

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108714.D
 Acq On : 1 Sep 2018 3:20
 Operator : JU/SJ
 Sample : PB112528BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 05:07:48 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	77586	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	272730	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	119482	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	254687	20.00	ng	0.00
75) Chrysene-d12	14.19	240	234910	20.00	ng	0.00
86) Perylene-d12	15.75	264	173936	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	343002	76.80	ng	0.00
7) Phenol-d6	6.64	99	499595	78.10	ng	-0.01
23) Nitrobenzene-d5	7.57	82	540532	100.60	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	143206	90.79	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	966028	108.71	ng	0.00
78) Terphenyl-d14	13.12	244	1090692	90.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.98	88	87777	42.290	ng	93
3) Pyridine	3.75	79	167658	34.961	ng	# 83
4) n-Nitrosodimethylamine	3.72	42	87198	36.452	ng	# 77
6) Aniline	6.70	93	84621	12.260	ng	# 74
8) 2-Chlorophenol	6.79	128	228102	41.771	ng	92
9) Benzaldehyde	6.59	77	48409	12.244	ng	94
10) Phenol	6.65	94	204822	27.459	ng	83
11) bis(2-Chloroethyl)ether	6.73	93	248871	37.890	ng	94
12) 1,3-Dichlorobenzene	6.94	146	260219	41.099	ng	99
13) 1,4-Dichlorobenzene	7.02	146	296040	42.834	ng	97
14) 1,2-Dichlorobenzene	7.17	146	261648	41.221	ng	99
15) Benzyl Alcohol	7.16	79	37627	8.177	ng	85
16) 2,2'-oxybis(1-Chloropropan	7.26	45	414756	41.161	ng	69
17) 2-Methylphenol	7.26	107	157725	37.149	ng	# 61
18) Hexachloroethane	7.50	117	91715	38.587	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	165778	38.700	ng	90
20) 3+4-Methylphenols	7.42	107	173604	32.635	ng	# 33
22) Acetophenone	7.41	105	337593	49.585	ng	# 90
24) Nitrobenzene	7.59	77	219214	40.236	ng	94
25) Isophorone	7.81	82	429250	48.092	ng	96
26) 2-Nitrophenol	7.90	139	85512	34.672	ng	# 86
27) 2,4-Dimethylphenol	7.93	122	169629	47.291	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	256552	45.501	ng	98
29) 2,4-Dichlorophenol	8.15	162	175444	41.229	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	211288	44.401	ng	96
31) Naphthalene	8.30	128	661508	50.923	ng	99
32) Benzoic acid	8.05	122	55015	23.917	ng	# 85
33) 4-Chloroaniline	8.39	127	82081	14.314	ng	98
34) Hexachlorobutadiene	8.41	225	144466	46.237	ng	100
35) Caprolactam	8.72	113	40539	35.751	ng	# 84
36) 4-Chloro-3-methylphenol	8.84	107	173048	37.889	ng	97
37) 2-Methylnaphthalene	9.00	142	402325	45.775	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	211712	49.911	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	38589	26.774	ng	98

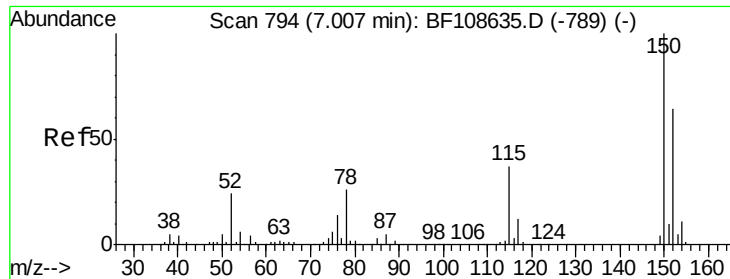
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	108426	43.165	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	141988	48.473	ng	95
45) 1,1'-Biphenyl	9.46	154	503266	48.383	ng	97
46) 2-Chloronaphthalene	9.49	162	386042	47.407	ng	97
47) 2-Nitroaniline	9.60	65	118368	43.461	ng	85
48) Acenaphthylene	9.91	152	592896	49.732	ng	99
49) Dimethylphthalate	9.75	163	434063	46.134	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	86026	41.480	ng	# 88
51) Acenaphthene	10.08	154	350834	49.218	ng	99
52) 3-Nitroaniline	10.02	138	86687	38.638	ng	98
53) 2,4-Dinitrophenol	10.15	184	4448	6.307	ng	# 83
54) Dibenzofuran	10.25	168	515800	46.244	ng	96
55) 4-Nitrophenol	10.21	139	57295	42.408	ng	# 81
56) 2,4-Dinitrotoluene	10.24	165	107557	39.168	ng	# 87
57) Fluorene	10.60	166	419825	48.568	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	130012	49.545	ng	# 77
59) Diethylphthalate	10.45	149	420538	44.365	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	213678	43.563	ng	89
61) 4-Nitroaniline	10.64	138	94506	43.531	ng	93
62) Azobenzene	10.74	77	427101	45.331	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	8611	7.620	ng	# 43
65) n-Nitrosodiphenylamine	10.70	169	373147	44.099	ng	96
66) 4-Bromophenyl-phenylether	11.07	248	139125	44.446	ng	91
67) Hexachlorobenzene	11.14	284	147659	43.786	ng	# 86
68) Atrazine	11.22	200	103655	43.782	ng	97
69) Pentachlorophenol	11.34	266	106300	59.321	ng	95
70) Phenanthrene	11.57	178	616310	47.942	ng	98
71) Anthracene	11.62	178	713265	52.805	ng	98
72) Carbazole	11.78	167	606578	46.442	ng	99
73) Di-n-butylphthalate	12.08	149	685420	45.613	ng	99
74) Fluoranthene	12.76	202	785688	54.297	ng	95
76) Benzidine	12.89	184	239684	36.248	ng	98
77) Pyrene	12.99	202	766588	43.411	ng	100
79) Butylbenzylphthalate	13.59	149	332039	44.717	ng	# 94
80) Benzo(a)anthracene	14.19	228	680273	47.503	ng	100
81) 3,3'-Dichlorobenzidine	14.15	252	228709	44.038	ng	# 95
82) Chrysene	14.22	228	686435	49.843	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	456385	47.817	ng	# 99
84) Di-n-octyl phthalate	14.76	149	779395	55.541	ng	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	467680	48.839	ng	# 88
87) Benzo(b)fluoranthene	15.29	252	507476	47.495	ng	# 95
88) Benzo(k)fluoranthene	15.32	252	578424	54.648	ng	# 95
89) Benzo(a)pyrene	15.69	252	493037	51.061	ng	# 96
90) Dibenzo(a,h)anthracene	17.39	278	392895	50.947	ng	# 93
91) Benzo(g,h,i)perylene	17.87	276	366045	48.837	ng	# 89

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

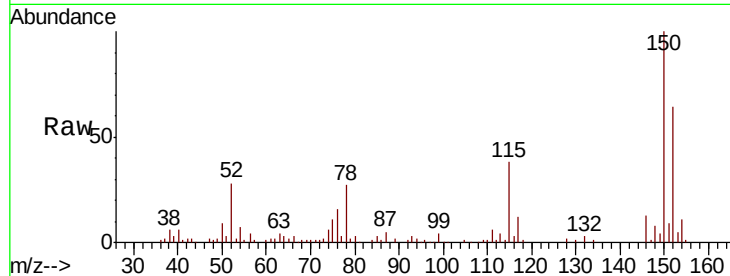


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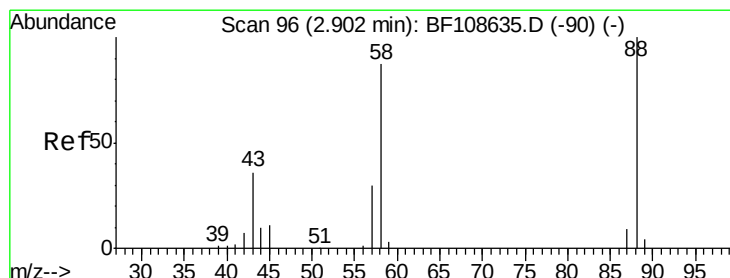
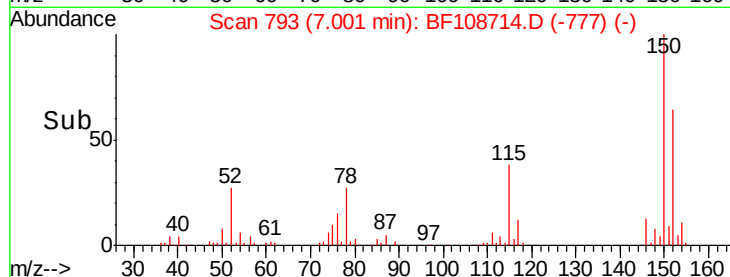
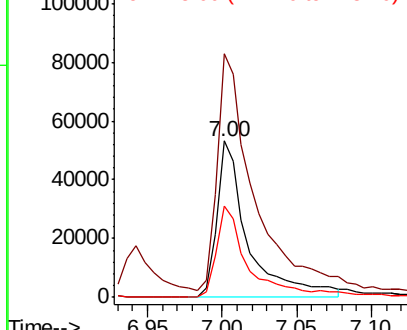
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77586
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.5 50.1 75.1



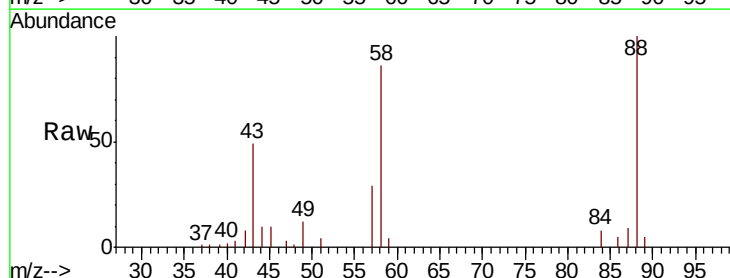
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



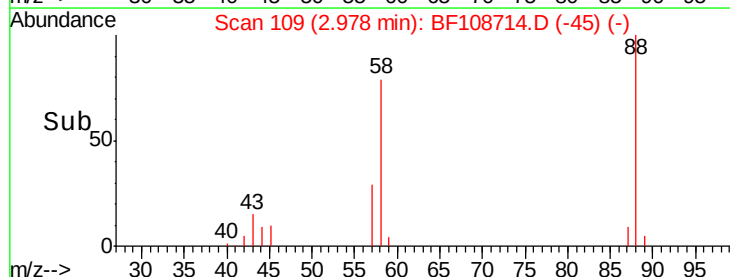
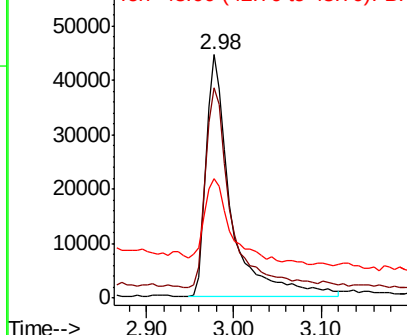
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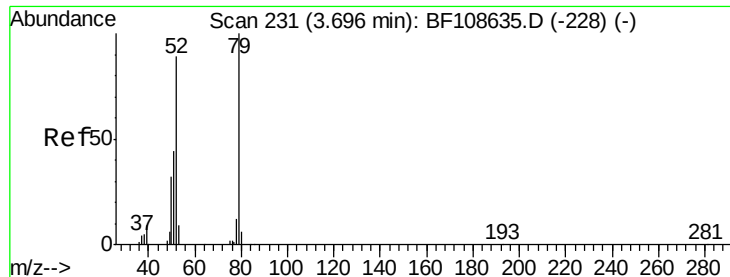
1,4-Dioxane
Concen: 42.290 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 88 Resp: 87777
Ion Ratio Lower Upper
88 100
58 84.4 62.6 93.8
43 33.9 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: 34.961 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.05 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

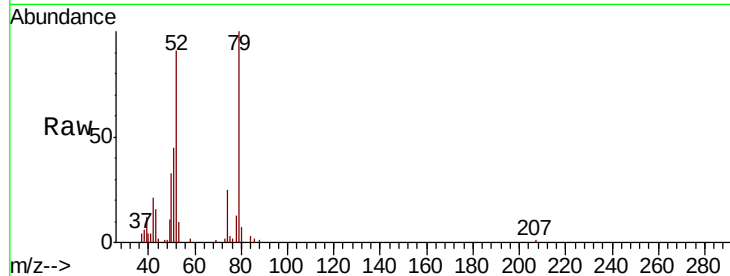
Tot Ion: 79 Resp: 167658

Ion Ratio Lower Upper

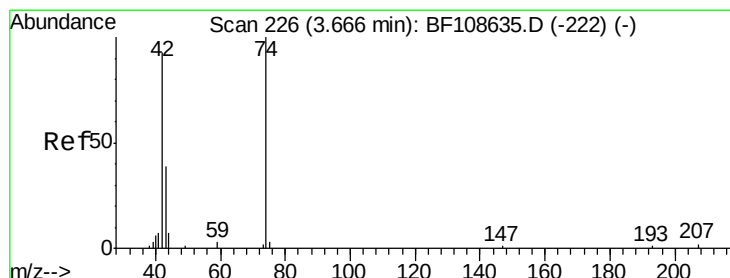
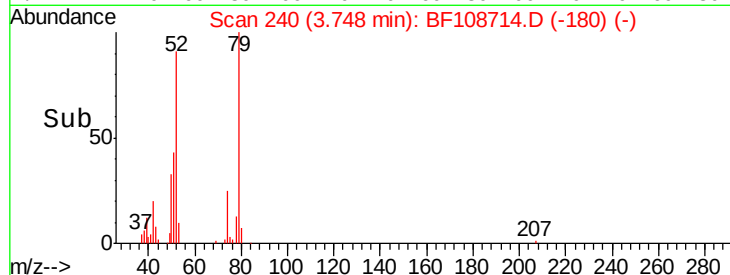
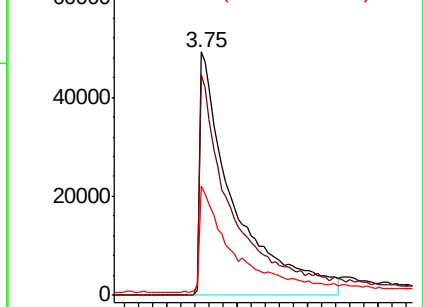
79 100

52 90.7 59.8 89.6#

51 44.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.452 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

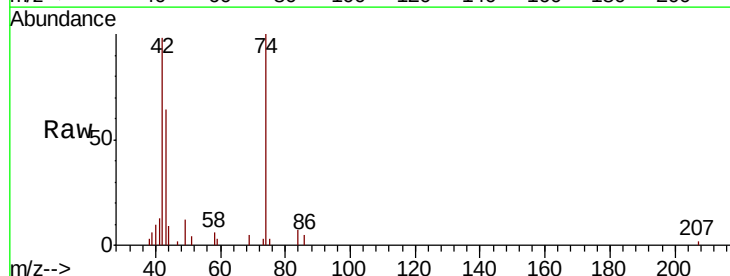
Tgt Ion: 42 Resp: 87198

Ion Ratio Lower Upper

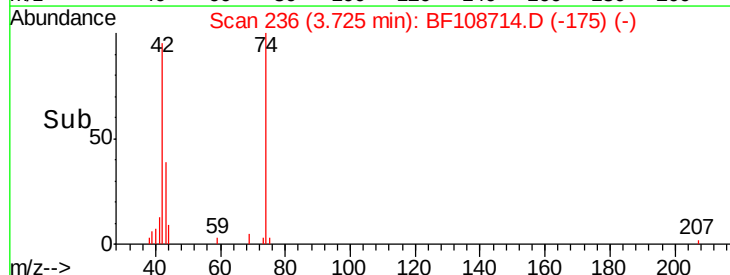
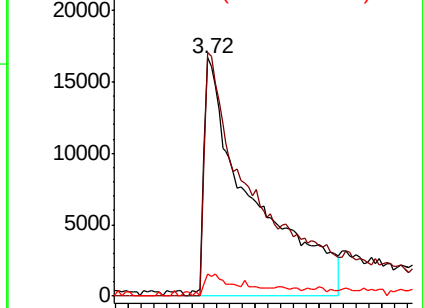
42 100

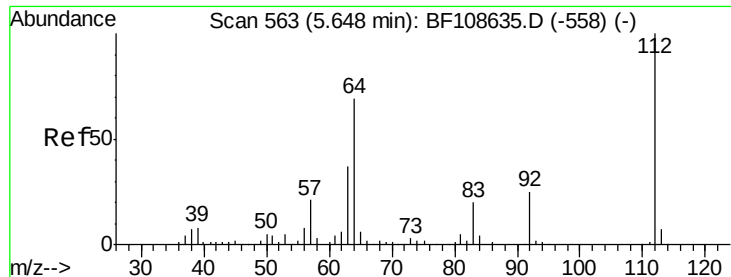
74 102.3 104.9 157.3#

44 9.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.801 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

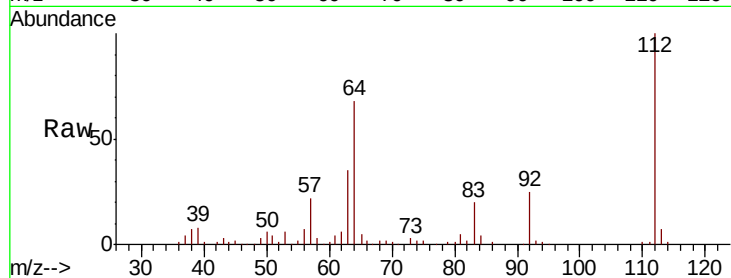
Tot Ion: 112 Resp: 343002

Ion Ratio Lower Upper

112 100

64 67.7 47.9 71.9

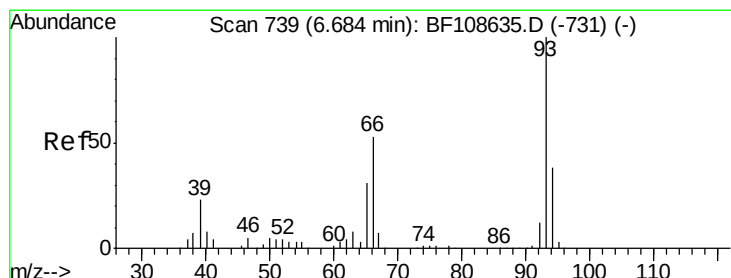
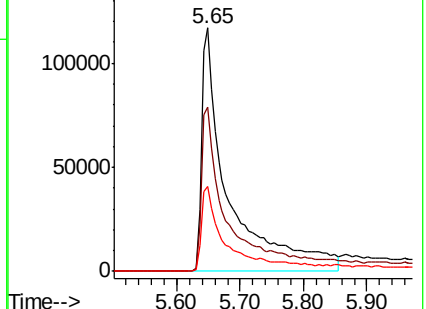
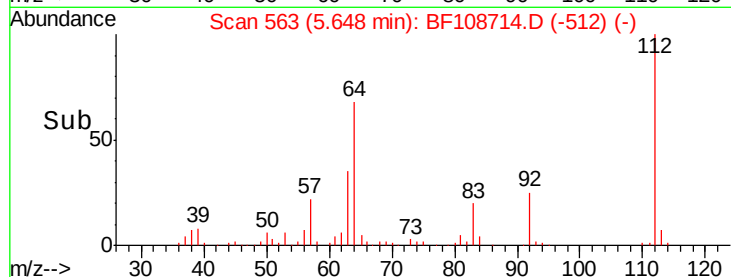
63 35.0 23.7 35.5



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: 12.260 ng

RT: 6.70 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

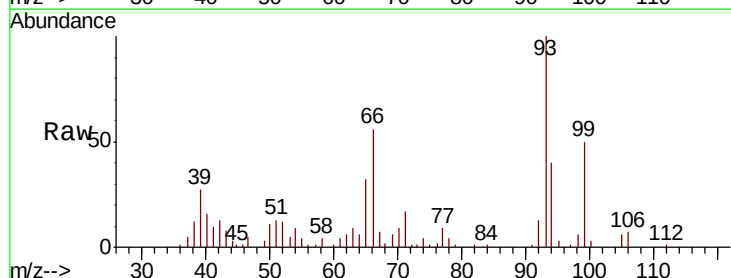
Tgt Ion: 93 Resp: 84621

Ion Ratio Lower Upper

93 100

66 56.4 32.2 48.2#

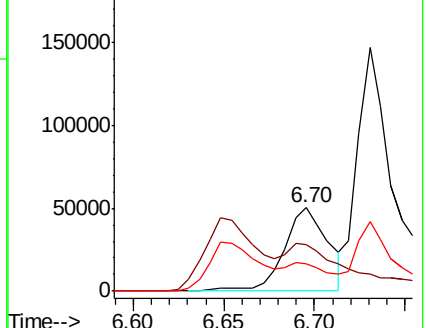
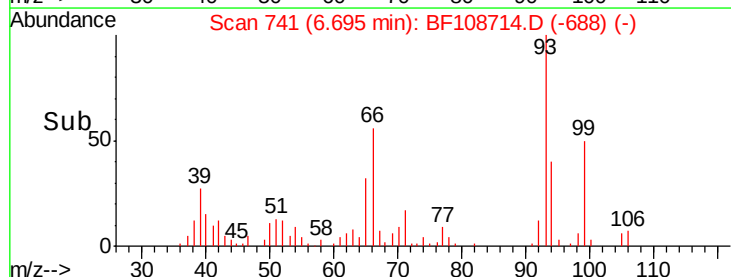
65 32.1 16.4 24.6#

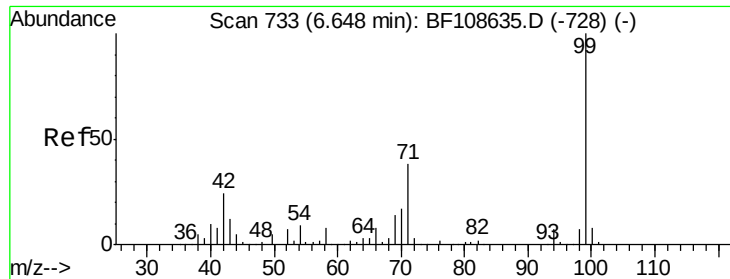


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.102 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

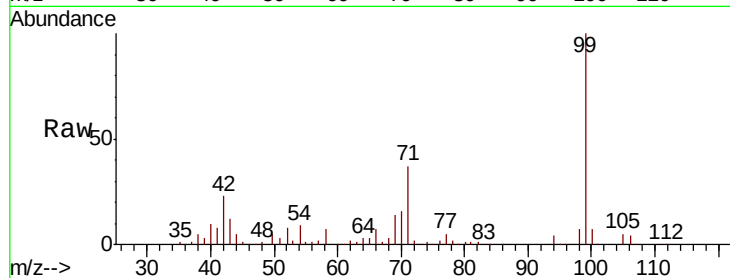
Tot Ion: 99 Resp: 499595

Ion Ratio Lower Upper

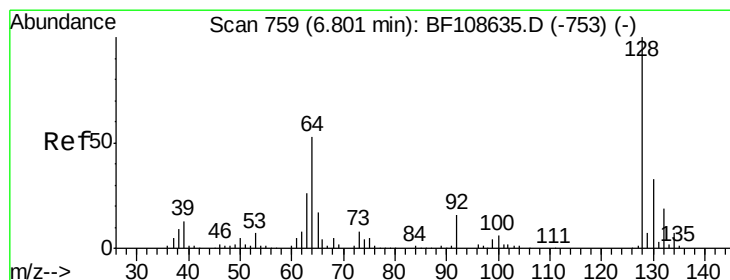
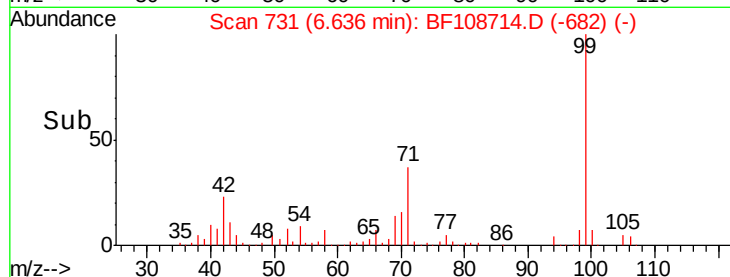
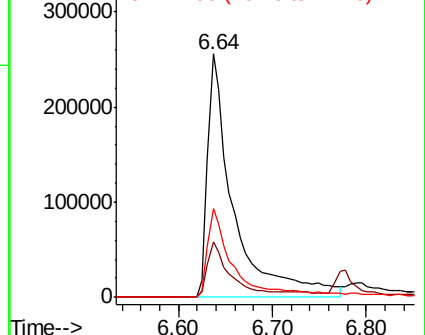
99 100

42 22.9 14.5 21.7#

71 36.6 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: 41.771 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

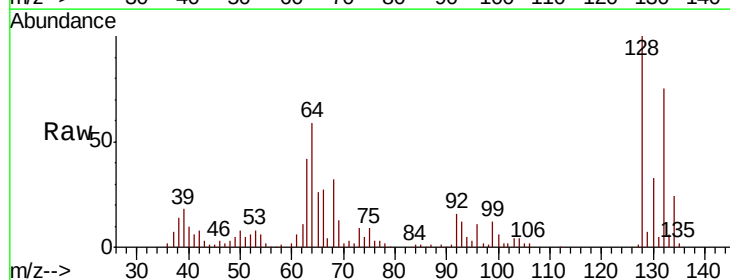
Tgt Ion: 128 Resp: 228102

Ion Ratio Lower Upper

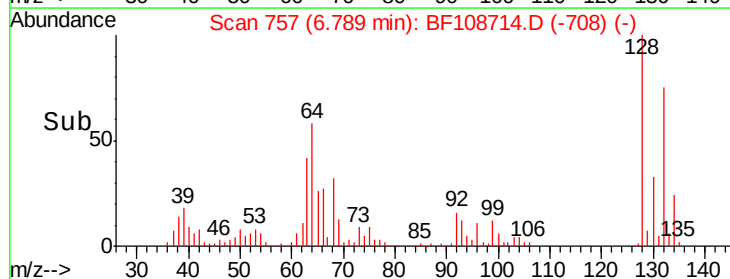
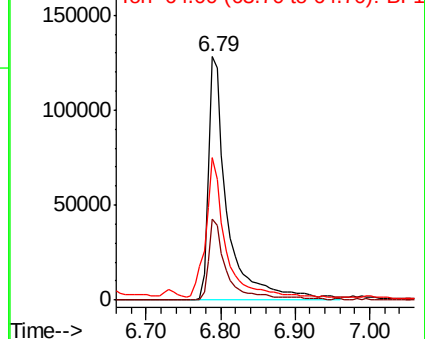
128 100

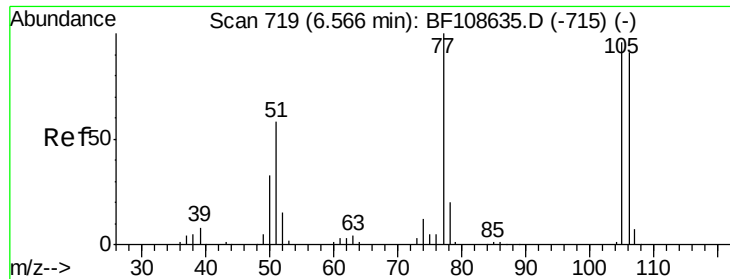
130 33.1 13.0 53.0

64 58.8 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

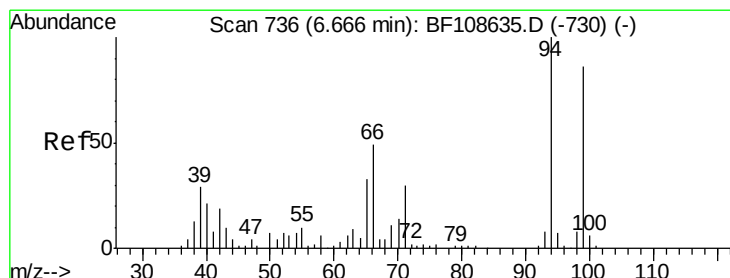
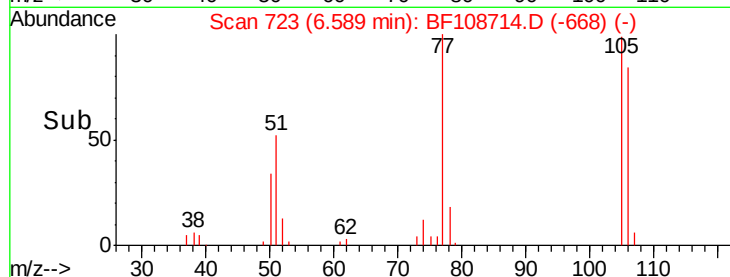
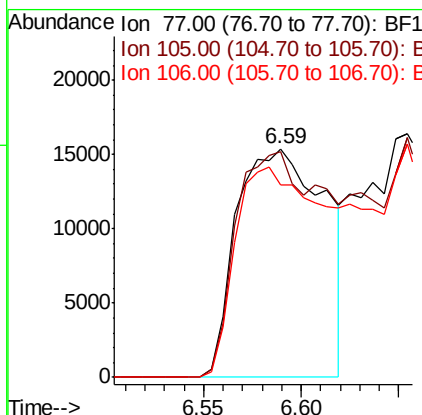
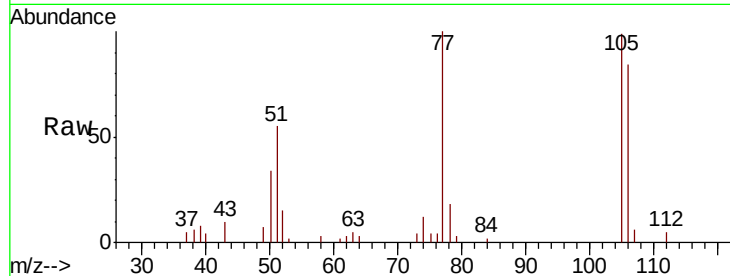




