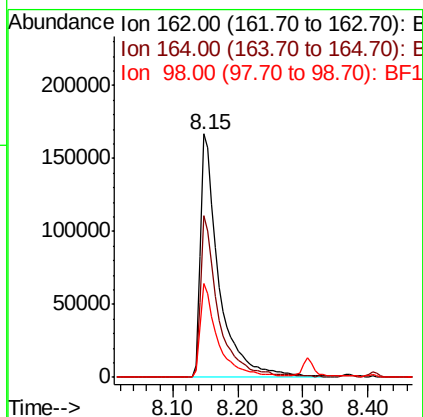
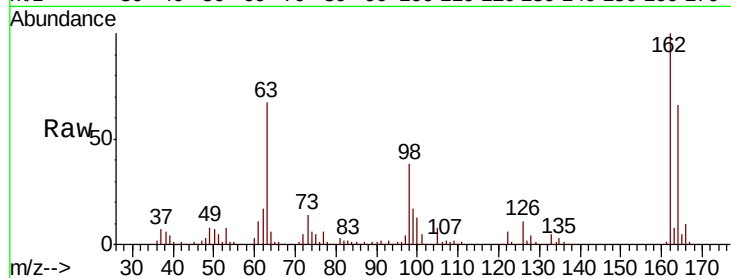




#29
 2,4-Dichlorophenol
 Concen: 38.552 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

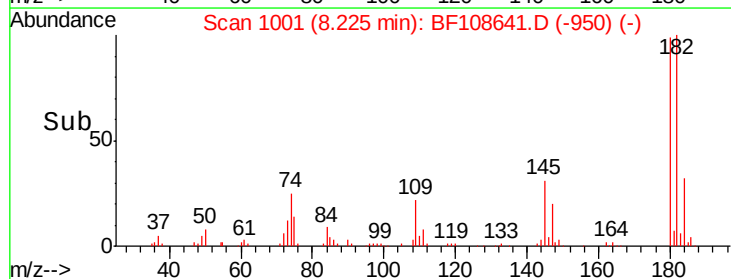
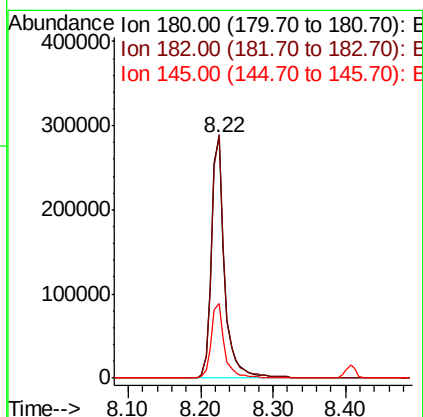
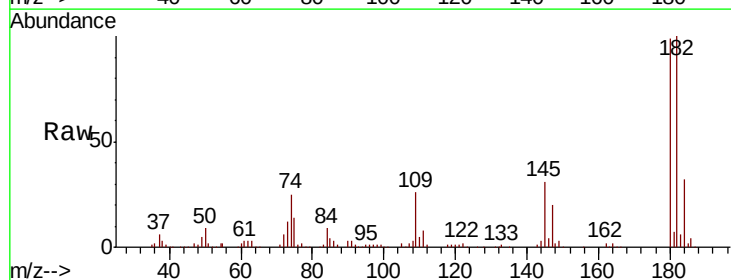
Instrument :
 BNA_F
 ClientSampleId :

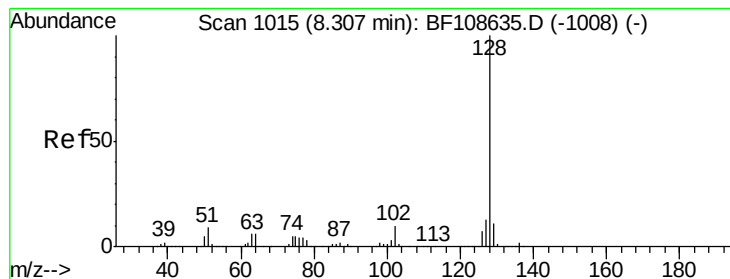
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	42.7	82.7
98	38.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.742 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	76.8	115.2
145	31.0	26.5	39.7





#31

Naphthalene

Concen: 41.065 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampled :

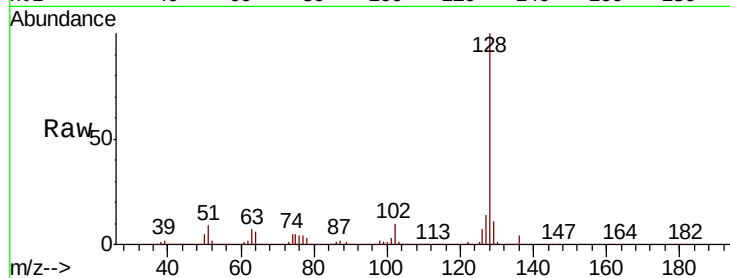
Tot Ion:128 Resp: 1072108

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

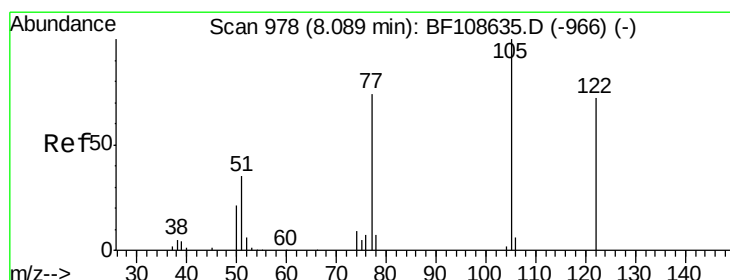
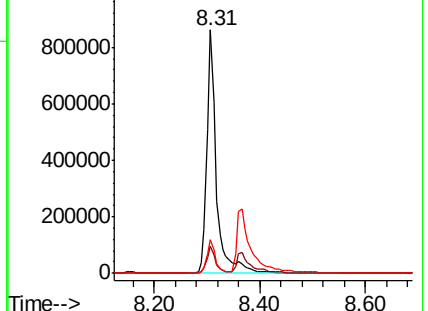
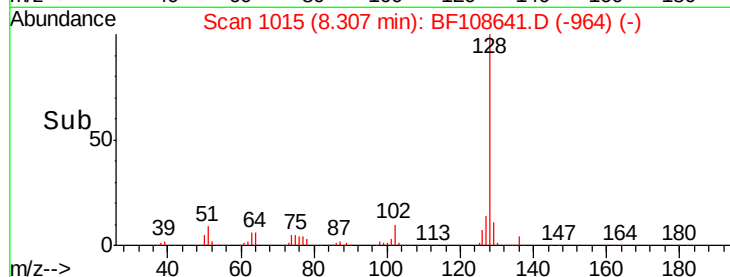
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.028 ng

RT: 8.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

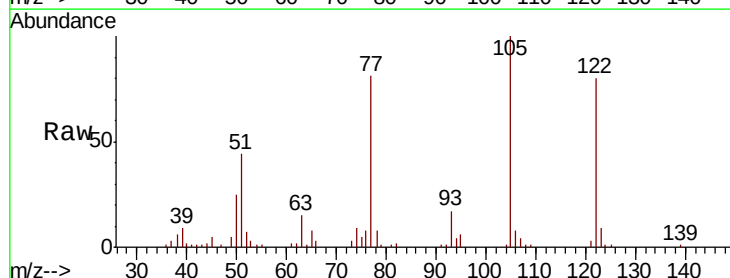
Tgt Ion:122 Resp: 134198

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

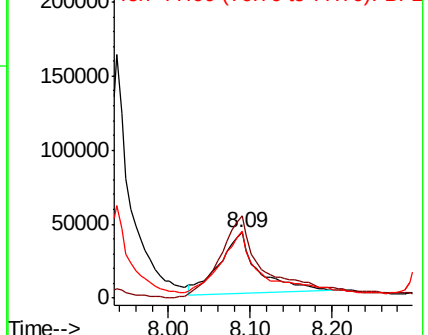
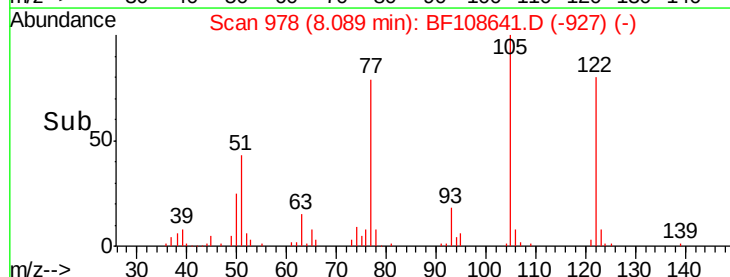
77 102.3 70.7 110.7

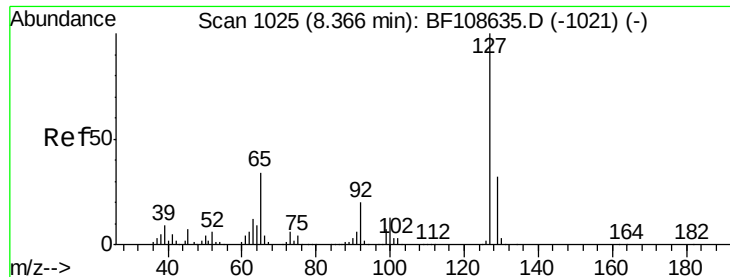


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

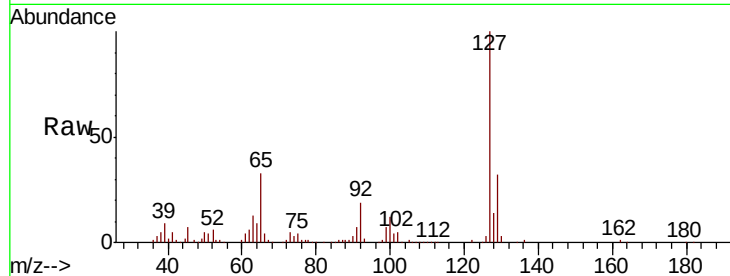




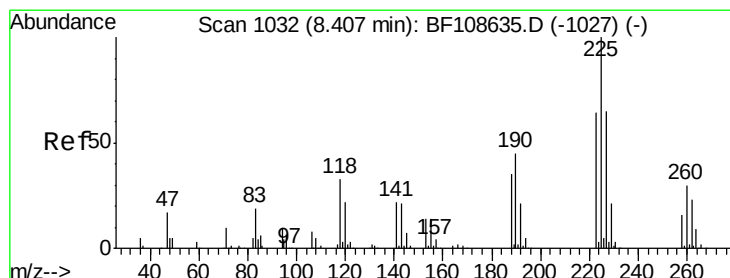
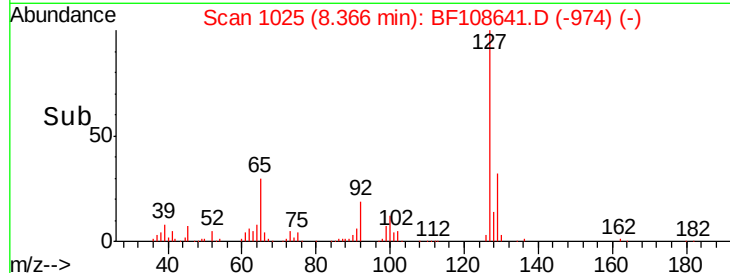
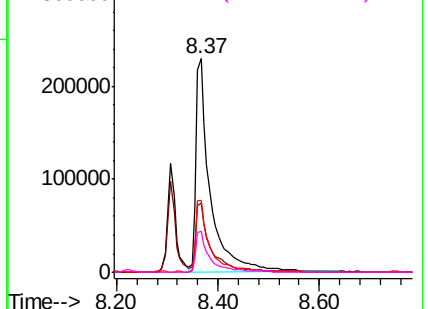
#33
4-Chloroaniline
Concen: 38.977 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	449204
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	33.5	25.0 37.4
92	19.3	15.2 22.8

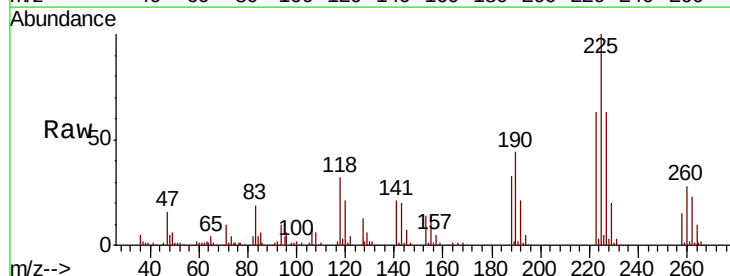


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

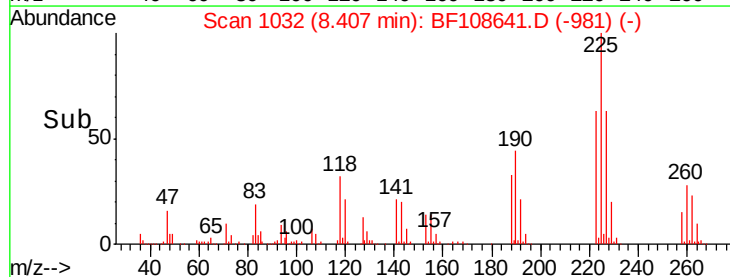
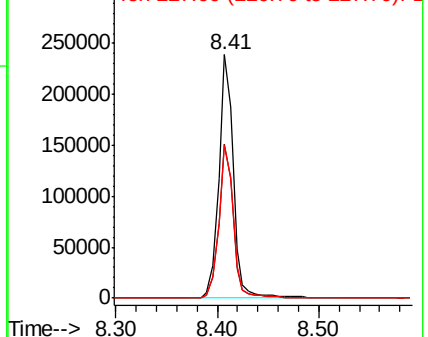


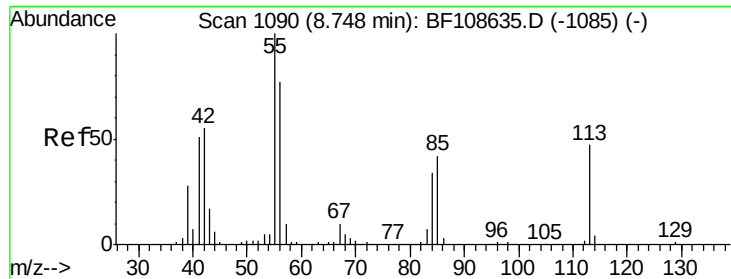
#34
Hexachlorobutadiene
Concen: 37.990 ng
RT: 8.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:225	Resp:	238555
Ion Ratio	Lower	Upper
225	100	
223	63.4	50.6 76.0
227	62.6	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

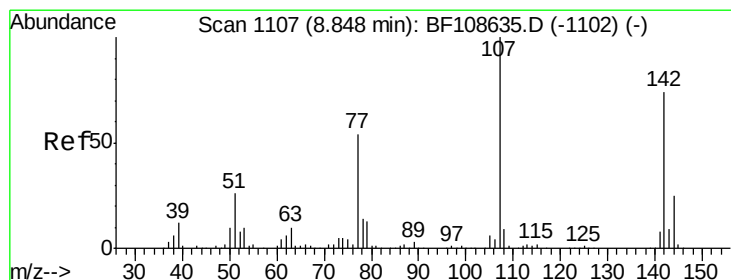
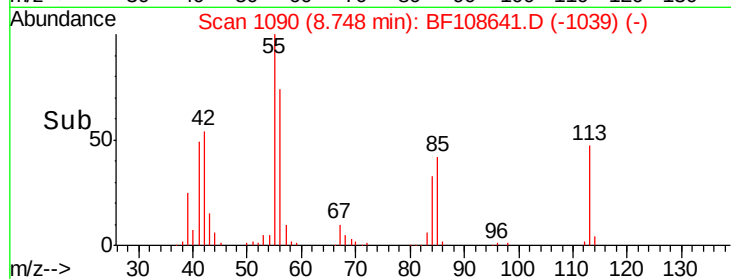
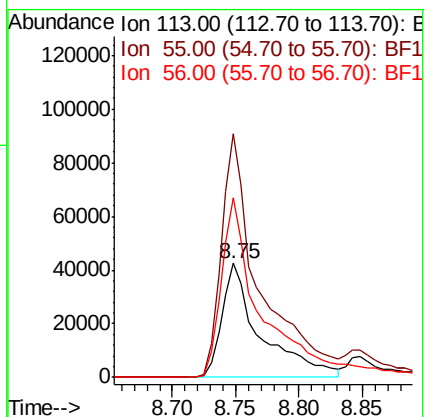
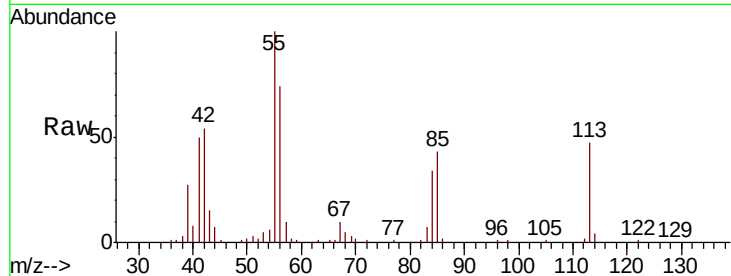




#35
 Caprolactam
 Concen: 39.197 ng
 RT: 8.75 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

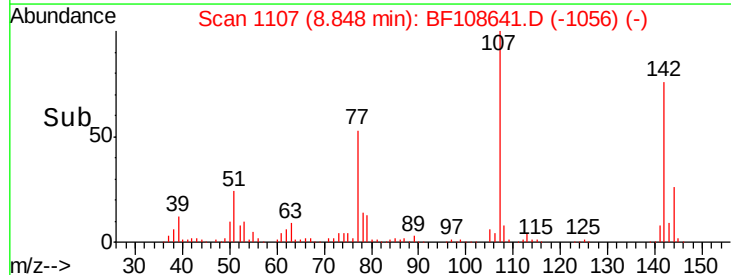
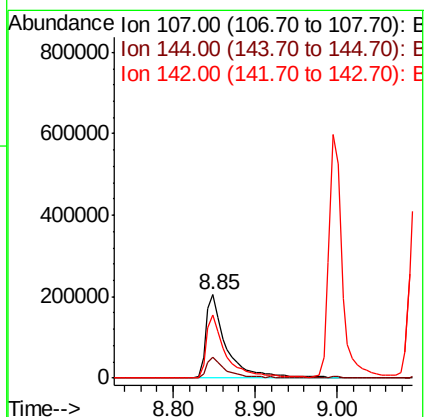
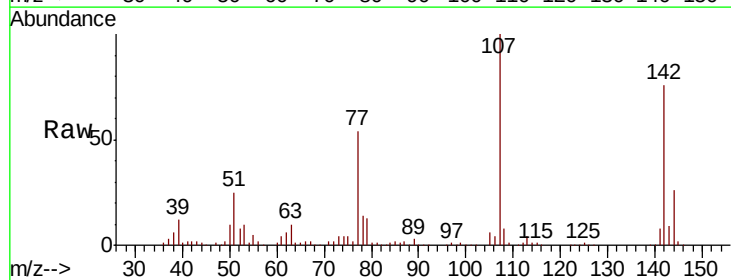
Instrument :
 BNA_F
 ClientSampleId :

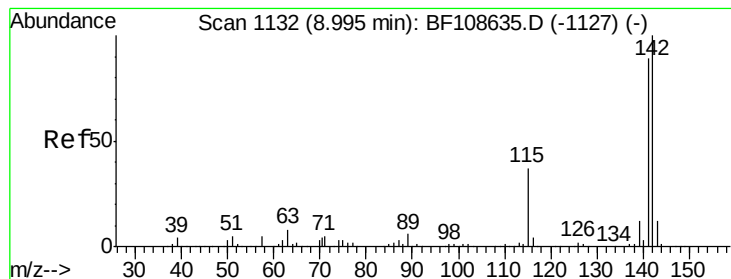
Tot Ion:113 Resp: 89326
 Ion Ratio Lower Upper
 113 100
 55 213.9 163.3 203.3#
 56 157.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.432 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion:107 Resp: 352766
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 75.7 62.0 93.0

