

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108715.D
 Acq On : 1 Sep 2018 3:47
 Operator : JU/SJ
 Sample : PB112528BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 05:08:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	77500	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	277812	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	115316	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	219458	20.00	ng	0.00
75) Chrysene-d12	14.19	240	209719	20.00	ng	0.00
86) Perylene-d12	15.75	264	153833	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	320099	71.75	ng	0.00
7) Phenol-d6	6.64	99	459226	71.87	ng	-0.01
23) Nitrobenzene-d5	7.57	82	500520	91.45	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	112797	74.10	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	875050	102.03	ng	0.00
78) Terphenyl-d14	13.12	244	877961	81.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	68878	33.222	ng	92
3) Pyridine	3.74	79	142200	29.686	ng	# 83
4) n-Nitrosodimethylamine	3.72	42	59916	25.075	ng	# 73
6) Aniline	6.69	93	83527	12.114	ng	# 72
8) 2-Chlorophenol	6.79	128	203176	37.248	ng	93
9) Benzaldehyde	6.57	77	36869	9.336	ng	95
10) Phenol	6.65	94	186899	25.084	ng	83
11) bis(2-Chloroethyl)ether	6.73	93	216013	32.924	ng	95
12) 1,3-Dichlorobenzene	6.94	146	226261	35.776	ng	99
13) 1,4-Dichlorobenzene	7.02	146	265084	38.398	ng	97
14) 1,2-Dichlorobenzene	7.17	146	256263	40.417	ng	98
15) Benzyl Alcohol	7.21	79	106968	23.273	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.26	45	380080	37.761	ng	74
17) 2-Methylphenol	7.25	107	144850	34.155	ng	# 60
18) Hexachloroethane	7.50	117	82291	34.660	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	151554	35.419	ng	92
20) 3+4-Methylphenols	7.42	107	154397	29.057	ng	# 31
22) Acetophenone	7.41	105	299739	43.219	ng	# 91
24) Nitrobenzene	7.58	77	198987	35.856	ng	90
25) Isophorone	7.81	82	406931	44.757	ng	98
26) 2-Nitrophenol	7.90	139	78014	31.053	ng	# 86
27) 2,4-Dimethylphenol	7.93	122	152193	41.654	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	232238	40.435	ng	98
29) 2,4-Dichlorophenol	8.15	162	147693	34.072	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	190404	39.281	ng	97
31) Naphthalene	8.30	128	587912	44.430	ng	99
32) Benzoic acid	7.93	122	152193	64.952	ng	# 17
33) 4-Chloroaniline	8.38	127	60703	10.392	ng	94
34) Hexachlorobutadiene	8.41	225	129571	40.711	ng	98
35) Caprolactam	8.72	113	33935	29.380	ng	# 80
36) 4-Chloro-3-methylphenol	8.84	107	148487	31.917	ng	97
37) 2-Methylnaphthalene	9.00	142	356991	39.874	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	187714	45.852	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	29907	22.880	ng	99

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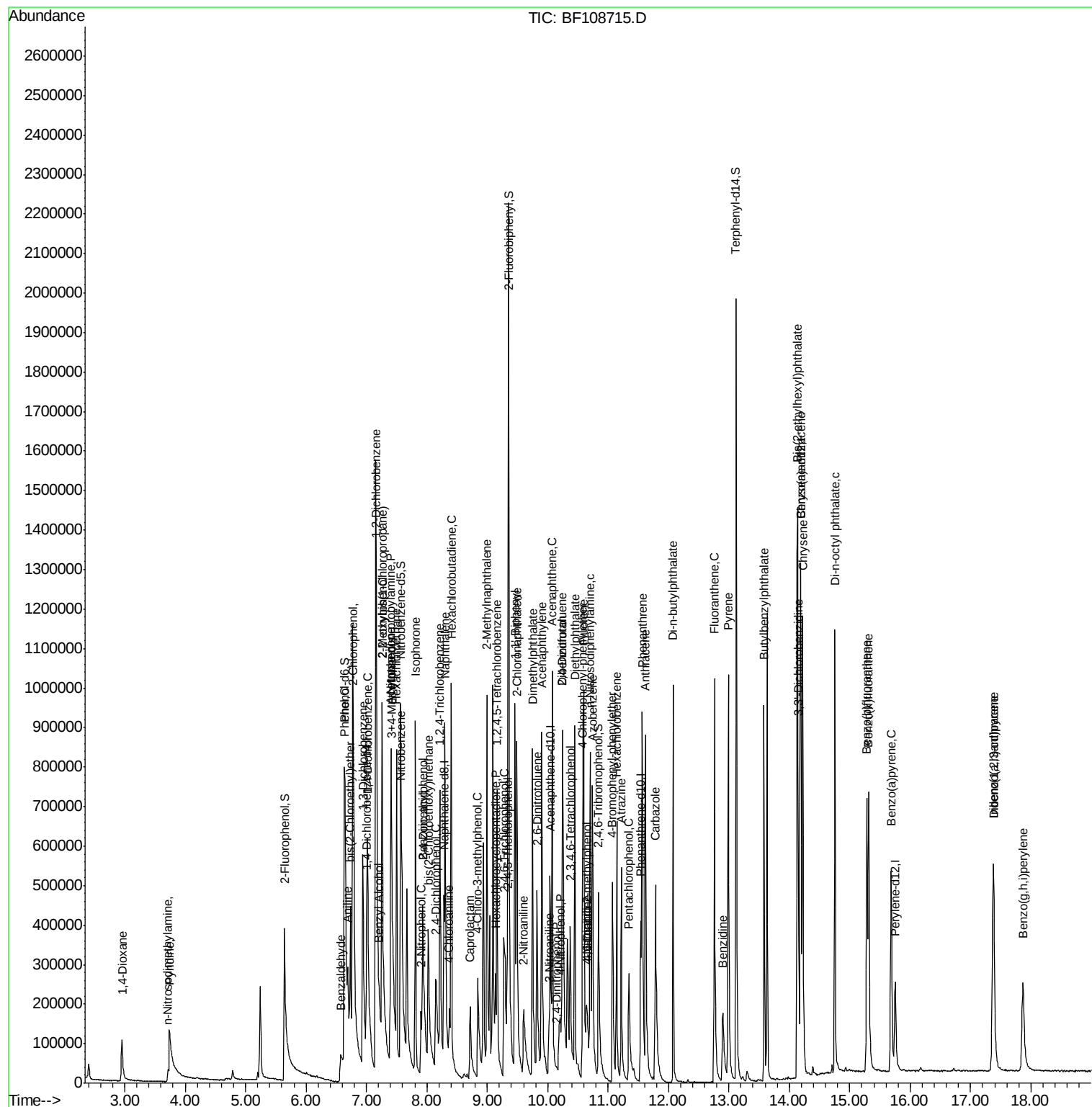
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	87387	36.046	ng	95
43) 2,4,5-Trichlorophenol	9.33	196	104562	36.986	ng	95
45) 1,1'-Biphenyl	9.46	154	444784	44.306	ng	97
46) 2-Chloronaphthalene	9.49	162	328285	41.771	ng	96
47) 2-Nitroaniline	9.60	65	99709	37.933	ng	85
48) Acenaphthylene	9.91	152	501467	43.582	ng	99
49) Dimethylphthalate	9.75	163	378075	41.635	ng	100
50) 2,6-Dinitrotoluene	9.82	165	71024	35.484	ng	# 86
51) Acenaphthene	10.08	154	292025	42.448	ng	98
52) 3-Nitroaniline	10.02	138	71037	32.807	ng	90
53) 2,4-Dinitrophenol	10.16	184	3283	4.824	ng	# 72
54) Dibenzofuran	10.25	168	419710	38.988	ng	94
55) 4-Nitrophenol	10.21	139	30363	25.432	ng	# 74
56) 2,4-Dinitrotoluene	10.24	165	89353	33.715	ng	# 79
57) Fluorene	10.60	166	334613	40.109	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	99797	39.405	ng	# 87
59) Diethylphthalate	10.45	149	355169	38.822	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	175494	37.071	ng	92
61) 4-Nitroaniline	10.66	138	71867	34.299	ng	97
62) Azobenzene	10.74	77	348531	38.328	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	5741	5.896	ng	# 22
65) n-Nitrosodiphenylamine	10.70	169	297531	40.807	ng	97
66) 4-Bromophenyl-phenylether	11.07	248	112054	41.545	ng	# 88
67) Hexachlorobenzene	11.14	284	113674	39.119	ng	# 86
68) Atrazine	11.22	200	84416	40.014	ng	97
69) Pentachlorophenol	11.34	266	74235	48.077	ng	98
70) Phenanthrene	11.57	178	468872	42.328	ng	98
71) Anthracene	11.62	178	557881	47.932	ng	99
72) Carbazole	11.78	167	474024	42.119	ng	99
73) Di-n-butylphthalate	12.08	149	531559	41.052	ng	99
74) Fluoranthene	12.76	202	595418	47.753	ng	94
76) Benzidine	12.90	184	183517	31.087	ng	98
77) Pyrene	12.99	202	600281	38.077	ng	100
79) Butylbenzylphthalate	13.58	149	258782	39.037	ng	95
80) Benzo(a)anthracene	14.18	228	540404	42.269	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	180948	39.027	ng	# 97
82) Chrysene	14.22	228	536132	43.606	ng	100
83) Bis(2-ethylhexyl)phthalate	14.14	149	360823	42.346	ng	# 99
84) Di-n-octyl phthalate	14.76	149	625307	49.913	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	360614	42.182	ng	# 89
87) Benzo(b)fluoranthene	15.28	252	409569	43.341	ng	# 96
88) Benzo(k)fluoranthene	15.31	252	429652	45.897	ng	# 96
89) Benzo(a)pyrene	15.69	252	384714	45.049	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	307015	45.013	ng	# 91
91) Benzo(g,h,i)perylene	17.87	276	289253	43.635	ng	# 88

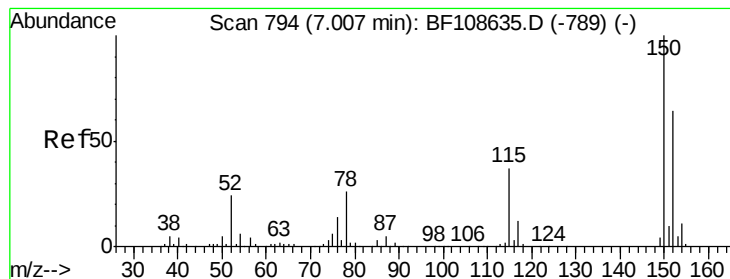
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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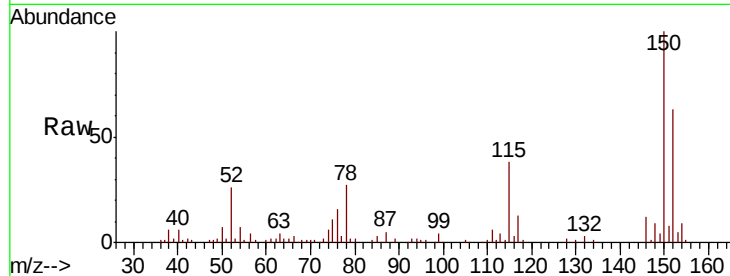


#1

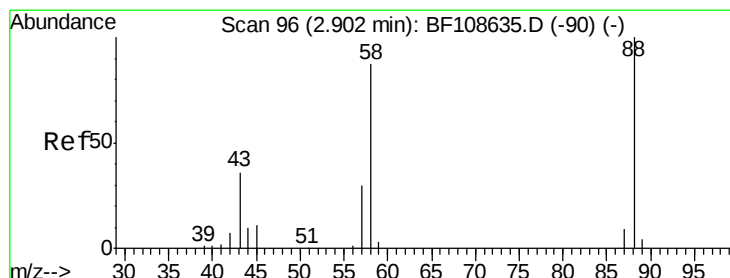
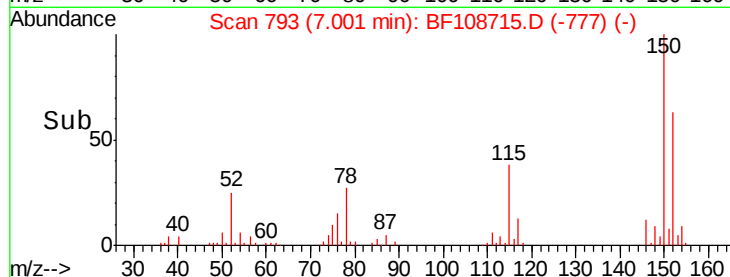
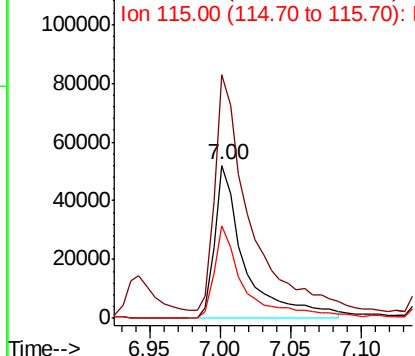
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77500
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 60.3 50.1 75.1



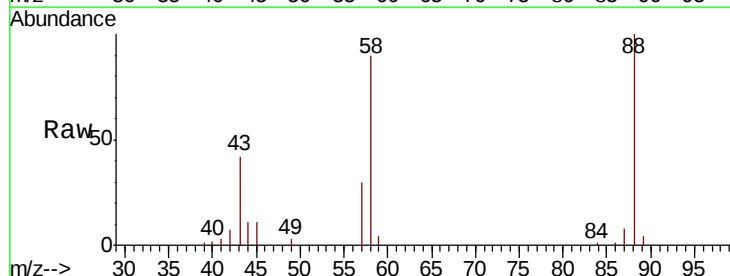
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



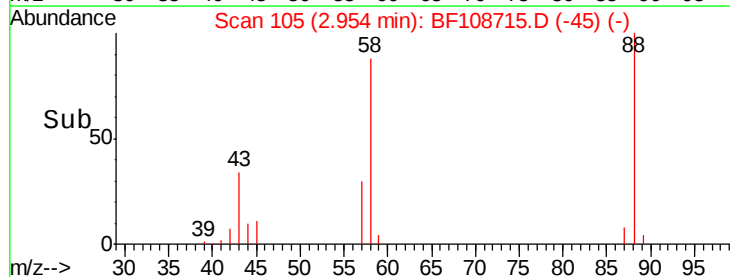
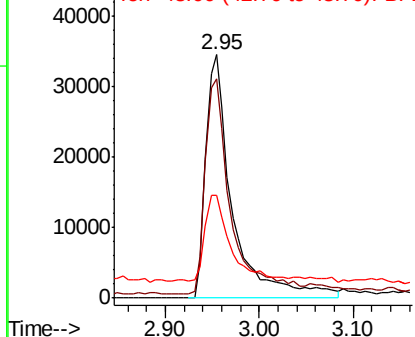
#2

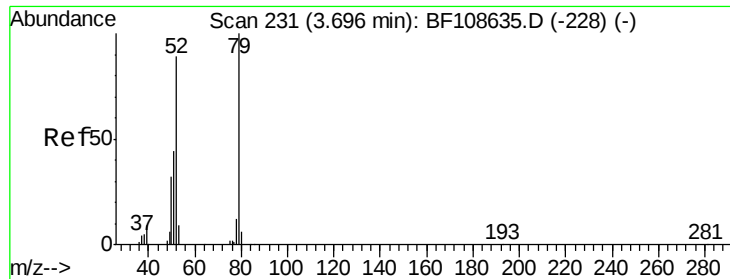
1,4-Dioxane
Concen: 33.222 ng
RT: 2.95 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 88 Resp: 68878
Ion Ratio Lower Upper
88 100
58 85.2 62.6 93.8
43 34.8 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: 29.686 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.04 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

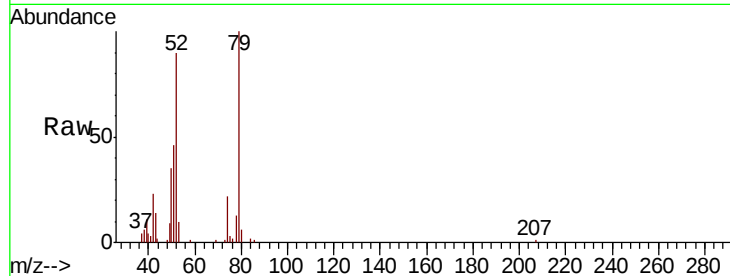
Tot Ion: 79 Resp: 142200

Ion Ratio Lower Upper

79 100

52 90.1 59.8 89.6#

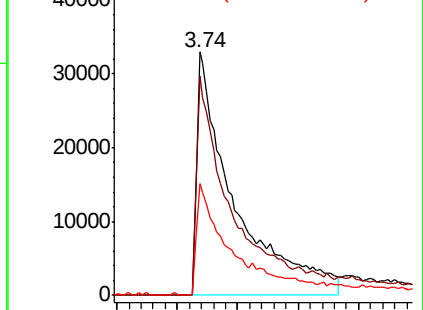
51 45.8 29.8 44.8#



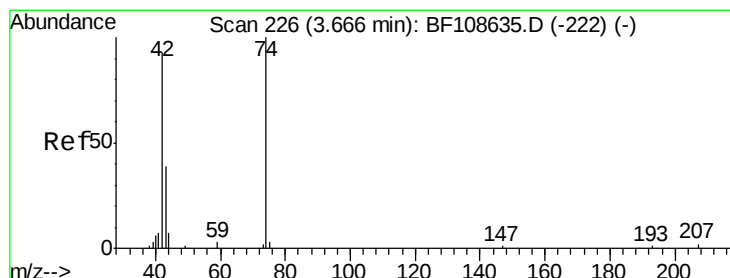
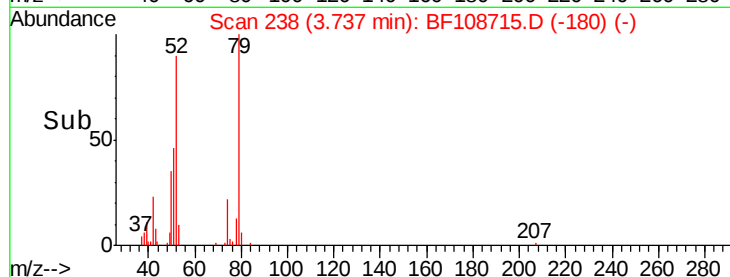
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time--> 3.60 3.70 3.80 3.90 4.00



#4

n-Nitrosodimethylamine

Concen: 25.075 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.05 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

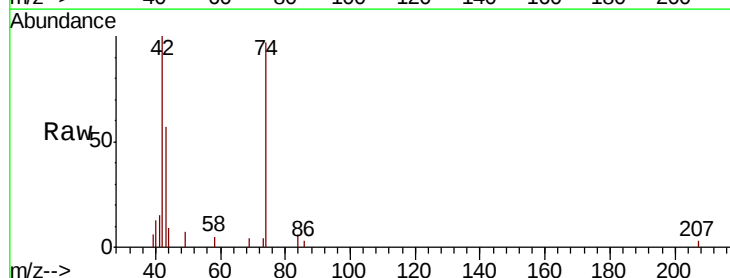
Tgt Ion: 42 Resp: 59916

Ion Ratio Lower Upper

42 100

74 97.5 104.9 157.3#

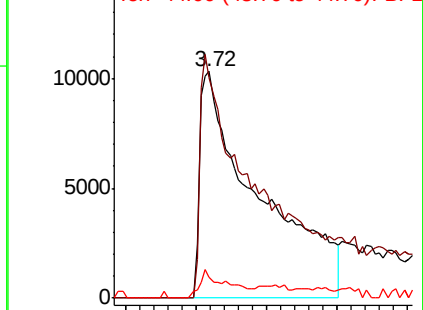
44 9.4 6.9 10.3



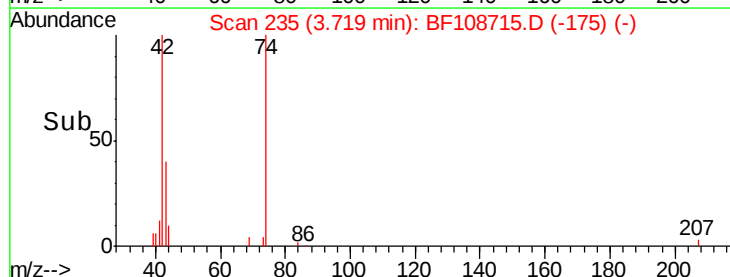
Abundance Ion 42.00 (41.70 to 42.70): BF1

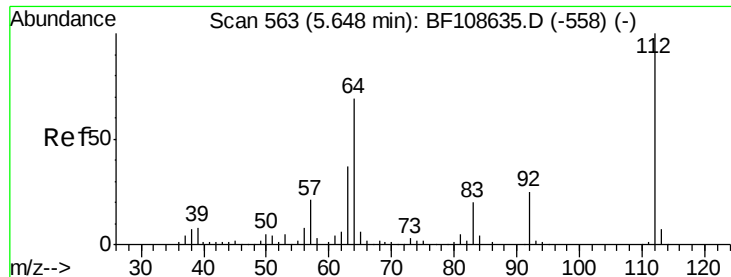
Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



Time--> 3.60 3.70 3.80 3.90





#5

2-Fluorophenol

Concen: 71.752 ng

RT: 5.64 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampled :

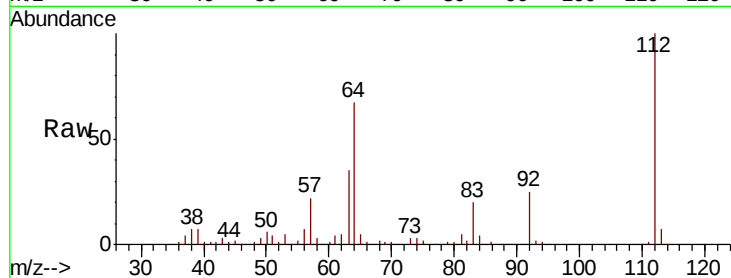
Tot Ion:112 Resp: 320099

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

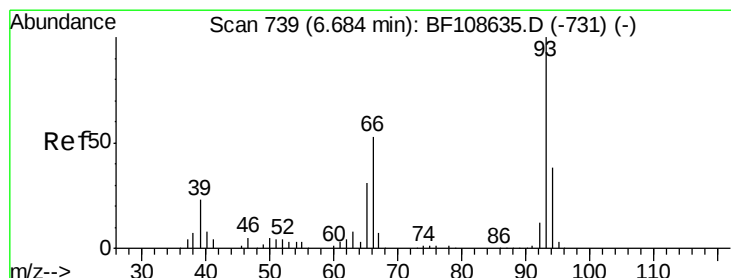
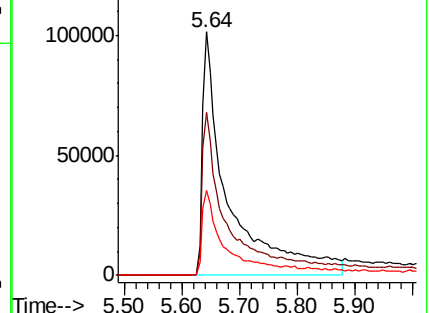
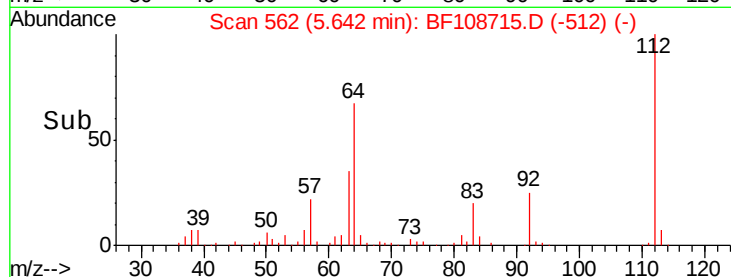
63 35.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.114 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

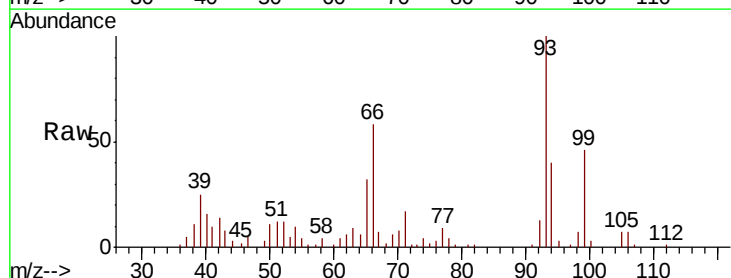
Tgt Ion: 93 Resp: 83527

Ion Ratio Lower Upper

93 100

66 58.1 32.2 48.2#

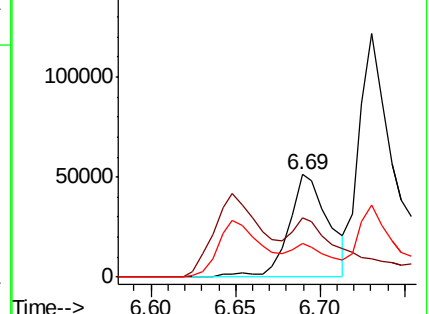
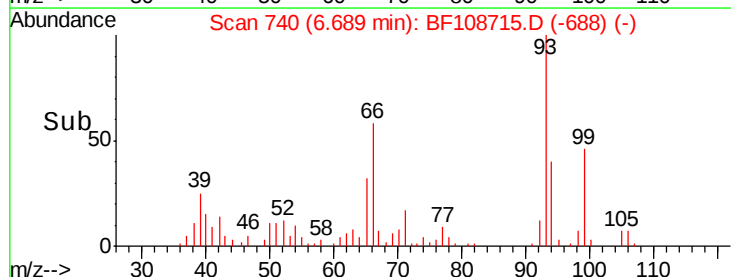
65 32.4 16.4 24.6#

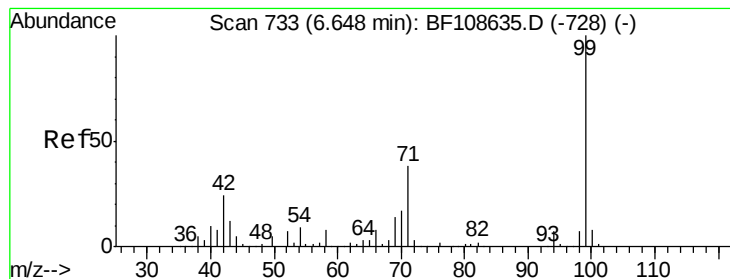


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.871 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

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ClientSampleId :

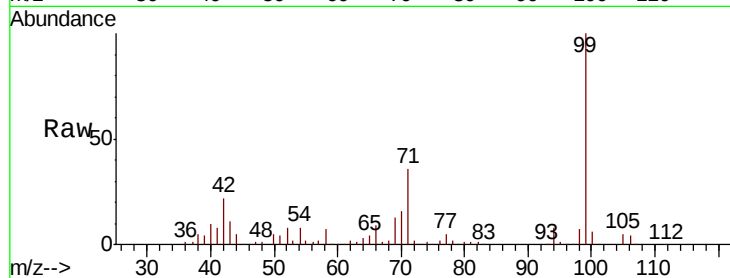
Tot Ion: 99 Resp: 459226

Ion Ratio Lower Upper

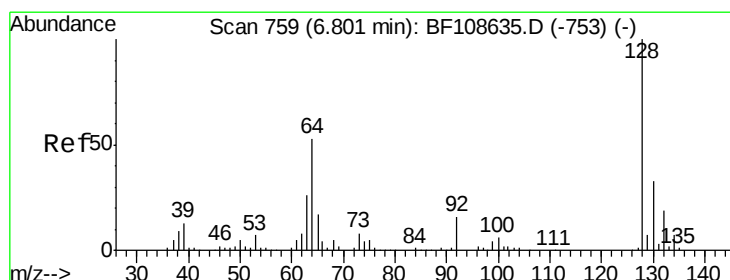
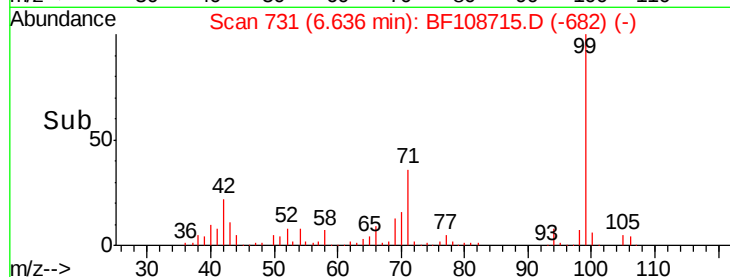
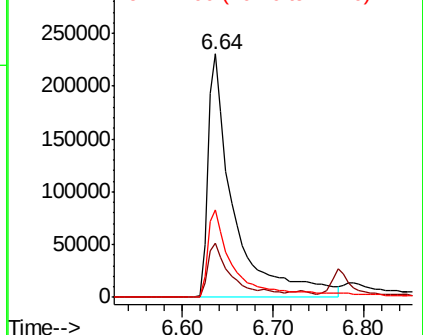
99 100

42 22.2 14.5 21.7#

71 35.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.248 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

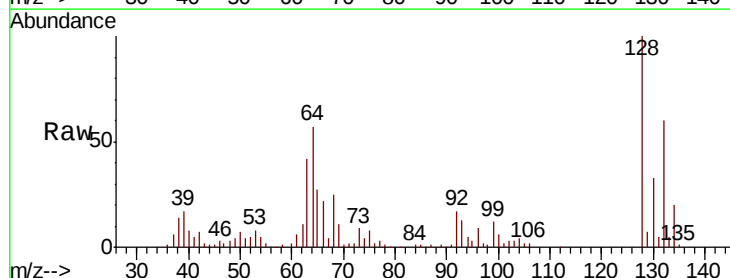
Tgt Ion: 128 Resp: 203176

Ion Ratio Lower Upper

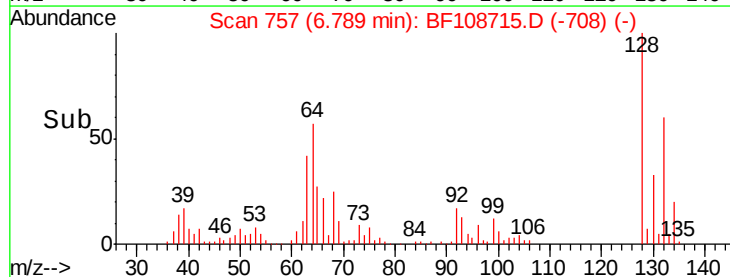
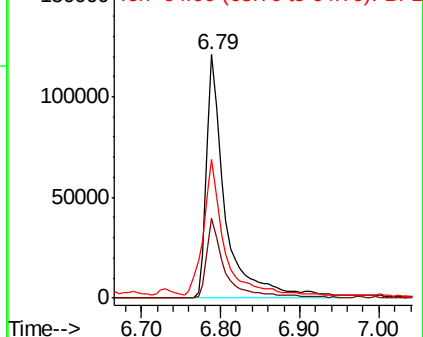
128 100

