

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108635.D
 Acq On : 30 Aug 2018 12:07
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 12:41:26 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 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	126959	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535632	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	280274	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	593078	20.00	ng	0.00
75) Chrysene-d12	14.20	240	443364	20.00	ng	0.00
86) Perylene-d12	15.75	264	318107	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	580628	82.80	ng	0.00
7) Phenol-d6	6.65	99	835167	89.62	ng	0.00
23) Nitrobenzene-d5	7.57	82	844636	87.99	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	295623	105.74	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1629226	93.33	ng	0.00
78) Terphenyl-d14	13.13	244	1797942	103.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.90	88	132136	36.671	ng	92
3) Pyridine	3.70	79	309246	33.316	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	146067	27.966	ng	80
6) Aniline	6.68	93	466380	36.794	ng	# 76
8) 2-Chlorophenol	6.80	128	365272	46.249	ng	95
9) Benzaldehyde	6.57	77	256777	35.540	ng	95
10) Phenol	6.67	94	492942	51.139	ng	83
11) bis(2-Chloroethyl)ether	6.74	93	434346	55.737	ng	95
12) 1,3-Dichlorobenzene	6.94	146	420234	46.017	ng	97
13) 1,4-Dichlorobenzene	7.02	146	456295	49.731	ng	99
14) 1,2-Dichlorobenzene	7.17	146	406163	47.591	ng	98
15) Benzyl Alcohol	7.15	79	310283	39.552	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.27	45	661143	41.183	ng	58
17) 2-Methylphenol	7.26	107	294024	43.411	ng	# 76
18) Hexachloroethane	7.51	117	154608	47.331	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	289143	45.884	ng	92
20) 3+4-Methylphenols	7.42	107	378263	43.581	ng	# 38
22) Acetophenone	7.42	105	533134	42.567	ng	# 88
24) Nitrobenzene	7.59	77	437937	45.118	ng	93
25) Isophorone	7.82	82	700204	38.271	ng	95
26) 2-Nitrophenol	7.91	139	198917	54.265	ng	94
27) 2,4-Dimethylphenol	7.94	122	276888	34.099	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	444177	41.587	ng	99
29) 2,4-Dichlorophenol	8.15	162	337307	45.138	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	373863	45.377	ng	95
31) Naphthalene	8.31	128	1016655	41.736	ng	99
32) Benzoic acid	8.09	122	149832	34.795	ng	96
33) 4-Chloroaniline	8.37	127	449786	42.370	ng	98
34) Hexachlorobutadiene	8.41	225	244912	46.956	ng	99
35) Caprolactam	8.75	113	91234	38.959	ng	# 78
36) 4-Chloro-3-methylphenol	8.85	107	362383	44.952	ng	96
37) 2-Methylnaphthalene	9.00	142	689893	40.030	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	399133	46.373	ng	98
40) Hexachlorocyclopentadiene	9.14	237	146605	26.371	ng	99

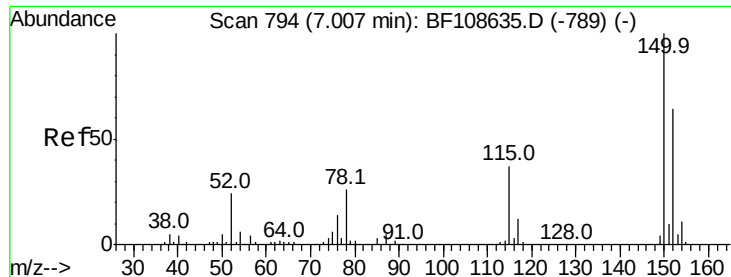
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	245371	45.941	ng	100
43) 2,4,5-Trichlorophenol	9.33	196	271720	46.215	ng	95
45) 1,1'-Biphenyl	9.47	154	967013	46.796	ng	98
46) 2-Chloronaphthalene	9.50	162	760065	46.537	ng	97
47) 2-Nitroaniline	9.60	65	258827	48.978	ng	86
48) Acenaphthylene	9.91	152	1114610	43.167	ng	100
49) Dimethylphthalate	9.77	163	874204	44.777	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	196870	48.197	ng	90
51) Acenaphthene	10.08	154	647568	40.947	ng	100
52) 3-Nitroaniline	10.02	138	212012	47.439	ng	99
53) 2,4-Dinitrophenol	10.12	184	68460	53.328	ng	# 31
54) Dibenzofuran	10.25	168	1035032	45.173	ng	95
55) 4-Nitrophenol	10.20	139	104753	30.953	ng	84
56) 2,4-Dinitrotoluene	10.24	165	257146	48.908	ng	# 88
57) Fluorene	10.60	166	799782	44.095	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	249269	50.724	ng	# 84
59) Diethylphthalate	10.46	149	876838	46.381	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	453686	48.003	ng	94
61) 4-Nitroaniline	10.65	138	201566	45.618	ng	90
62) Azobenzene	10.75	77	865264	44.318	ng	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	107119	52.402	ng	90
65) n-Nitrosodiphenylamine	10.71	169	777982	44.390	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	291230	45.186	ng	# 88
67) Hexachlorobenzene	11.15	284	308368	45.473	ng	# 86
68) Atrazine	11.23	200	228038	38.793	ng	96
69) Pentachlorophenol	11.35	266	179018	55.153	ng	97
70) Phenanthrene	11.57	178	1184618	42.348	ng	99
71) Anthracene	11.62	178	1241850	43.314	ng	100
72) Carbazole	11.78	167	1199017	47.070	ng	100
73) Di-n-butylphthalate	12.08	149	1370247	47.491	ng	99
74) Fluoranthene	12.77	202	1320545	43.255	ng	95
76) Benzidine	12.90	184	508136	30.675	ng	98
77) Pyrene	13.00	202	1329872	47.378	ng	99
79) Butylbenzylphthalate	13.59	149	556418	49.921	ng	# 96
80) Benzo(a)anthracene	14.19	228	1055485	41.482	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	395185	43.338	ng	# 97
82) Chrysene	14.23	228	1028394	44.085	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	713192	47.251	ng	# 99
84) Di-n-octyl phthalate	14.77	149	1042084	45.270	ng	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	692069	34.240	ng	# 89
87) Benzo(b)fluoranthene	15.29	252	814388	42.844	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	747994	42.808	ng	# 96
89) Benzo(a)pyrene	15.69	252	705386	41.441	ng	# 97
90) Dibenzo(a,h)anthracene	17.39	278	578901	41.105	ng	# 93
91) Benzo(g,h,i)perylene	17.88	276	571959	41.244	ng	# 88

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

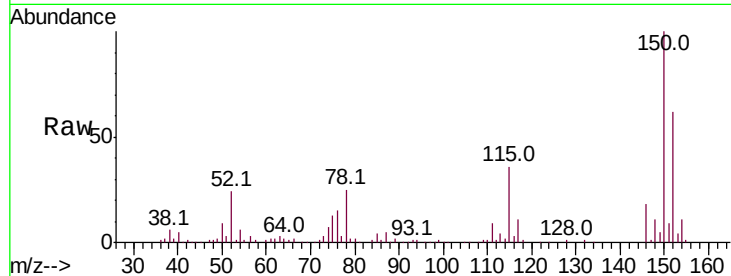


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	57.3	50.1	75.1

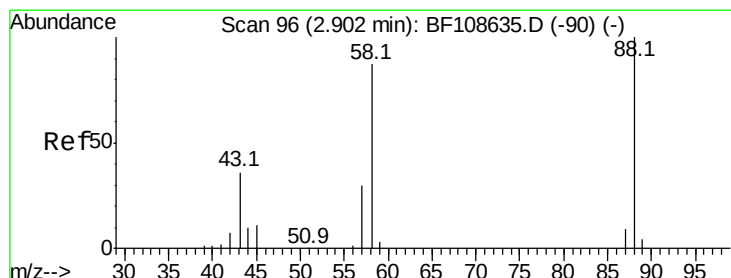
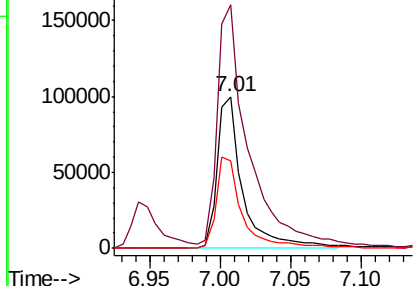
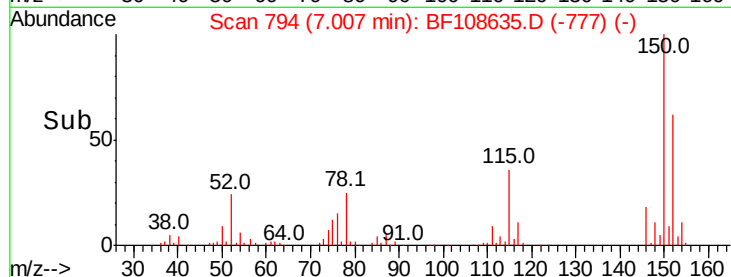


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

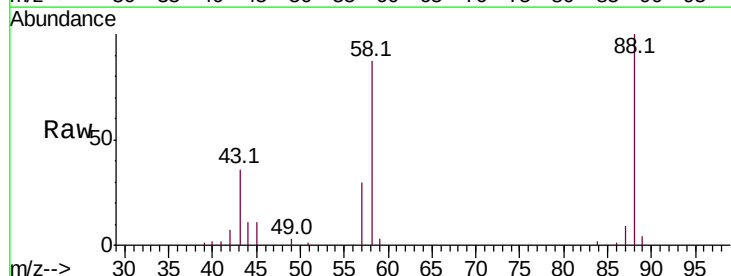
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 36.671 ng
 RT: 2.90 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	62.6	93.8
43	33.4	24.6	37.0

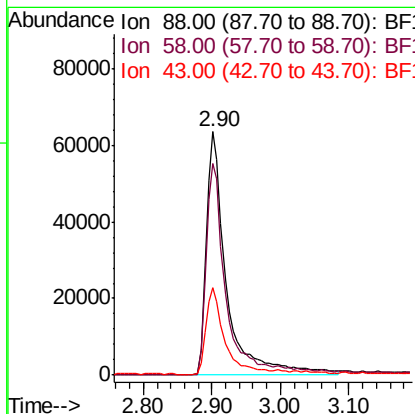
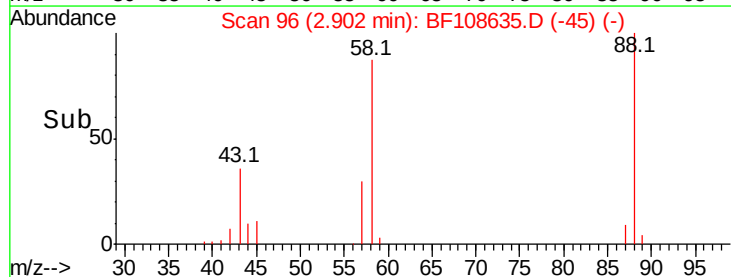


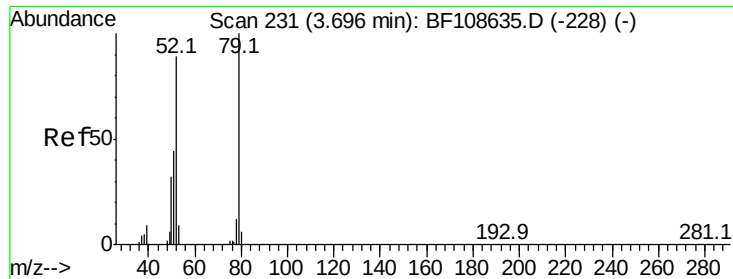
Abundance

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: 33.316 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

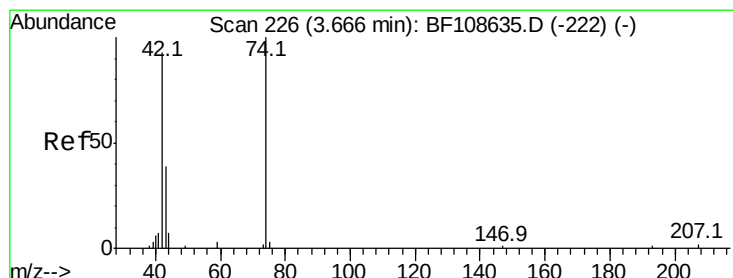
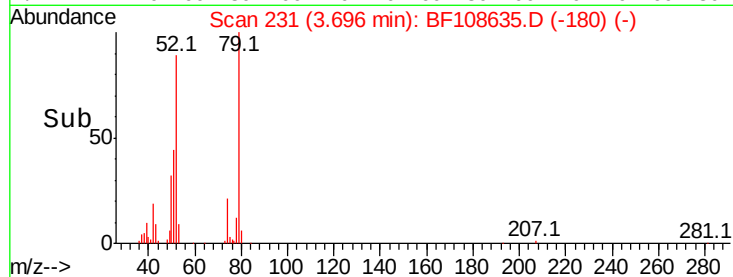
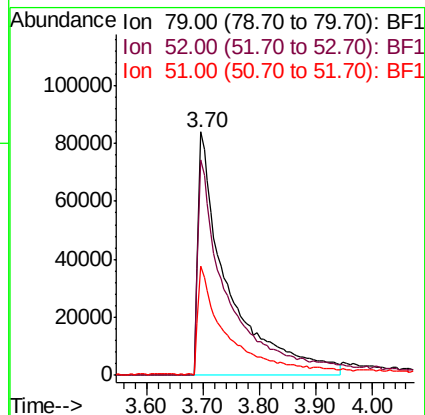
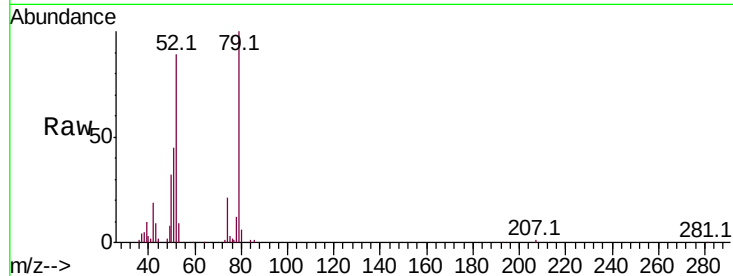
Tot Ion: 79 Resp: 309246

Ion Ratio Lower Upper

79 100

52 88.7 59.8 89.6

51 44.8 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 27.966 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

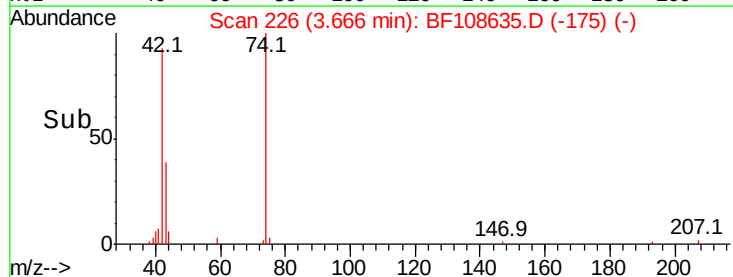
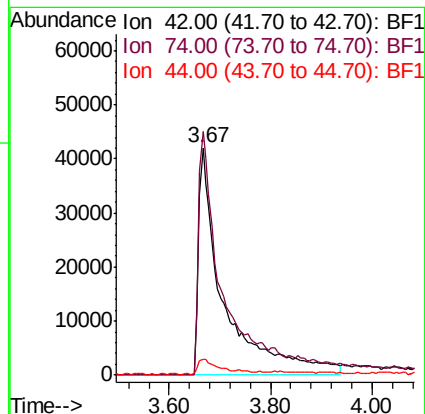
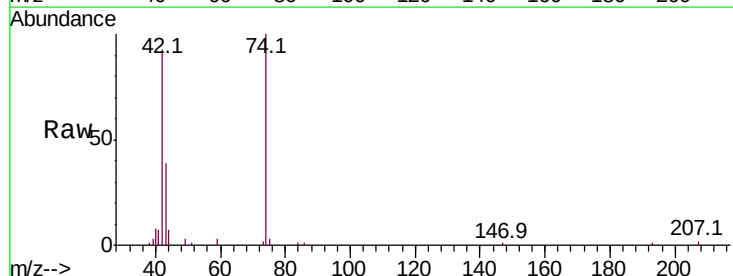
Tgt Ion: 42 Resp: 146067

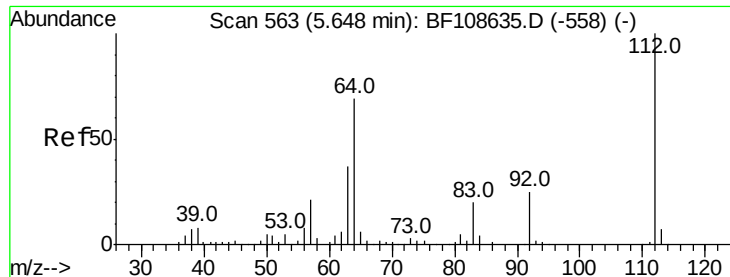
Ion Ratio Lower Upper

42 100

74 107.1 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 82.798 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampled :

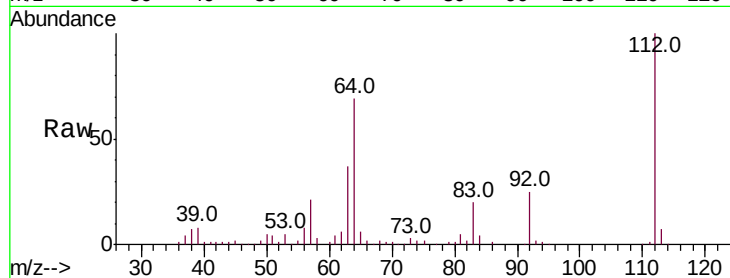
Tot Ion:112 Resp: 580628

Ion Ratio Lower Upper

112 100

64 69.3 47.9 71.9

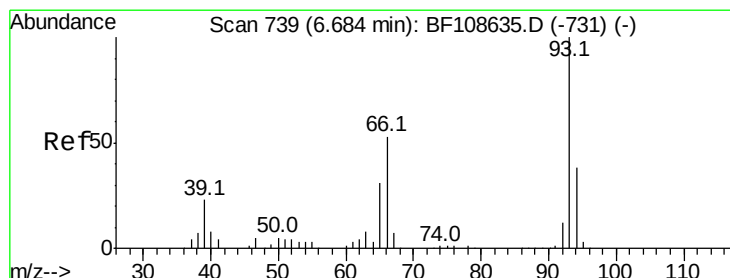
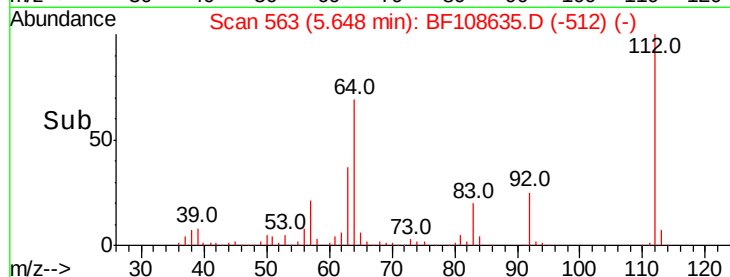
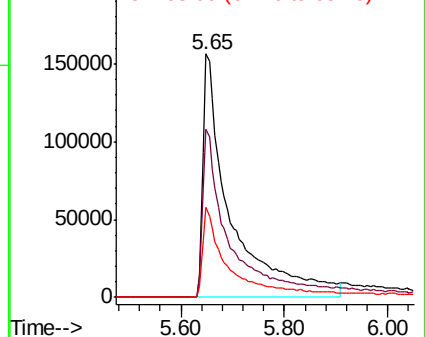
63 36.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.794 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

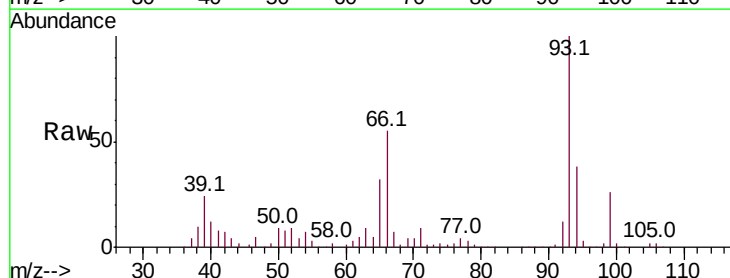
Tgt Ion: 93 Resp: 466380

Ion Ratio Lower Upper

93 100

66 55.0 32.2 48.2#

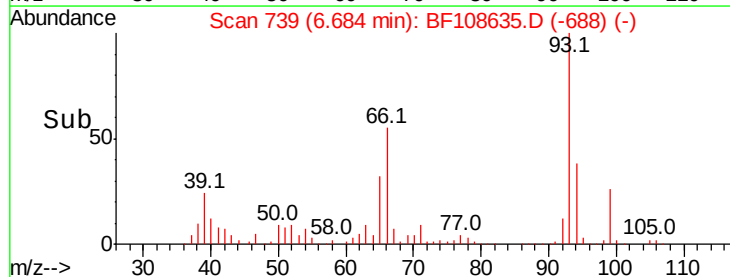
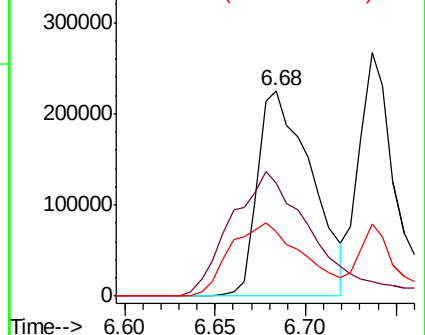
65 31.6 16.4 24.6#

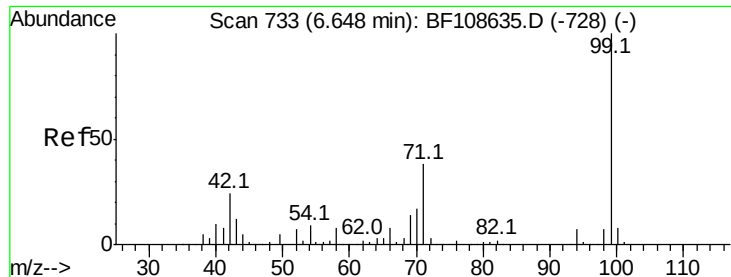


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.622 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :
BNA_F
ClientSampleId :

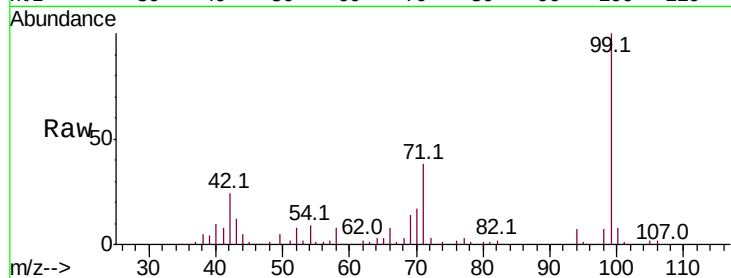
Tot Ion: 99 Resp: 835167

Ion Ratio Lower Upper

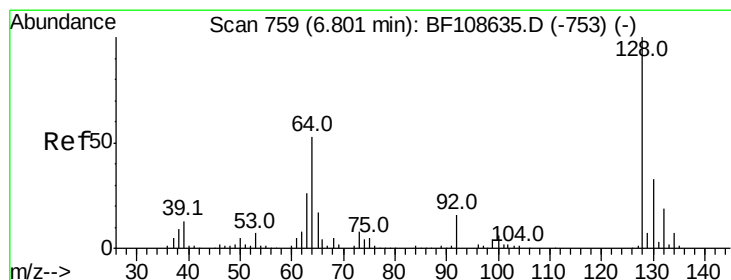
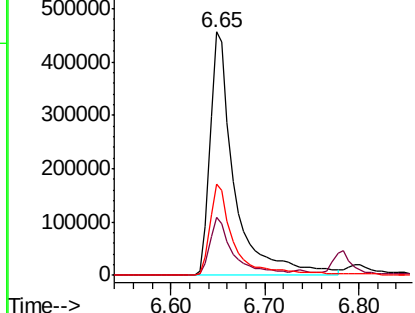
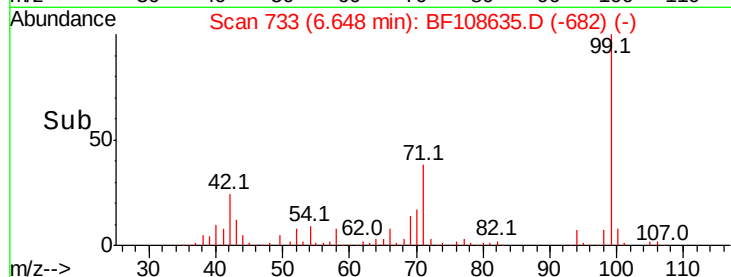
99 100

42 23.7 14.5 21.7#

71 37.7 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: 46.249 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

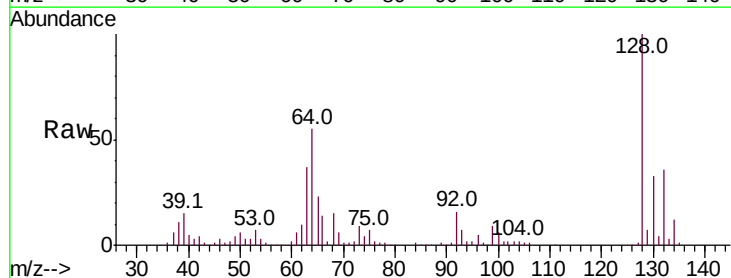
Tgt Ion:128 Resp: 365272

Ion Ratio Lower Upper

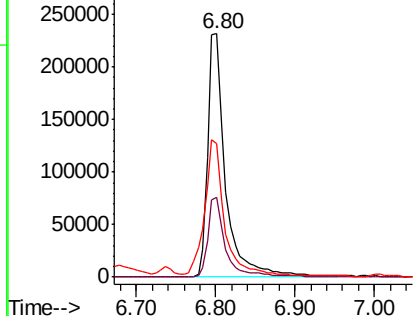
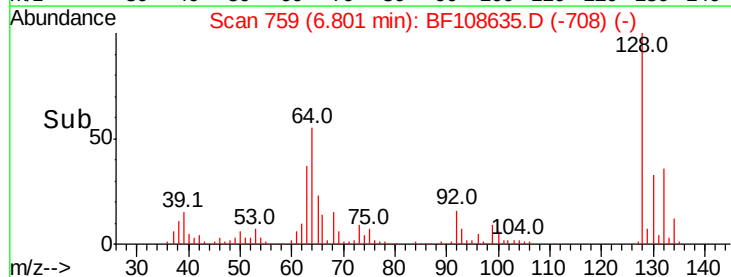
128 100

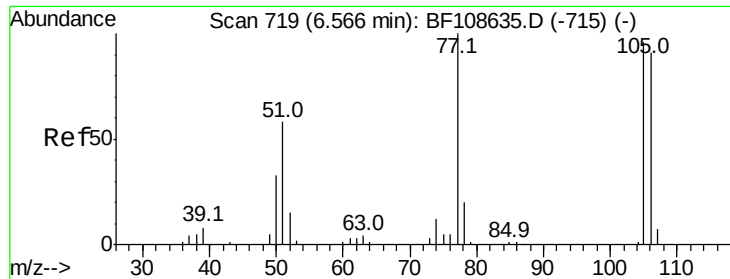
130 32.6 13.0 53.0

64 54.9 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

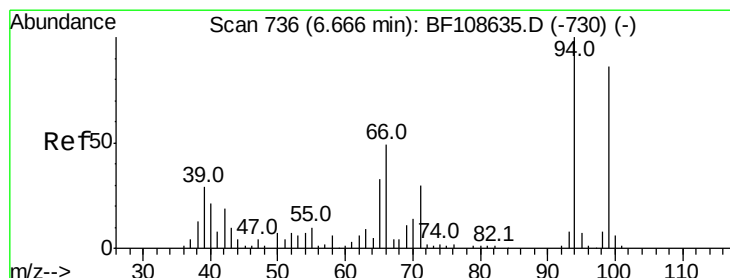
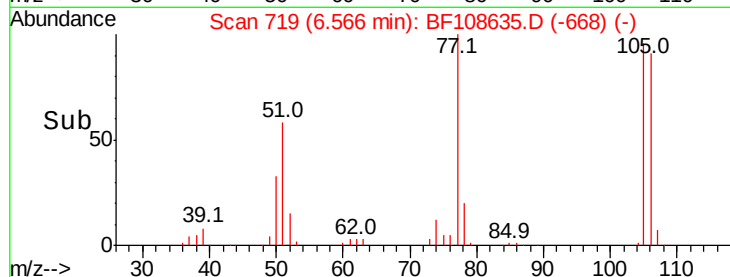
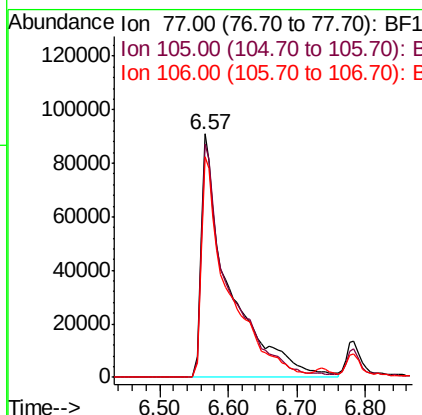
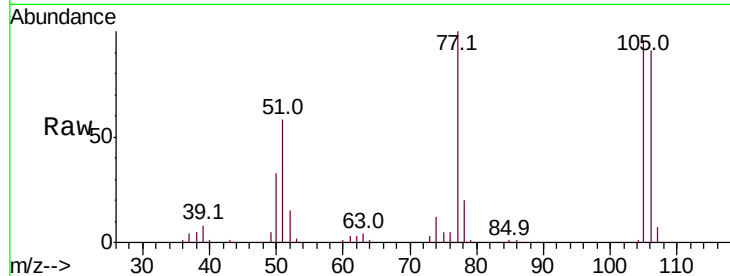




#9
Benzaldehyde
Concen: 35.540 ng
RT: 6.57 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