#9
Benzaldehyde
Concen: 12.244 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

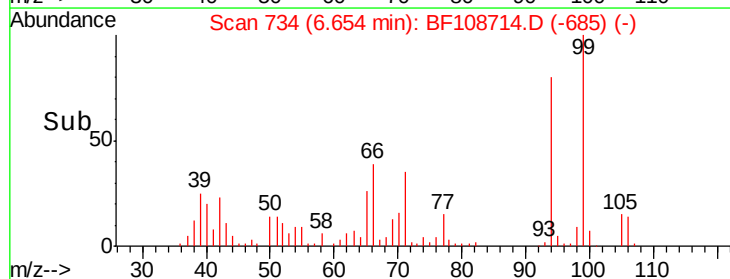
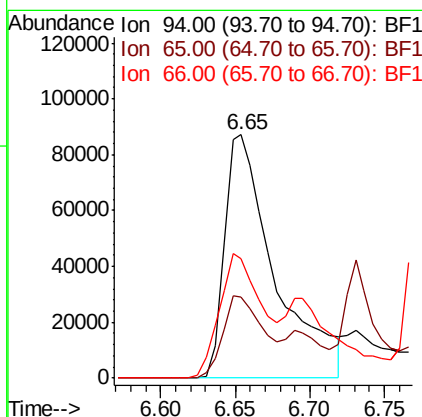
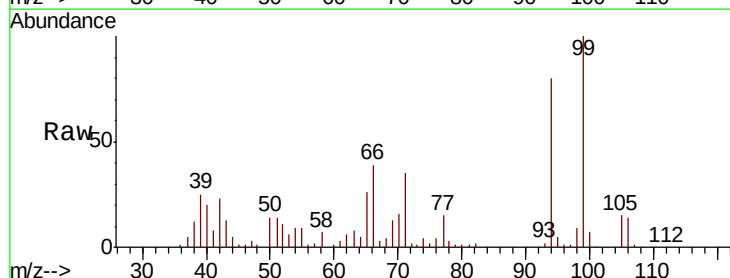
Instrument :
BNA_F
ClientSampled :

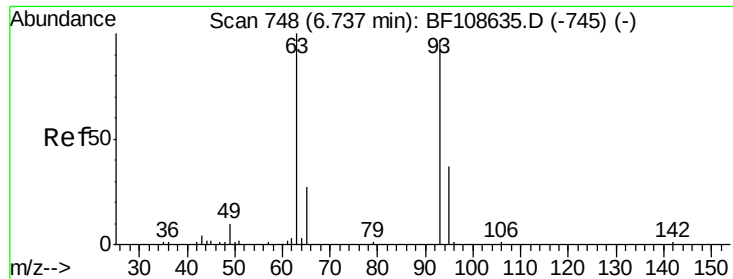
Tot Ion: 77 Resp: 48409
Ion Ratio Lower Upper
77 100
105 98.8 81.1 121.1
106 84.2 74.5 114.5



#10
Phenol
Concen: 27.459 ng
RT: 6.65 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 94 Resp: 204822
Ion Ratio Lower Upper
94 100
65 33.2 7.9 47.9
66 49.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.890 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

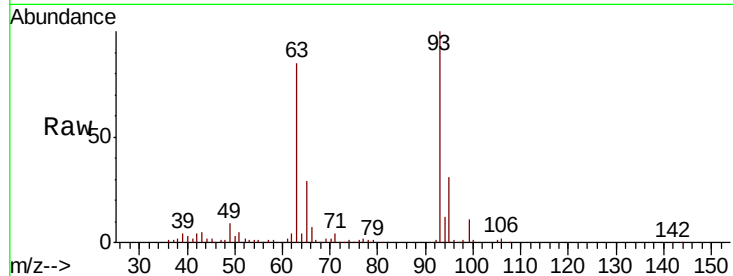
Tot Ion: 93 Resp: 248871

Ion Ratio Lower Upper

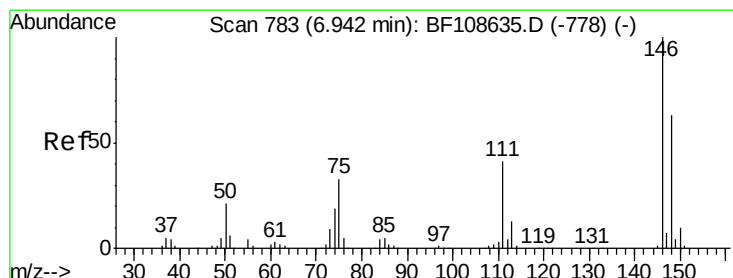
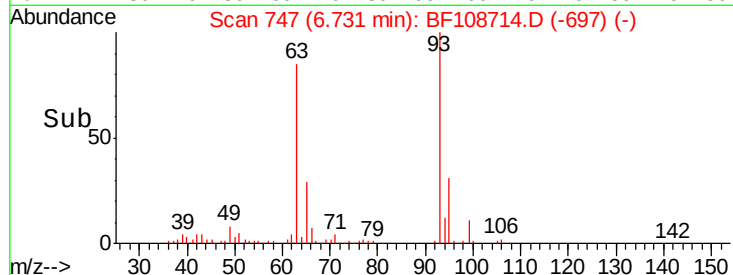
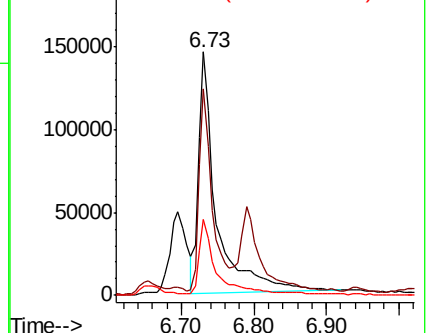
93 100

63 85.0 58.6 98.6

95 31.1 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 41.099 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

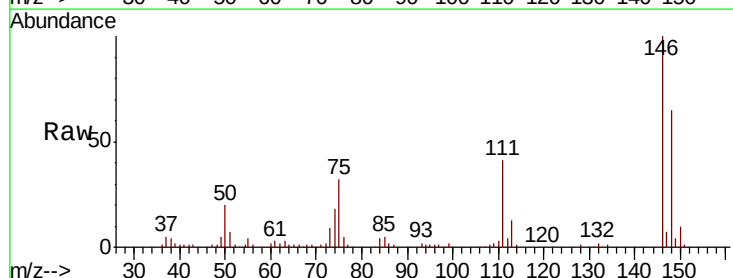
Tgt Ion: 146 Resp: 260219

Ion Ratio Lower Upper

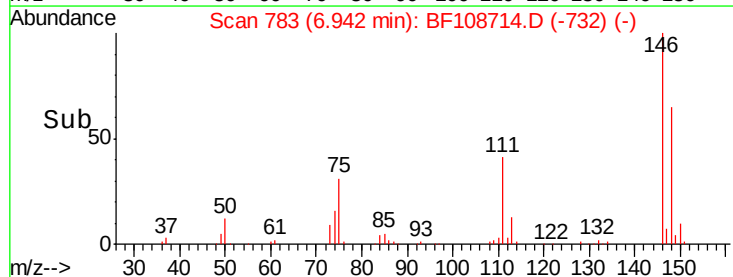
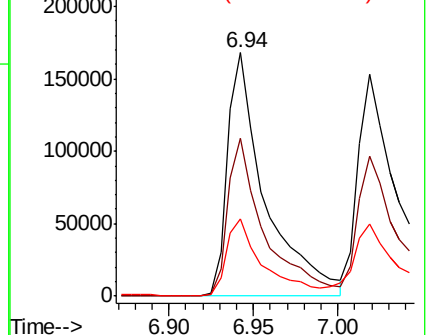
146 100

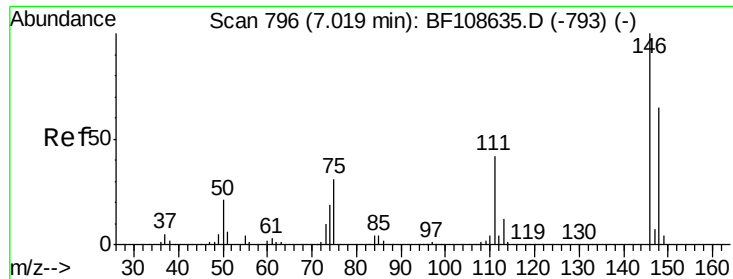
148 64.9 51.8 77.8

75 31.9 24.2 36.4



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

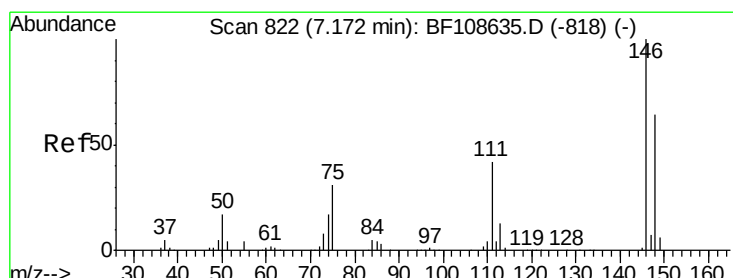
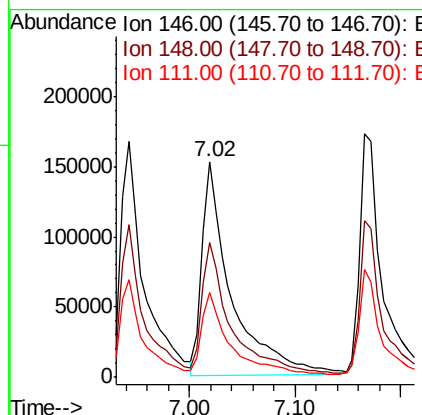
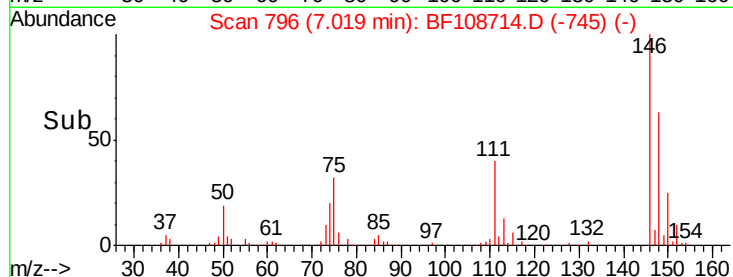
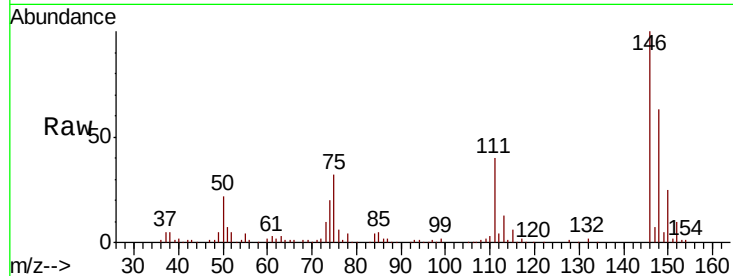




#13
 1,4-Dichlorobenzene
 Concen: 42.834 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

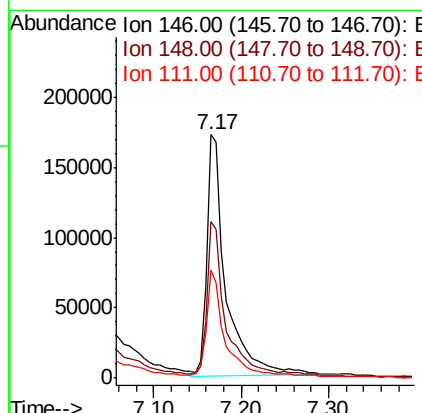
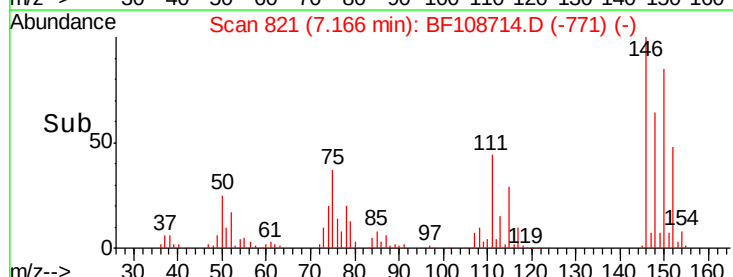
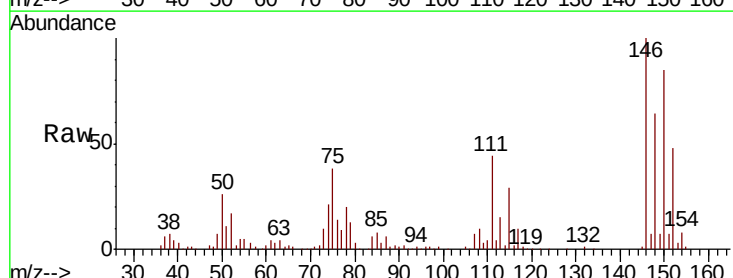
Instrument :
 BNA_F
 ClientSampled :

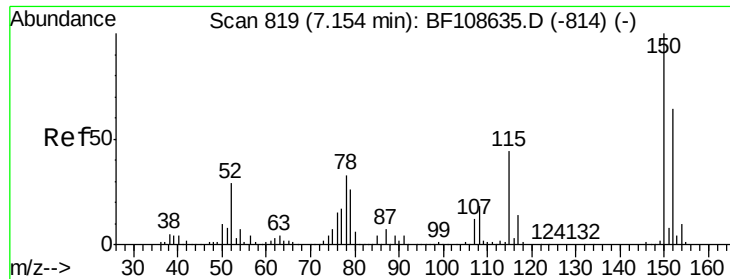
Tot Ion:146 Resp: 296040
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 39.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.221 ng
 RT: 7.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:146 Resp: 261648
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 44.2 36.0 54.0

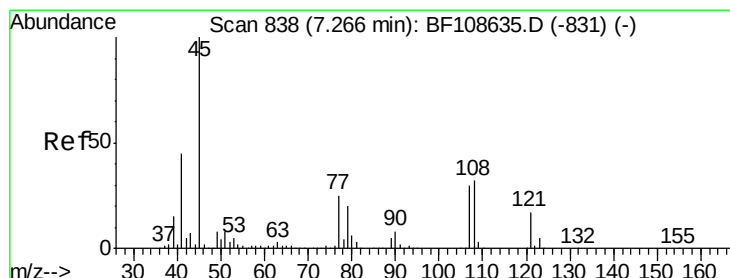
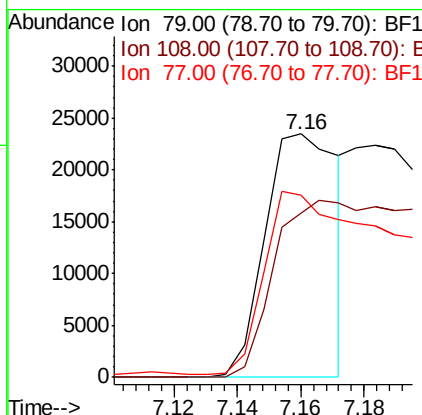
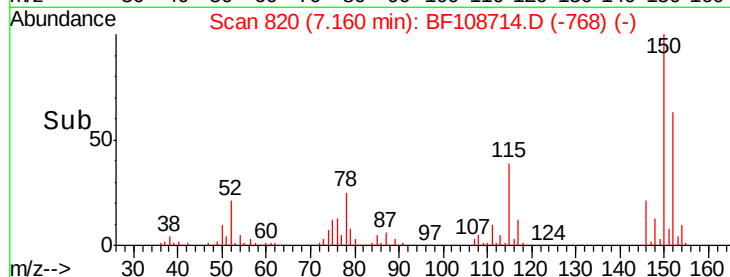
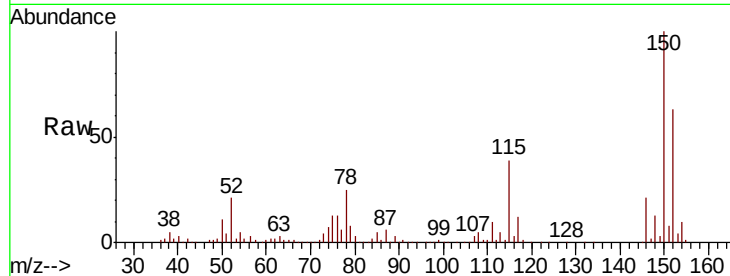




#15
Benzyl Alcohol
Concen: 8.177 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

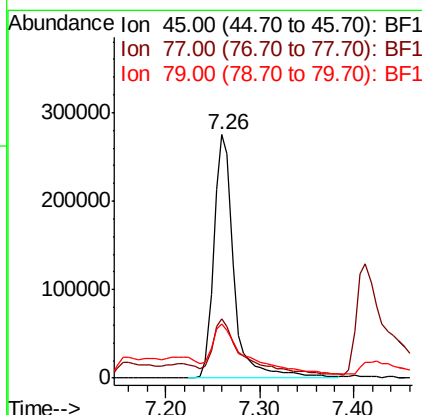
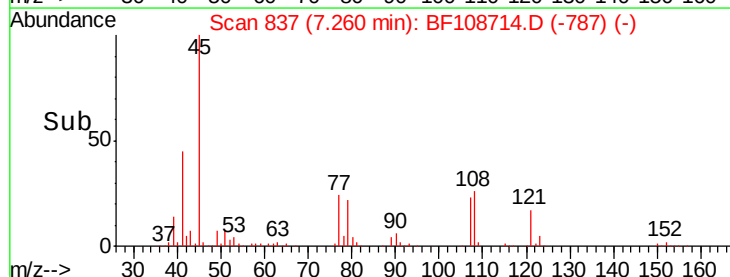
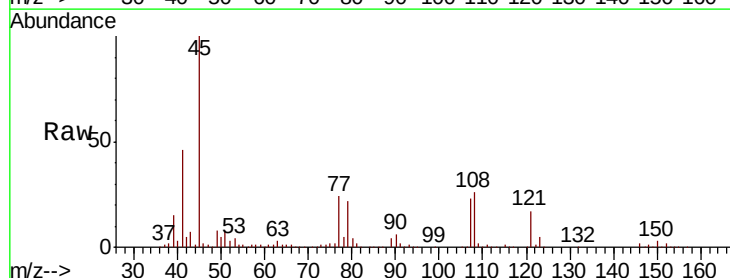
Instrument :
BNA_F
ClientSampleId :

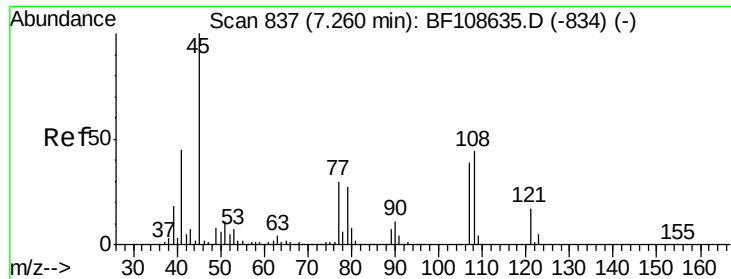
Tot Ion: 79 Resp: 37627
Ion Ratio Lower Upper
79 100
108 67.4 65.1 97.7
77 74.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.161 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 45 Resp: 414756
Ion Ratio Lower Upper
45 100
77 24.1 0.0 32.9
79 22.0 0.0 29.6





#17

2-Methylphenol

Concen: 37.149 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 157725

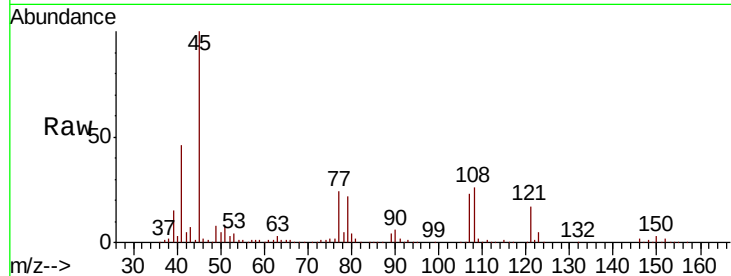
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 104.4 33.8 50.8#

79 95.3 33.8 50.8#

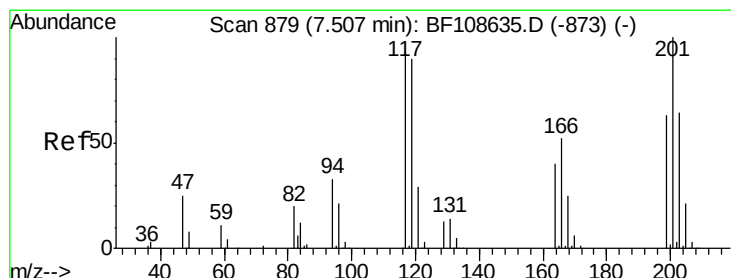
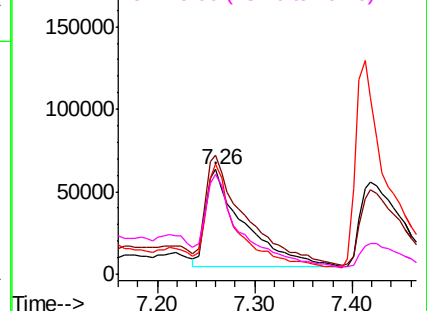
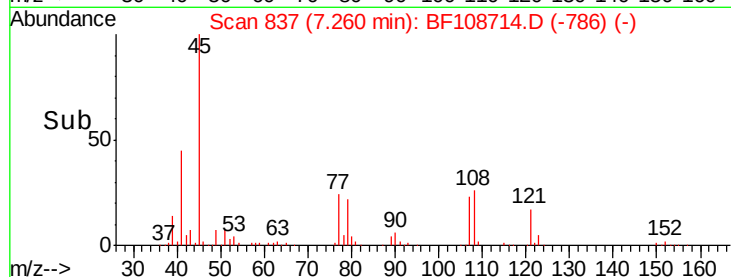


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.587 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

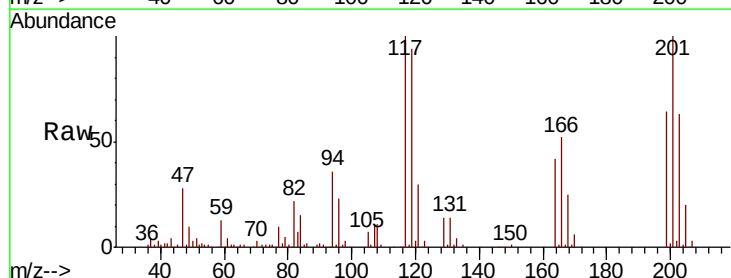
Tgt Ion:117 Resp: 91715

Ion Ratio Lower Upper

117 100

119 94.0 75.8 113.8

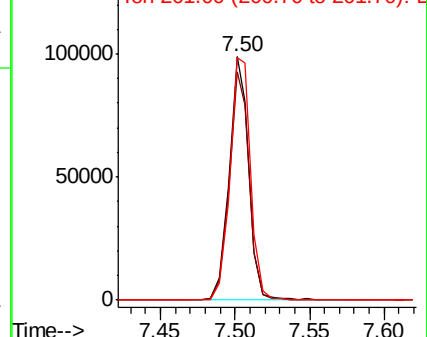
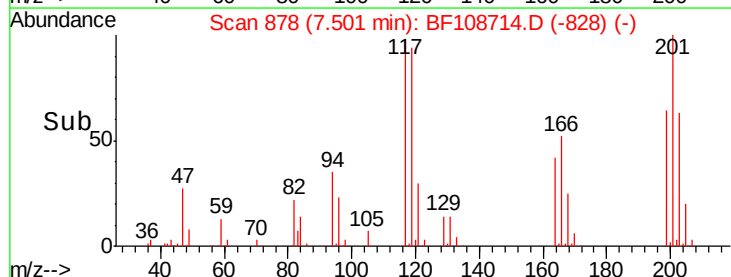
201 99.8 75.7 113.5

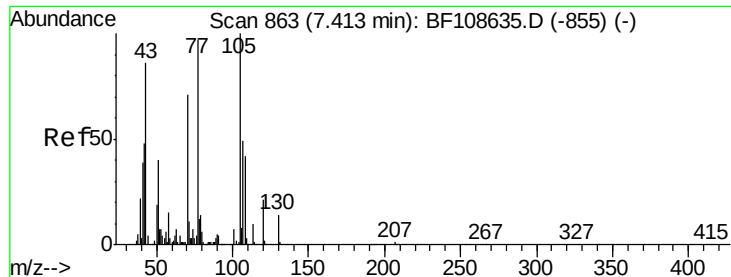


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

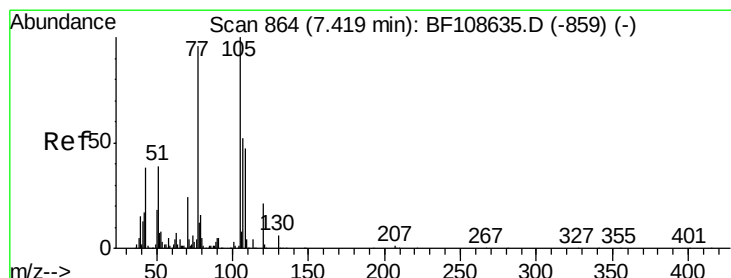
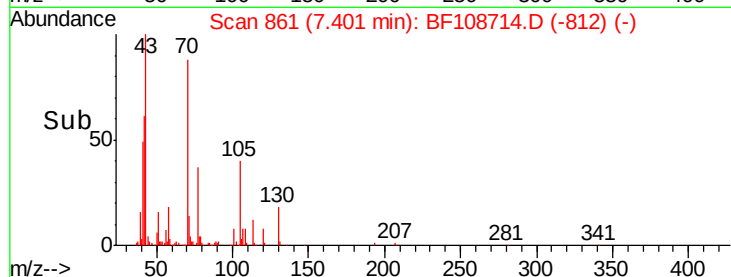
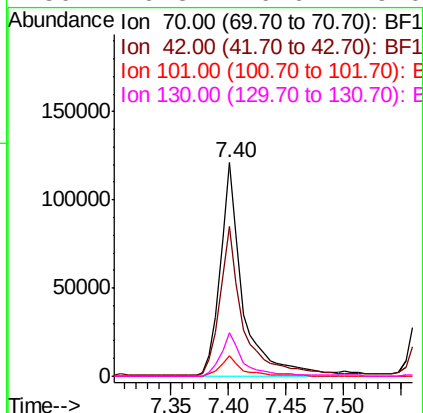
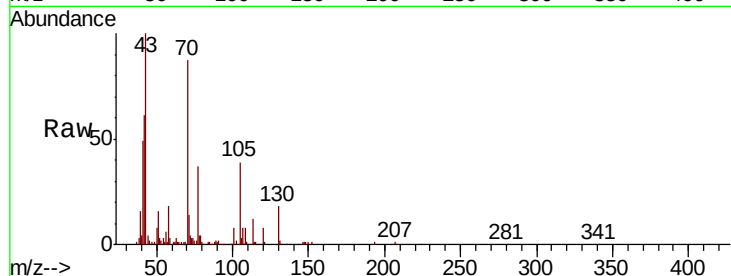




#19
n-Nitroso-di-n-propylamine
Concen: 38.700 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