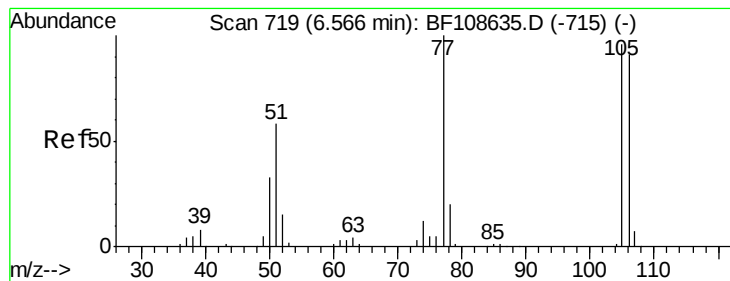
130 32.8 13.0 53.0

64 57.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 9.336 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampled :

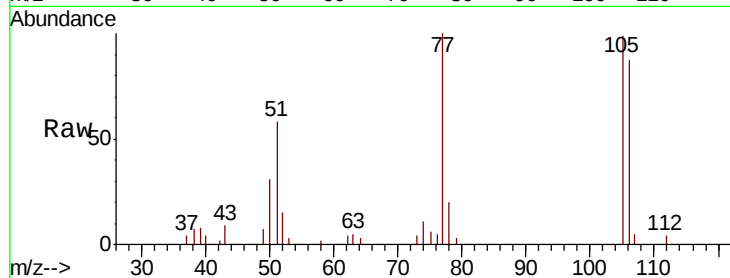
Tot Ion: 77 Resp: 36869

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

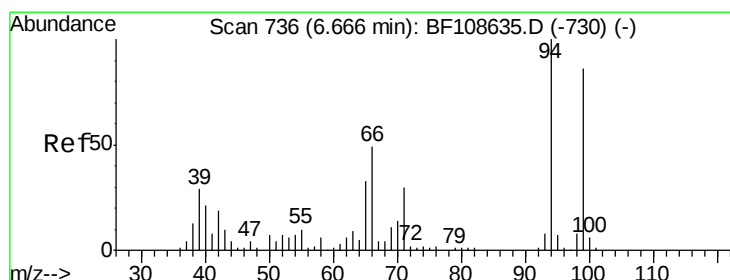
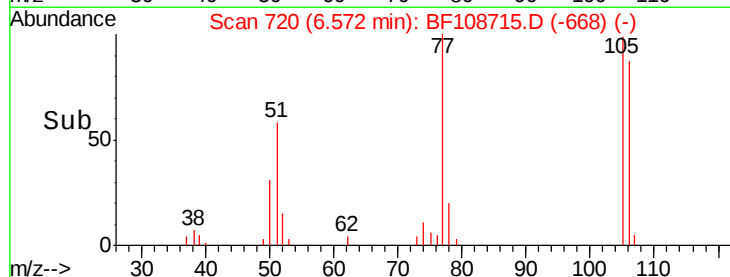
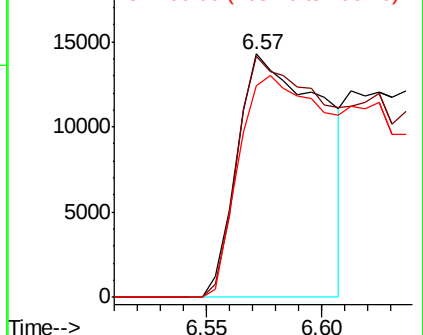
106 86.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 25.084 ng

RT: 6.65 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

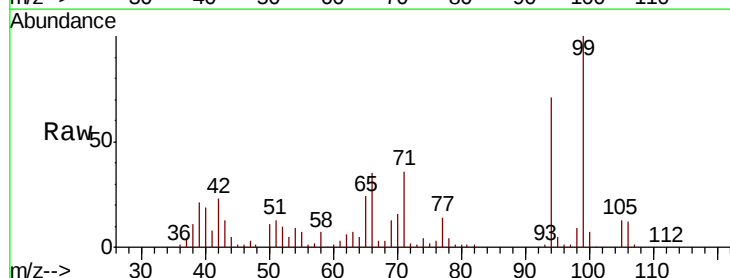
Tgt Ion: 94 Resp: 186899

Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

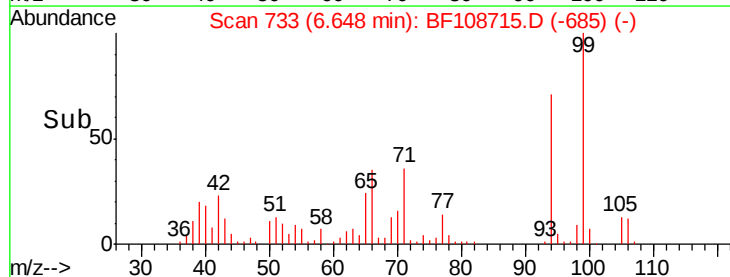
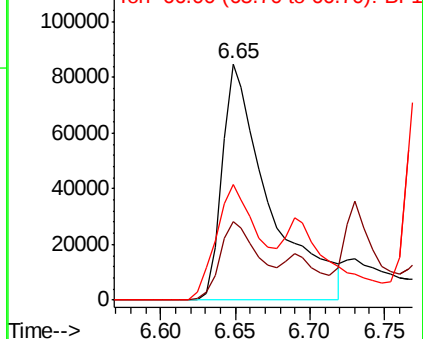
66 49.1 16.2 56.2

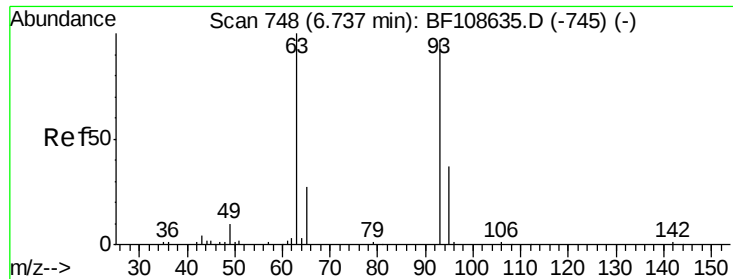


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

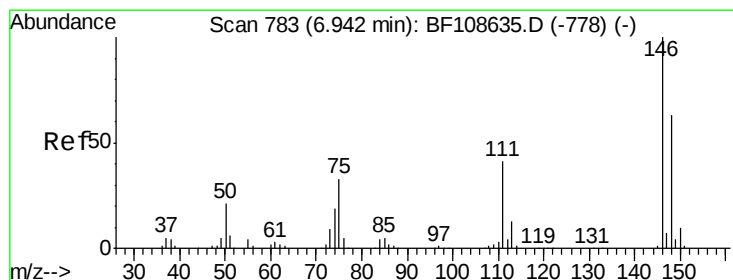
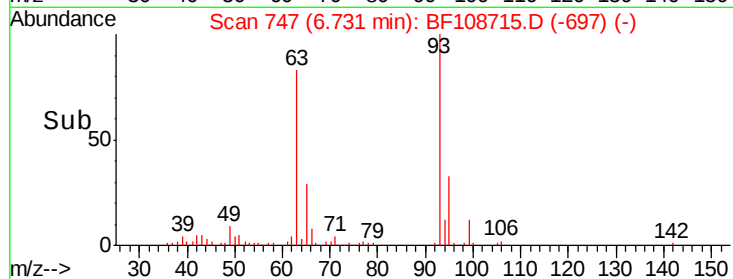
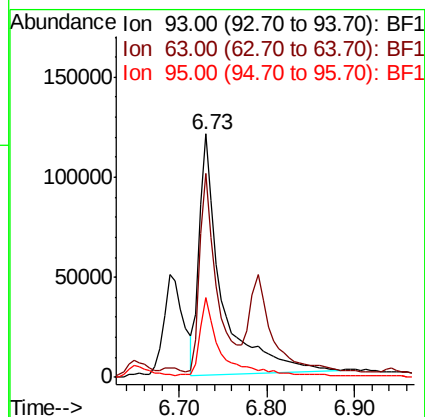
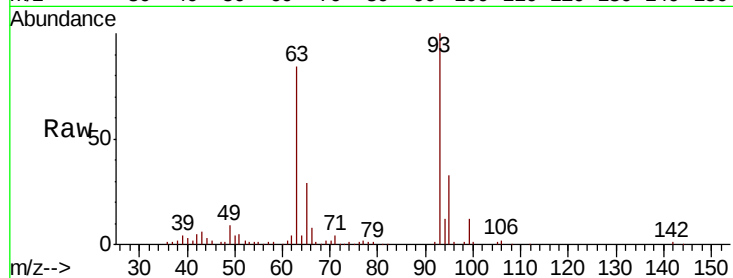




#11
bis(2-Chloroethyl)ether
Concen: 32.924 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

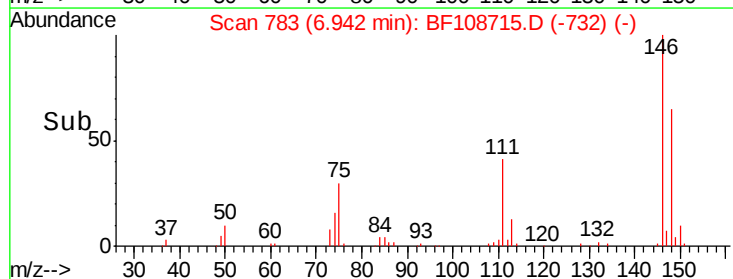
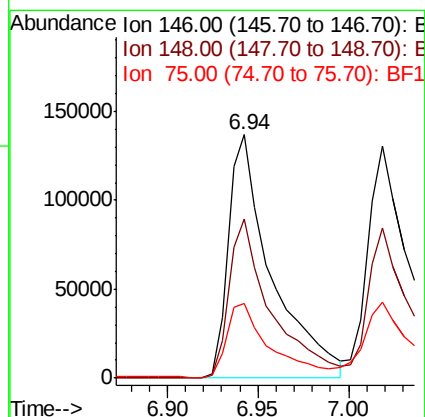
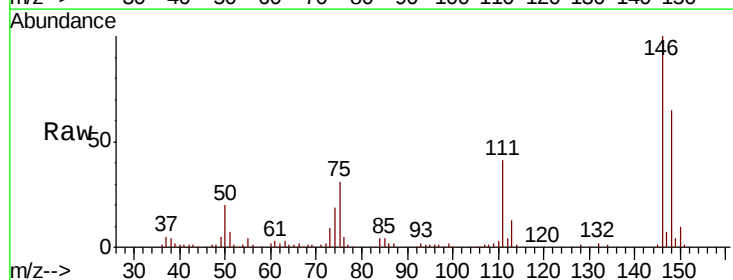
Instrument :
BNA_F
ClientSampleId :

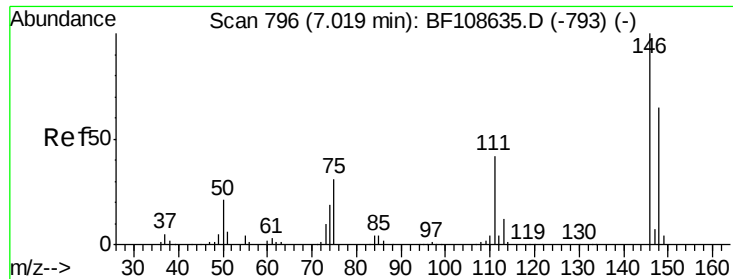
Tot Ion: 93 Resp: 216013
Ion Ratio Lower Upper
93 100
63 83.7 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.776 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 146 Resp: 226261
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 30.9 24.2 36.4

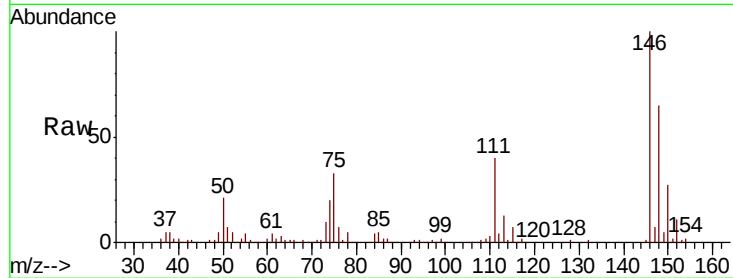




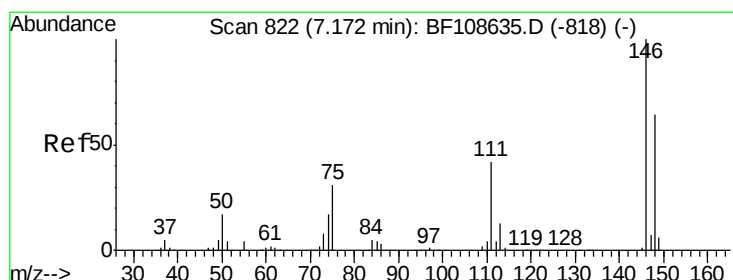
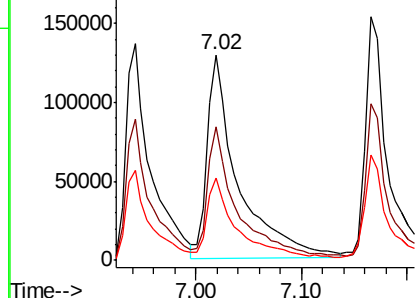
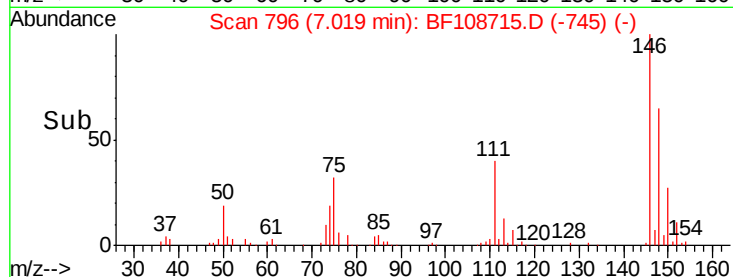
#13
 1,4-Dichlorobenzene
 Concen: 38.398 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 265084
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 40.3 34.2 51.2

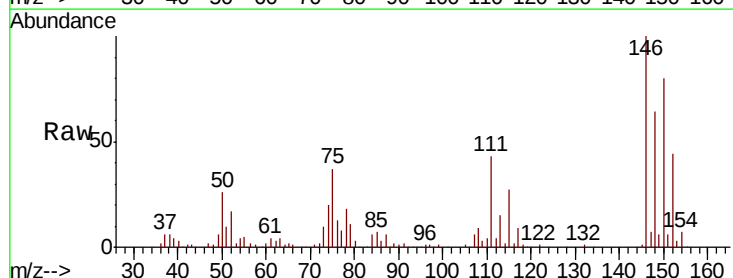


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

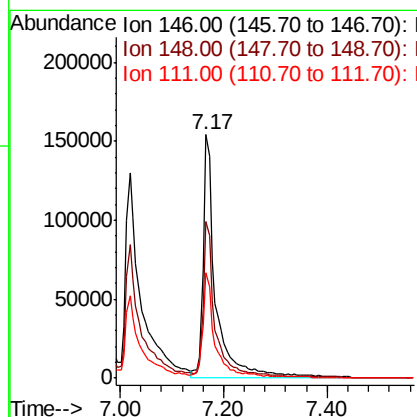
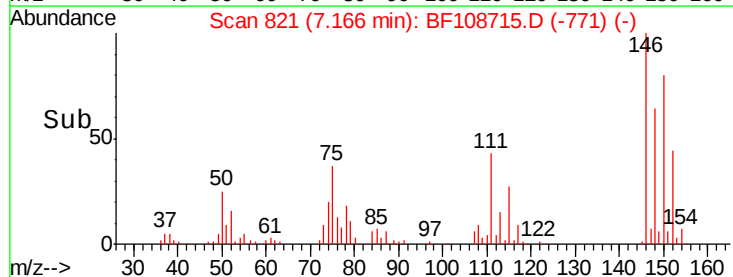


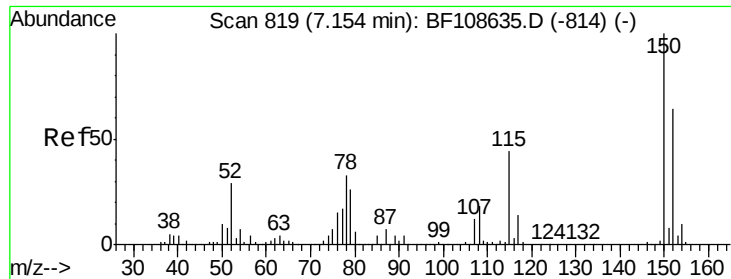
#14
 1,2-Dichlorobenzene
 Concen: 40.417 ng
 RT: 7.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:146 Resp: 256263
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 43.3 36.0 54.0



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

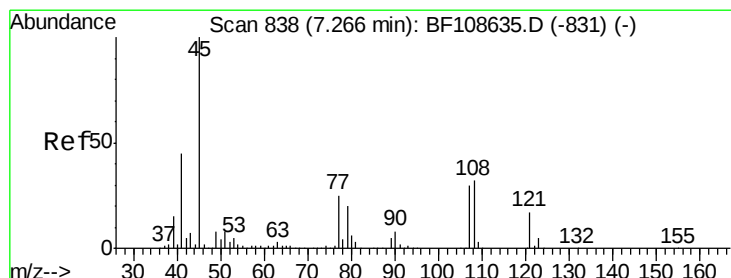
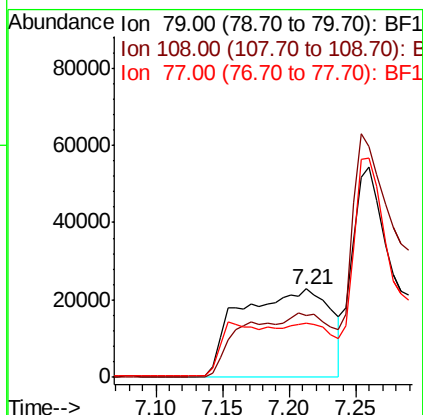
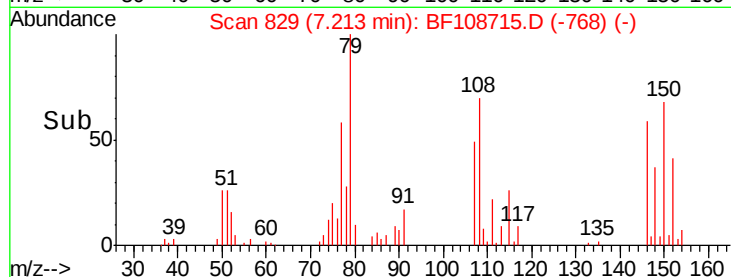
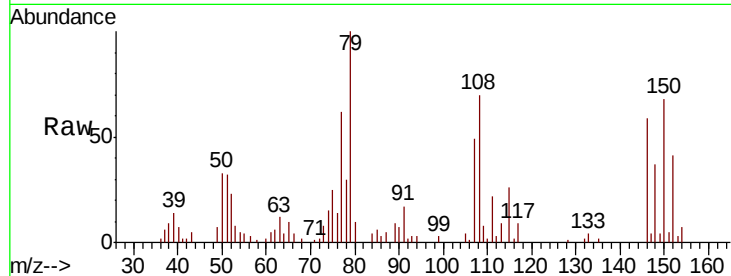




#15
Benzyl Alcohol
Concen: 23.273 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.06 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

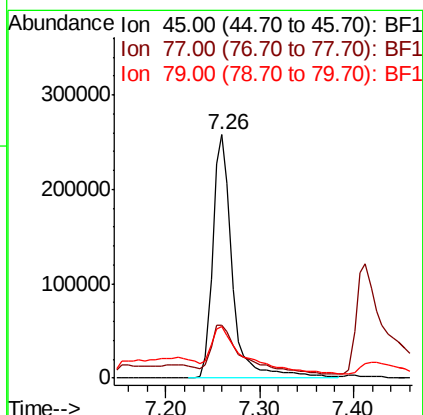
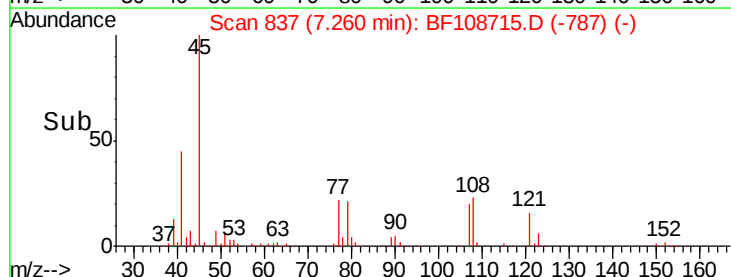
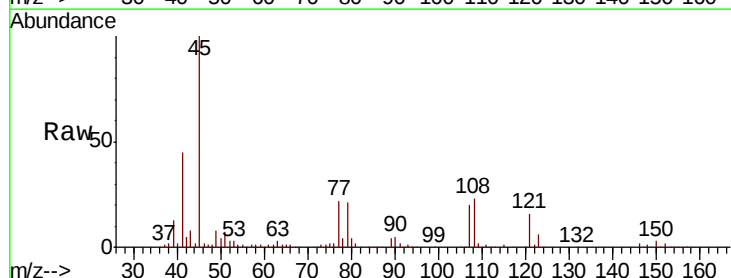
Instrument :
BNA_F
ClientSampleId :

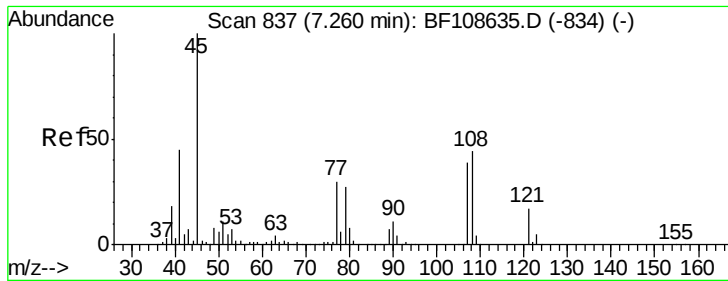
Tot Ion: 79 Resp: 106968
Ion Ratio Lower Upper
79 100
108 70.2 65.1 97.7
77 62.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.761 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 45 Resp: 380080
Ion Ratio Lower Upper
45 100
77 22.0 0.0 32.9
79 21.1 0.0 29.6





#17

2-Methylphenol

Concen: 34.155 ng

RT: 7.25 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 144850

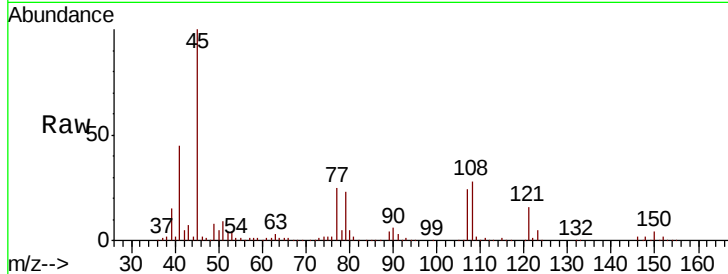
Ion Ratio Lower Upper

107 100

108 117.0 91.7 137.5

77 104.5 33.8 50.8#

79 96.1 33.8 50.8#

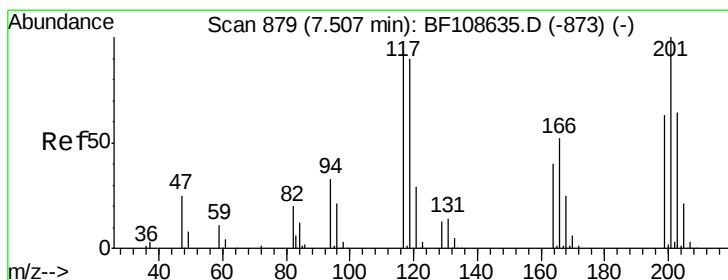
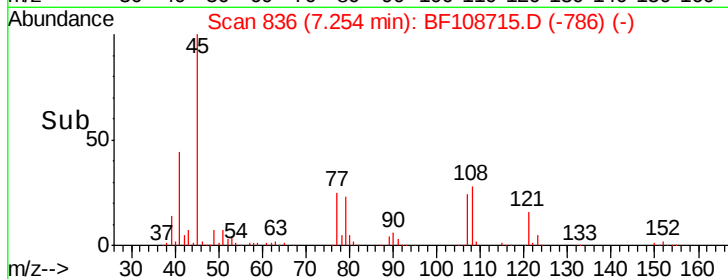
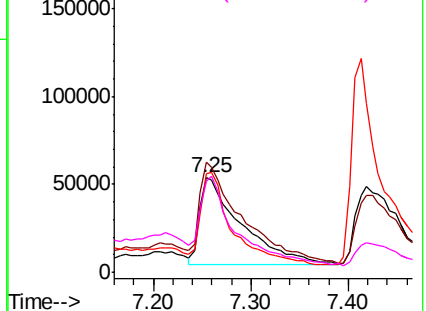


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.660 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

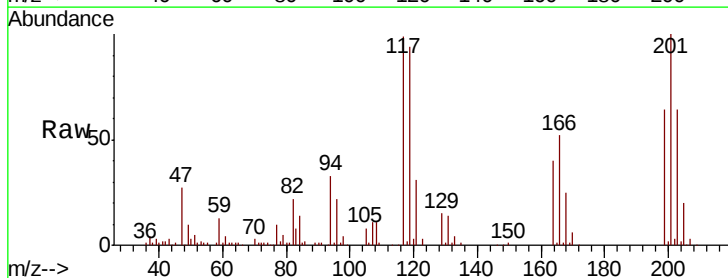
Tgt Ion:117 Resp: 82291

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

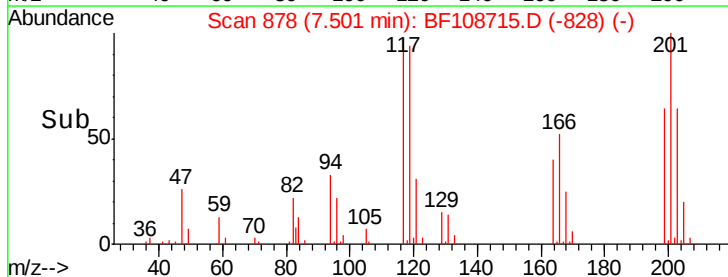
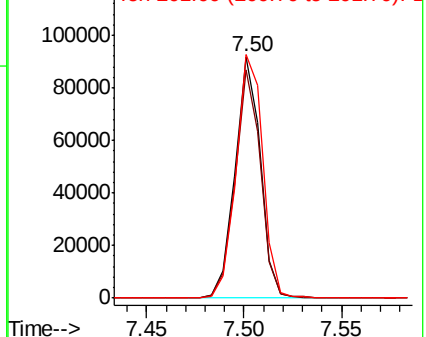
201 100.8 75.7 113.5

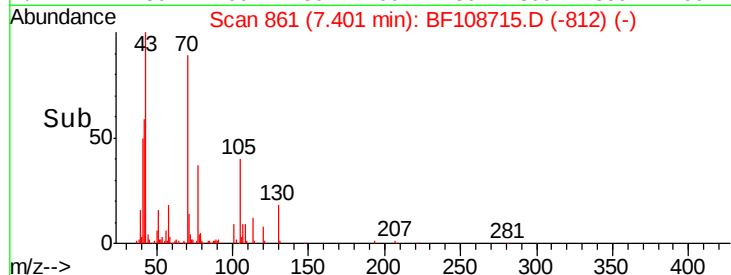
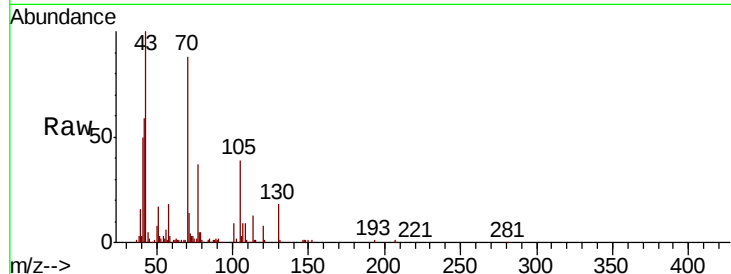
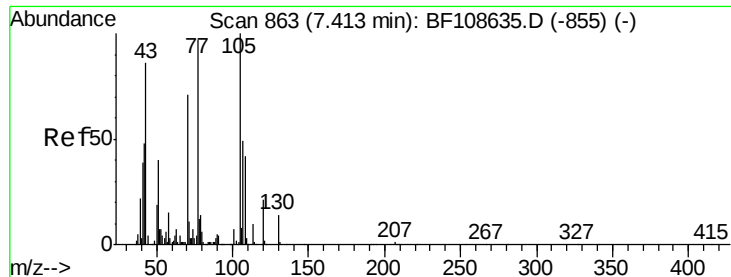


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

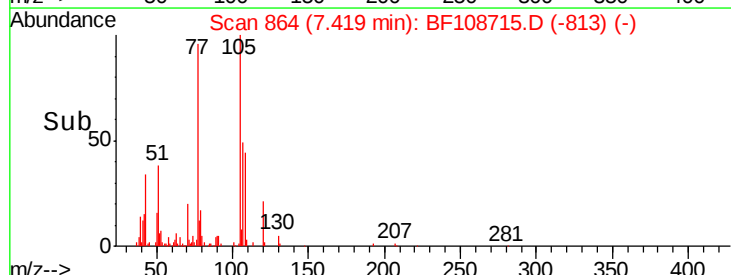
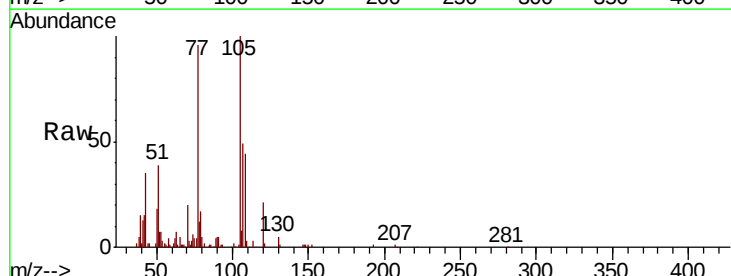
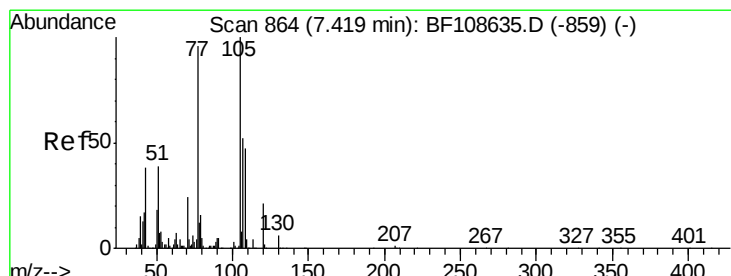
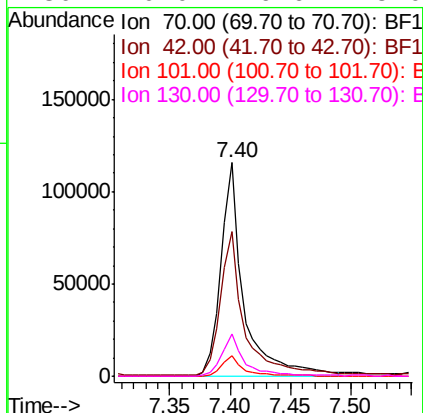