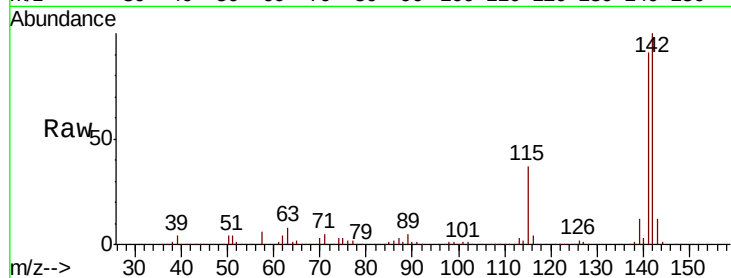




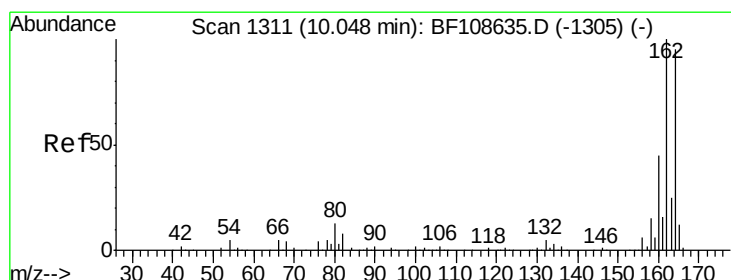
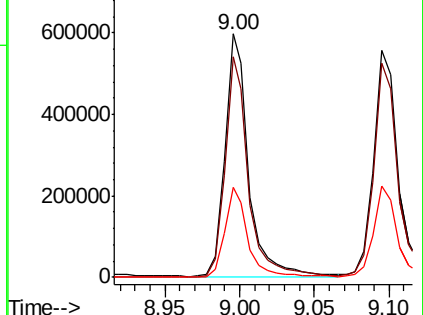
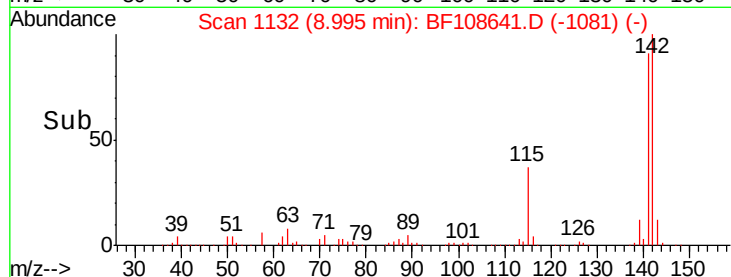
#37
 2-Methylnaphthalene
 Concen: 38.234 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	37.2	26.1	39.1

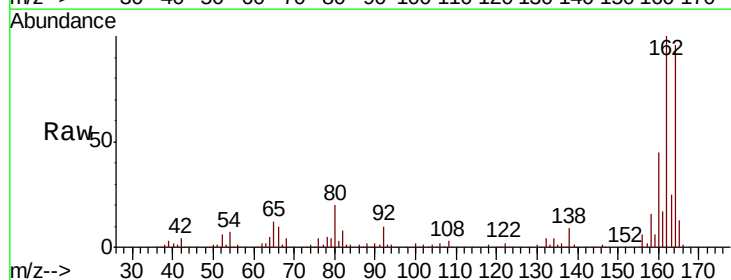


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

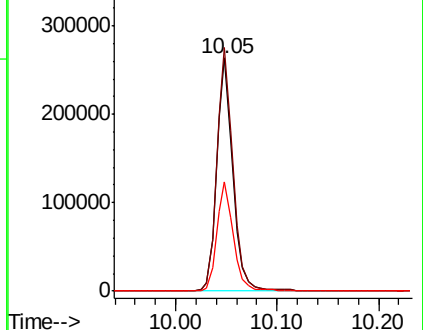
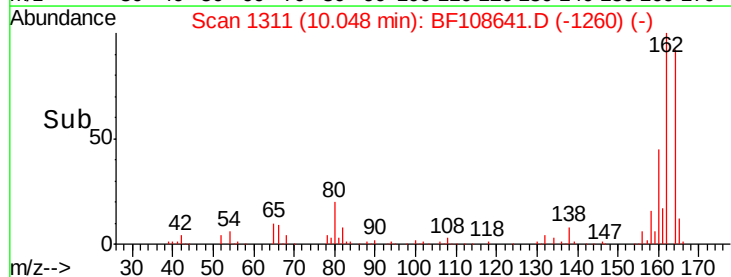


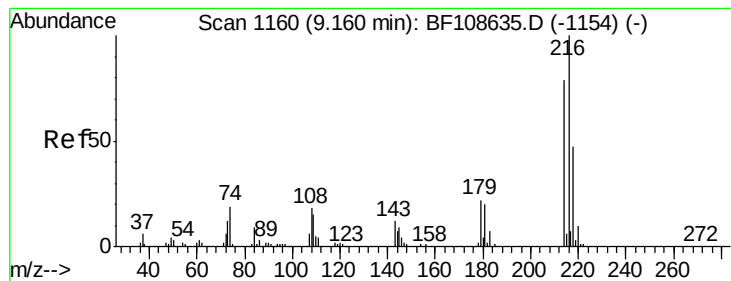
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.916 ng

RT: 9.16 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 392049

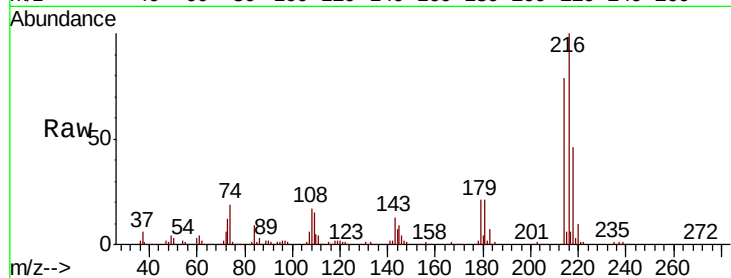
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.6 18.1 27.1

108 17.0 17.2 25.8#

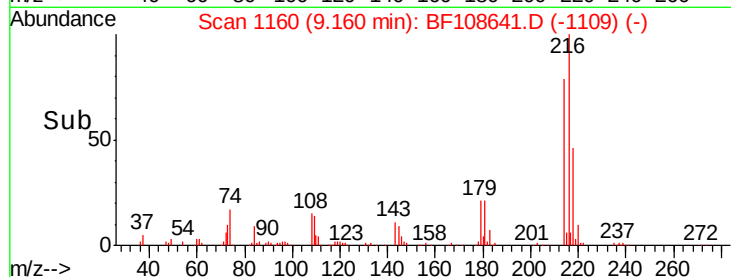
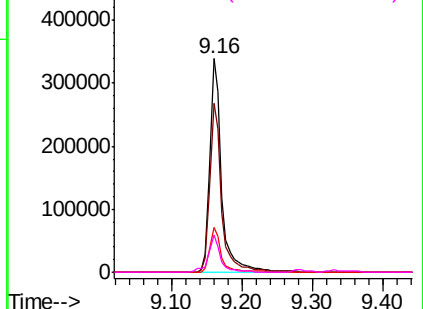


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.750 ng

RT: 9.14 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

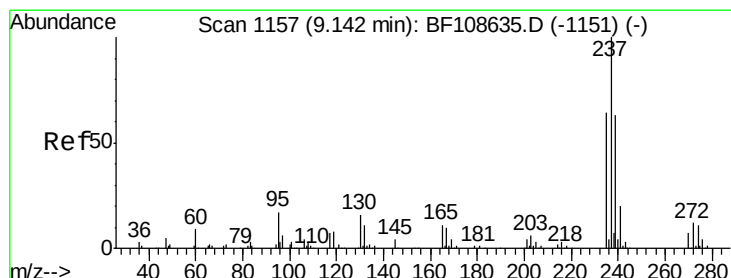
Tgt Ion:237 Resp: 141526

Ion Ratio Lower Upper

237 100

235 60.7 44.8 84.8

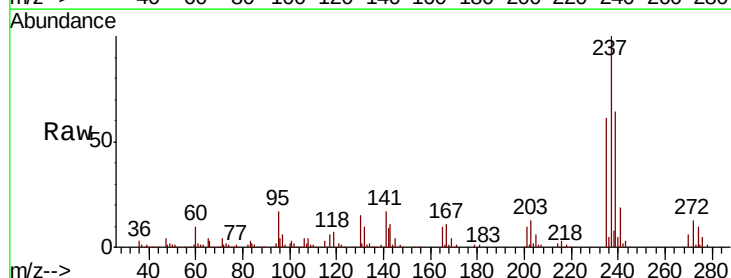
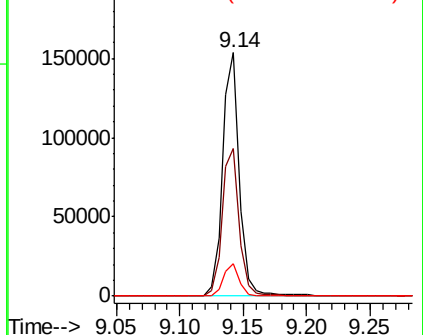
272 13.2 0.0 33.3

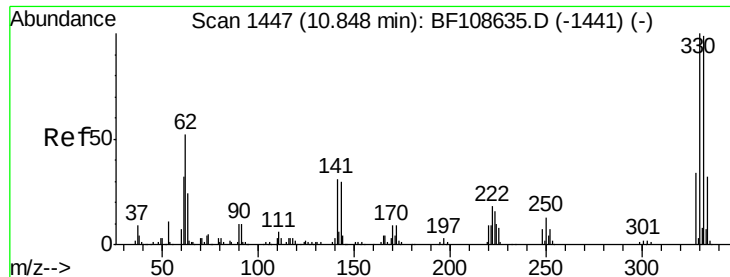


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

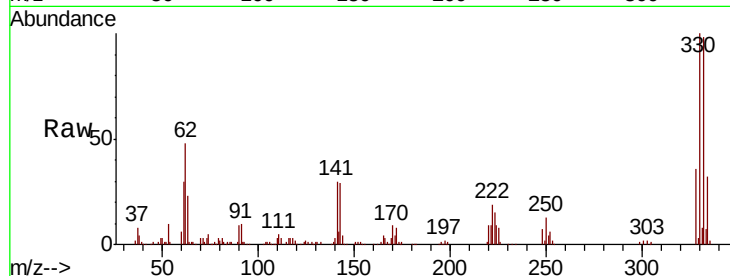




#41
 2,4,6-Tribromophenol
 Concen: 75.419 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.6	29.9	44.9

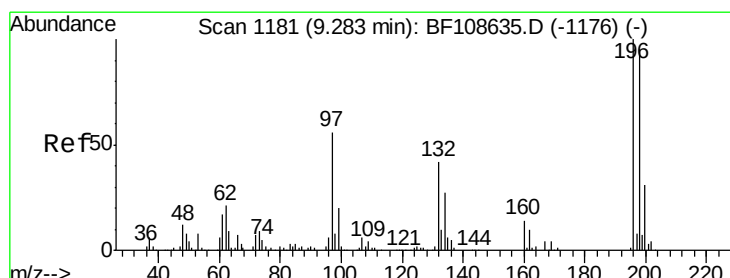
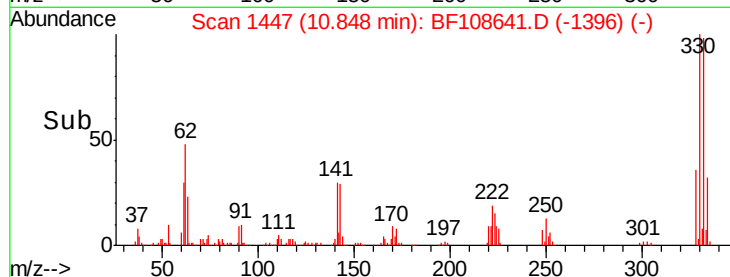
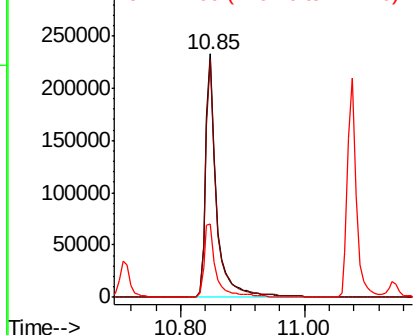


Abundance

Ion 329.80 (329.50 to 330.50): E

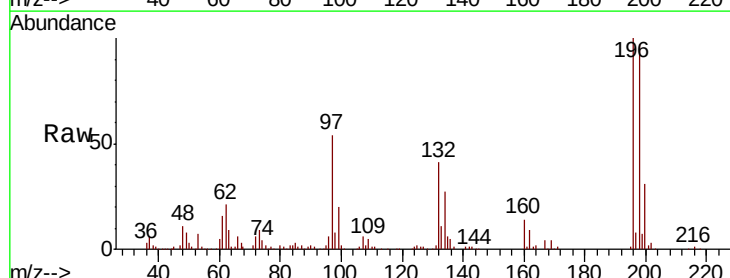
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.750 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
200	30.9	24.5	36.7

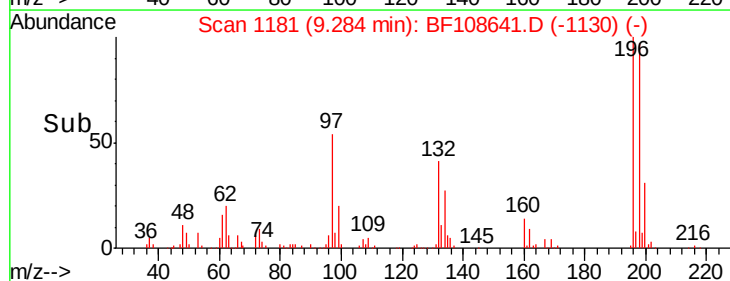
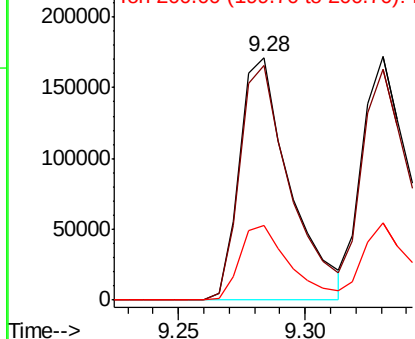


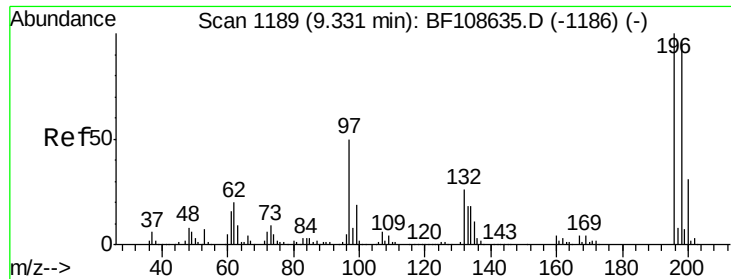
Abundance

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

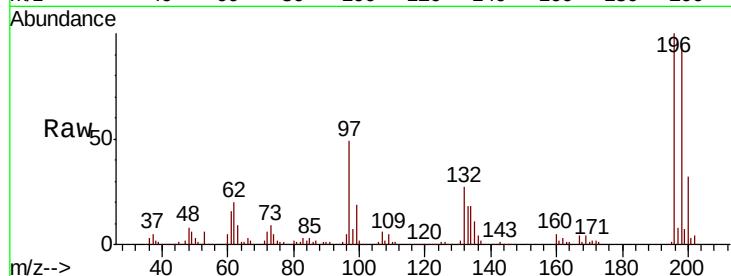




#43
 2,4,5-Trichlorophenol
 Concen: 38.572 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	275418
Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.6	112.0
97	49.4	42.9	64.3
132	27.1	26.3	39.5



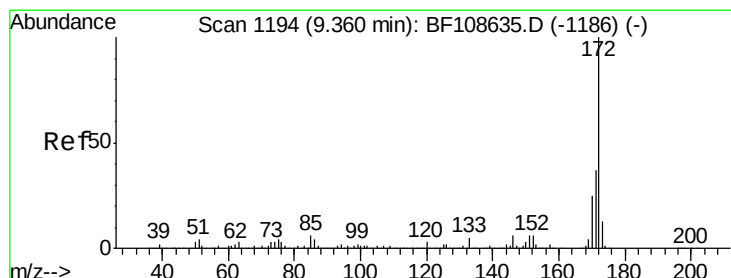
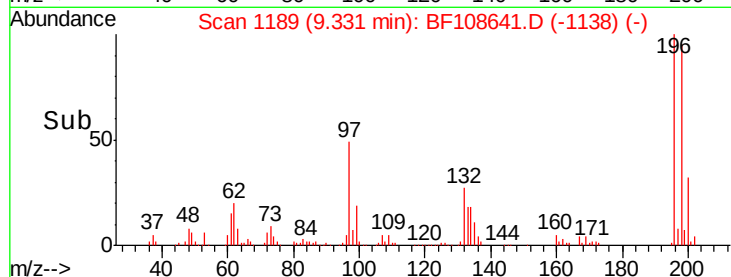
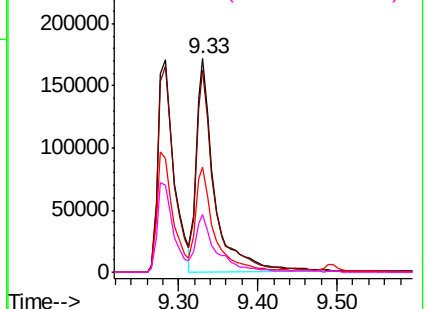
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

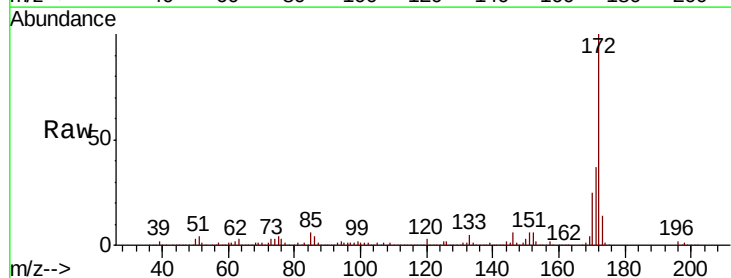
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.718 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	172	Resp	1618483
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	19.6	29.4

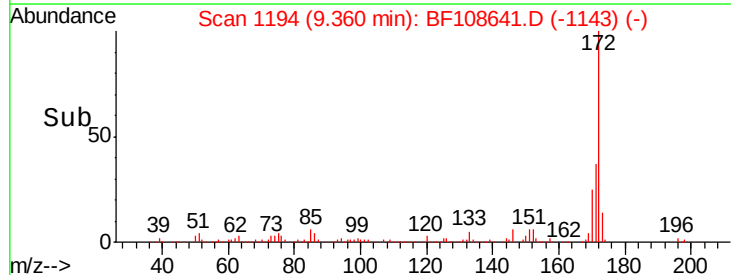
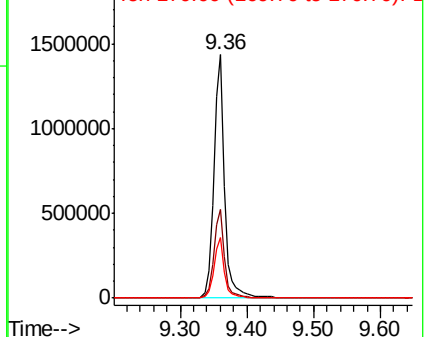