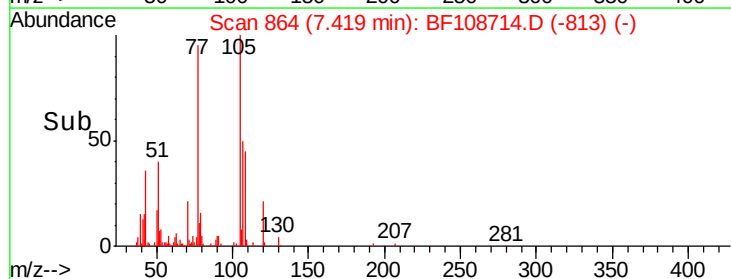
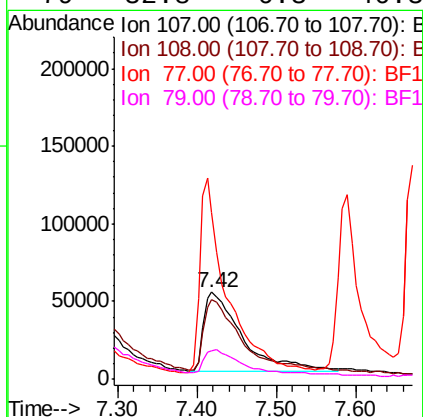
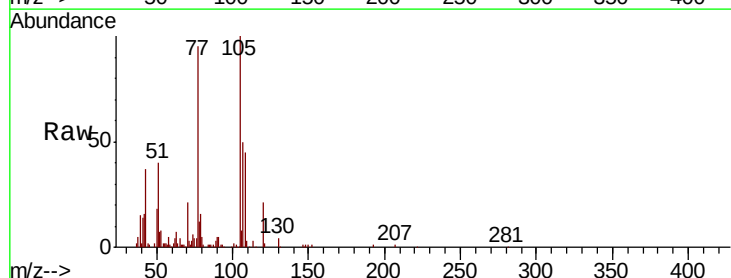
Instrument :
BNA_F
ClientSampleId :

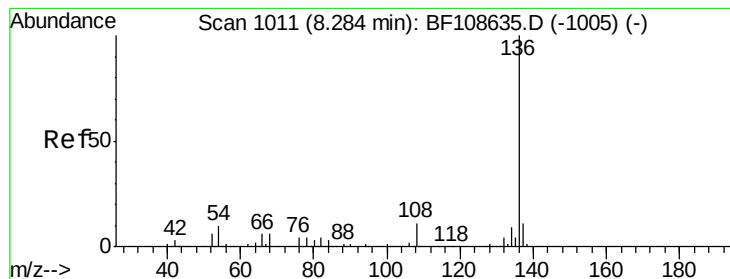
Tot Ion: 70 Resp: 165778
Ion Ratio Lower Upper
70 100
42 69.9 47.5 71.3
101 9.6 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 32.635 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 107 Resp: 173604
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 192.0 26.7 66.7#
79 32.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 272730

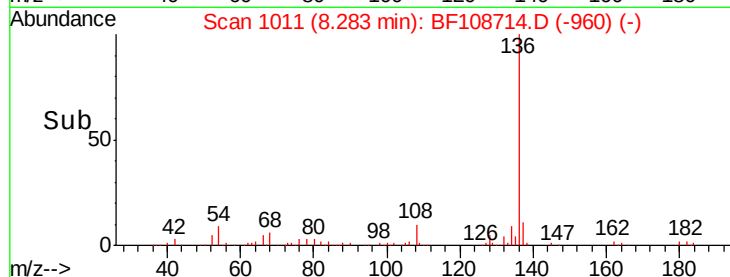
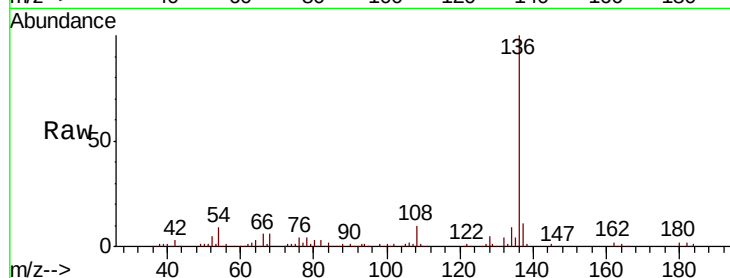
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.2 6.6 9.8

68 5.6 5.0 7.4

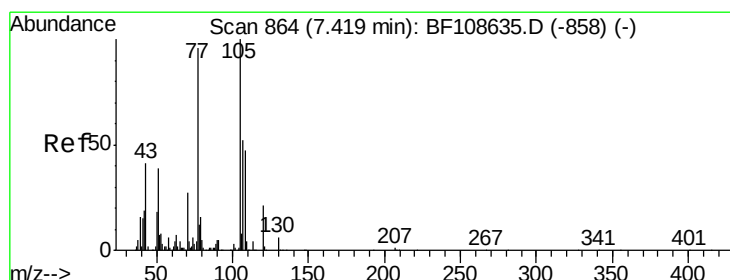
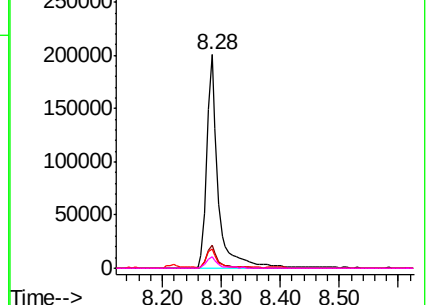


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.585 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:105 Resp: 337593

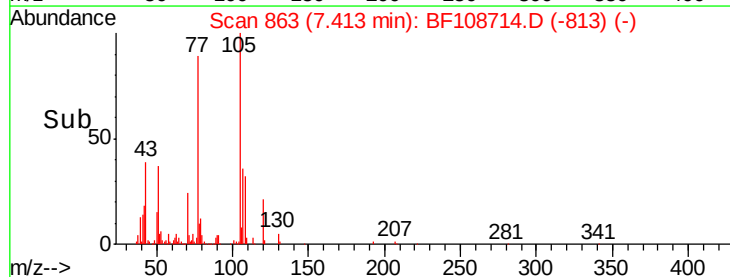
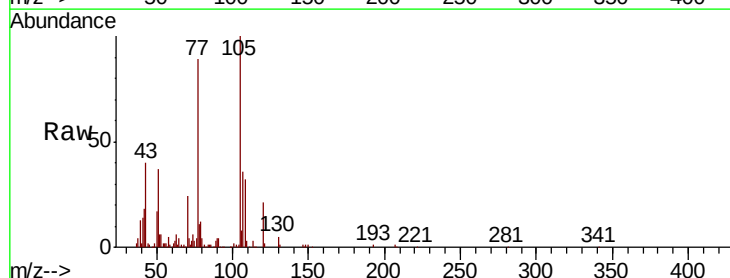
Ion Ratio Lower Upper

105 100

71 4.4 4.4 6.6

51 37.4 22.3 33.5#

120 20.8 16.9 25.3

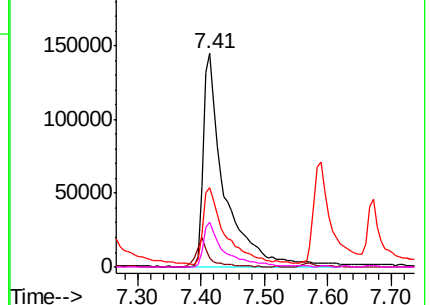


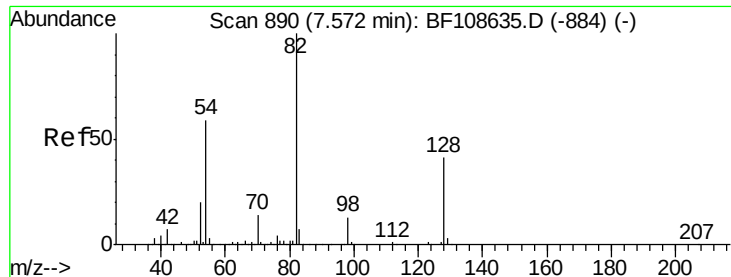
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

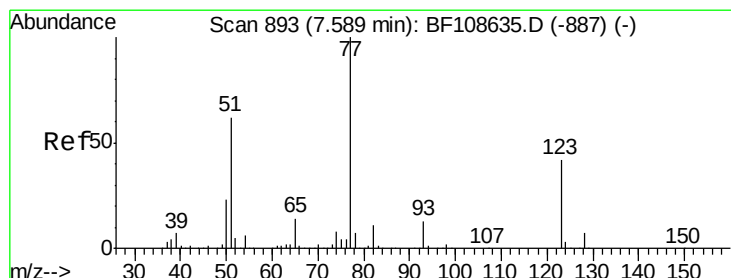
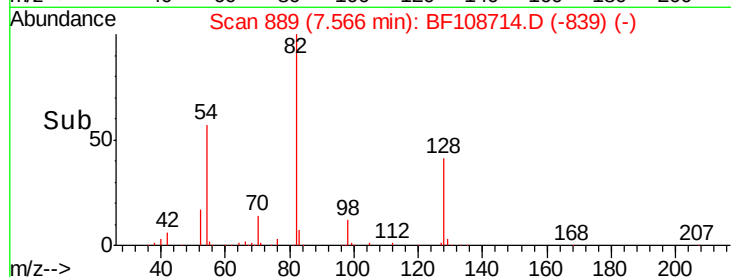
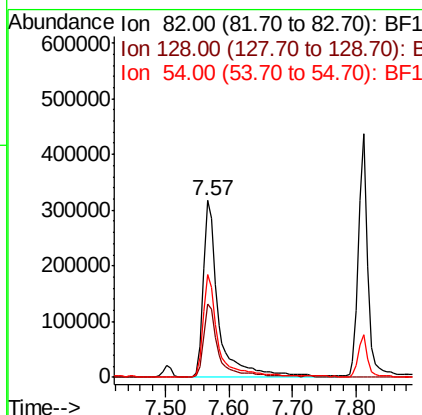
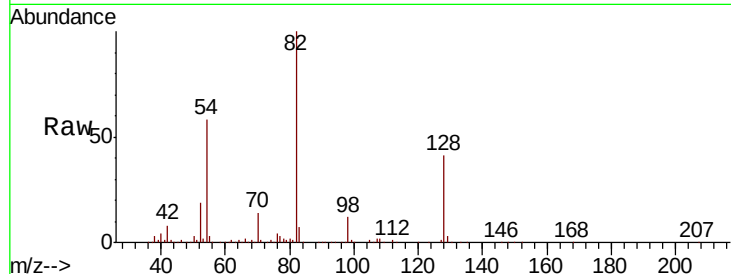




#23
 Nitrobenzene-d5
 Concen: 100.600 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

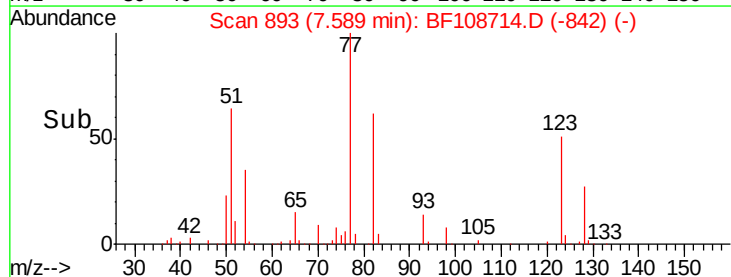
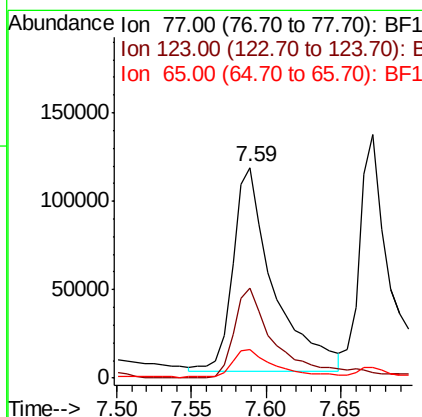
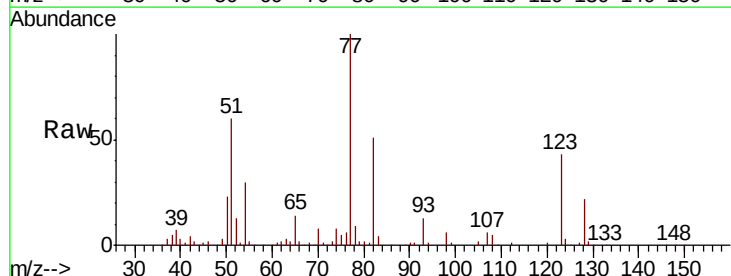
Instrument :
 BNA_F
 ClientSampled :

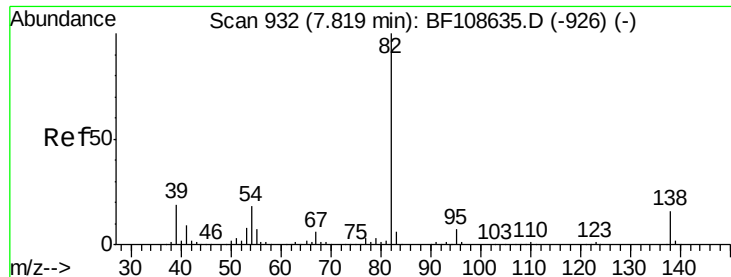
Tot Ion	82	Resp	540532
Ion Ratio	Lower	Upper	
82	100		
128	41.4	36.1	54.1
54	58.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.236 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	77	Resp	219214
Ion Ratio	Lower	Upper	
77	100		
123	42.5	37.9	56.9
65	13.8	11.0	16.4

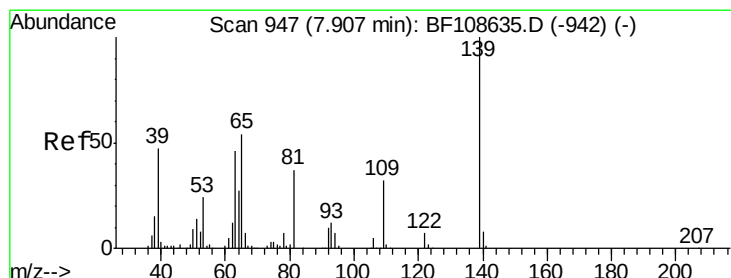
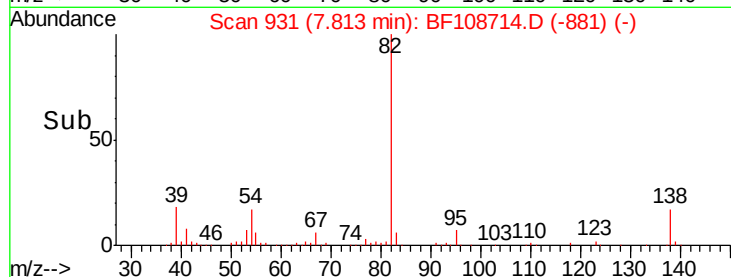
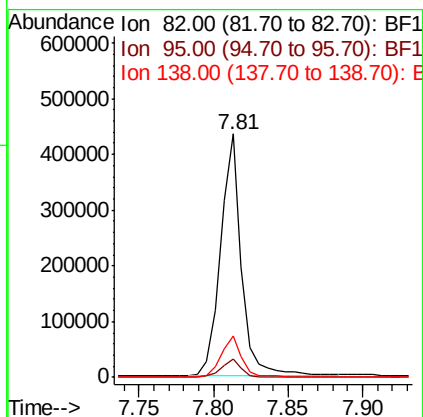
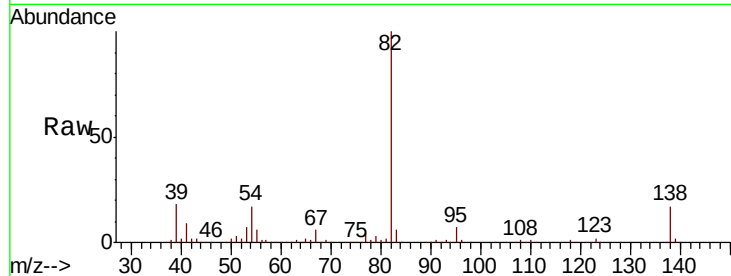




#25
Isophorone
Concen: 48.092 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

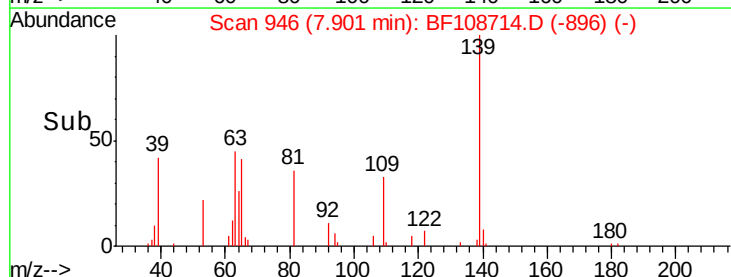
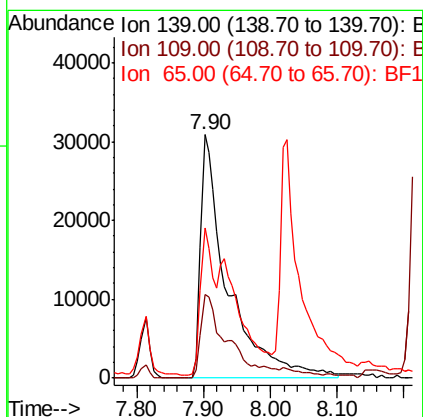
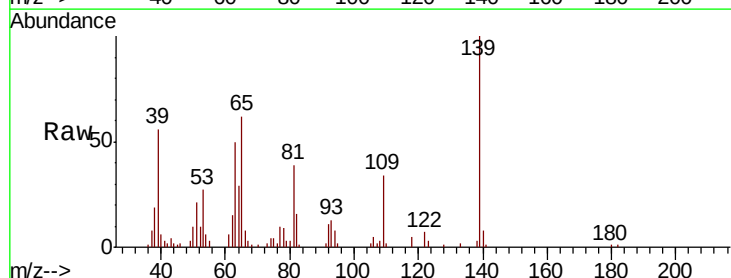
Instrument :
BNA_F
ClientSampleId :

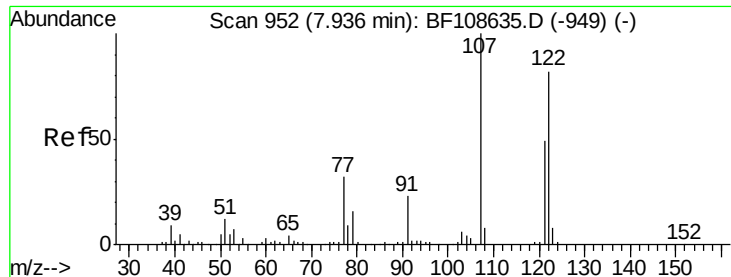
Tot Ion: 82 Resp: 429250
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 16.9 14.9 22.3



#26
2-Nitrophenol
Concen: 34.672 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 139 Resp: 85512
Ion Ratio Lower Upper
139 100
109 34.4 22.7 34.1#
65 61.8 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 47.291 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

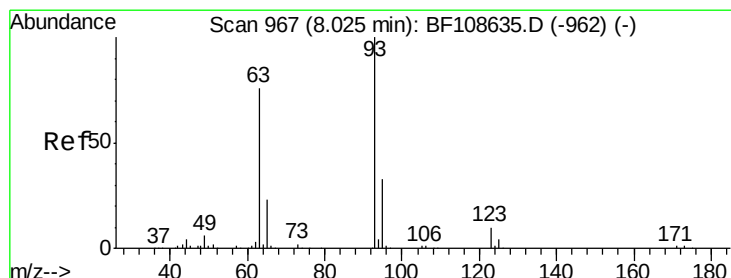
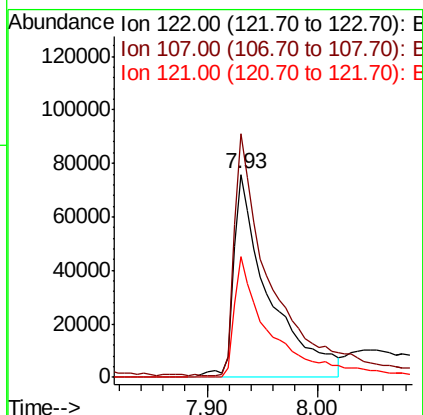
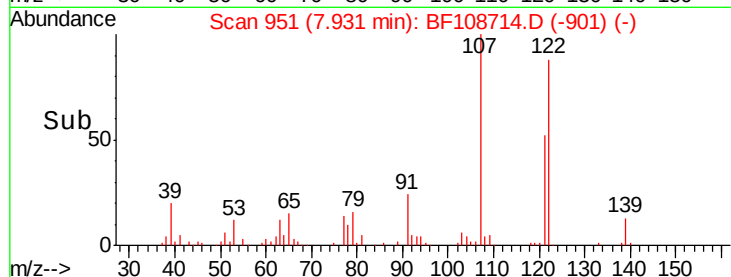
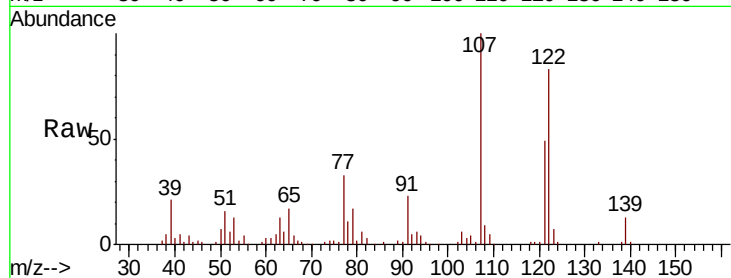
Tot Ion:122 Resp: 169629

Ion Ratio Lower Upper

122 100

107 120.0 91.2 136.8

121 59.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.501 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

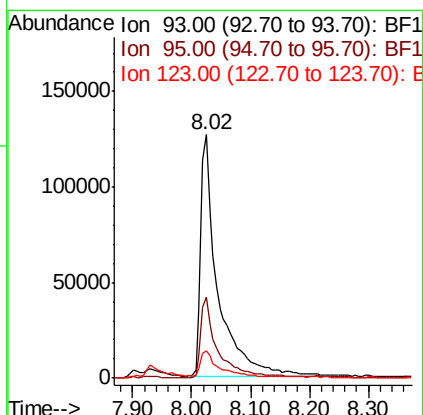
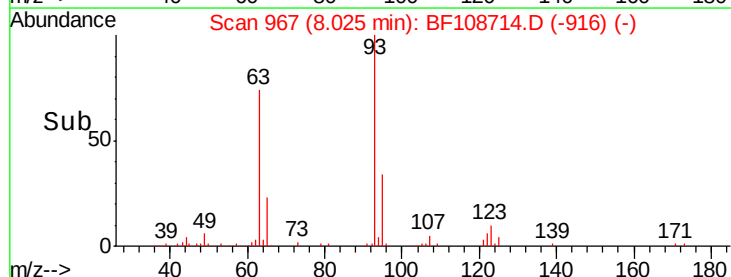
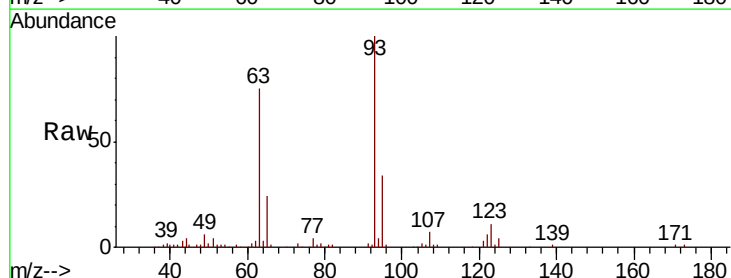
Tgt Ion: 93 Resp: 256552

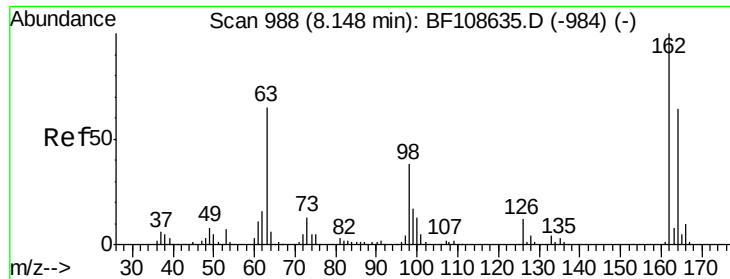
Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

123 11.2 9.8 14.6

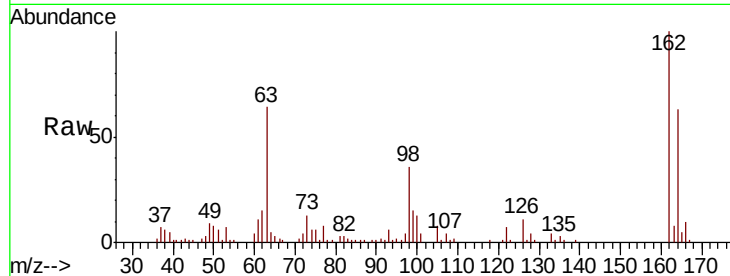




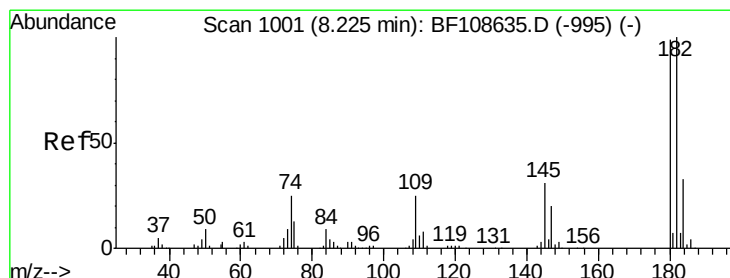
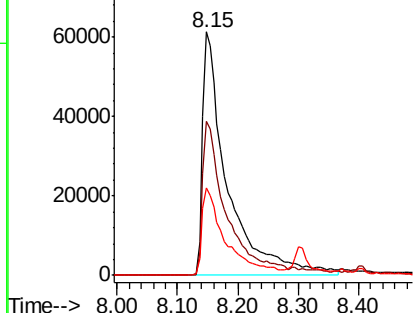
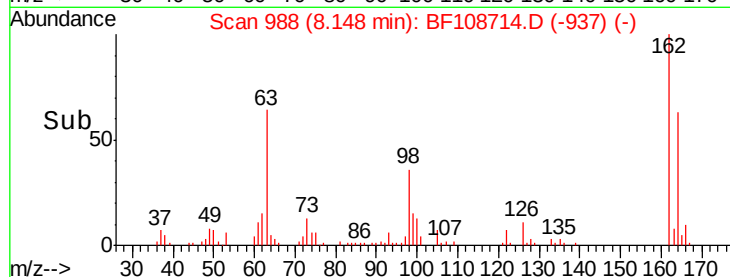
#29
 2,4-Dichlorophenol
 Concen: 41.229 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 175444
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.7 82.7
 98 35.9 18.1 58.1

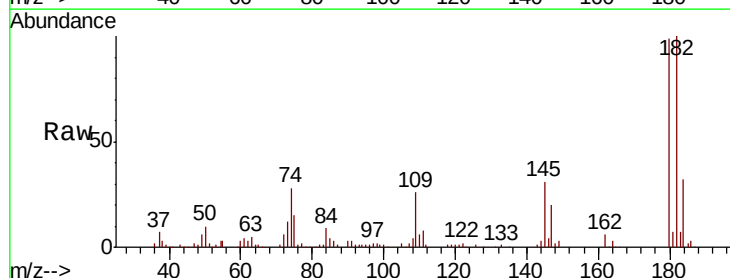


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

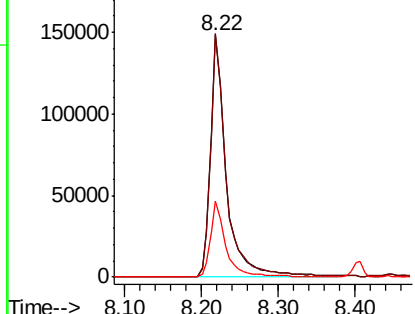
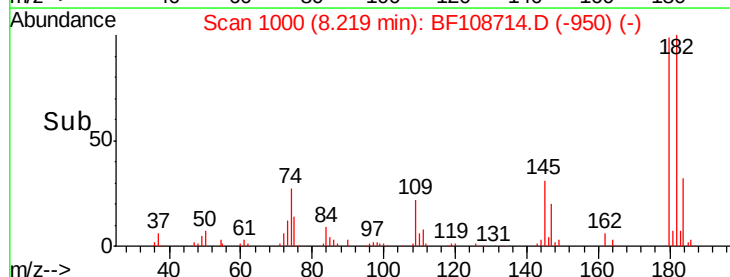