#19
n-Nitroso-di-n-propylamine
Concen: 35.419 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

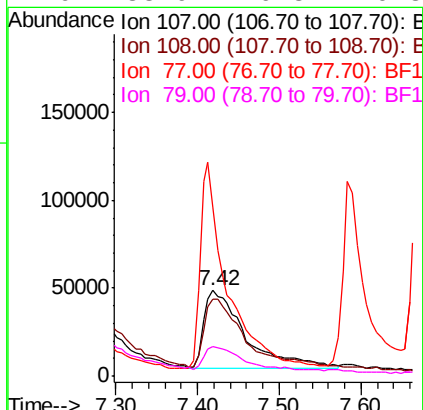
Instrument :
BNA_F
ClientSampleId :

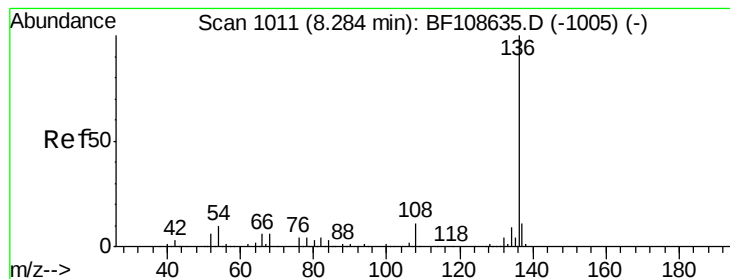
Tot Ion: 70 Resp: 151554
Ion Ratio Lower Upper
70 100
42 67.5 47.5 71.3
101 9.7 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 29.057 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 107 Resp: 154397
Ion Ratio Lower Upper
107 100
108 89.3 68.2 108.2
77 197.7 26.7 66.7#
79 33.9 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: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 277812

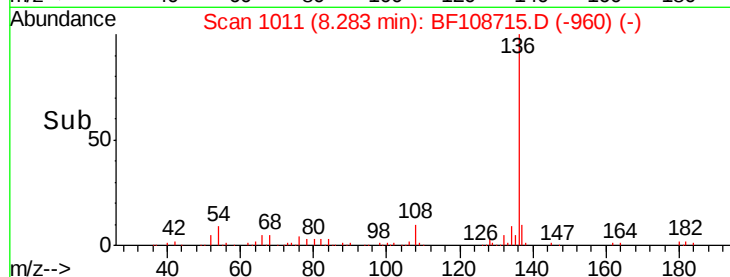
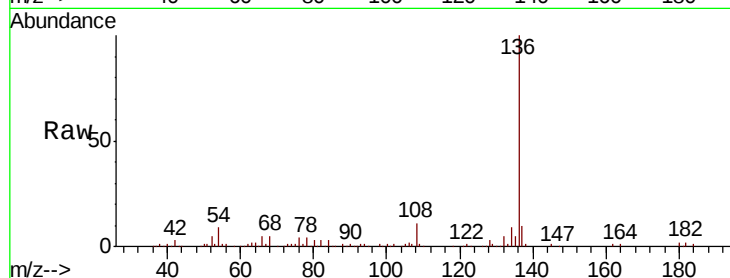
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.3 6.6 9.8

68 5.5 5.0 7.4

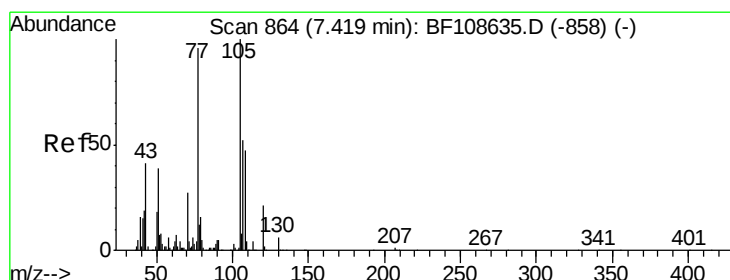
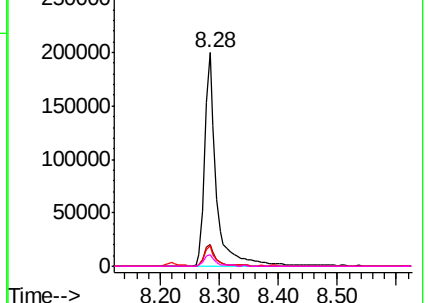


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.219 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Tgt Ion:105 Resp: 299739

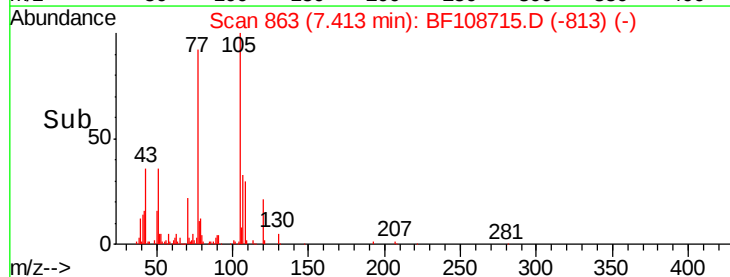
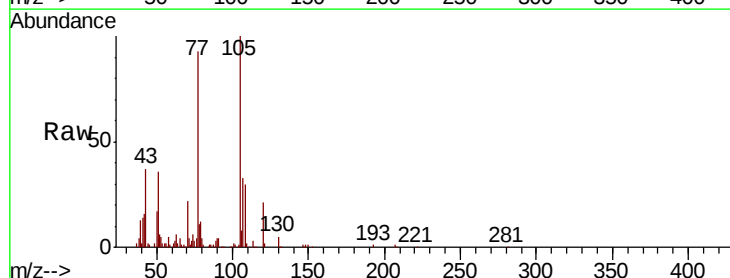
Ion Ratio Lower Upper

105 100

71 3.8 4.4 6.6#

51 36.2 22.3 33.5#

120 21.2 16.9 25.3

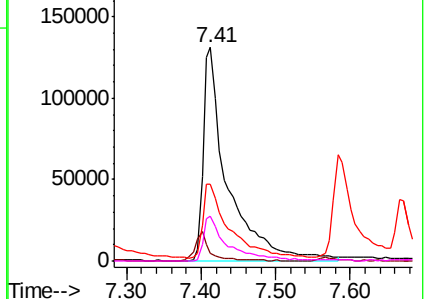


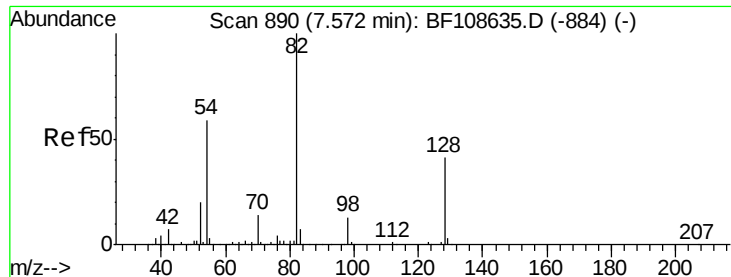
Abundance Ion 105.00 (104.70 to 105.70): E

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

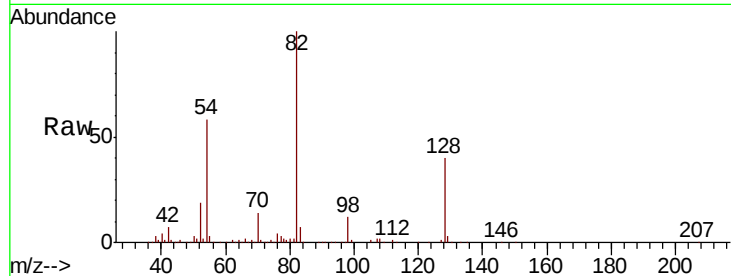




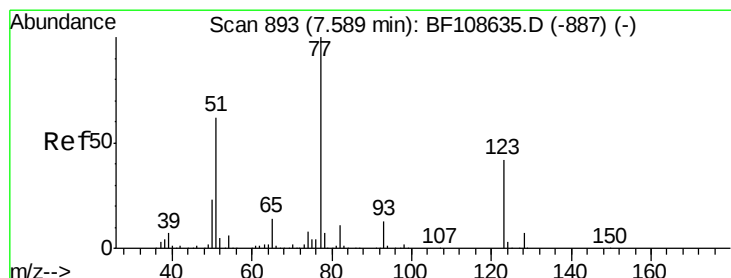
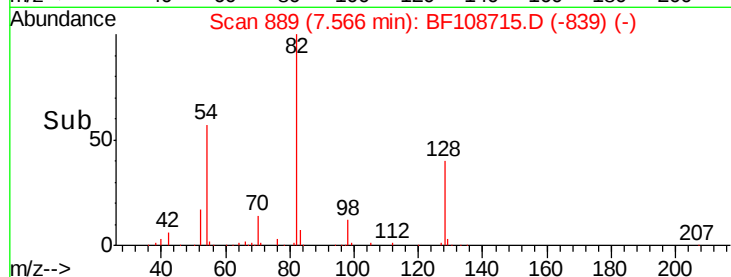
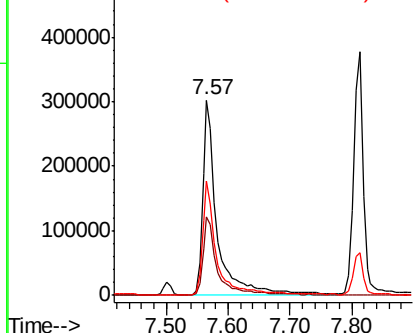
#23
Nitrobenzene-d5
Concen: 91.449 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 500520
Ion Ratio Lower Upper
82 100
128 40.4 36.1 54.1
54 58.3 41.4 62.2

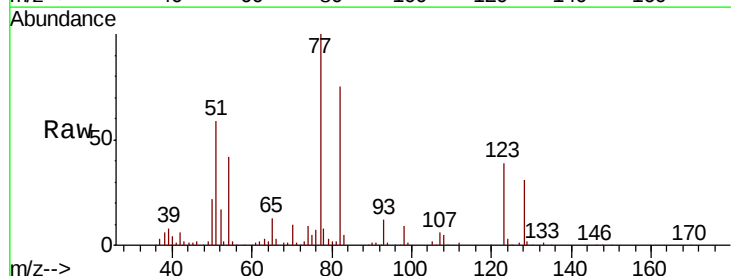


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

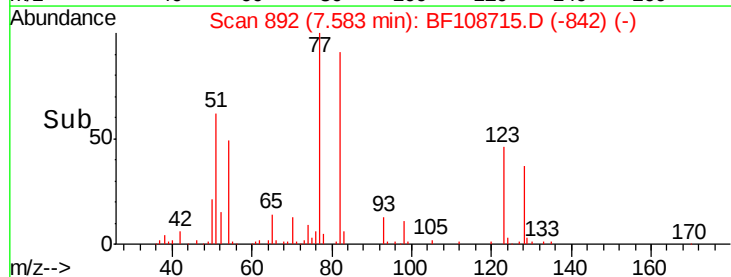
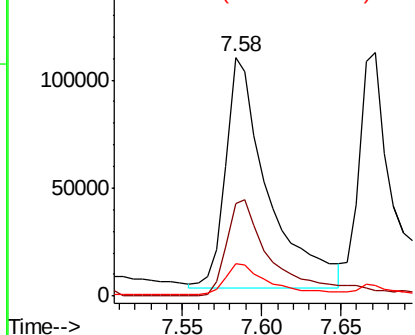


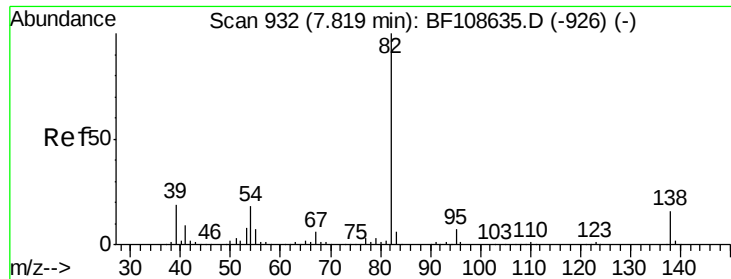
#24
Nitrobenzene
Concen: 35.856 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 77 Resp: 198987
Ion Ratio Lower Upper
77 100
123 38.8 37.9 56.9
65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 44.757 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampled :

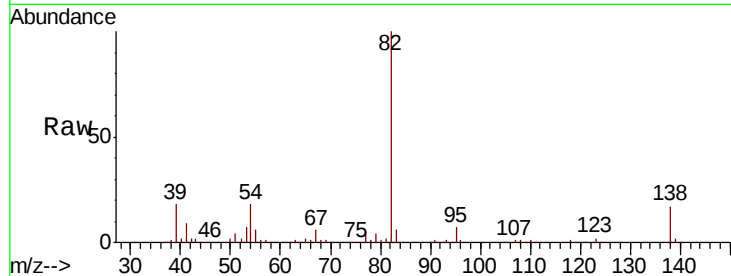
Tot Ion: 82 Resp: 406931

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

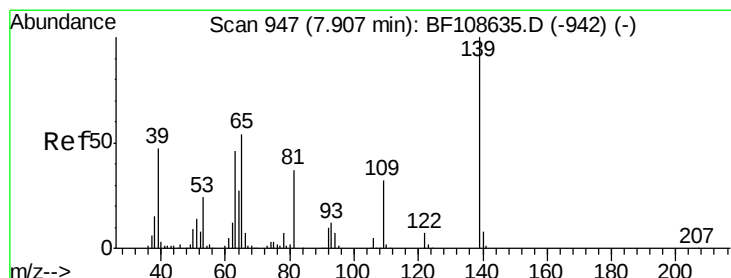
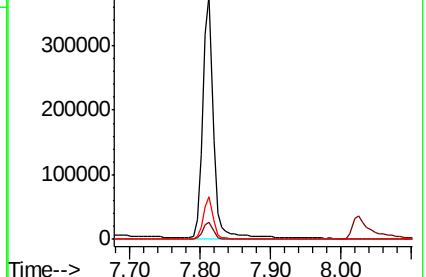
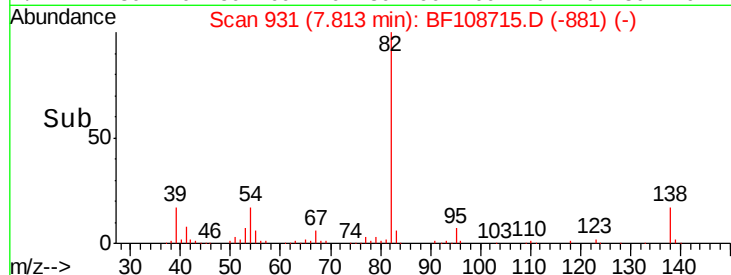
138 17.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 31.053 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

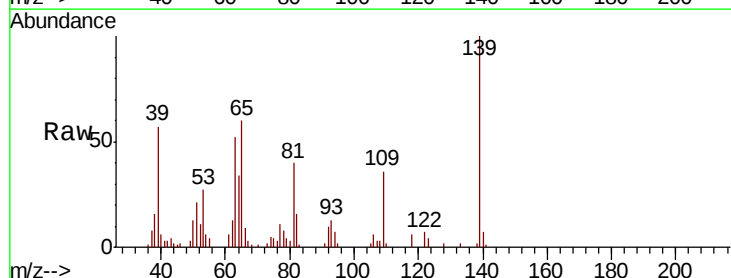
Tgt Ion: 139 Resp: 78014

Ion Ratio Lower Upper

139 100

109 36.2 22.7 34.1#

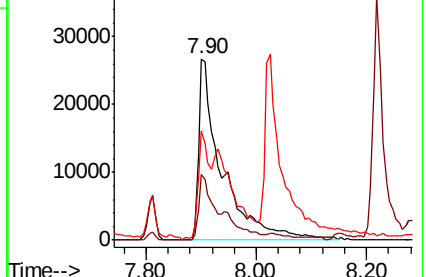
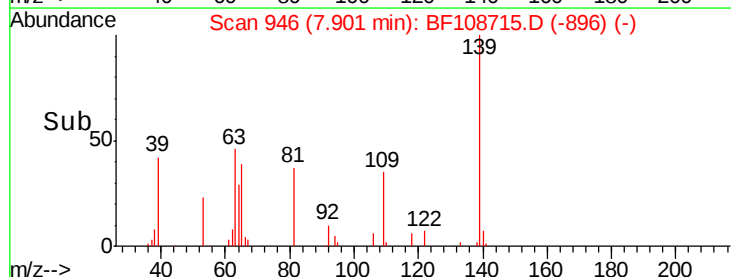
65 59.9 40.5 60.7

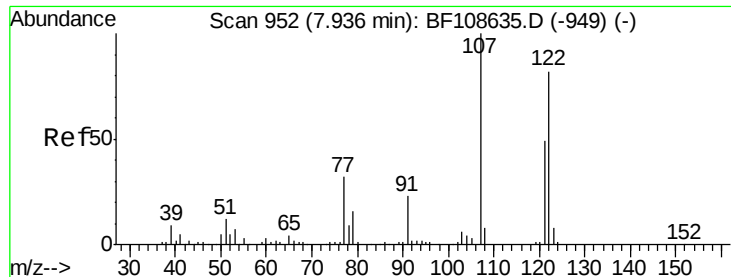


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

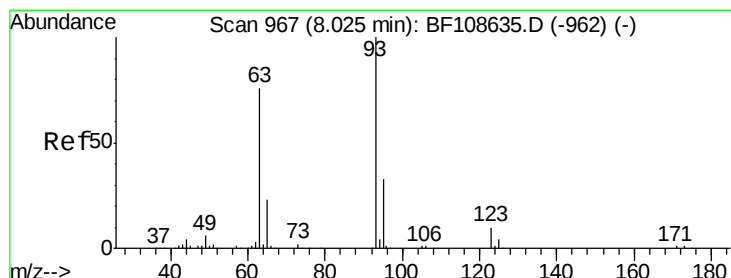
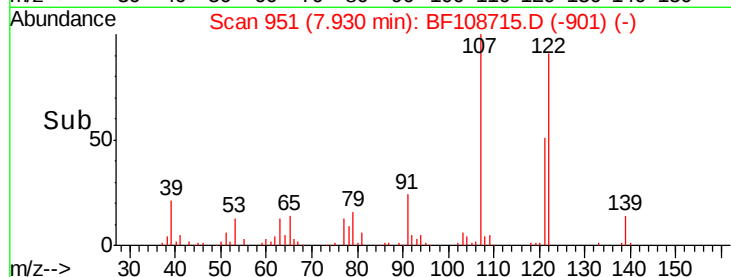
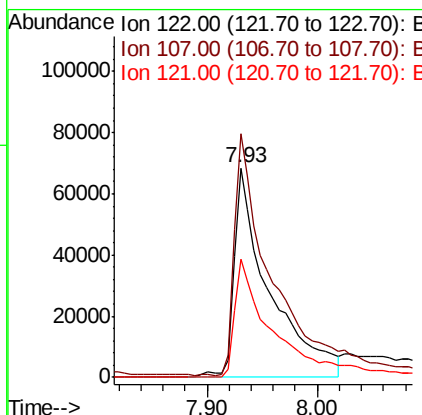
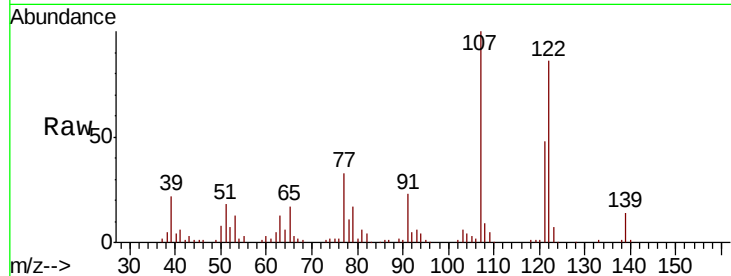




#27
 2,4-Dimethylphenol
 Concen: 41.654 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

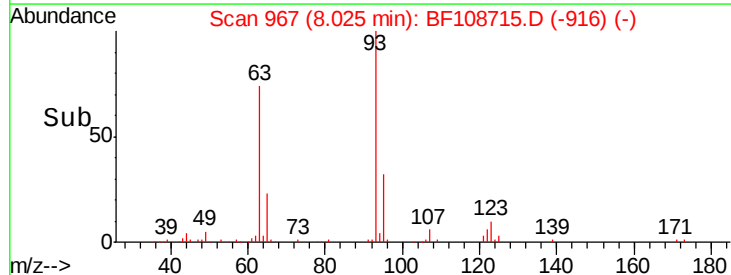
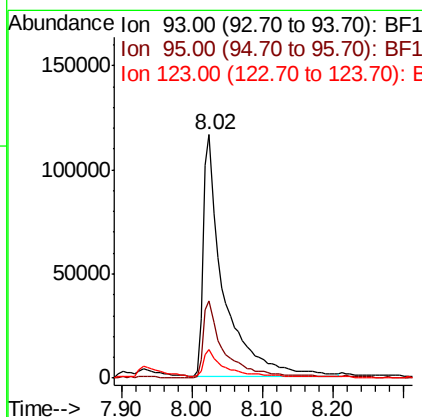
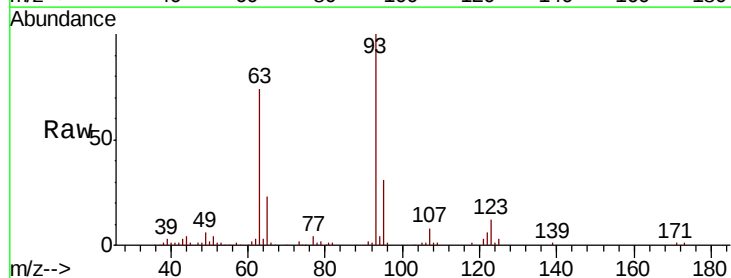
Instrument :
 BNA_F
 ClientSampleId :

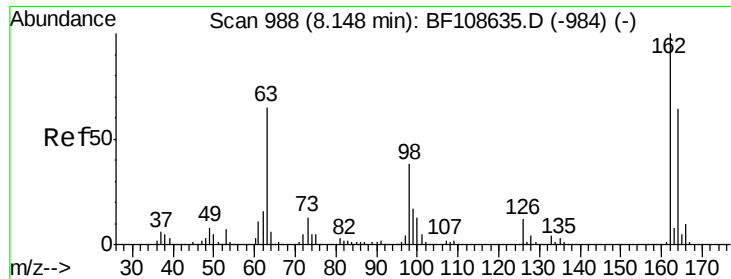
Tot Ion:122 Resp: 152193
 Ion Ratio Lower Upper
 122 100
 107 116.3 91.2 136.8
 121 56.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.435 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion: 93 Resp: 232238
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.3 39.5
 123 11.6 9.8 14.6

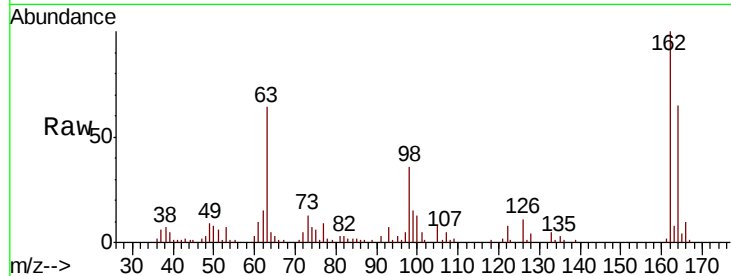




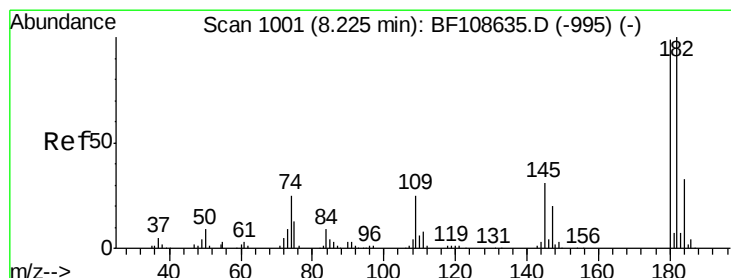
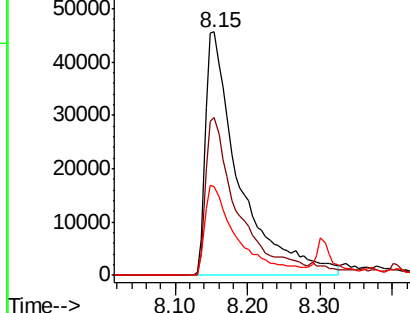
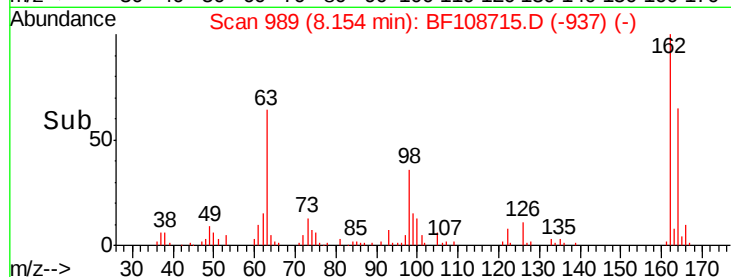
#29
 2,4-Dichlorophenol
 Concen: 34.072 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 147693
 Ion Ratio Lower Upper
 162 100
 164 64.7 42.7 82.7
 98 36.3 18.1 58.1

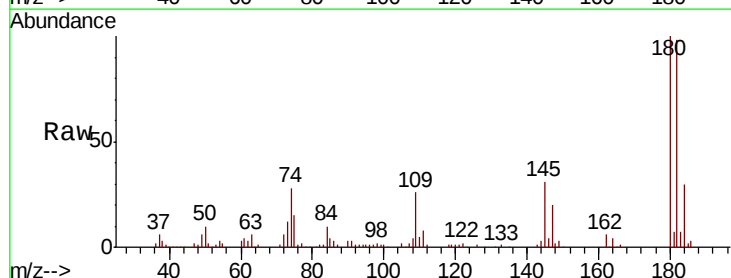


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

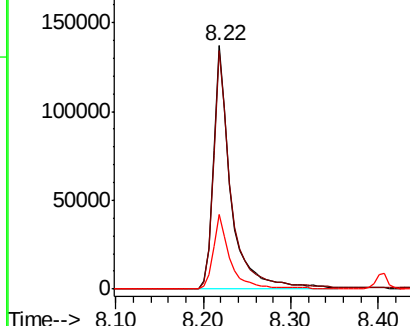
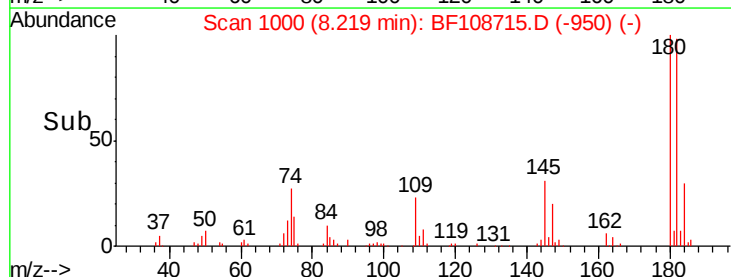


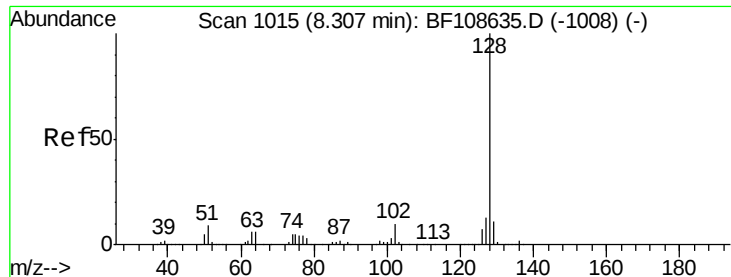
#30
 1,2,4-Trichlorobenzene
 Concen: 39.281 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:180 Resp: 190404
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.8 115.2
 145 30.9 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

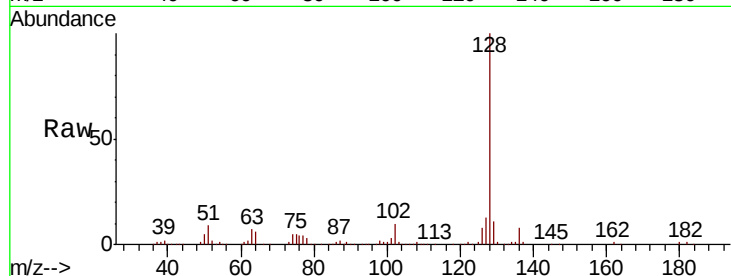




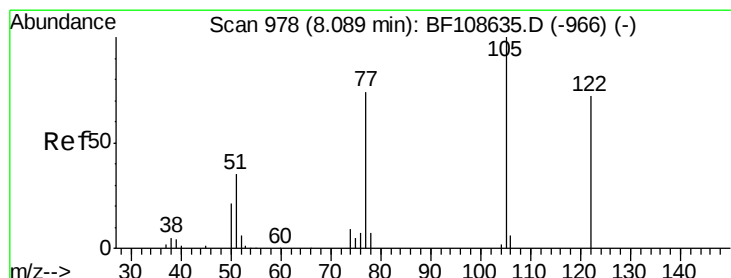
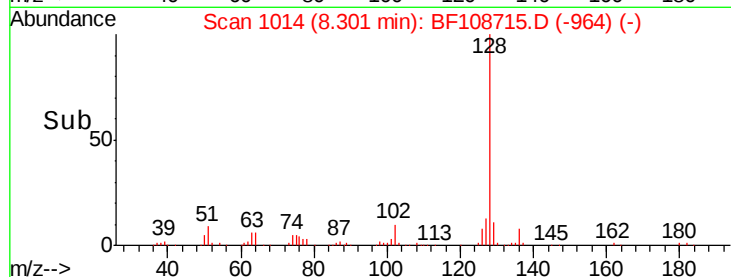
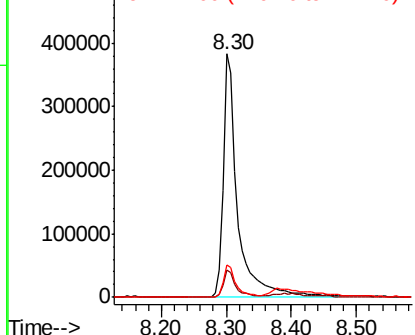
#31
Naphthalene
Concen: 44.430 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 587912
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3