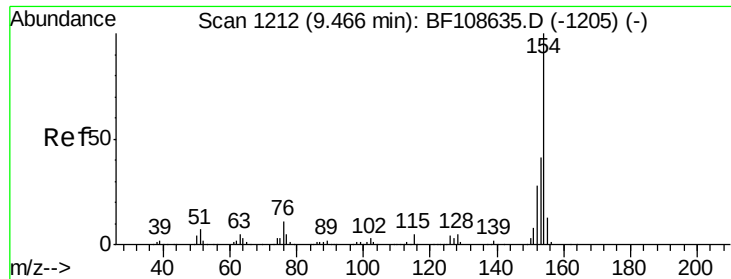
Abundance

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

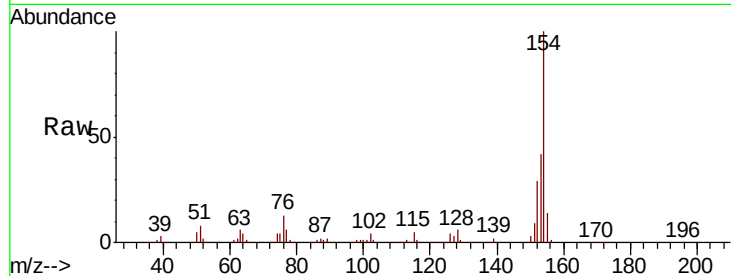




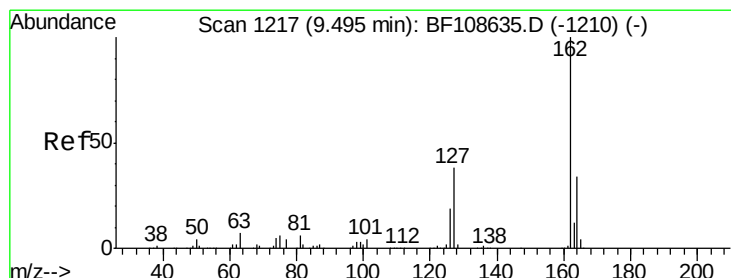
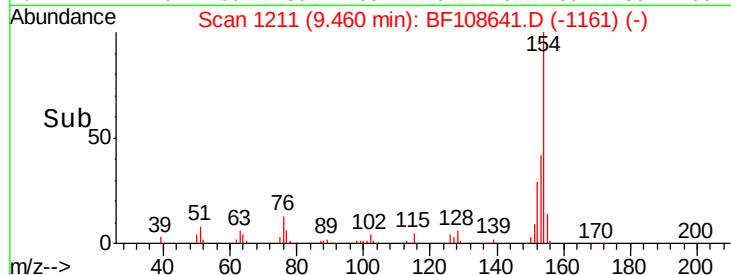
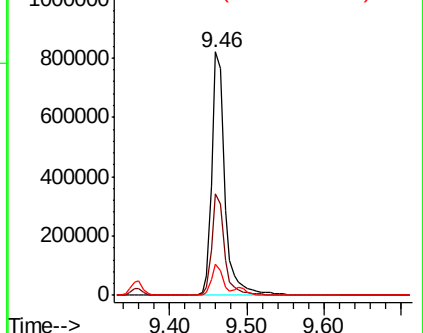
#45
 1,1'-Biphenyl
 Concen: 37.589 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	13.0	0.0	34.0

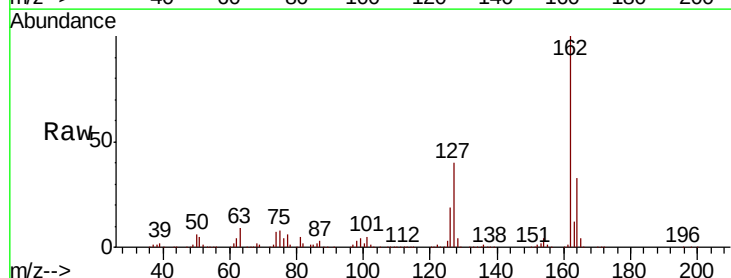


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

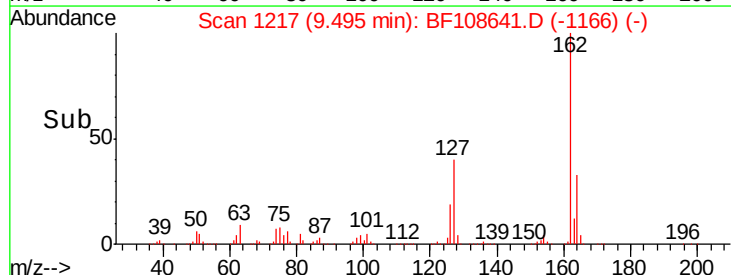
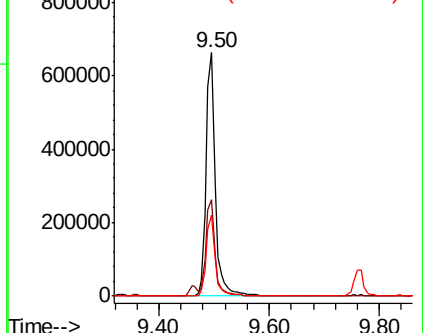


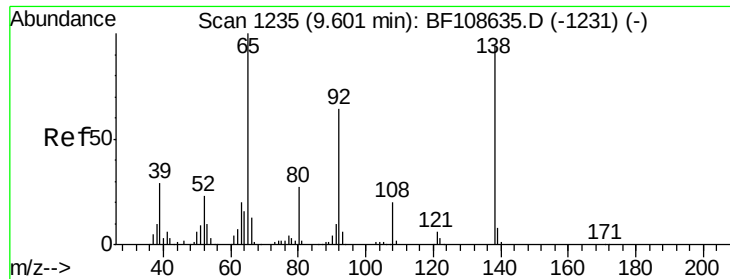
#46
 2-Chloronaphthalene
 Concen: 37.798 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.1	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

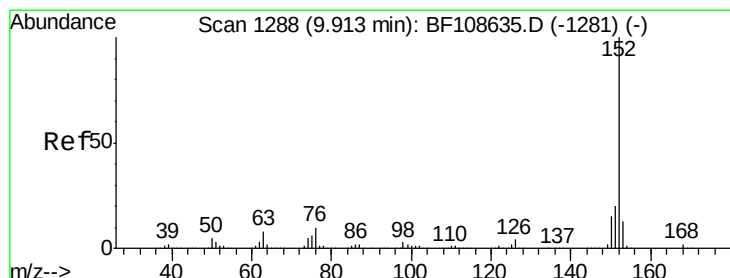
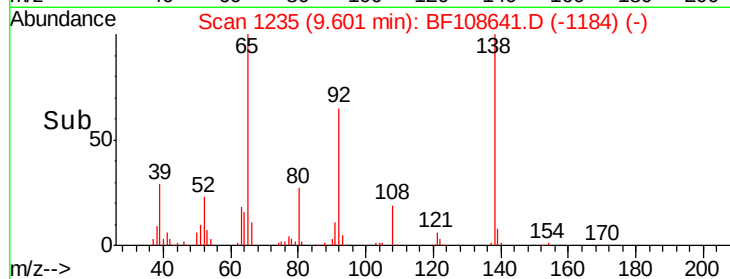
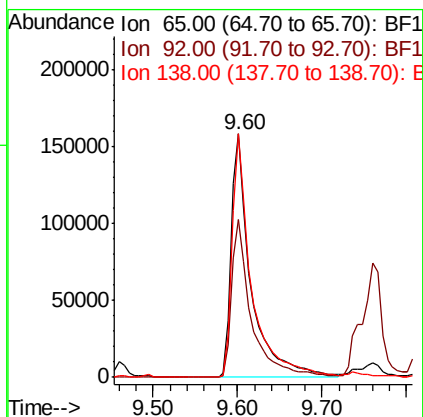
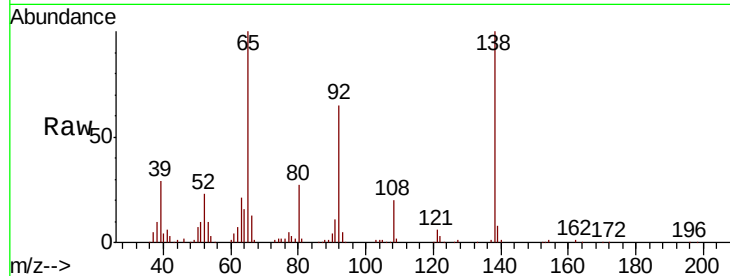




#47
2-Nitroaniline
Concen: 38.082 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

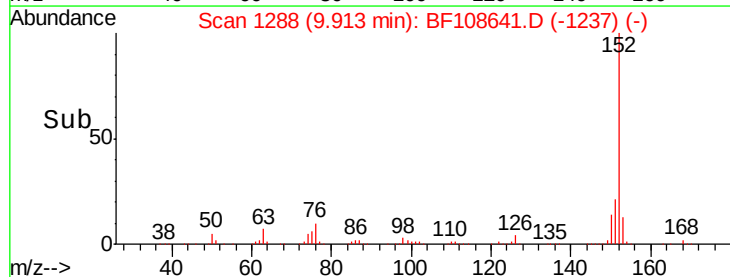
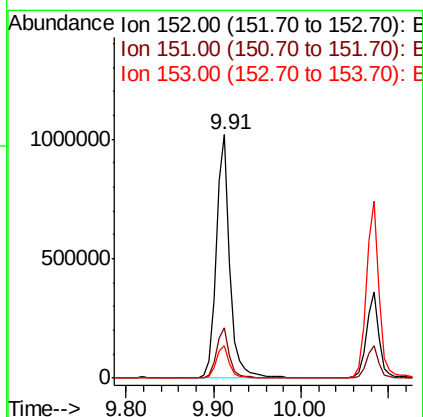
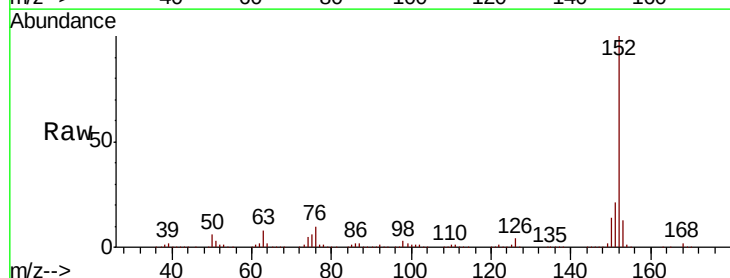
Instrument :
BNA_F
ClientSampleId :

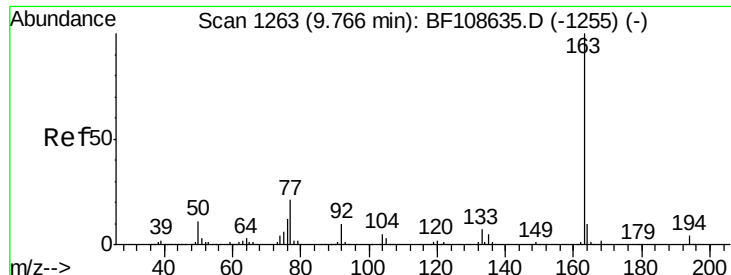
Tot Ion: 65 Resp: 252823
Ion Ratio Lower Upper
65 100
92 64.7 55.8 83.6
138 100.0 91.2 136.8



#48
Acenaphthylene
Concen: 37.579 ng
RT: 9.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion: 152 Resp: 1092089
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.1 10.7 16.1

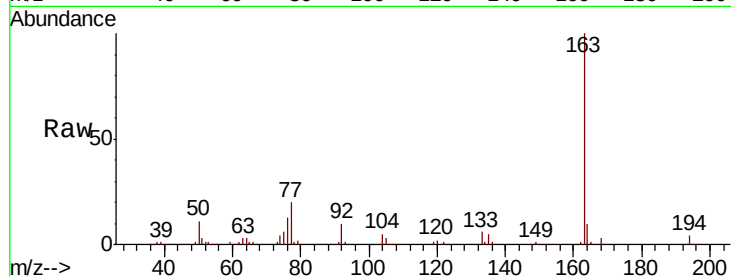




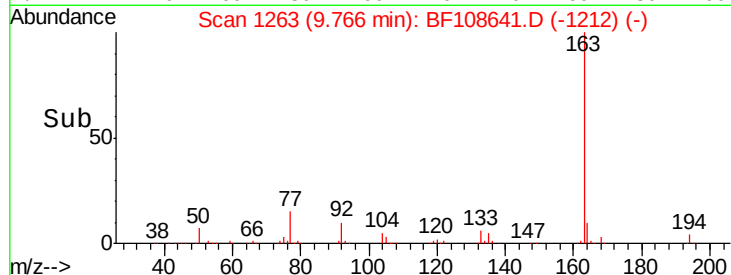
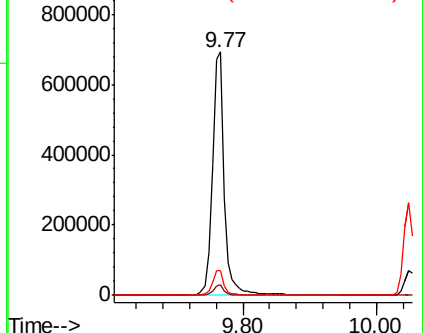
#49
Dimethylphthalate
Concen: 37.673 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 864024
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.1 8.2 12.2

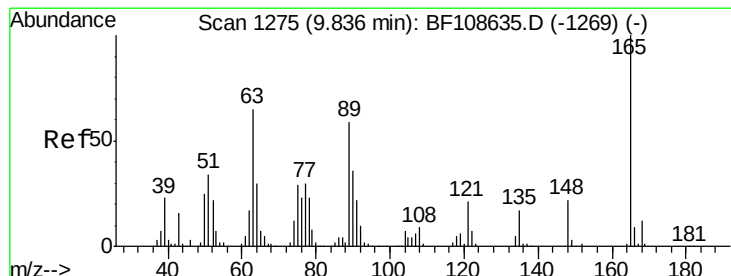


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

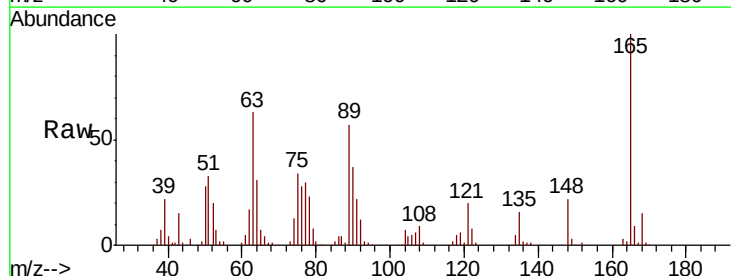
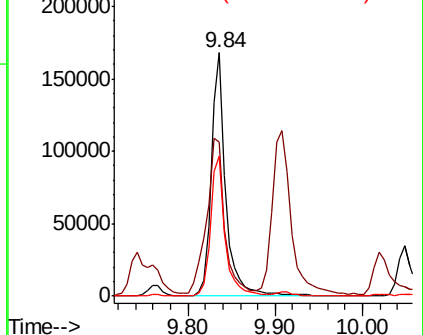


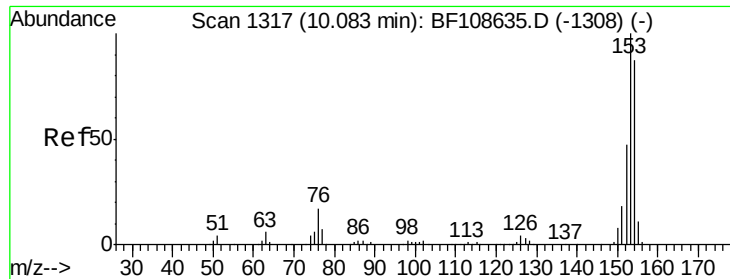
#50
2,6-Dinitrotoluene
Concen: 38.075 ng
RT: 9.84 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:165 Resp: 192485
Ion Ratio Lower Upper
165 100
63 63.3 44.7 67.1
89 57.5 44.0 66.0



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





#51

Acenaphthene

Concen: 37.109 ng

RT: 10.08 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampled :

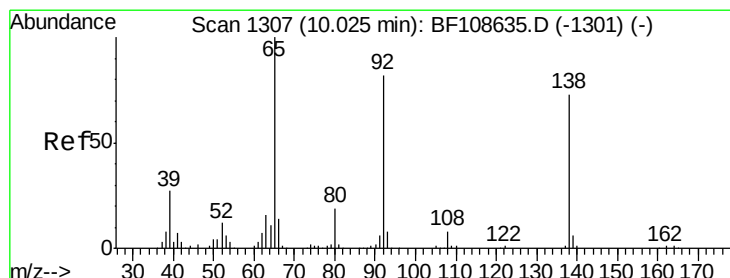
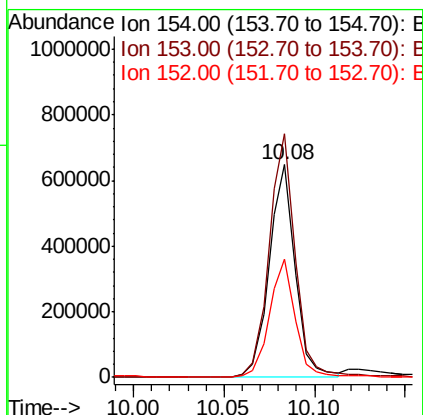
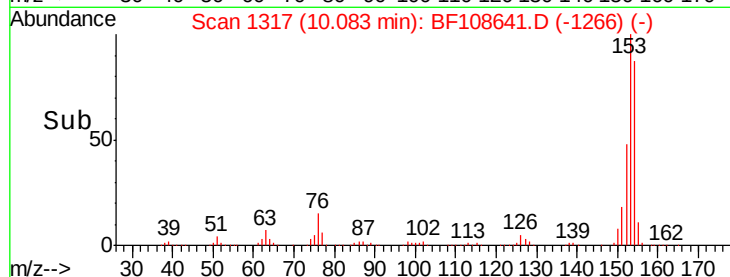
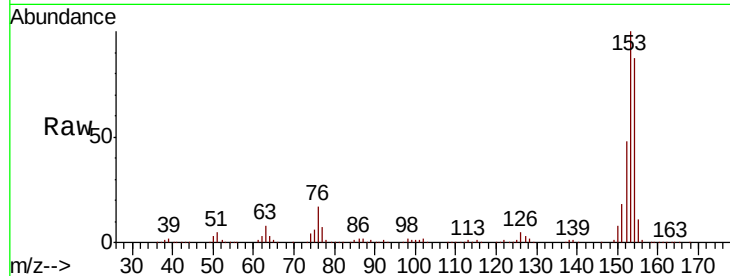
Tot Ion:154 Resp: 644798

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

152 55.3 43.8 65.8



#52

3-Nitroaniline

Concen: 38.252 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

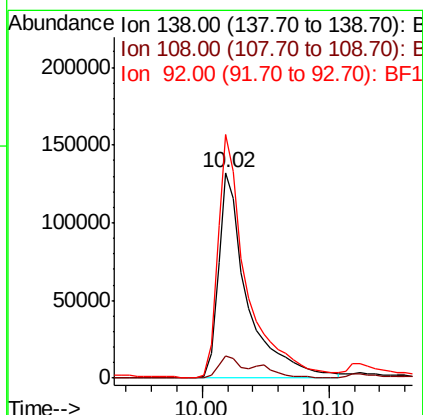
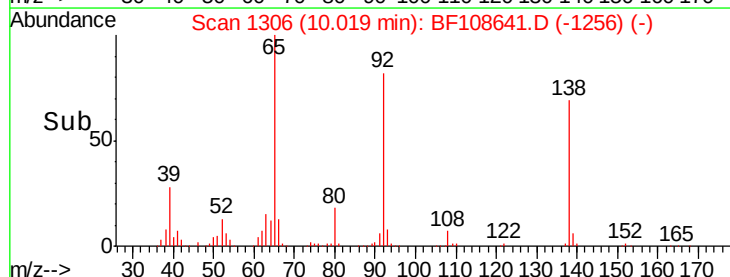
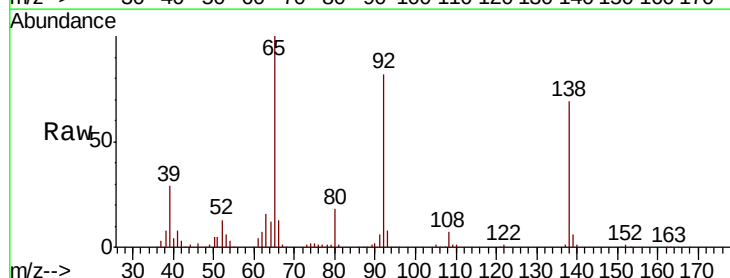
Tgt Ion:138 Resp: 209195

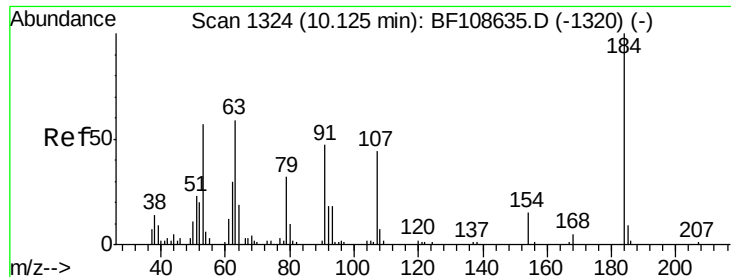
Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