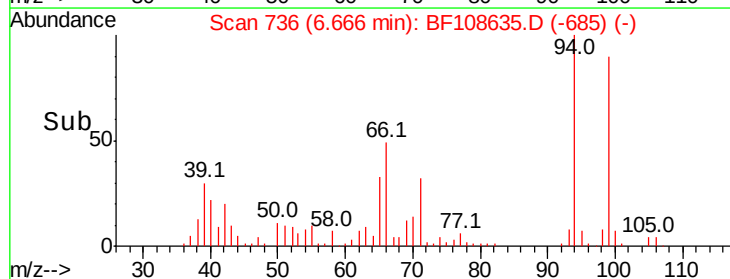
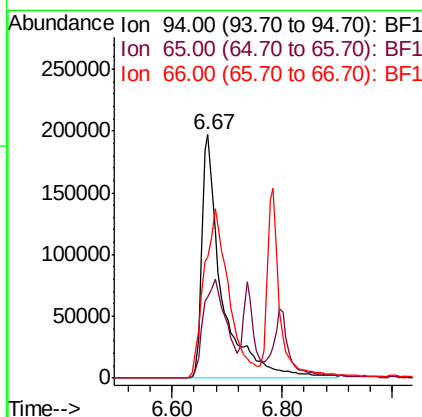
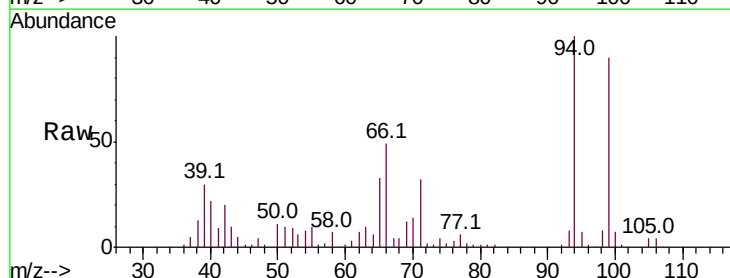
Instrument :
BNA_F
ClientSampled :

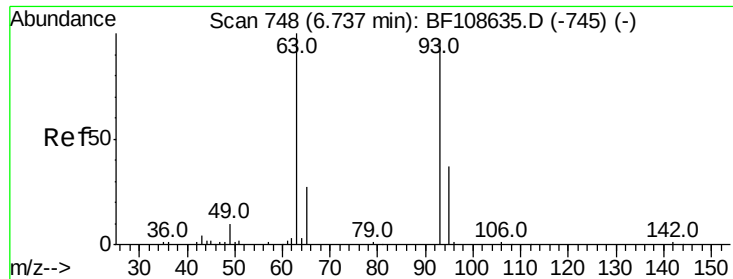
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.8	81.1	121.1
106	90.6	74.5	114.5



#10
Phenol
Concen: 51.139 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	7.9	47.9
66	49.5	16.2	56.2

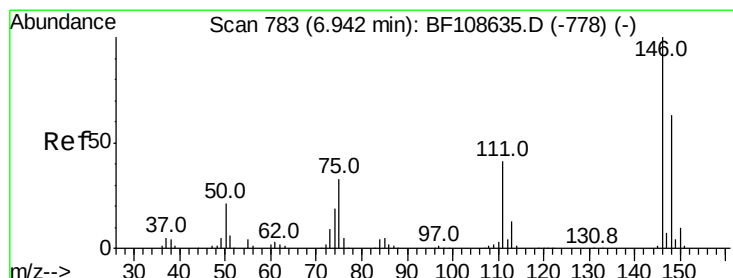
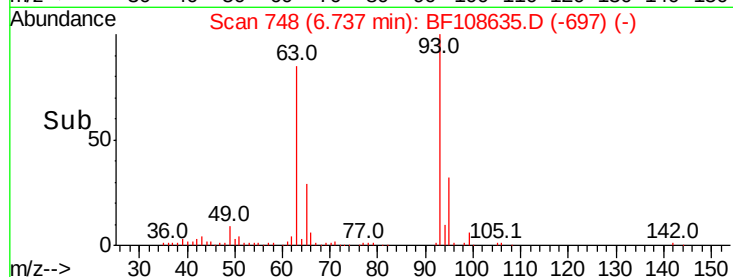
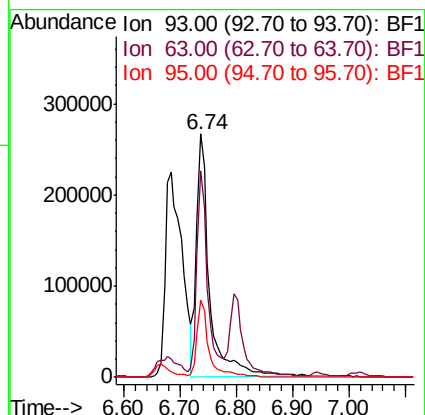
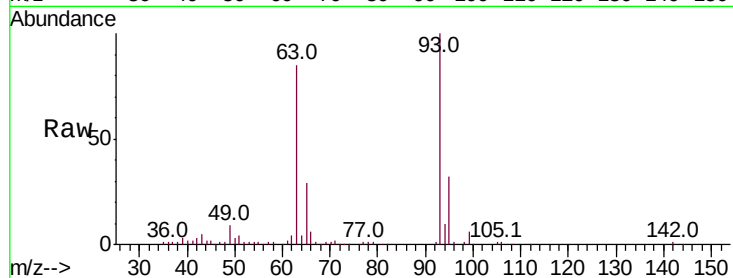




#11
 bis(2-Chloroethyl)ether
 Concen: 55.737 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

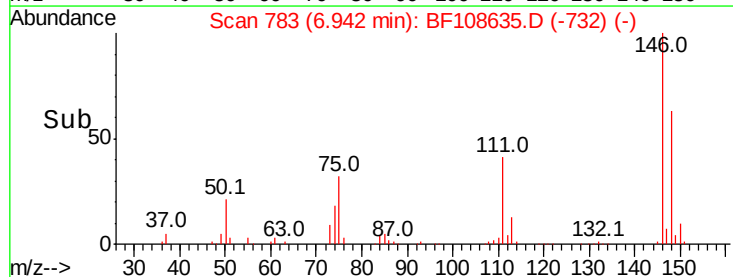
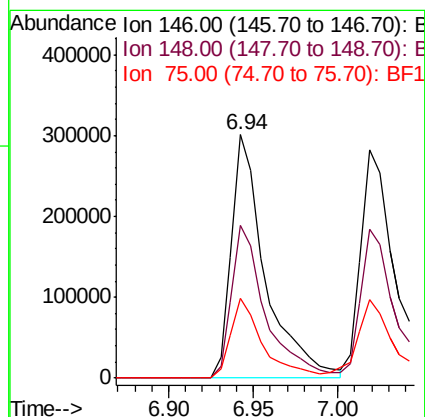
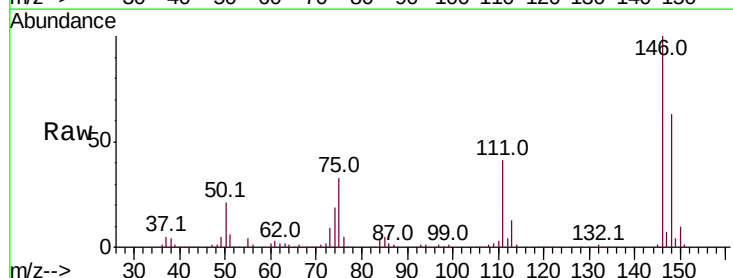
Instrument :
 BNA_F
 ClientSampleId :

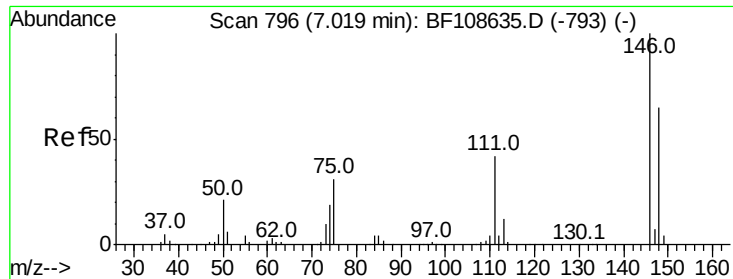
Tot Ion: 93 Resp: 434346
 Ion Ratio Lower Upper
 93 100
 63 84.9 58.6 98.6
 95 31.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 46.017 ng
 RT: 6.94 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion: 146 Resp: 420234
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.8
 75 32.7 24.2 36.4

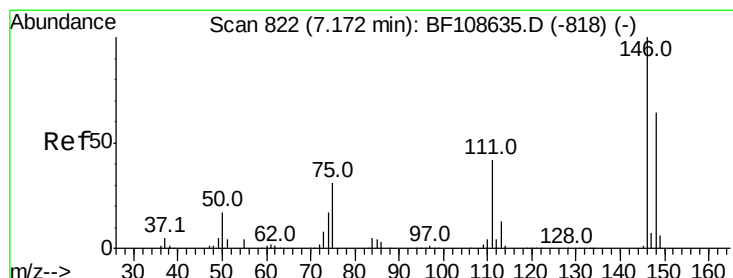
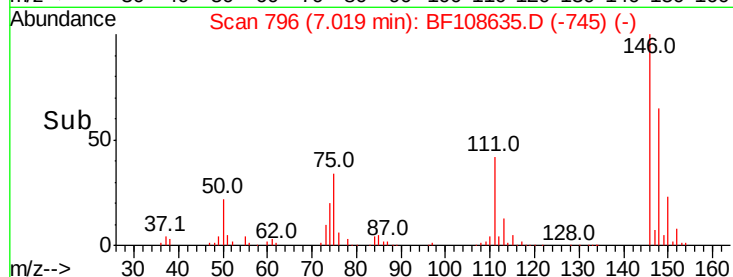
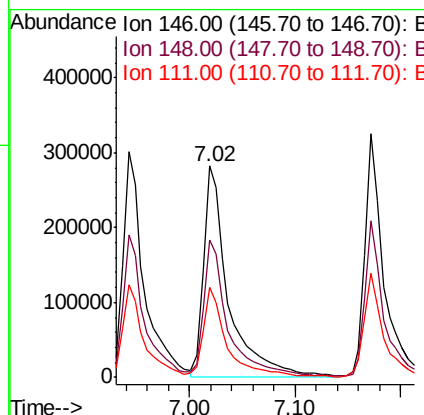
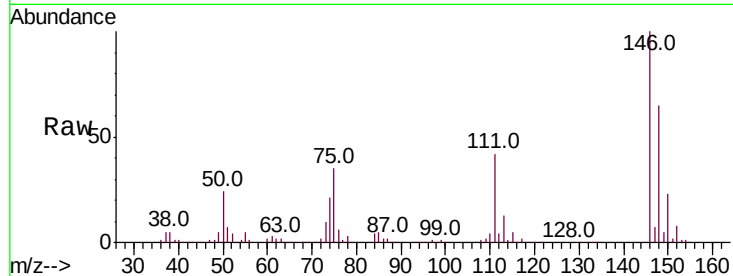




#13
 1,4-Dichlorobenzene
 Concen: 49.731 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

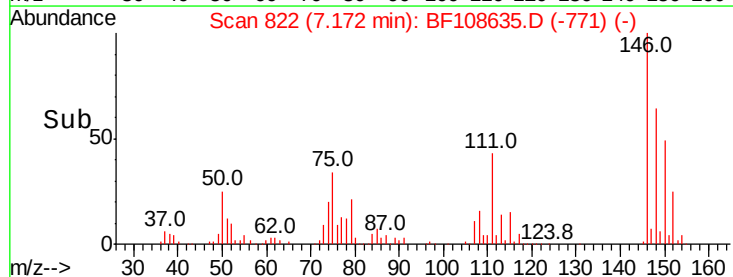
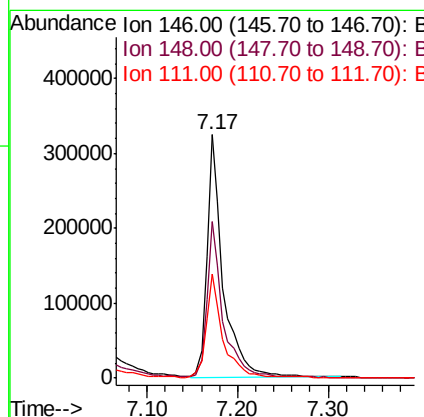
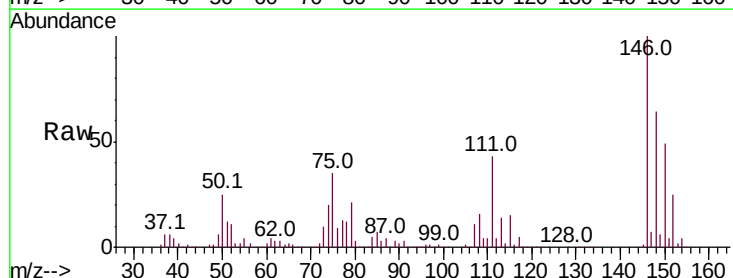
Instrument :
 BNA_F
 ClientSampled :

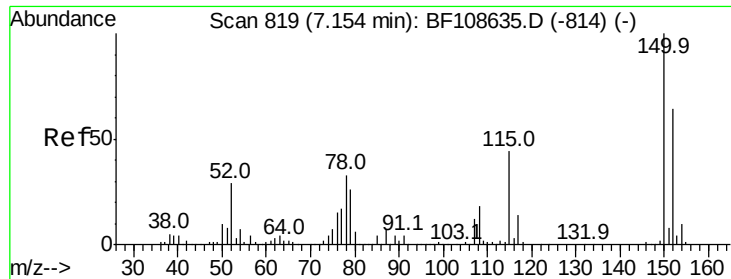
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	42.4	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 47.591 ng
 RT: 7.17 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.9	36.0	54.0

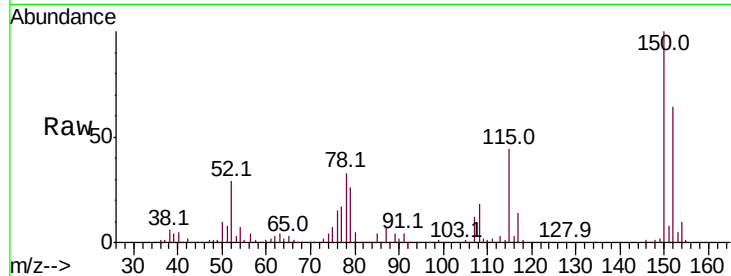




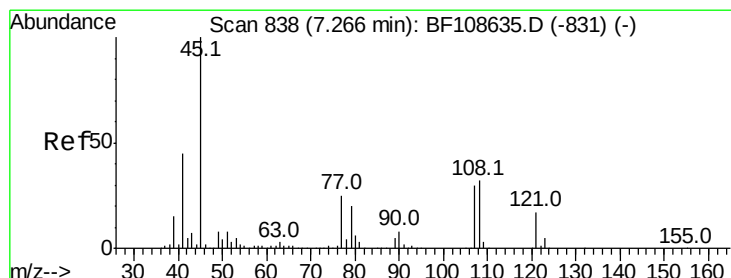
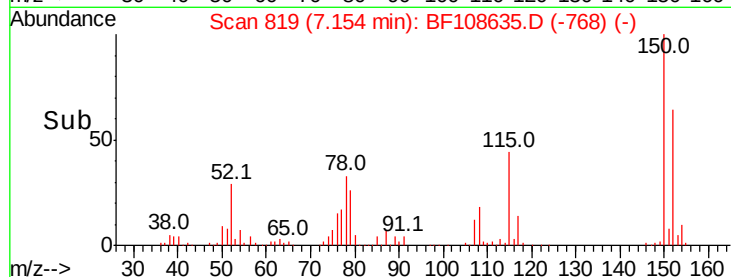
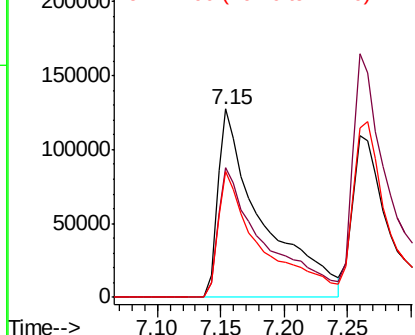
#15
Benzyl Alcohol
Concen: 39.552 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.6	65.1	97.7
77	66.5	50.6	75.8

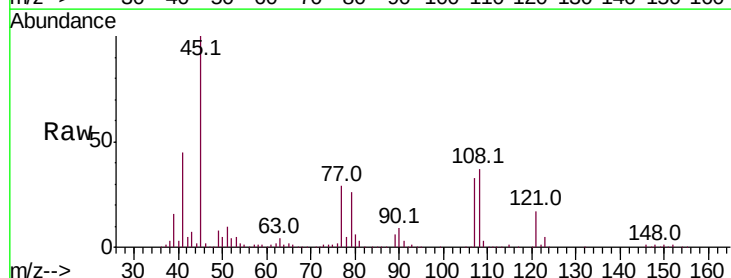


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

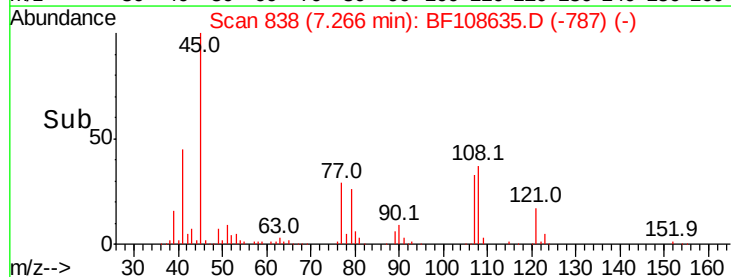
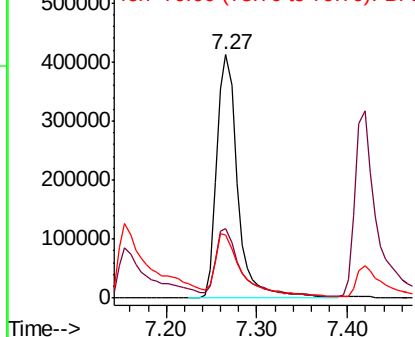


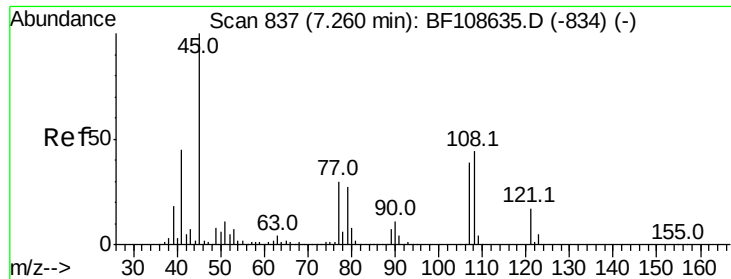
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.183 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.8	0.0	32.9
79	25.7	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

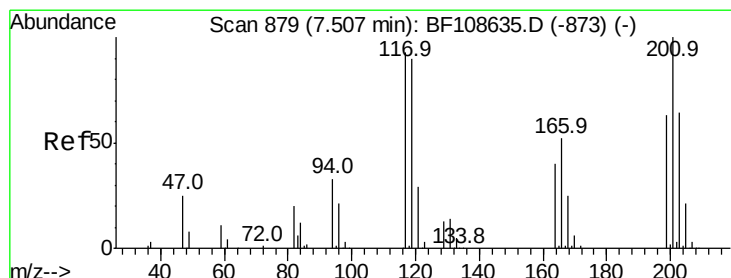
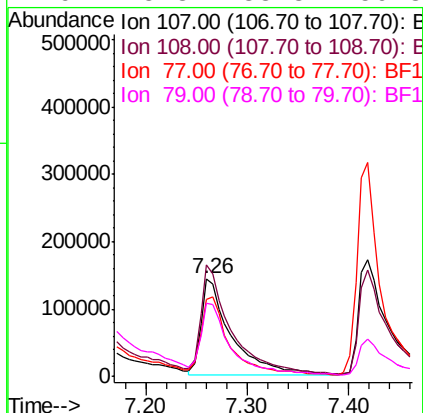
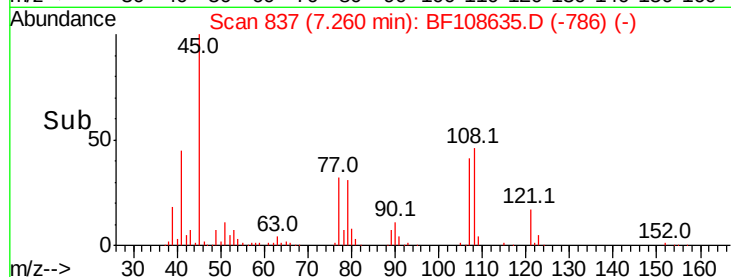
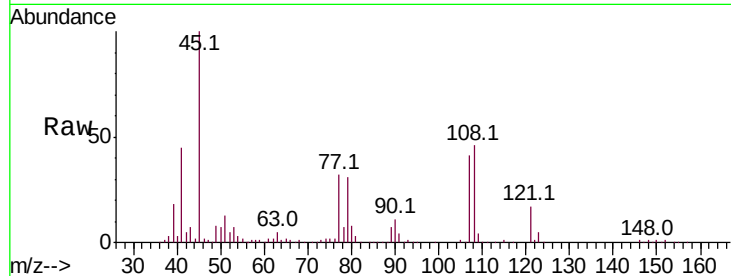




#17
2-Methylphenol
Concen: 43.411 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

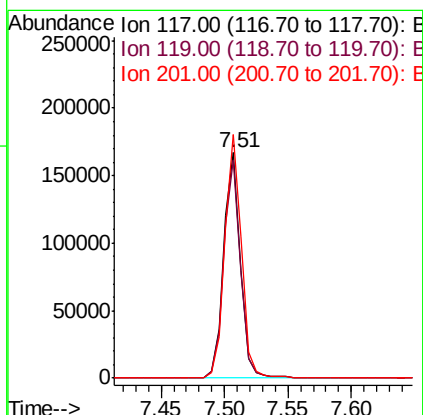
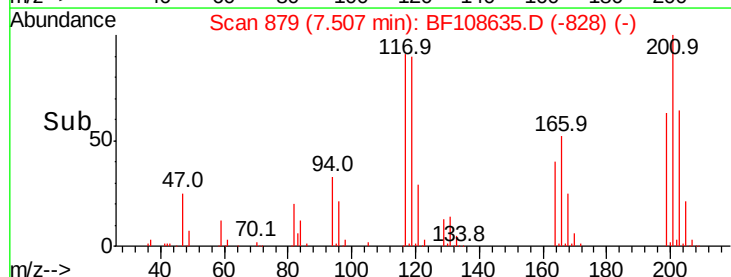
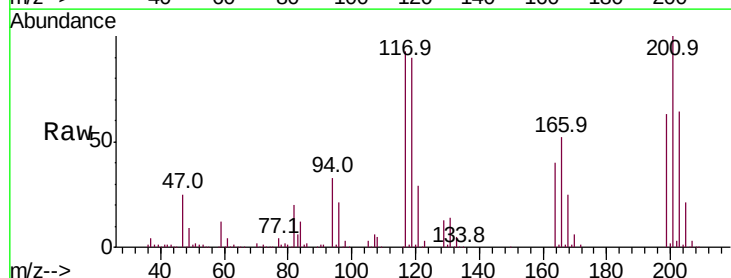
Instrument :
BNA_F
ClientSampled :

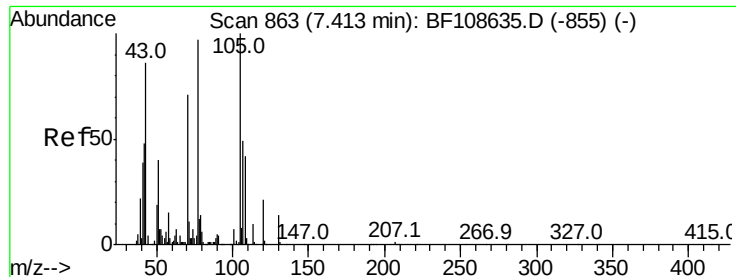
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	78.9	33.8	50.8#
79	75.3	33.8	50.8#



#18
Hexachloroethane
Concen: 47.331 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	108.1	75.7	113.5

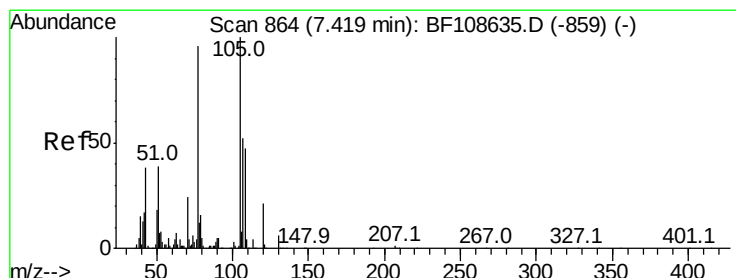
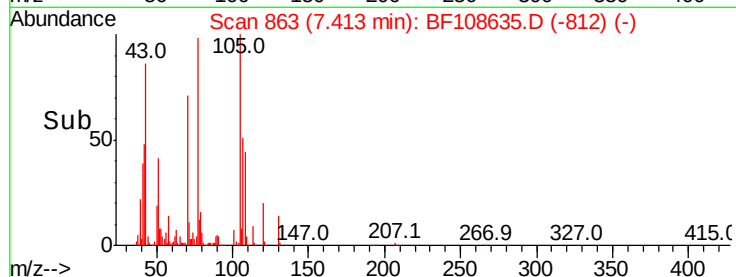
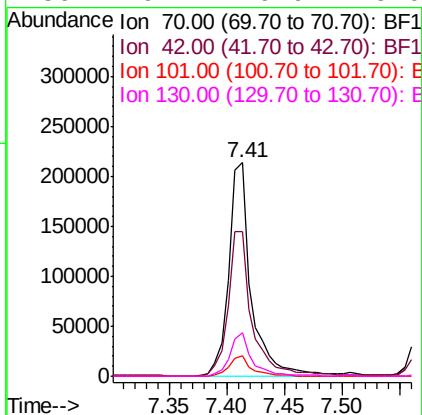
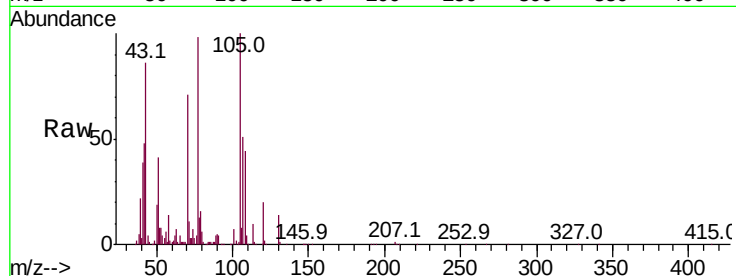




#19
n-Nitroso-di-n-propylamine
Concen: 45.884 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

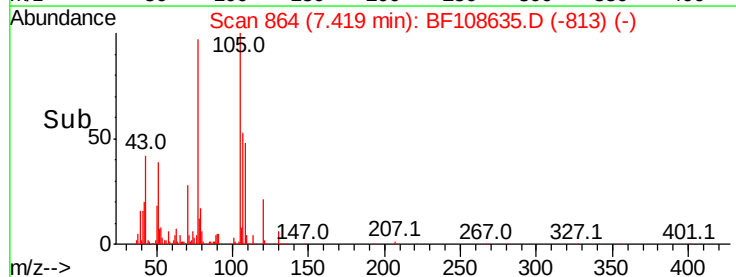
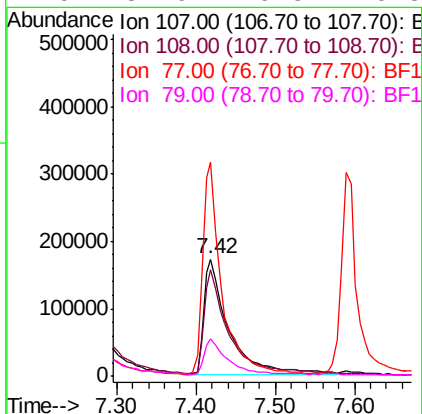
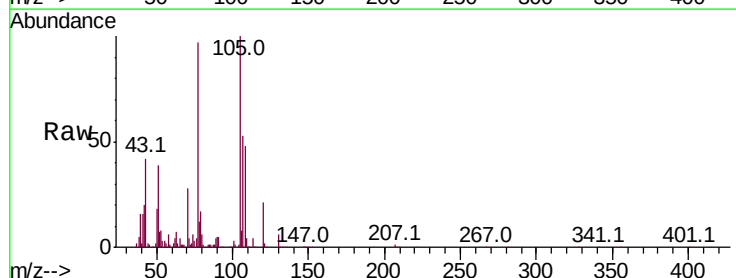
Instrument :
BNA_F
ClientSampleId :

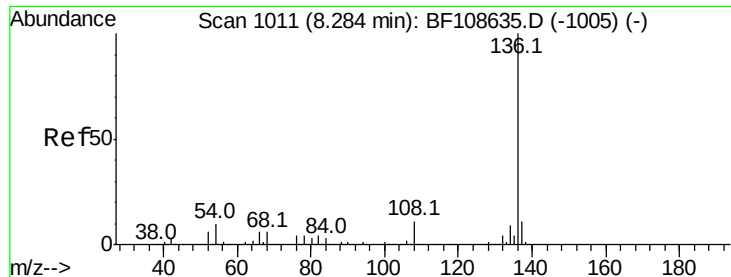
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	47.5	71.3
101	9.8	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.581 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	182.4	26.7	66.7#
79	31.6	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: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

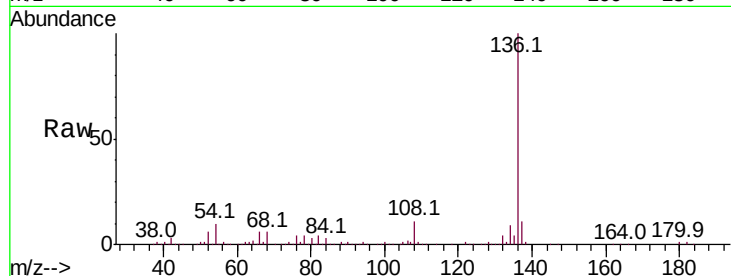
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 535632

Ion Ratio Lower Upper

136	100		
137	11.1	8.9	13.3
54	10.3	6.6	9.8#
68	6.0	5.0	7.4

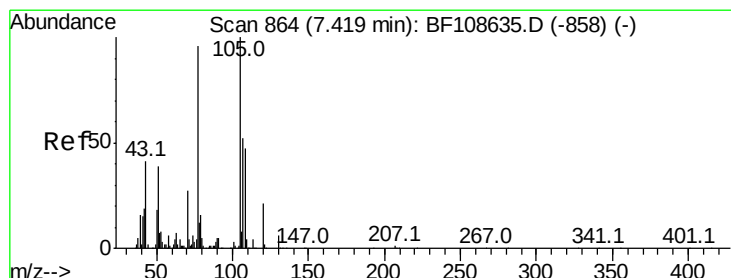
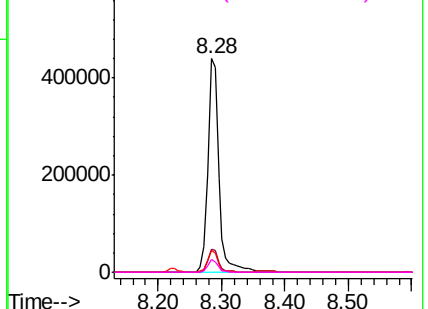
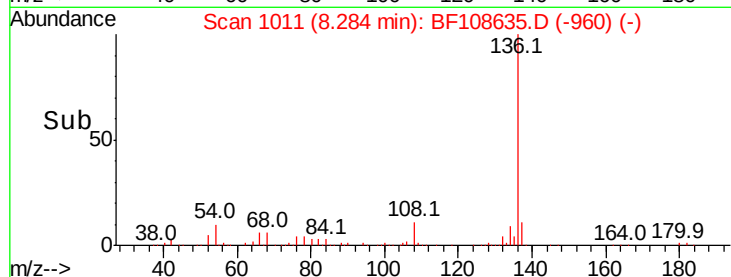