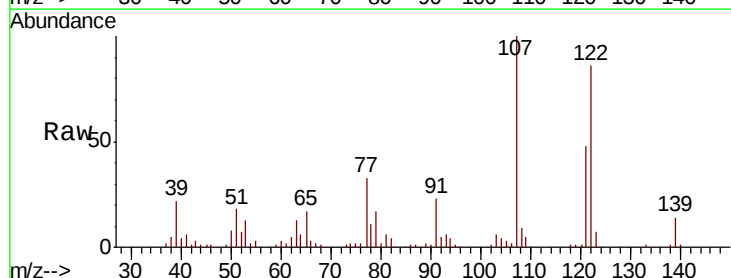


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

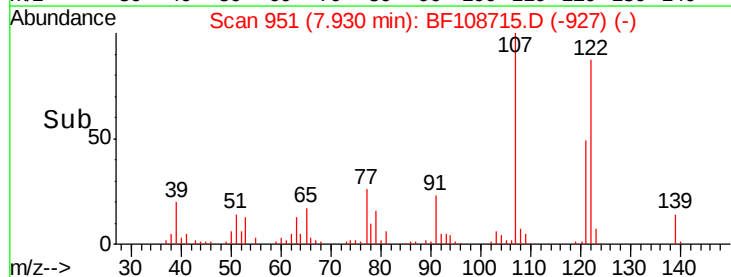
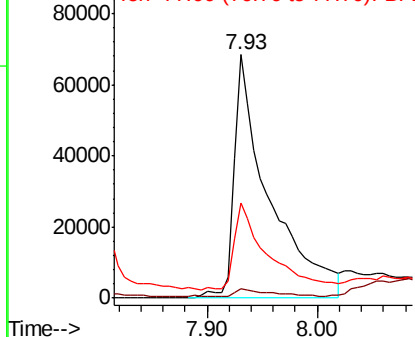


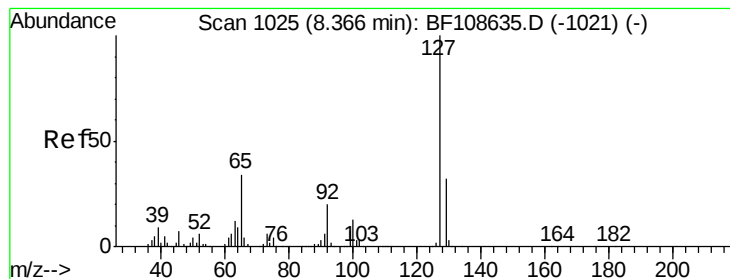
#32
Benzoic acid
Concen: 64.952 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.16 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:122 Resp: 152193
Ion Ratio Lower Upper
122 100
105 3.9 101.1 141.1#
77 38.9 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: 10.392 ng

RT: 8.38 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 60703

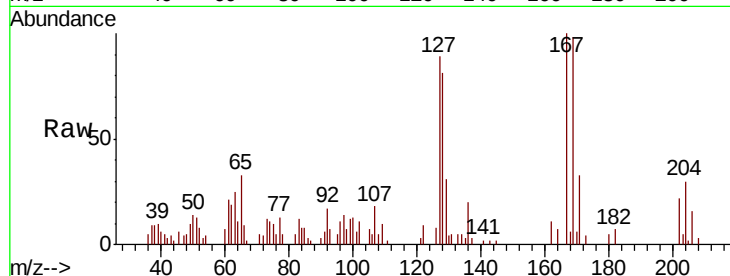
Ion Ratio Lower Upper

127 100

129 35.1 25.9 38.9

65 36.8 25.0 37.4

92 18.8 15.2 22.8

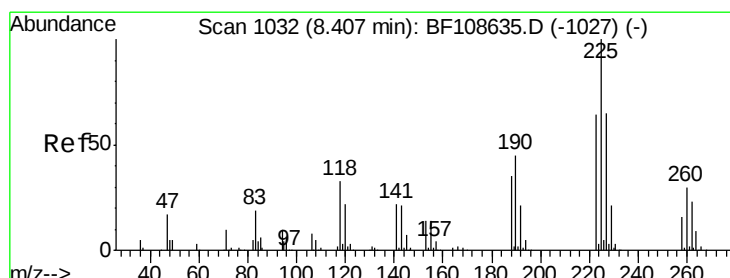
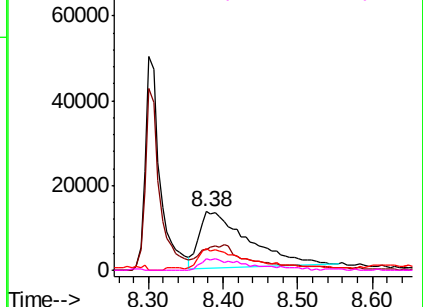
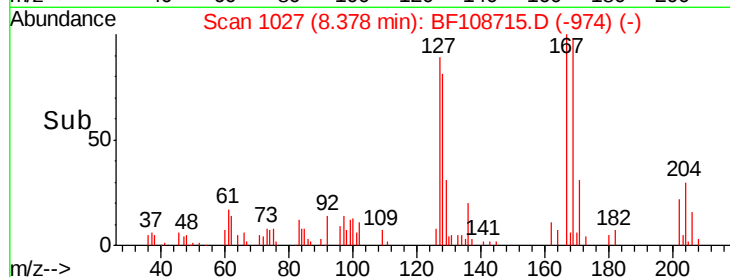


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.711 ng

RT: 8.41 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

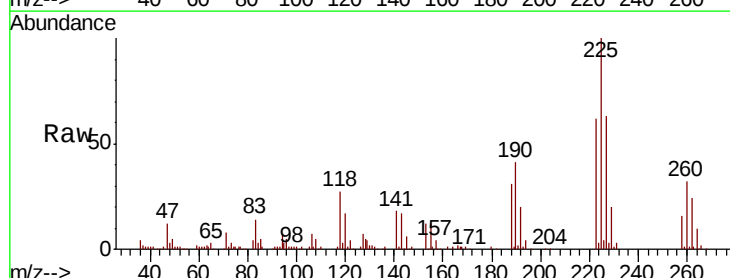
Tgt Ion:225 Resp: 129571

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

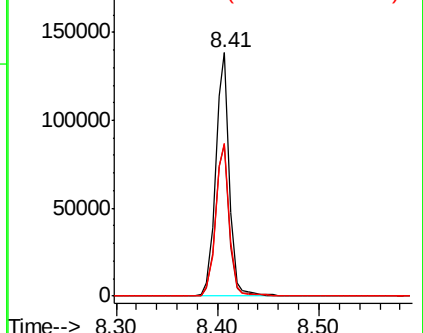
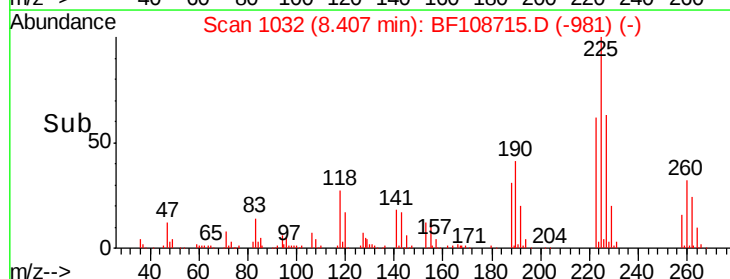
227 63.0 51.9 77.9

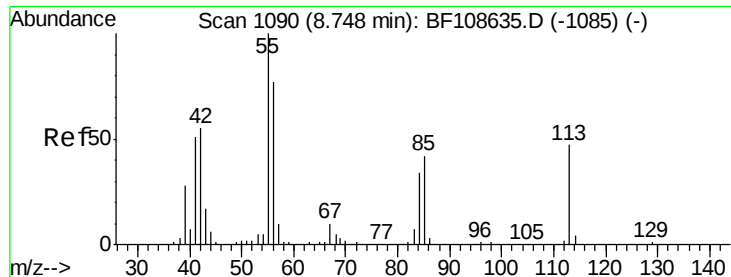


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.380 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampled :

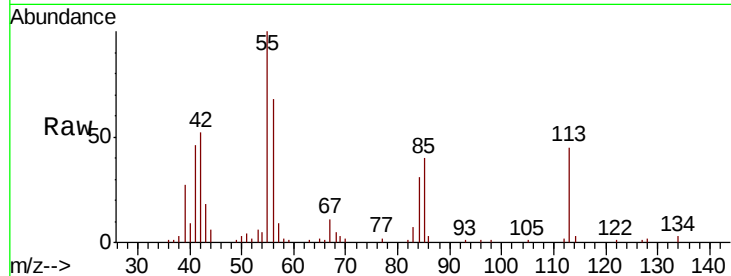
Tot Ion:113 Resp: 33935

Ion Ratio Lower Upper

113 100

55 220.3 163.3 203.3#

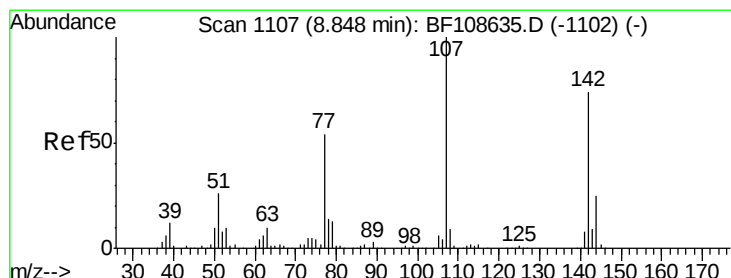
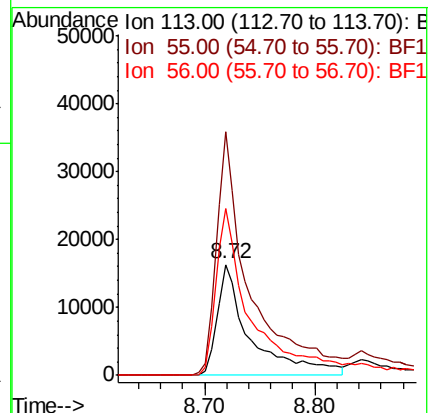
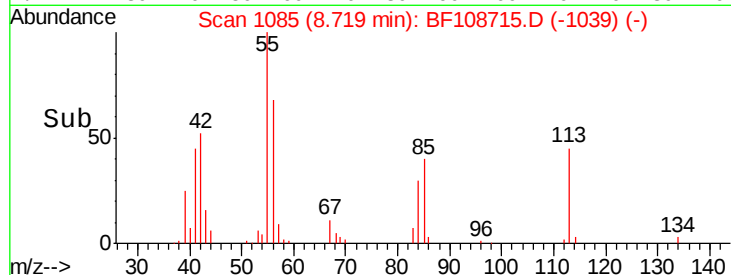
56 150.5 115.7 155.7



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: 31.917 ng

RT: 8.84 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

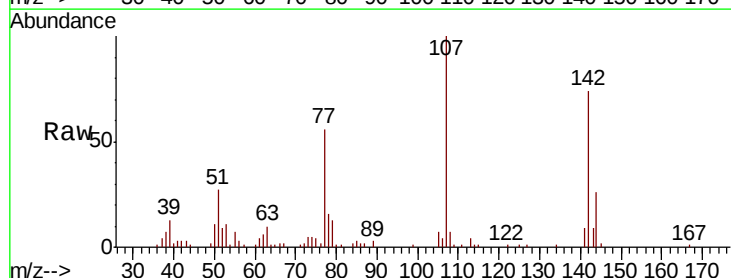
Tgt Ion:107 Resp: 148487

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

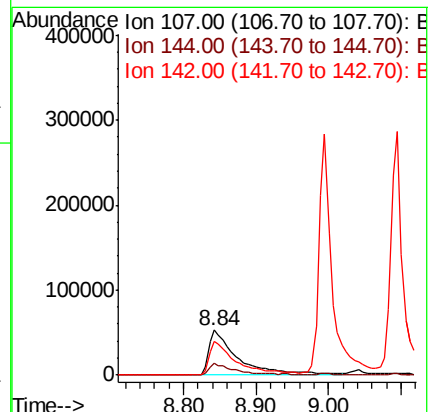
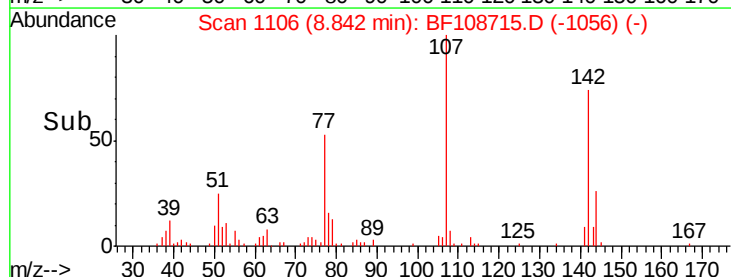
142 73.9 62.0 93.0

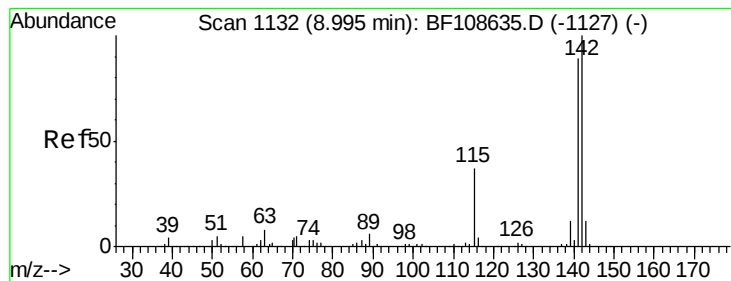


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

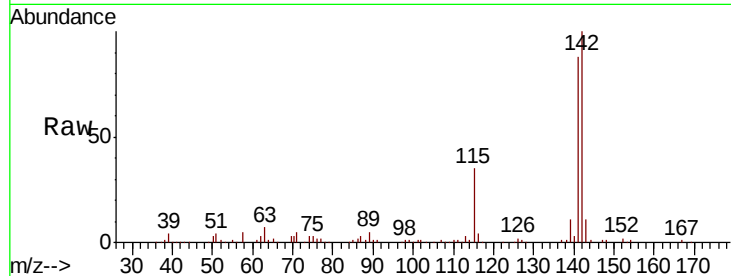




#37
2-Methylnaphthalene
Concen: 39.874 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	35.3	26.1	39.1

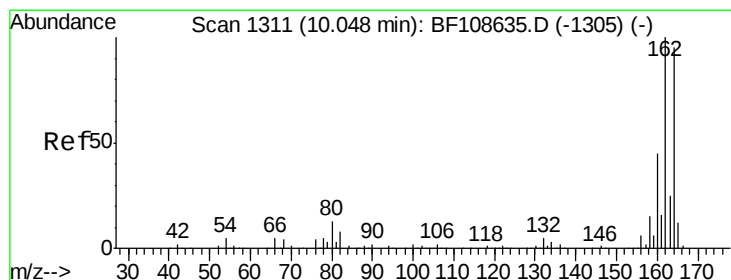
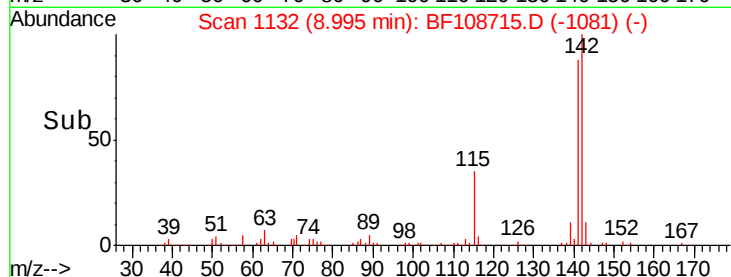
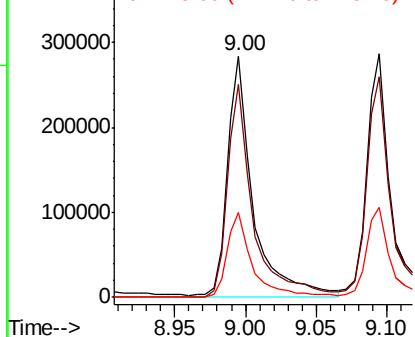


Abundance

Ion 142.00 (141.70 to 142.70): E

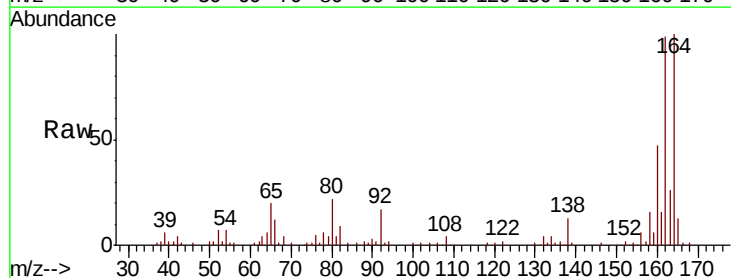
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	47.1	38.3	57.5

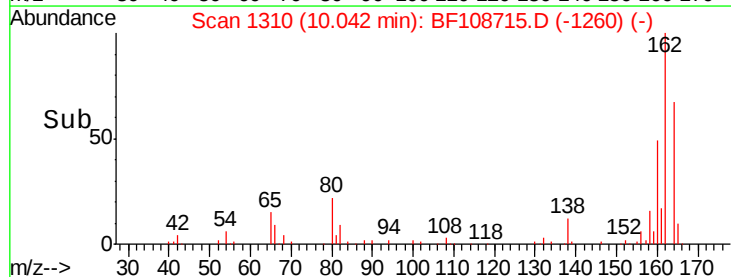
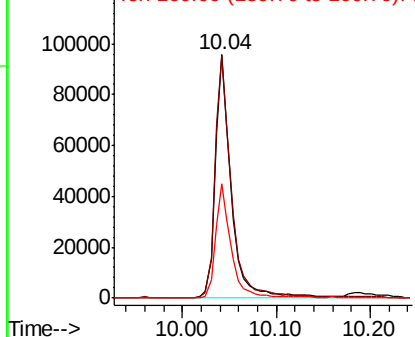


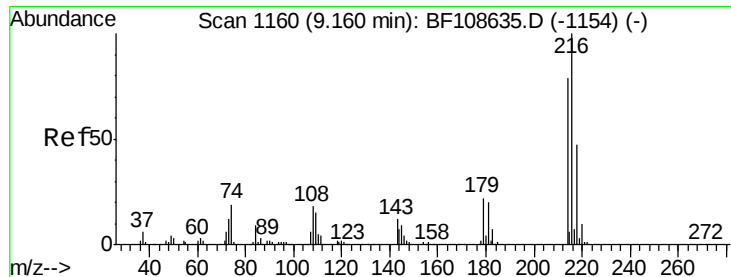
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

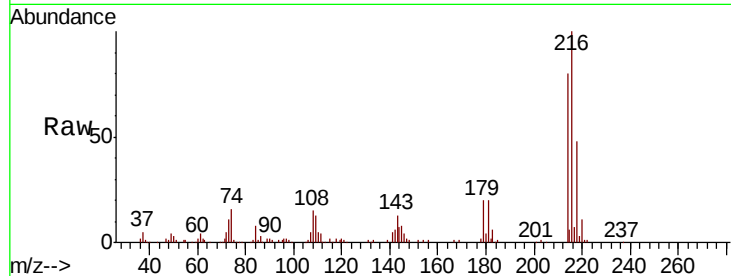




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.852 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	19.9	18.1	27.1
108	15.9	17.2	25.8



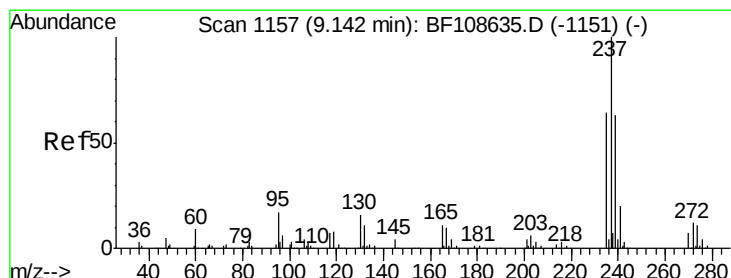
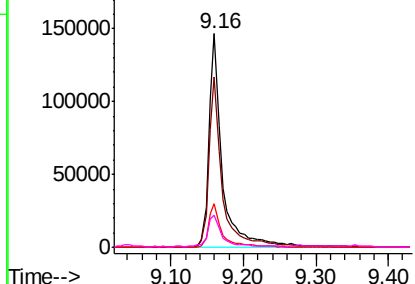
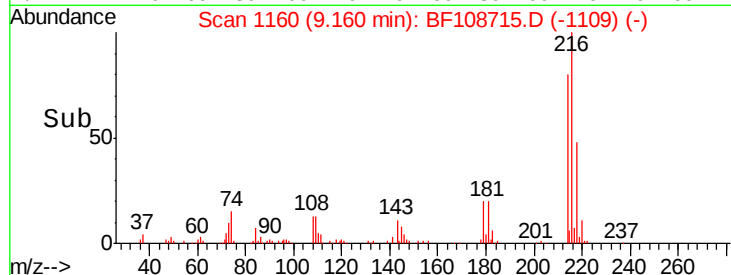
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

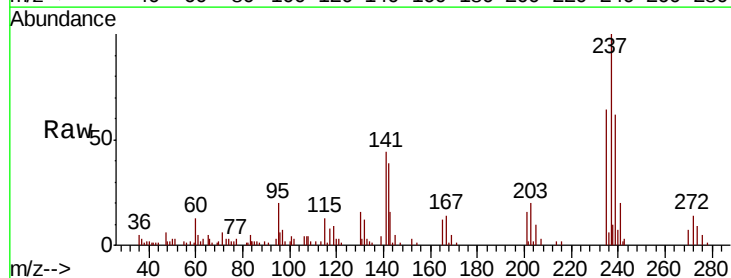
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 22.880 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.7	0.0	33.3

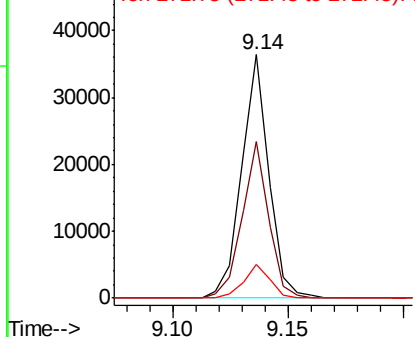
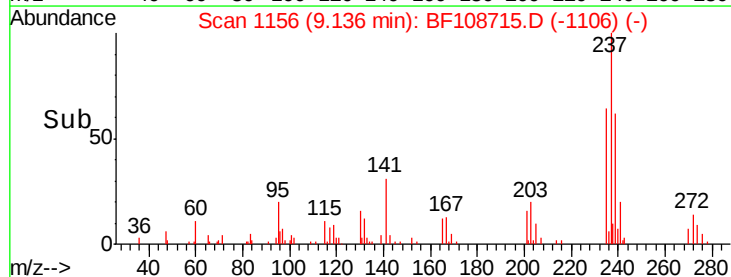


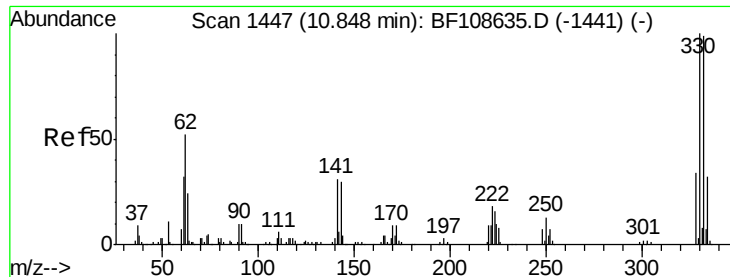
Abundance

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

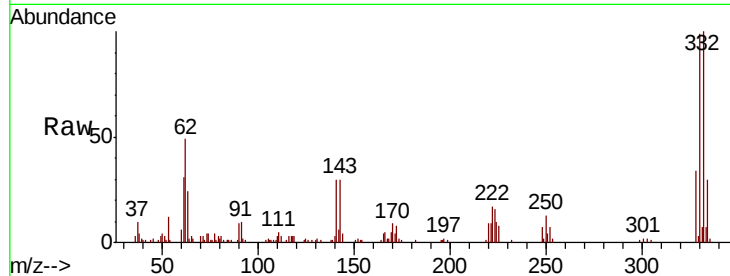




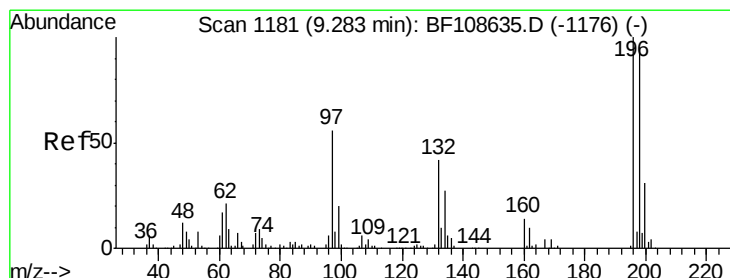
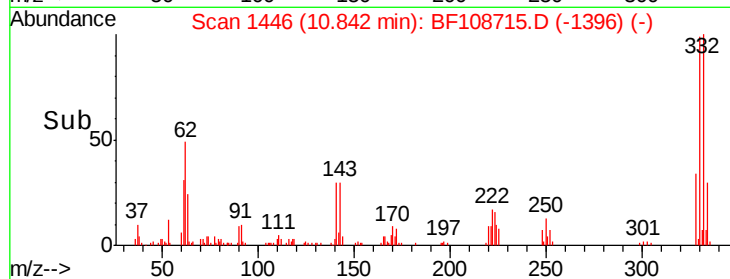
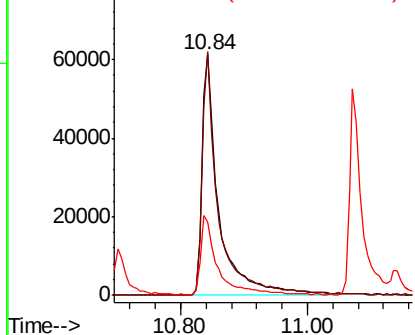
#41
 2,4,6-Tribromophenol
 Concen: 74.096 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112797
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.9 29.9 44.9

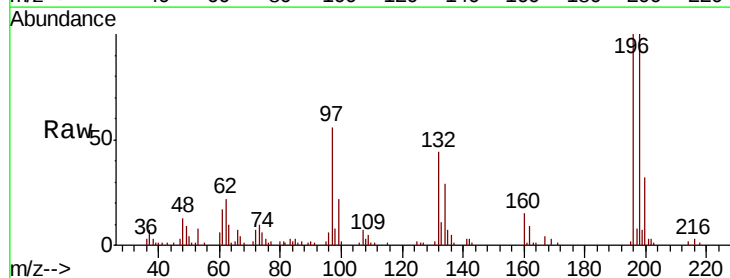


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

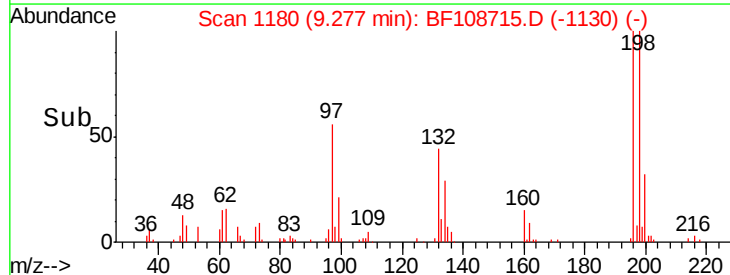
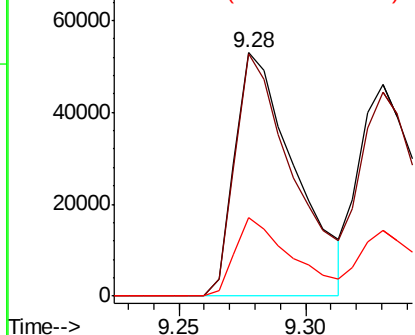


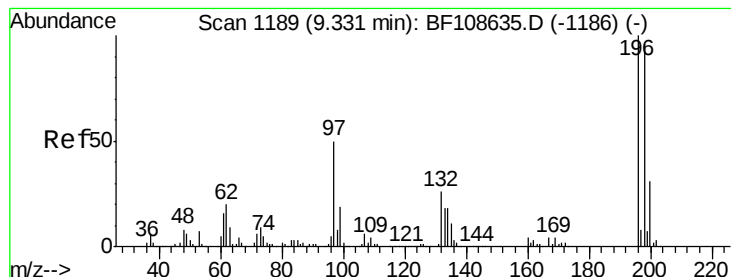
#42
 2,4,6-Trichlorophenol
 Concen: 36.046 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:196 Resp: 87387
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.7 113.5
 200 32.4 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 36.986 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 104562

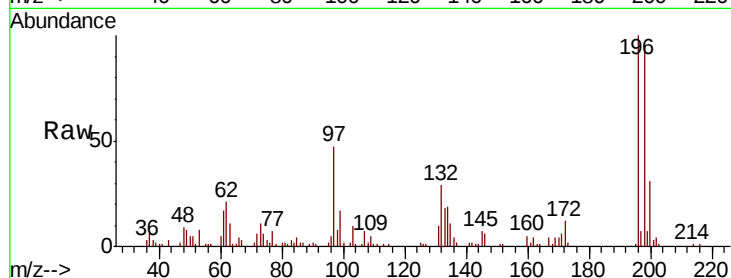
Ion Ratio Lower Upper

196 100

198 96.2 74.6 112.0

97 47.5 42.9 64.3

132 29.2 26.3 39.5

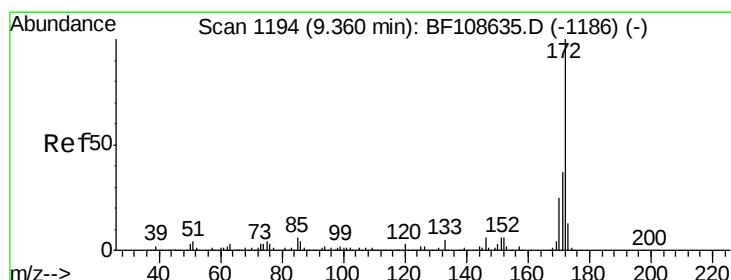
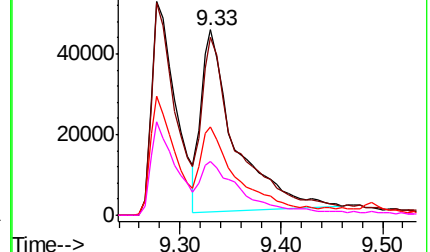
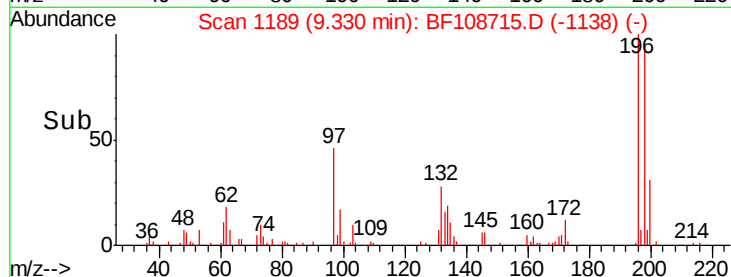


Abundance Ion 196.00 (195.70 to 196.70): E

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: 102.030 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