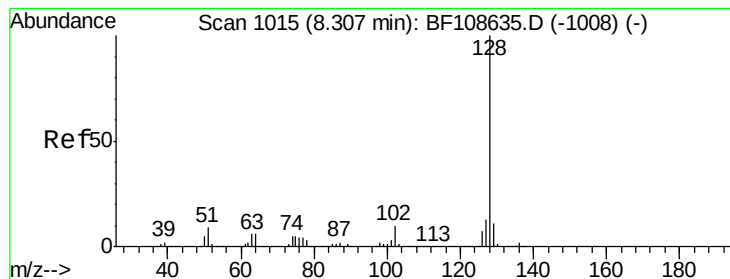
#30
 1,2,4-Trichlorobenzene
 Concen: 44.401 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:180 Resp: 211288
 Ion Ratio Lower Upper
 180 100
 182 100.6 76.8 115.2
 145 31.4 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: 50.923 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampled :

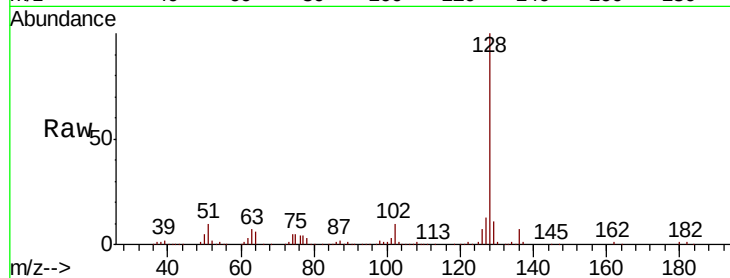
Tot Ion:128 Resp: 661508

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

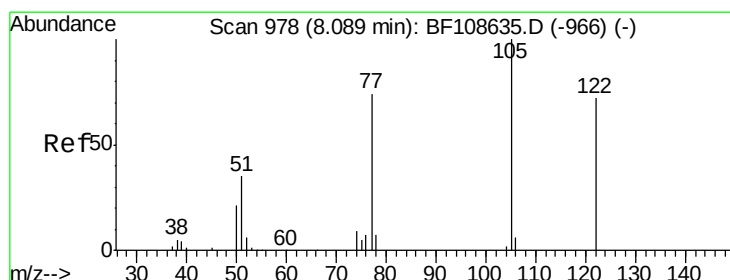
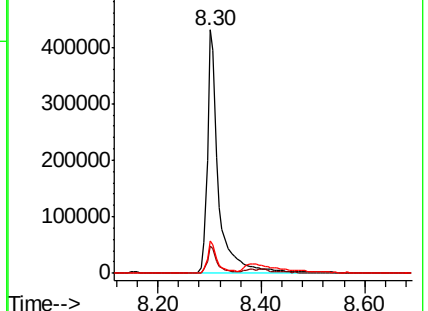
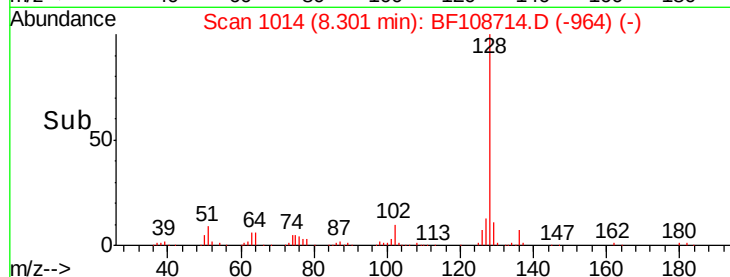
127 13.2 10.9 16.3



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: 23.917 ng

RT: 8.05 min Scan# 972

Delta R.T. -0.04 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

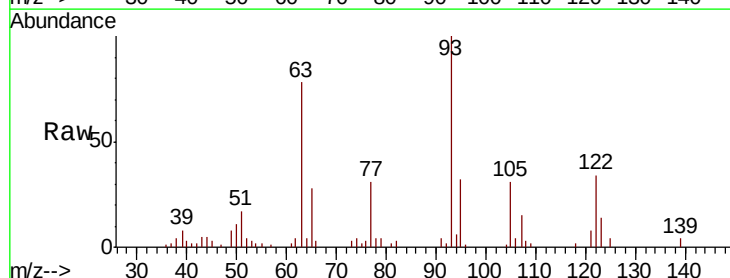
Tgt Ion:122 Resp: 55015

Ion Ratio Lower Upper

122 100

105 92.9 101.1 141.1#

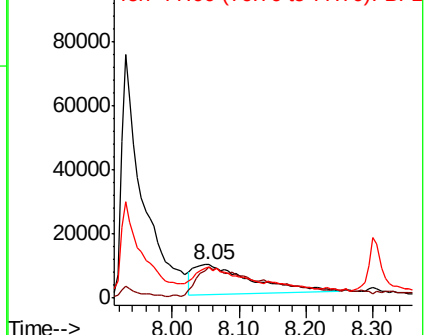
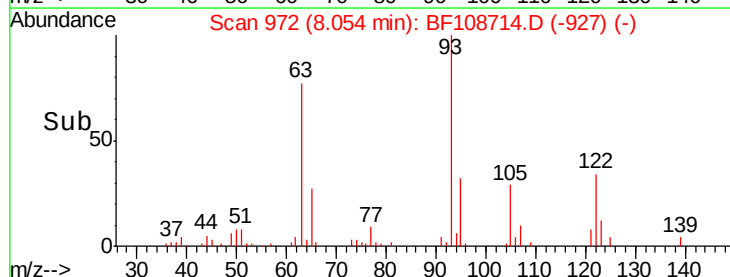
77 92.0 70.7 110.7

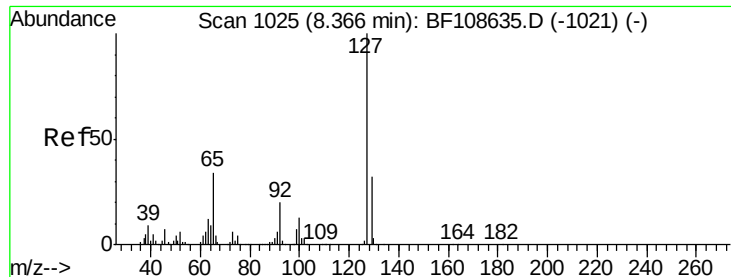


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

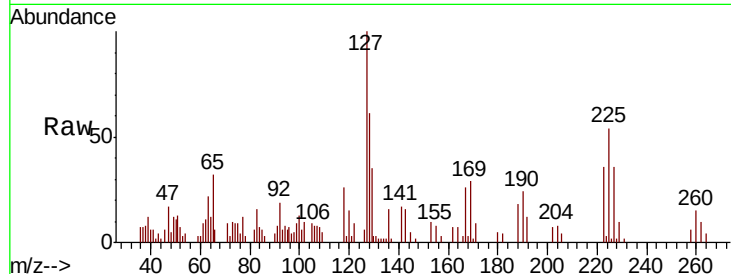




#33
4-Chloroaniline
Concen: 14.314 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	82081
Ion Ratio	Lower	Upper
127	100	
129	34.5	25.9 38.9
65	31.6	25.0 37.4
92	18.7	15.2 22.8



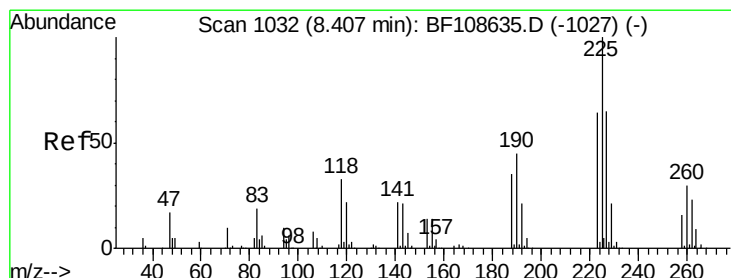
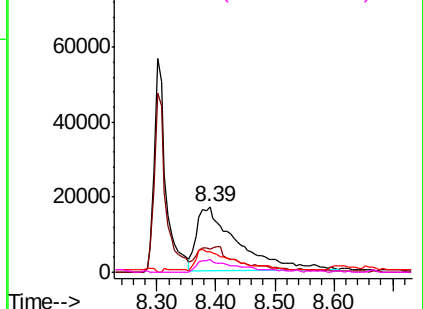
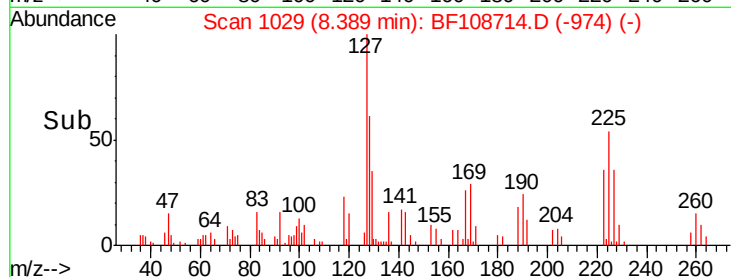
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

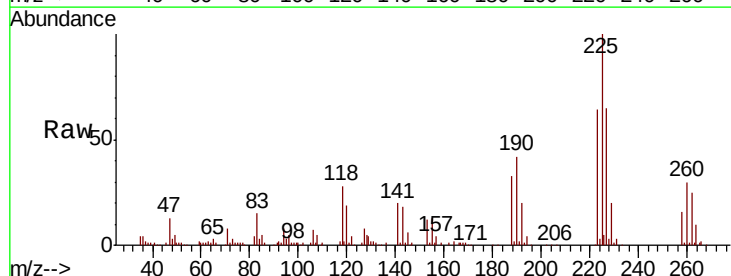
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.237 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:225	Resp:	144466
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.6 76.0
227	64.8	51.9 77.9

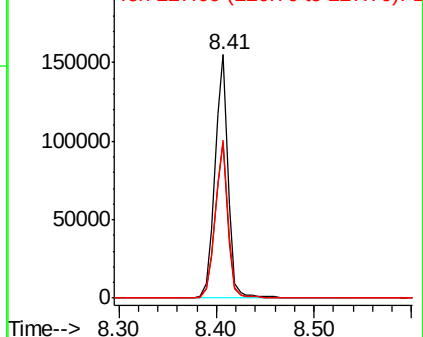
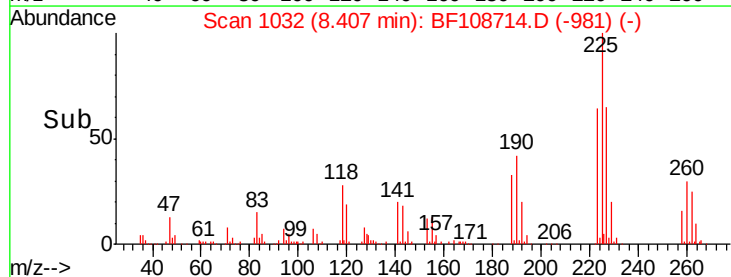


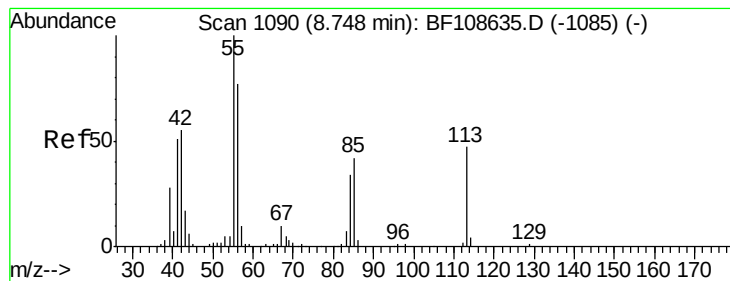
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.751 ng

RT: 8.72 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

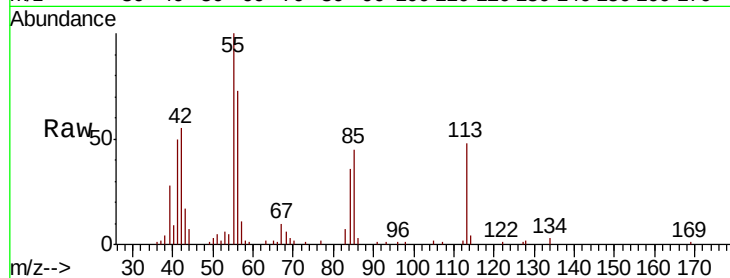
Tot Ion:113 Resp: 40539

Ion Ratio Lower Upper

113 100

55 208.8 163.3 203.3#

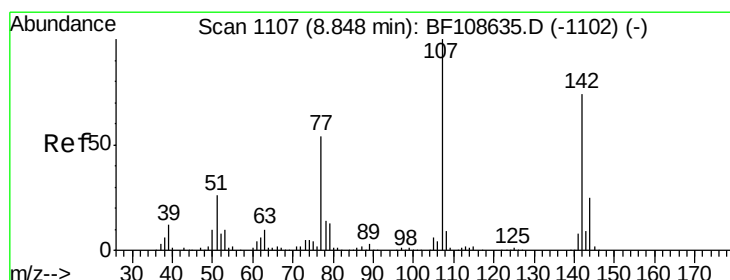
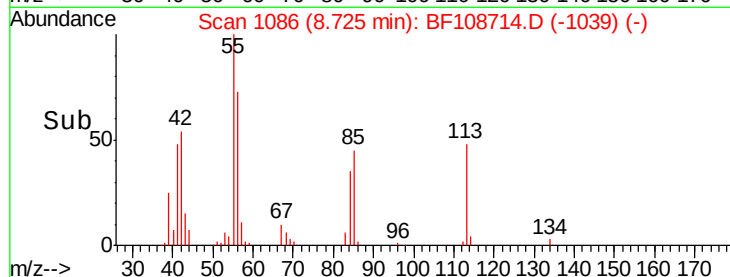
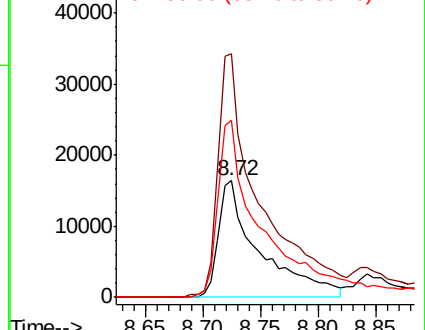
56 151.8 115.7 155.7



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: 37.889 ng

RT: 8.84 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

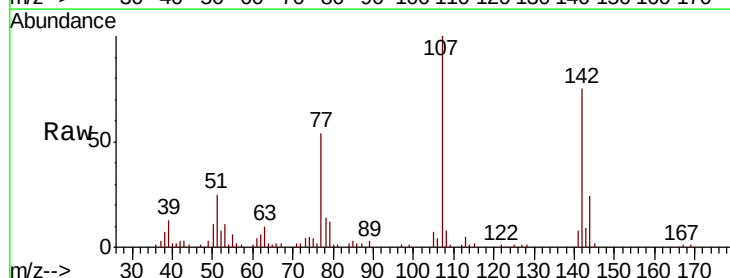
Tgt Ion:107 Resp: 173048

Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

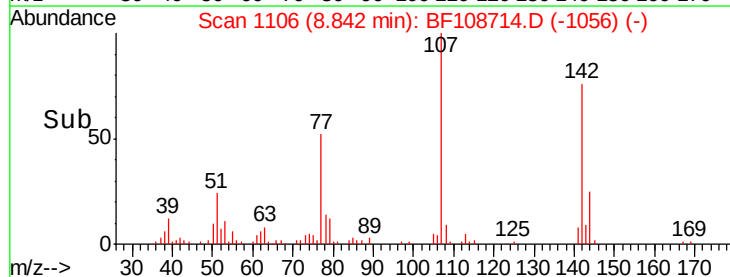
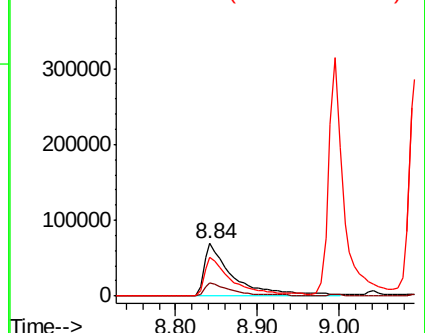
142 75.2 62.0 93.0

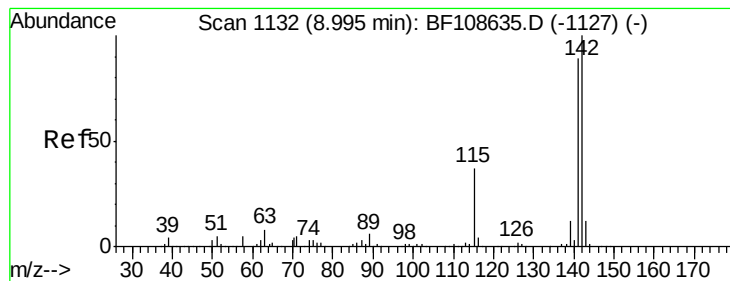


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

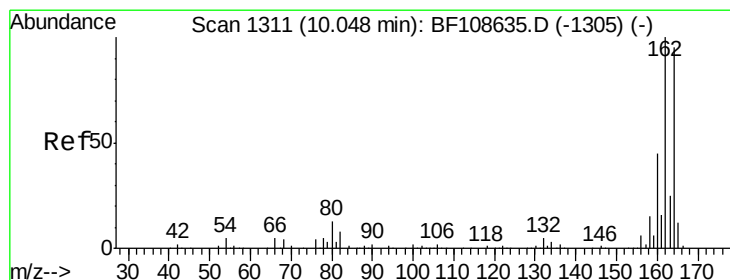
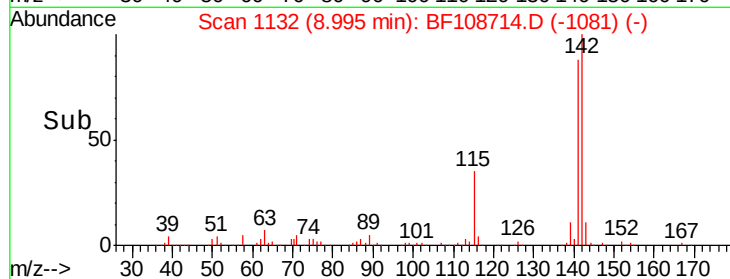
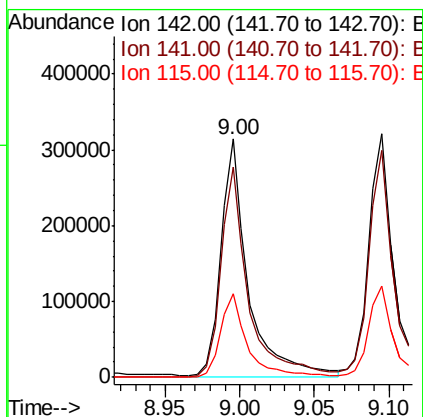
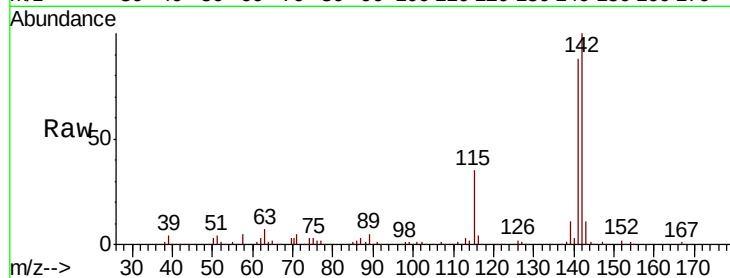




#37
 2-Methylnaphthalene
 Concen: 45.775 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

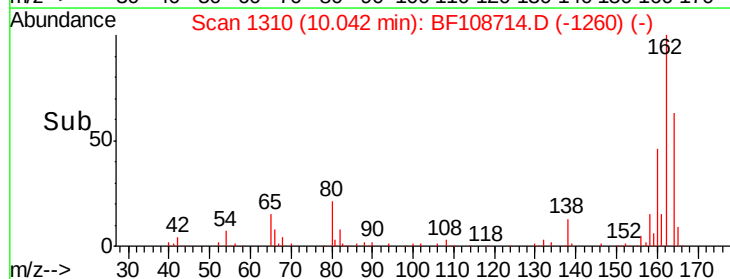
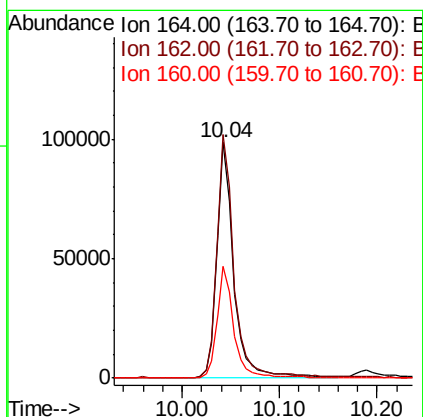
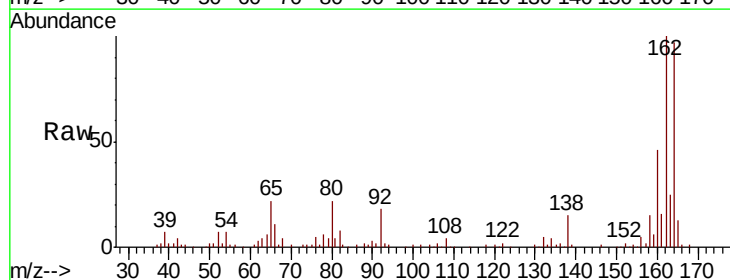
Instrument :
 BNA_F
 ClientSampleId :

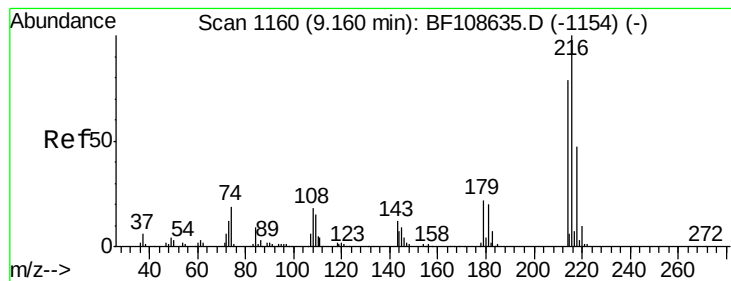
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	35.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	47.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.911 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF108714.D

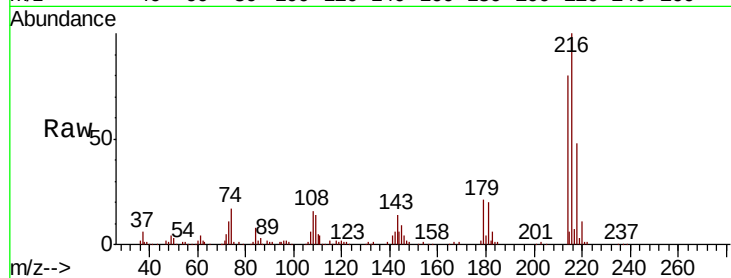
Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	211712
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.4	18.1	27.1
108	16.4	17.2	25.8#



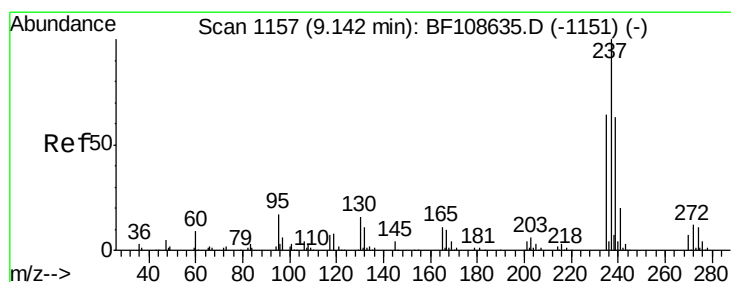
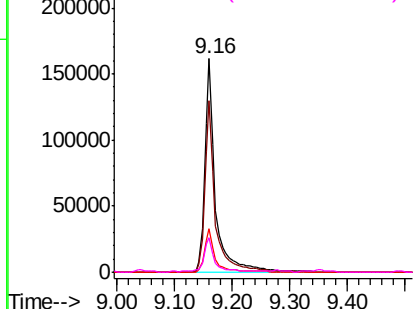
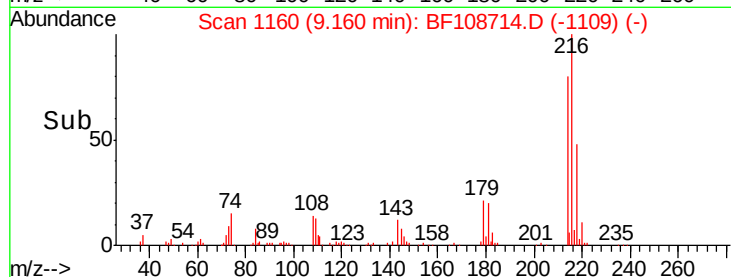
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.774 ng

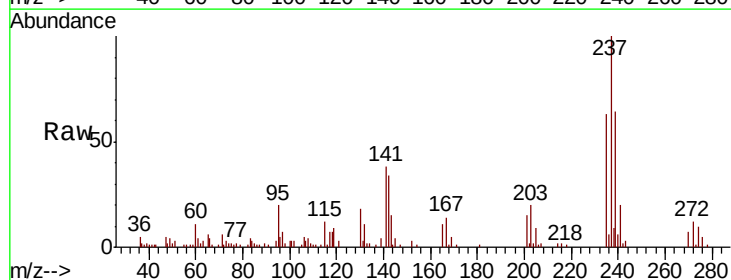
RT: 9.14 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:	237	Resp:	38589
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.4	0.0	33.3

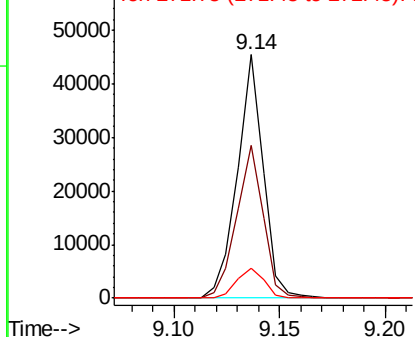
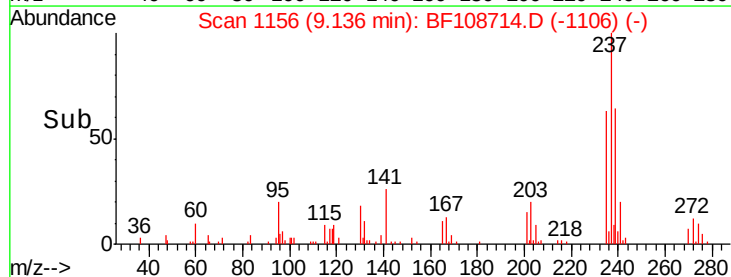


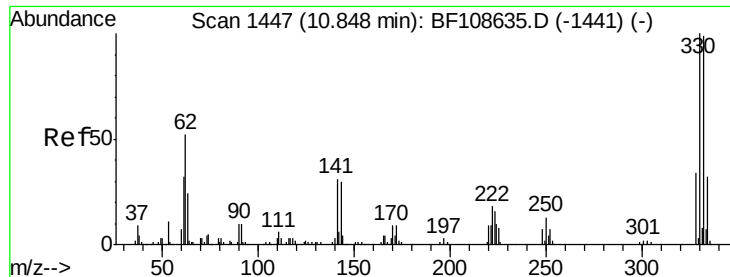
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

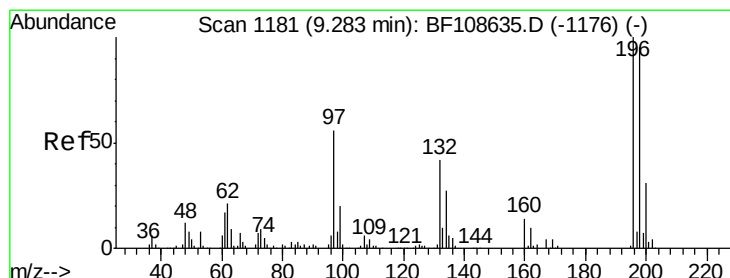
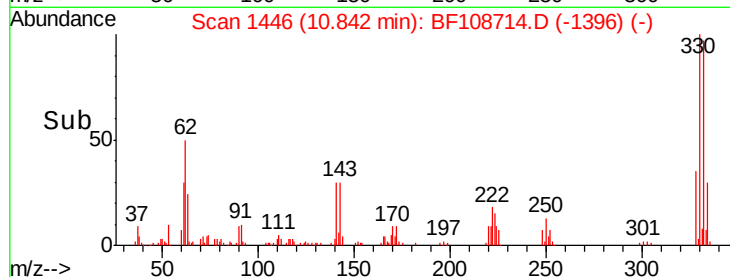
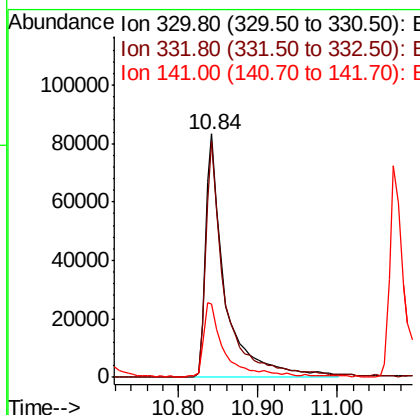
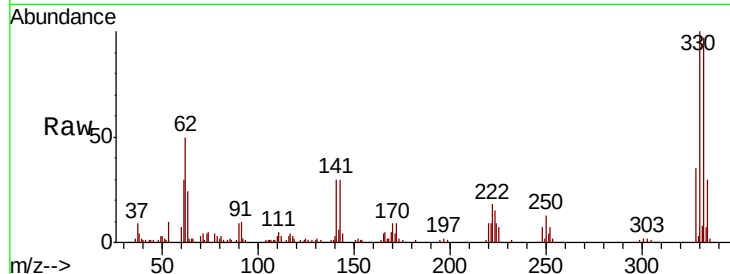