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.567 ng

RT: 7.42 min Scan# 864

Delta R.T. 0.00 min

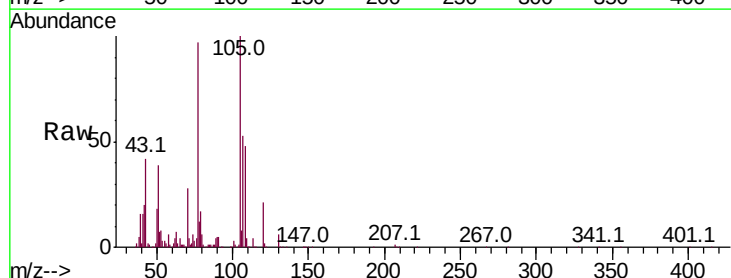
Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Tgt Ion:105 Resp: 533134

Ion Ratio Lower Upper

105	100		
71	4.4	4.4	6.6#
51	39.5	22.3	33.5#
120	21.0	16.9	25.3

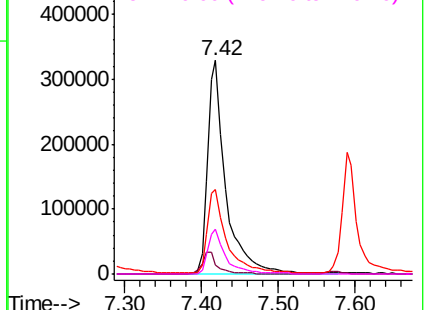
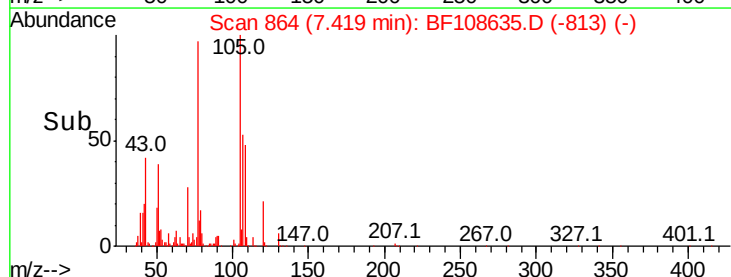


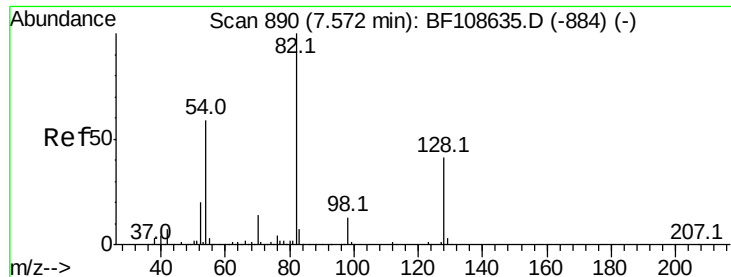
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

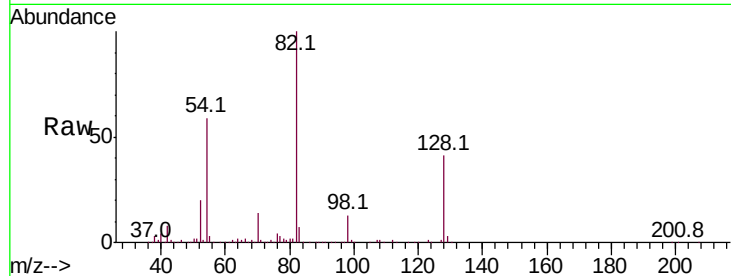




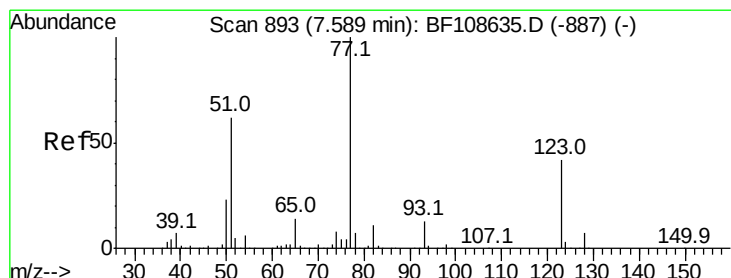
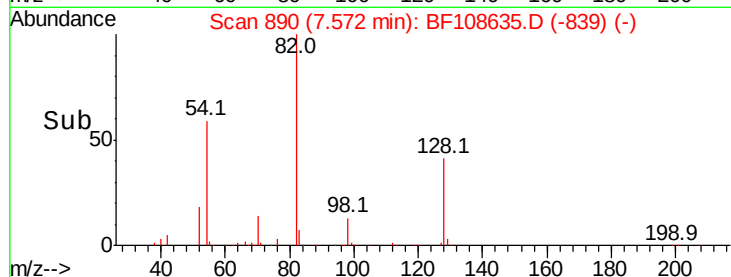
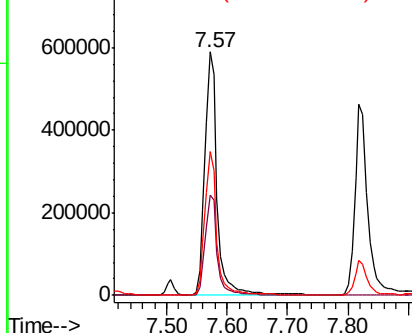
#23
Nitrobenzene-d5
Concen: 87.993 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 844636
Ion Ratio Lower Upper
82 100
128 41.4 36.1 54.1
54 59.2 41.4 62.2

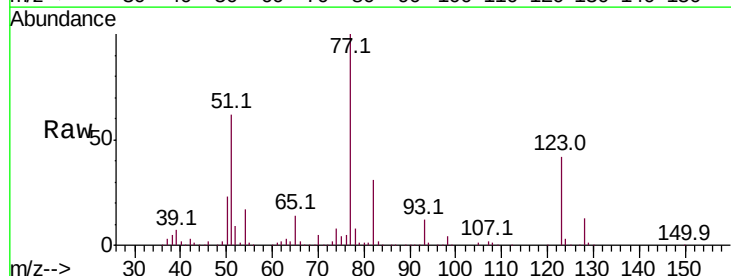


Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

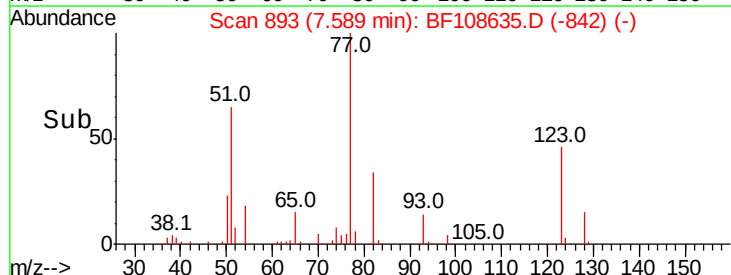
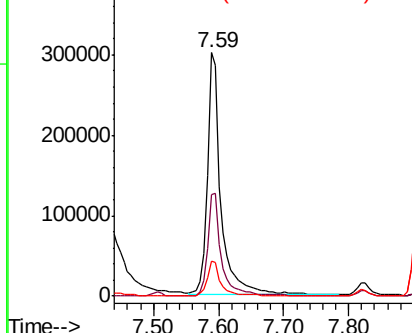


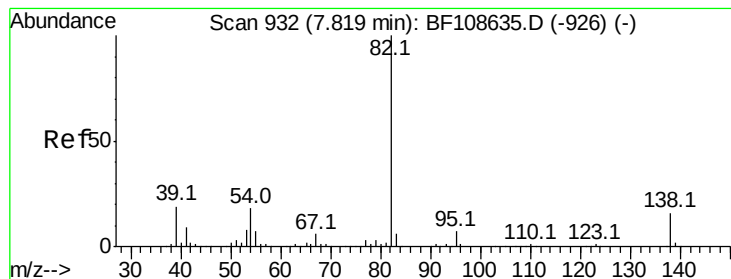
#24
Nitrobenzene
Concen: 45.118 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion: 77 Resp: 437937
Ion Ratio Lower Upper
77 100
123 41.8 37.9 56.9
65 14.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.271 ng

RT: 7.82 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

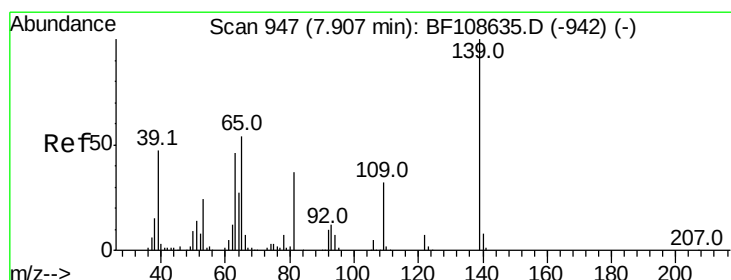
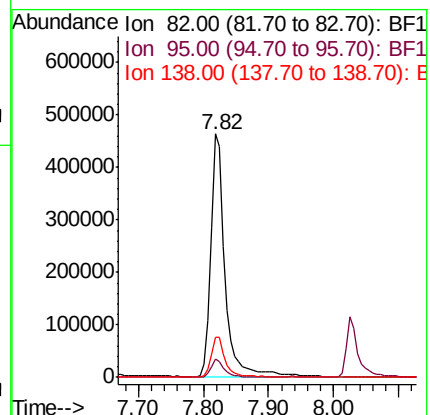
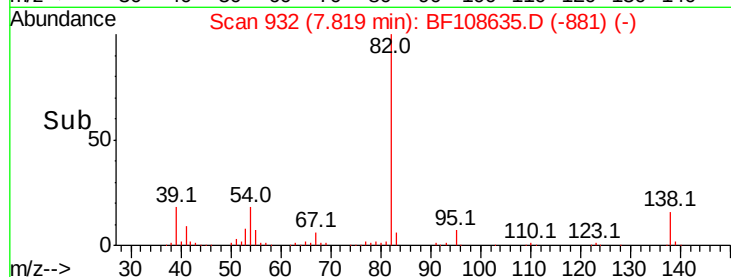
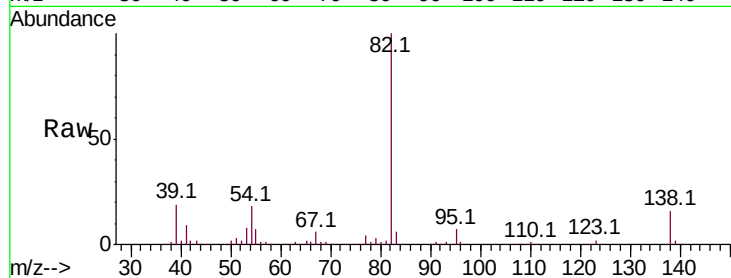
Tot Ion: 82 Resp: 700204

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 16.2 14.9 22.3



#26

2-Nitrophenol

Concen: 54.265 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

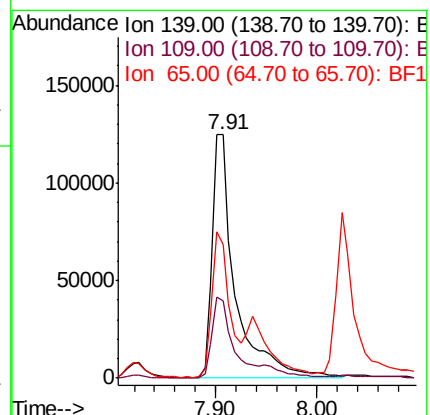
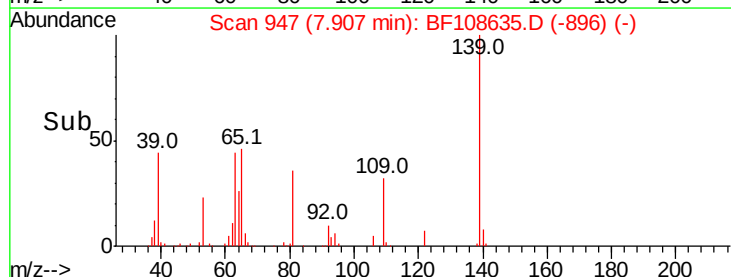
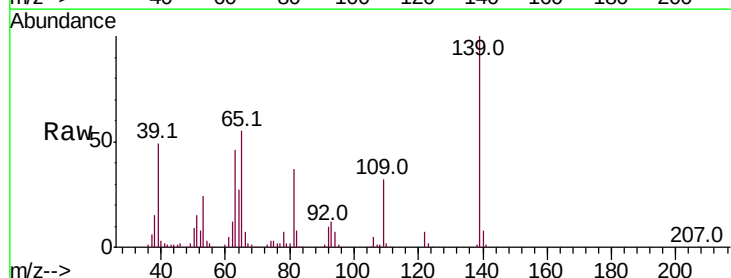
Tgt Ion:139 Resp: 198917

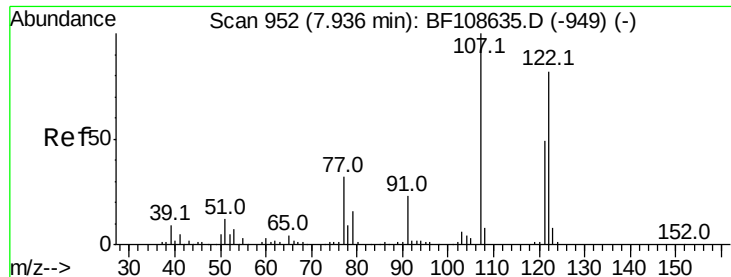
Ion Ratio Lower Upper

139 100

109 31.6 22.7 34.1

65 54.8 40.5 60.7

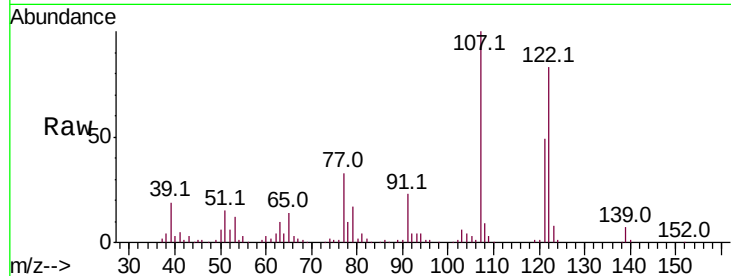




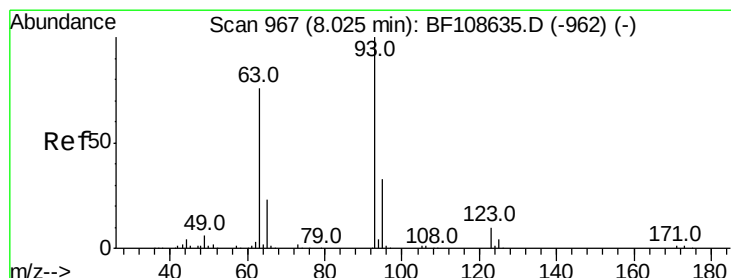
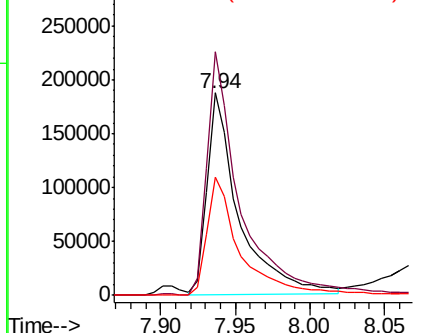
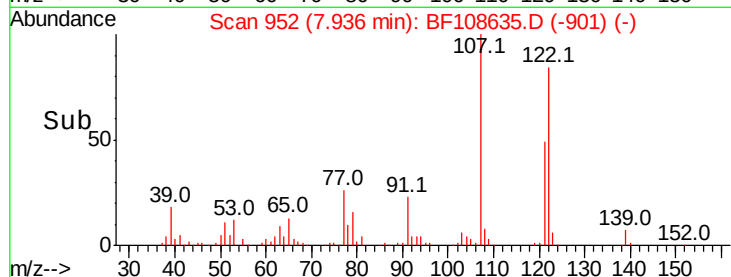
#27
 2,4-Dimethylphenol
 Concen: 34.099 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 276888
 Ion Ratio Lower Upper
 122 100
 107 120.3 91.2 136.8
 121 58.6 47.2 70.8

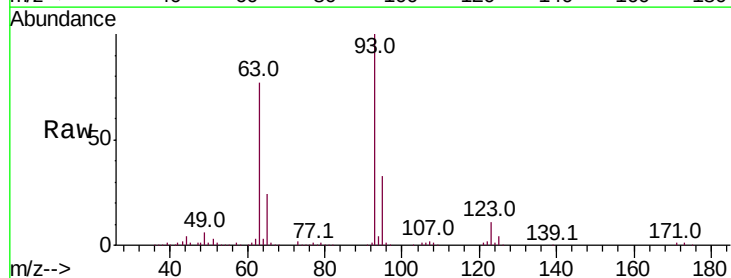


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

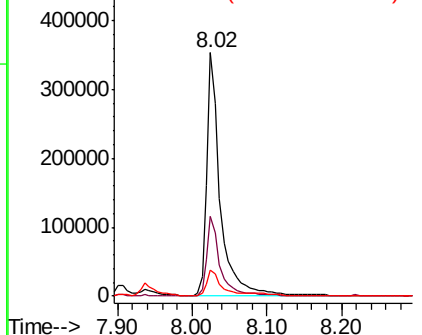
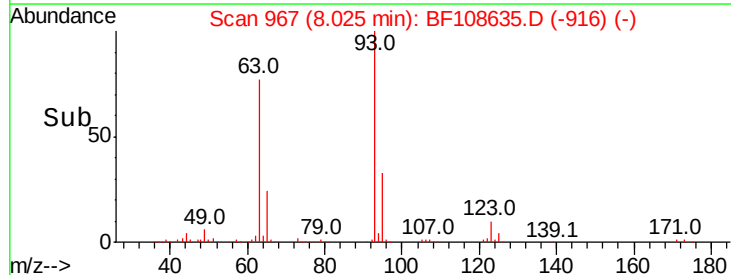


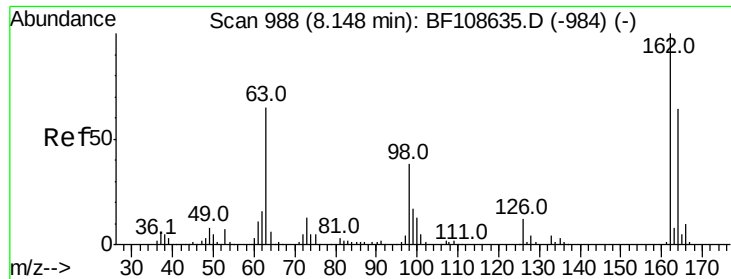
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.587 ng
 RT: 8.02 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion: 93 Resp: 444177
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 10.7 9.8 14.6



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

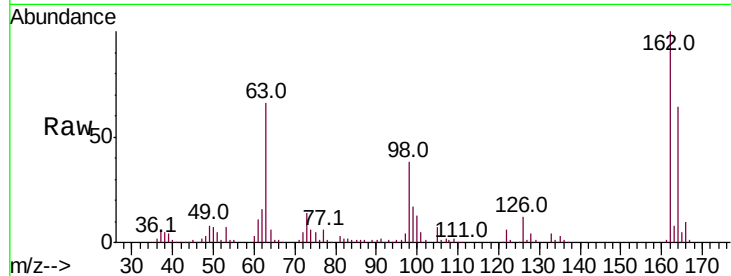




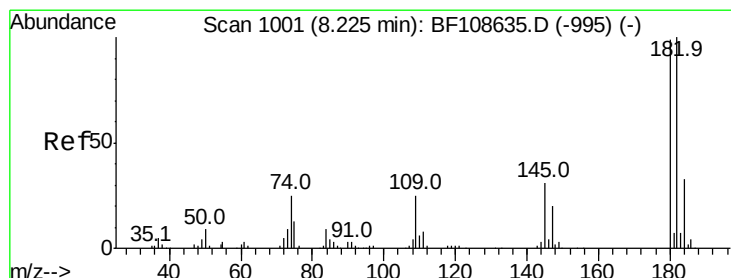
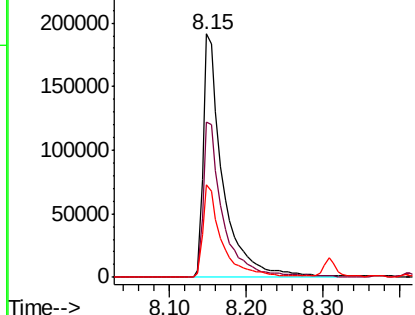
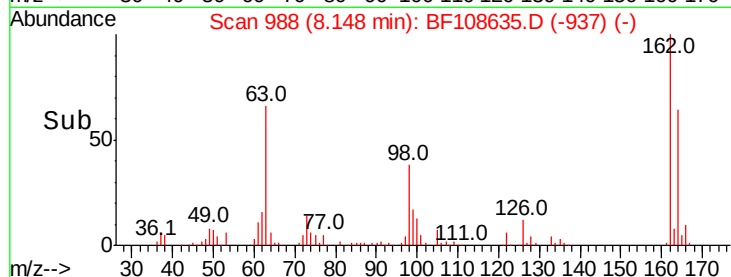
#29
 2,4-Dichlorophenol
 Concen: 45.138 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 337307
 Ion Ratio Lower Upper
 162 100
 164 63.6 42.7 82.7
 98 38.3 18.1 58.1

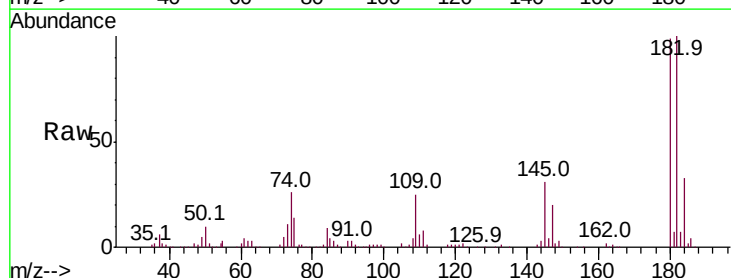


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

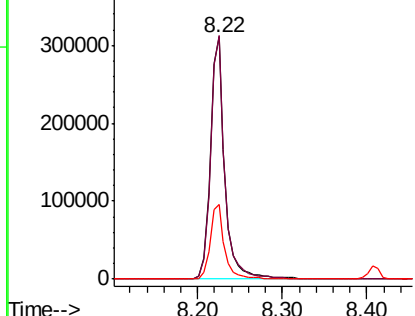
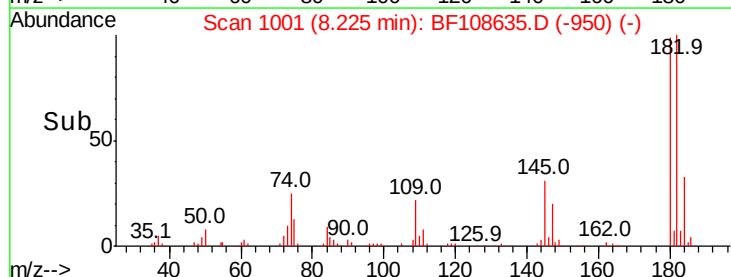


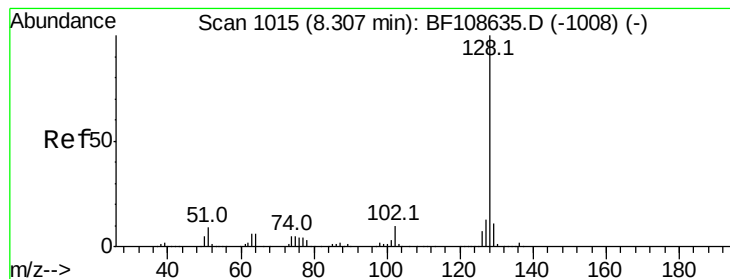
#30
 1,2,4-Trichlorobenzene
 Concen: 45.377 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:180 Resp: 373863
 Ion Ratio Lower Upper
 180 100
 182 100.7 76.8 115.2
 145 31.0 26.5 39.7



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





#31

Naphthalene

Concen: 41.736 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

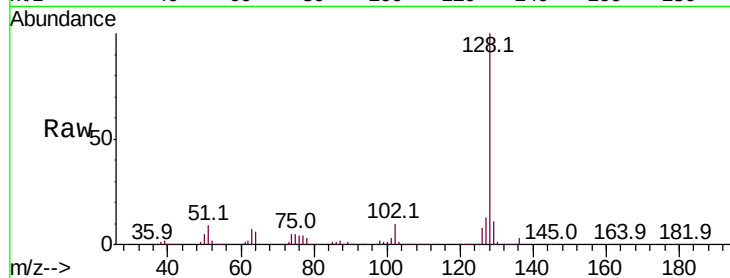
Tot Ion:128 Resp: 1016655

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

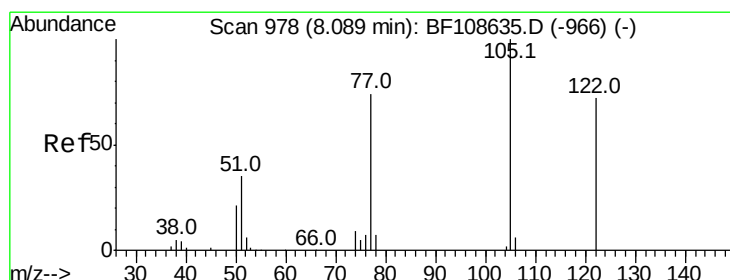
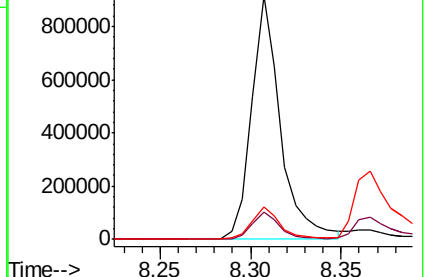
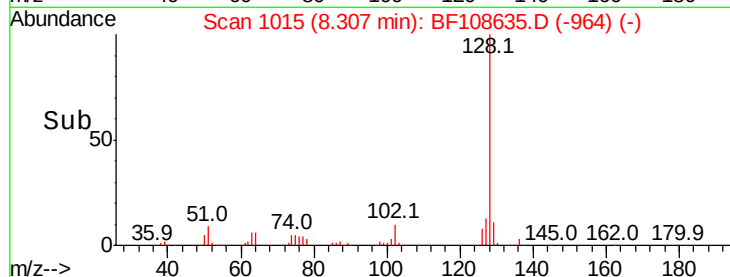
127 13.5 10.9 16.3



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: 34.795 ng

RT: 8.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

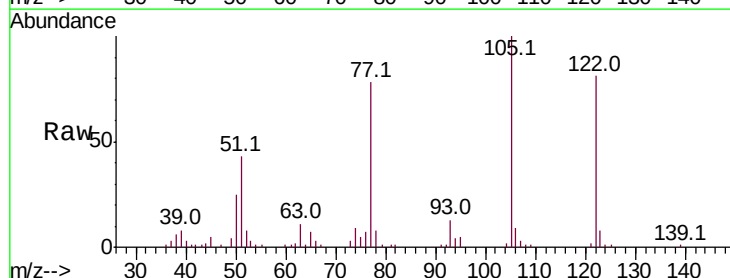
Tgt Ion:122 Resp: 149832

Ion Ratio Lower Upper

122 100

105 124.1 101.1 141.1

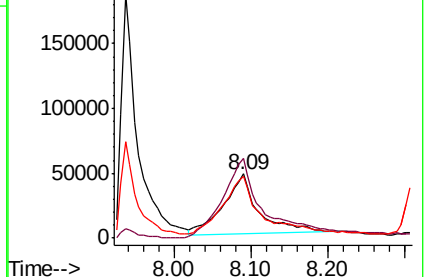
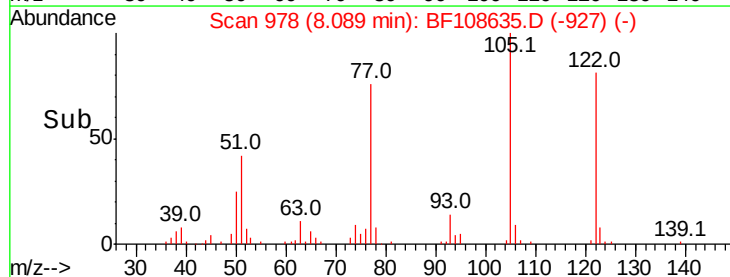
77 96.9 70.7 110.7