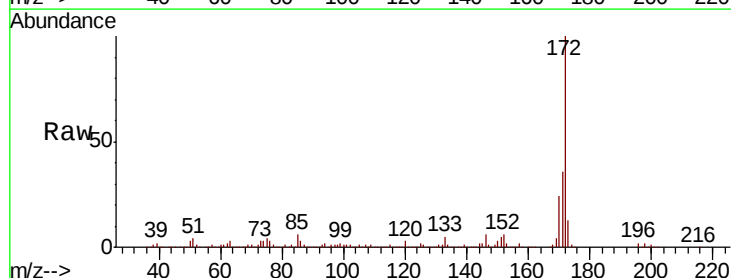
Tgt Ion:172 Resp: 875050

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

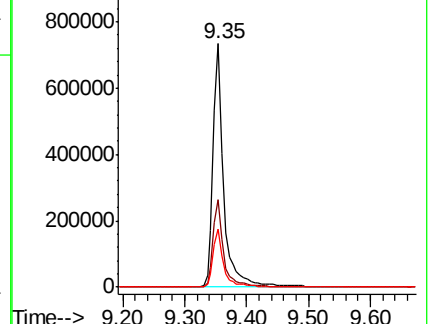
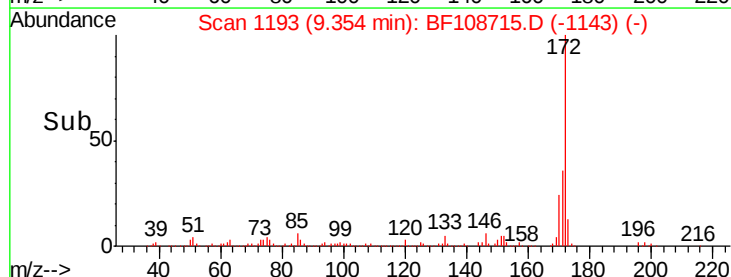
170 24.0 19.6 29.4

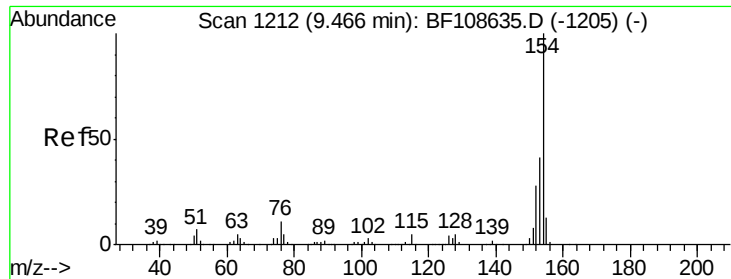


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

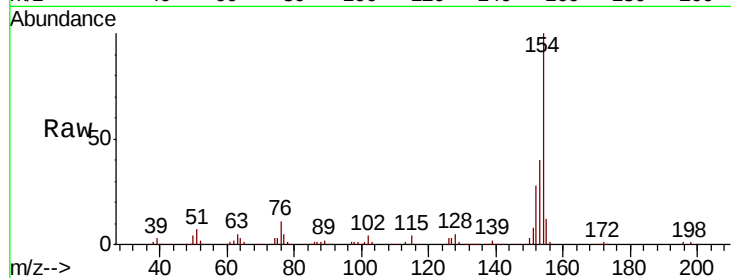




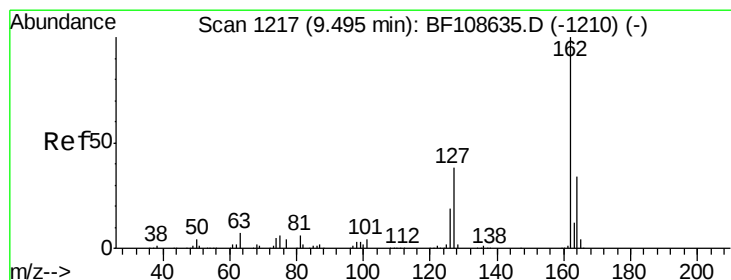
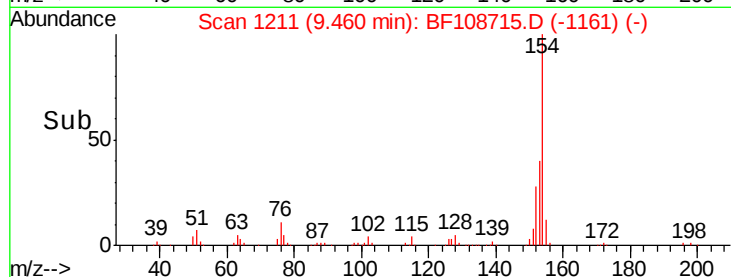
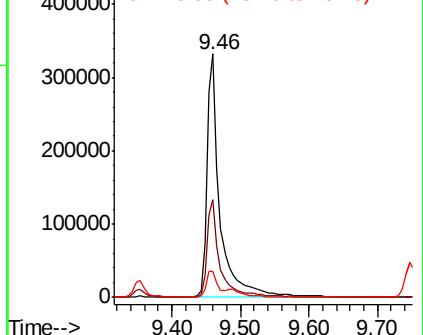
#45
 1,1'-Biphenyl
 Concen: 44.306 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 444784
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 10.8 0.0 34.0

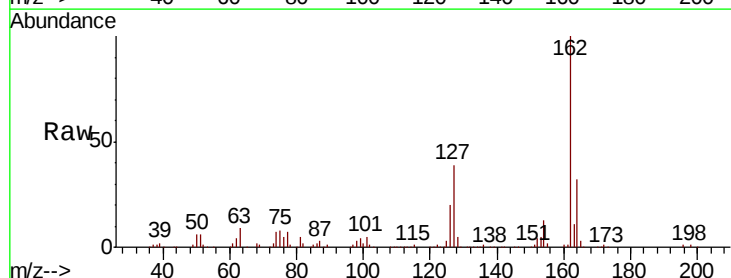


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

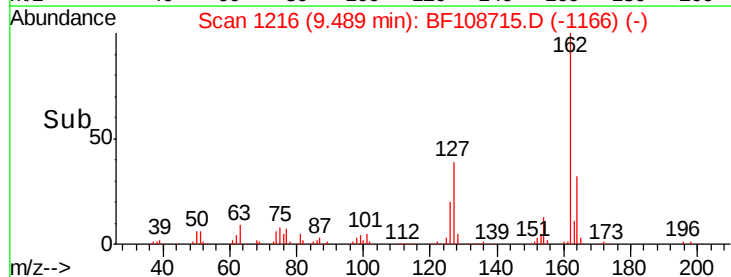
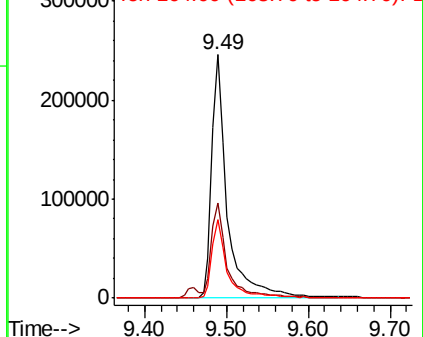


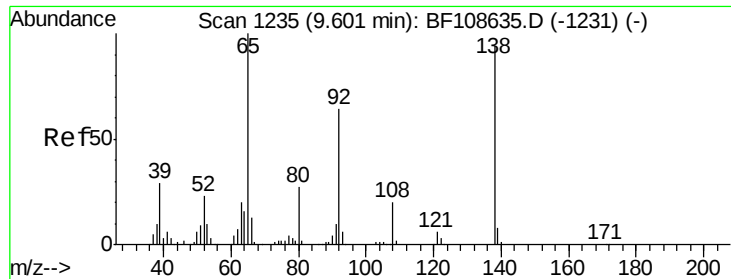
#46
 2-Chloronaphthalene
 Concen: 41.771 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:162 Resp: 328285
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.9 50.9
 164 32.0 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

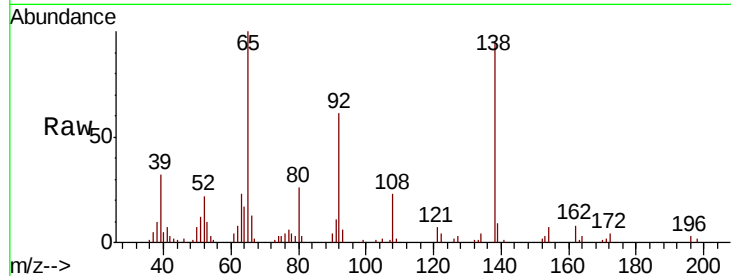




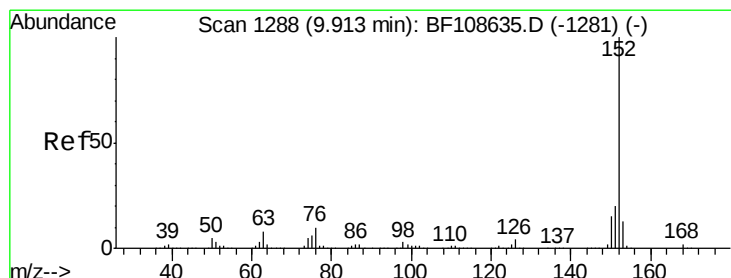
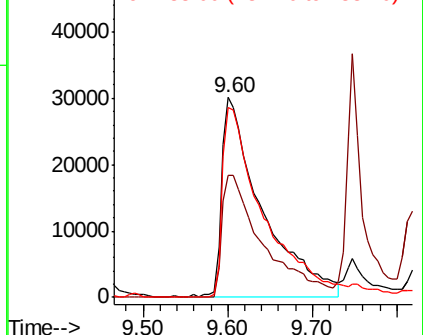
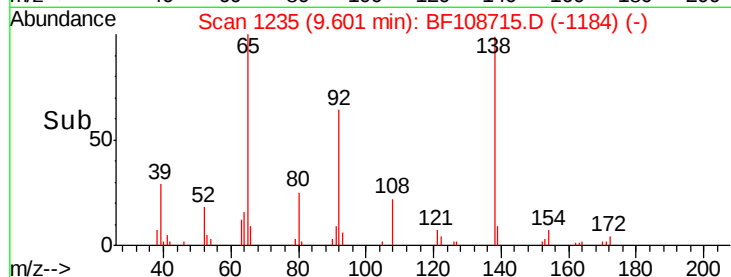
#47
2-Nitroaniline
Concen: 37.933 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 99709
Ion Ratio Lower Upper
65 100
92 61.3 55.8 83.6
138 95.1 91.2 136.8

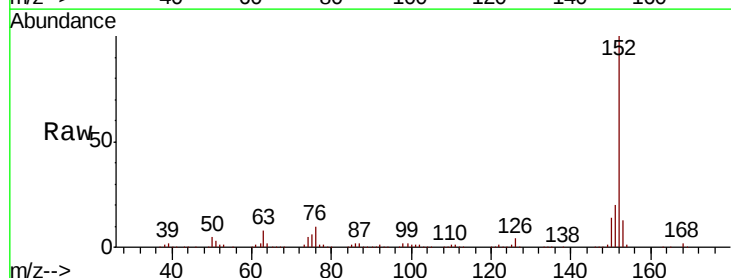


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

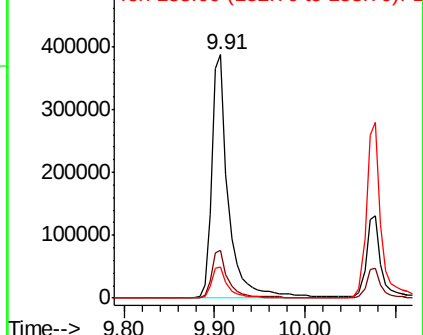
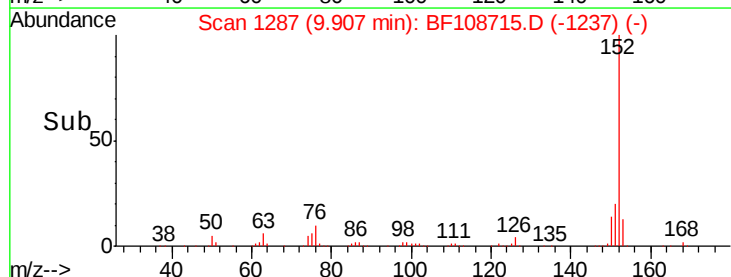


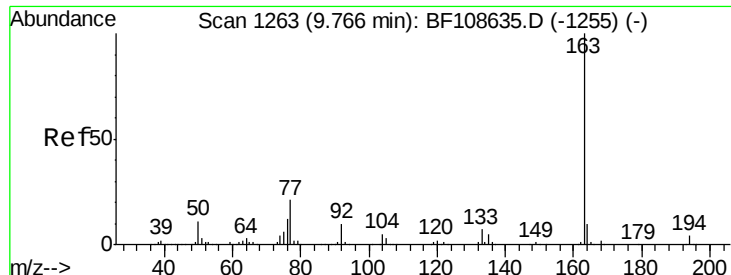
#48
Acenaphthylene
Concen: 43.582 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 152 Resp: 501467
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

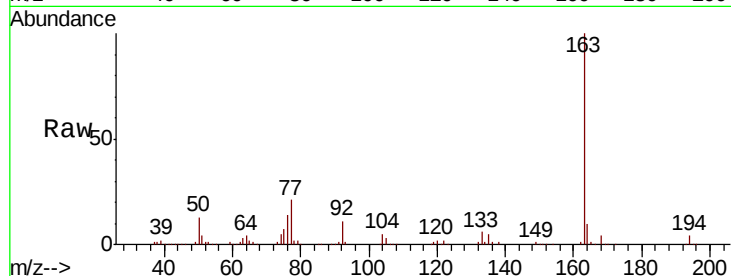




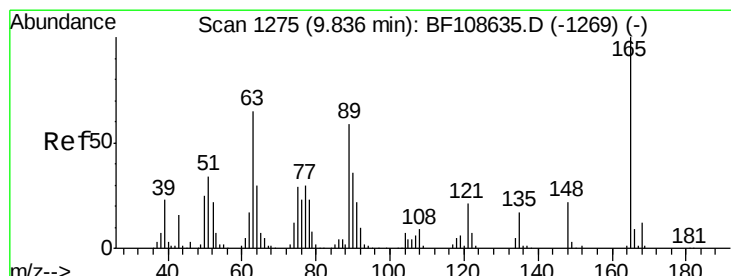
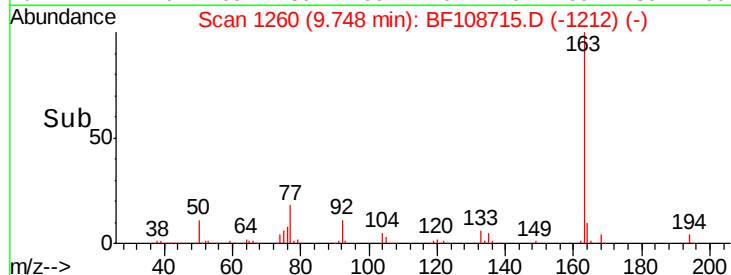
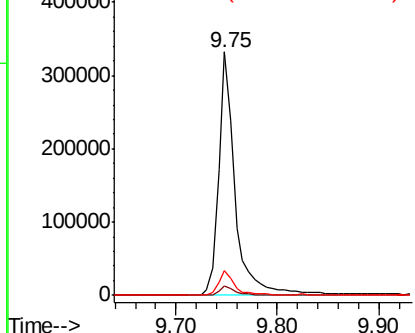
#49
Dimethylphthalate
Concen: 41.635 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 378075
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

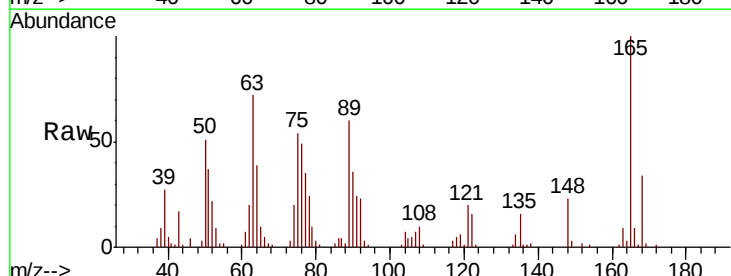


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

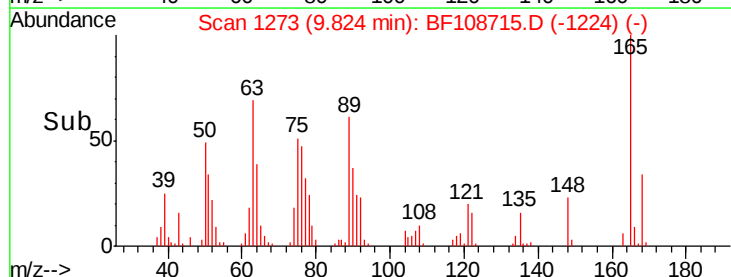
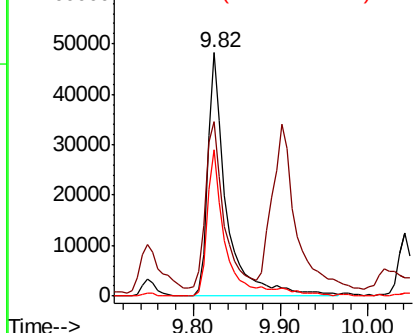


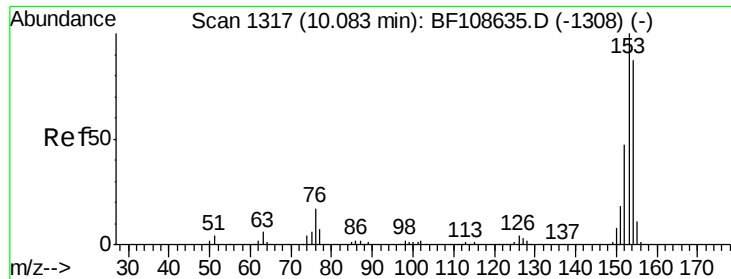
#50
2,6-Dinitrotoluene
Concen: 35.484 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:165 Resp: 71024
Ion Ratio Lower Upper
165 100
63 71.6 44.7 67.1#
89 60.1 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

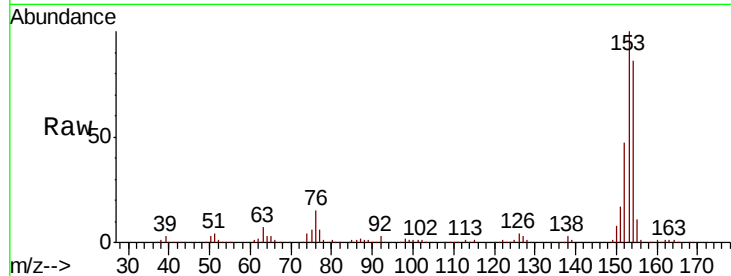




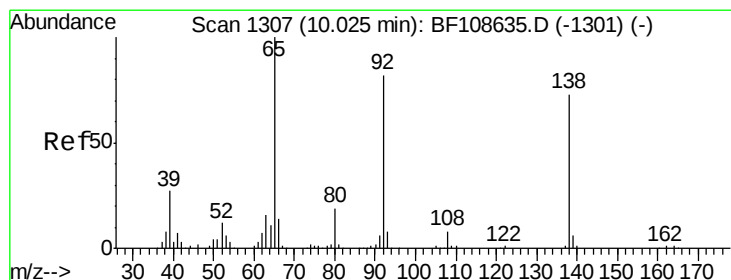
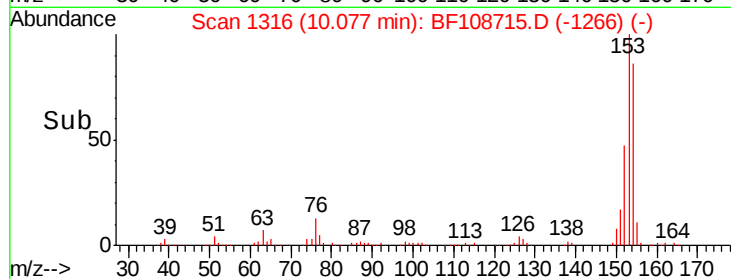
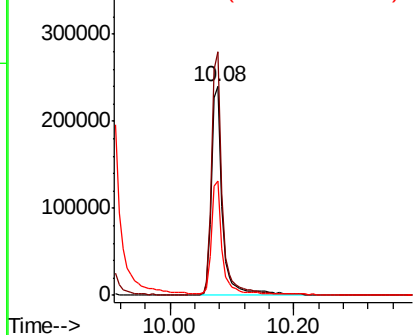
#51
Acenaphthene
Concen: 42.448 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 292025
Ion Ratio Lower Upper
154 100
153 116.6 91.2 136.8
152 54.6 43.8 65.8

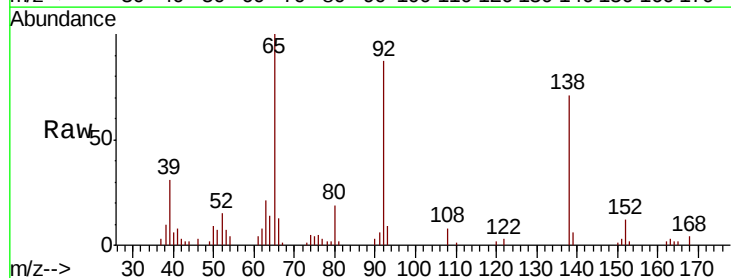


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

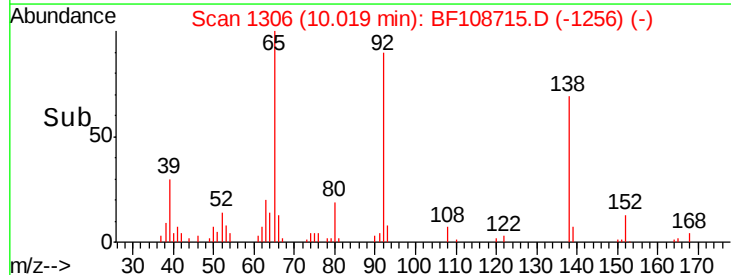
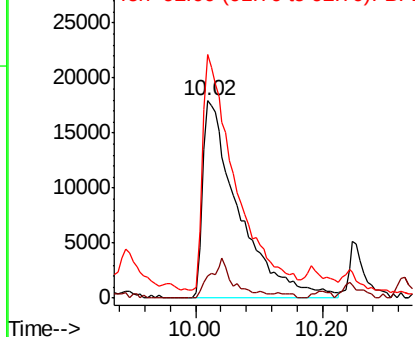


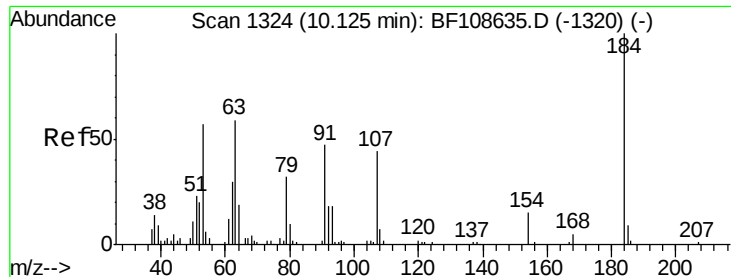
#52
3-Nitroaniline
Concen: 32.807 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:138 Resp: 71037
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 123.6 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

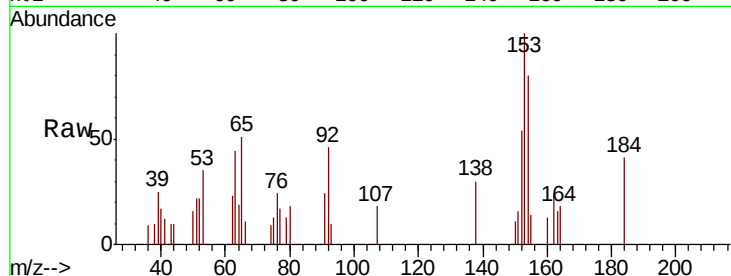




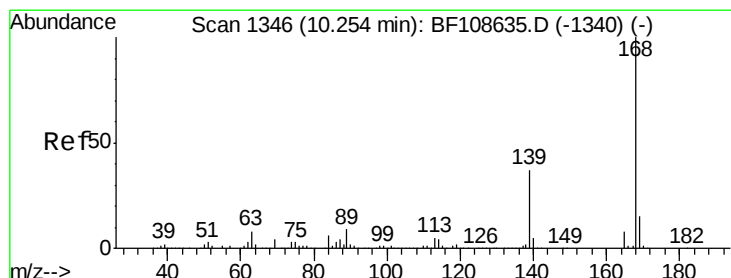
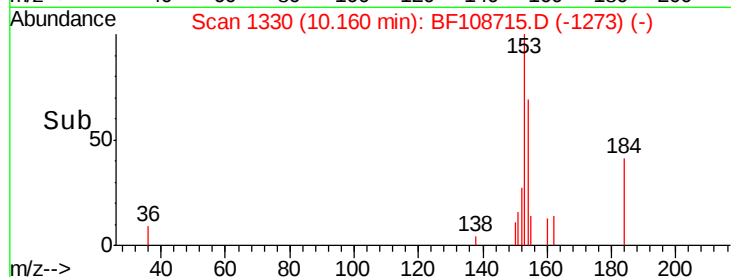
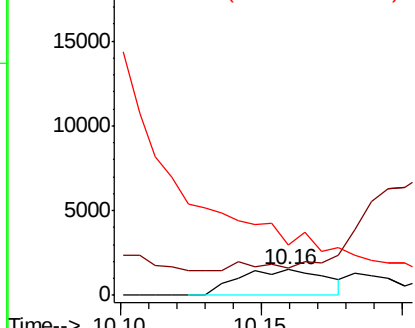
#53
 2,4-Dinitrophenol
 Concen: 4.824 ng
 RT: 10.16 min Scan# 1330
 Delta R.T. 0.04 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 3283
 Ion Ratio Lower Upper
 184 100
 63 107.0 54.2 81.2#
 154 194.6 184.0 276.0

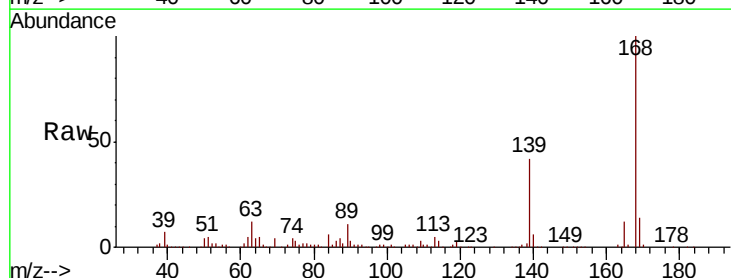


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

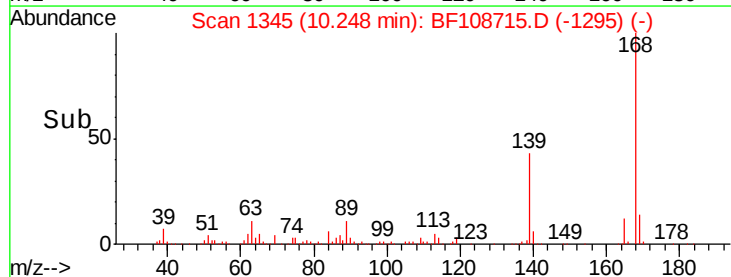
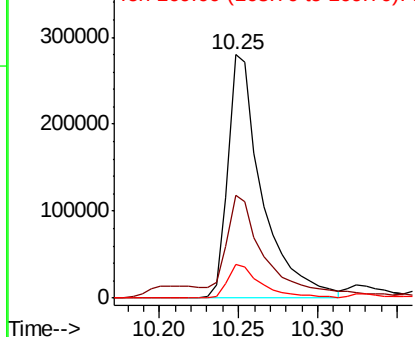


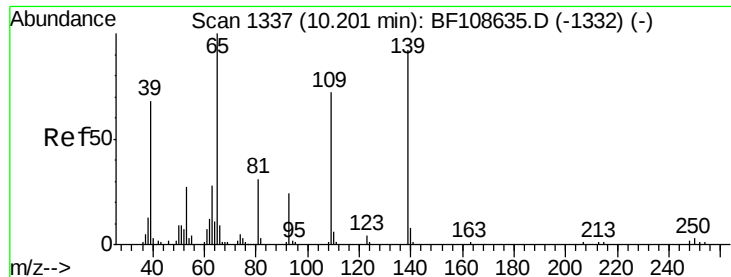
#54
 Dibenzofuran
 Concen: 38.988 ng
 RT: 10.25 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:168 Resp: 419710
 Ion Ratio Lower Upper
 168 100
 139 42.2 30.1 45.1
 169 14.0 10.9 16.3



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

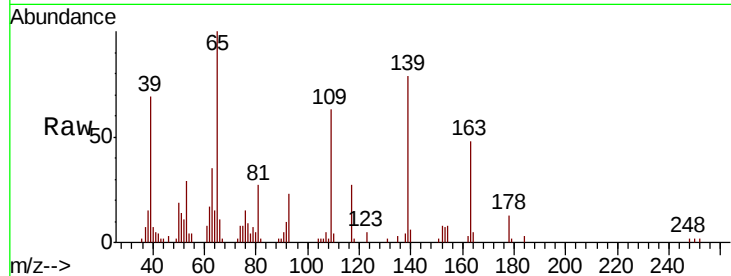




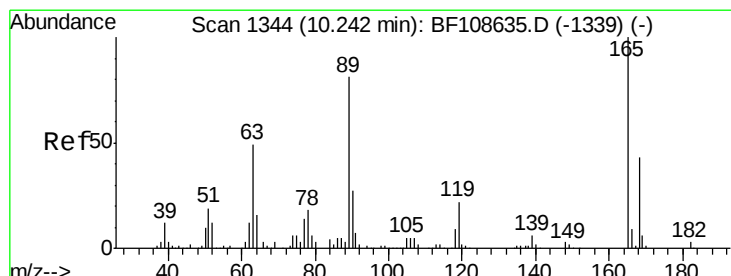
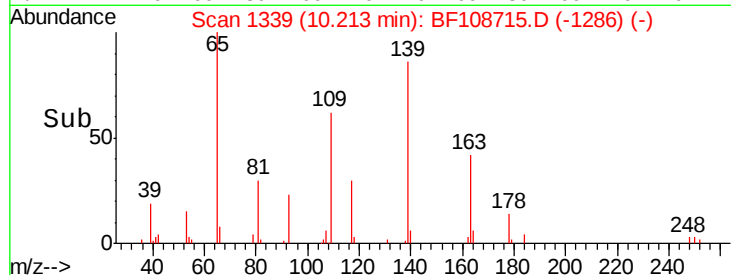
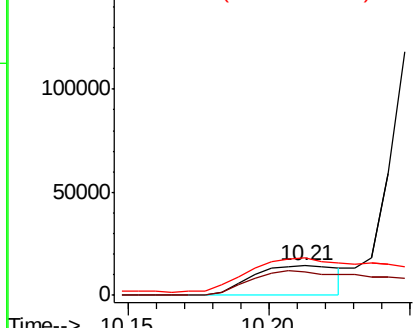
#55
4-Nitrophenol
Concen: 25.432 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 30363
Ion Ratio Lower Upper
139 100
109 79.5 48.4 88.4
65 126.2 72.6 112.6#