92 118.5 89.4 134.2

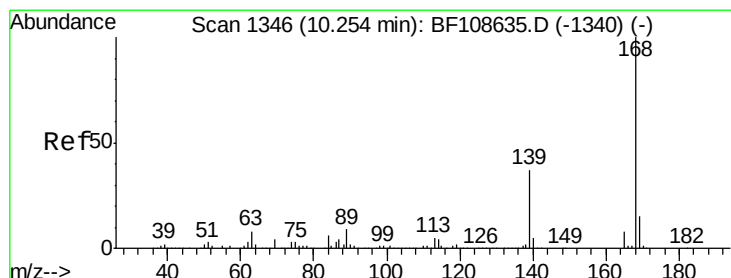
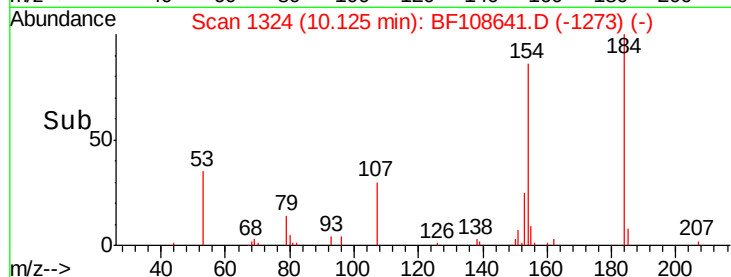
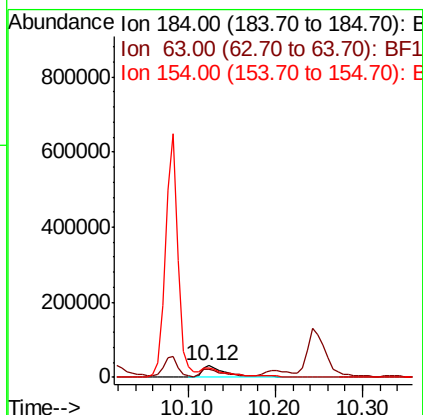
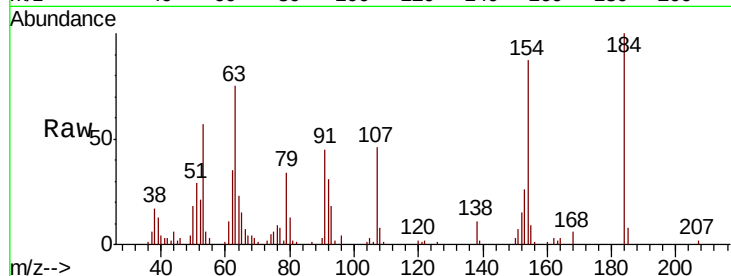




#53
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

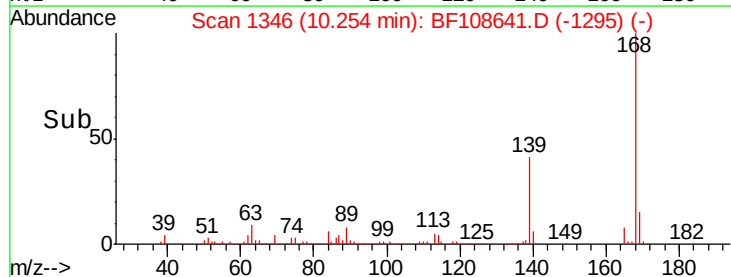
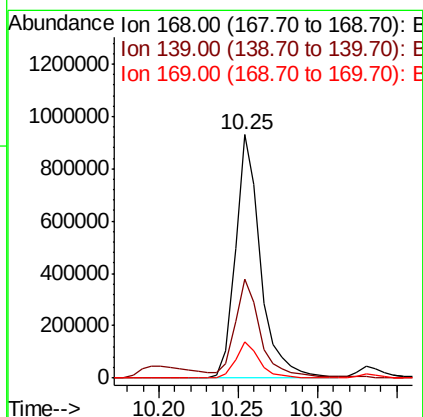
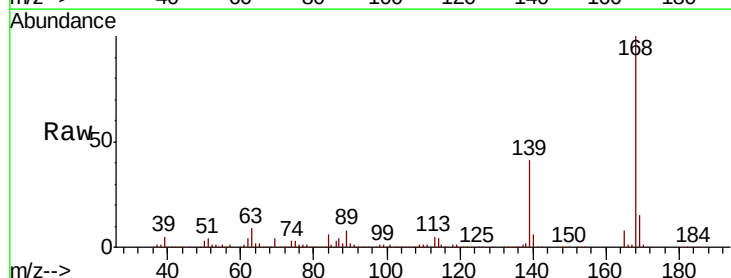
Instrument :
BNA_F
ClientSampled :

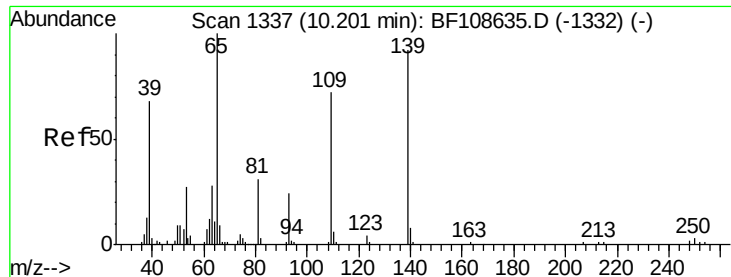
Tot Ion:184 Resp: 66094
Ion Ratio Lower Upper
184 100
63 75.3 54.2 81.2
154 86.9 184.0 276.0#



#54
Dibenzofuran
Concen: 37.447 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:168 Resp: 1018154
Ion Ratio Lower Upper
168 100
139 40.9 30.1 45.1
169 14.8 10.9 16.3

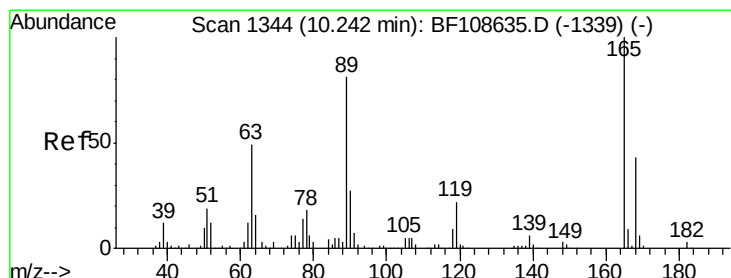
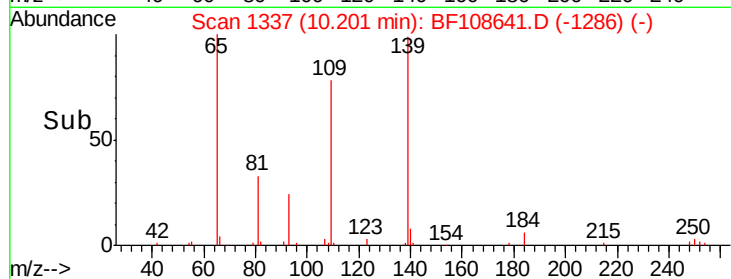
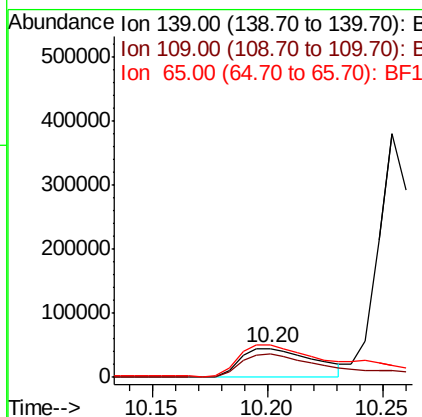
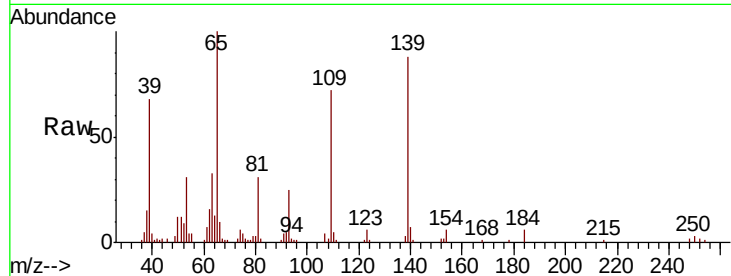




#55
4-Nitrophenol
Concen: 31.829 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

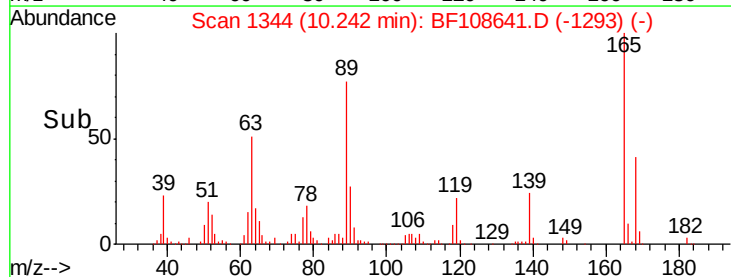
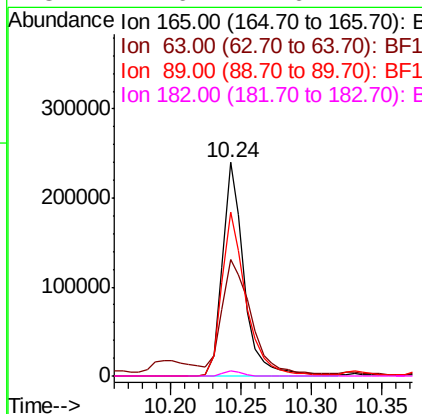
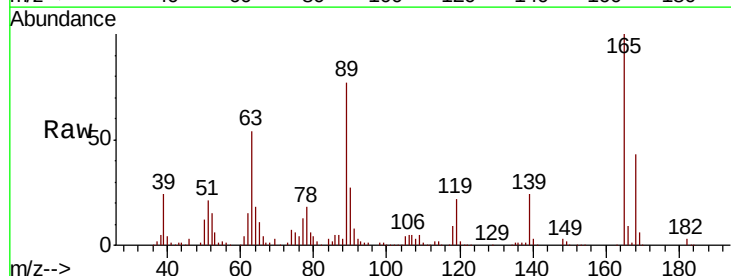
Instrument :
BNA_F
ClientSampled :

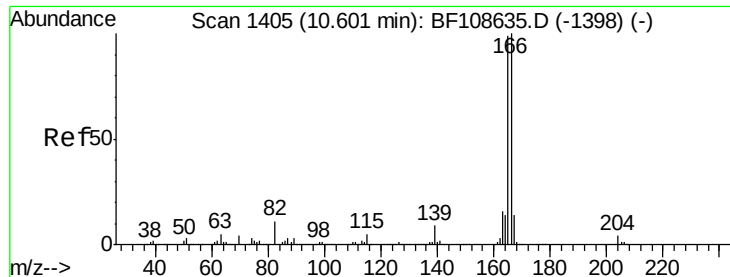
Tot Ion:139 Resp: 100417
Ion Ratio Lower Upper
139 100
109 81.8 48.4 88.4
65 113.2 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 38.165 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:165 Resp: 255466
Ion Ratio Lower Upper
165 100
63 54.3 36.4 54.6
89 76.9 57.8 86.6
182 2.6 1.6 2.4#

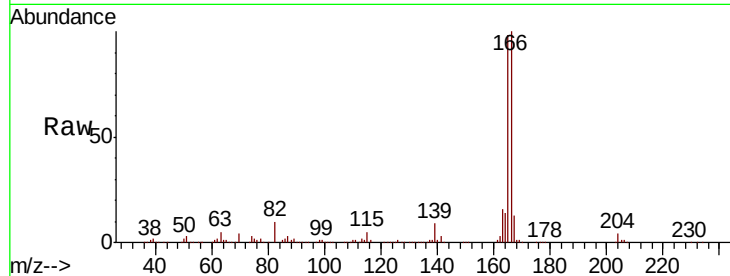




#57
 Fluorene
 Concen: 37.285 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	13.4	10.6	16.0

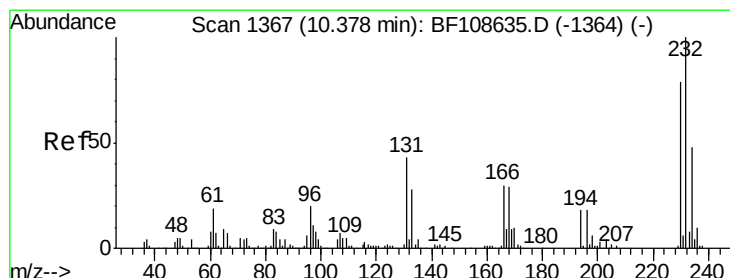
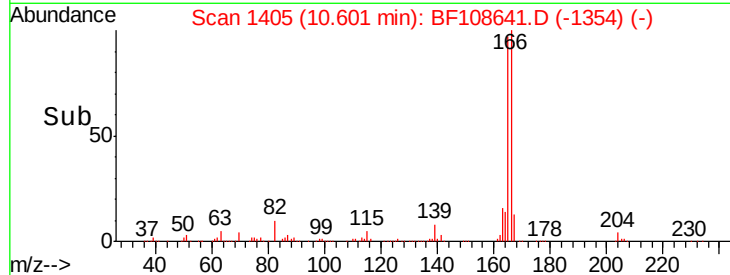
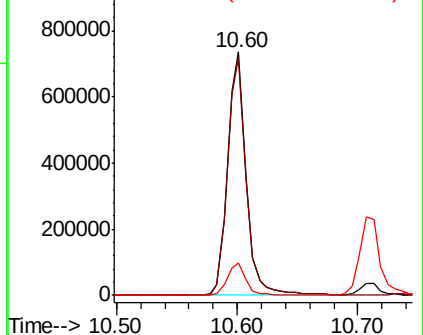


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.862 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.5	43.8	65.8#
130	2.2	2.1	3.1
166	26.7	27.8	41.6#

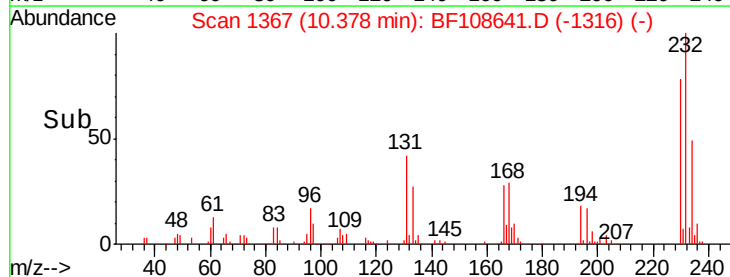
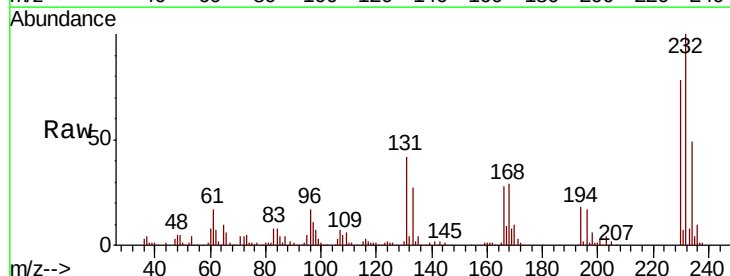
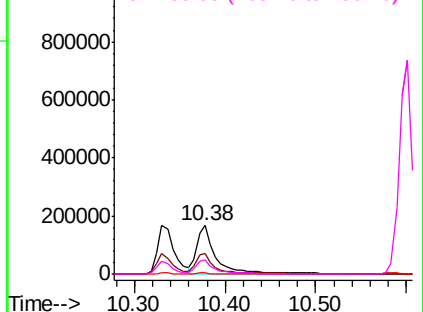
Abundance

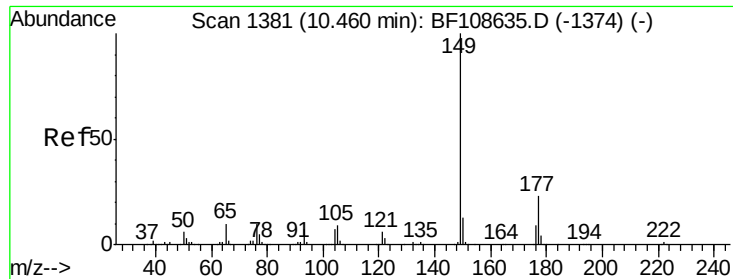
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

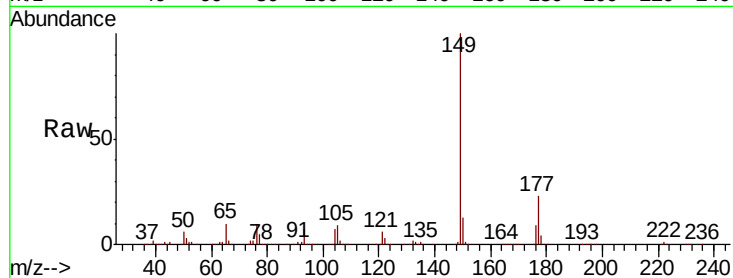




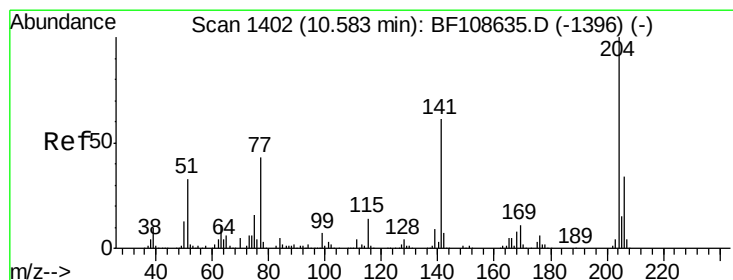
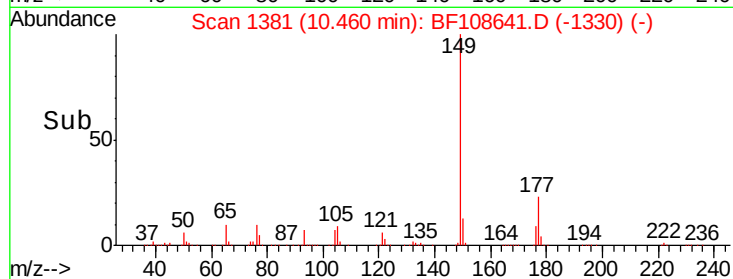
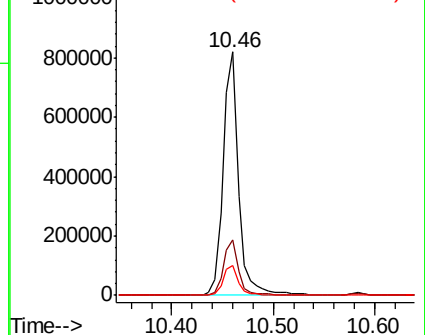
#59
Diethylphthalate
Concen: 37.546 ng
RT: 10.46 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 867573
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 12.5 10.1 15.1

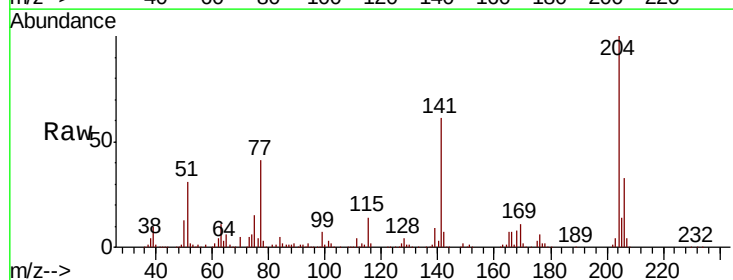


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

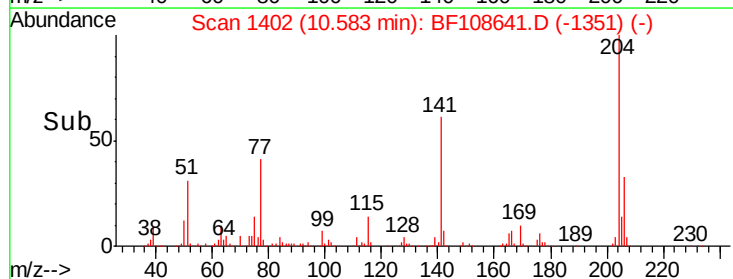
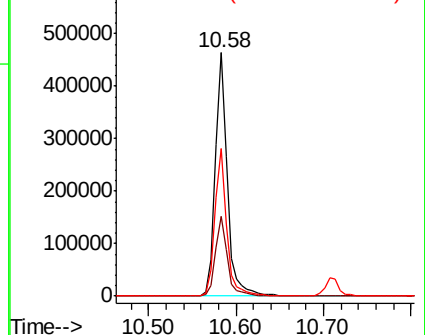