#41
 2,4,6-Tribromophenol
 Concen: 90.791 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

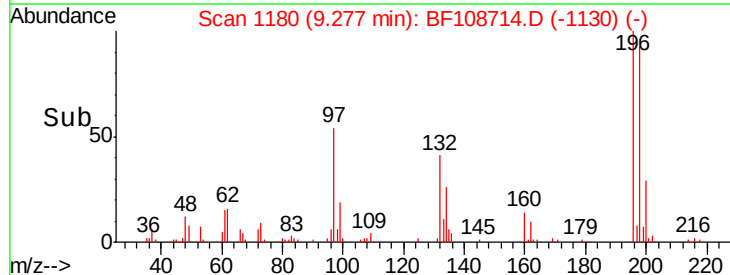
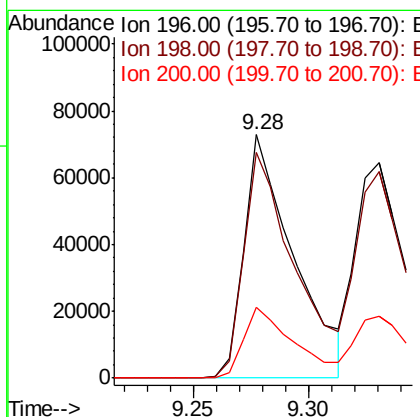
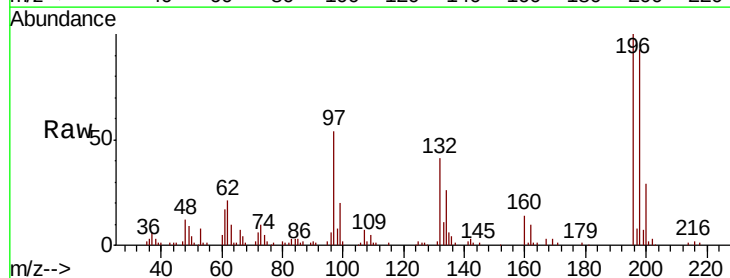
Instrument :
 BNA_F
 ClientSampleId :

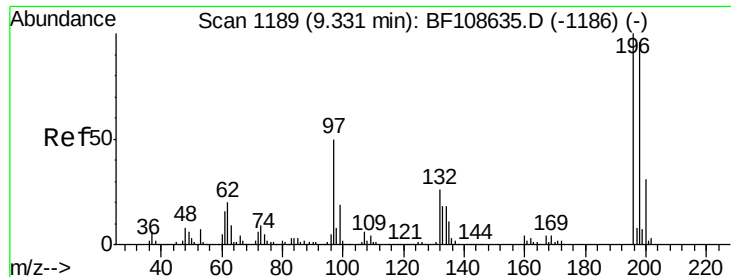
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.165 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.7	113.5
200	29.0	24.5	36.7

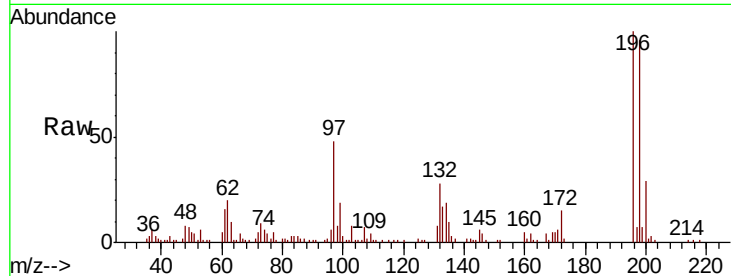




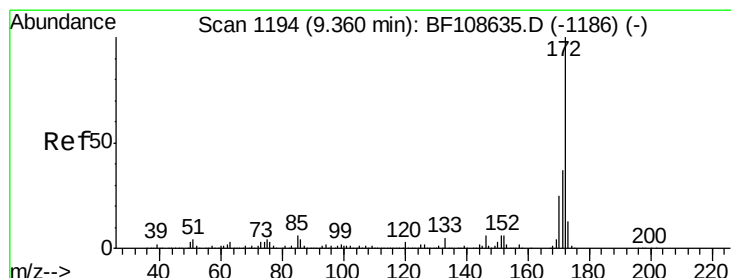
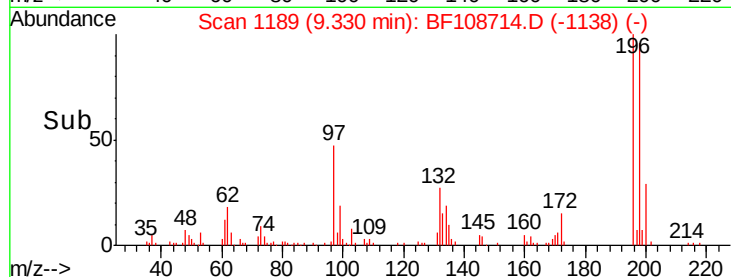
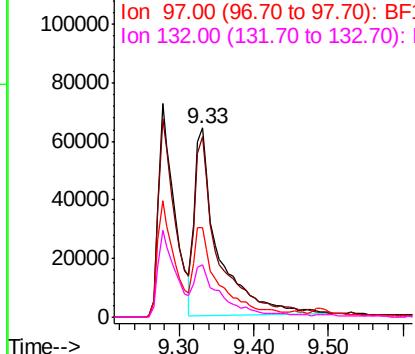
#43
 2,4,5-Trichlorophenol
 Concen: 48.473 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	141988
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	47.7	42.9	64.3
132	27.8	26.3	39.5

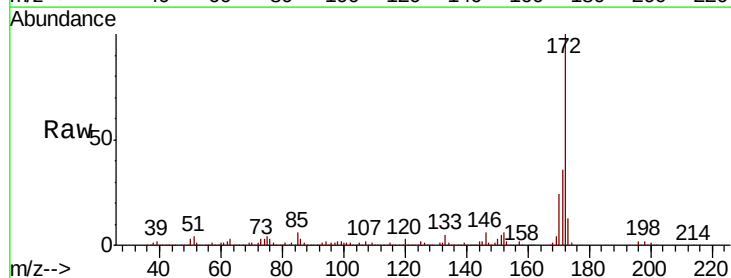


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

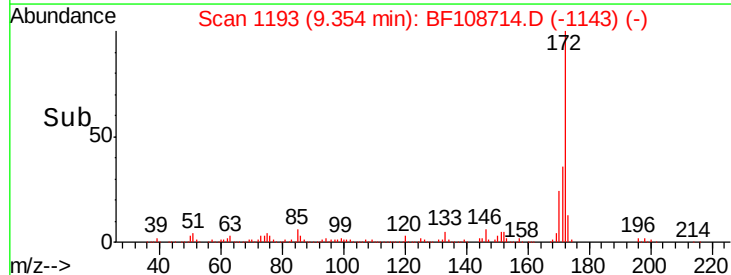
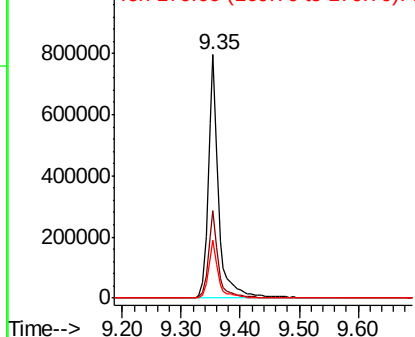


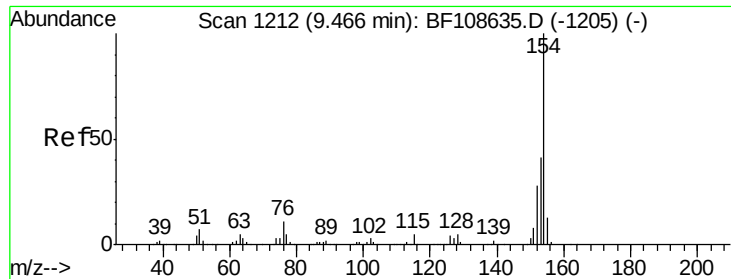
#44
 2-Fluorobiphenyl
 Concen: 108.711 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:	172	Resp:	966028
Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

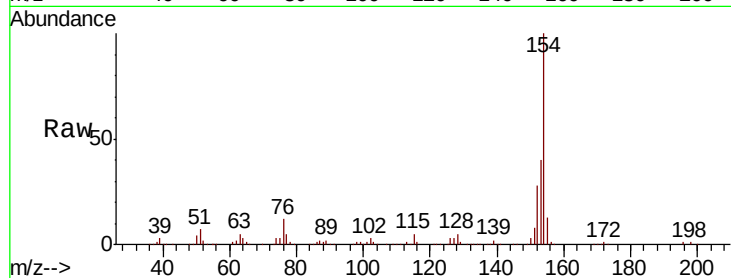




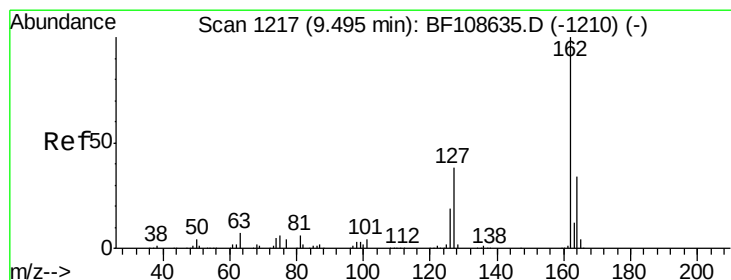
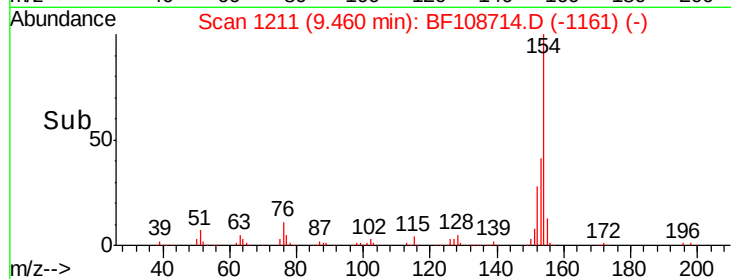
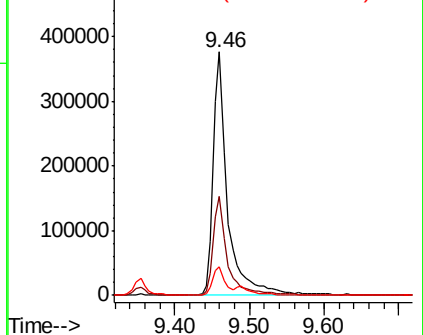
#45
 1,1'-Biphenyl
 Concen: 48.383 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 503266
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 11.5 0.0 34.0

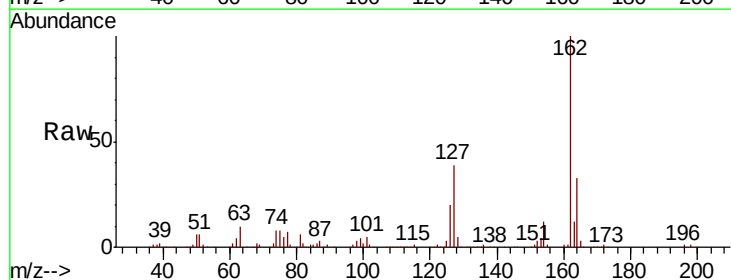


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

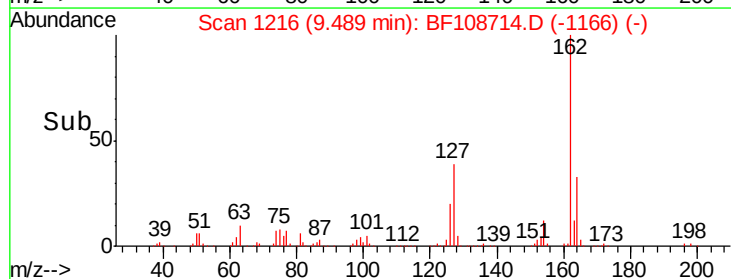
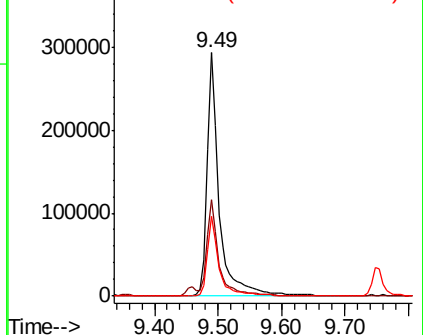


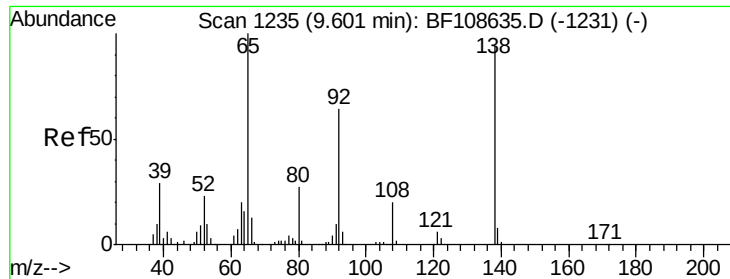
#46
 2-Chloronaphthalene
 Concen: 47.407 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:162 Resp: 386042
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.9 50.9
 164 32.7 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

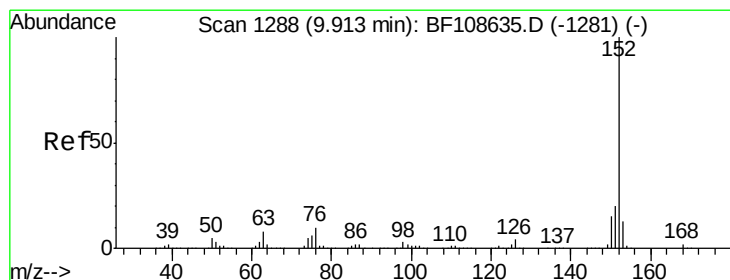
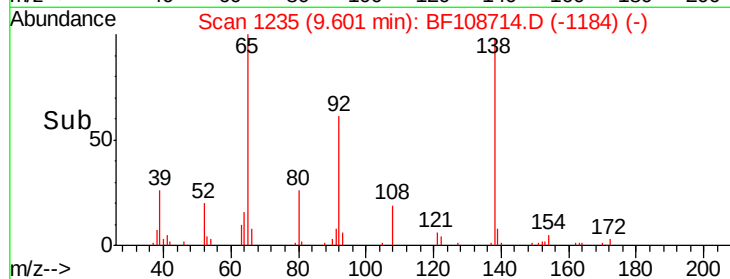
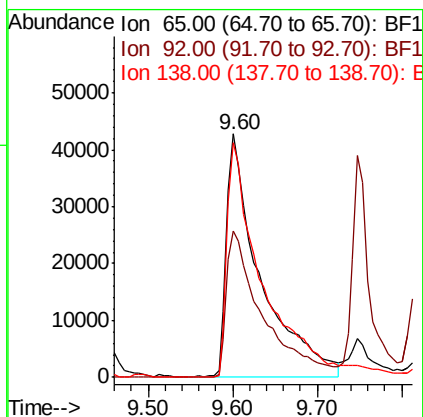
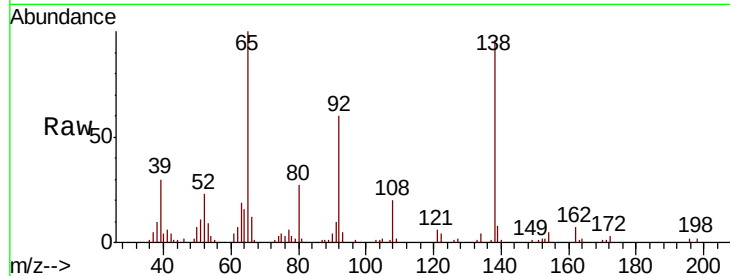




#47
2-Nitroaniline
Concen: 43.461 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

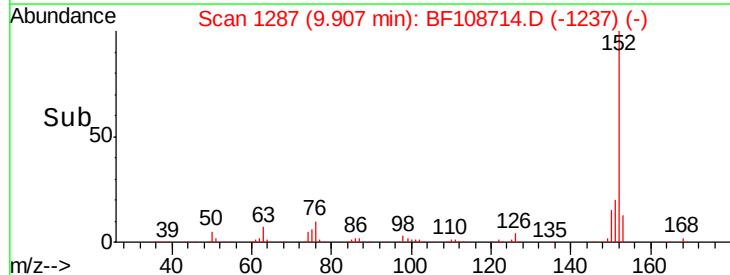
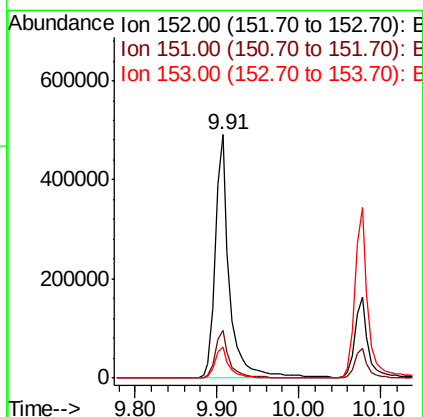
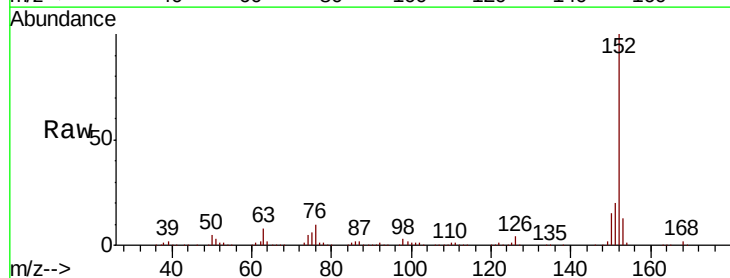
Instrument :
BNA_F
ClientSampleId :

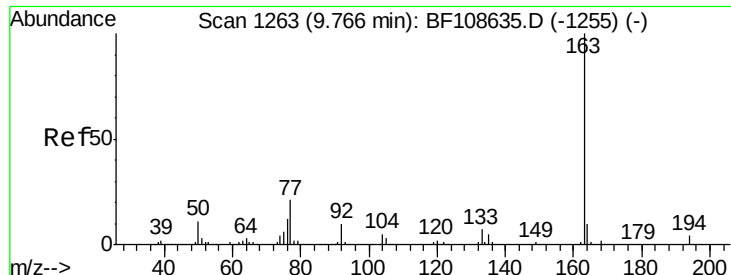
Tot Ion: 65 Resp: 118368
Ion Ratio Lower Upper
65 100
92 59.9 55.8 83.6
138 96.4 91.2 136.8



#48
Acenaphthylene
Concen: 49.732 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 152 Resp: 592896
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.0 10.7 16.1

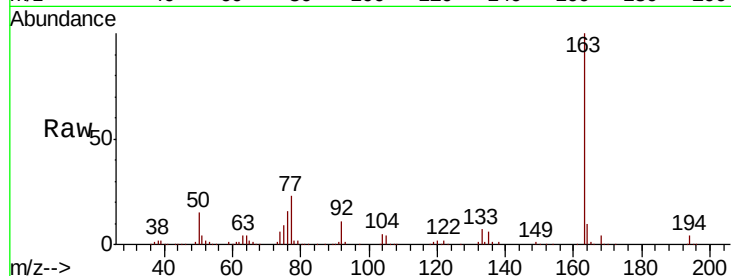




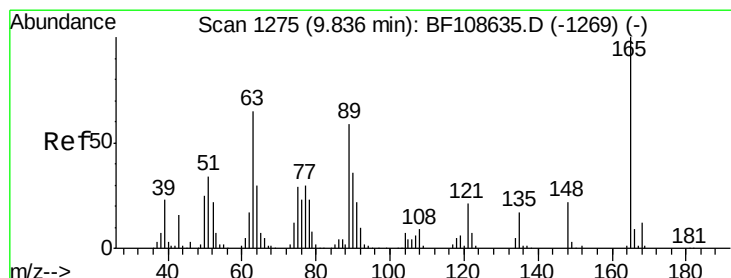
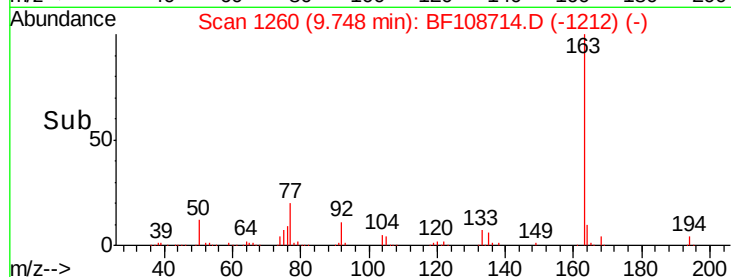
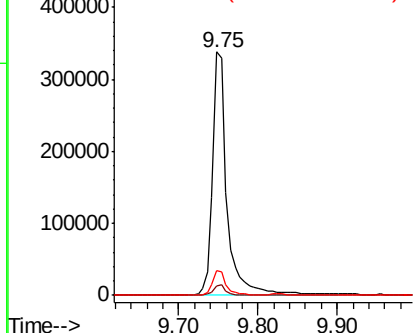
#49
 Dimethylphthalate
 Concen: 46.134 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 434063
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 10.1 8.2 12.2

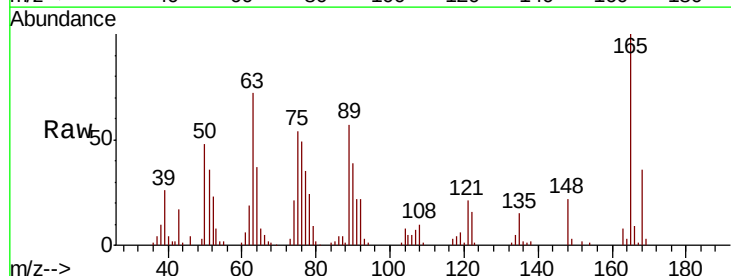


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

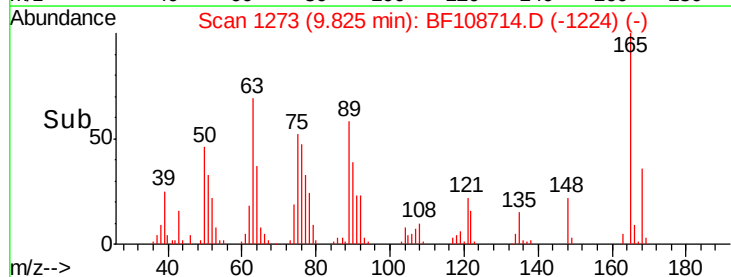
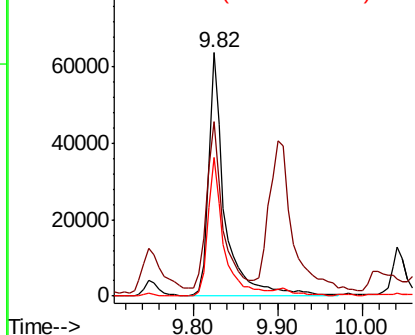


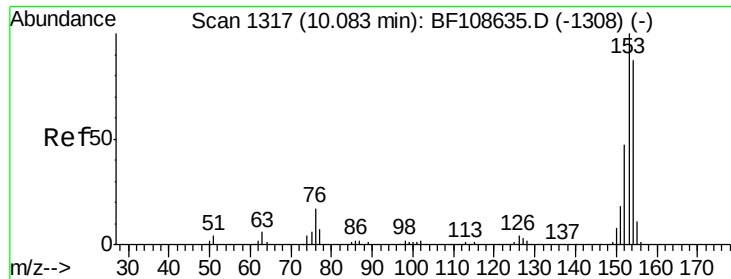
#50
 2,6-Dinitrotoluene
 Concen: 41.480 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:165 Resp: 86026
 Ion Ratio Lower Upper
 165 100
 63 71.5 44.7 67.1#
 89 57.2 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: 49.218 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

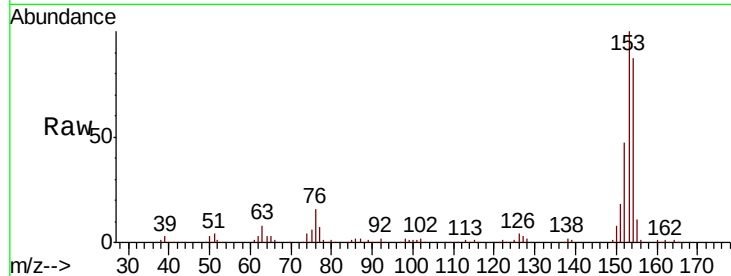
Tot Ion:154 Resp: 350834

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

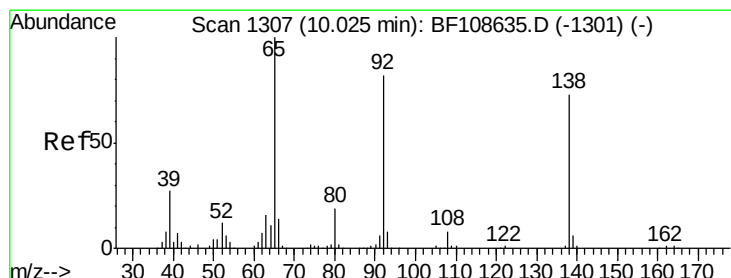
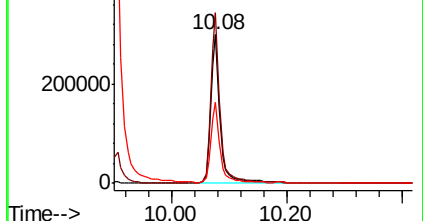
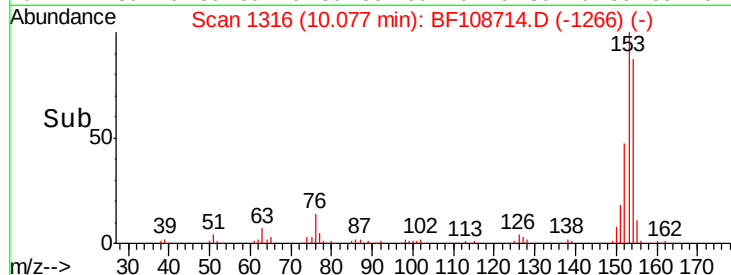
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.638 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

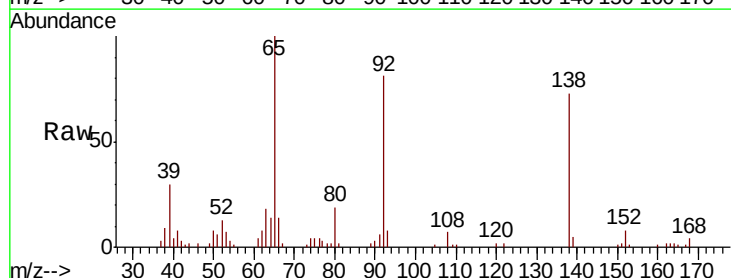
Tgt Ion:138 Resp: 86687

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

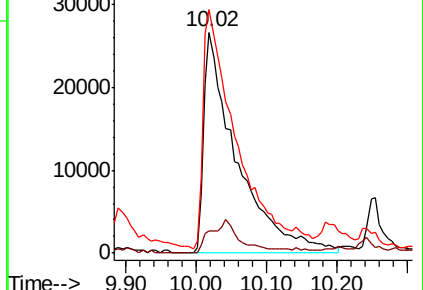
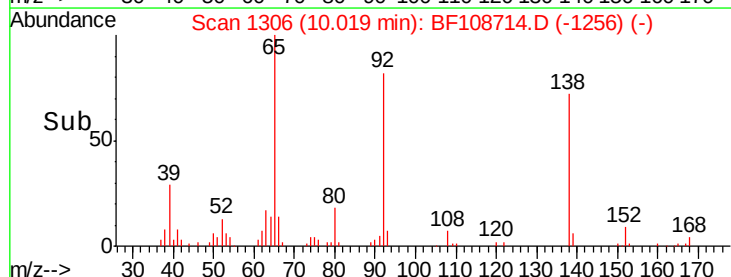
92 110.2 89.4 134.2