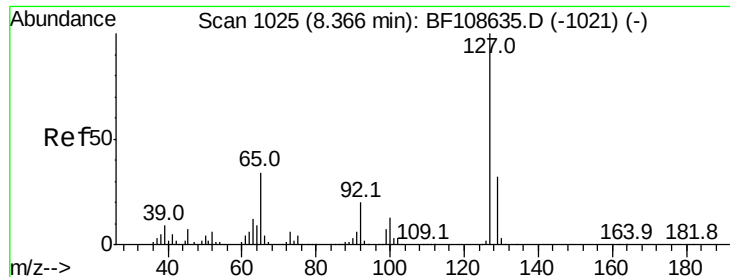


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

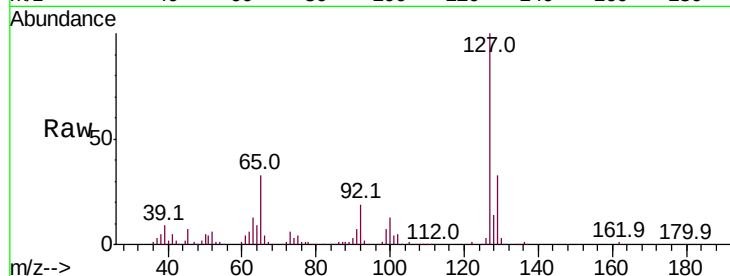




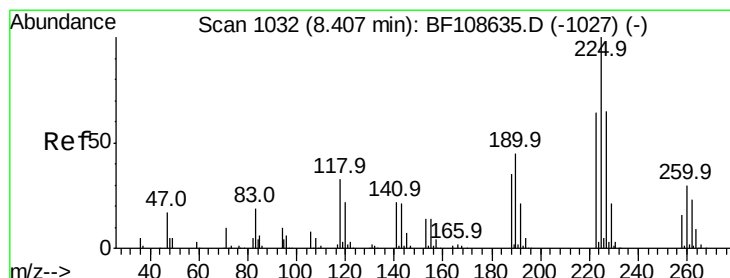
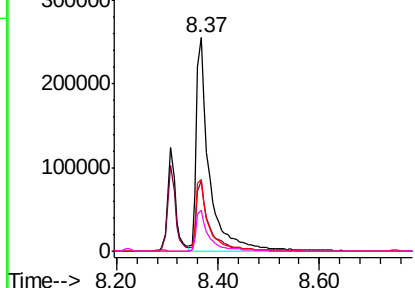
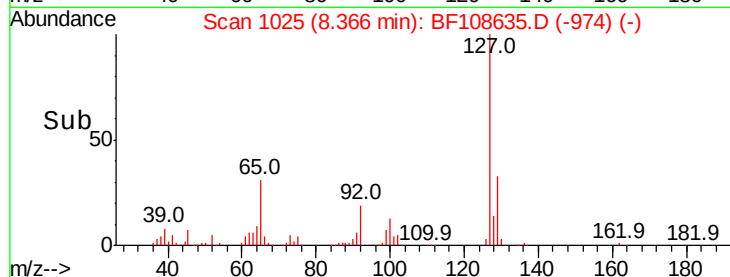
#33
 4-Chloroaniline
 Concen: 42.370 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	449786
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.9 38.9
65	33.3	25.0 37.4
92	19.4	15.2 22.8

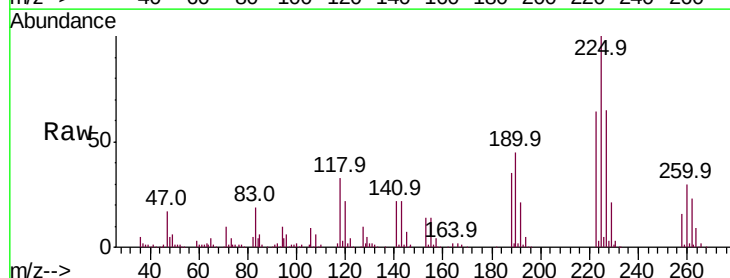


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

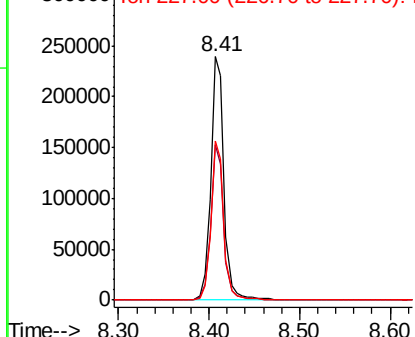
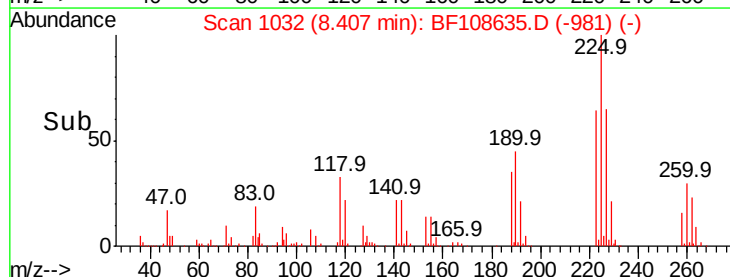


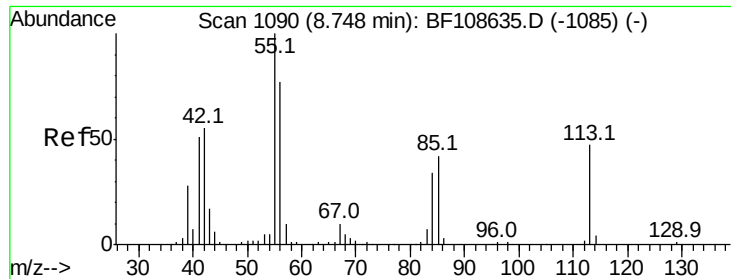
#34
 Hexachlorobutadiene
 Concen: 46.956 ng
 RT: 8.41 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:225	Resp:	244912
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.6 76.0
227	65.4	51.9 77.9



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





#35

Caprolactam

Concen: 38.959 ng

RT: 8.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

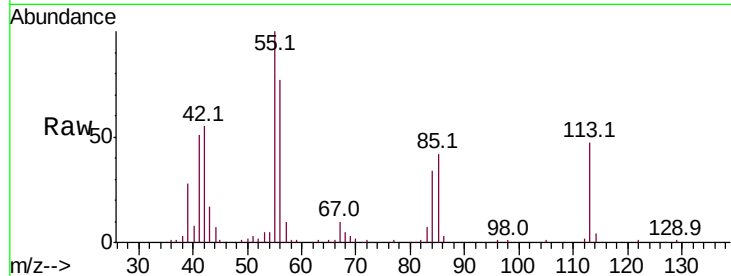
Tot Ion:113 Resp: 91234

Ion Ratio Lower Upper

113 100

55 213.3 163.3 203.3#

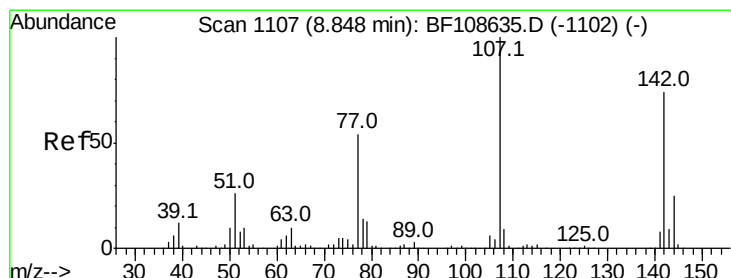
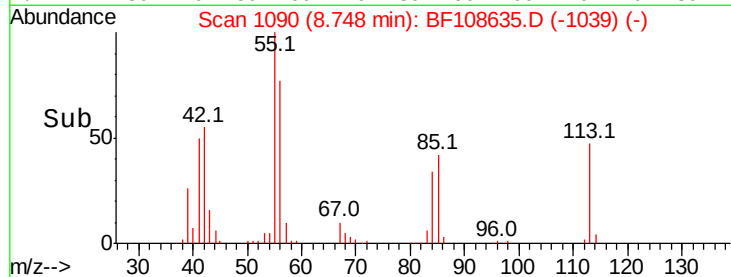
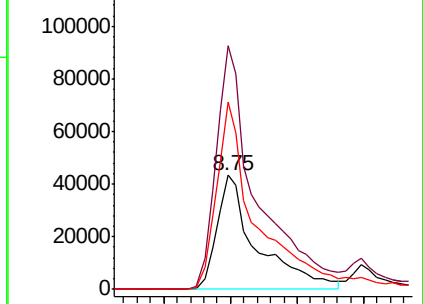
56 163.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.952 ng

RT: 8.85 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

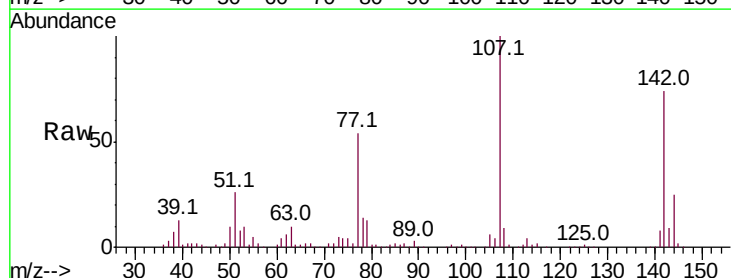
Tgt Ion:107 Resp: 362383

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

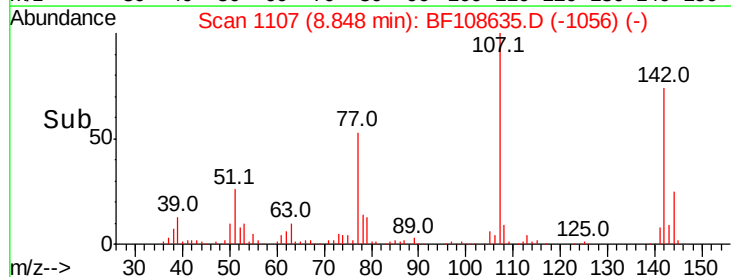
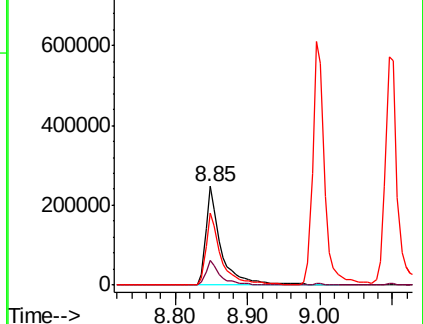
142 73.7 62.0 93.0

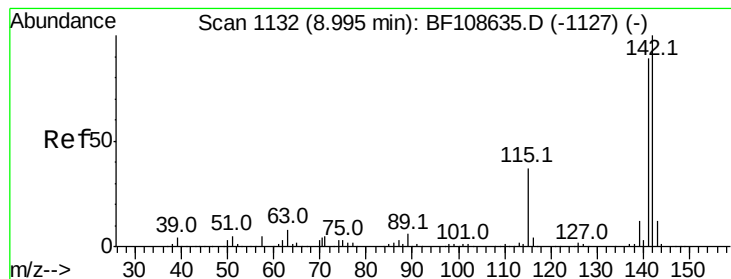


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

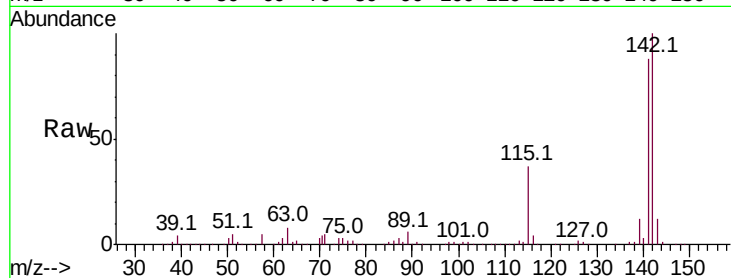




#37
 2-Methylnaphthalene
 Concen: 40.030 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	37.2	26.1	39.1

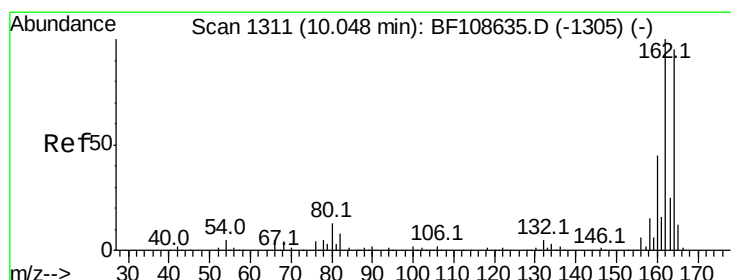
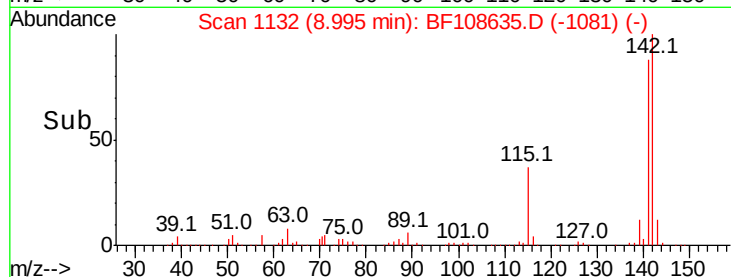
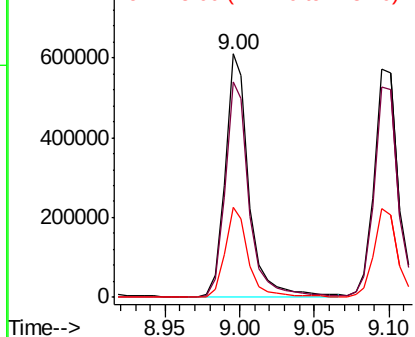


Abundance

Ion 142.00 (141.70 to 142.70): E

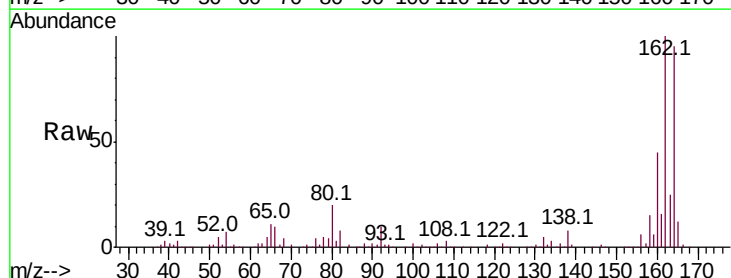
Ion 141.00 (140.70 to 141.70): E

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: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.0	38.3	57.5

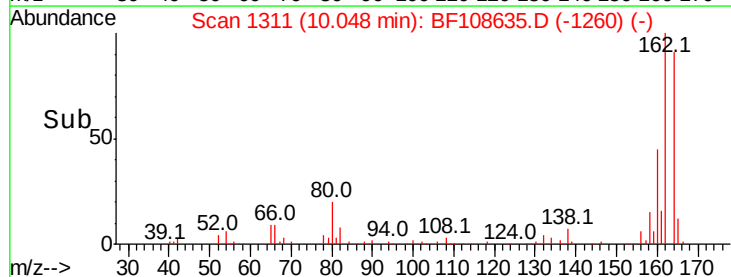
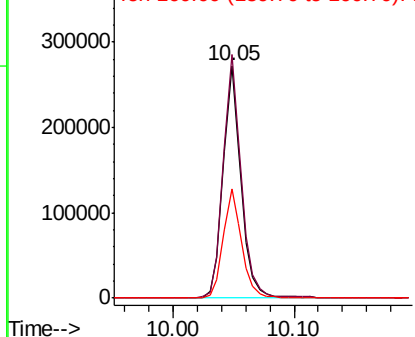


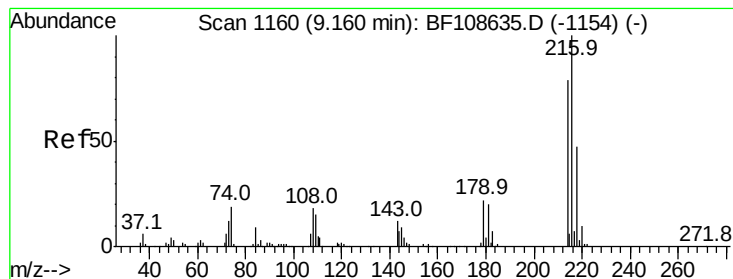
Abundance

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: 46.373 ng

RT: 9.16 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 399133

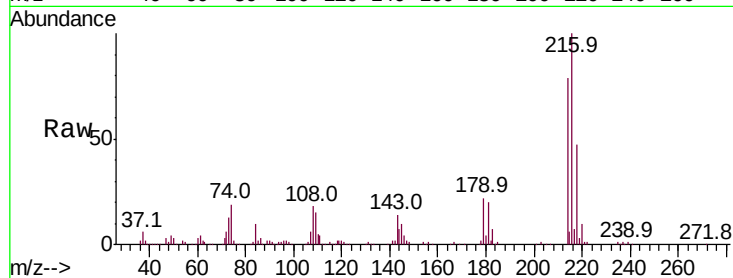
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 20.5 18.1 27.1

108 17.2 17.2 25.8

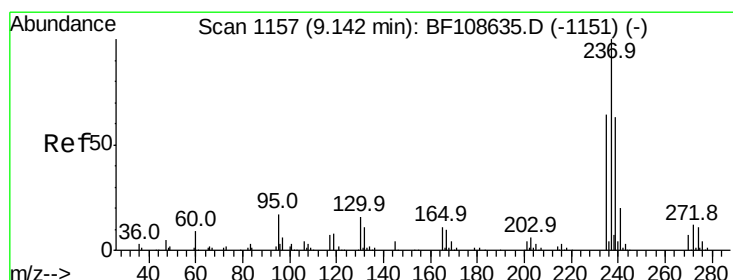
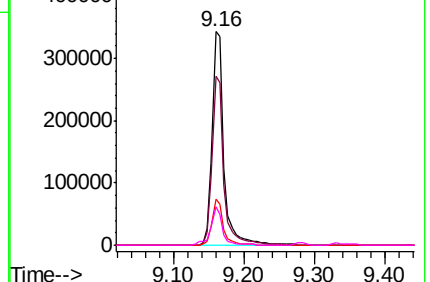
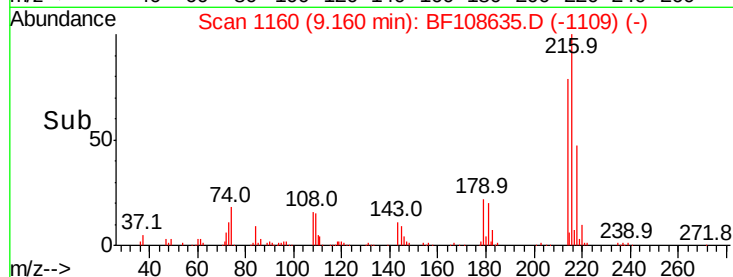


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.371 ng

RT: 9.14 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

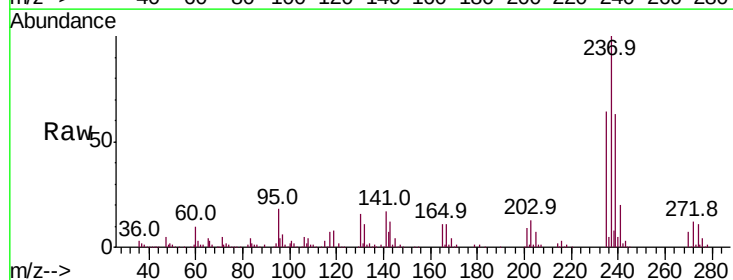
Tgt Ion:237 Resp: 146605

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

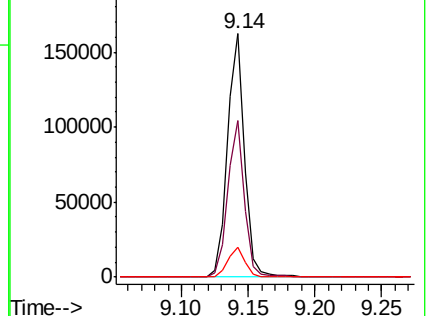
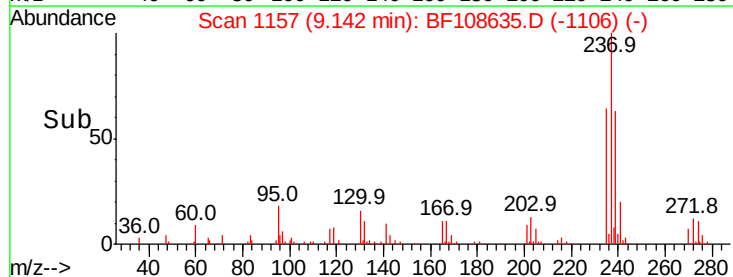
272 12.4 0.0 33.3

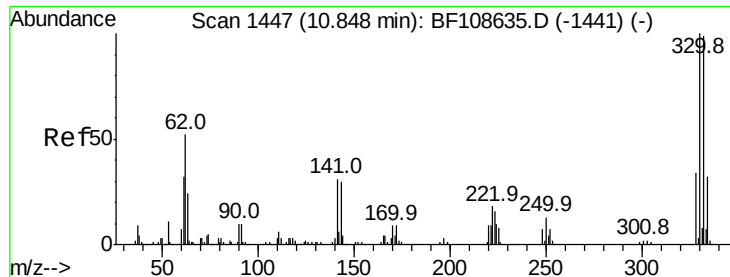


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

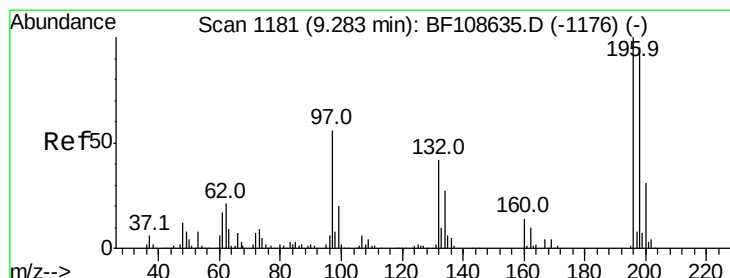
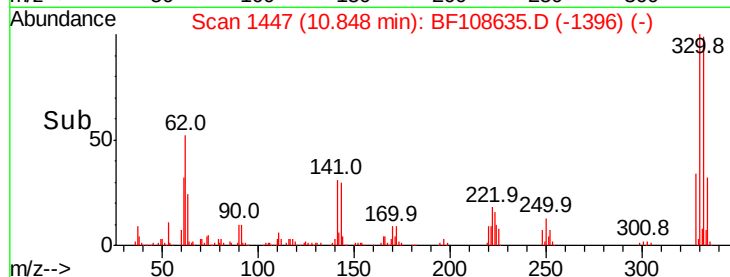
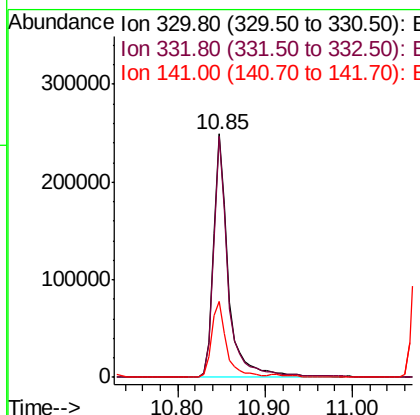
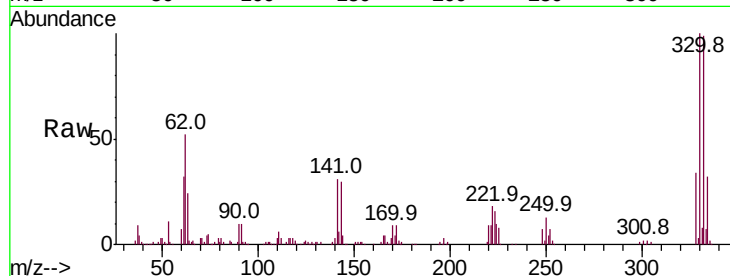




#41
 2,4,6-Tribromophenol
 Concen: 105.743 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

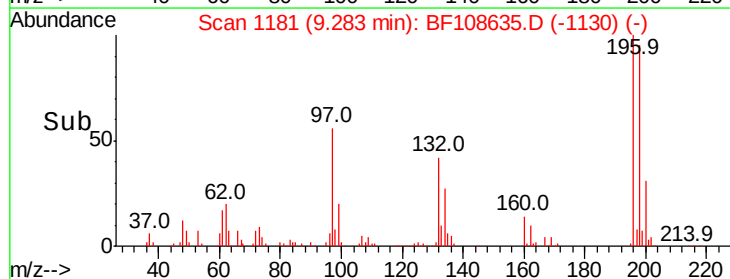
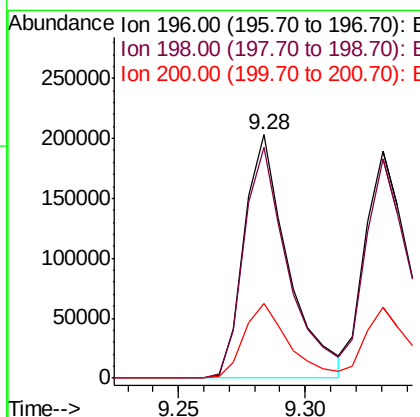
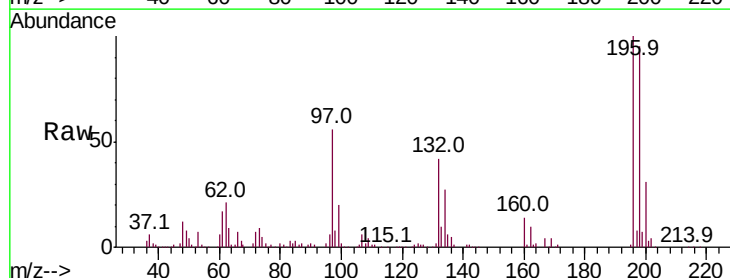
Instrument :
 BNA_F
 ClientSampleId :

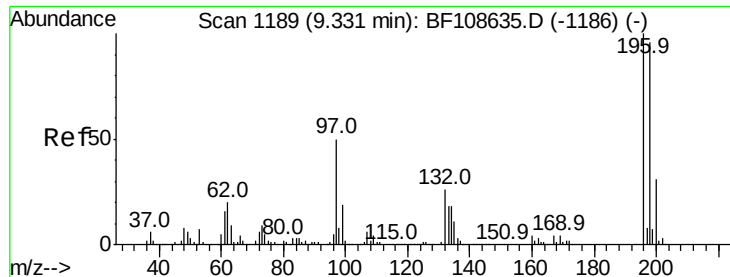
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	31.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.941 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.8	24.5	36.7

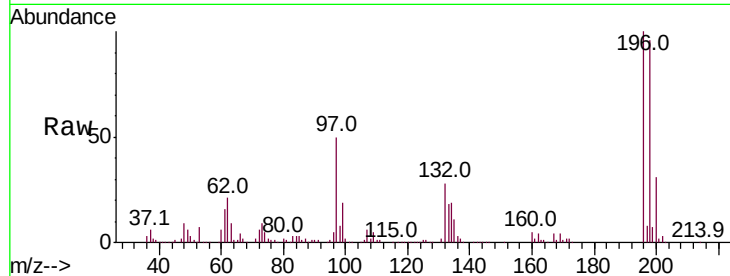




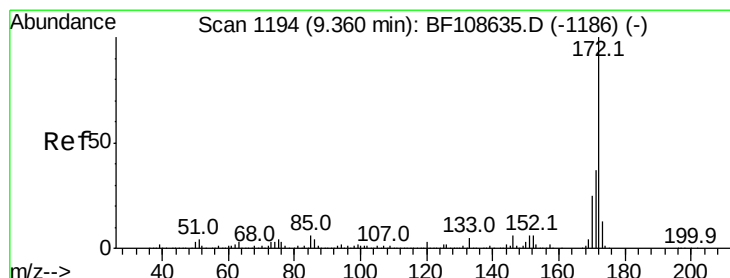
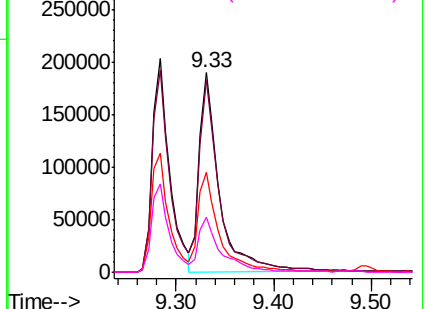
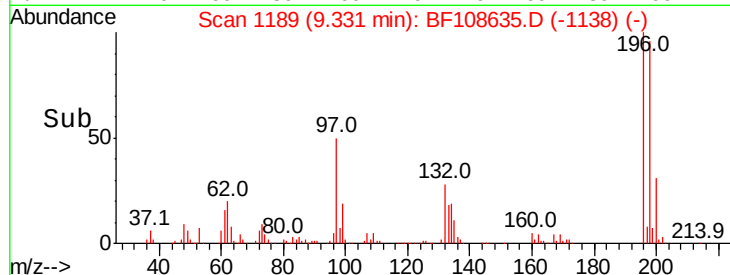
#43
 2,4,5-Trichlorophenol
 Concen: 46.215 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 271720
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.6 112.0
 97 50.2 42.9 64.3
 132 27.7 26.3 39.5

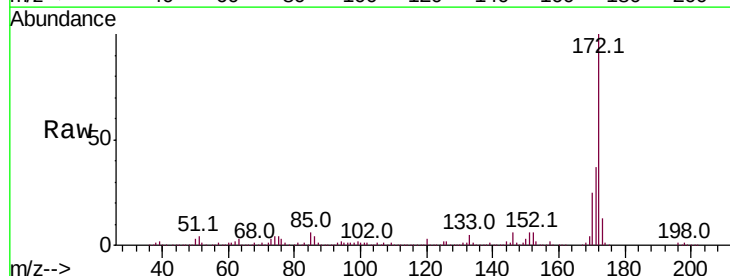


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

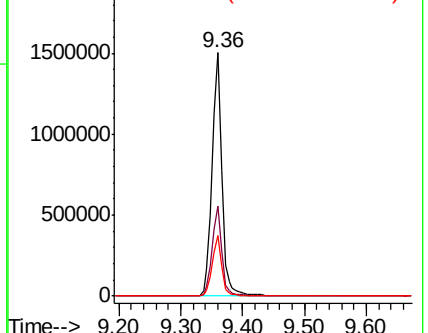
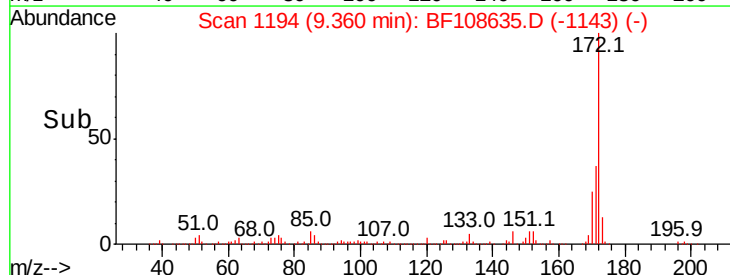


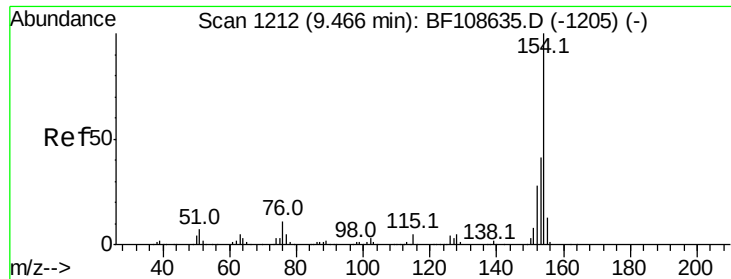
#44
 2-Fluorobiphenyl
 Concen: 93.326 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:172 Resp: 1629226
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.9 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