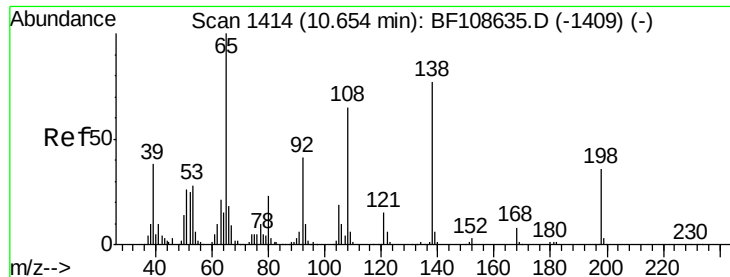
#60
4-Chlorophenyl-phenylether
Concen: 37.450 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:204 Resp: 447782
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 60.8 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

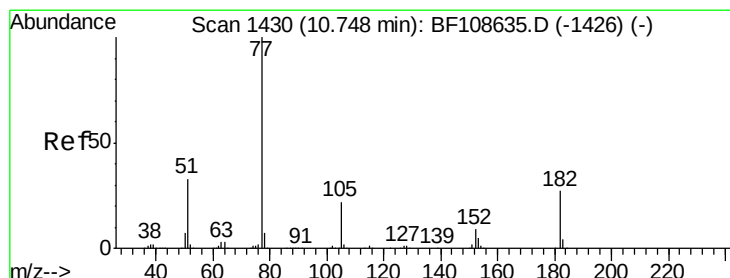
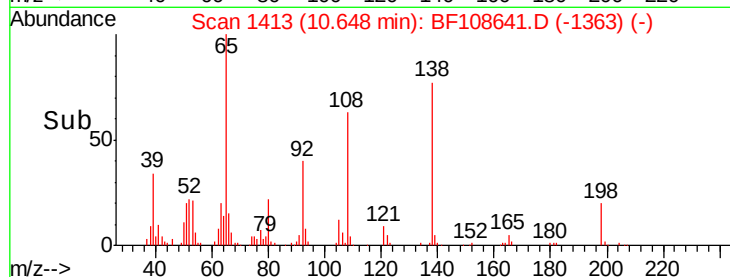
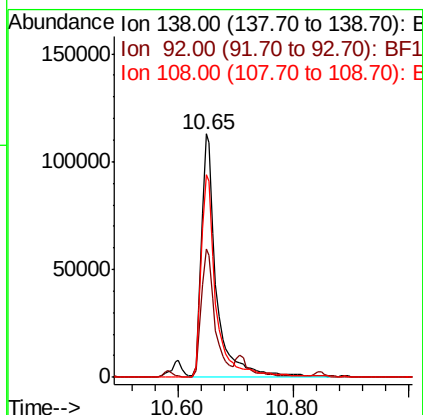
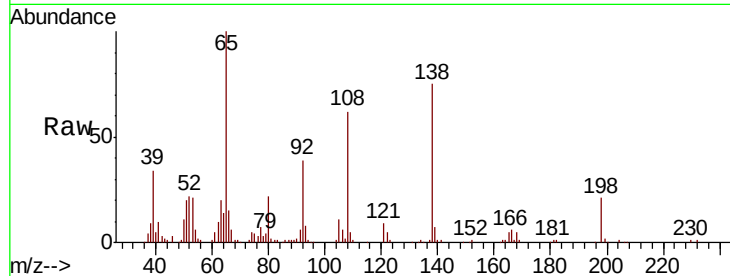




#61
4-Nitroaniline
Concen: 38.570 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

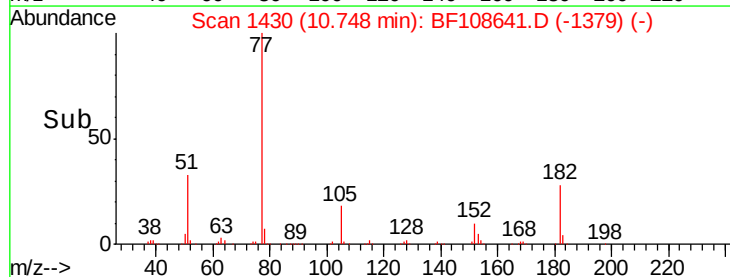
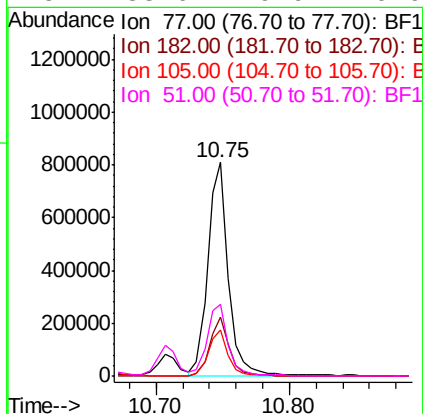
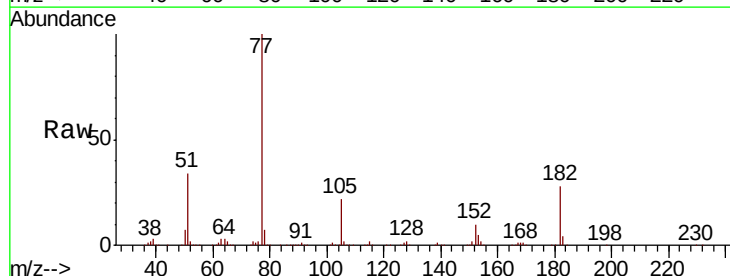
Instrument :
BNA_F
ClientSampled :

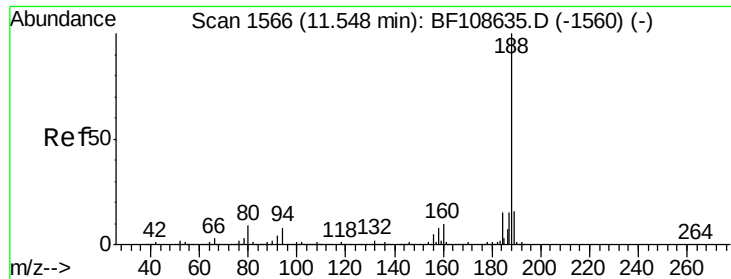
Tot Ion:138 Resp: 204118
Ion Ratio Lower Upper
138 100
92 52.9 30.2 70.2
108 83.1 52.5 92.5



#62
Azobenzene
Concen: 37.177 ng
RT: 10.75 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion: 77 Resp: 853843
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 21.5 3.0 43.0
51 33.6 9.9 49.9

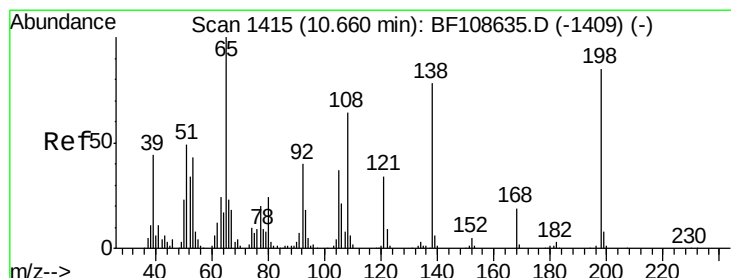
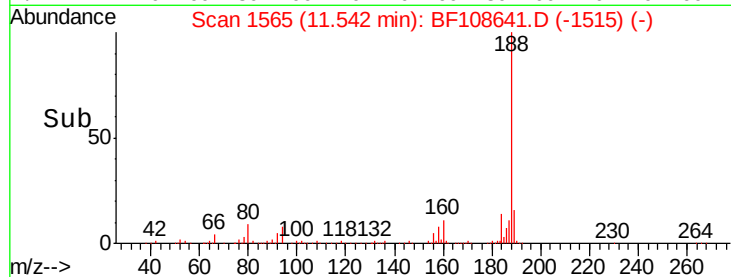
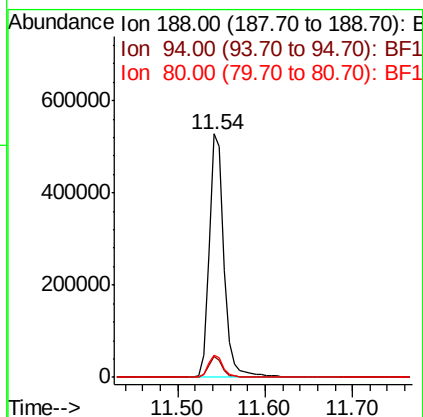
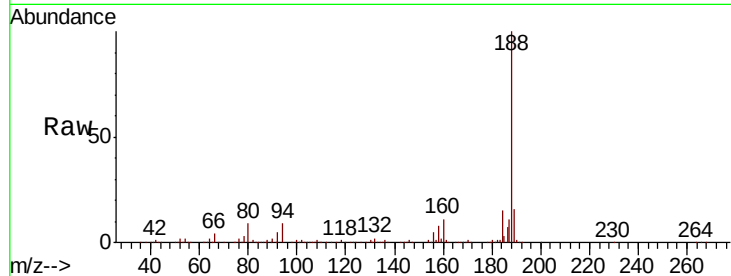




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

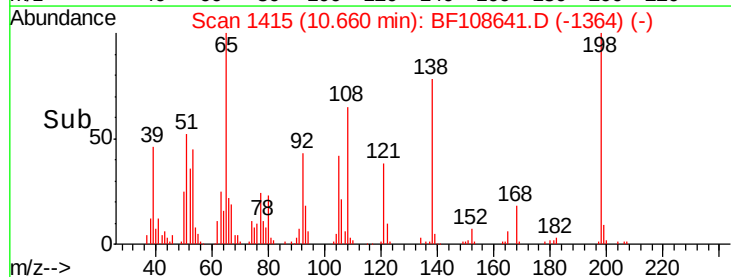
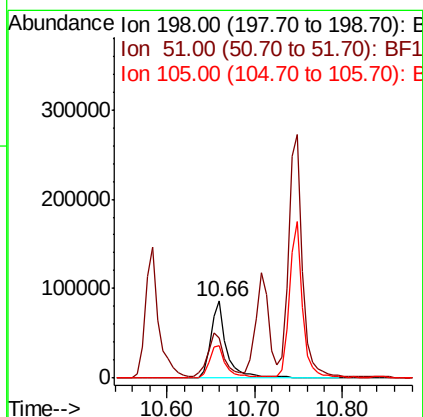
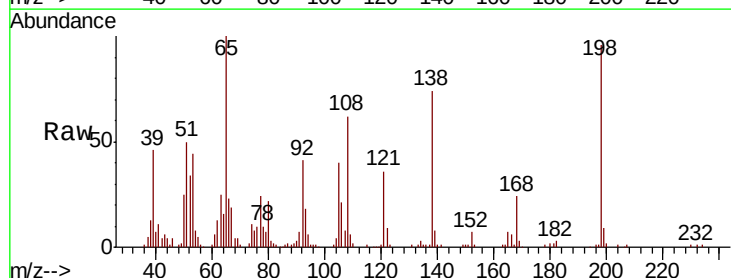
Instrument :
 BNA_F
 ClientSampleId :

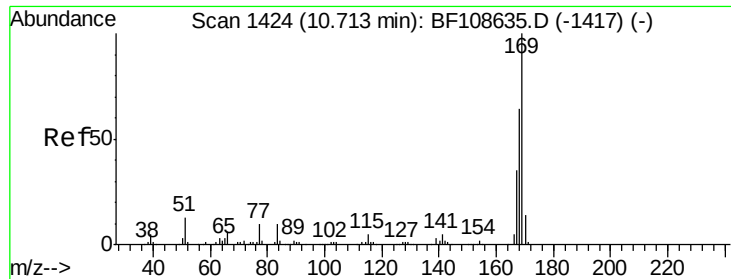
Tot Ion:188 Resp: 617233
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.169 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion:198 Resp: 107274
 Ion Ratio Lower Upper
 198 100
 51 52.0 37.7 77.7
 105 41.4 36.3 76.3

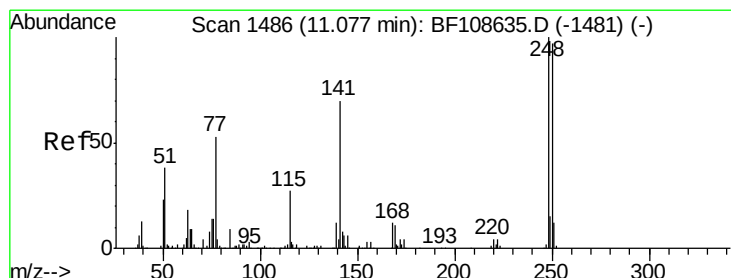
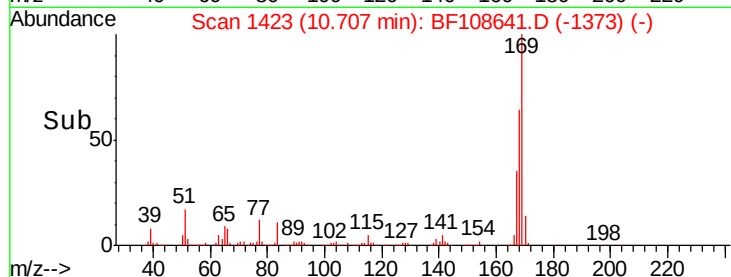
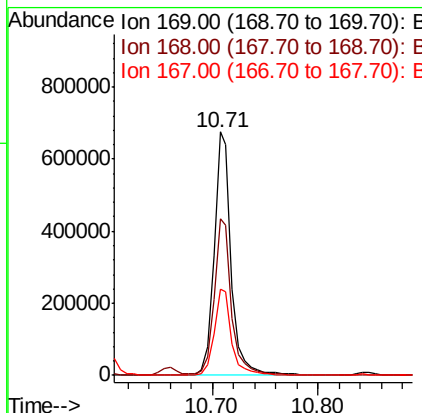
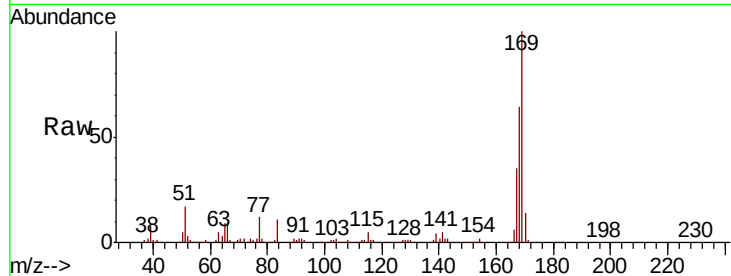




#65
 n-Nitrosodiphenylamine
 Concen: 37.380 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

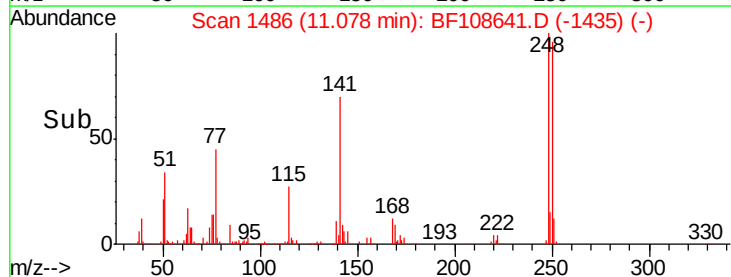
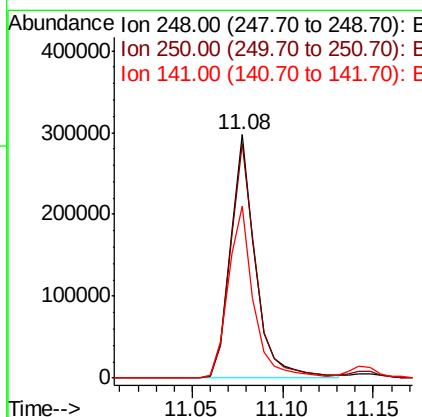
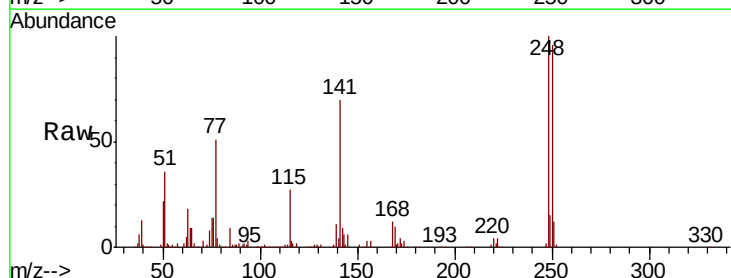
Instrument :
 BNA_F
 ClientSampleId :

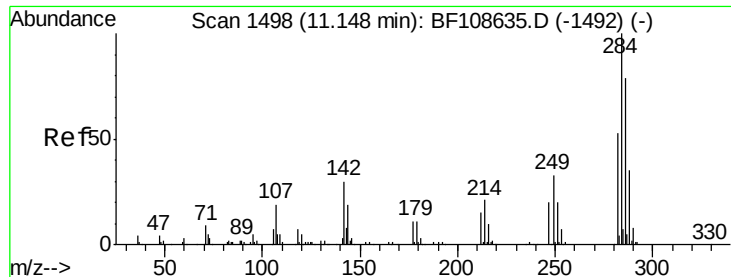
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	35.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.841 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	70.5	74.4	111.6#





#67

Hexachlorobenzene

Concen: 38.088 ng

RT: 11.15 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

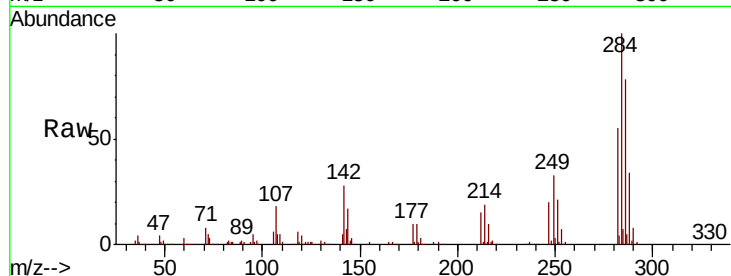
Tot Ion:284 Resp: 311286

Ion Ratio Lower Upper

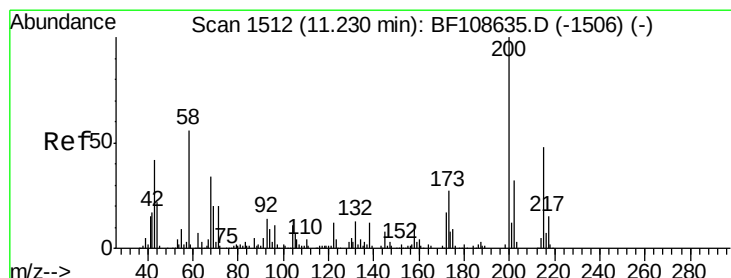
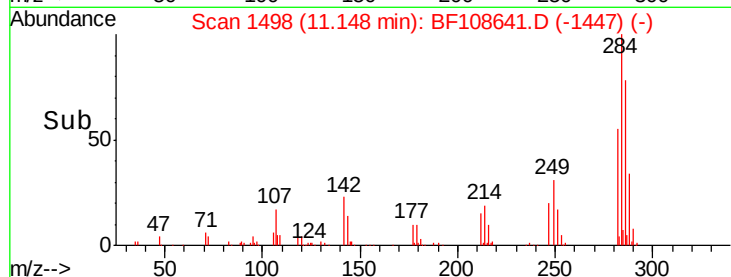
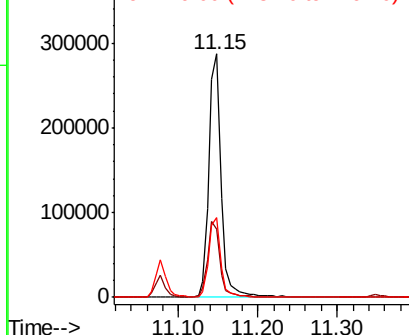
284 100