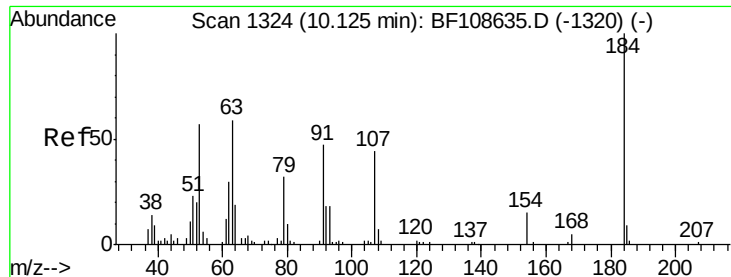


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

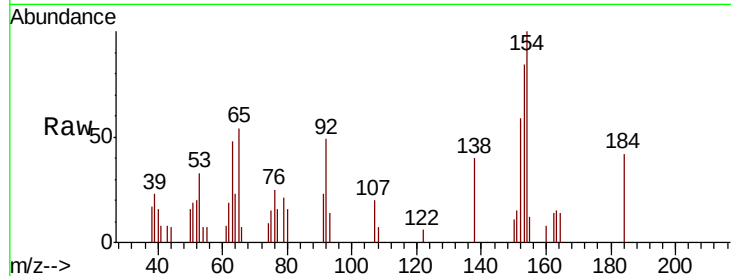




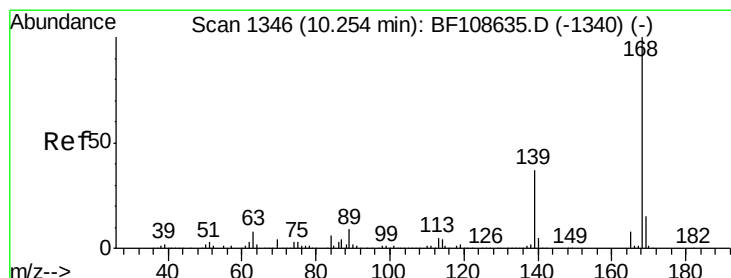
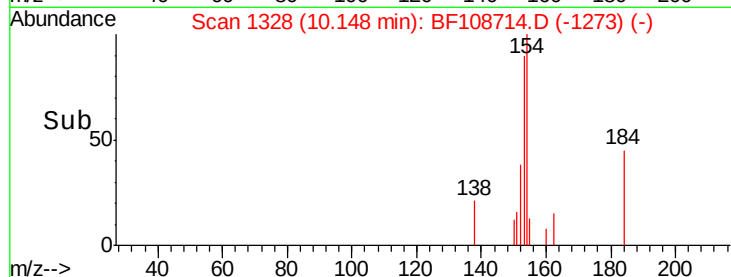
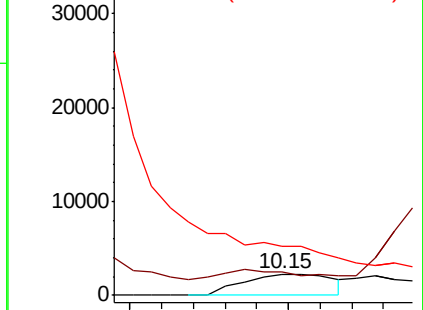
#53
2,4-Dinitrophenol
Concen: 6.307 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 4448
Ion Ratio Lower Upper
184 100
63 115.0 54.2 81.2#
154 237.1 184.0 276.0

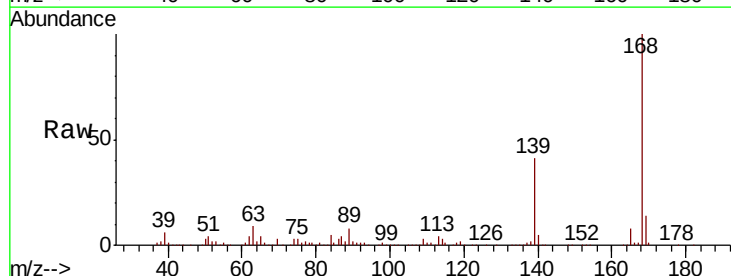


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

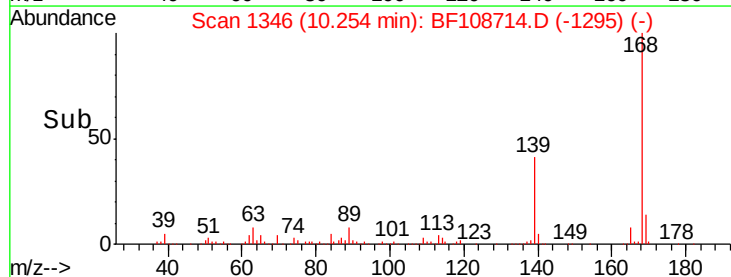
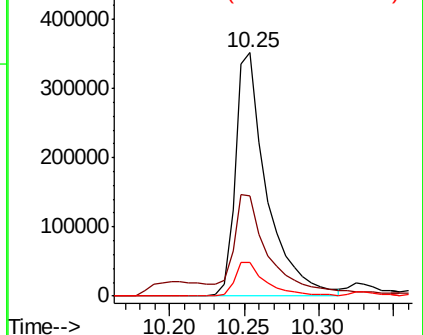


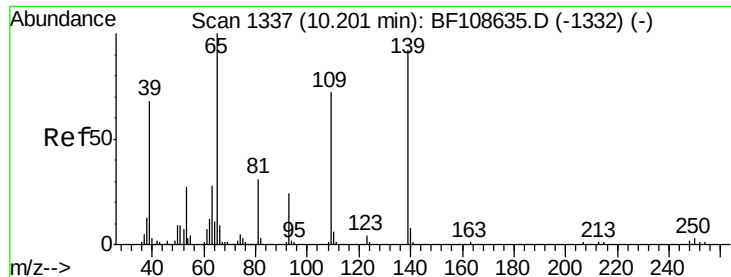
#54
Dibenzofuran
Concen: 46.244 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:168 Resp: 515800
Ion Ratio Lower Upper
168 100
139 40.9 30.1 45.1
169 13.8 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

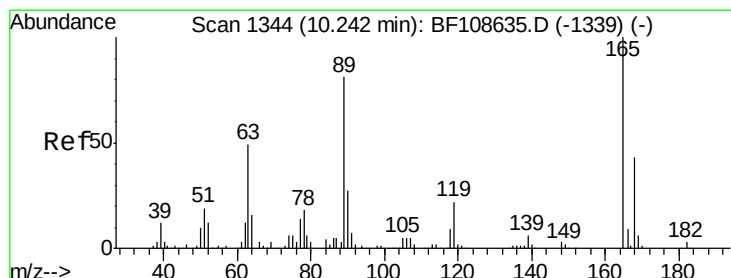
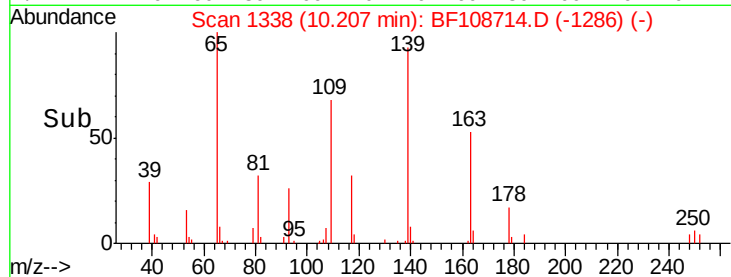
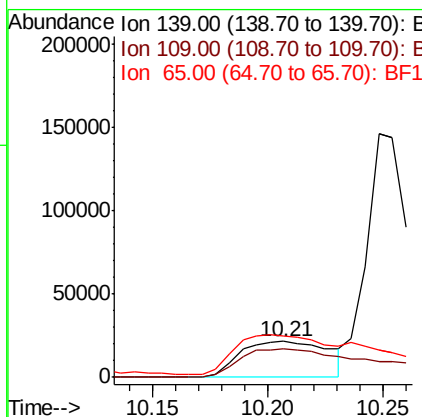
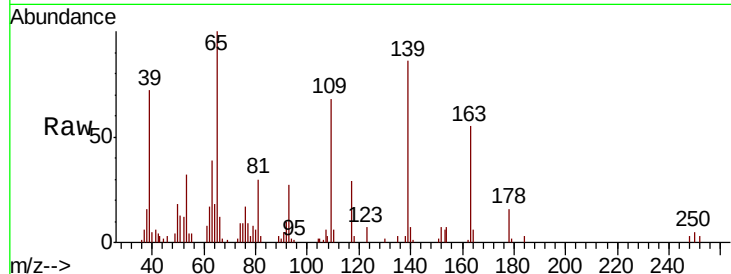




#55
4-Nitrophenol
Concen: 42.408 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

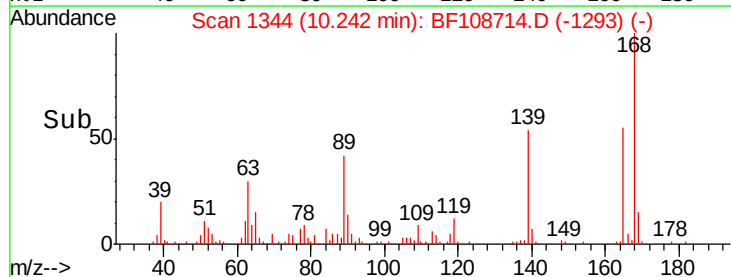
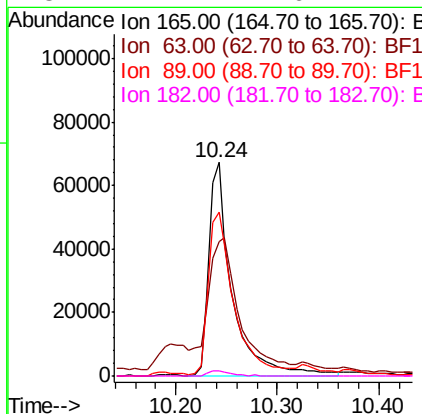
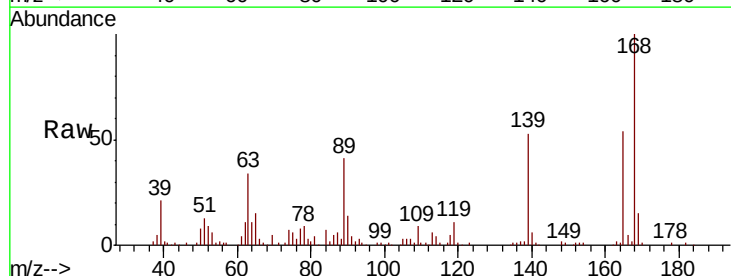
Instrument :
BNA_F
ClientSampled :

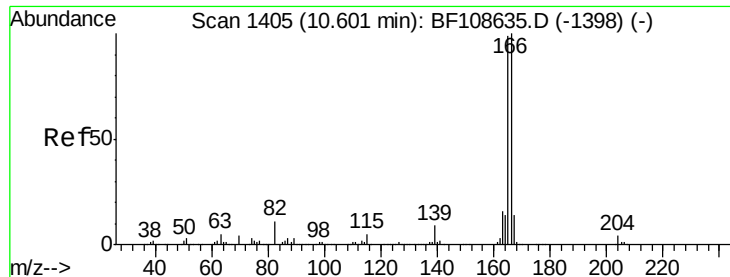
Tot Ion	Ratio	Lower	Upper
139	100		
109	78.9	48.4	88.4
65	115.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 39.168 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.0	36.4	54.6
89	76.7	57.8	86.6
182	2.7	1.6	2.4

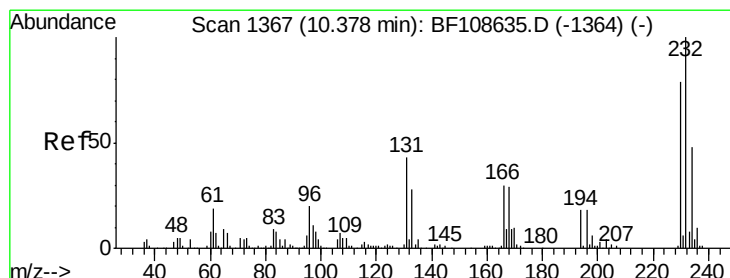
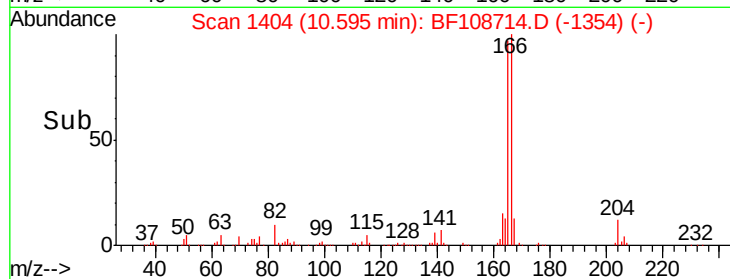
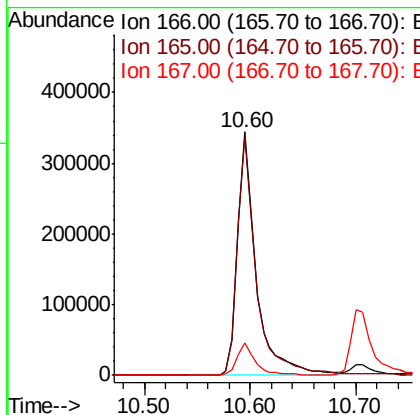
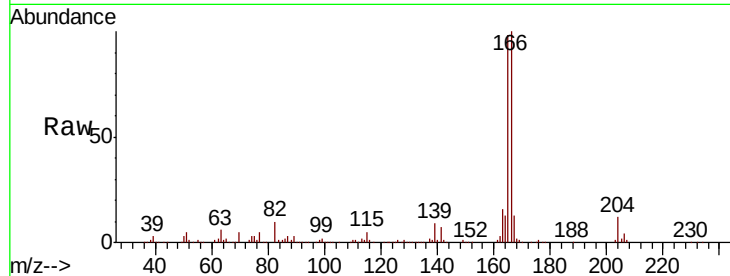




#57
 Fluorene
 Concen: 48.568 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

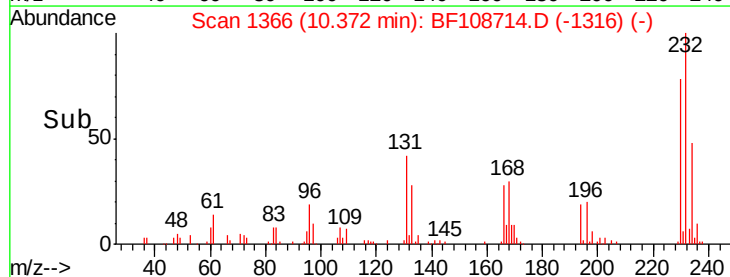
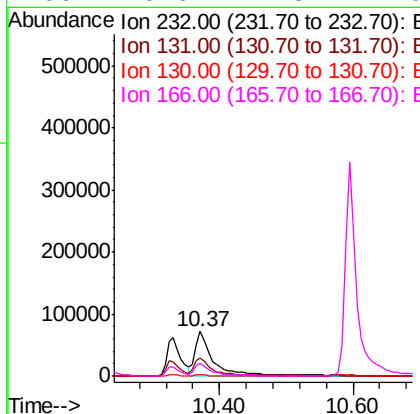
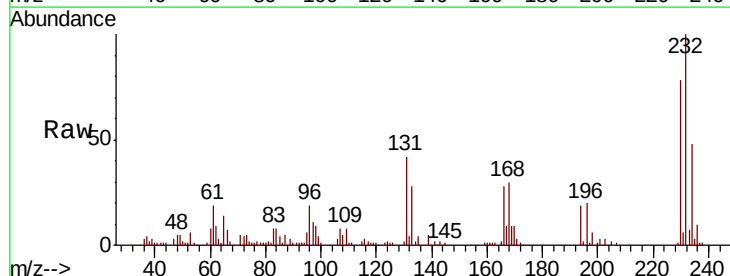
Instrument :
 BNA_F
 ClientSampleId :

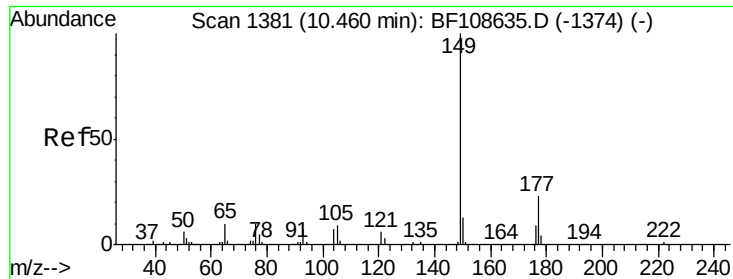
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.545 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.9	43.8	65.8#
130	2.1	2.1	3.1#
166	26.6	27.8	41.6#

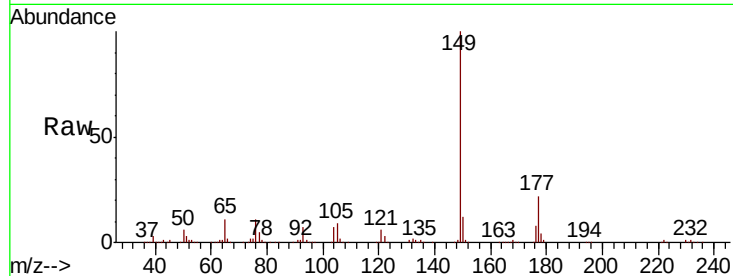




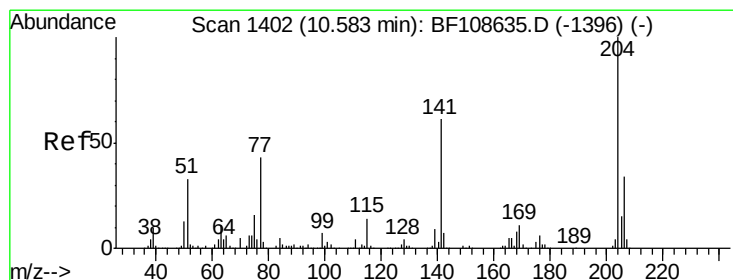
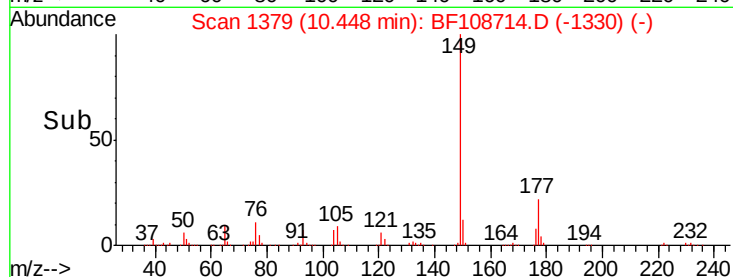
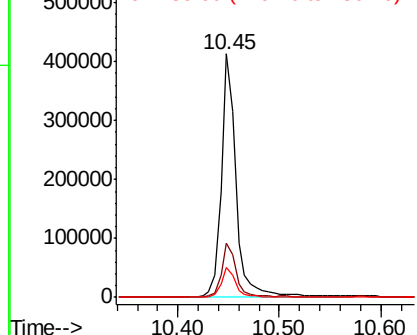
#59
Diethylphthalate
Concen: 44.365 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 420538
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.4 10.1 15.1

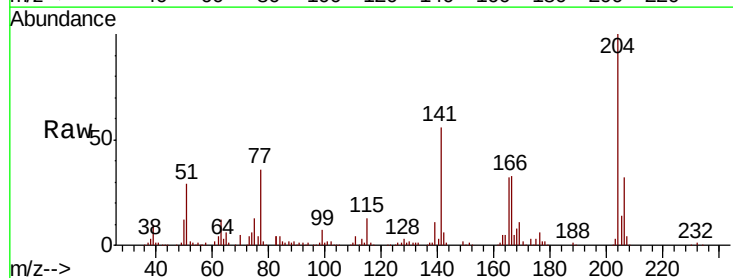


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

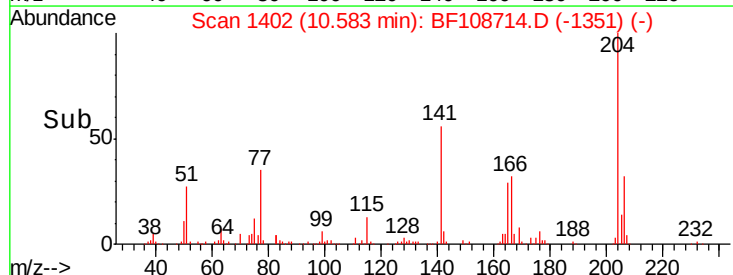
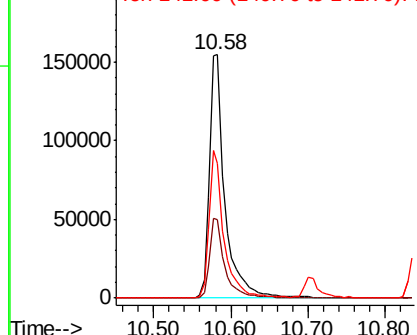


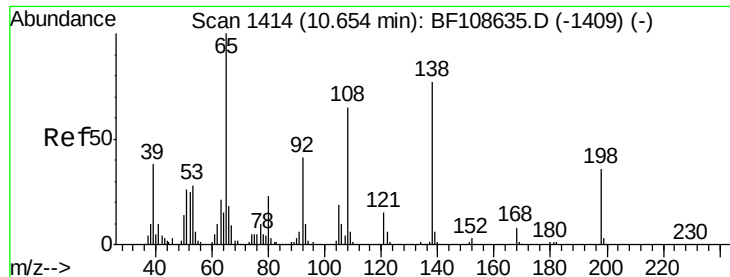
#60
4-Chlorophenyl-phenylether
Concen: 43.563 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:204 Resp: 213678
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 55.6 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

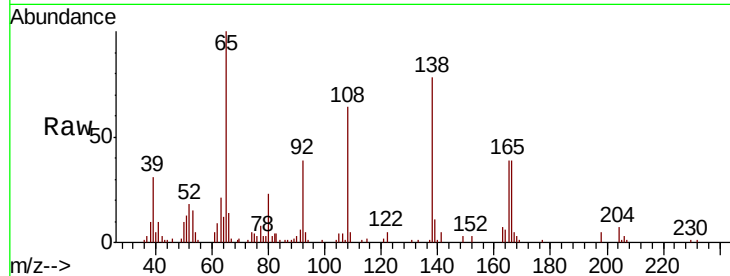




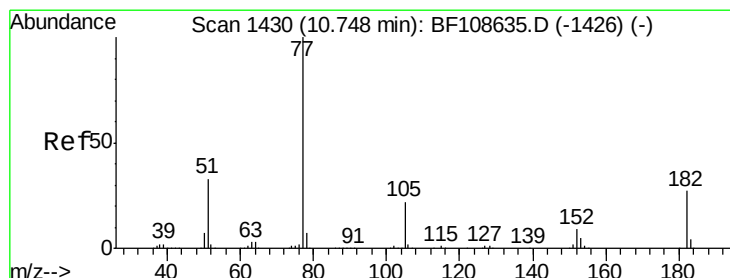
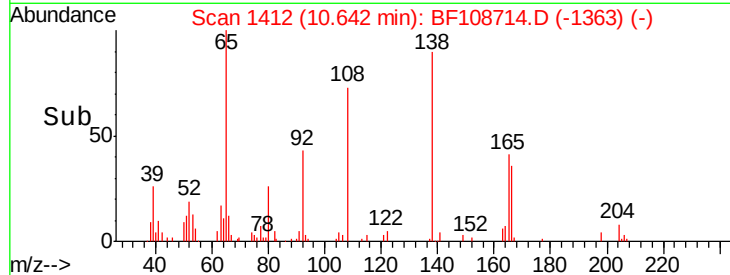
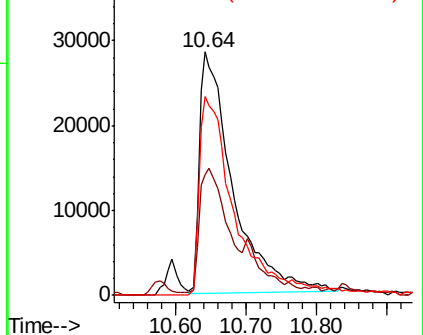
#61
4-Nitroaniline
Concen: 43.531 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 94506
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 81.5 52.5 92.5

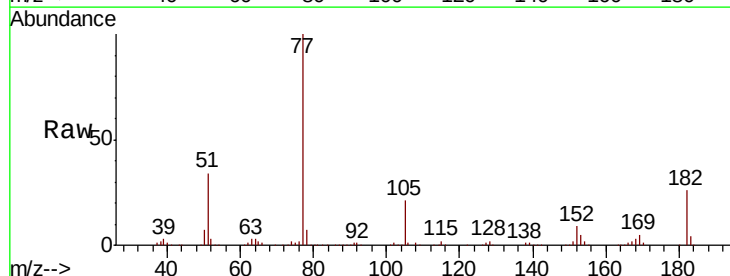


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

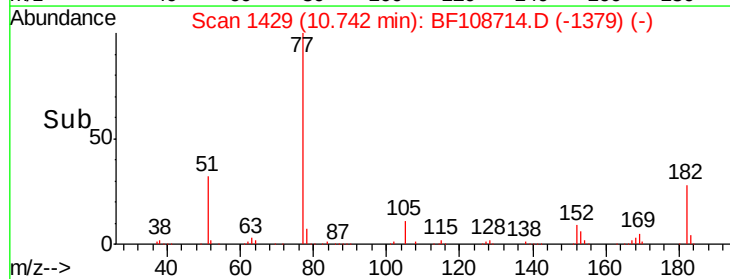
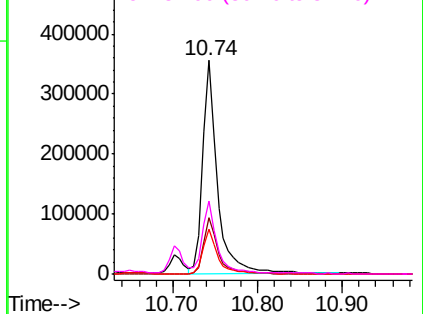


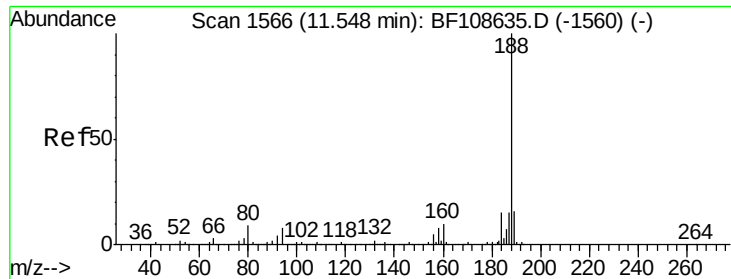
#62
Azobenzene
Concen: 45.331 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion: 77 Resp: 427101
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 20.8 3.0 43.0
51 34.0 9.9 49.9



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

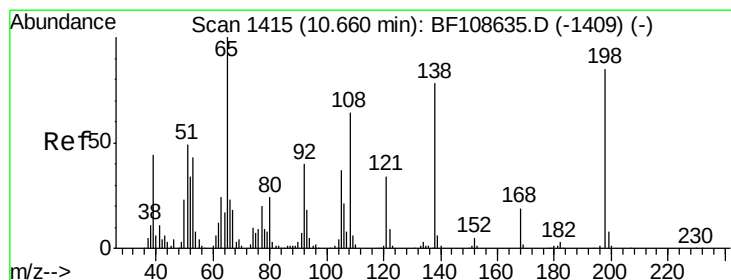
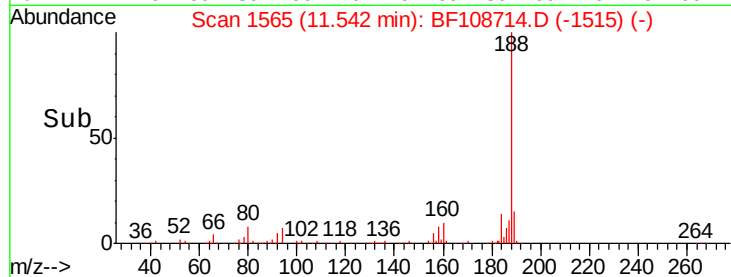
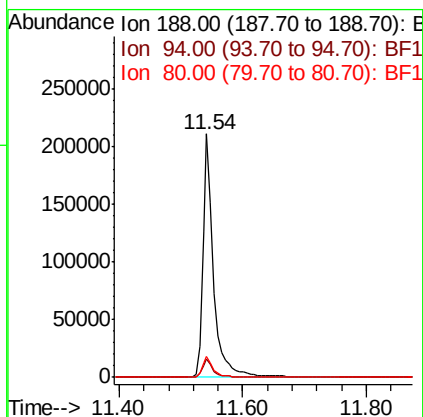
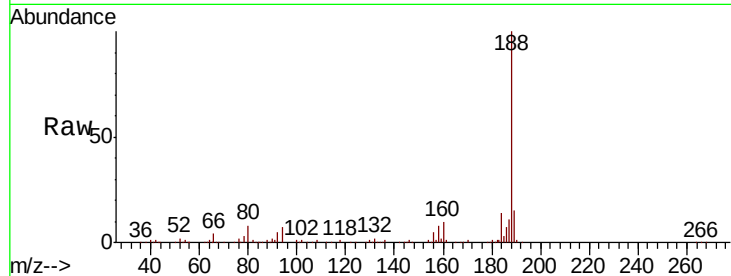