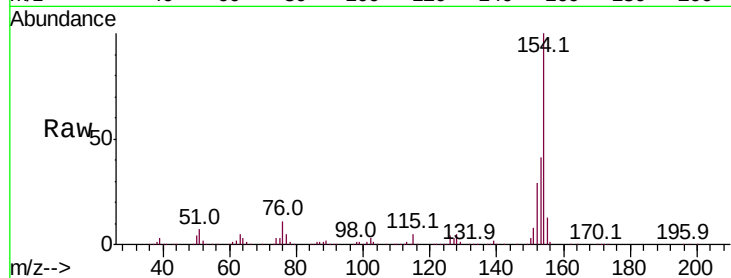




#45
 1,1'-Biphenyl
 Concen: 46.796 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	10.9	0.0	34.0

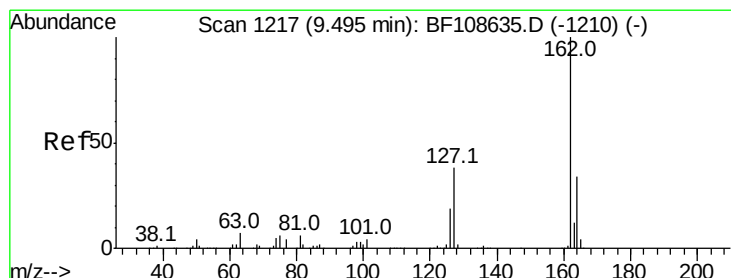
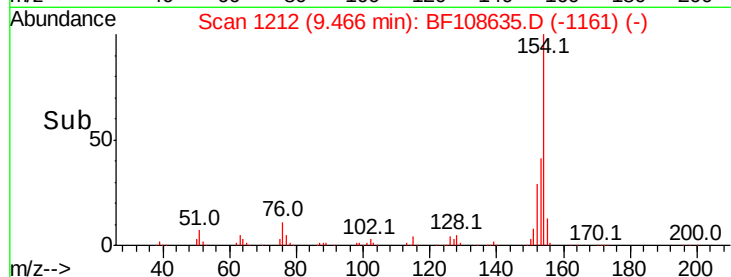
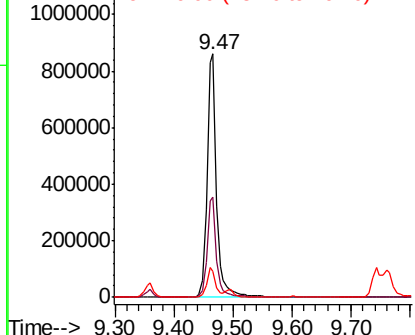


Abundance

Ion 154.00 (153.70 to 154.70): E

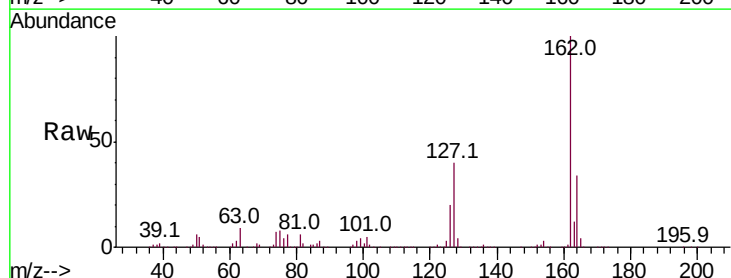
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 46.537 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	33.5	26.5	39.7

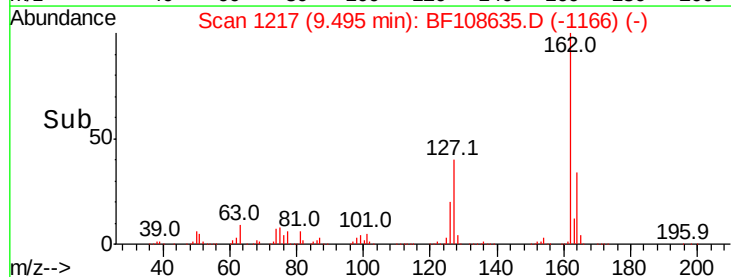
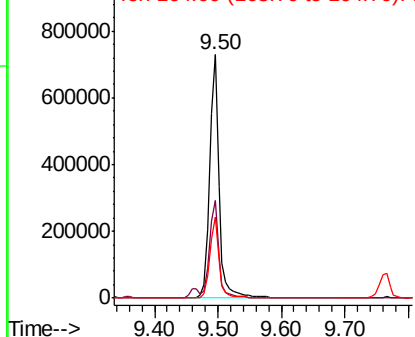


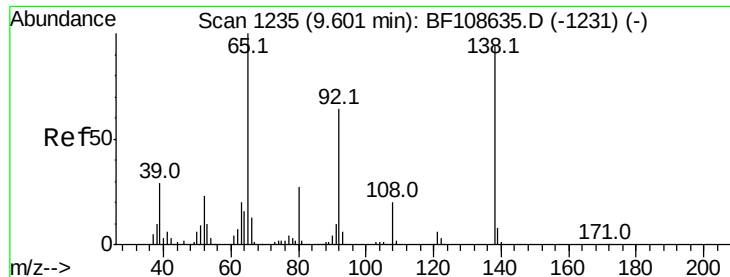
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.978 ng

RT: 9.60 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

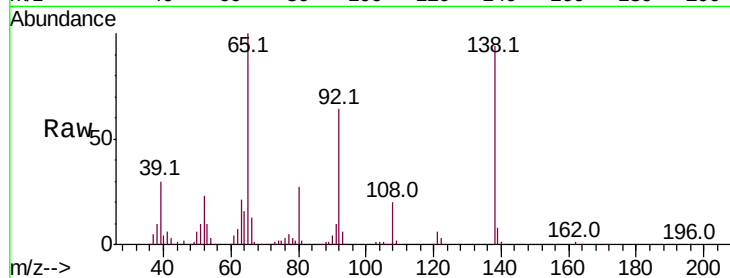
Tot Ion: 65 Resp: 258827

Ion Ratio Lower Upper

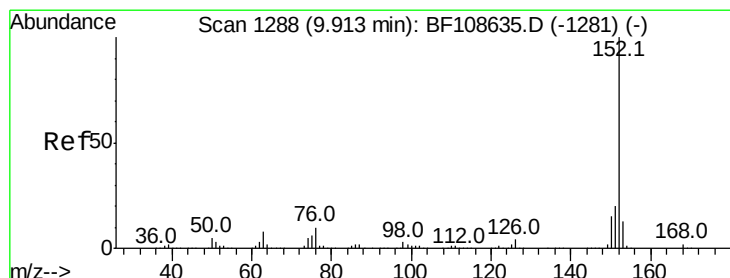
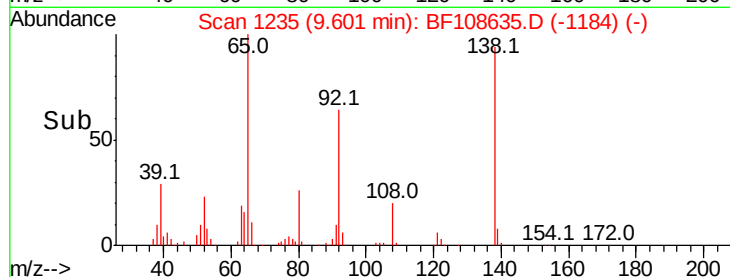
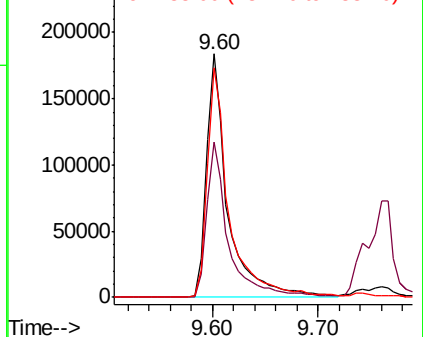
65 100

92 63.8 55.8 83.6

138 94.2 91.2 136.8



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



#48

Acenaphthylene

Concen: 43.167 ng

RT: 9.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

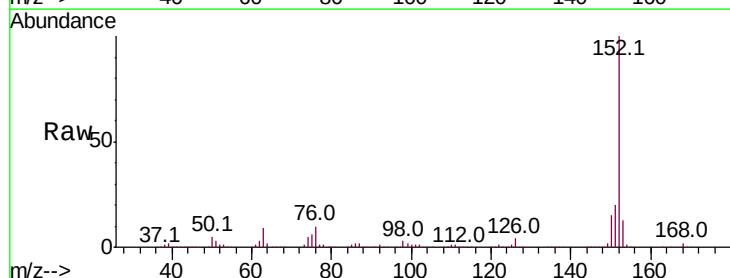
Tgt Ion: 152 Resp: 1114610

Ion Ratio Lower Upper

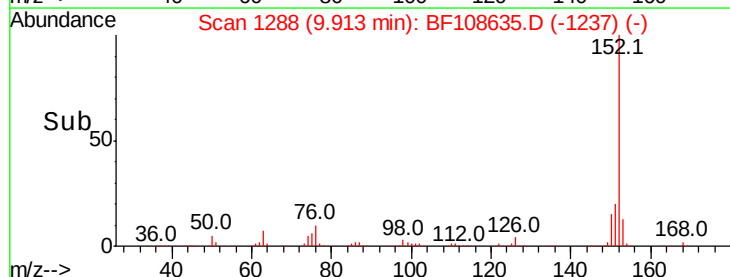
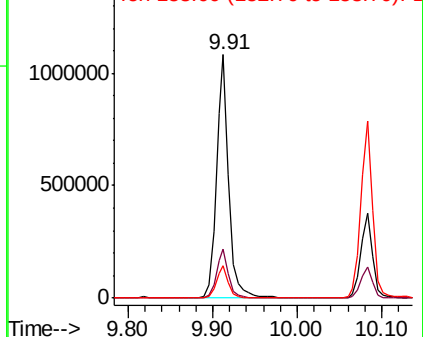
152 100

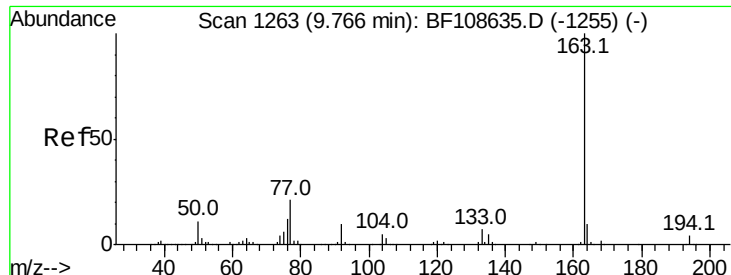
151 20.4 16.3 24.5

153 13.3 10.7 16.1



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

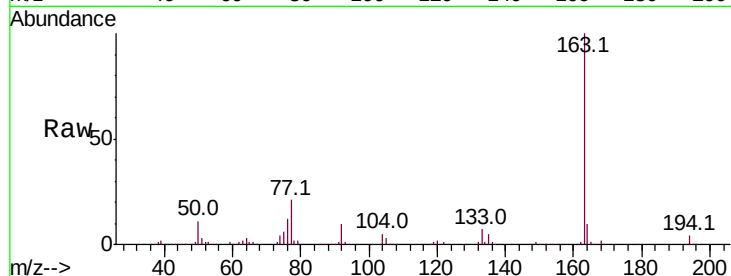




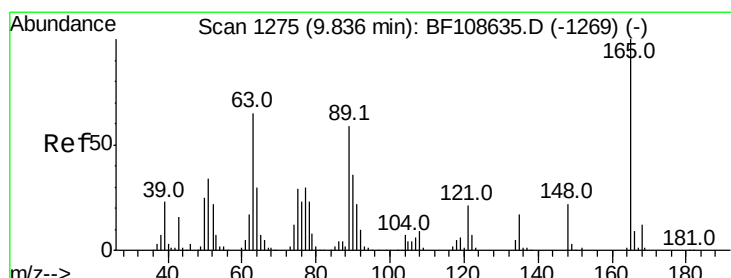
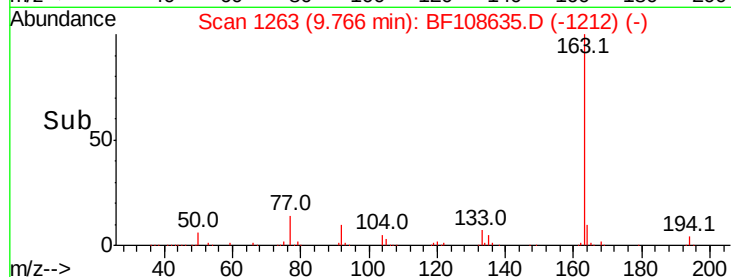
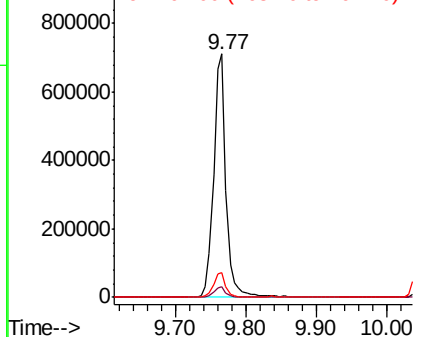
#49
 Dimethylphthalate
 Concen: 44.777 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 874204
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.2 8.2 12.2

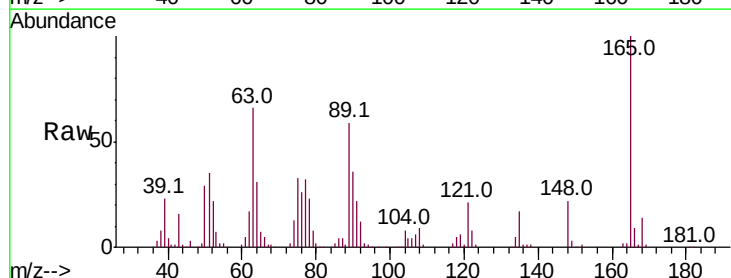


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

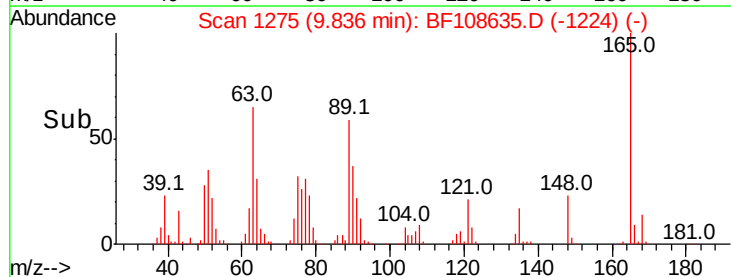
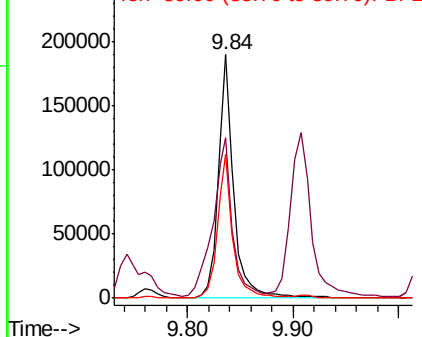


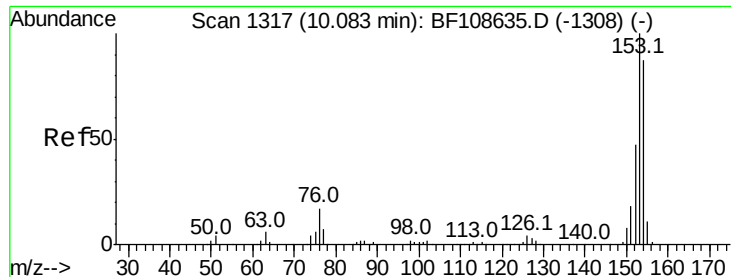
#50
 2,6-Dinitrotoluene
 Concen: 48.197 ng
 RT: 9.84 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:165 Resp: 196870
 Ion Ratio Lower Upper
 165 100
 63 66.1 44.7 67.1
 89 58.8 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: 40.947 ng

RT: 10.08 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampled :

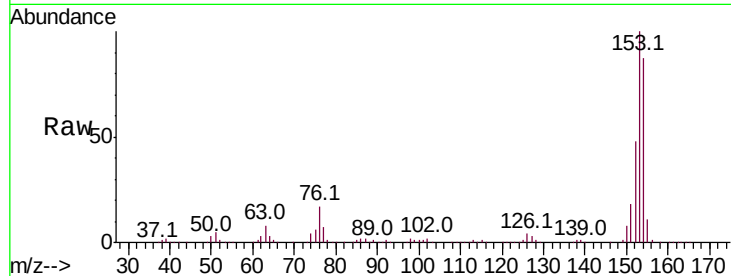
Tot Ion:154 Resp: 647568

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

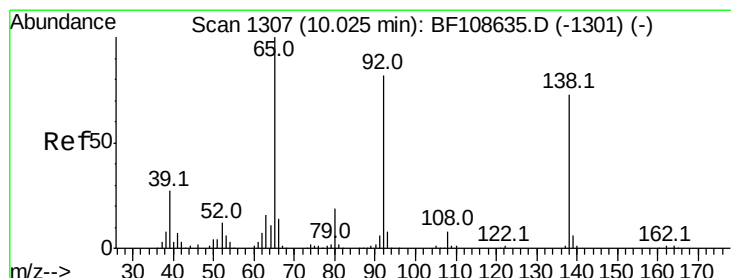
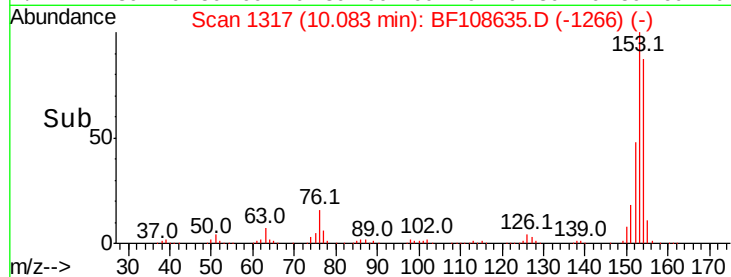
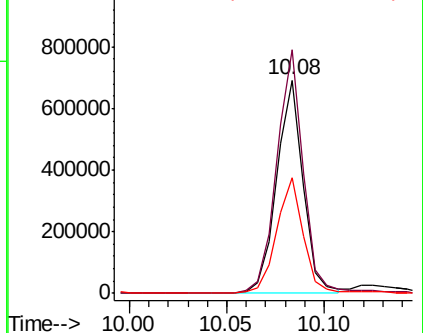
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.439 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

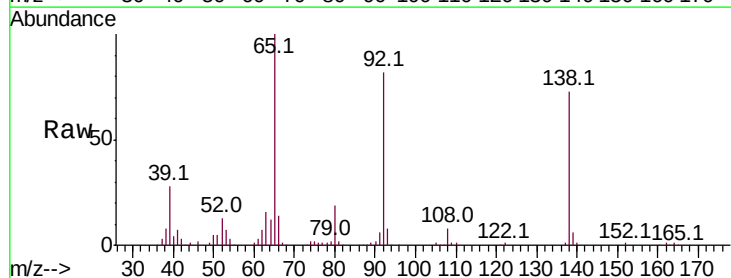
Tgt Ion:138 Resp: 212012

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

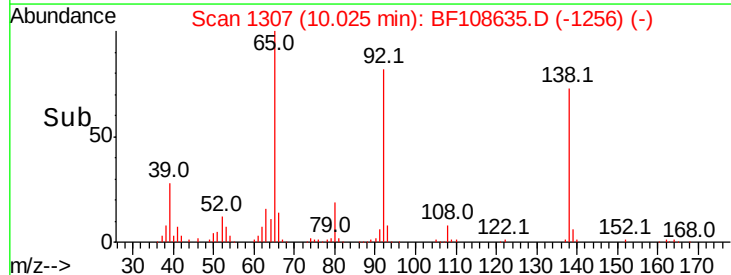
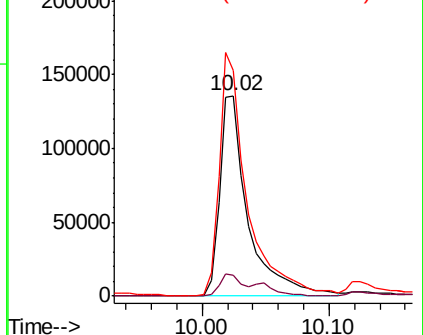
92 112.4 89.4 134.2

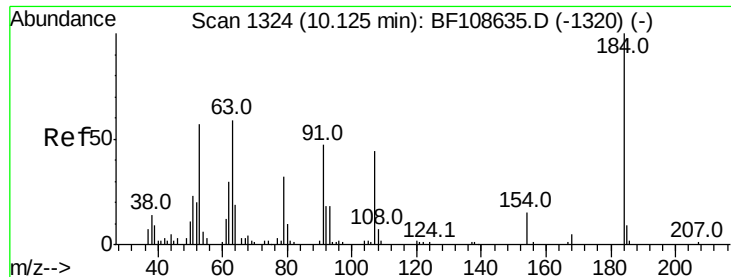


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

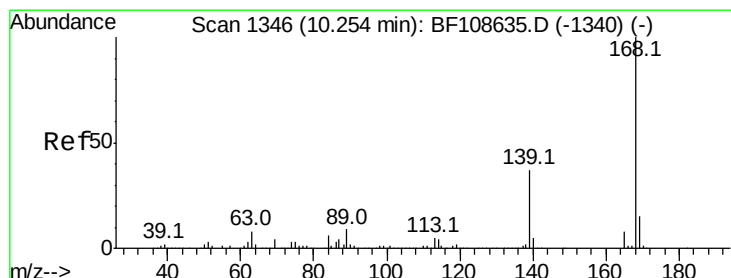
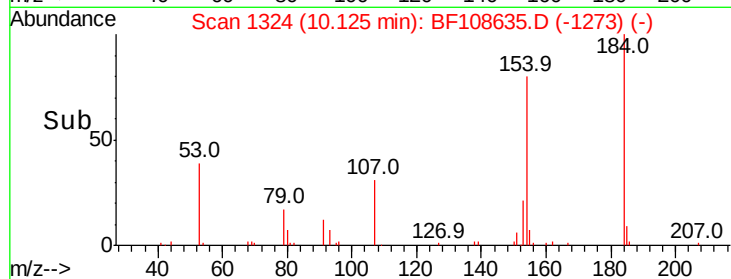
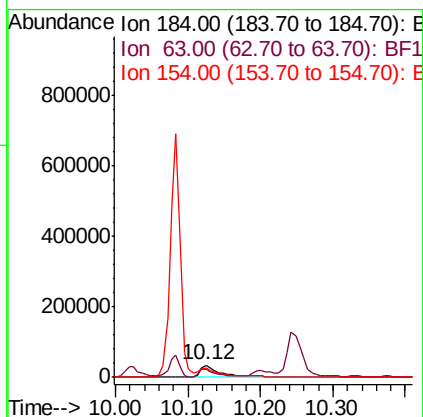
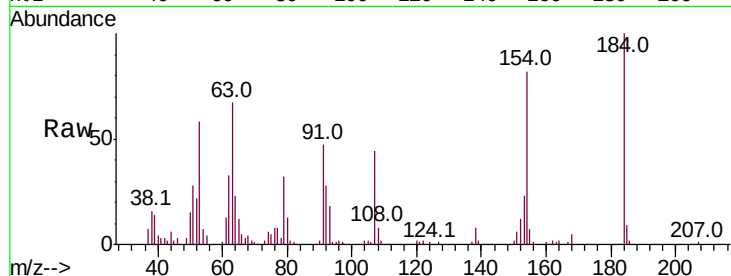




#53
 2,4-Dinitrophenol
 Concen: 53.328 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

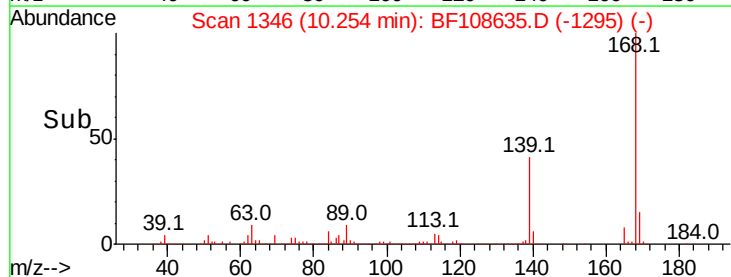
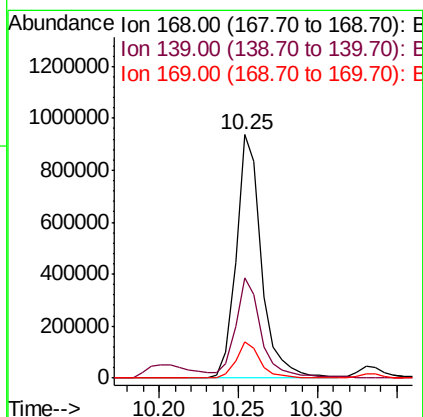
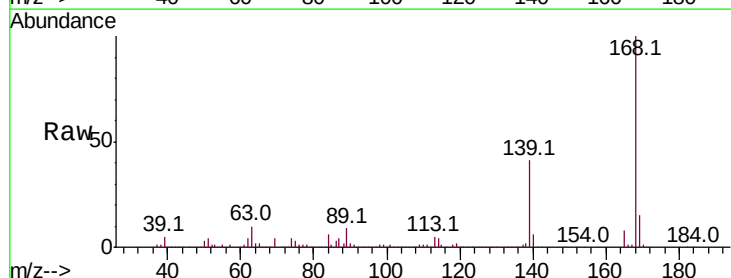
Instrument :
 BNA_F
 ClientSampled :

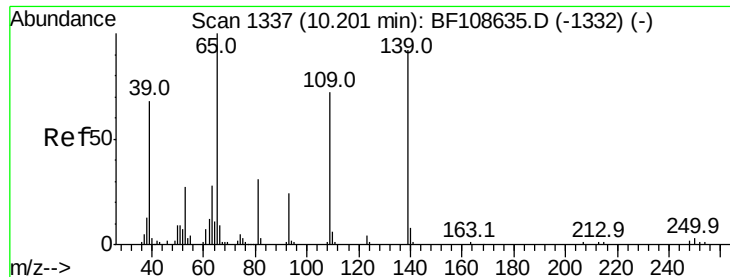
Tot Ion:184 Resp: 68460
 Ion Ratio Lower Upper
 184 100
 63 67.0 54.2 81.2
 154 81.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 45.173 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:168 Resp: 1035032
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.1 45.1
 169 14.7 10.9 16.3

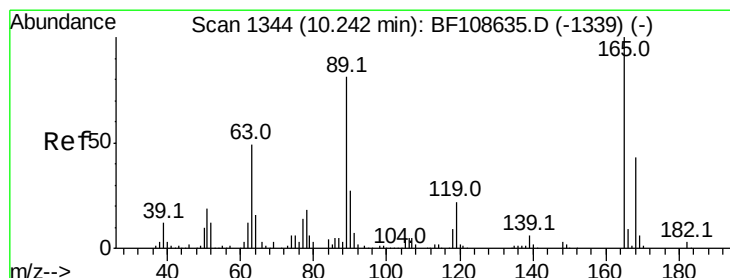
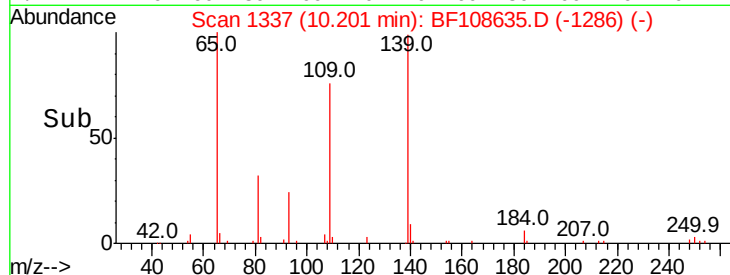
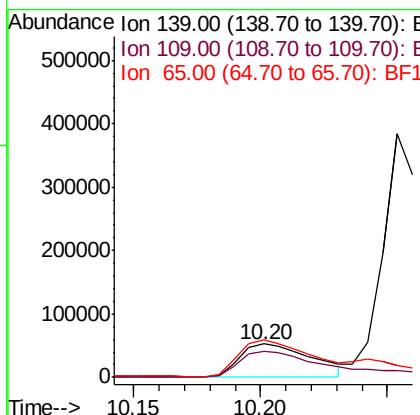
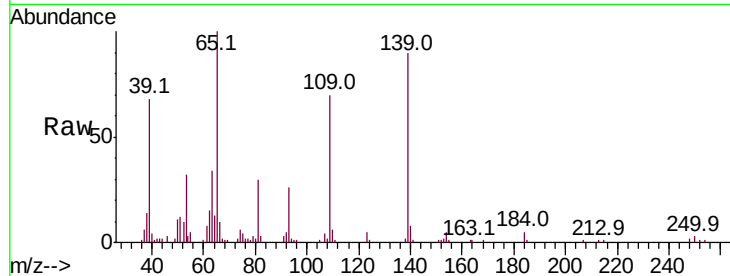




#55
4-Nitrophenol
Concen: 30.953 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

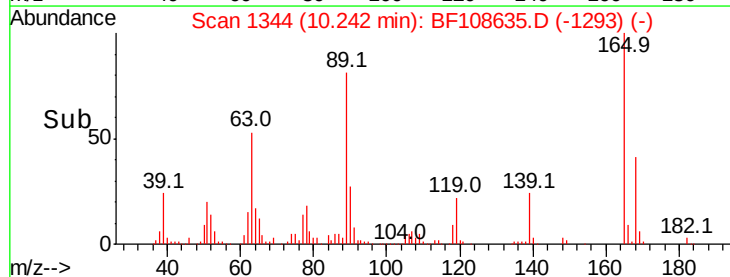
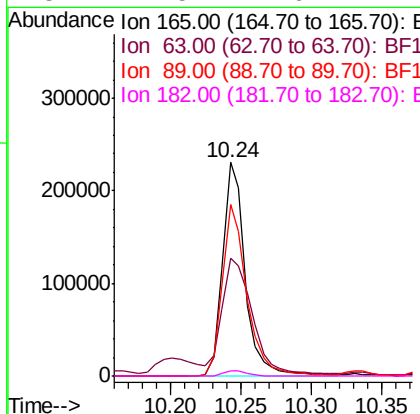
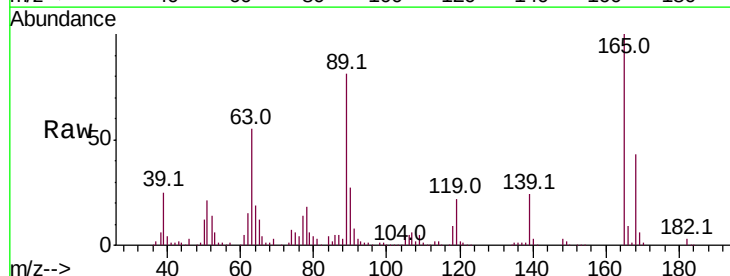
Instrument :
BNA_F
ClientSampled :