142 27.9 34.6 52.0#

249 32.6 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: 36.862 ng

RT: 11.23 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

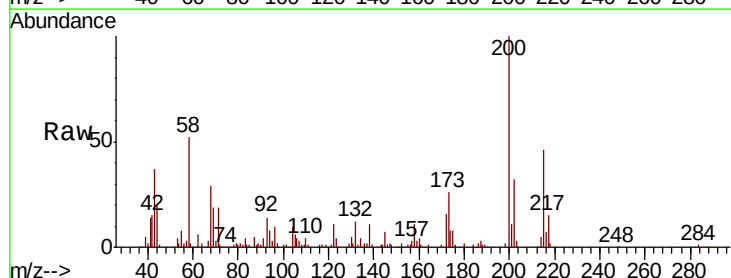
Tgt Ion:200 Resp: 224764

Ion Ratio Lower Upper

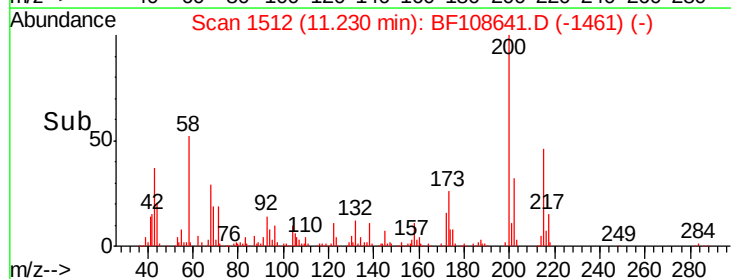
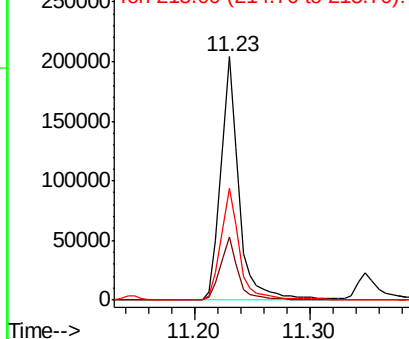
200 100

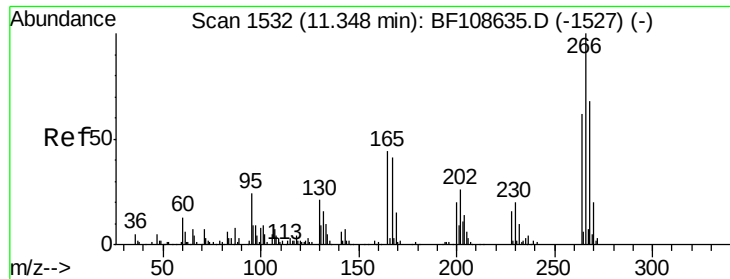
173 25.9 8.6 48.6

215 45.8 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

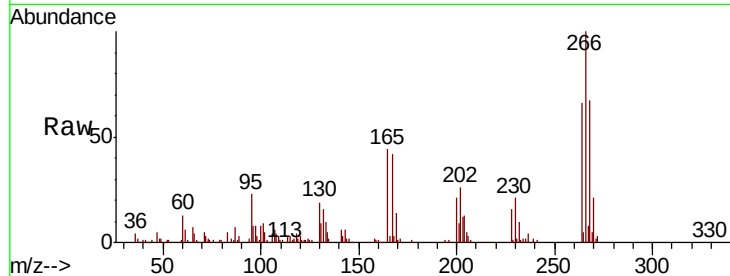




#69
 Pentachlorophenol
 Concen: 40.374 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	51.1	76.7
264	66.0	49.5	74.3

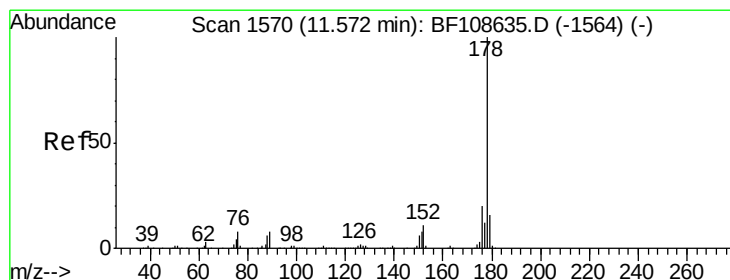
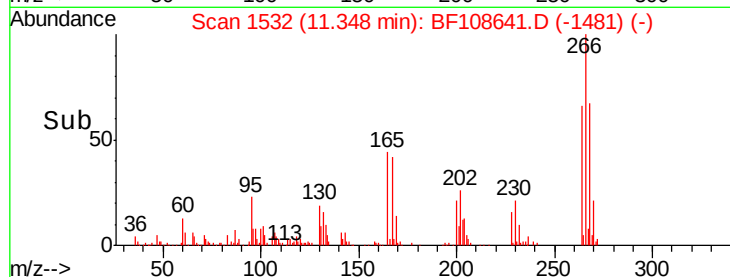
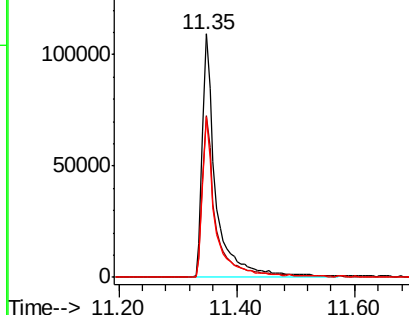


Abundance

Ion 265.70 (265.40 to 266.40): E

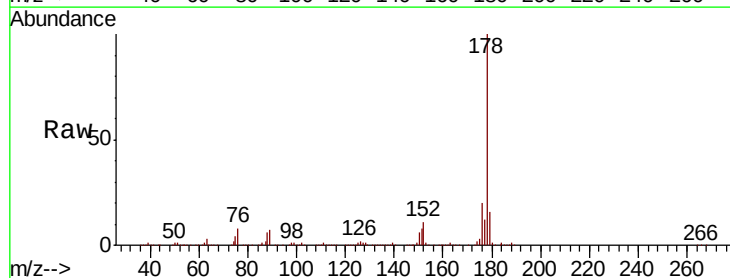
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.731 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.9	13.0	19.6

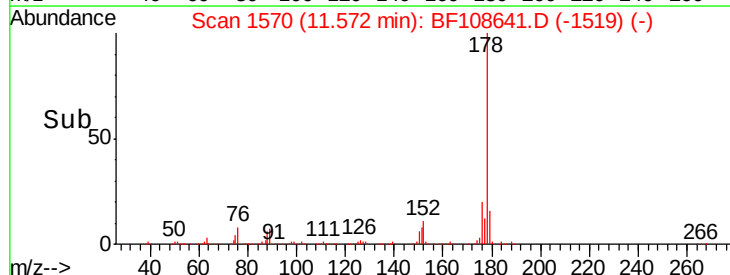
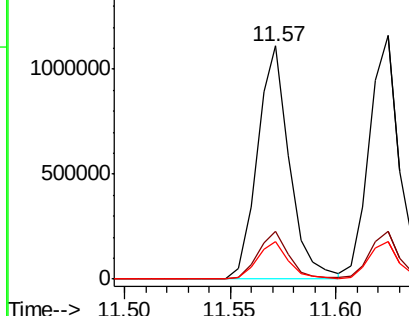


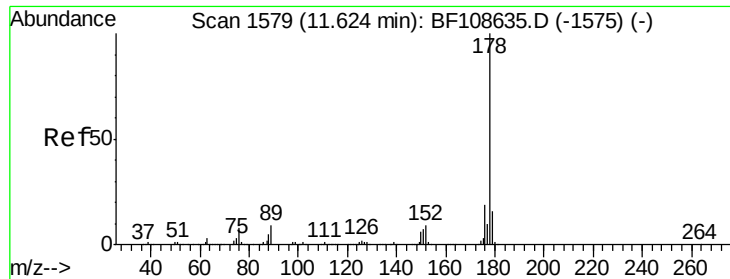
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

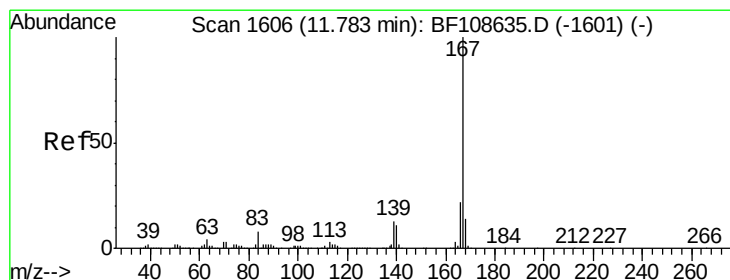
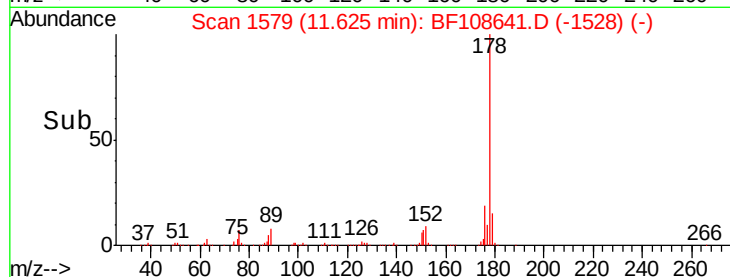
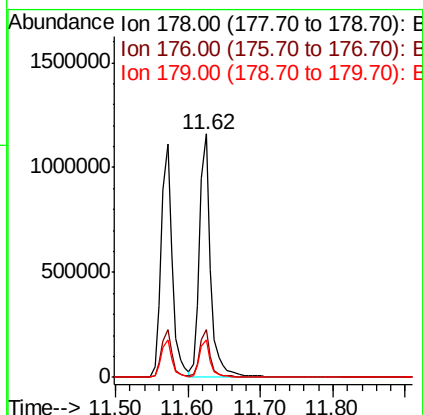
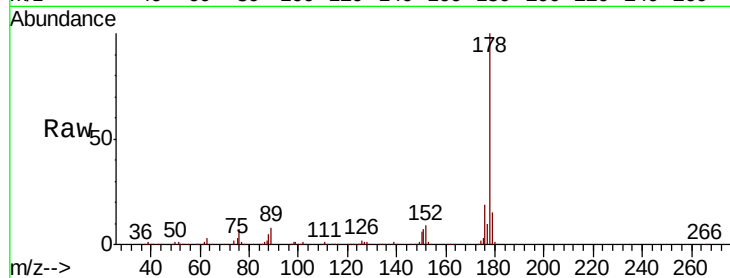




#71
 Anthracene
 Concen: 37.805 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

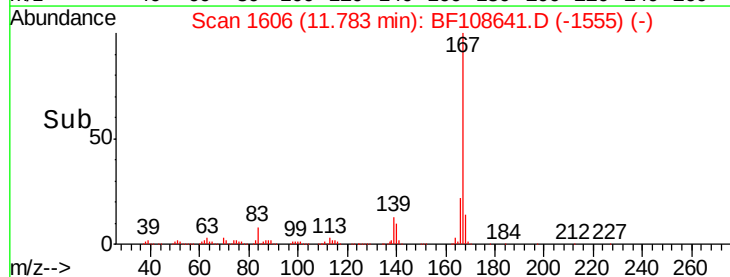
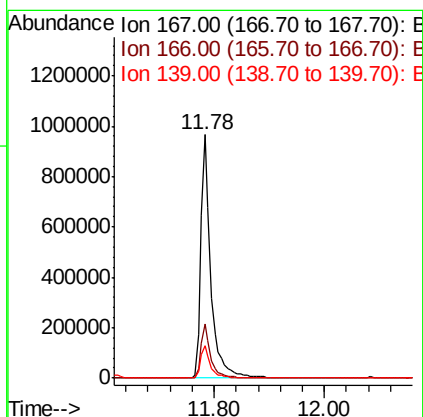
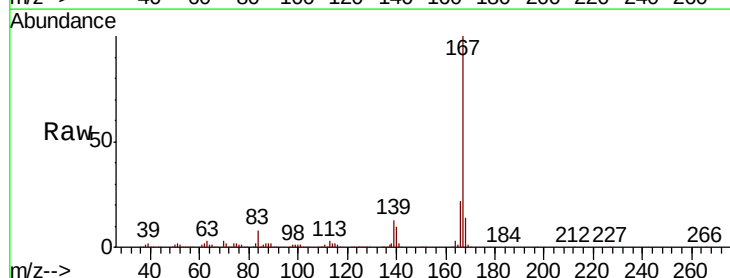
Instrument :
 BNA_F
 ClientSampleId :

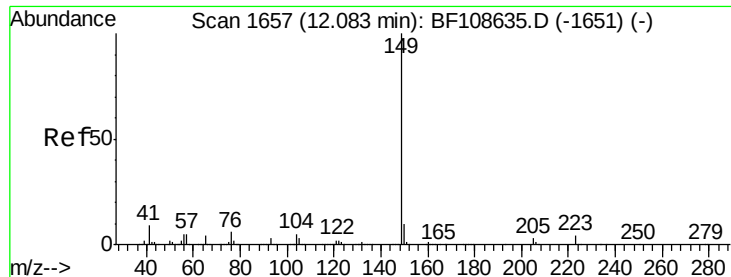
Tot Ion:178 Resp: 1237544
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 38.127 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion:167 Resp: 1206837
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.400 ng

RT: 12.08 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

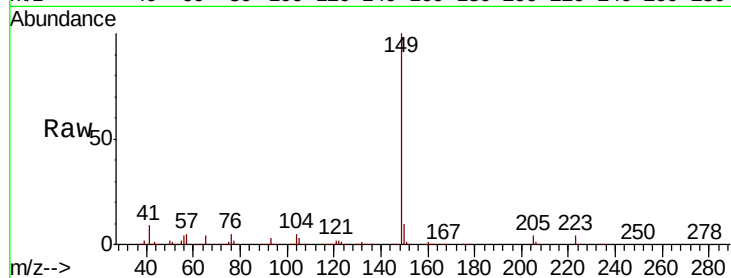
Tot Ion:149 Resp: 1362007

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

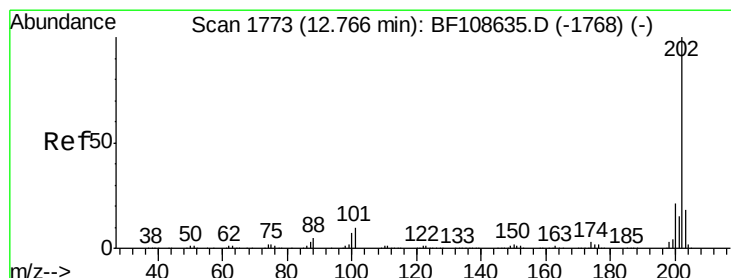
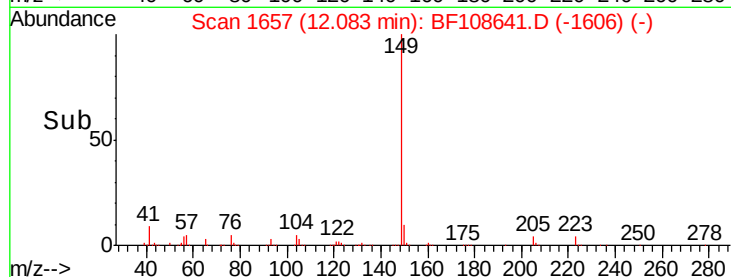
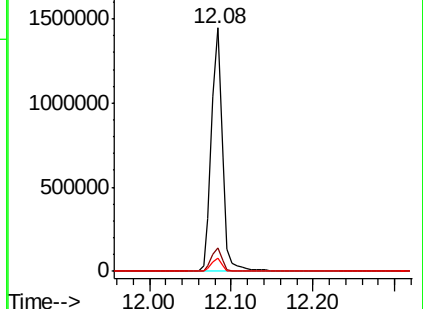
104 5.4 3.8 5.8



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: 37.896 ng

RT: 12.77 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

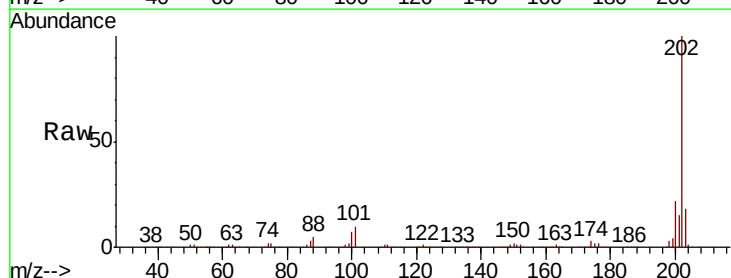
Tgt Ion:202 Resp: 1328968

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.1

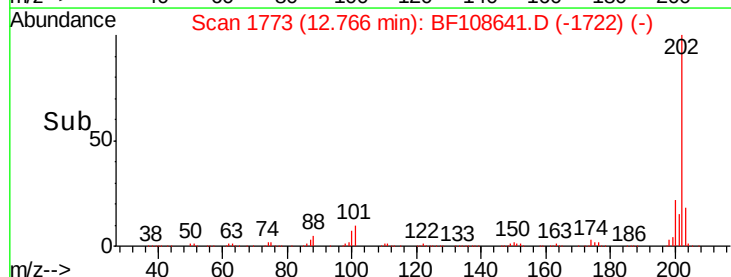
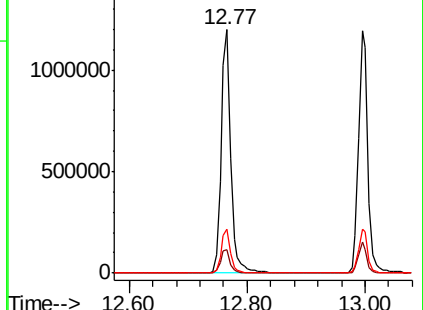
203 17.8 0.0 38.1

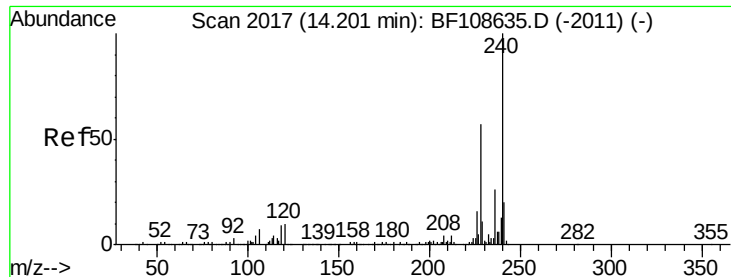


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

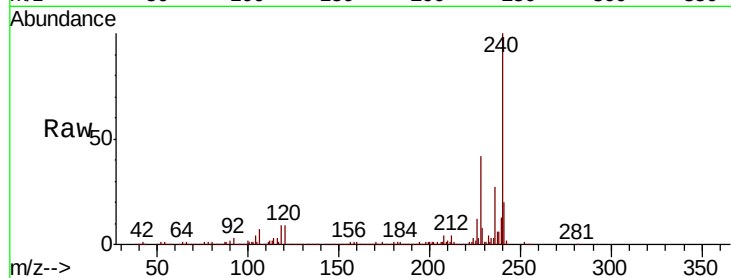
Tot Ion:240 Resp: 466022

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

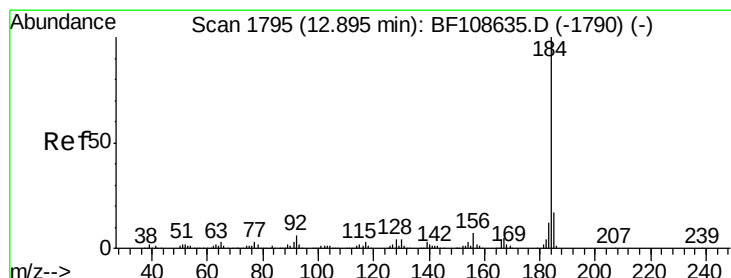
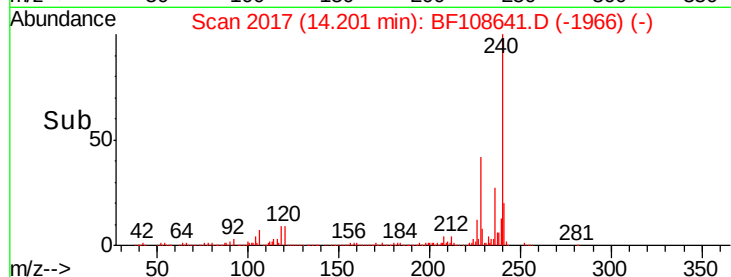
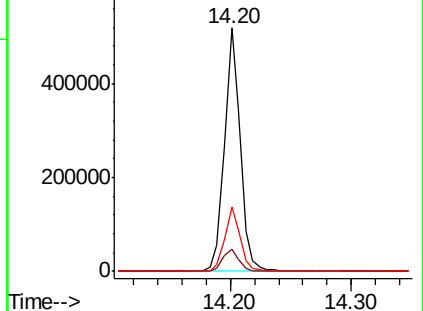
236 26.5 20.7 31.1