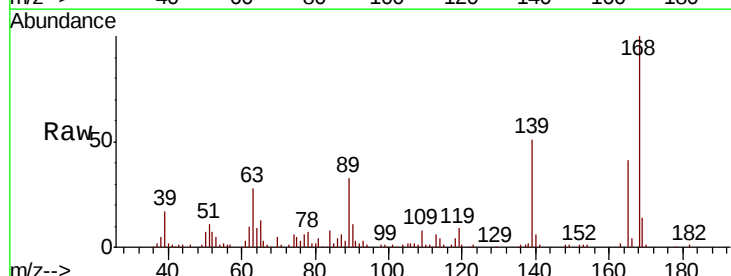


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

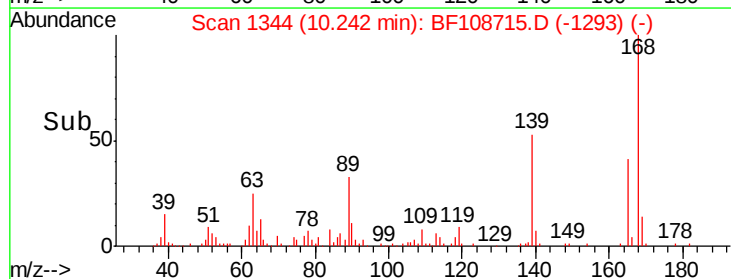
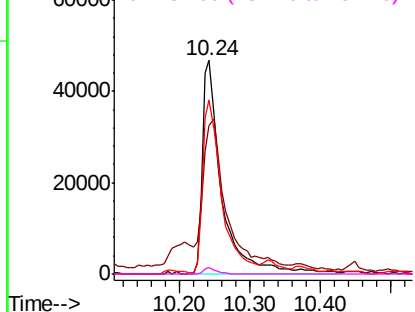


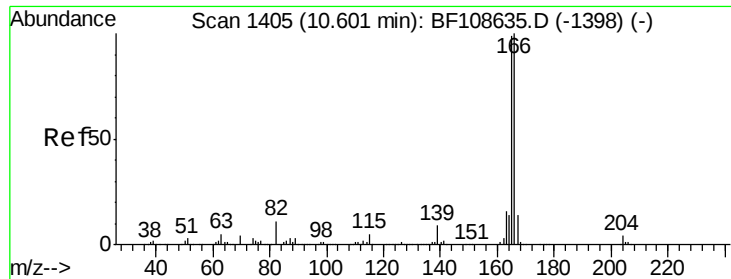
#56
2,4-Dinitrotoluene
Concen: 33.715 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:165 Resp: 89353
Ion Ratio Lower Upper
165 100
63 69.8 36.4 54.6#
89 81.3 57.8 86.6
182 2.8 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

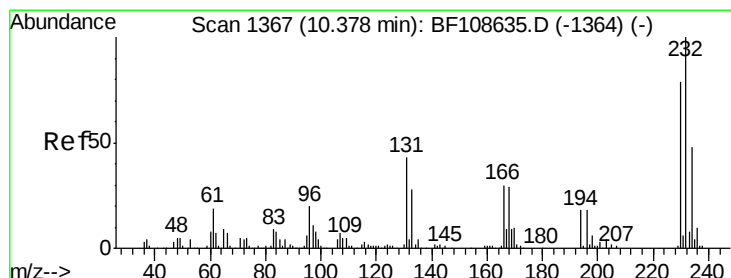
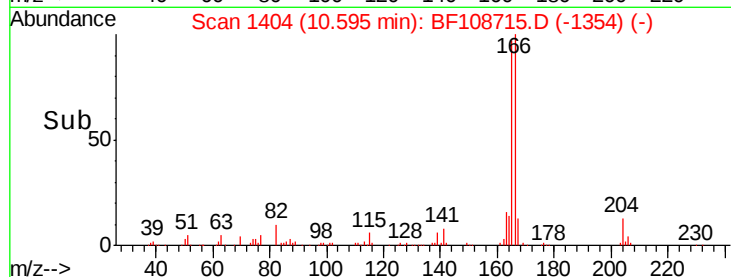
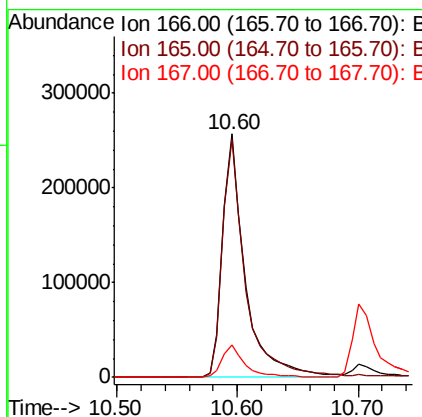
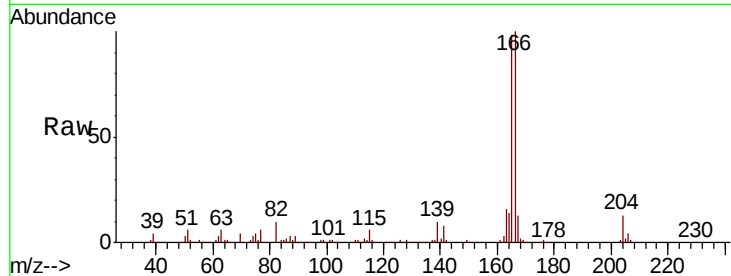




#57
 Fluorene
 Concen: 40.109 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

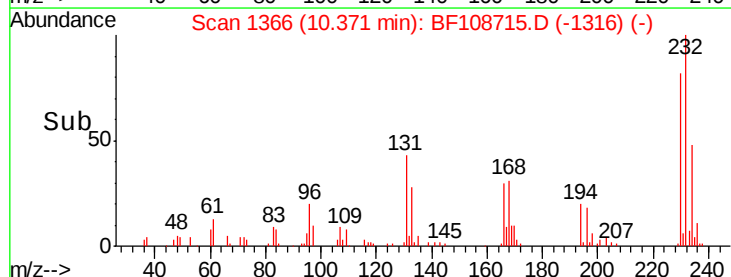
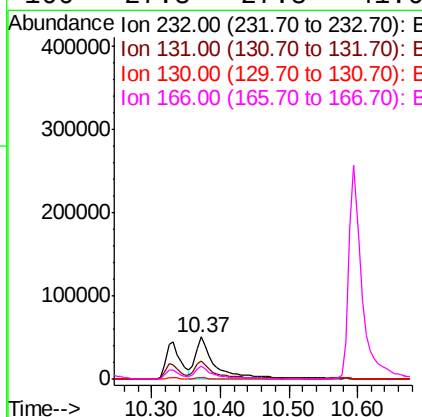
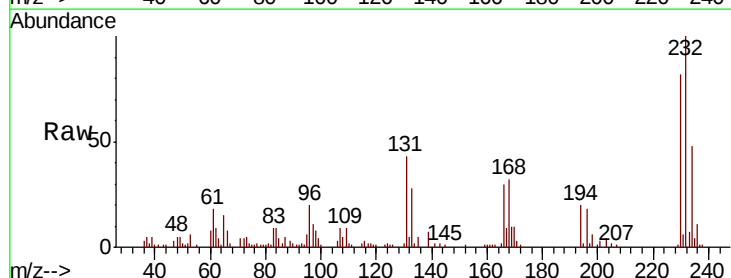
Instrument :
 BNA_F
 ClientSampleId :

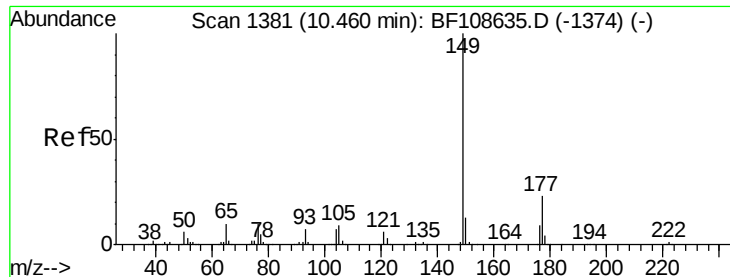
Tot Ion:166 Resp: 334613
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.405 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:232 Resp: 99797
 Ion Ratio Lower Upper
 232 100
 131 44.5 43.8 65.8
 130 1.9 2.1 3.1#
 166 27.8 27.8 41.6

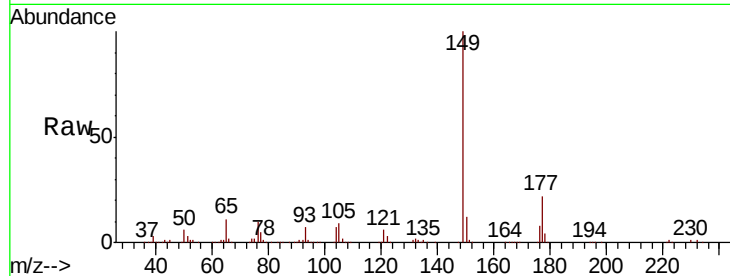




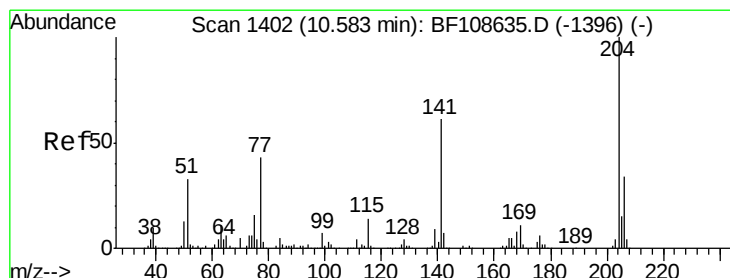
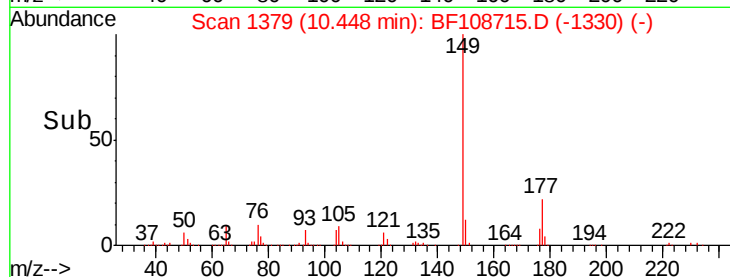
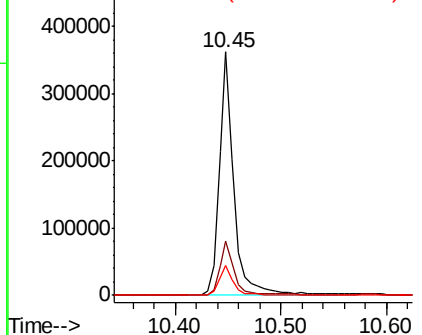
#59
Diethylphthalate
Concen: 38.822 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 355169
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.5 10.1 15.1

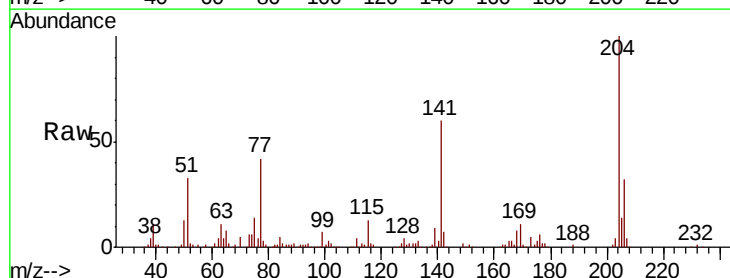


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

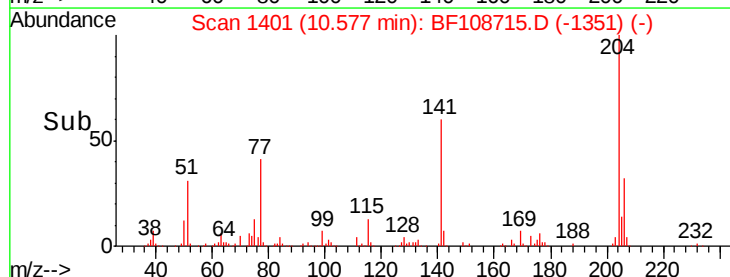
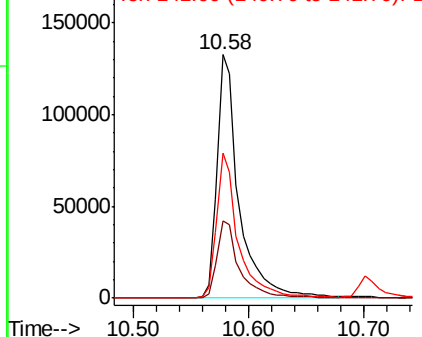


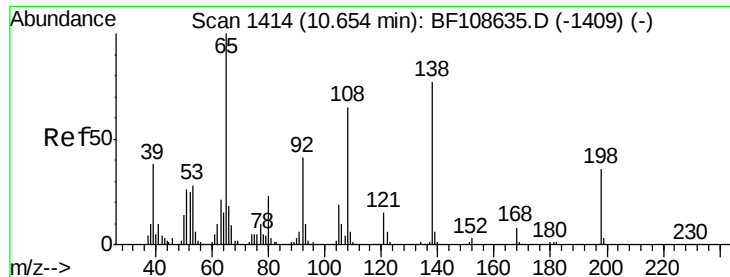
#60
4-Chlorophenyl-phenylether
Concen: 37.071 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:204 Resp: 175494
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 59.7 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

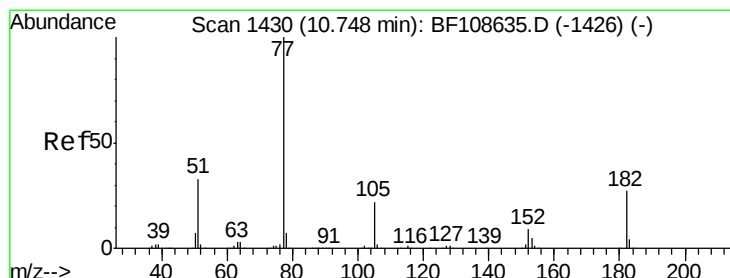
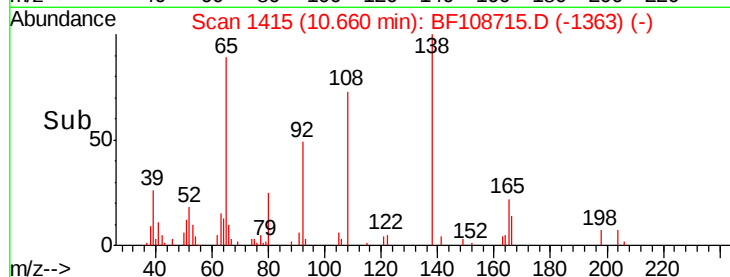
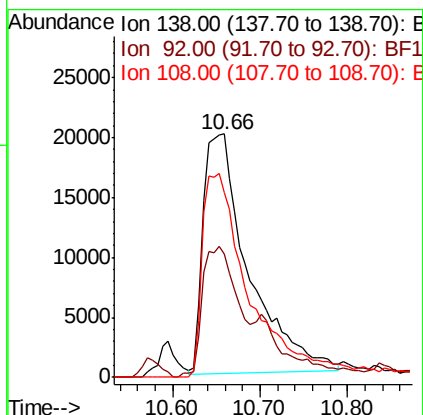
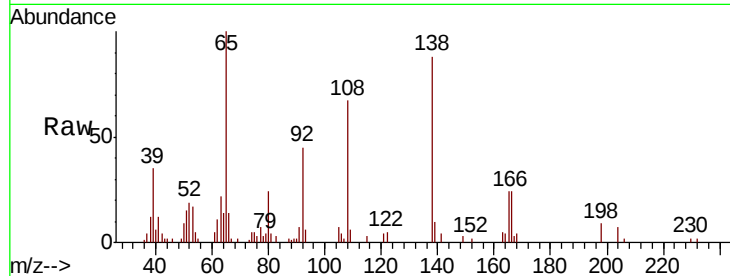




#61
4-Nitroaniline
Concen: 34.299 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

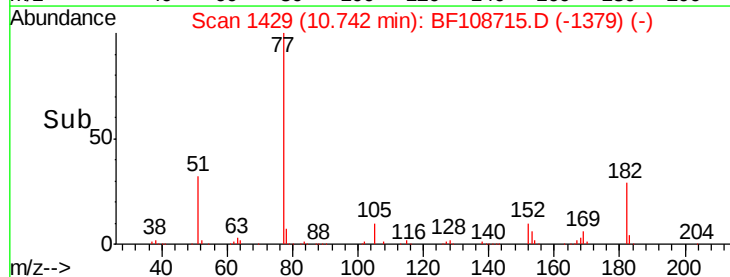
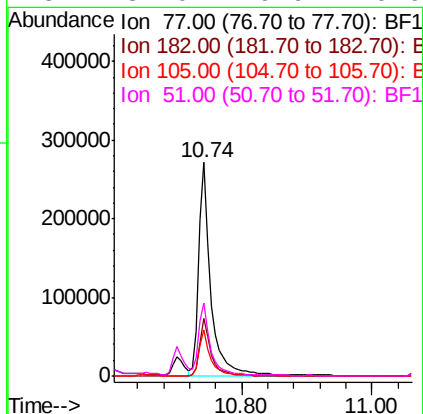
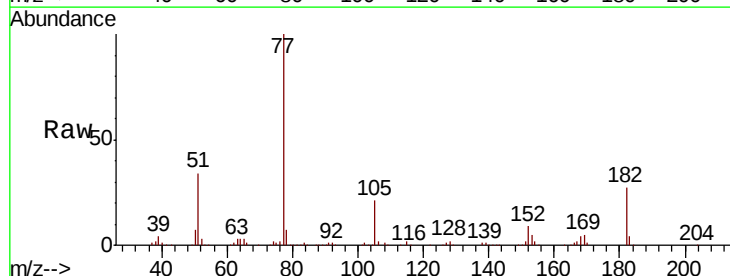
Instrument :
BNA_F
ClientSampleId :

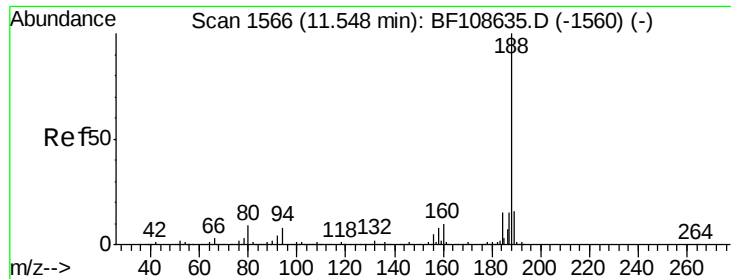
Tot Ion:138 Resp: 71867
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 76.0 52.5 92.5



#62
Azobenzene
Concen: 38.328 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion: 77 Resp: 348531
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 21.3 3.0 43.0
51 34.0 9.9 49.9

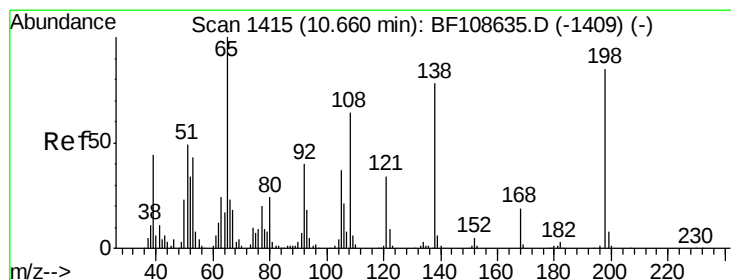
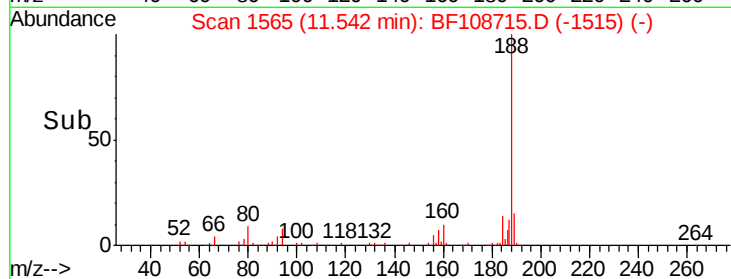
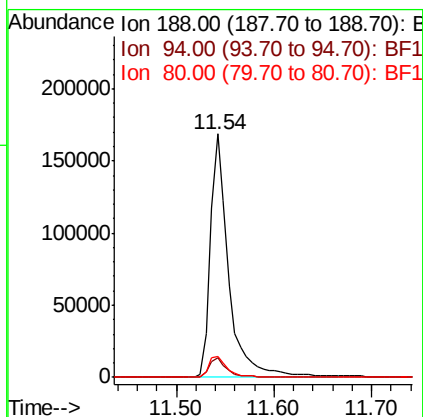
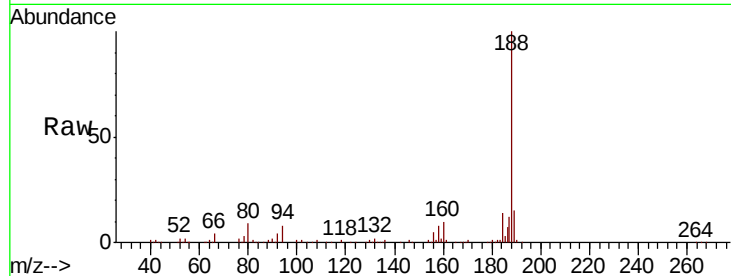




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

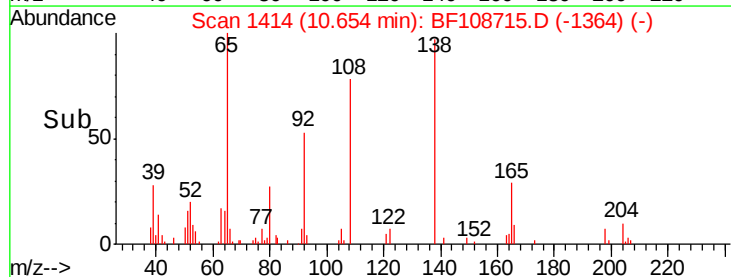
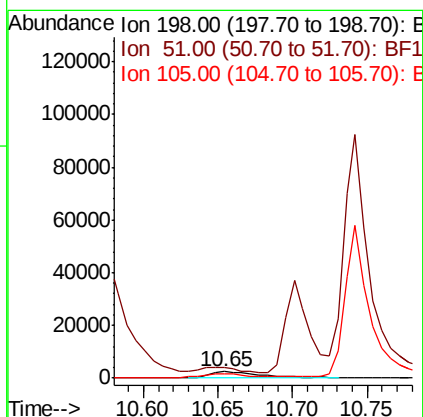
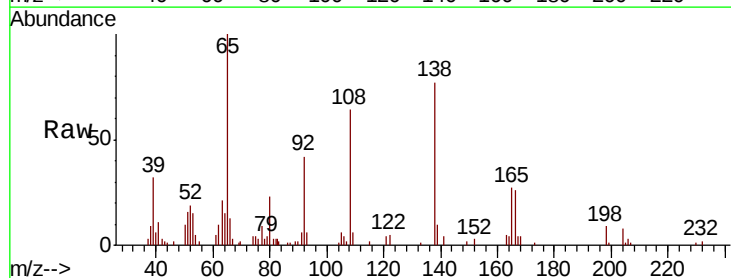
Instrument :
BNA_F
ClientSampled :

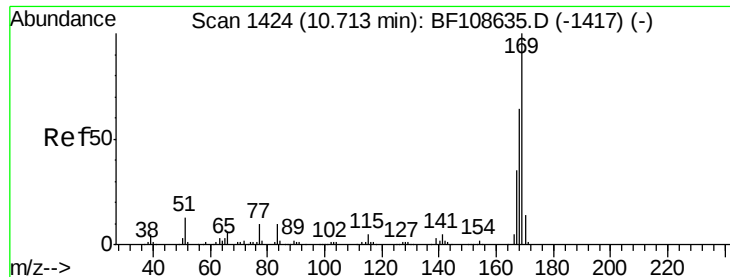
Tot Ion:188 Resp: 219458
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.6 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.896 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:198 Resp: 5741
Ion Ratio Lower Upper
198 100
51 168.0 37.7 77.7#
105 60.8 36.3 76.3

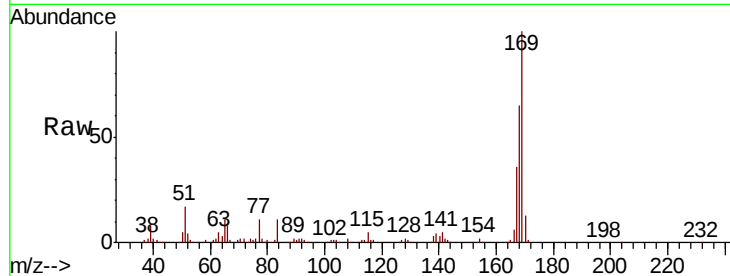




#65
n-Nitrosodiphenylamine
Concen: 40.807 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.1	54.4	81.6
167	35.7	29.8	44.6

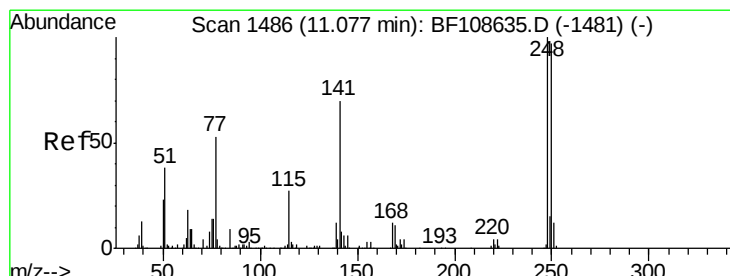
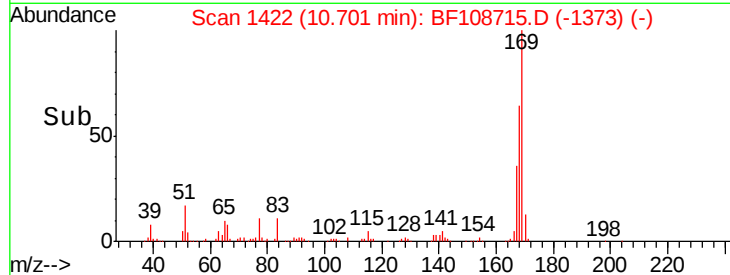
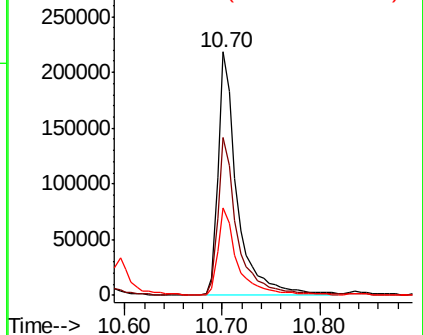


Abundance

Ion 169.00 (168.70 to 169.70): E

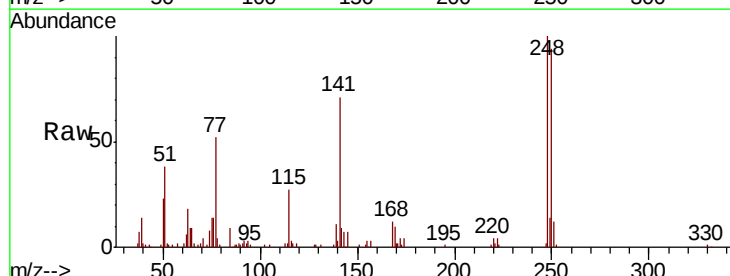
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 41.545 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.9	115.3
141	71.3	74.4	111.6

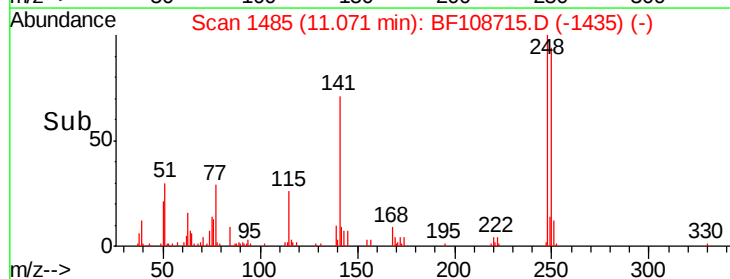
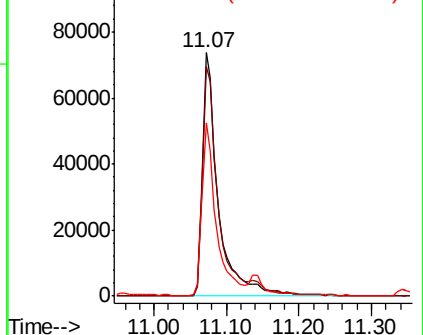


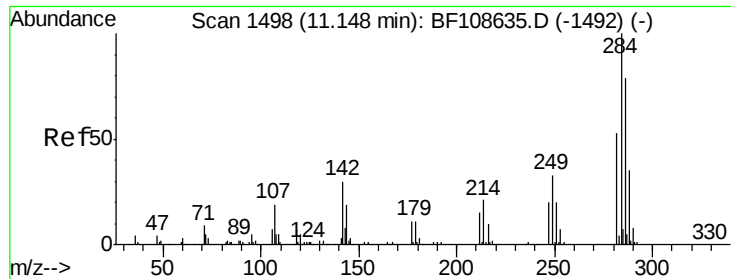
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

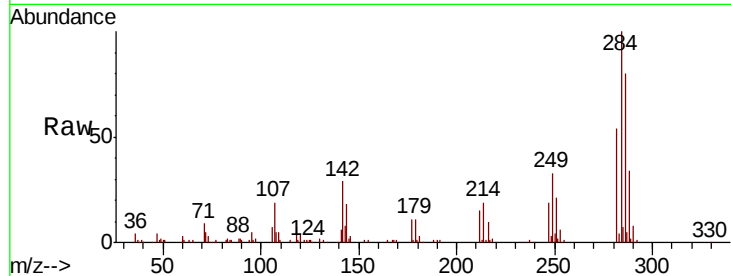




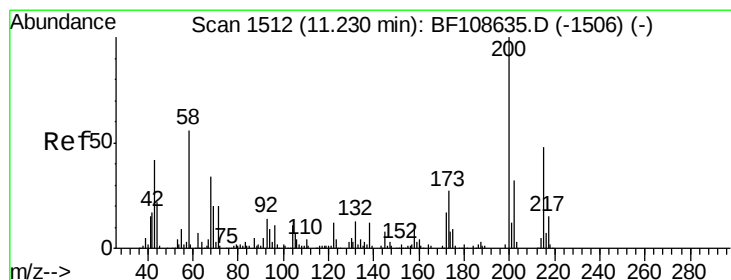
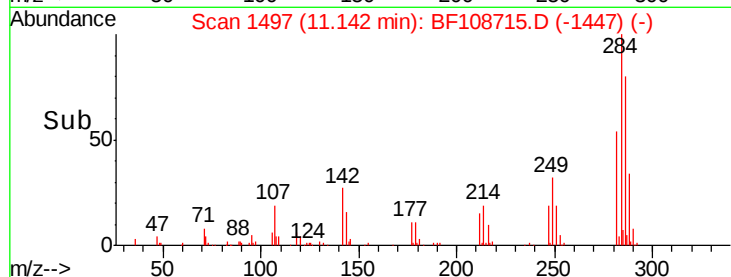
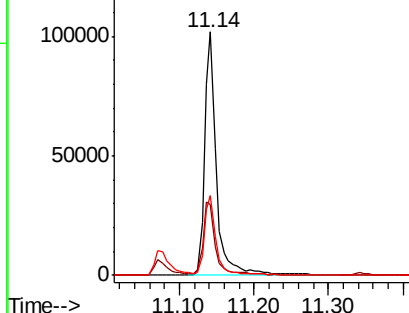
#67
Hexachlorobenzene
Concen: 39.119 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 113674
Ion Ratio Lower Upper
284 100
142 29.3 34.6 52.0#
249 32.6 24.8 37.2