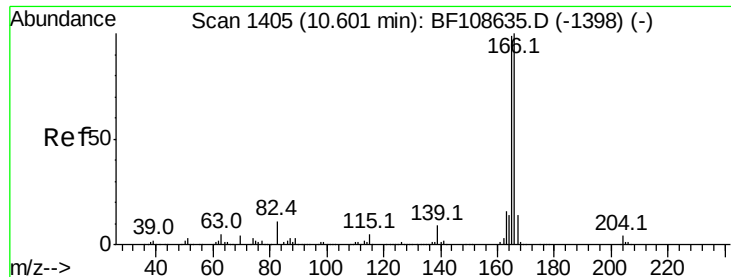
Tot Ion	Ratio	Lower	Upper
139	100		
109	78.1	48.4	88.4
65	110.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 48.908 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	36.4	54.6#
89	80.6	57.8	86.6
182	2.5	1.6	2.4#

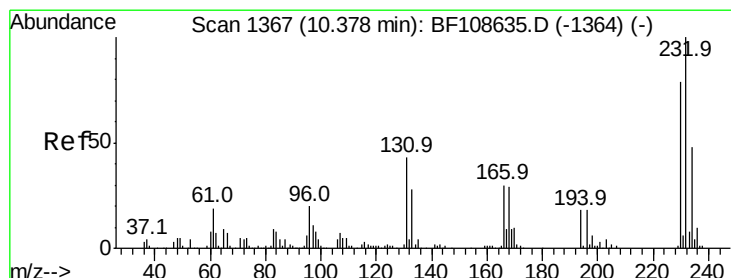
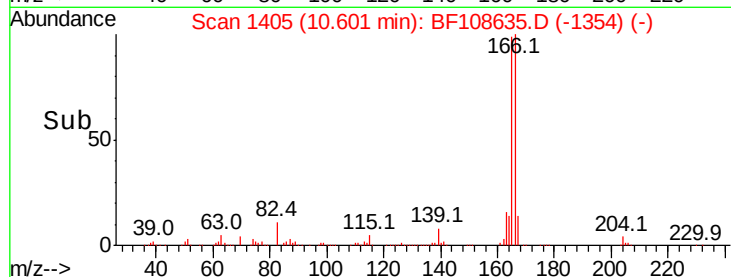
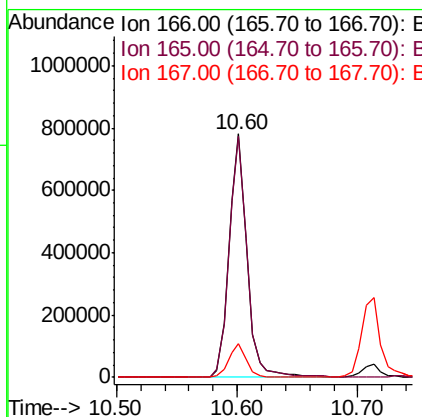
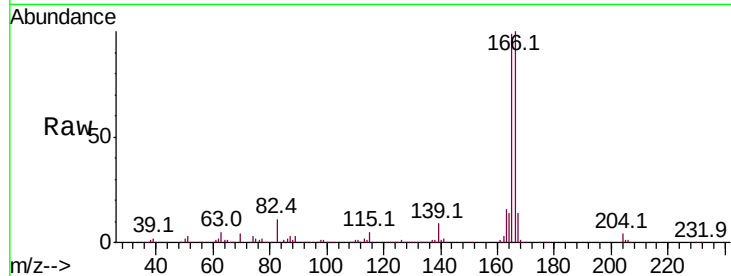




#57
 Fluorene
 Concen: 44.095 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

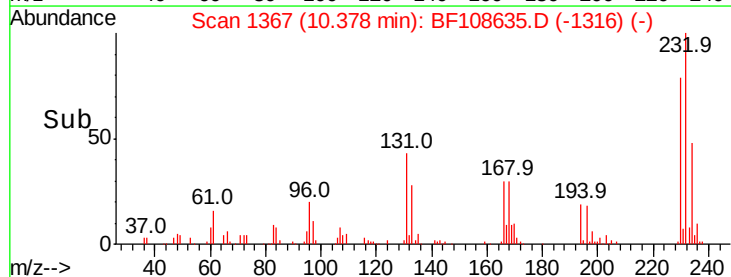
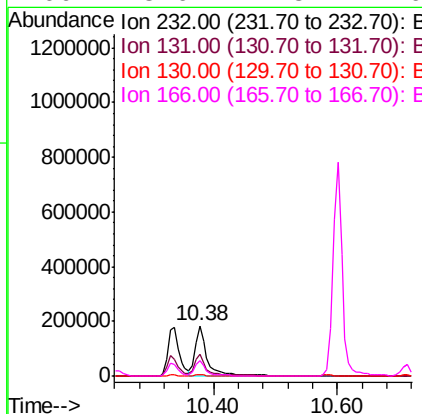
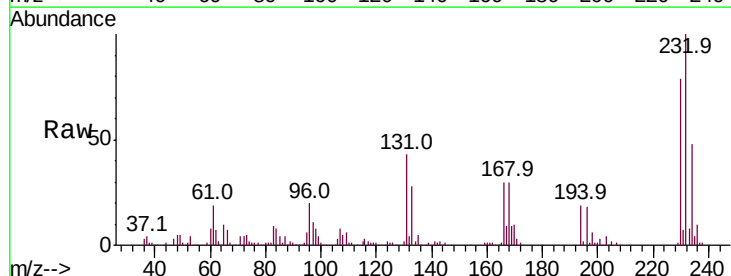
Instrument :
 BNA_F
 ClientSampled :

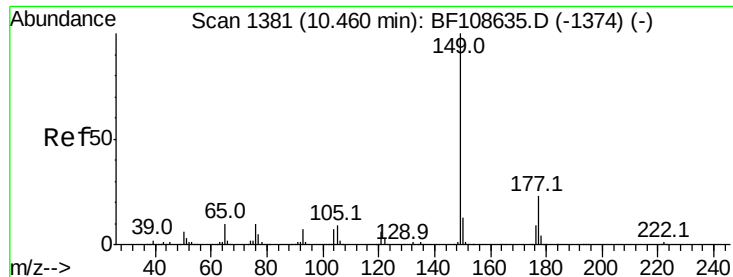
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.724 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.6	43.8	65.8#
130	2.1	2.1	3.1#
166	28.6	27.8	41.6

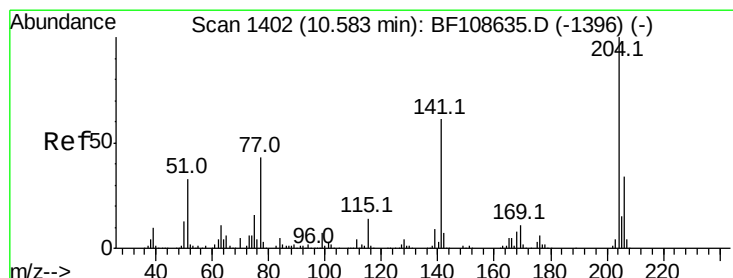
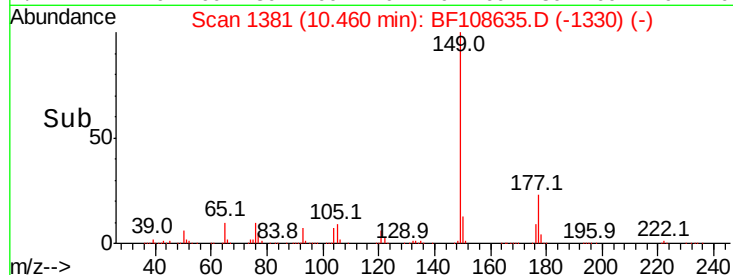
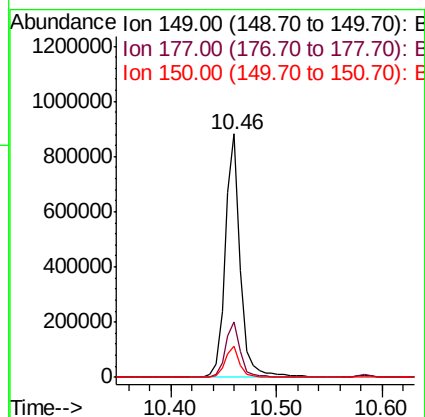
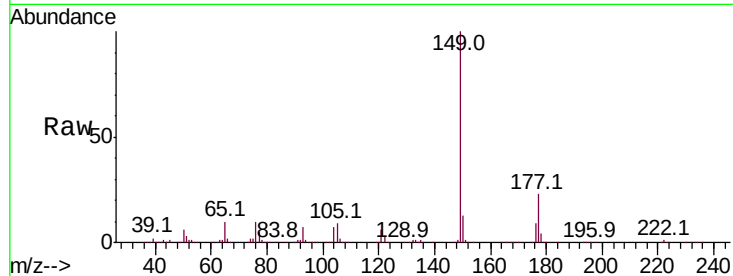




#59
Diethylphthalate
Concen: 46.381 ng
RT: 10.46 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

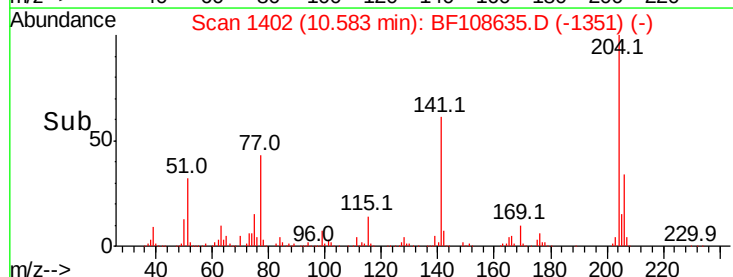
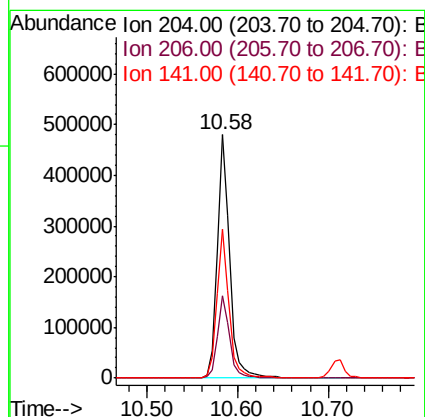
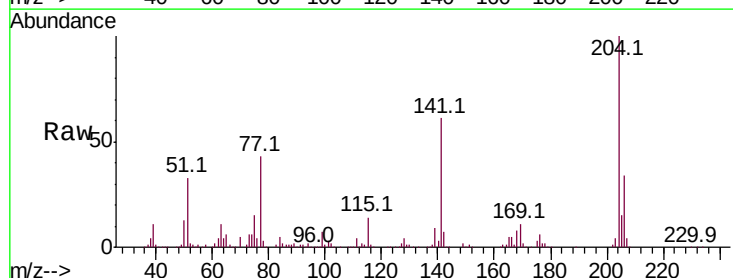
Instrument :
BNA_F
ClientSampled :

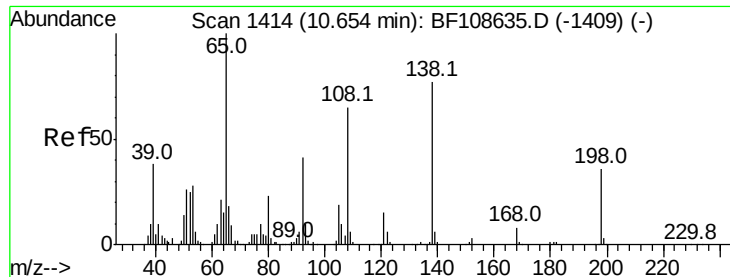
Tot Ion:149 Resp: 876838
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.003 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion:204 Resp: 453686
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 61.3 54.6 81.8

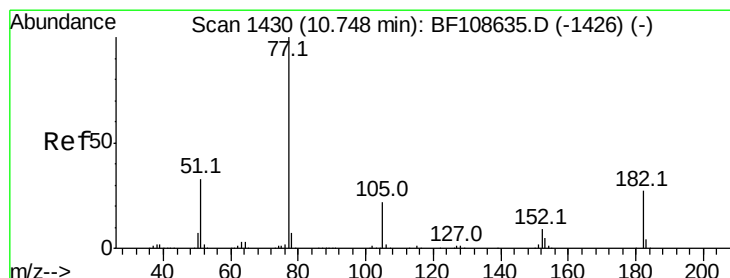
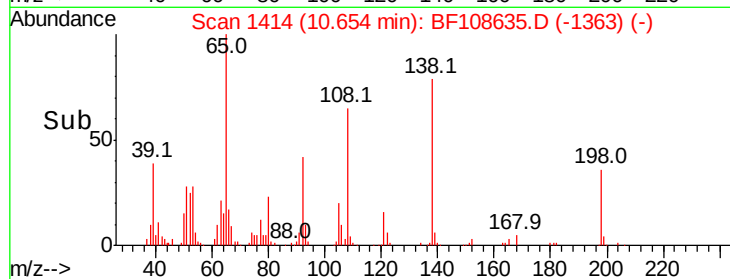
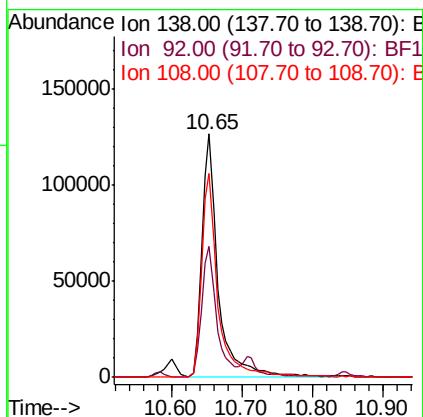
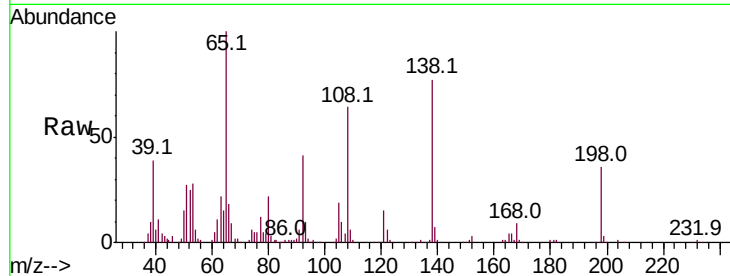




#61
4-Nitroaniline
Concen: 45.618 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

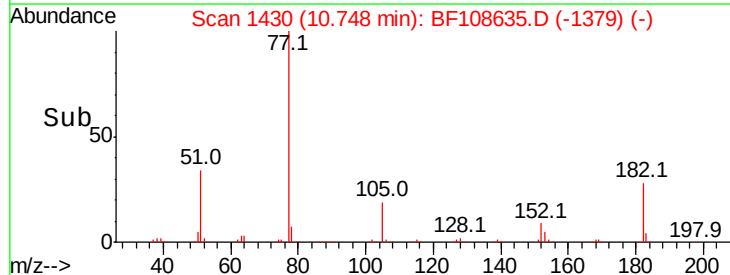
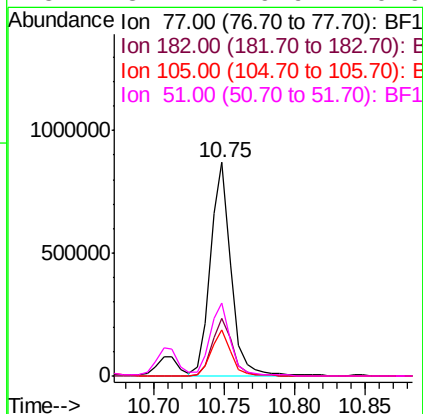
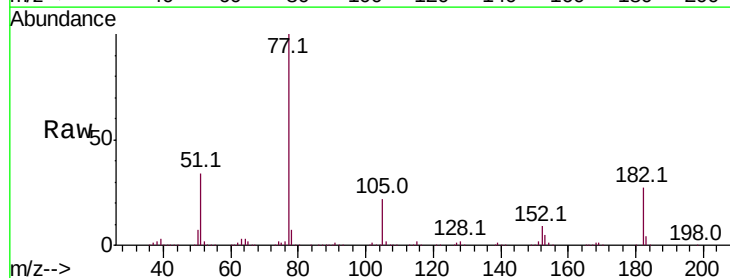
Instrument :
BNA_F
ClientSampled :

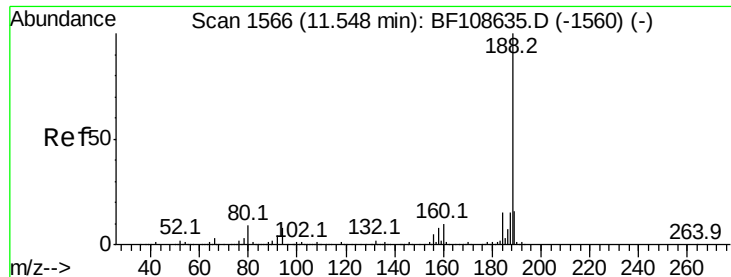
Tot Ion:138 Resp: 201566
Ion Ratio Lower Upper
138 100
92 53.6 30.2 70.2
108 83.7 52.5 92.5



#62
Azobenzene
Concen: 44.318 ng
RT: 10.75 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion: 77 Resp: 865264
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 21.6 3.0 43.0
51 34.2 9.9 49.9

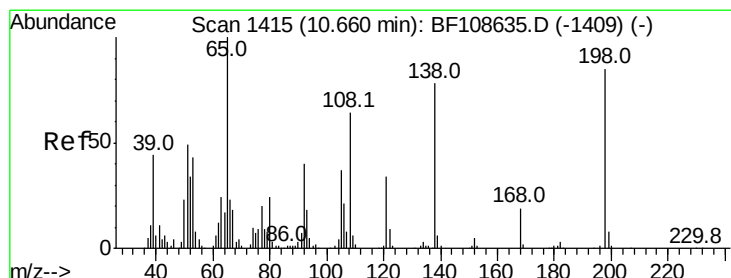
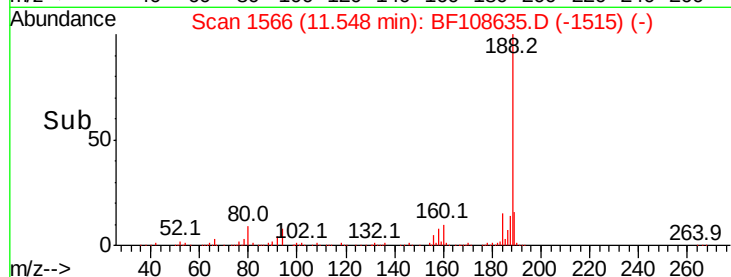
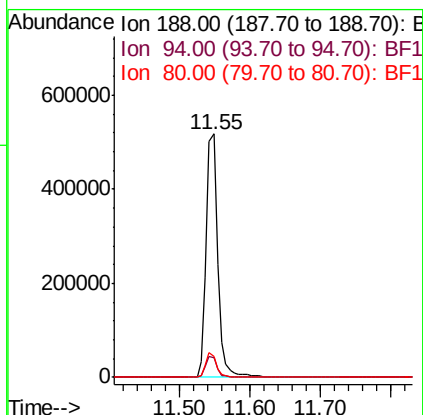
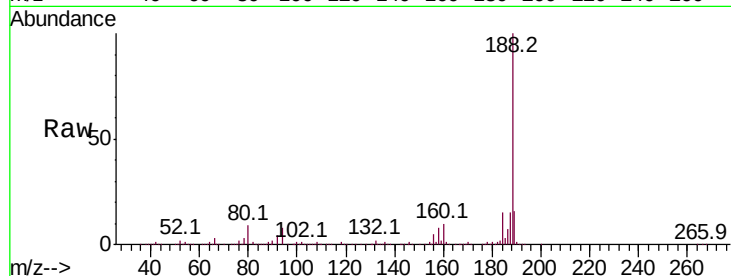




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

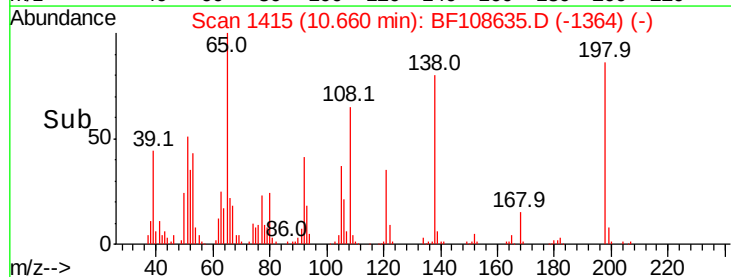
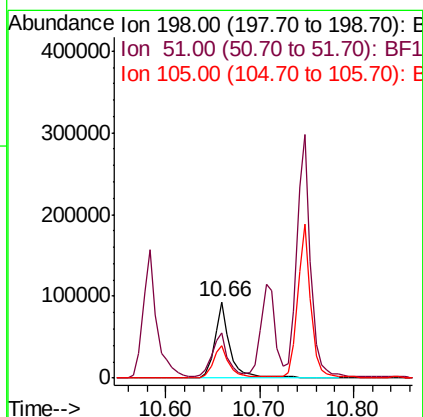
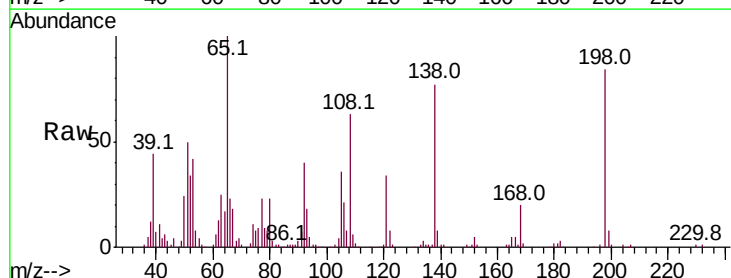
Instrument :
BNA_F
ClientSampleId :

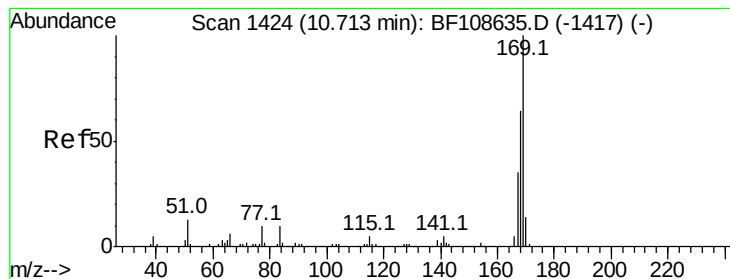
Tot Ion:188 Resp: 593078
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.8 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 52.402 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion:198 Resp: 107119
Ion Ratio Lower Upper
198 100
51 59.8 37.7 77.7
105 43.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 44.390 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

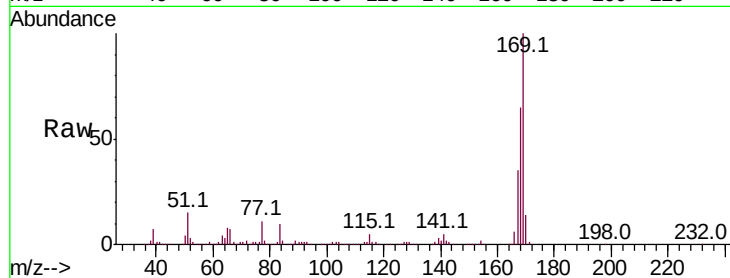
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 777982

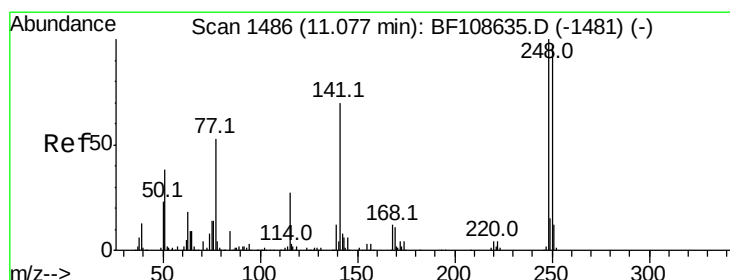
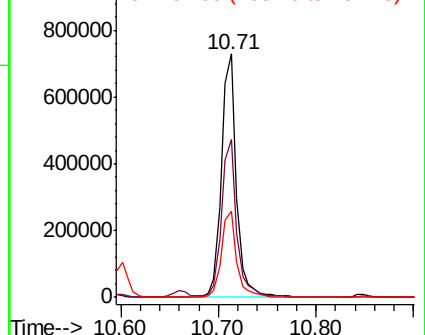
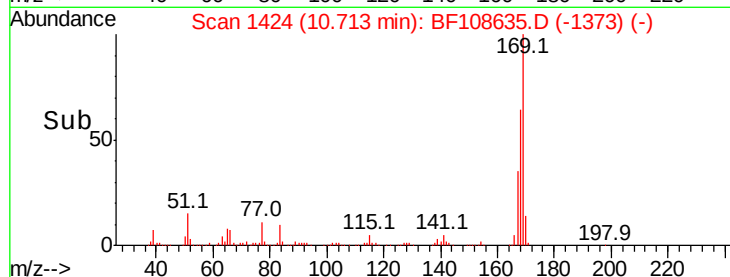
Ion	Ratio	Lower	Upper
169	100		
168	64.9	54.4	81.6
167	35.3	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

1000000 Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.186 ng

RT: 11.08 min Scan# 1486

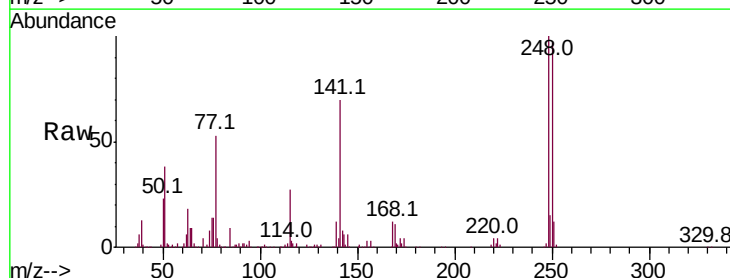
Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Tgt Ion:248 Resp: 291230

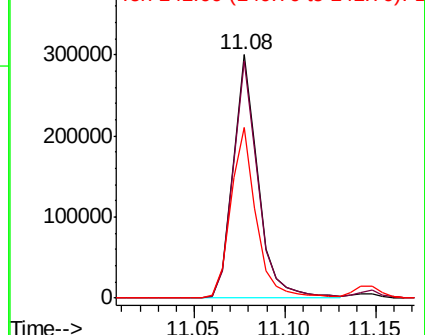
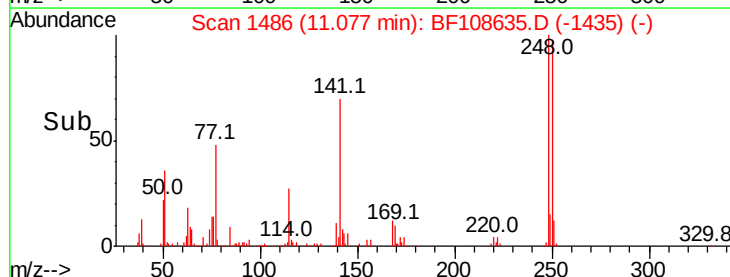
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	69.9	74.4	111.6

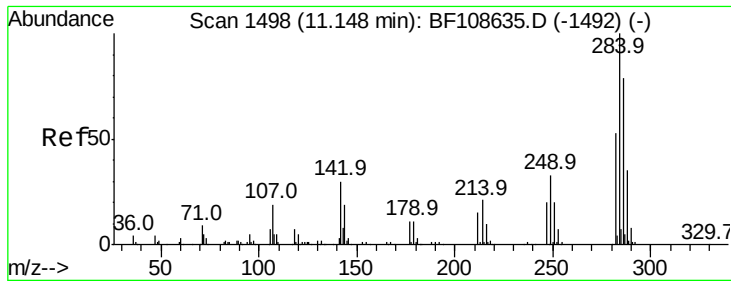


Abundance Ion 248.00 (247.70 to 248.70): E

400000 Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

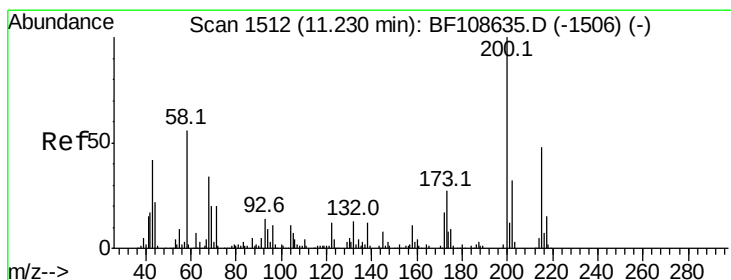
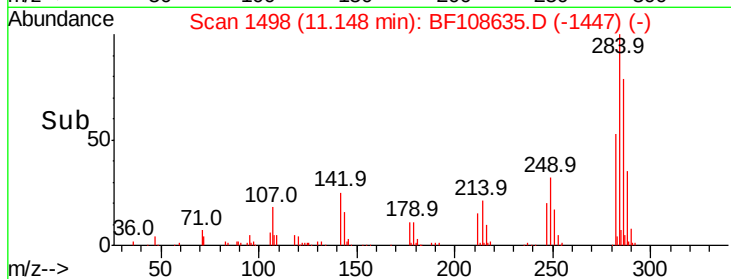
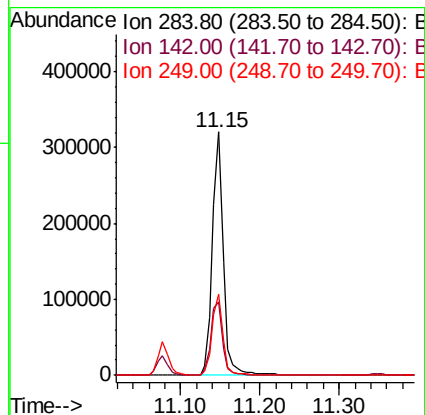
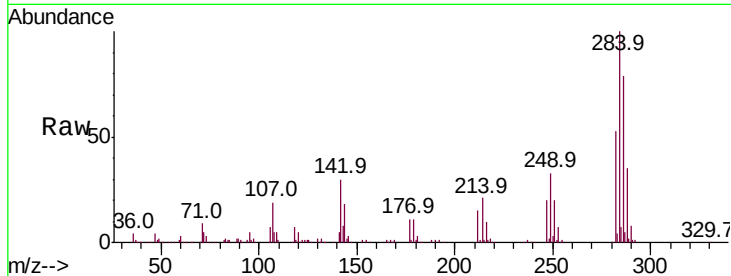




#67
Hexachlorobenzene
Concen: 45.473 ng
RT: 11.15 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