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: 45.717 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

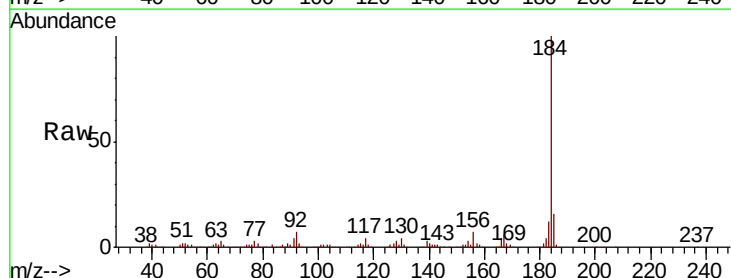
Tgt Ion:184 Resp: 599716

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

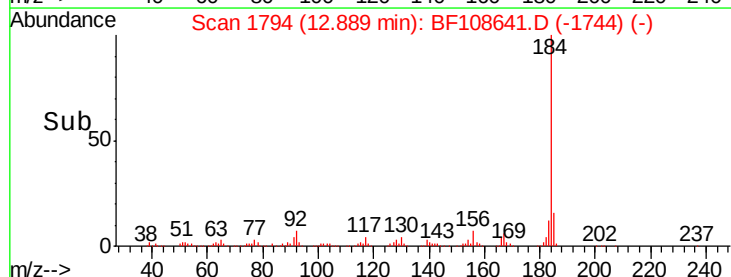
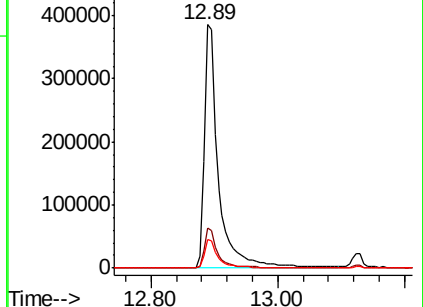
183 12.0 9.3 13.9

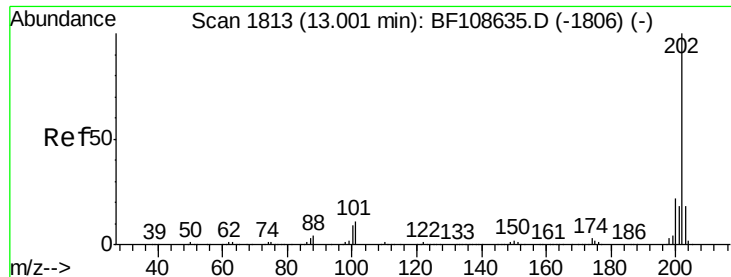


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



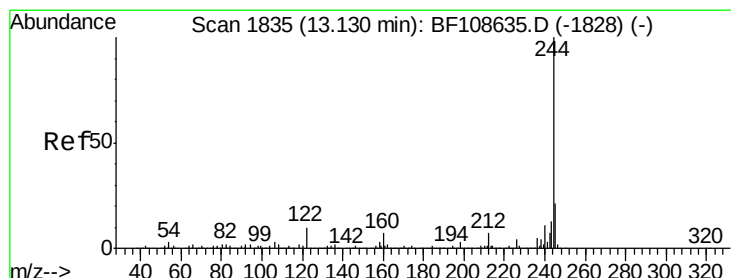
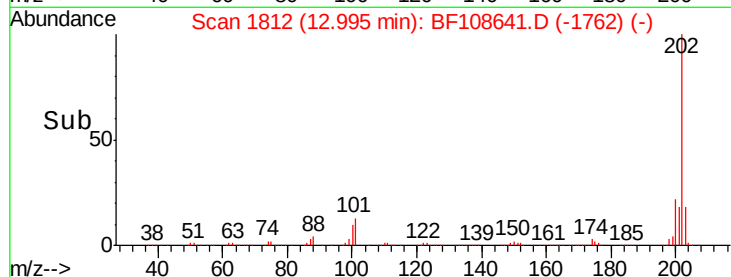
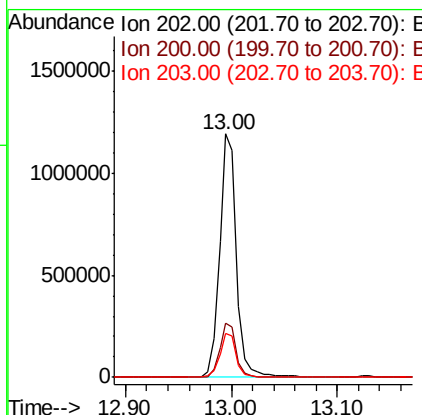
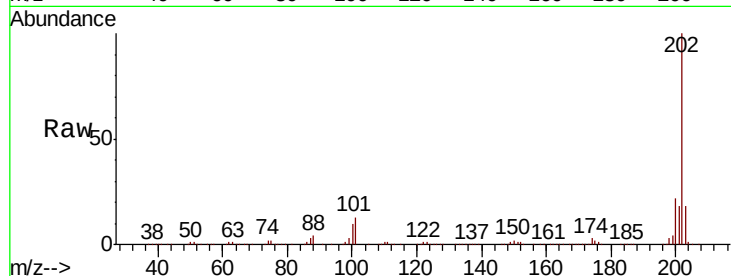


#77
Pvrene
Concen: 37.888 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1327276

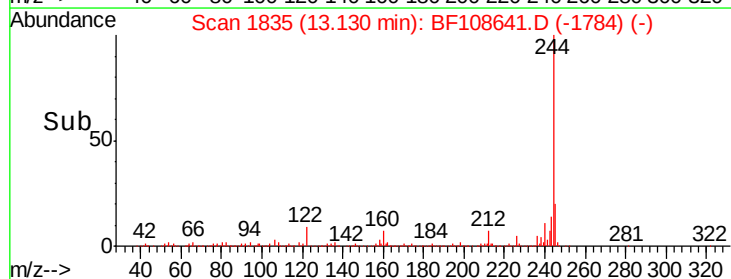
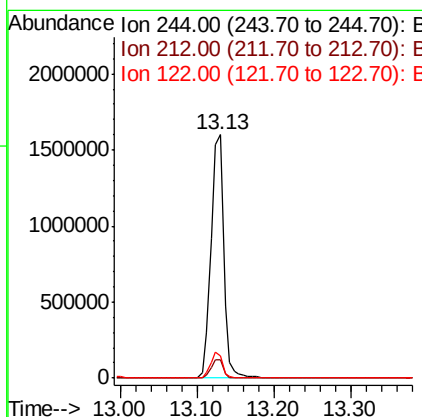
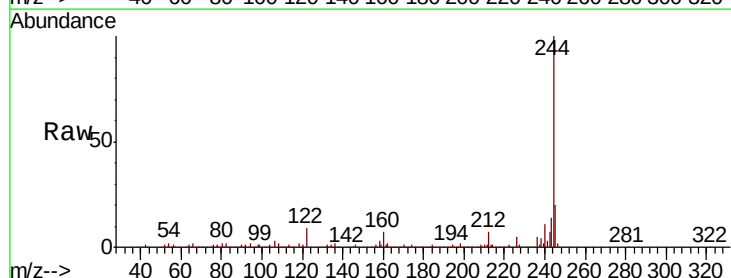
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.2	14.3	21.5

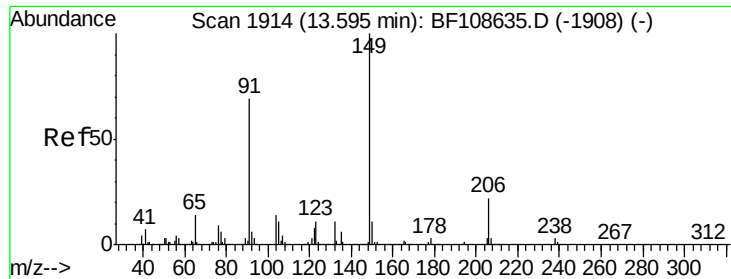


#78
Terphenyl-d14
Concen: 75.507 ng
RT: 13.13 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:244 Resp: 1811061

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.2	11.0	16.4

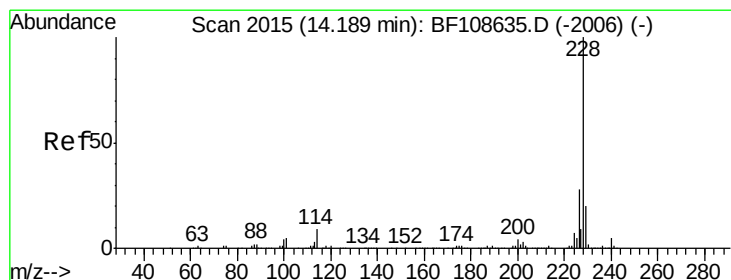
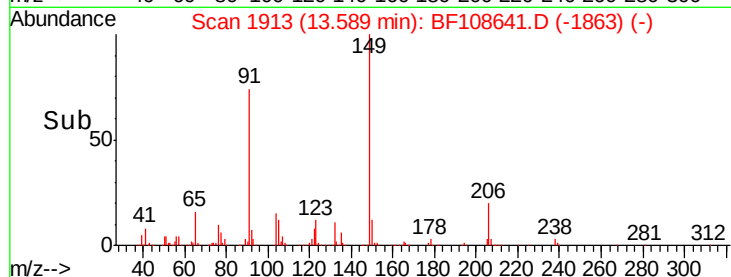
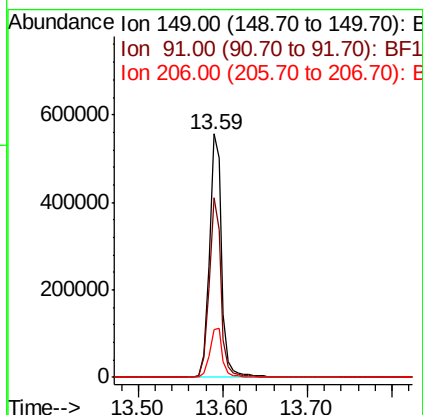
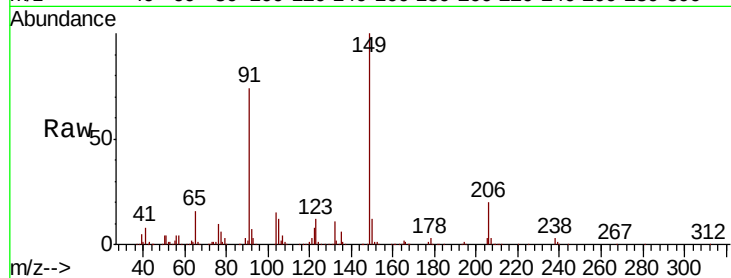




#79
Butylbenzylphthalate
Concen: 38.636 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

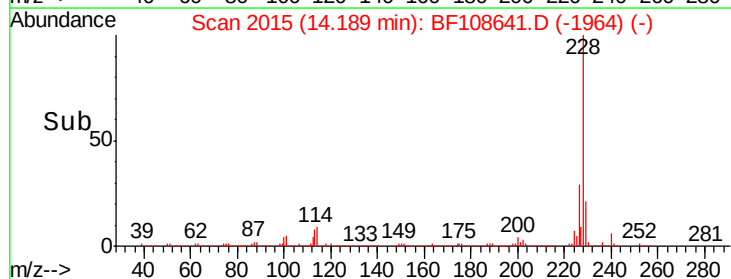
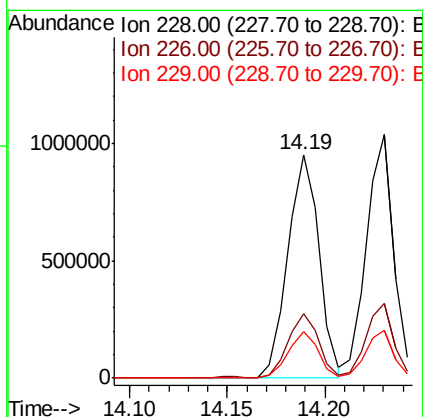
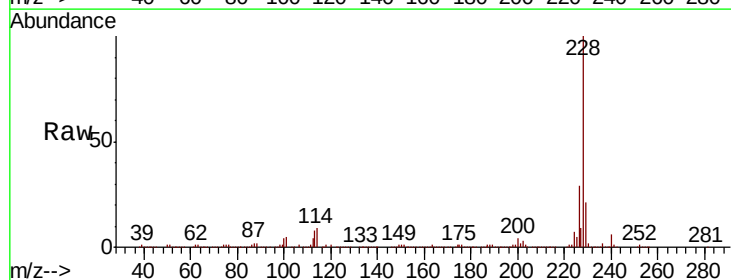
Instrument :
BNA_F
ClientSampleId :

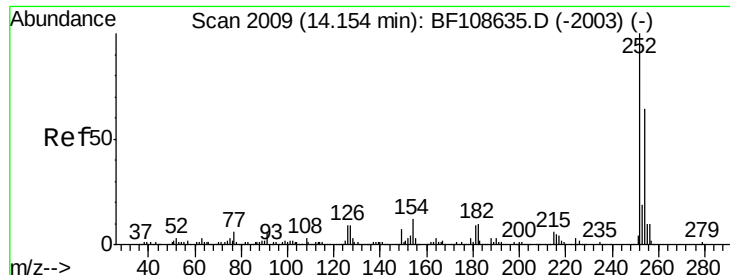
Tot Ion:149 Resp: 569141
Ion Ratio Lower Upper
149 100
91 73.7 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.036 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:228 Resp: 1052175
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.6 15.8 23.6

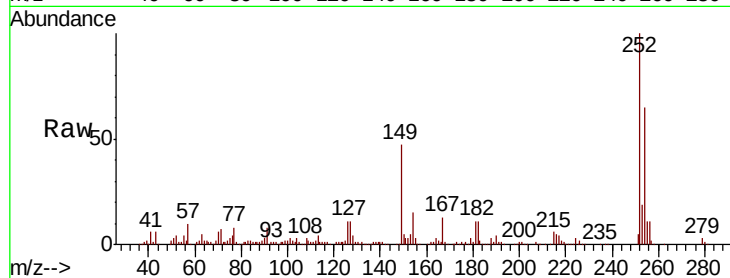




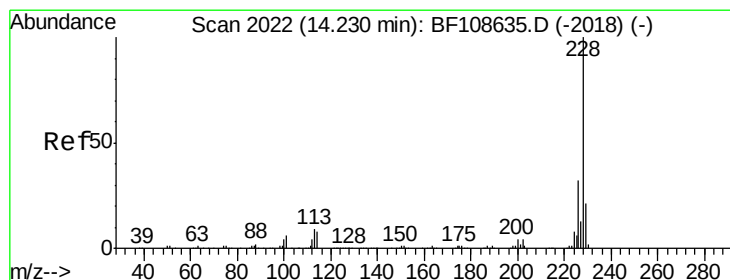
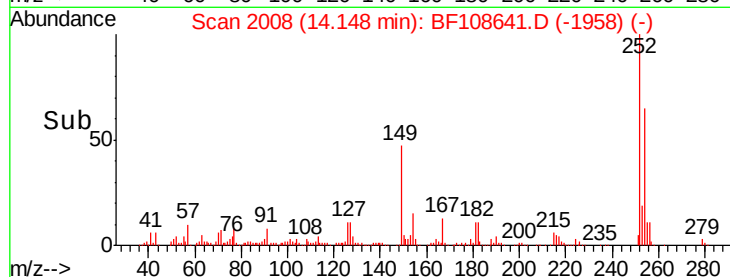
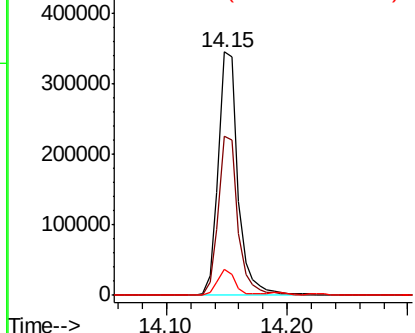
#81
 3,3'-Dichlorobenzidine
 Concen: 37.913 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 390616
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 10.6 11.3 16.9#

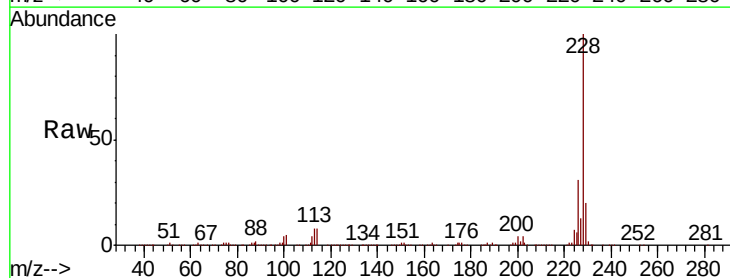


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

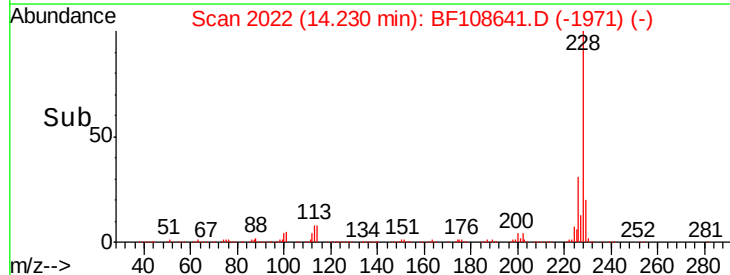
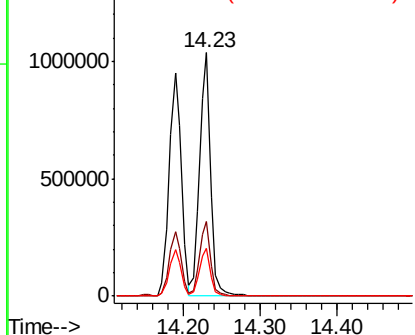


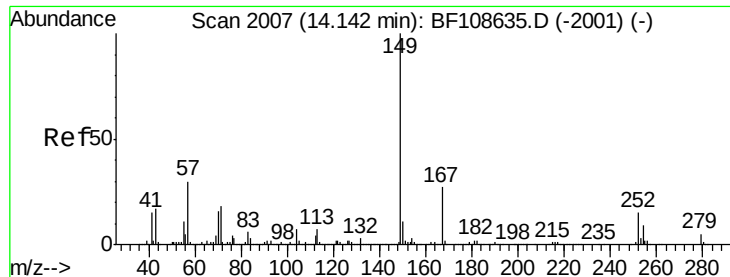
#82
 Chrysene
 Concen: 37.890 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Tgt Ion:228 Resp: 1035200
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.210 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

Instrument :

BNA_F

ClientSampleId :