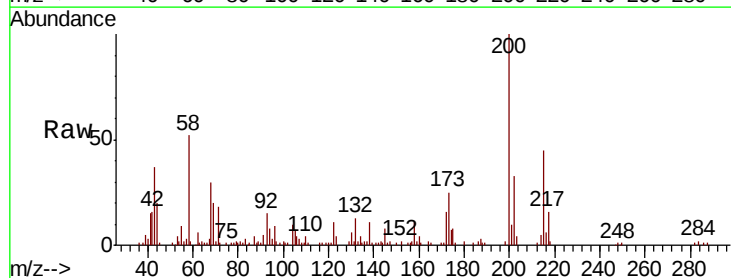


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

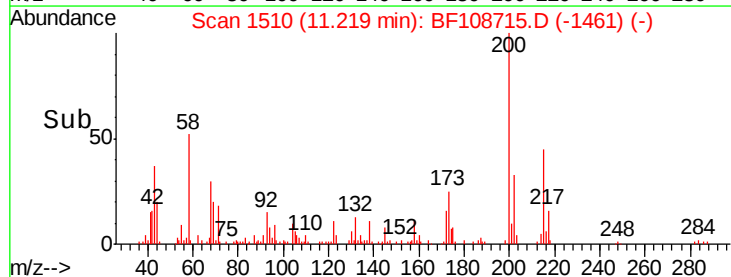
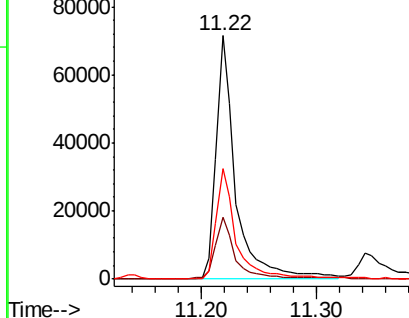


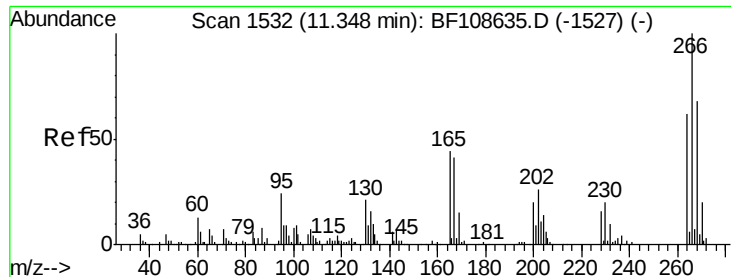
#68
Atrazine
Concen: 40.014 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:200 Resp: 84416
Ion Ratio Lower Upper
200 100
173 25.4 8.6 48.6
215 45.5 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

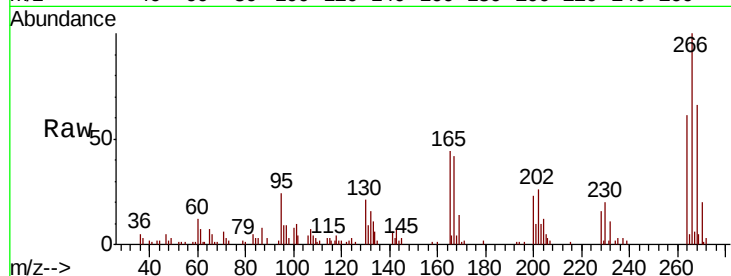




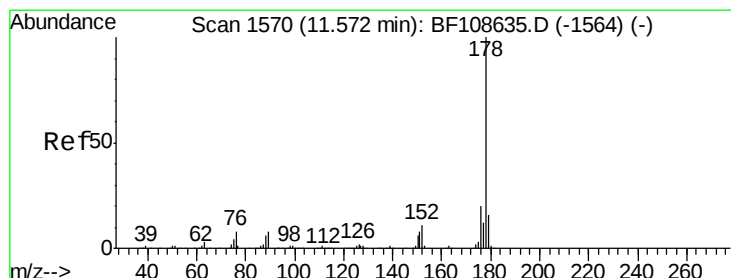
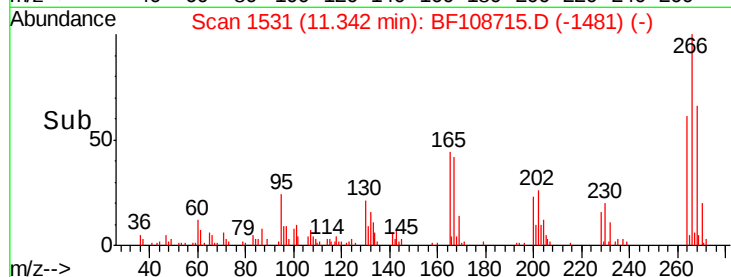
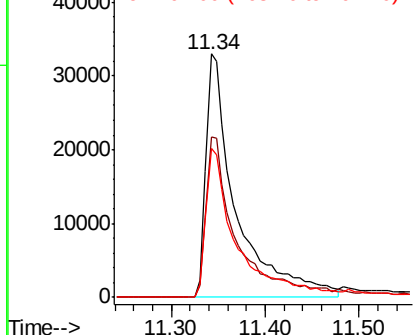
#69
 Pentachlorophenol
 Concen: 48.077 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 74235
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 61.3 49.5 74.3

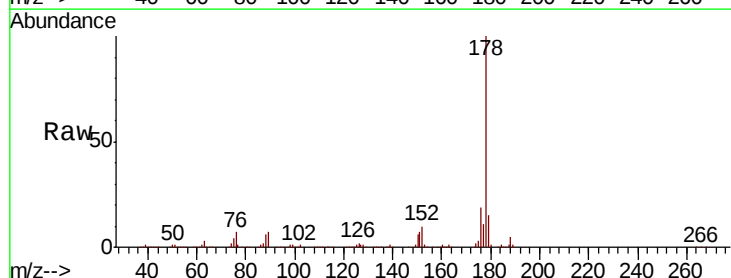


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

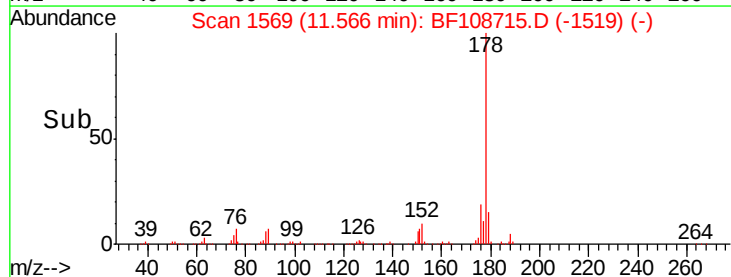
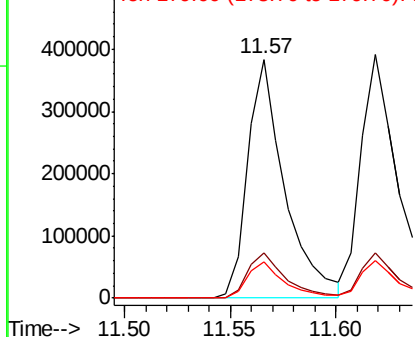


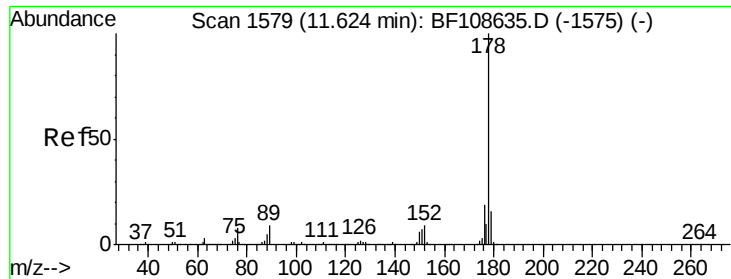
#70
 Phenanthrene
 Concen: 42.328 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:178 Resp: 468872
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.1 13.0 19.6



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

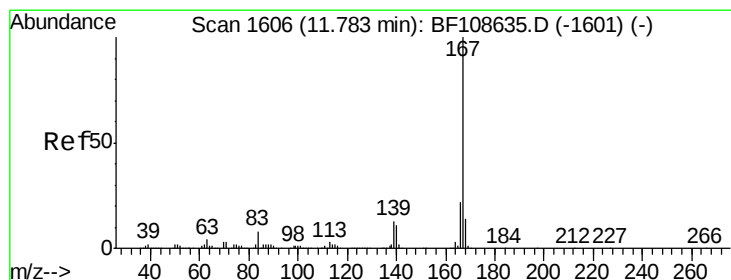
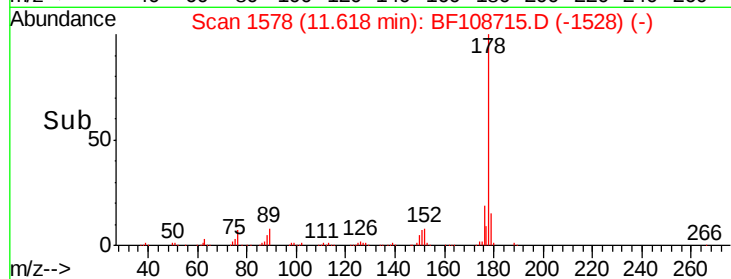
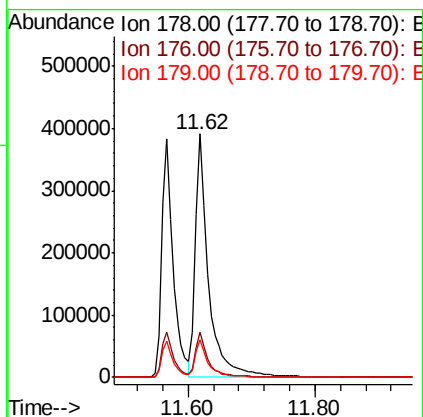
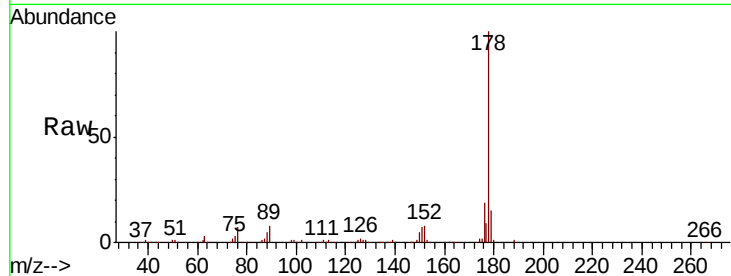




#71
 Anthracene
 Concen: 47.932 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

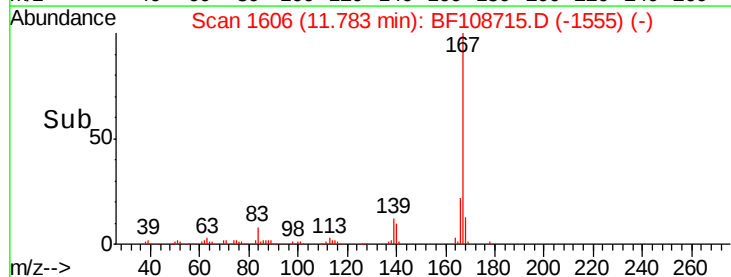
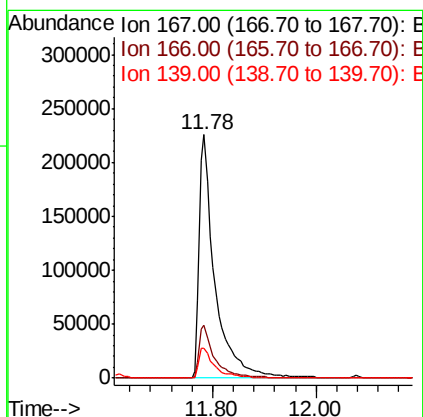
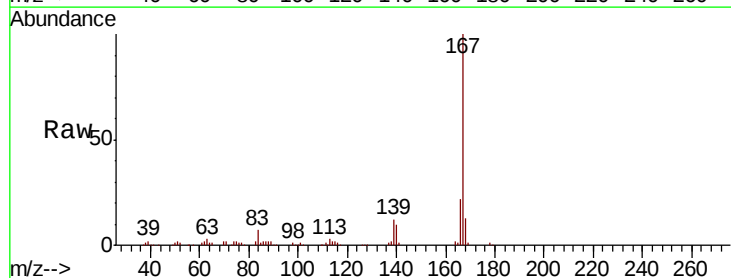
Instrument :
 BNA_F
 ClientSampled :

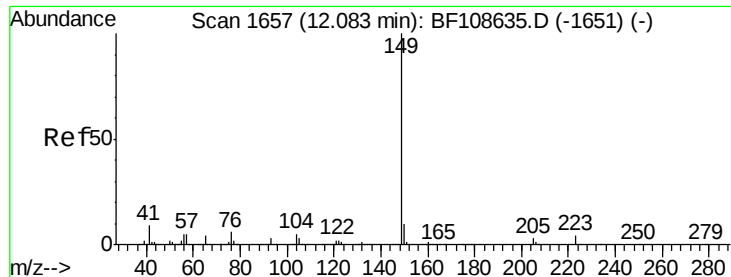
Tot Ion:178 Resp: 557881
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 42.119 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:167 Resp: 474024
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.4 10.9 16.3

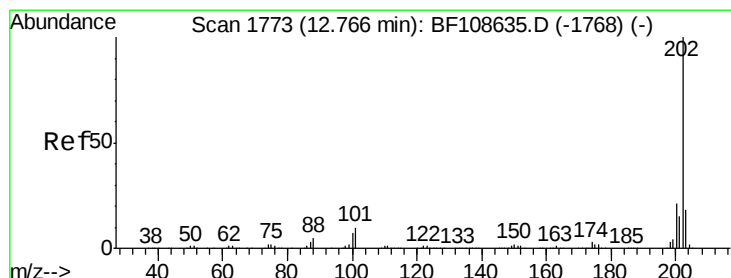
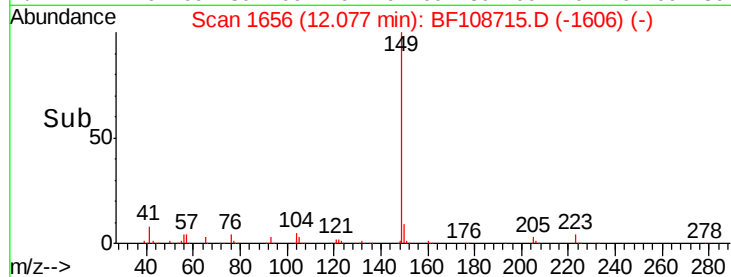
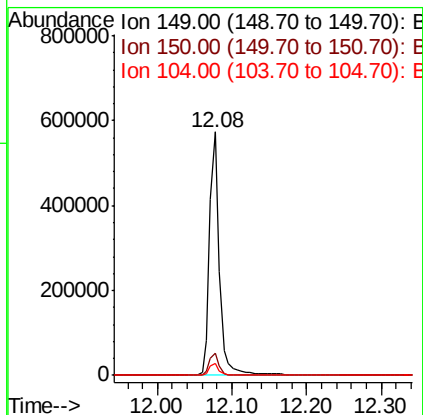
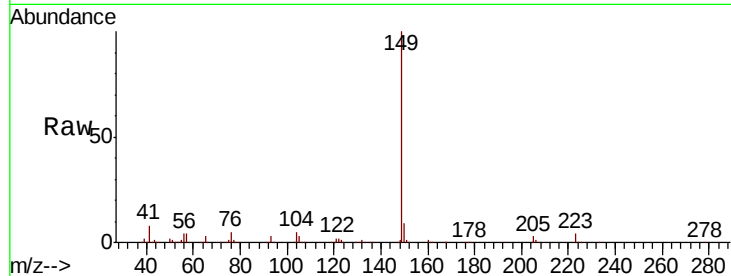




#73
Di-n-butylphthalate
Concen: 41.052 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

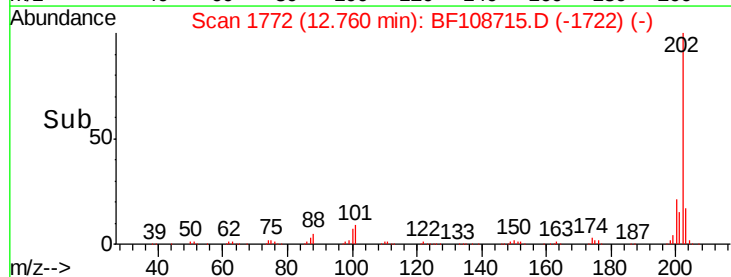
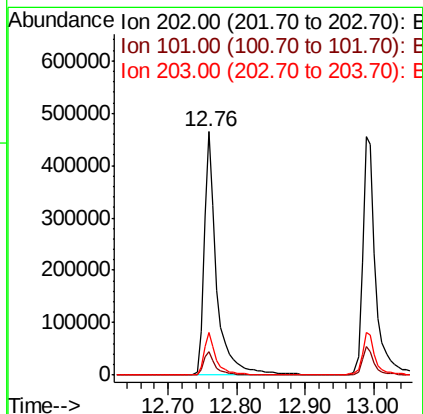
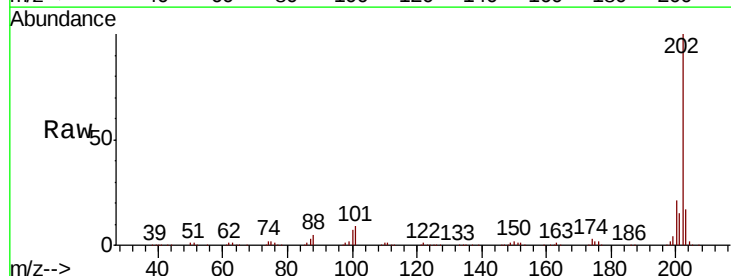
Instrument :
BNA_F
ClientSampleId :

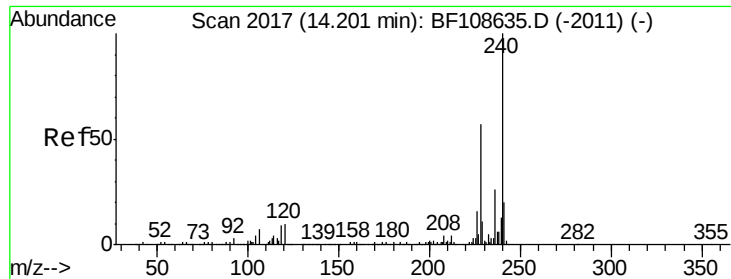
Tot Ion:149 Resp: 531559
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 47.753 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:202 Resp: 595418
Ion Ratio Lower Upper
202 100
101 9.5 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

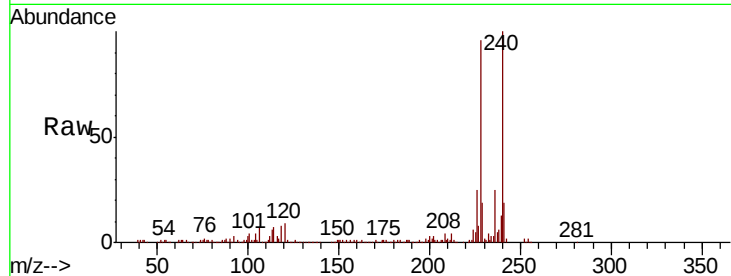
Tot Ion:240 Resp: 209719

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

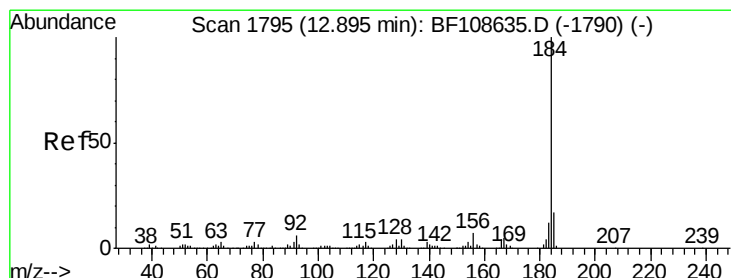
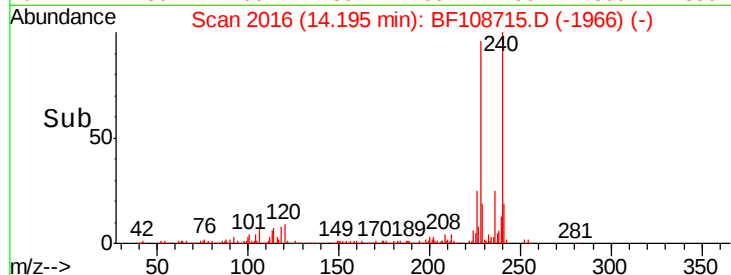
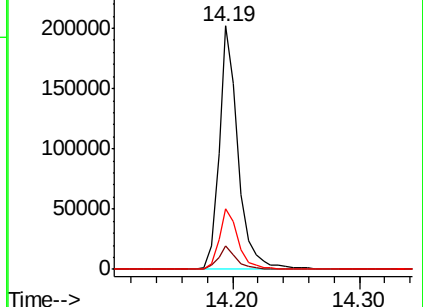
236 24.8 20.7 31.1



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: 31.087 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

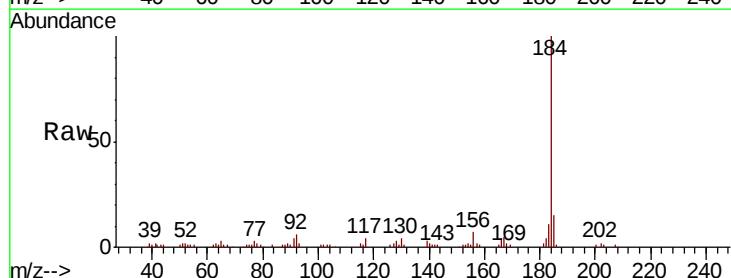
Tgt Ion:184 Resp: 183517

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

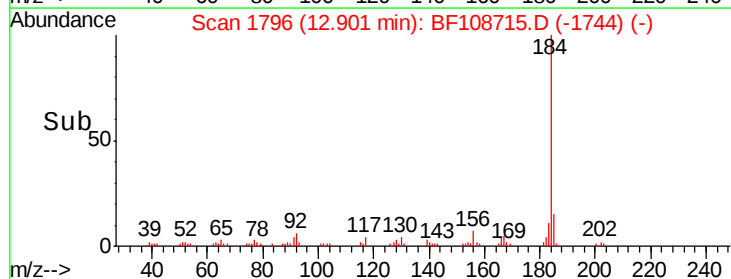
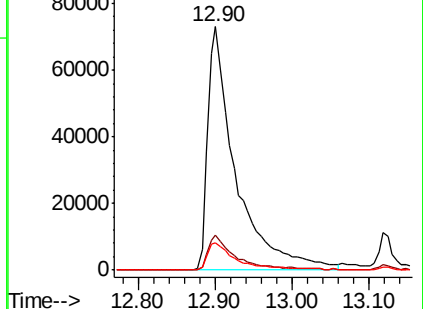
183 11.4 9.3 13.9

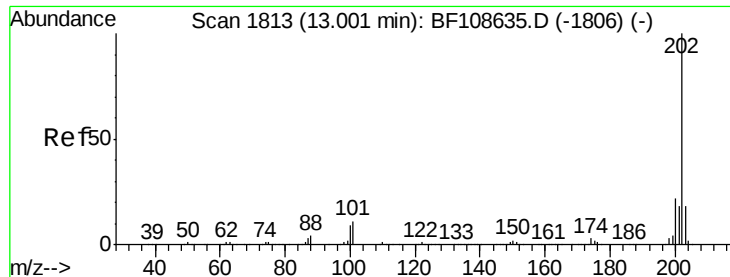


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

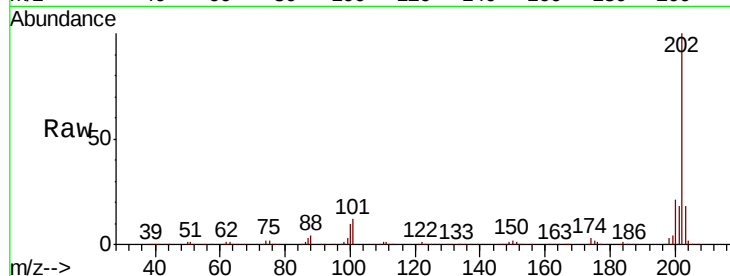




#77
Pvrene
Concen: 38.077 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5

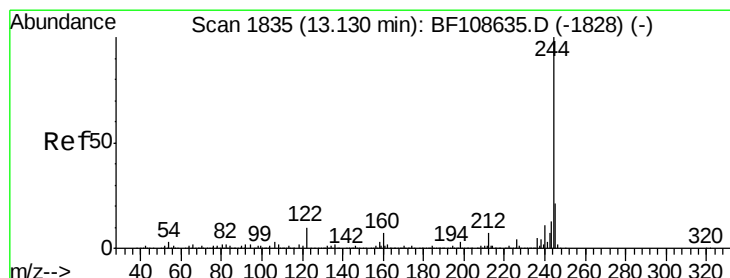
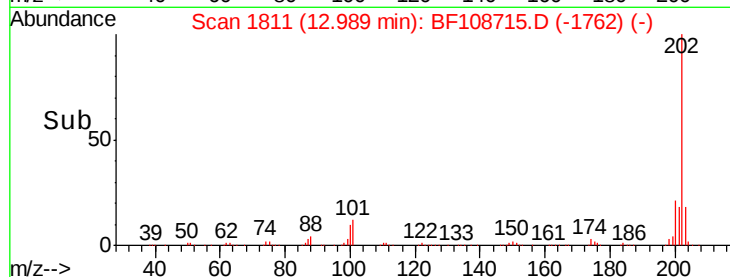
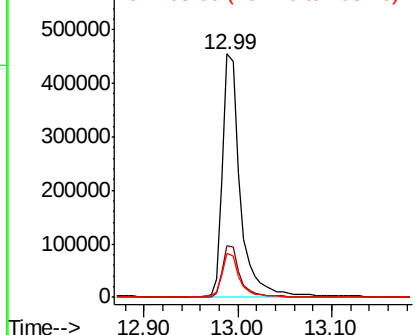


Abundance

Ion 202.00 (201.70 to 202.70): E

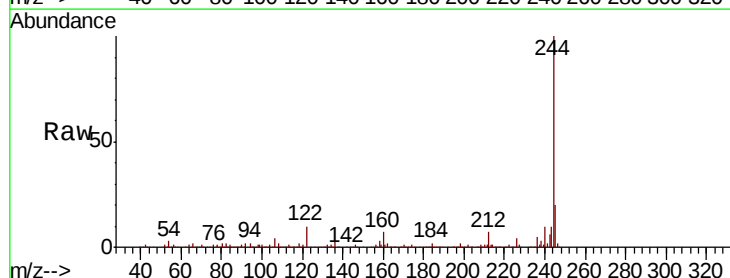
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 81.339 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.9	11.0	16.4

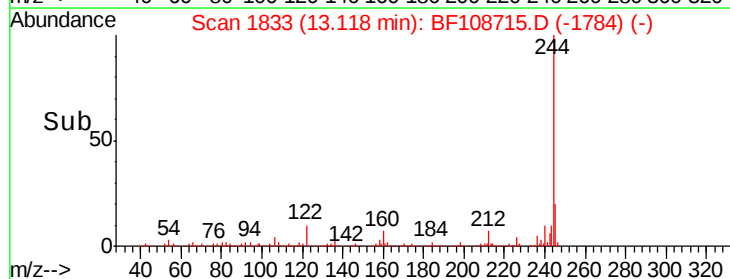
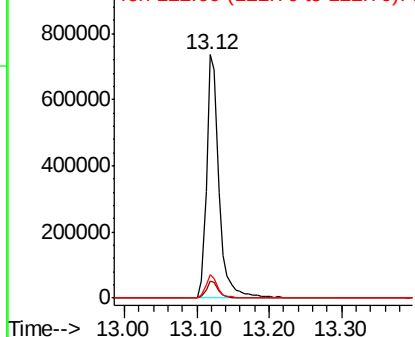


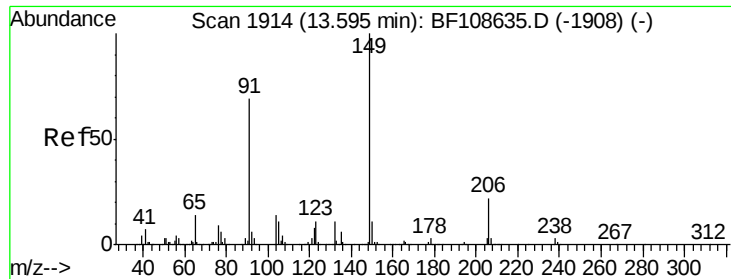
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