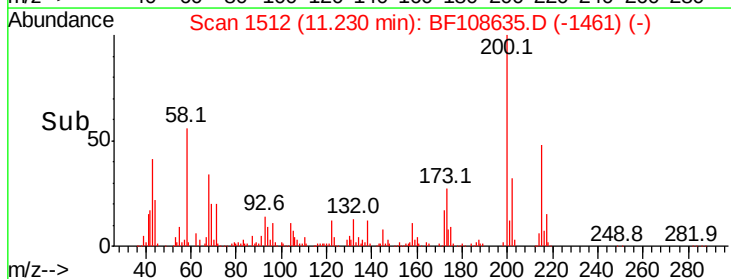
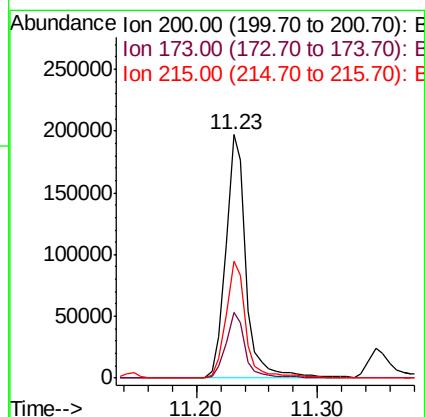
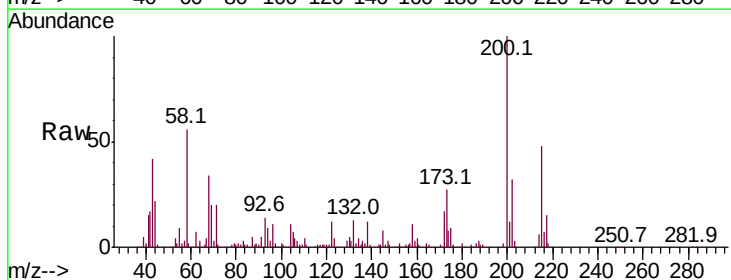
Instrument :
BNA_F
ClientSampleId :

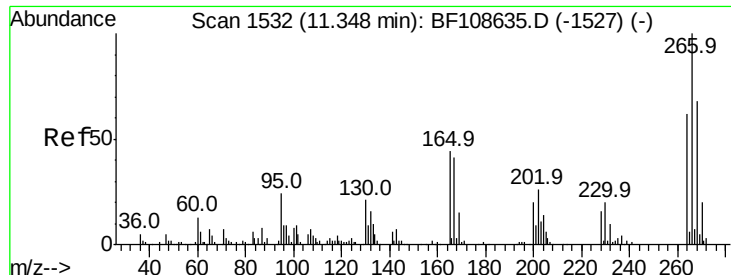
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	34.6	52.0#
249	33.4	24.8	37.2



#68
Atrazine
Concen: 38.793 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.6	48.6
215	47.9	25.1	65.1

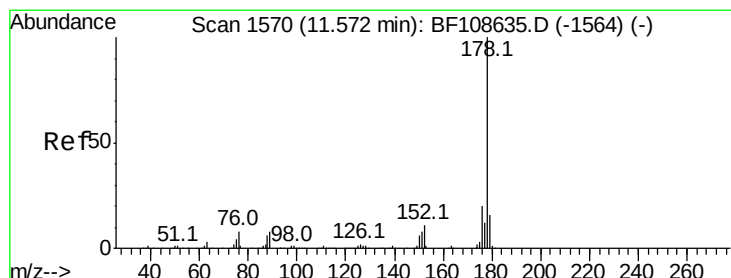
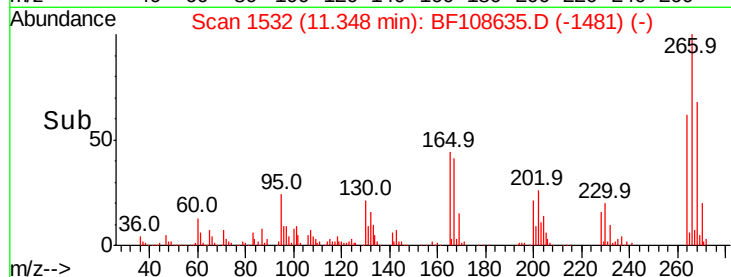
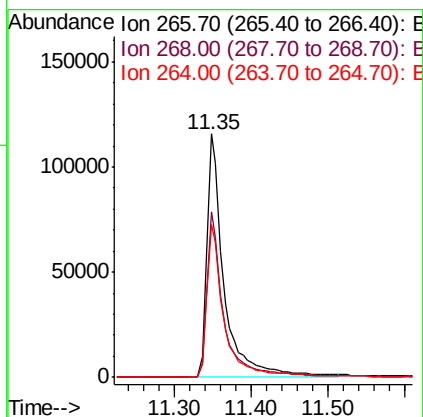
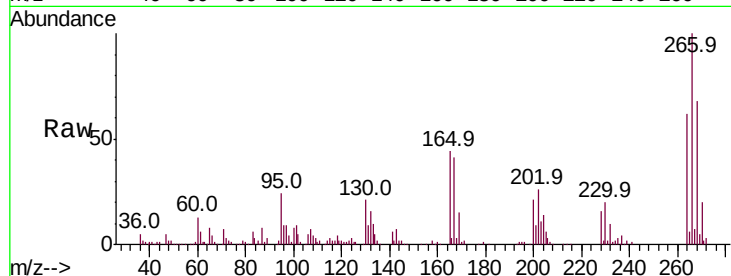




#69
 Pentachlorophenol
 Concen: 55.153 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

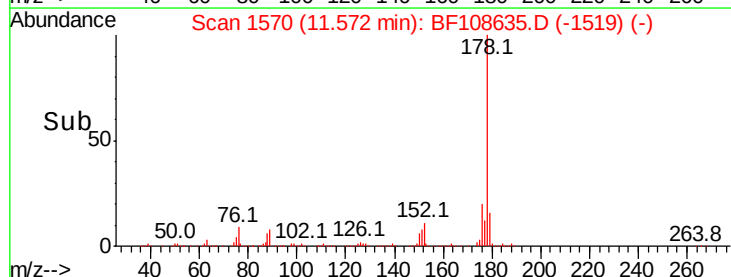
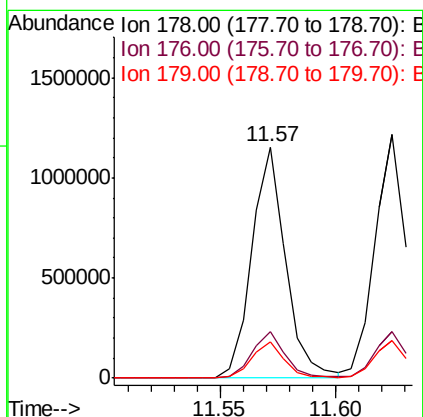
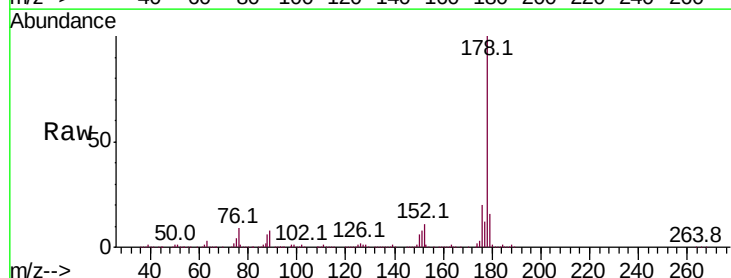
Instrument :
 BNA_F
 ClientSampleId :

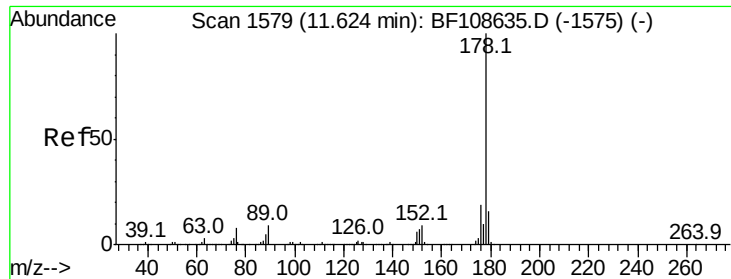
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 42.348 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.9	13.0	19.6

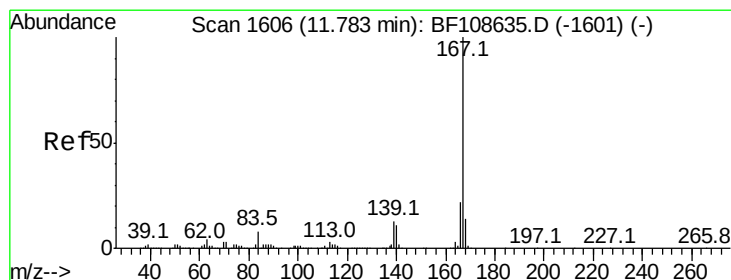
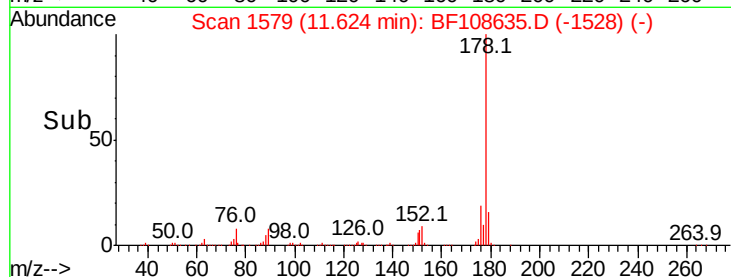
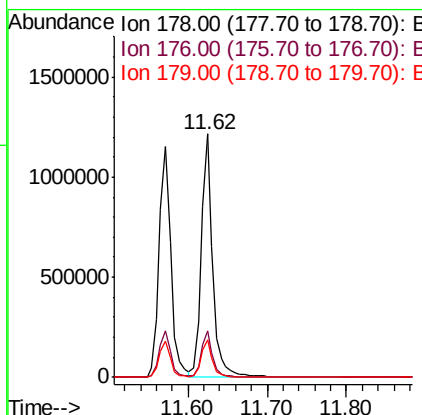
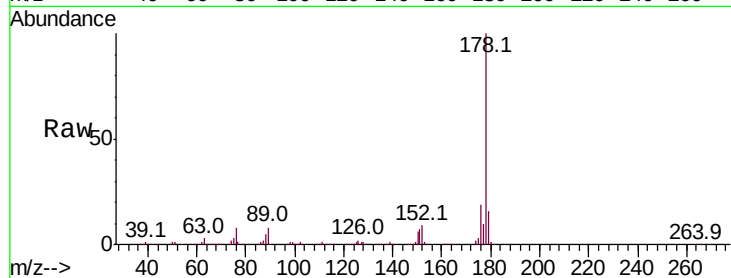




#71
 Anthracene
 Concen: 43.314 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

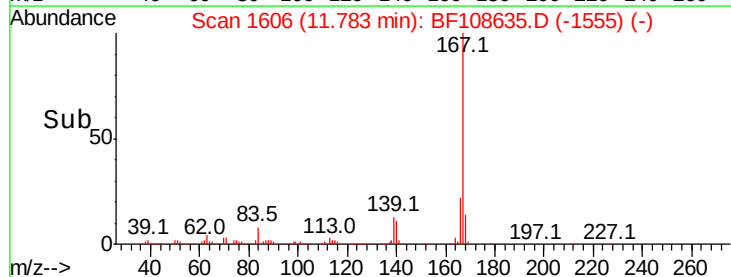
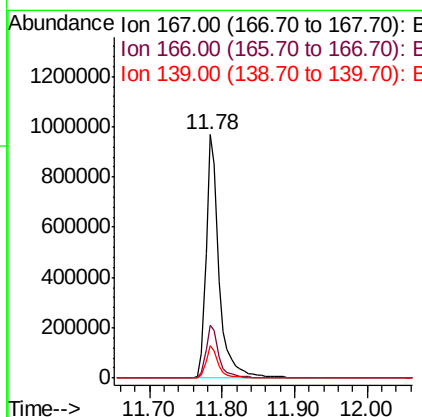
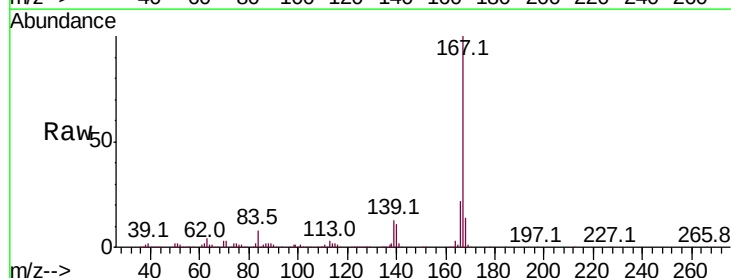
Instrument :
 BNA_F
 ClientSampleId :

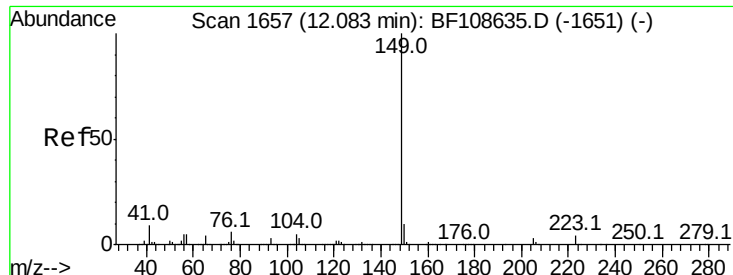
Tot Ion:178 Resp: 1241850
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 47.070 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:167 Resp: 1199017
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.5 10.9 16.3

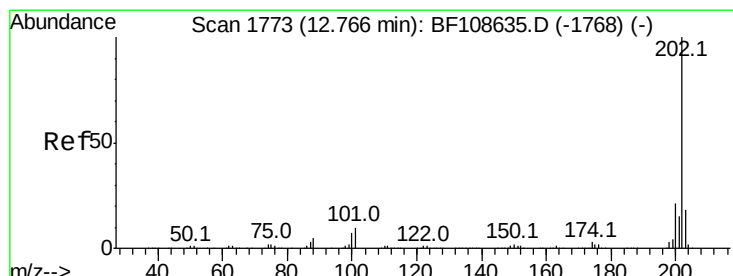
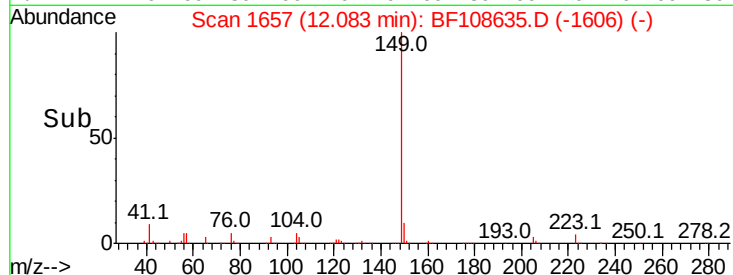
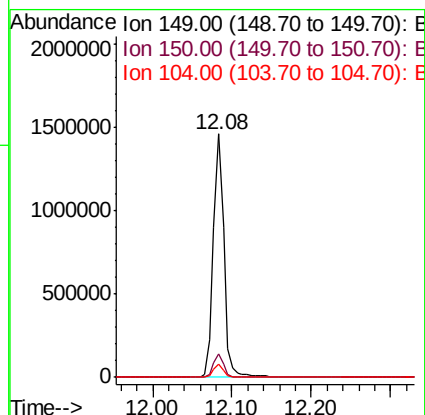
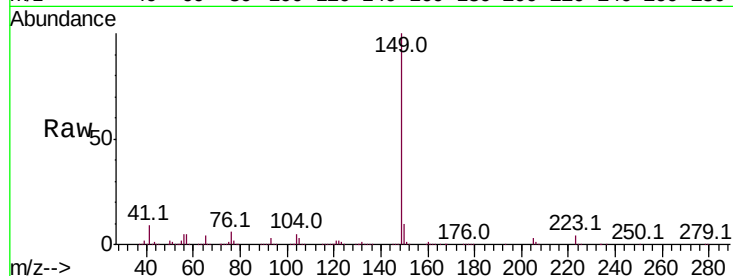




#73
Di-n-butylphthalate
Concen: 47.491 ng
RT: 12.08 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

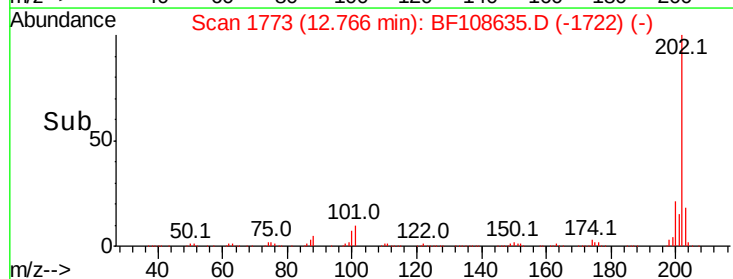
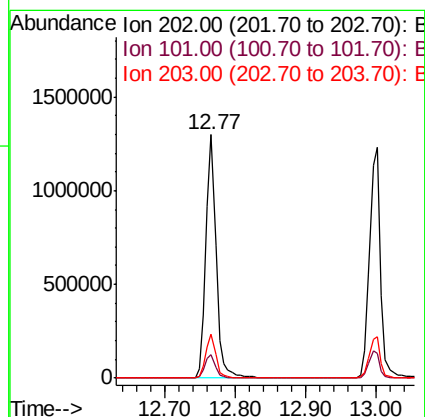
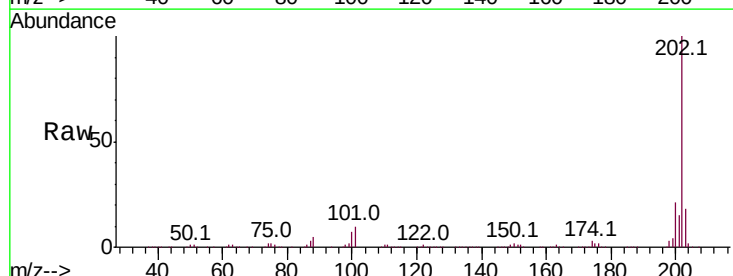
Instrument :
BNA_F
ClientSampleId :

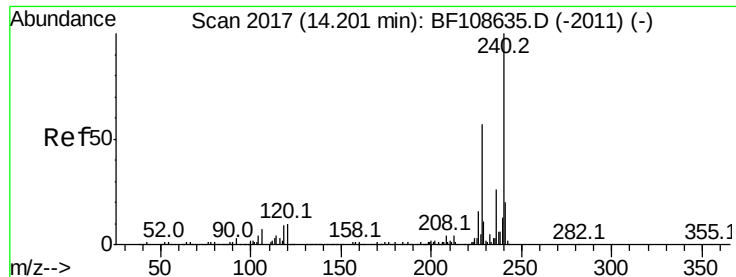
Tot Ion:149 Resp: 1370247
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.4 3.8 5.8



#74
Fluoranthene
Concen: 43.255 ng
RT: 12.77 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion:202 Resp: 1320545
Ion Ratio Lower Upper
202 100
101 9.8 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

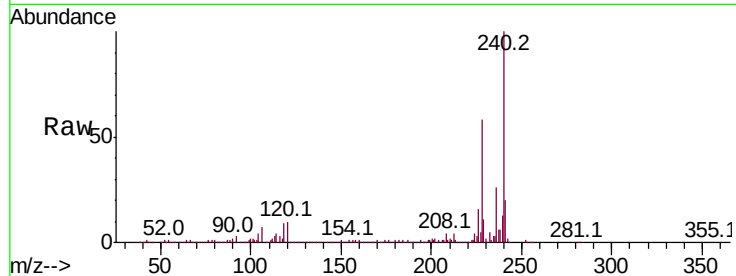
Tot Ion:240 Resp: 443364

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

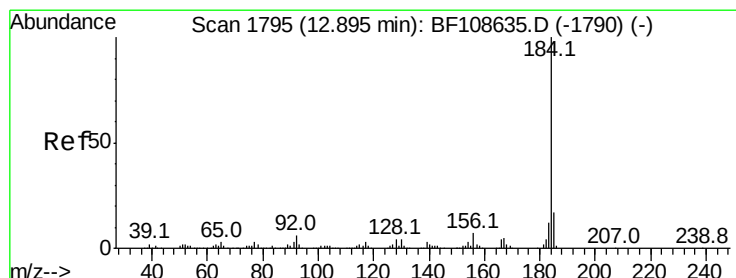
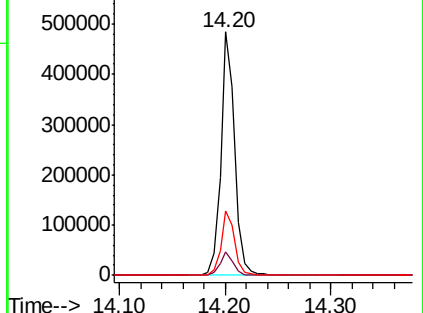
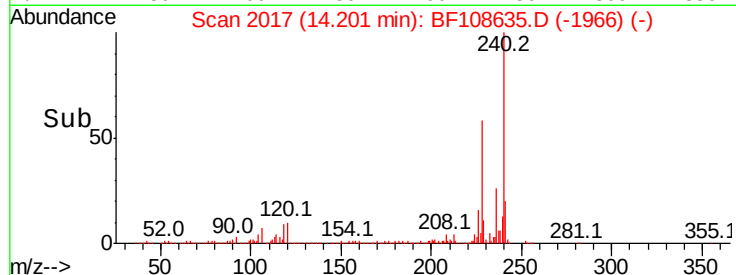
236 26.2 20.7 31.1



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: 30.675 ng

RT: 12.90 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

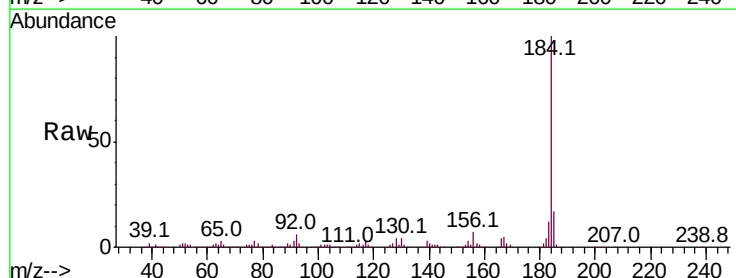
Tgt Ion:184 Resp: 508136

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

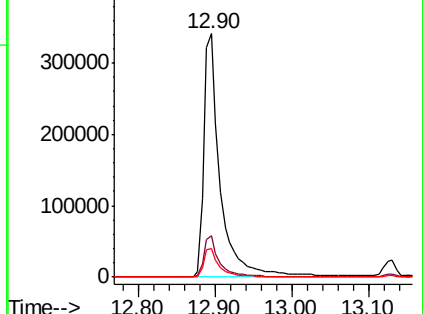
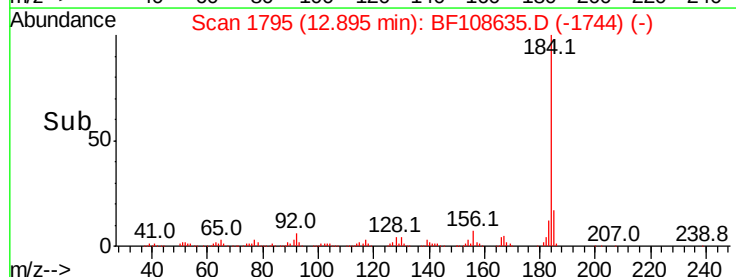
183 11.9 9.3 13.9

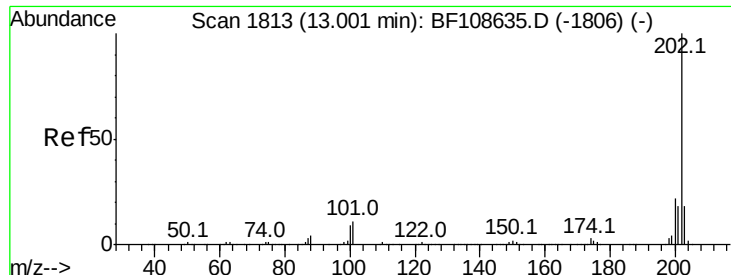


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



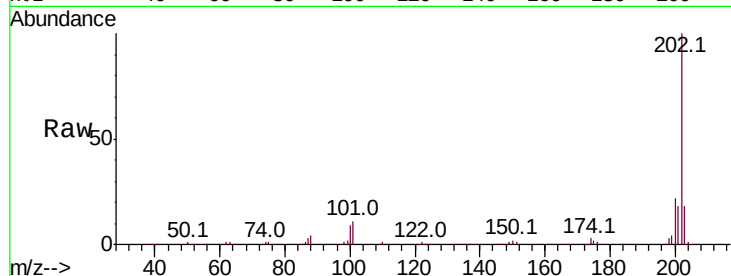


#77
Pvrene
Concen: 47.378 ng
RT: 13.00 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

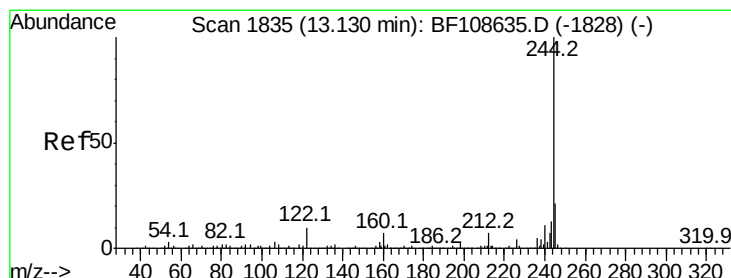
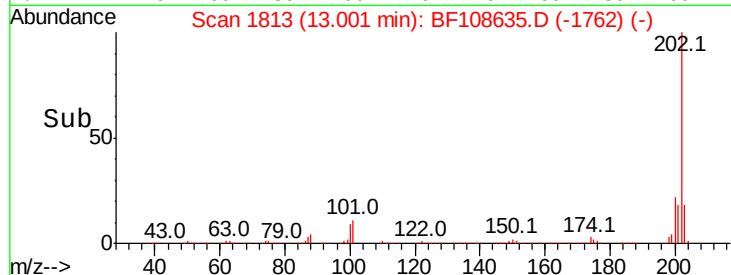
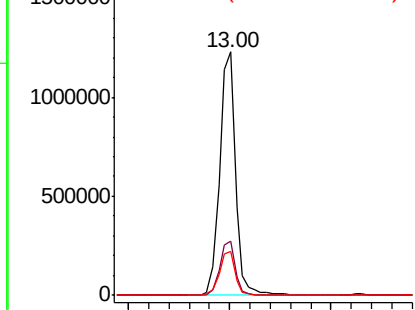
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1329872

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.0	14.3	21.5



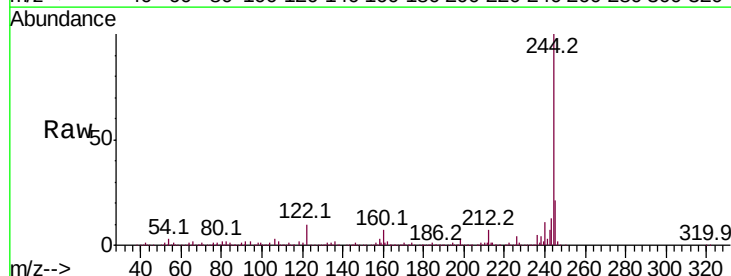
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



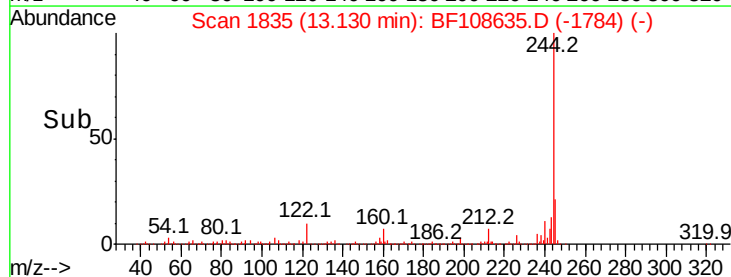
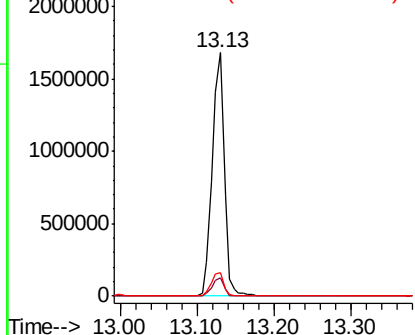
#78
Terphenyl-d14
Concen: 103.107 ng
RT: 13.13 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

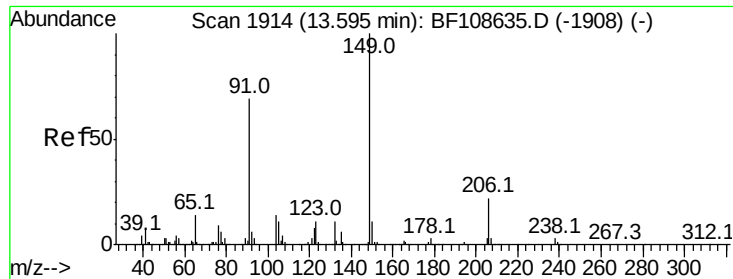
Tgt Ion:244 Resp: 1797942

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.8	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

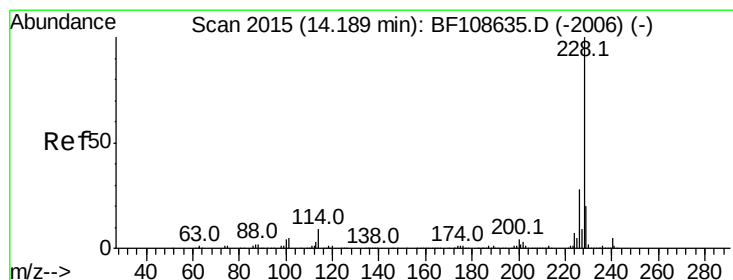
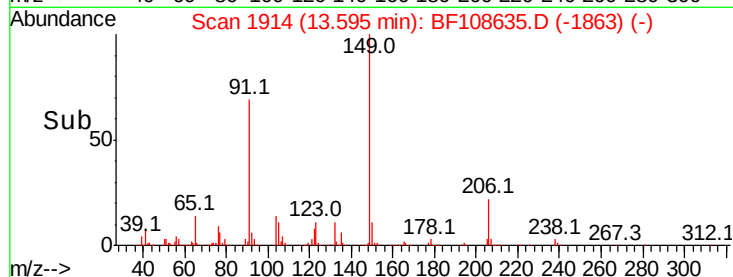
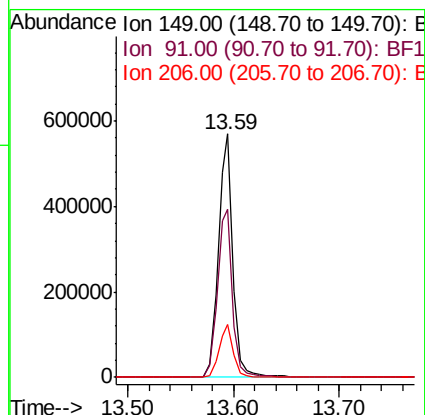
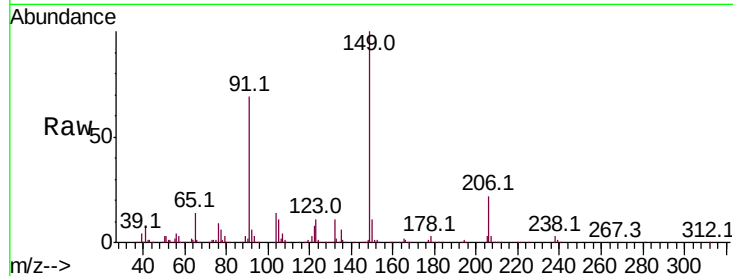