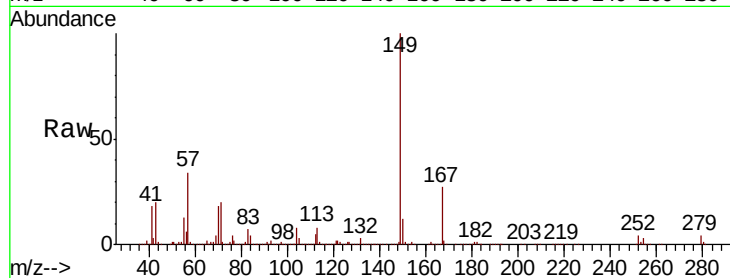
Tot Ion:149 Resp: 723487

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

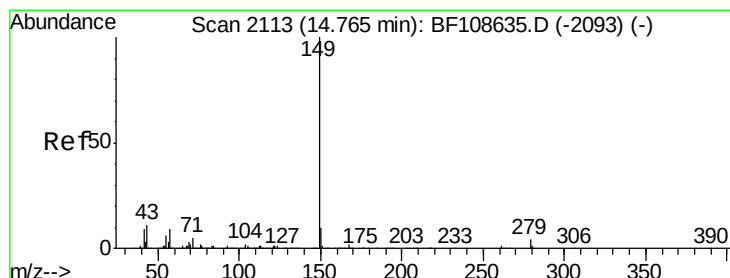
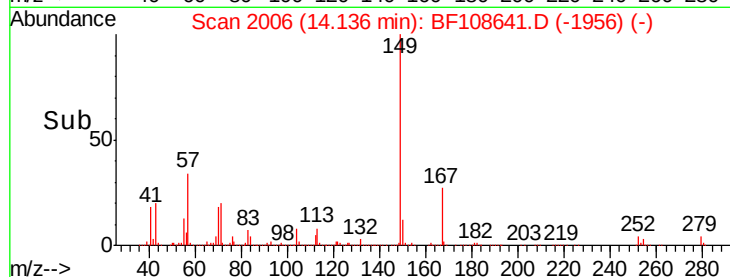
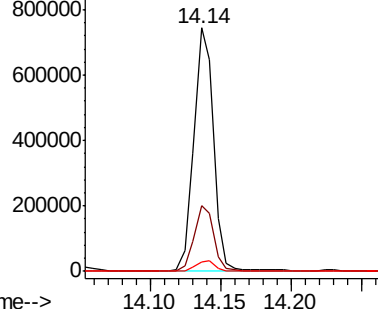
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.450 ng

RT: 14.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF108641.D

Acq: 30 Aug 2018 15:31

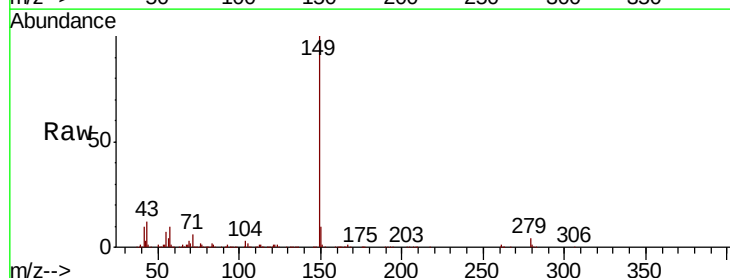
Tgt Ion:149 Resp: 1070387

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

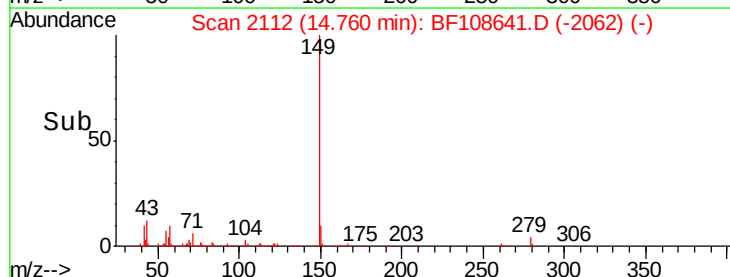
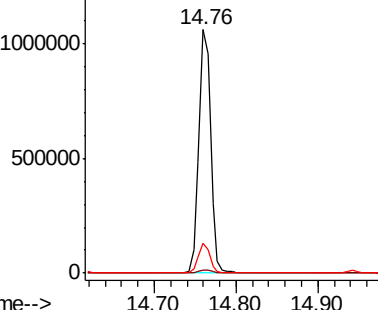
43 11.8 8.4 12.6

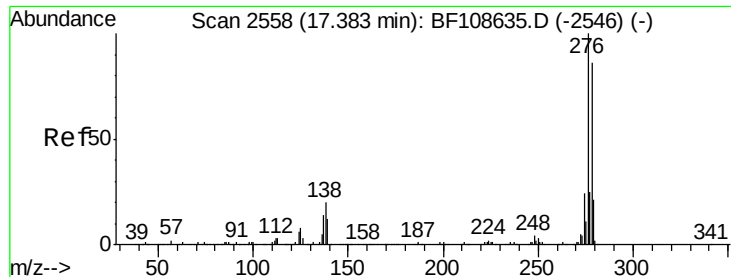


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

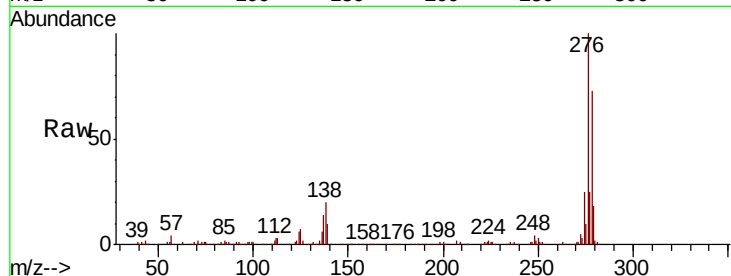




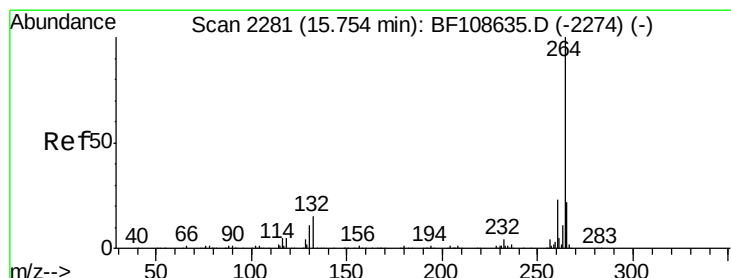
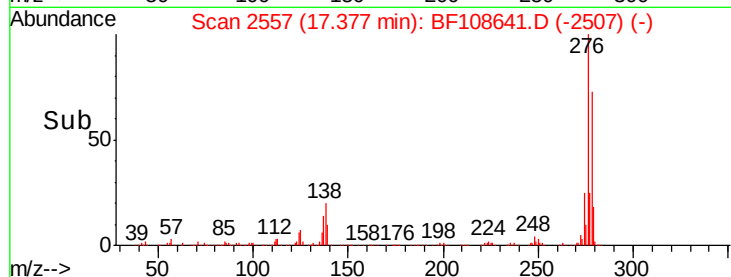
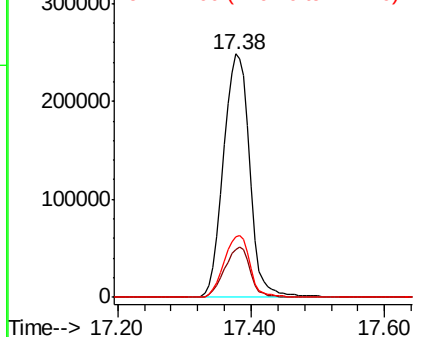
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.416 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	25.0	37.6#
277	25.2	20.1	30.1

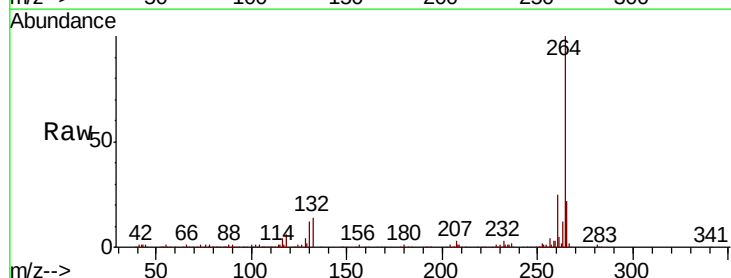


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

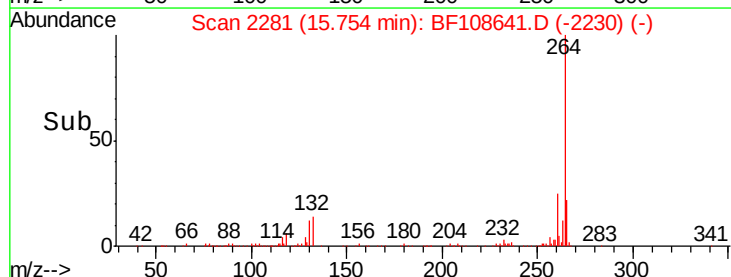
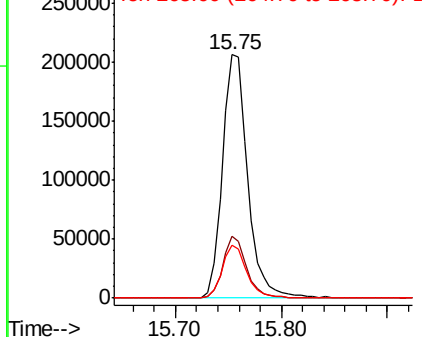


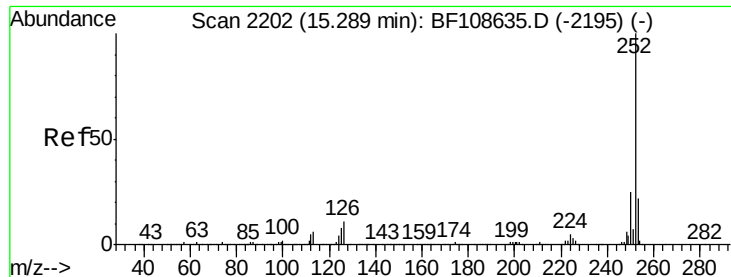
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.0	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

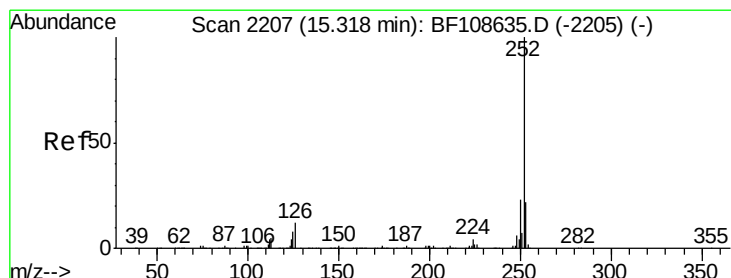
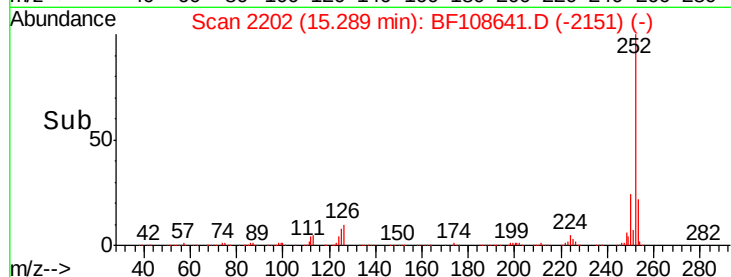
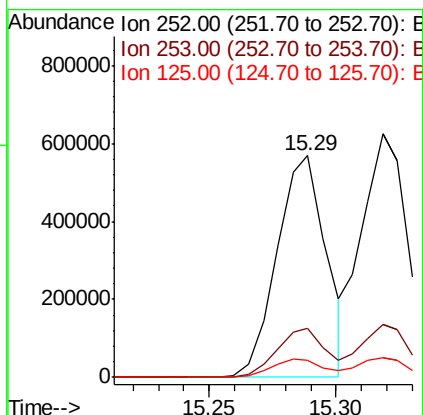
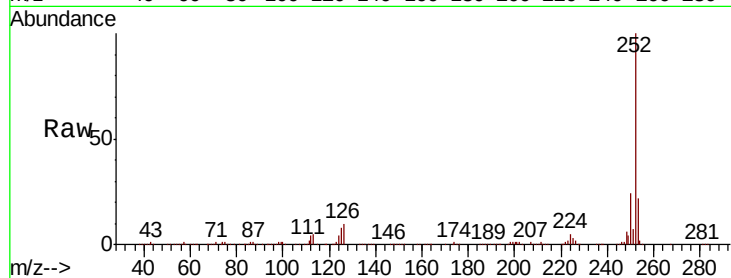




#87
Benzo(b)fluoranthene
Concen: 36.551 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

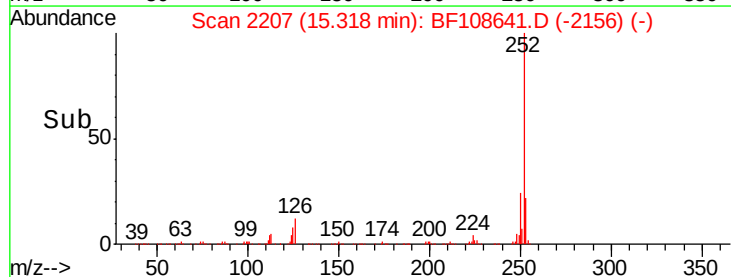
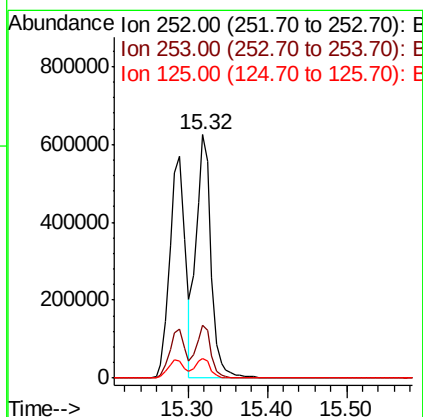
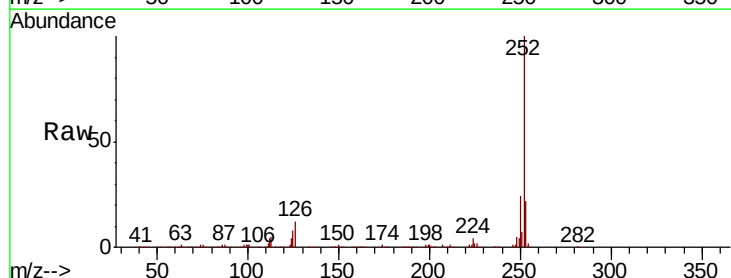
Instrument :
BNA_F
ClientSampleId :

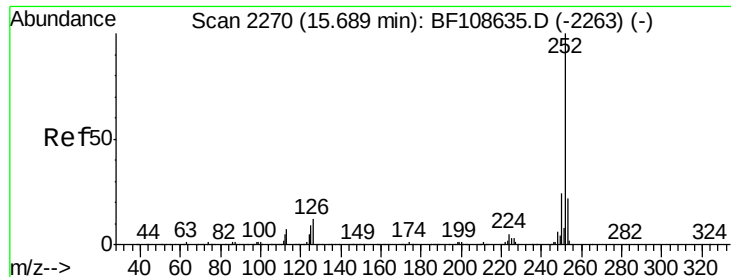
Tot Ion:252 Resp: 768951
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 7.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 39.839 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:252 Resp: 830261
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 8.2 10.2 15.2#

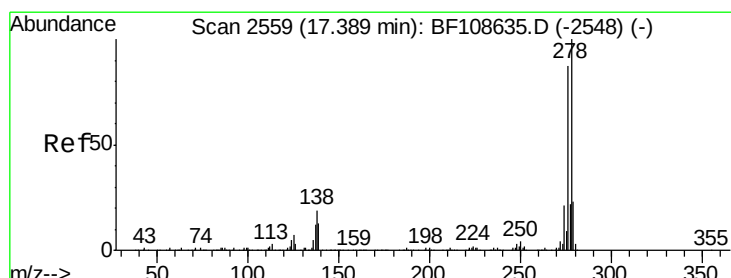
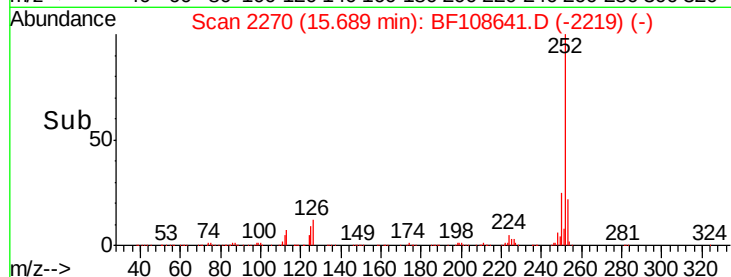
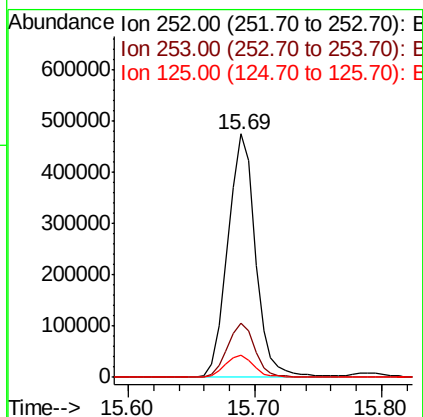
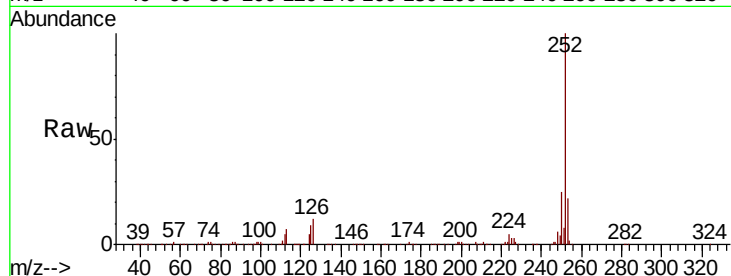




#89
Benzo(a)pyrene
Concen: 37.680 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

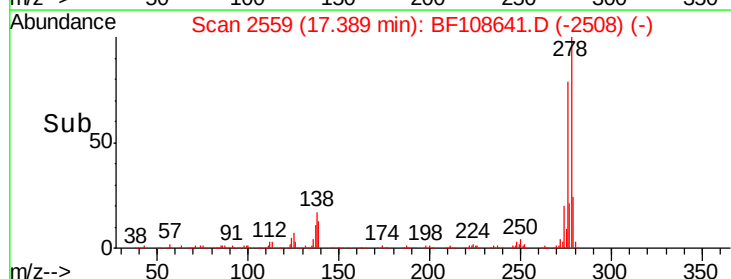
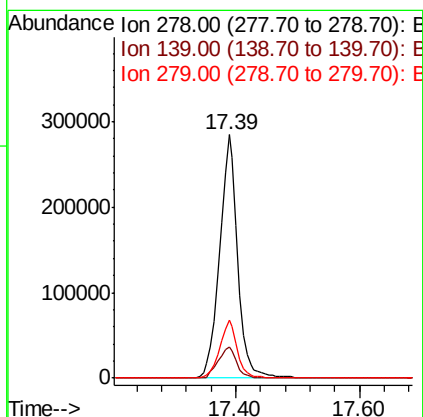
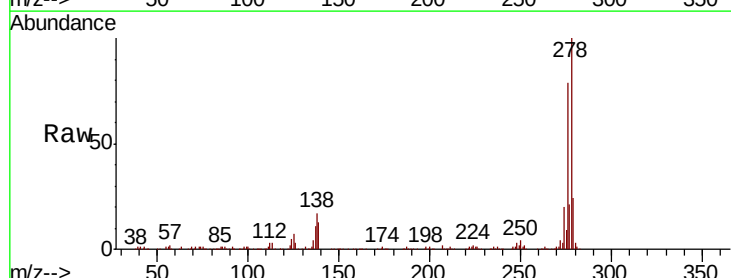
Instrument :
BNA_F
ClientSampleId :

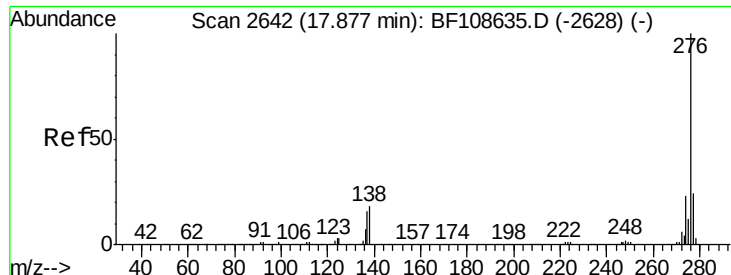
Tot Ion:252 Resp: 716377
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.1 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 38.014 ng
RT: 17.39 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF108641.D
Acq: 30 Aug 2018 15:31

Tgt Ion:278 Resp: 577219
Ion Ratio Lower Upper
278 100
139 13.0 15.9 23.9#
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.326 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF108641.D
 Acq: 30 Aug 2018 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	17.8	21.8	32.8