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

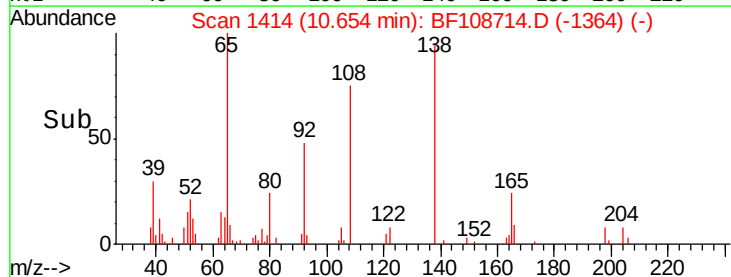
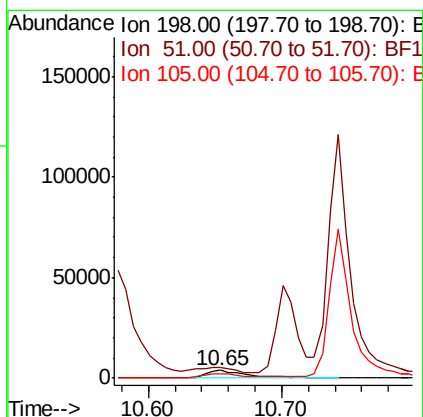
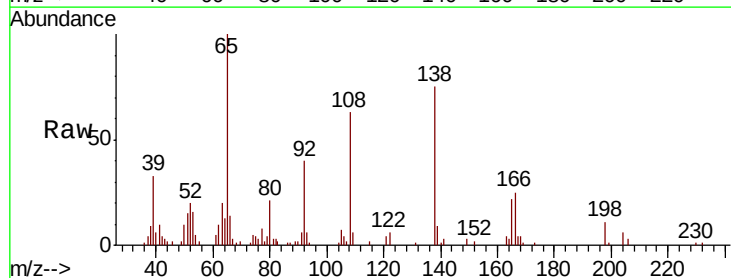
Instrument :
BNA_F
ClientSampleId :

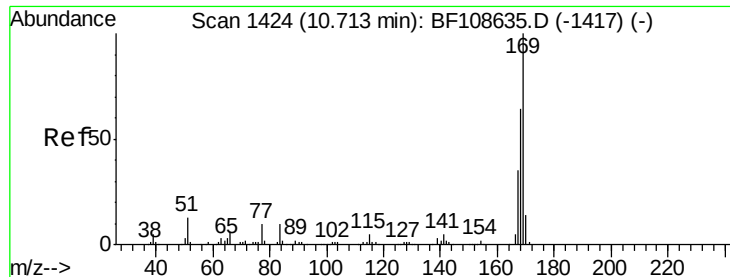
Tot Ion:188 Resp: 254687
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.3 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.620 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:198 Resp: 8611
Ion Ratio Lower Upper
198 100
51 137.0 37.7 77.7#
105 61.0 36.3 76.3

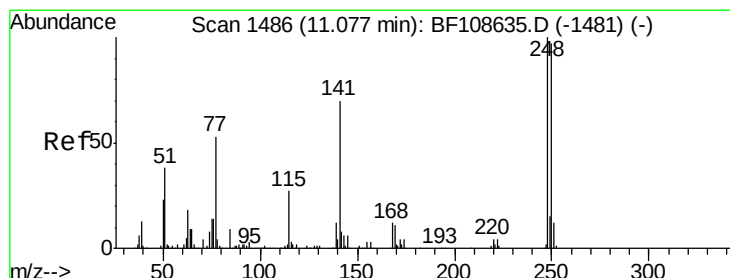
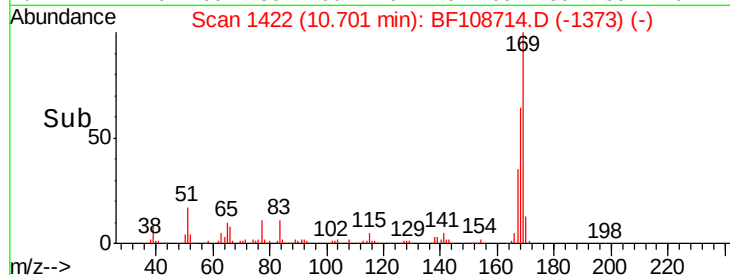
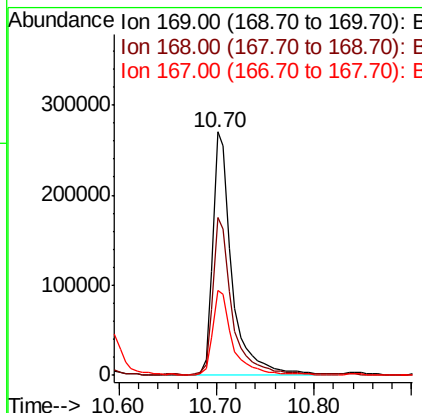
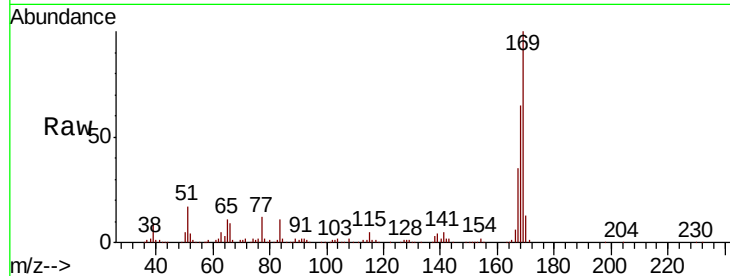




#65
 n-Nitrosodiphenylamine
 Concen: 44.099 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

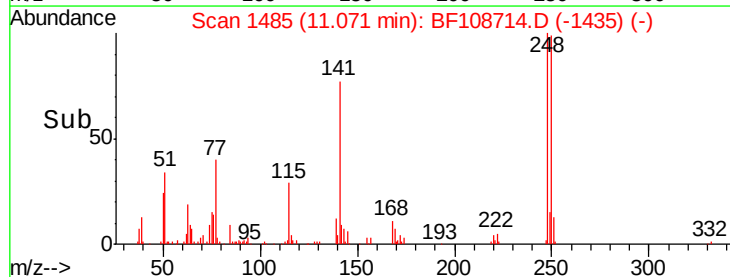
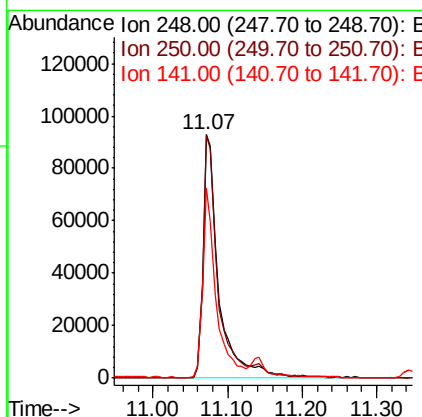
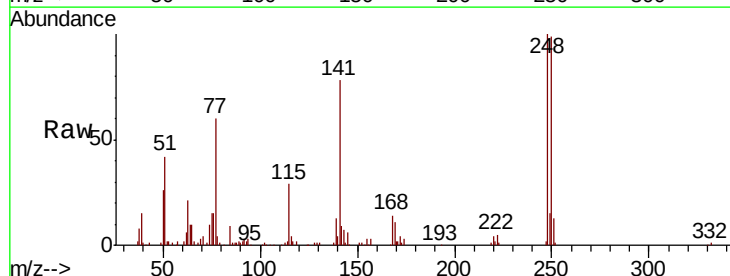
Instrument :
 BNA_F
 ClientSampleId :

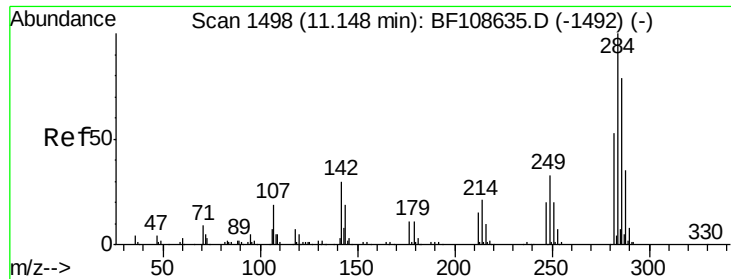
Tot Ion:169 Resp: 373147
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 34.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.446 ng
 RT: 11.07 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:248 Resp: 139125
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.9 115.3
 141 77.8 74.4 111.6





#67

Hexachlorobenzene

Concen: 43.786 ng

RT: 11.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

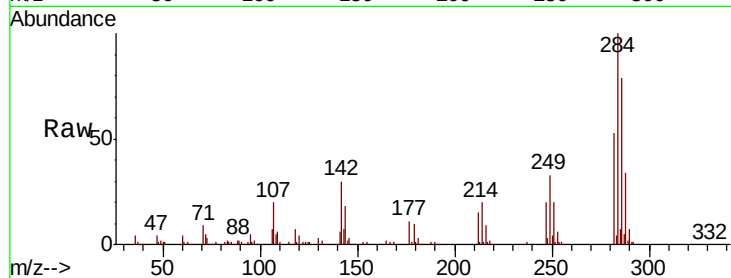
Tot Ion:284 Resp: 147659

Ion Ratio Lower Upper

284 100

142 29.7 34.6 52.0#

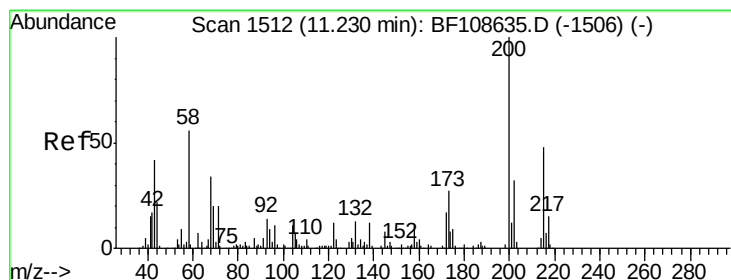
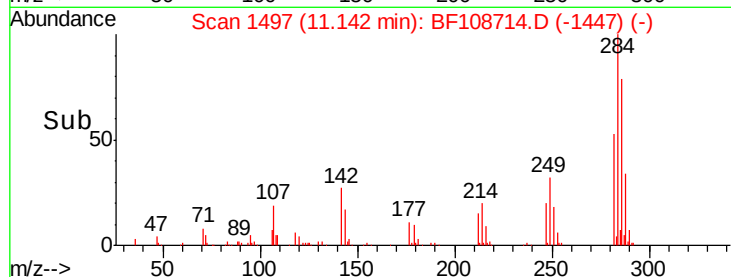
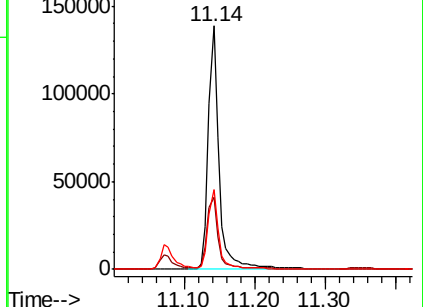
249 32.6 24.8 37.2



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: 43.782 ng

RT: 11.22 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

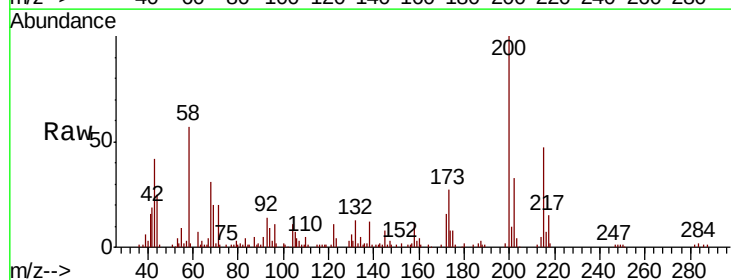
Tgt Ion:200 Resp: 103655

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

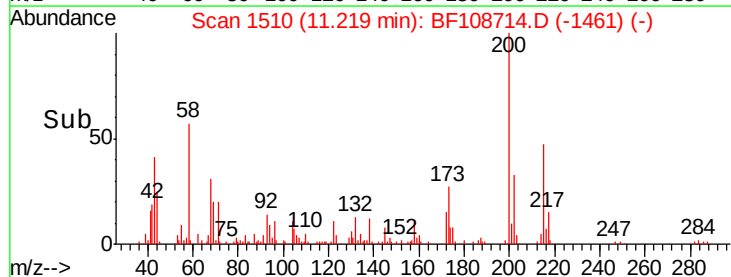
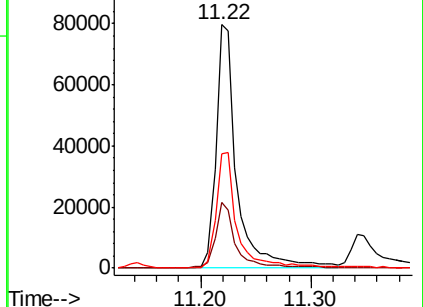
215 46.7 25.1 65.1

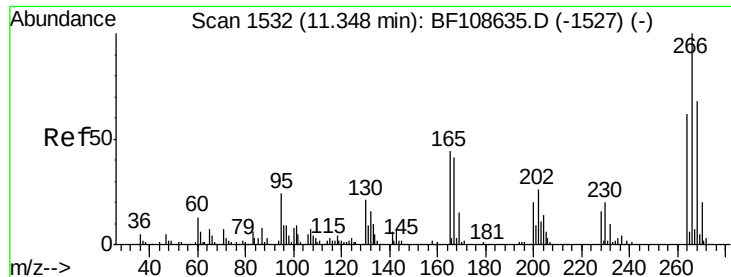


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

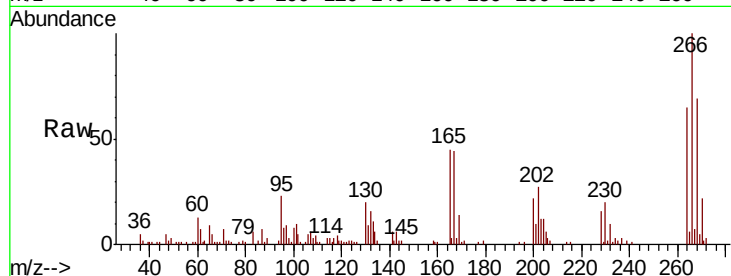




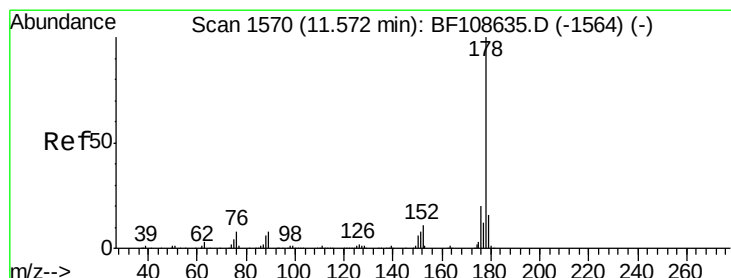
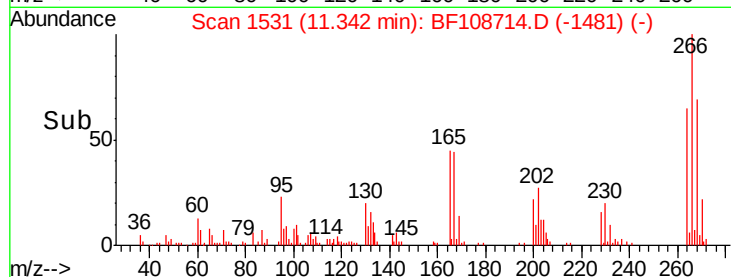
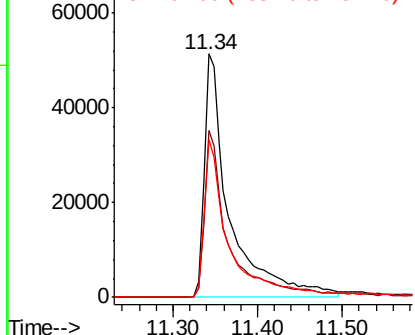
#69
 Pentachlorophenol
 Concen: 59.321 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 106300
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.1 76.7
 264 64.6 49.5 74.3

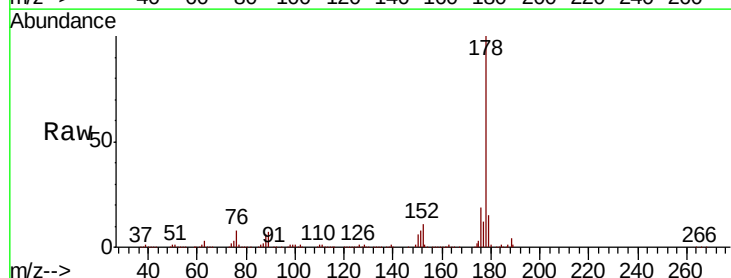


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

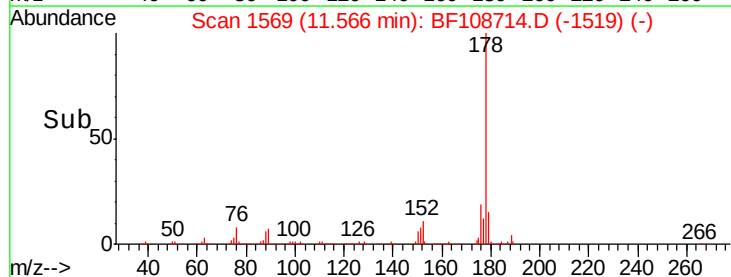
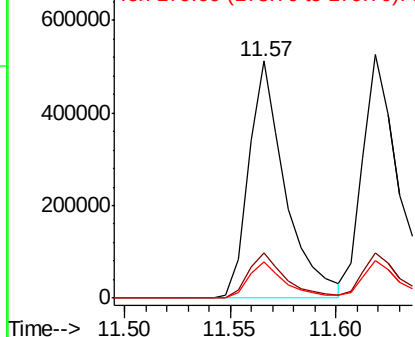


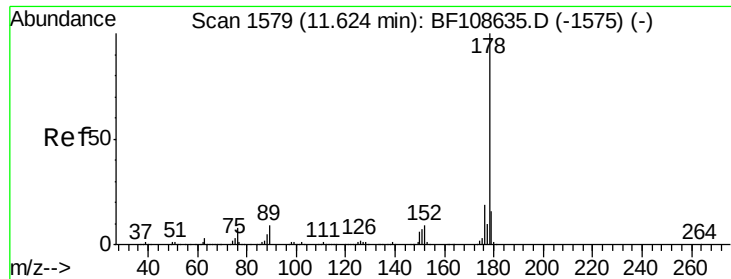
#70
 Phenanthrene
 Concen: 47.942 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:178 Resp: 616310
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 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

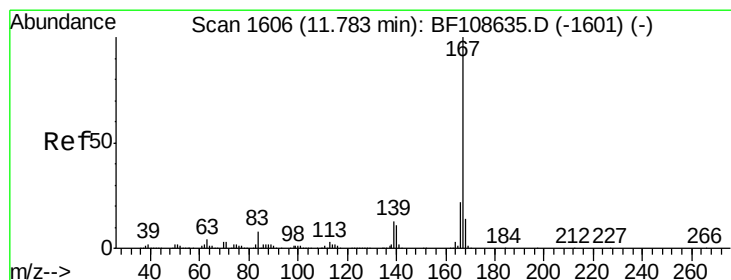
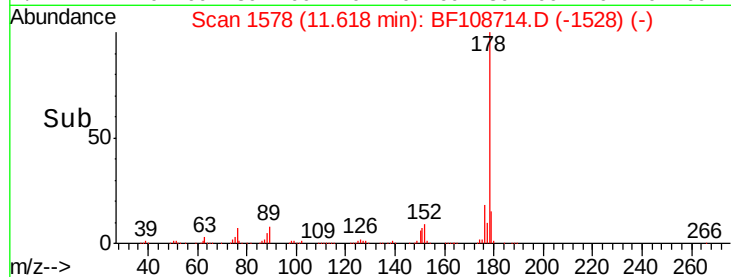
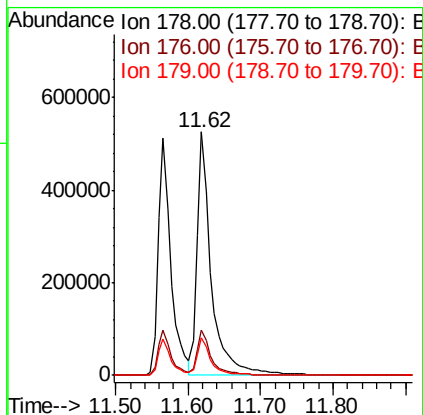
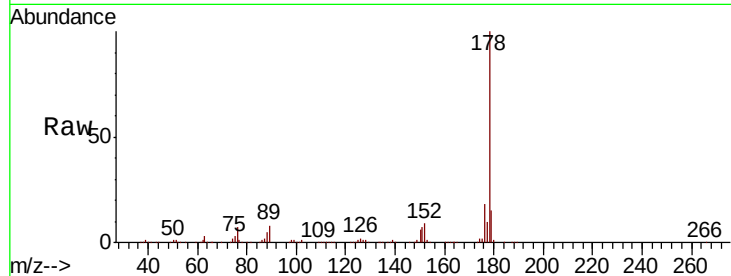




#71
 Anthracene
 Concen: 52.805 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

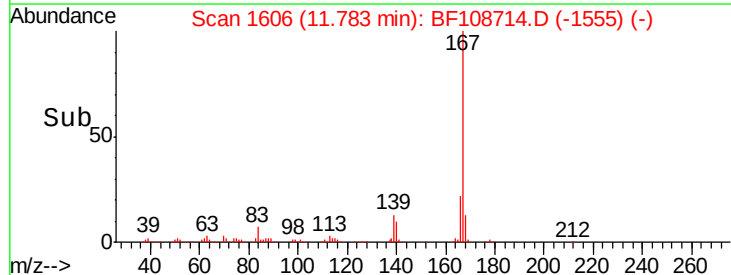
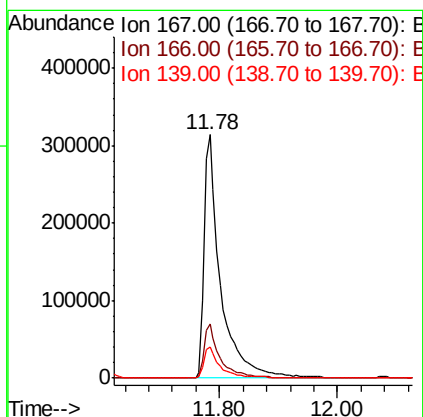
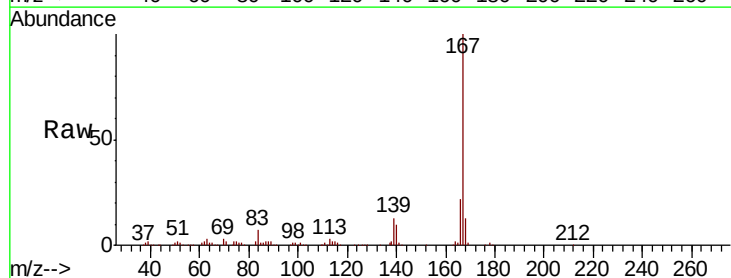
Instrument :
 BNA_F
 ClientSampleId :

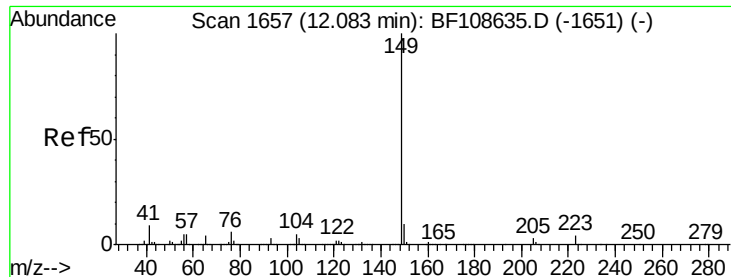
Tot Ion:178 Resp: 713265
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 46.442 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:167 Resp: 606578
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.613 ng

RT: 12.08 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

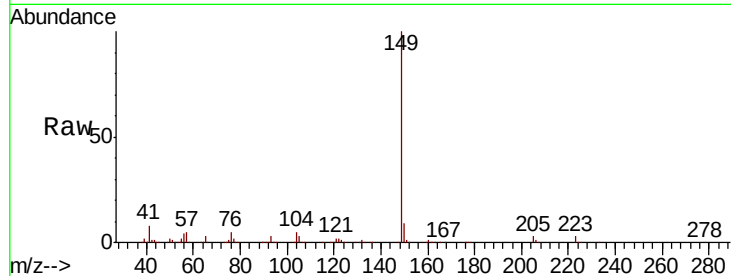
Tot Ion:149 Resp: 685420

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

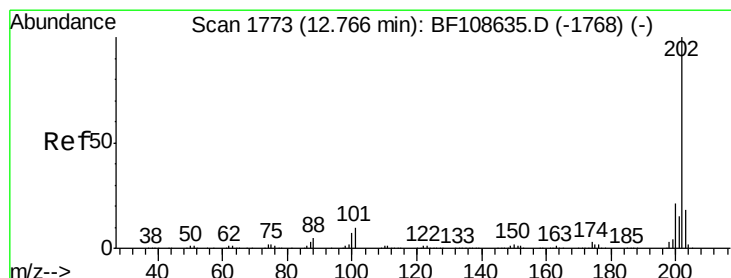
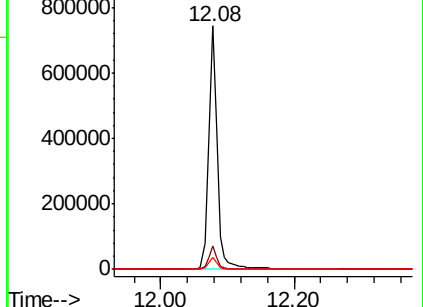
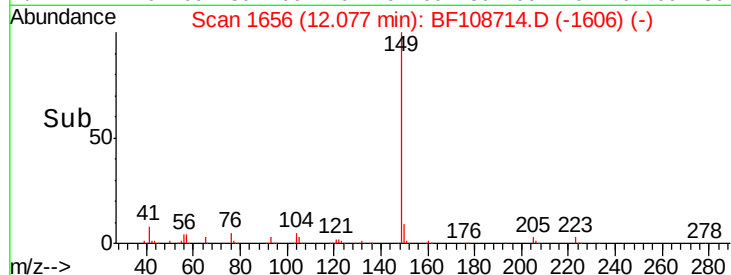
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.297 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

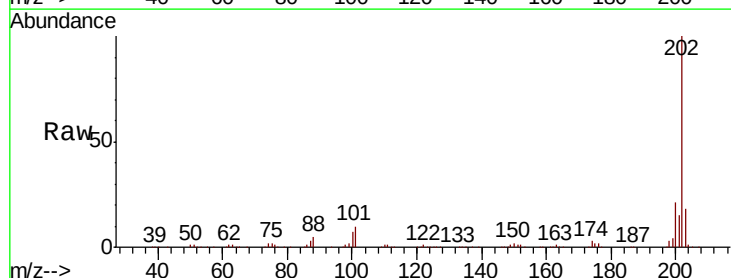
Tgt Ion:202 Resp: 785688

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

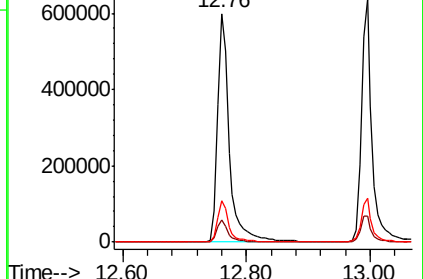
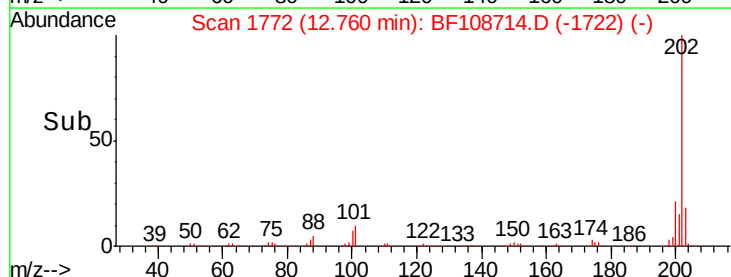
203 17.9 0.0 38.1