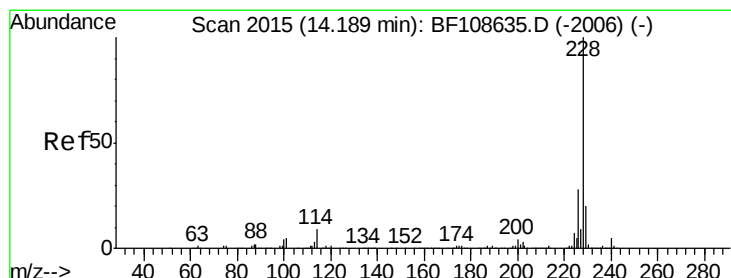
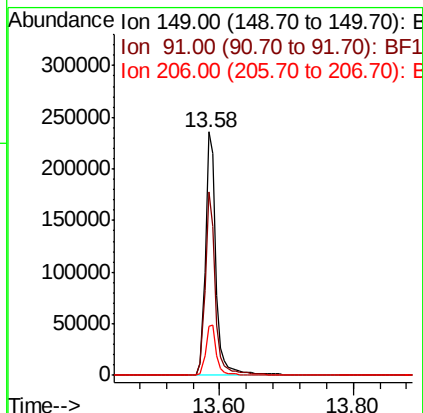
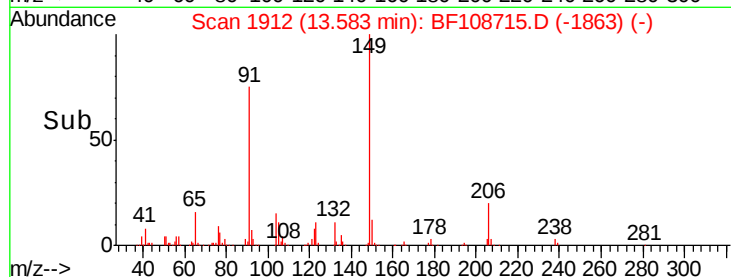
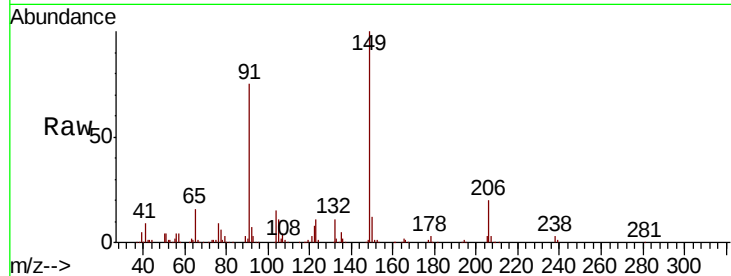




#79
Butylbenzylphthalate
Concen: 39.037 ng
RT: 13.58 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

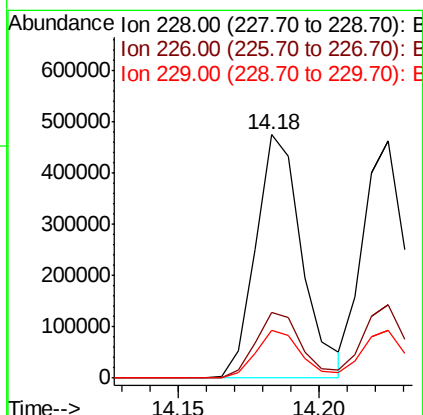
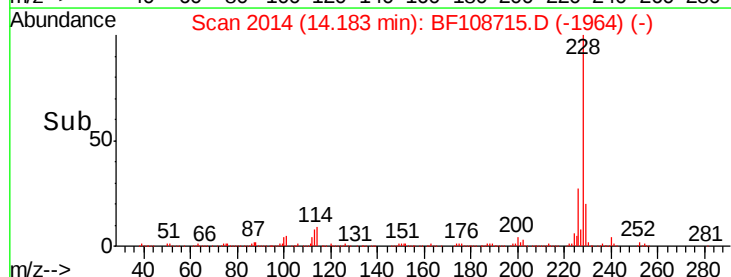
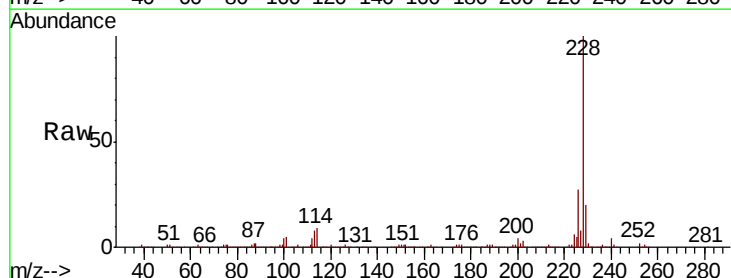
Instrument :
BNA_F
ClientSampleId :

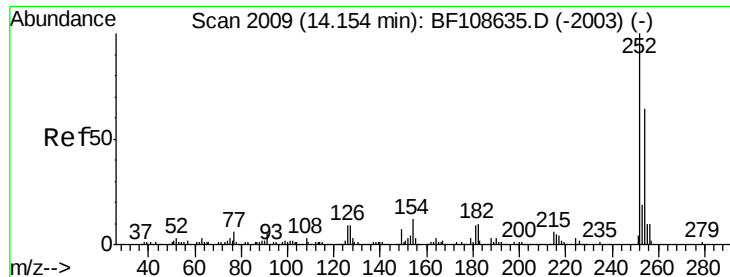
Tot Ion:149 Resp: 258782
Ion Ratio Lower Upper
149 100
91 75.2 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.269 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:228 Resp: 540404
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.8 15.8 23.6

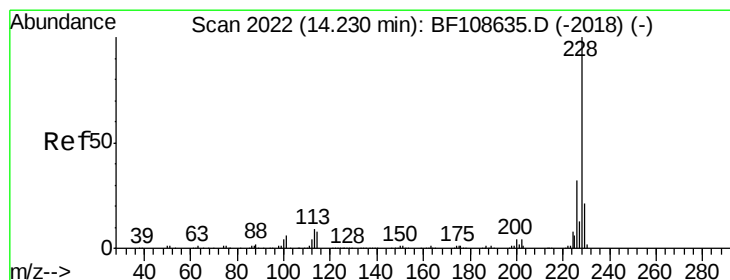
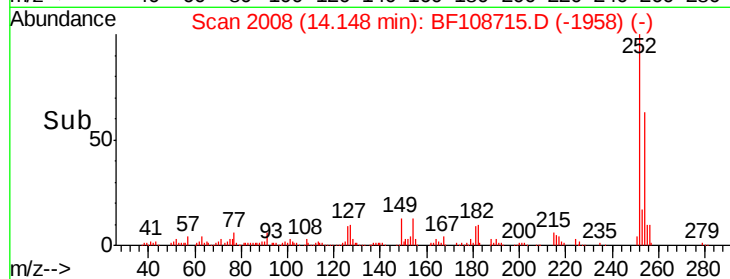
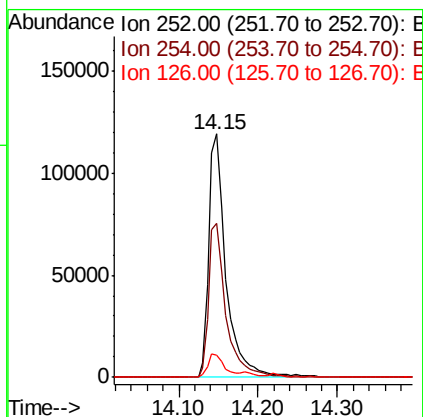
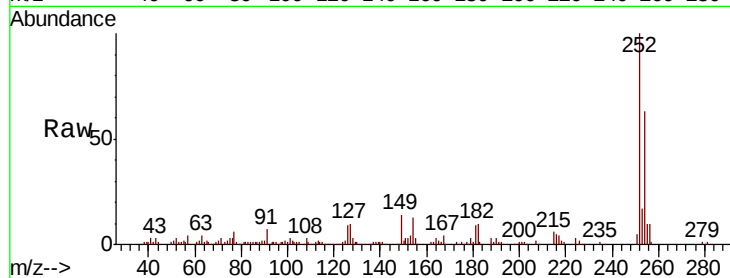




#81
 3,3'-Dichlorobenzidine
 Concen: 39.027 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

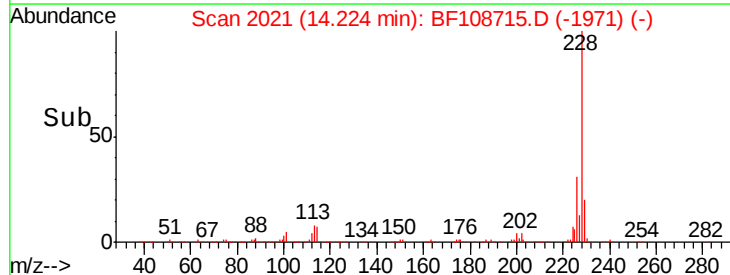
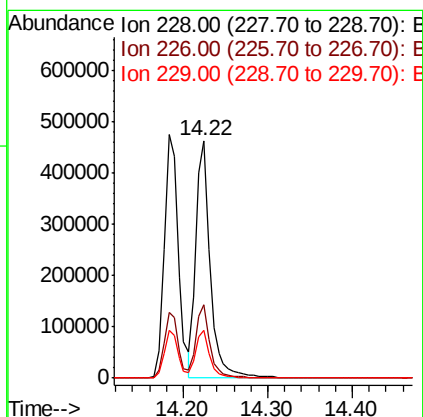
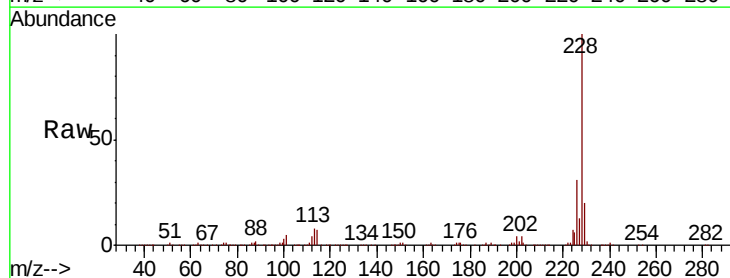
Instrument :
 BNA_F
 ClientSampleId :

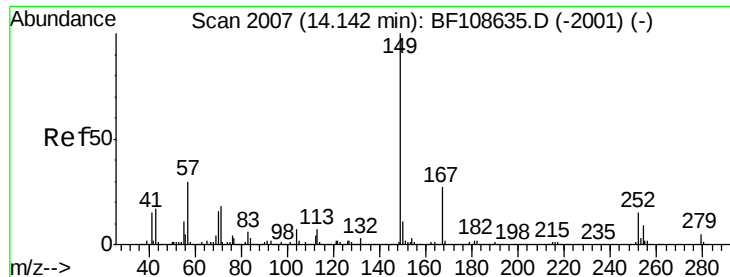
Tot Ion:252 Resp: 180948
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 9.2 11.3 16.9#



#82
 Chrysene
 Concen: 43.606 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:228 Resp: 536132
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.3 16.2 24.4

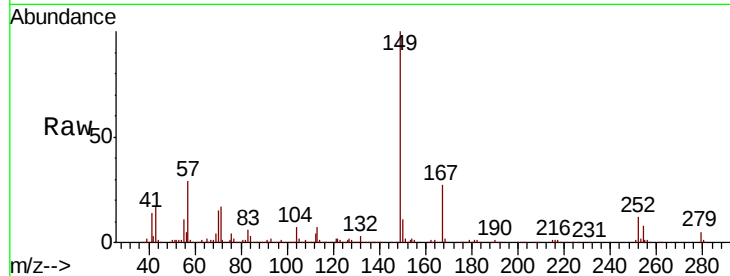




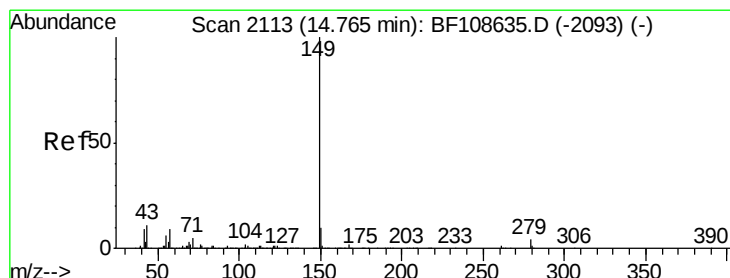
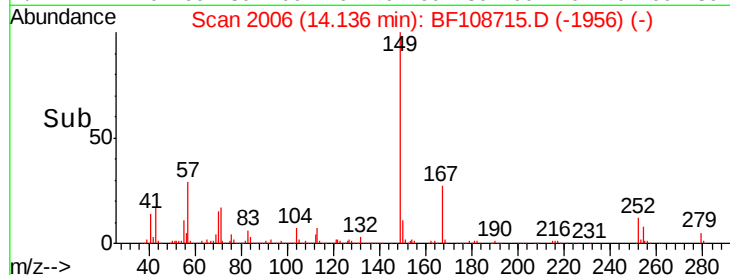
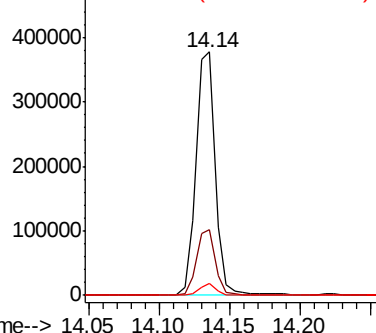
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.346 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 360823
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 4.8 3.0 4.4#

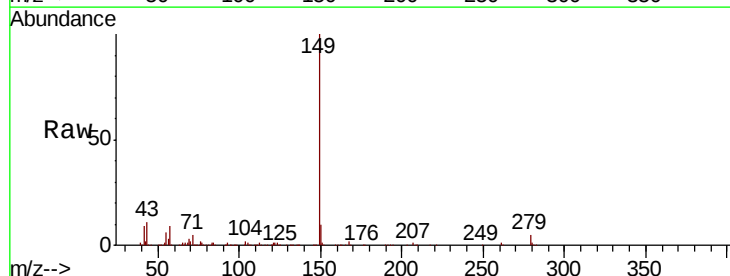


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

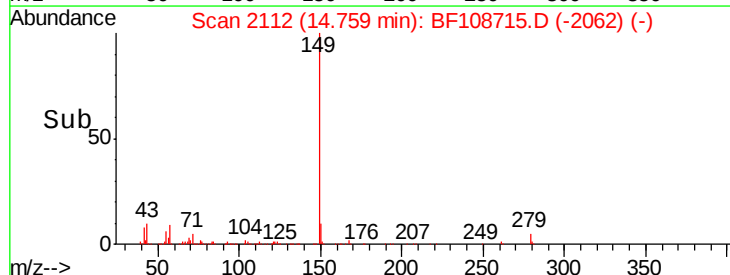
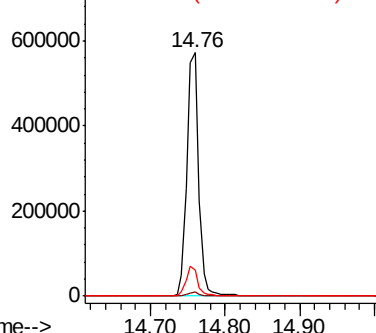


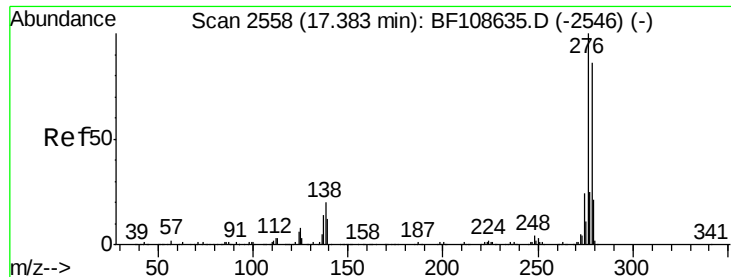
#84
 Di-n-octyl phthalate
 Concen: 49.913 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Tgt Ion:149 Resp: 625307
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.182 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF108715.D

Acq: 1 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

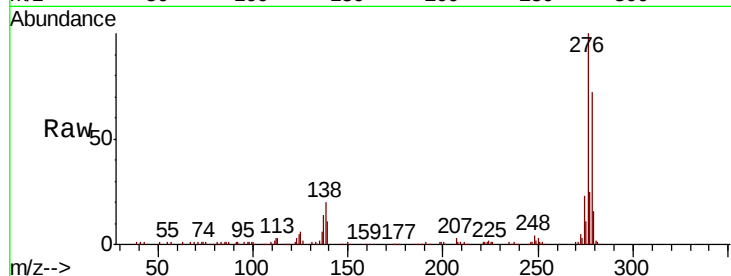
Tot Ion:276 Resp: 360614

Ion Ratio Lower Upper

276 100

138 20.9 25.0 37.6#

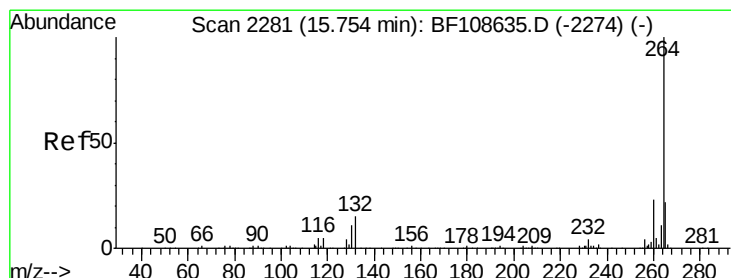
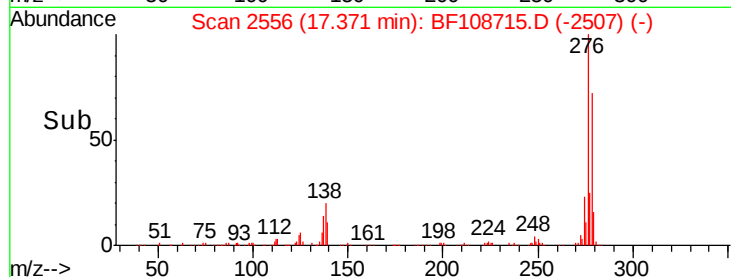
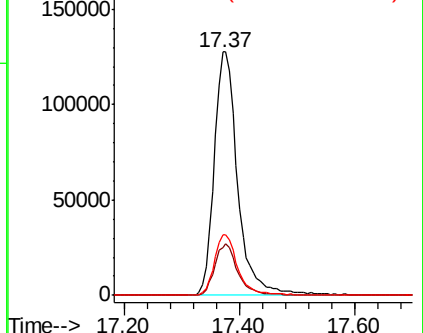
277 24.7 20.1 30.1



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: BF108715.D

Acq: 1 Sep 2018 3:47

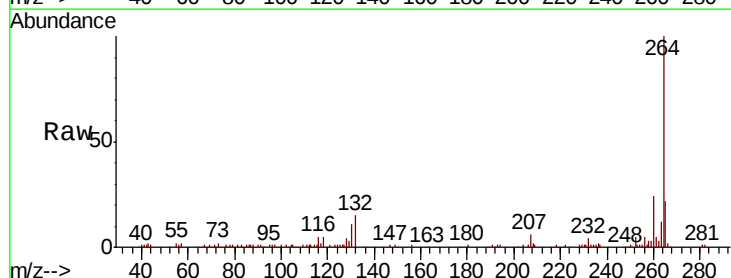
Tgt Ion:264 Resp: 153833

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

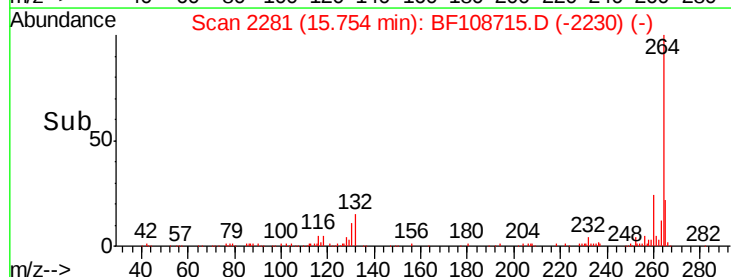
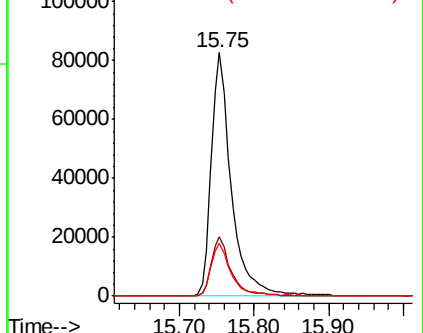
265 21.8 17.5 26.3

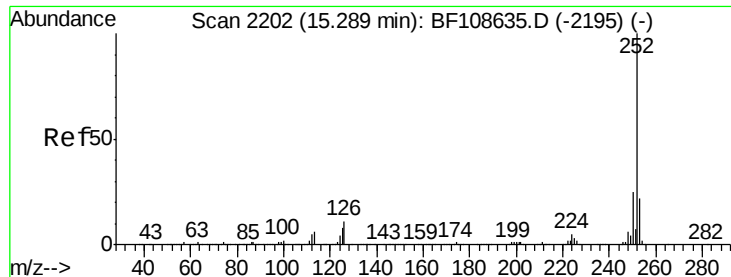


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

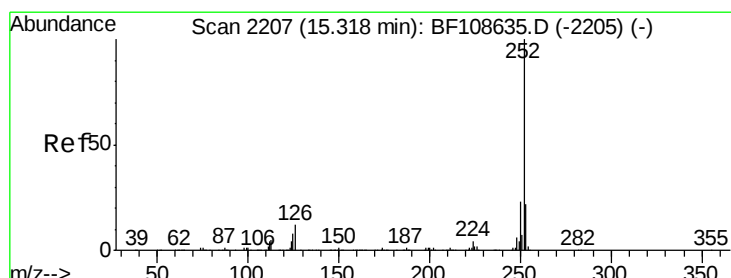
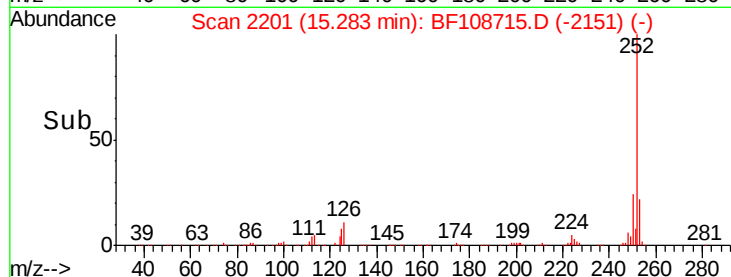
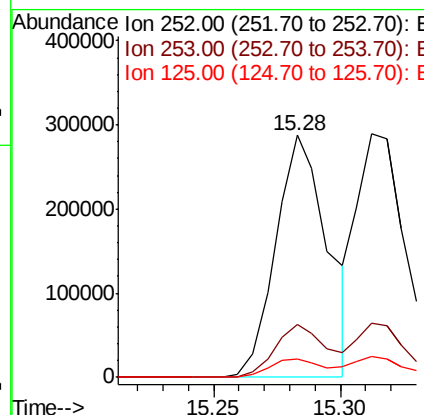
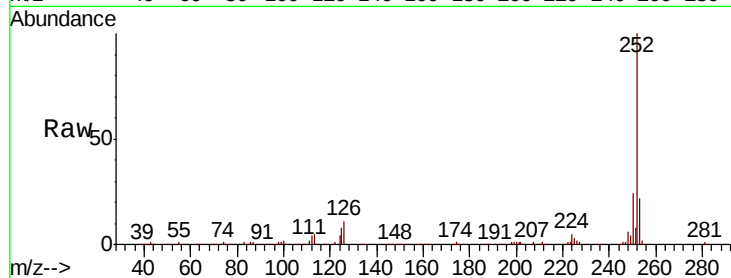




#87
Benzo(b)fluoranthene
Concen: 43.341 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

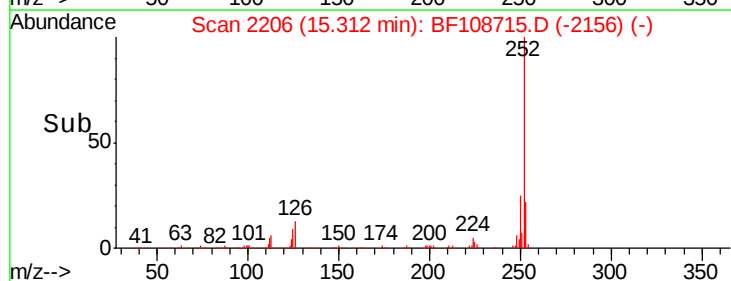
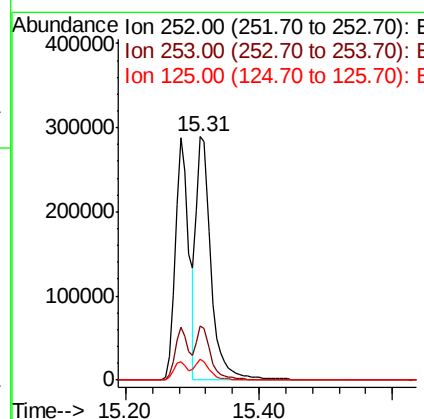
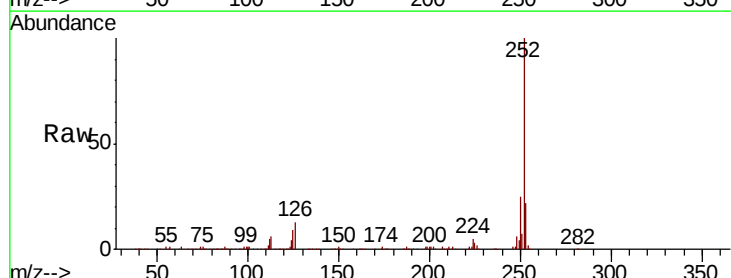
Instrument :
BNA_F
ClientSampleId :

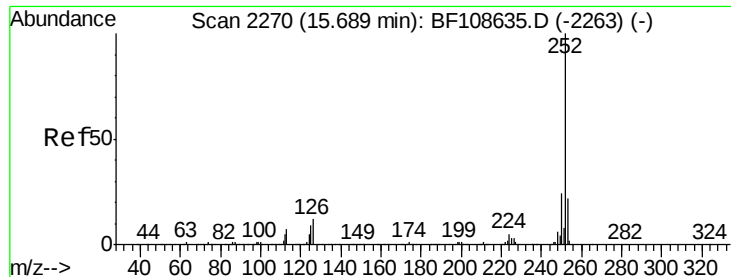
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	7.8	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 45.897 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.7	10.2	15.2#

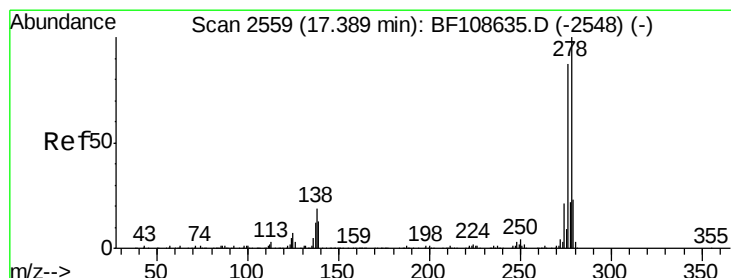
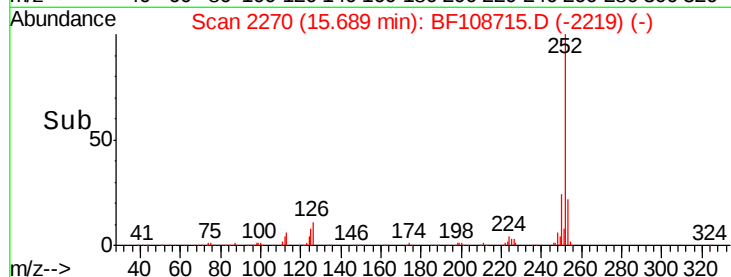
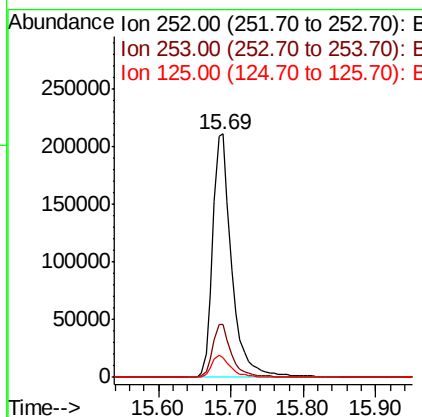
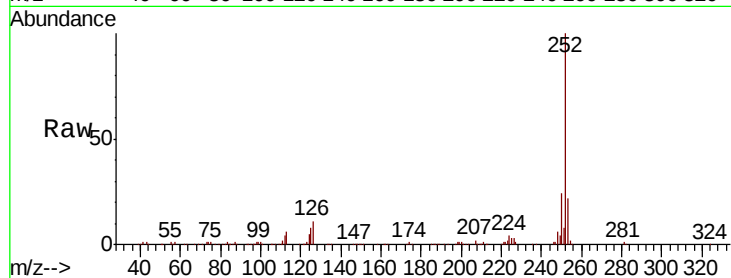




#89
Benzo(a)pyrene
Concen: 45.049 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

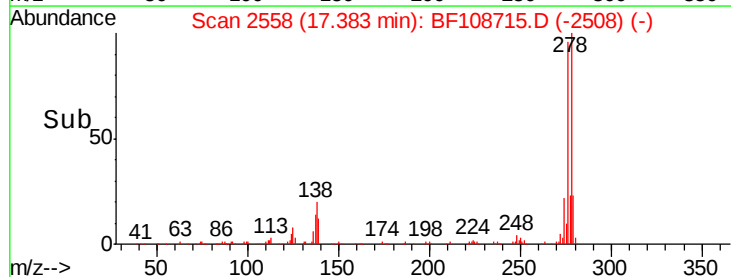
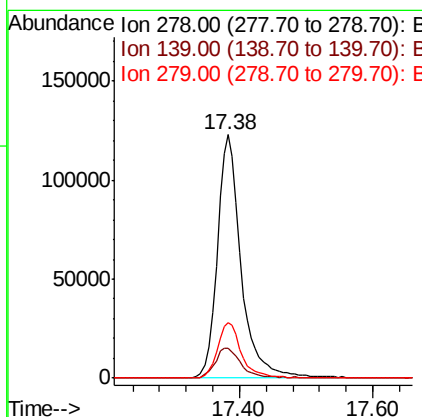
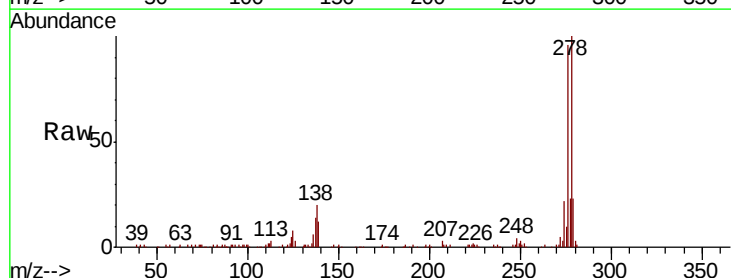
Instrument :
BNA_F
ClientSampleId :

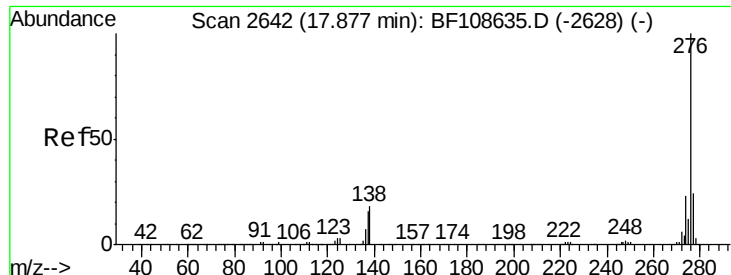
Tot Ion:252 Resp: 384714
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 8.3 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 45.013 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108715.D
Acq: 1 Sep 2018 3:47

Tgt Ion:278 Resp: 307015
Ion Ratio Lower Upper
278 100
139 12.5 15.9 23.9#
279 22.5 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.635 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF108715.D
 Acq: 1 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	17.5	21.8	32.8