#79
Butylbenzylphthalate
Concen: 49.921 ng
RT: 13.59 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

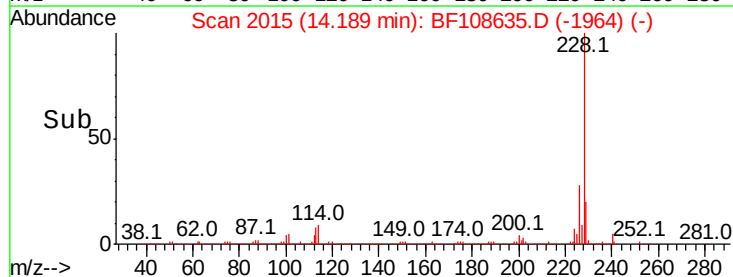
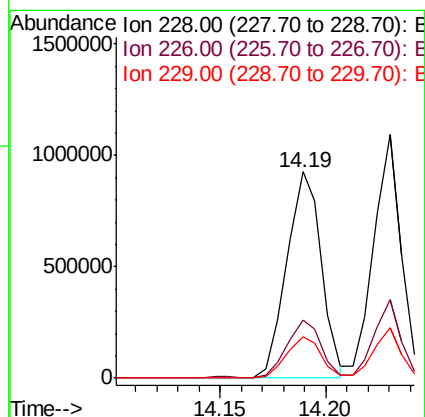
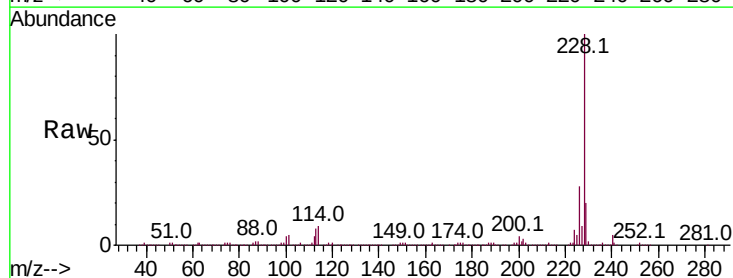
Instrument :
BNA_F
ClientSampleId :

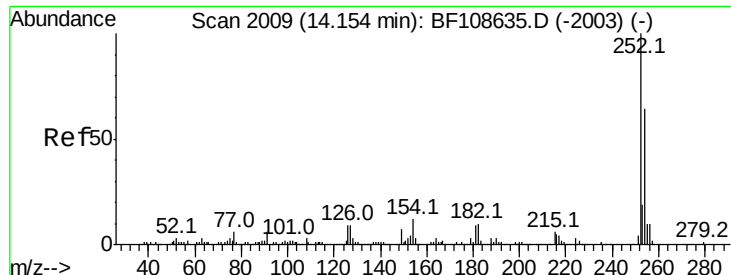
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	21.7	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 41.482 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.3	15.8	23.6

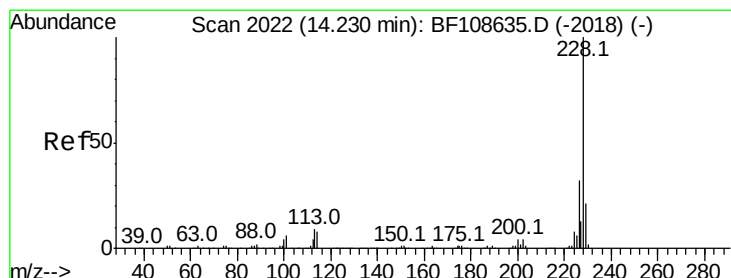
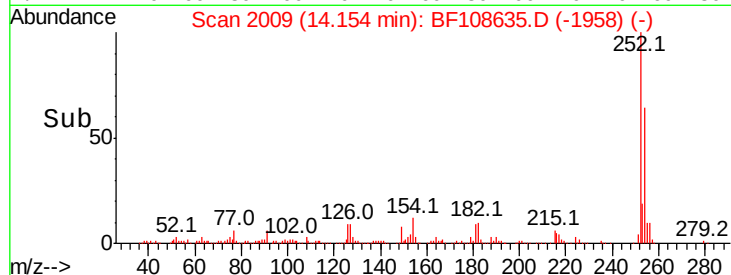
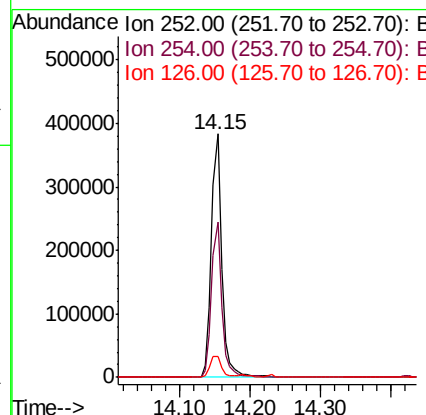
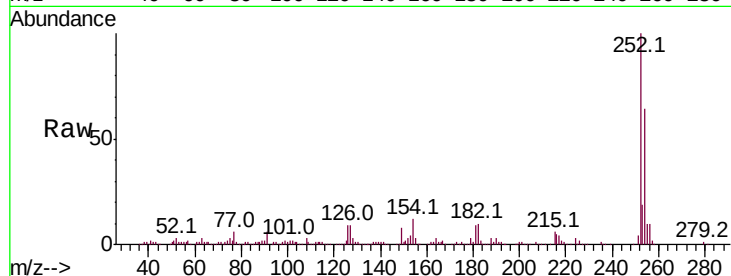




#81
 3,3'-Dichlorobenzidine
 Concen: 43.338 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

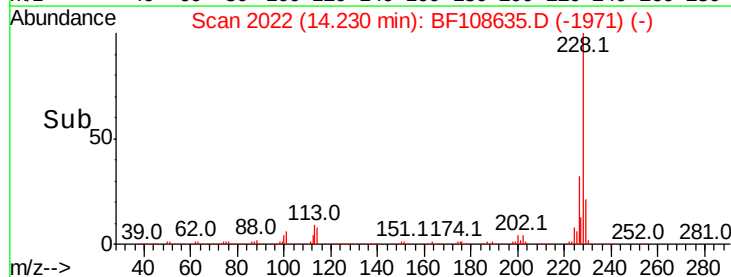
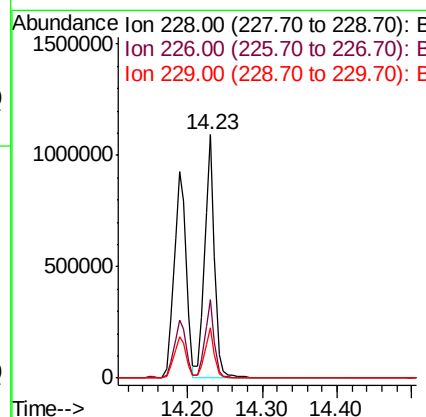
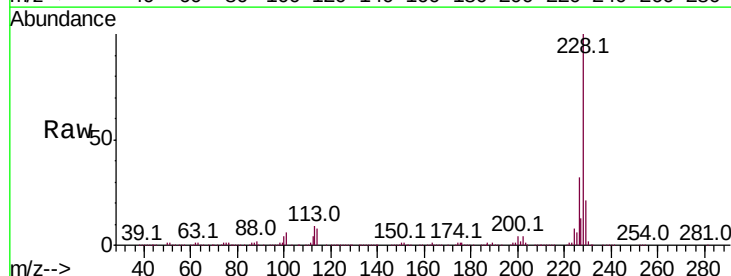
Instrument :
 BNA_F
 ClientSampled :

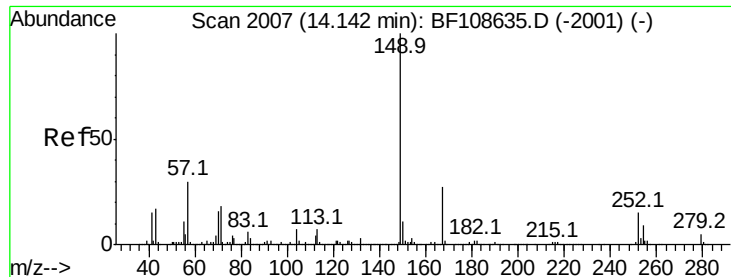
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	8.7	11.3	16.9



#82
 Chrysene
 Concen: 44.085 ng
 RT: 14.23 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.7	16.2	24.4

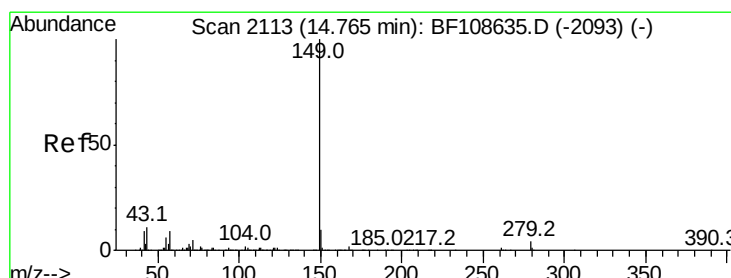
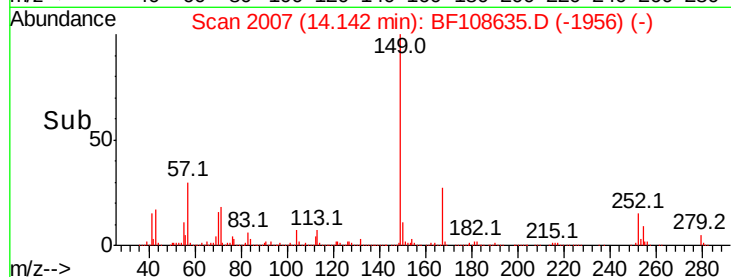
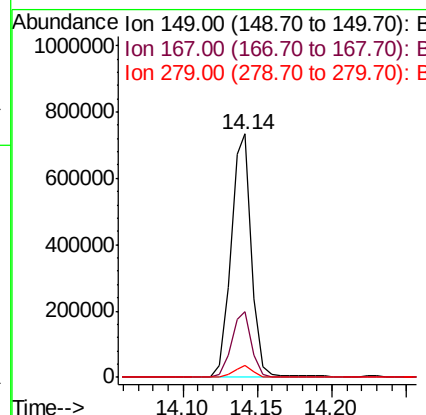
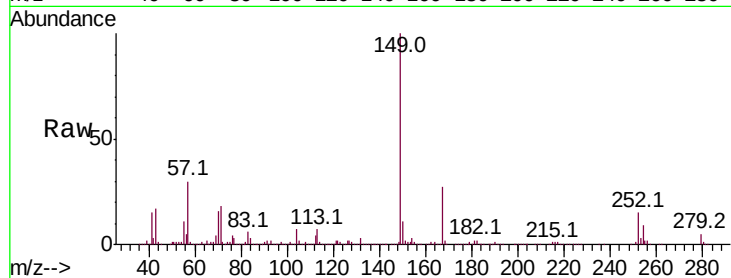




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.251 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

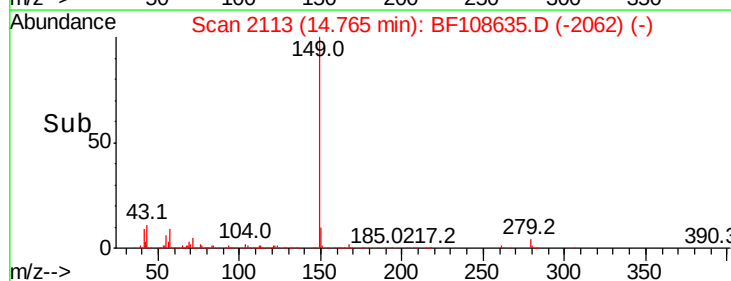
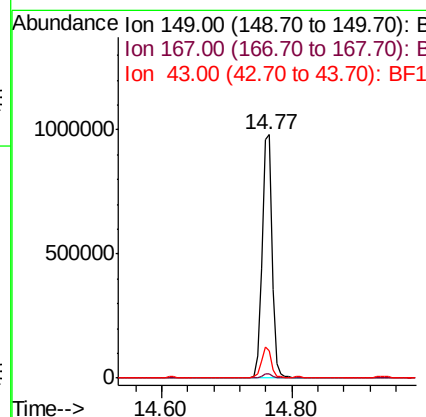
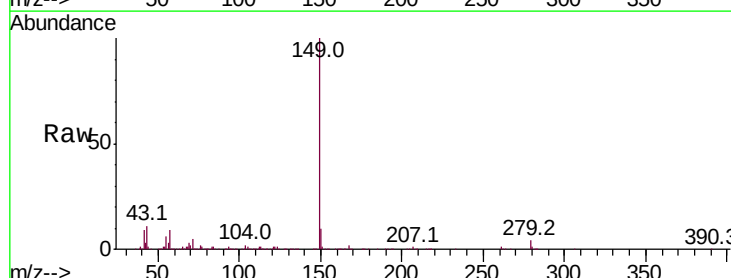
Instrument :
 BNA_F
 ClientSampleId :

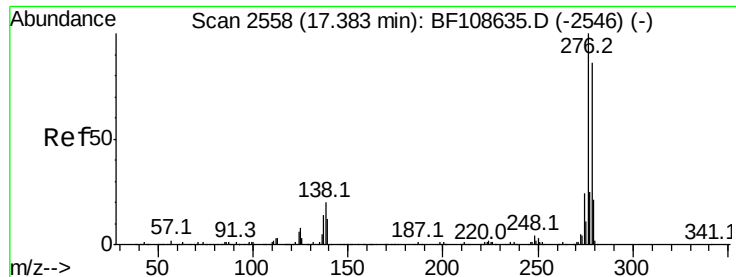
Tot Ion:149 Resp: 713192
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 4.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 45.270 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Tgt Ion:149 Resp: 1042084
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.1 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.240 ng

RT: 17.38 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

Instrument :

BNA_F

ClientSampleId :

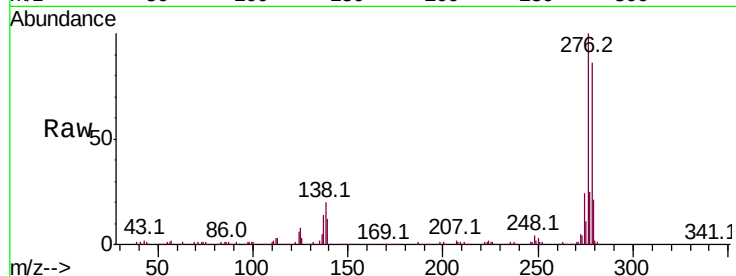
Tot Ion:276 Resp: 692069

Ion Ratio Lower Upper

276 100

138 20.4 25.0 37.6#

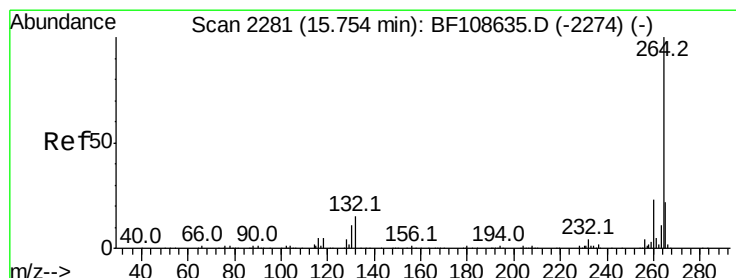
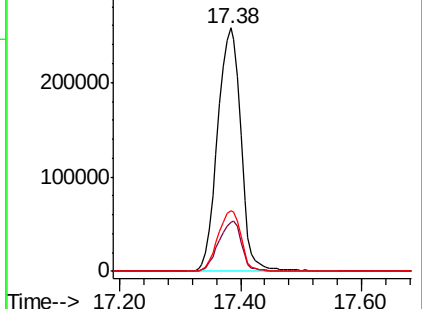
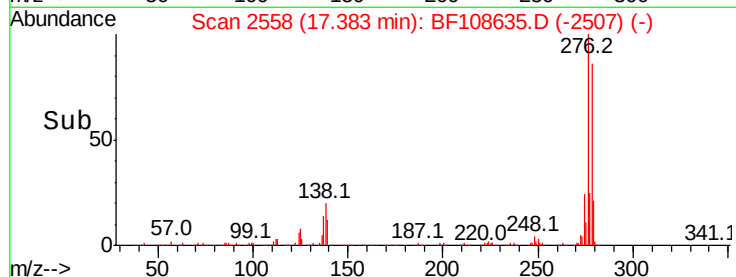
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF108635.D

Acq: 30 Aug 2018 12:07

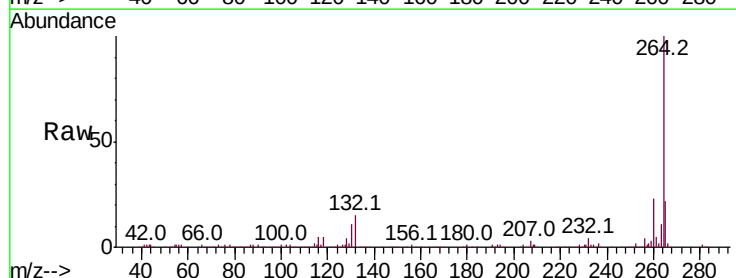
Tgt Ion:264 Resp: 318107

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

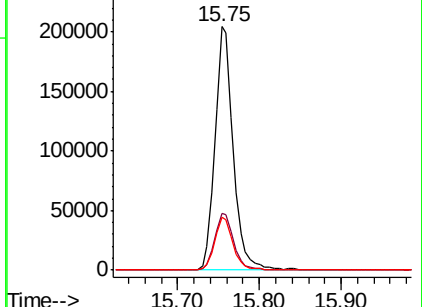
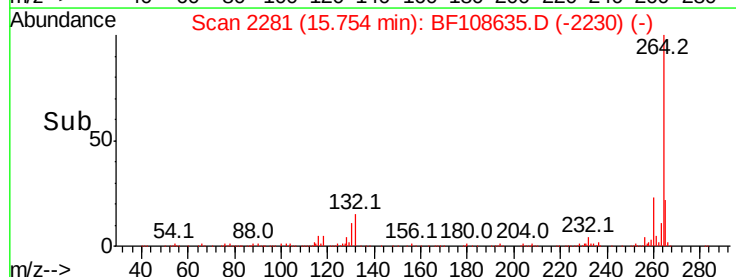
265 21.7 17.5 26.3

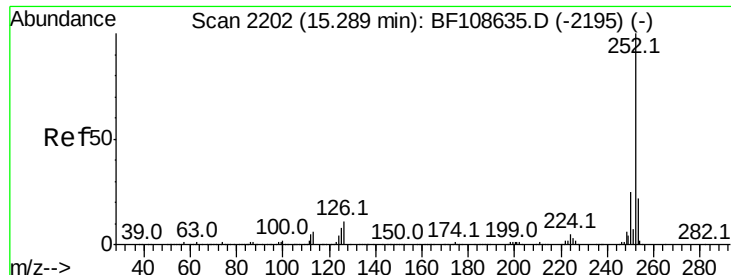


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

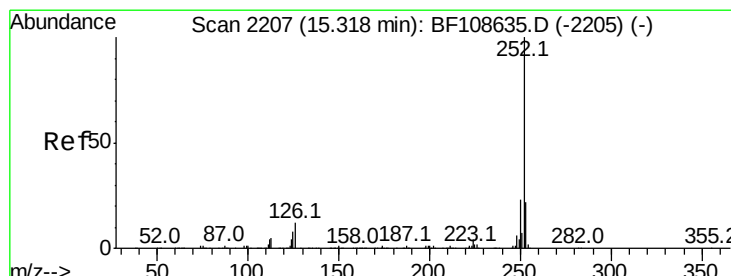
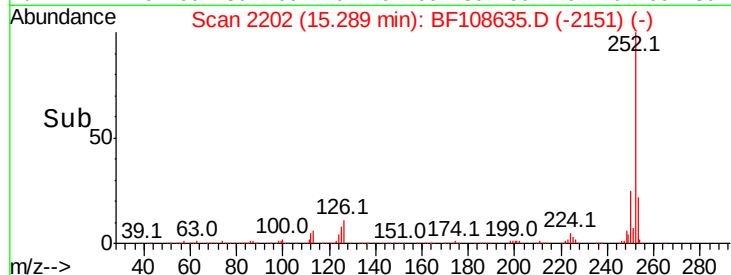
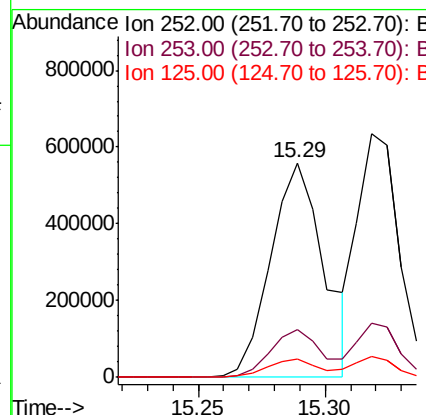
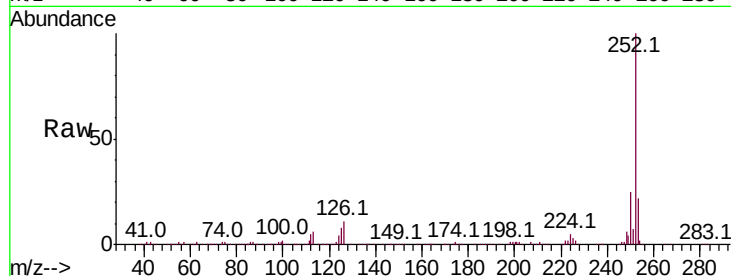




#87
Benzo(b)fluoranthene
Concen: 42.844 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

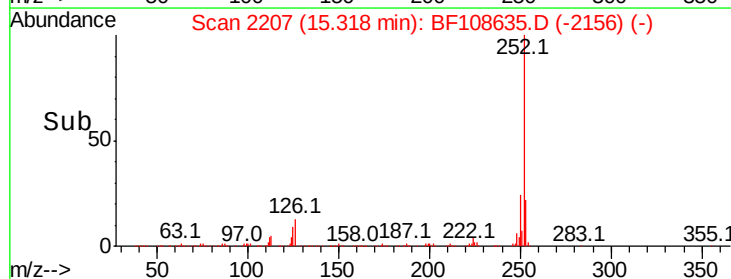
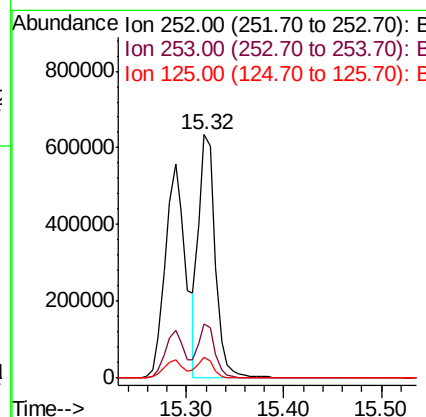
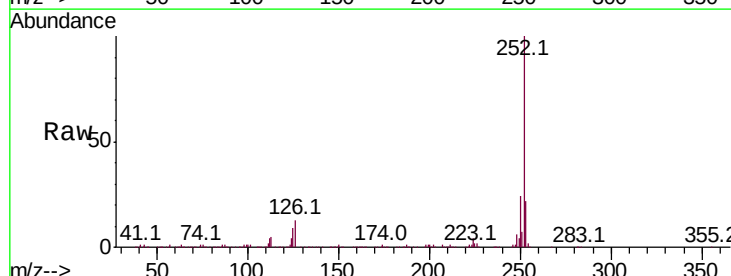
Instrument :
BNA_F
ClientSampleId :

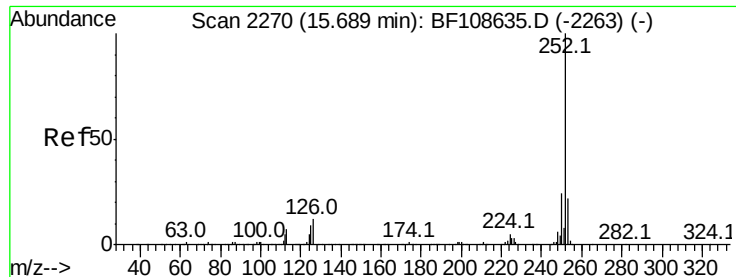
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.3	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 42.808 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.7	10.2	15.2#

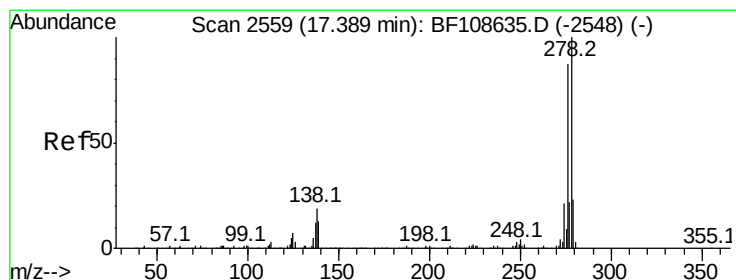
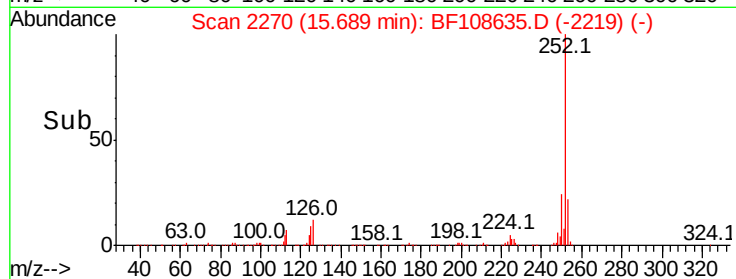
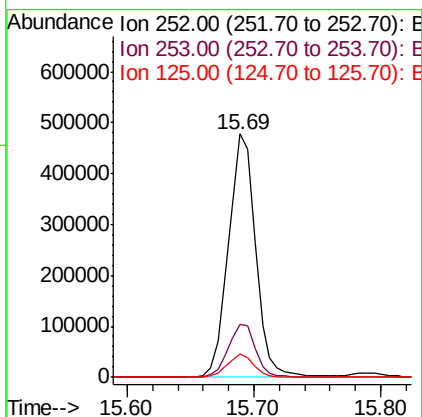
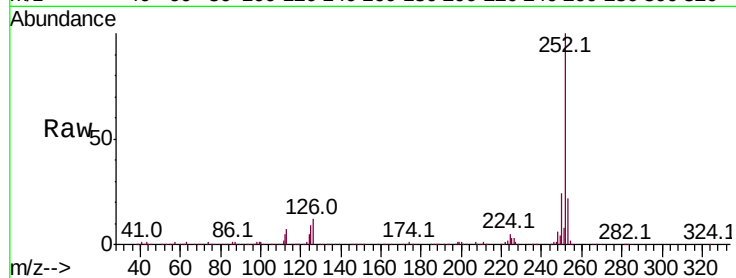




#89
Benzo(a)pyrene
Concen: 41.441 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

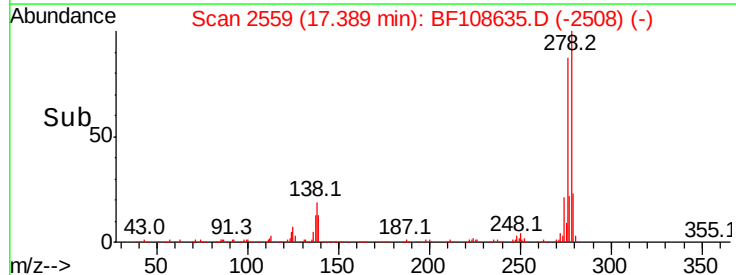
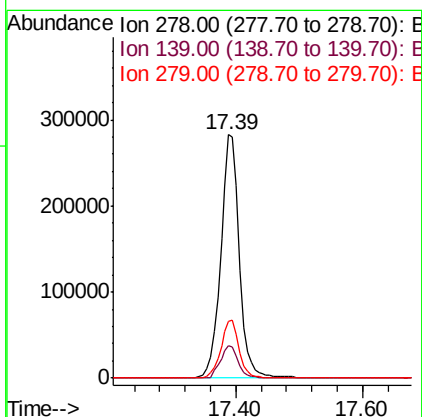
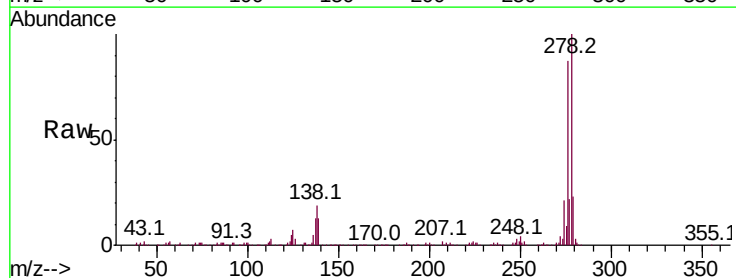
Instrument :
BNA_F
ClientSampleId :

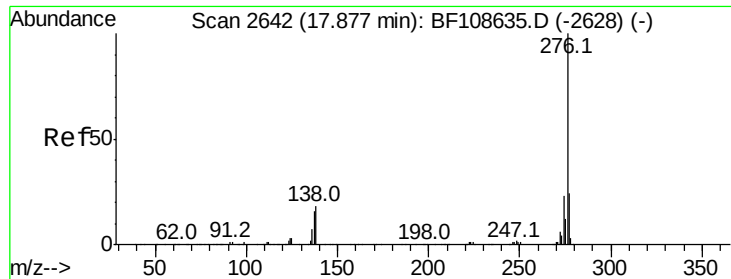
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.105 ng
RT: 17.39 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF108635.D
Acq: 30 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.244 ng
 RT: 17.88 min Scan# 2642
 Delta R.T. 0.00 min
 Lab File: BF108635.D
 Acq: 30 Aug 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	17.6	21.8	32.8