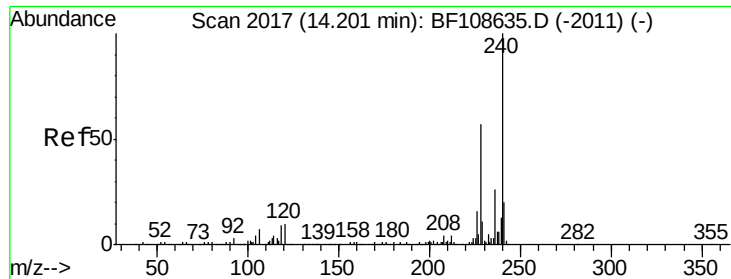


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

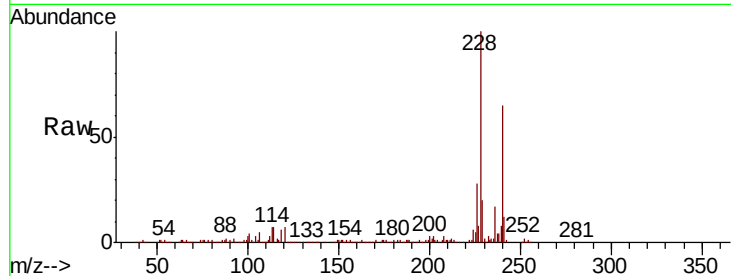
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 234910

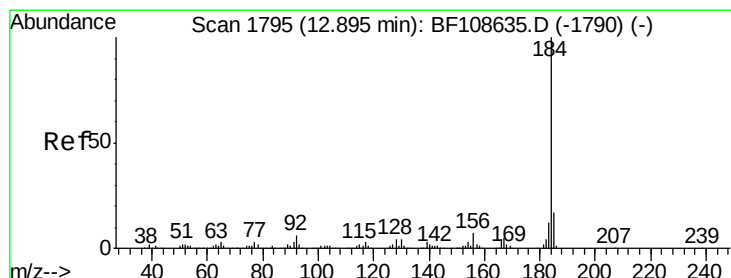
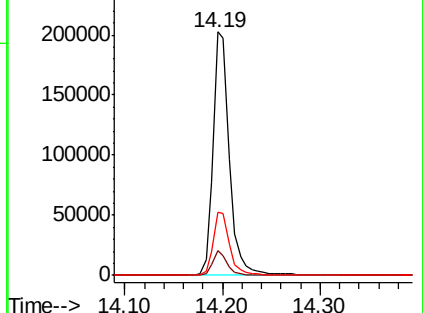
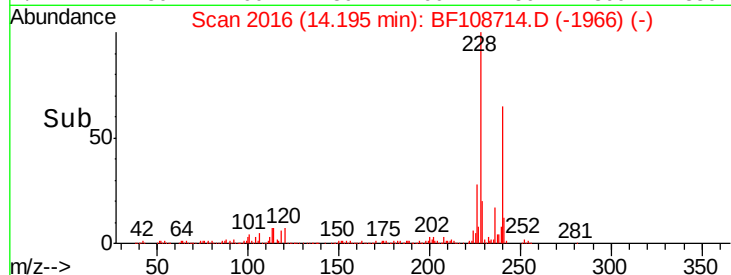
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.248 ng

RT: 12.89 min Scan# 1795

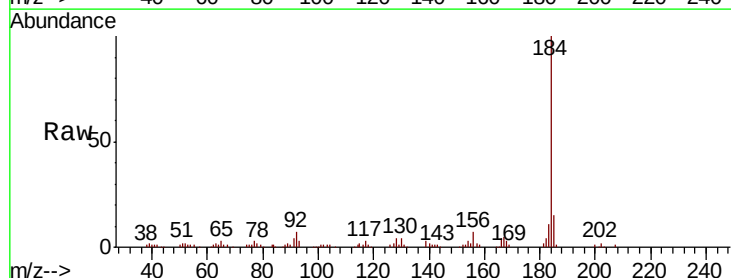
Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:184 Resp: 239684

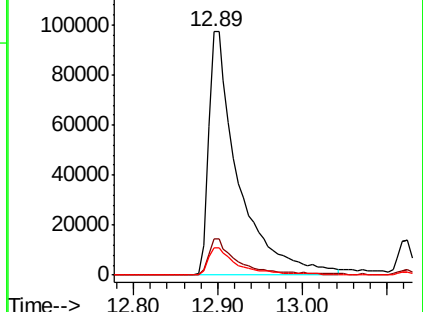
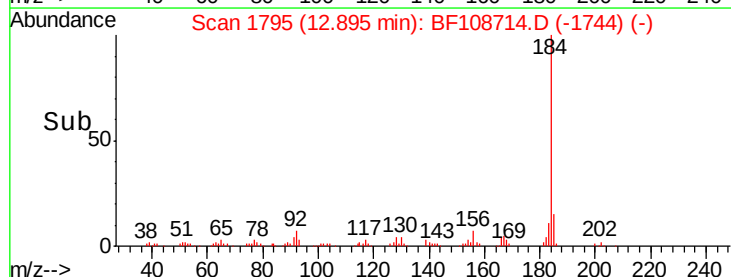
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.2	9.3	13.9

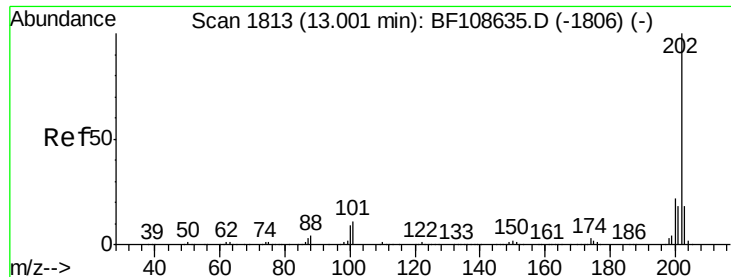


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

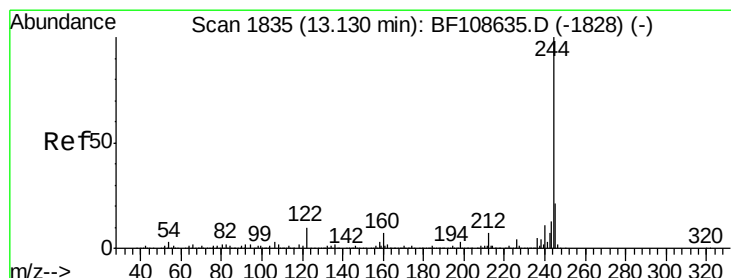
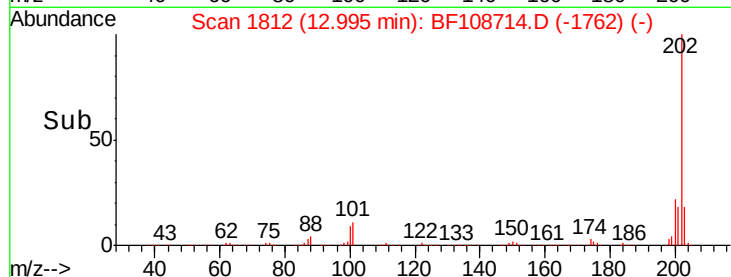
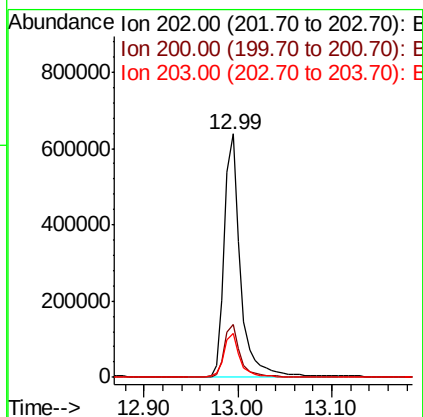
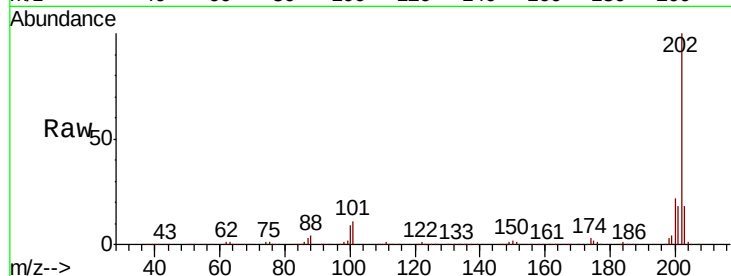




#77
Pvrene
Concen: 43.411 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

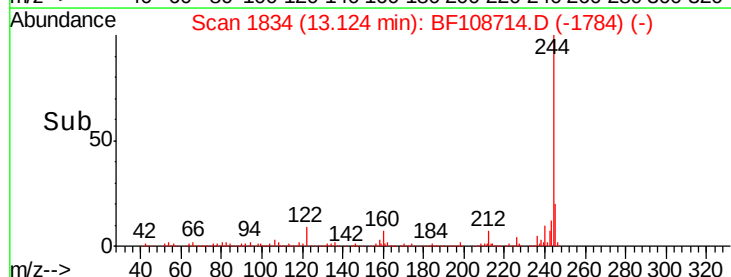
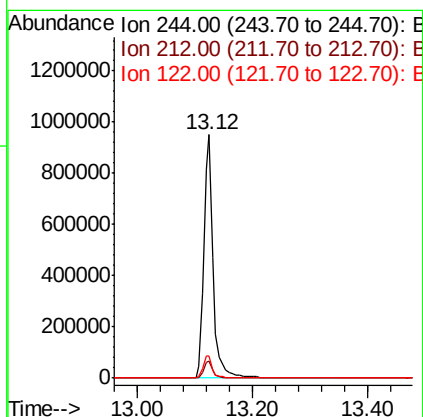
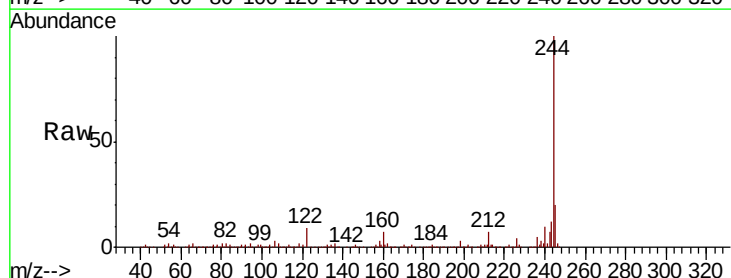
Instrument :
BNA_F
ClientSampleId :

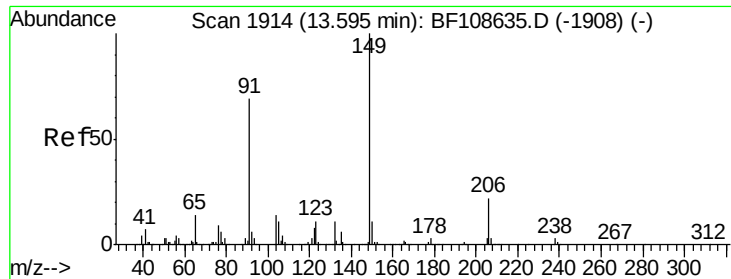
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.3	21.5



#78
Terphenyl-d14
Concen: 90.212 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4

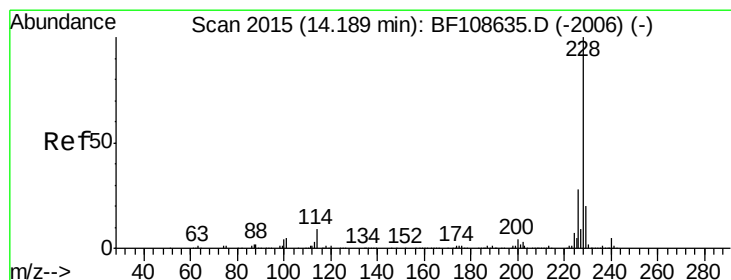
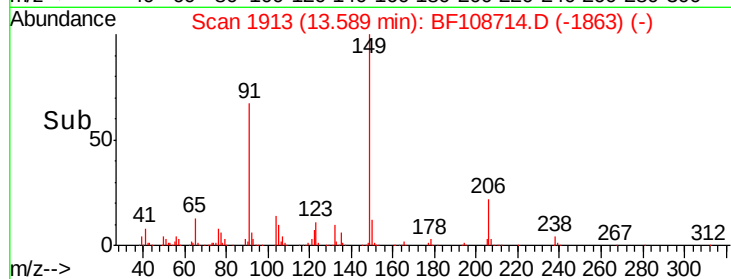
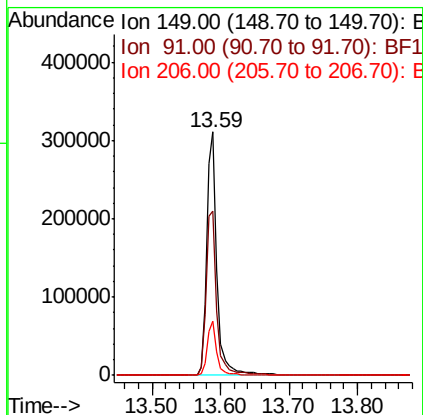
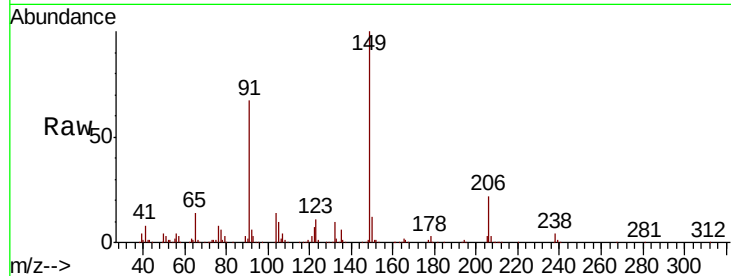




#79
Butylbenzylphthalate
Concen: 44.717 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

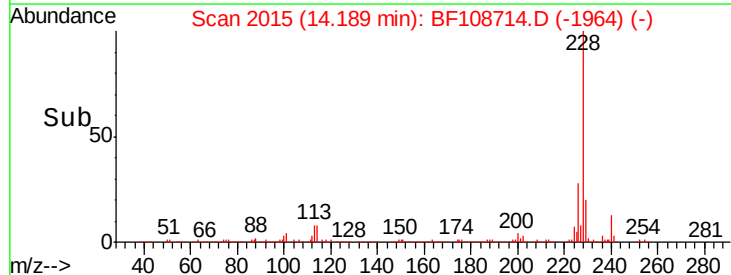
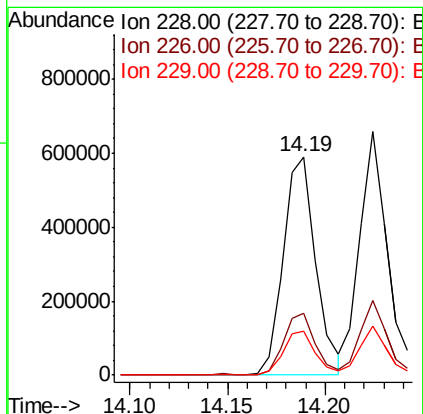
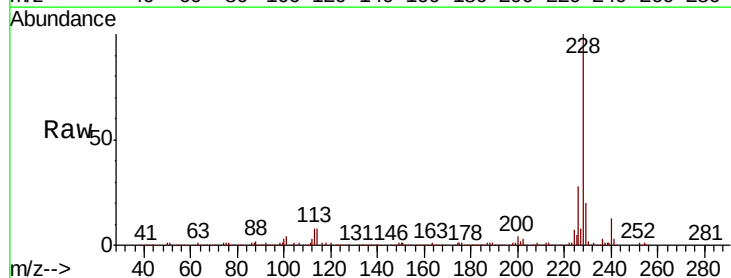
Instrument :
BNA_F
ClientSampleId :

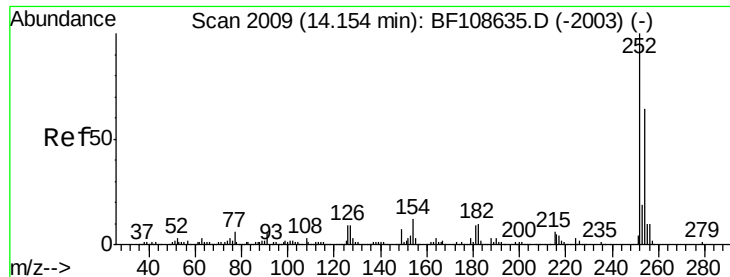
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.8	85.2
206	22.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 47.503 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.9	15.8	23.6

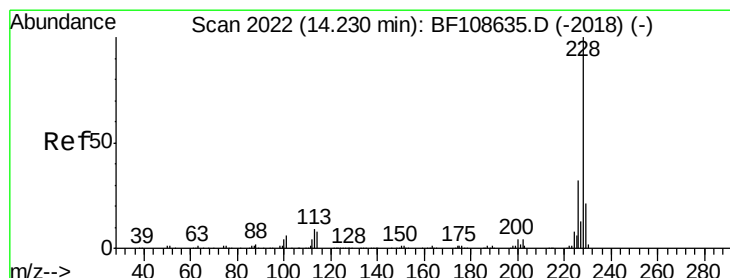
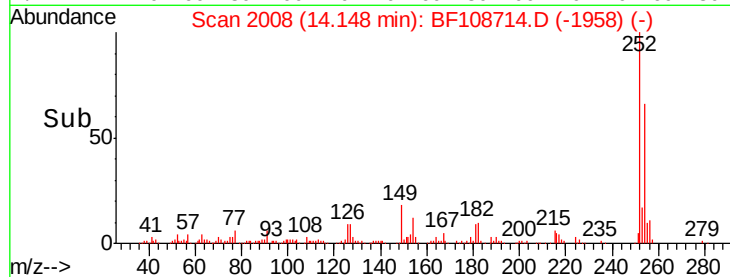
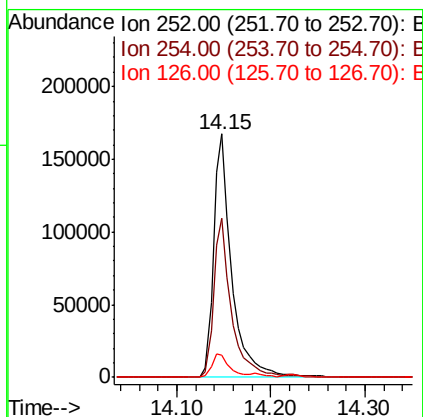
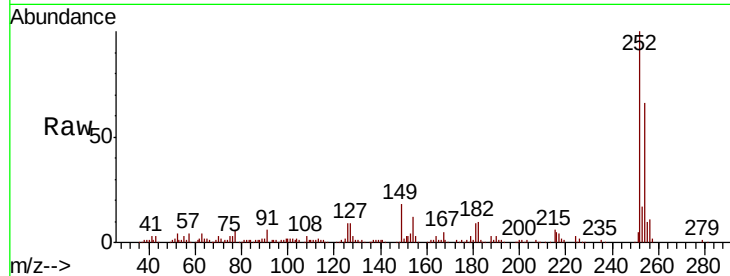




#81
 3,3'-Dichlorobenzidine
 Concen: 44.038 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

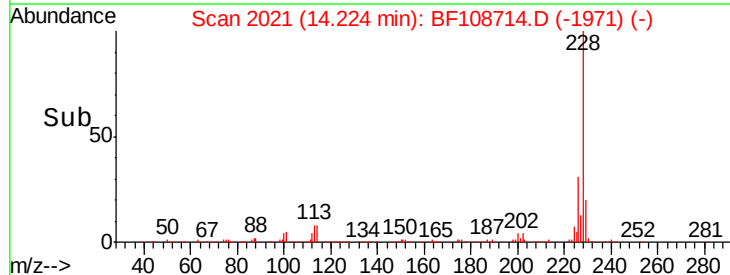
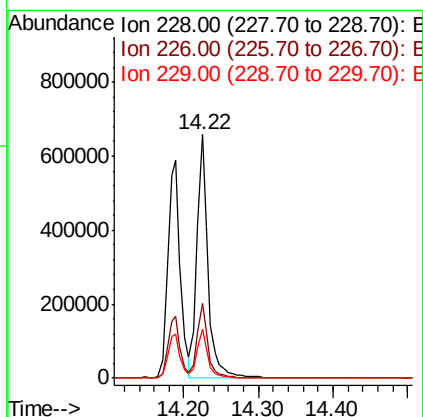
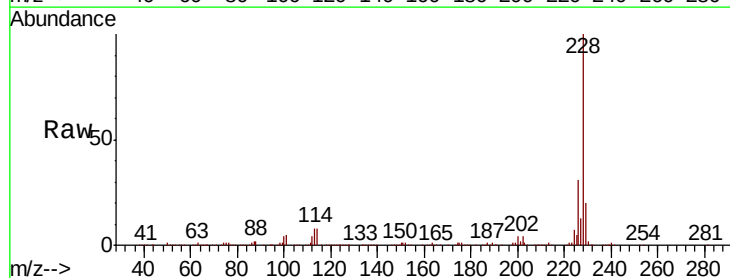
Instrument :
 BNA_F
 ClientSampleId :

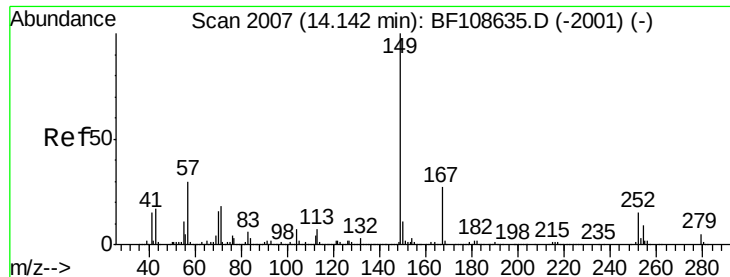
Tot Ion:252 Resp: 228709
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 8.9 11.3 16.9#



#82
 Chrysene
 Concen: 49.843 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:228 Resp: 686435
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.817 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

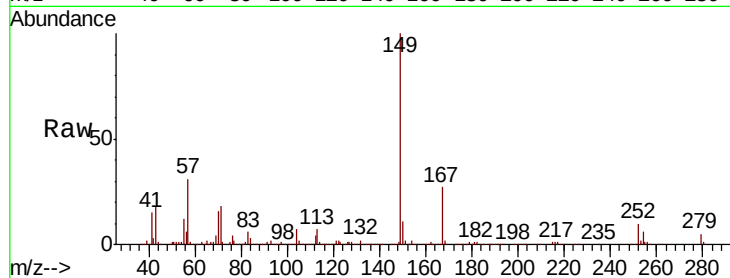
Tot Ion:149 Resp: 456385

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

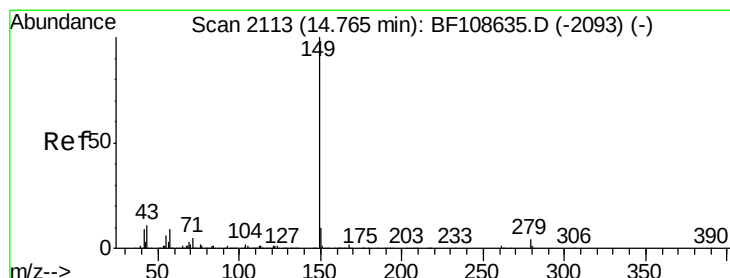
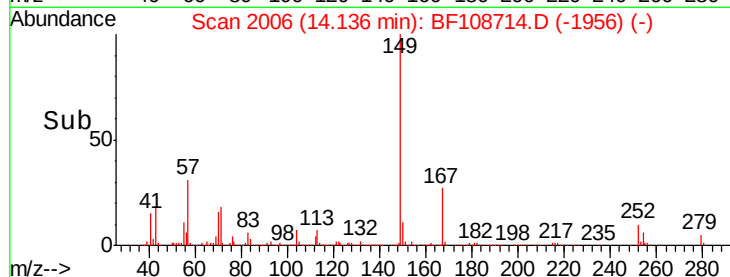
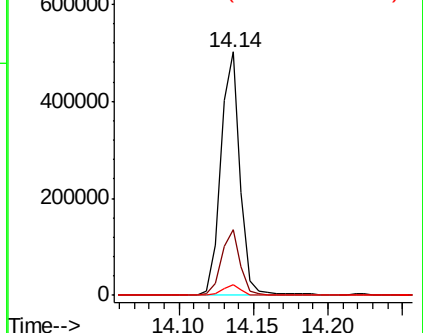
279 4.5 3.0 4.4#



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: 55.541 ng

RT: 14.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

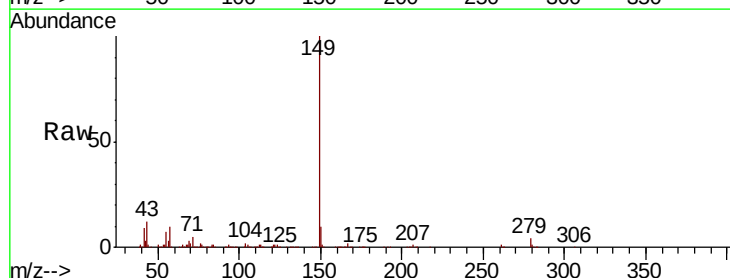
Tgt Ion:149 Resp: 779395

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

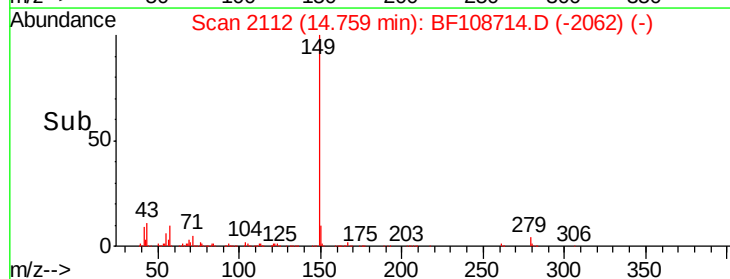
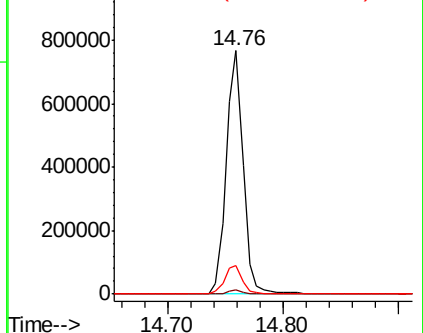
43 12.3 8.4 12.6

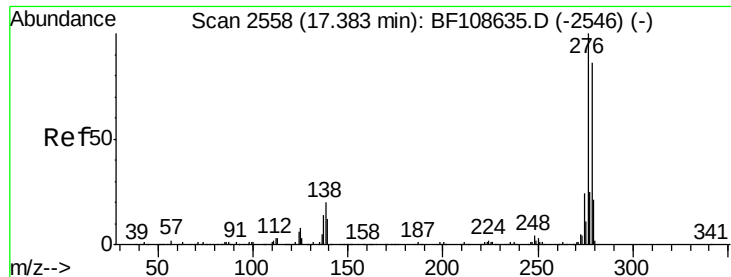


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

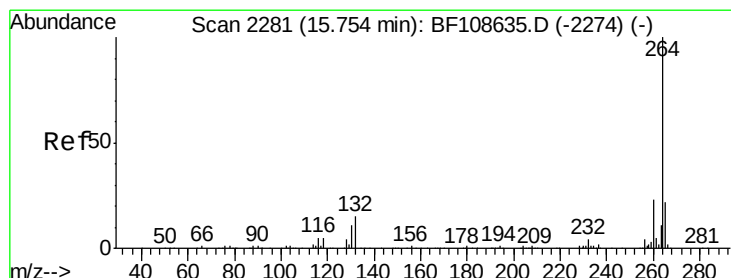
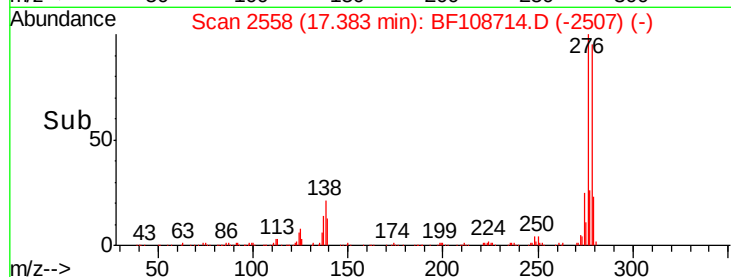
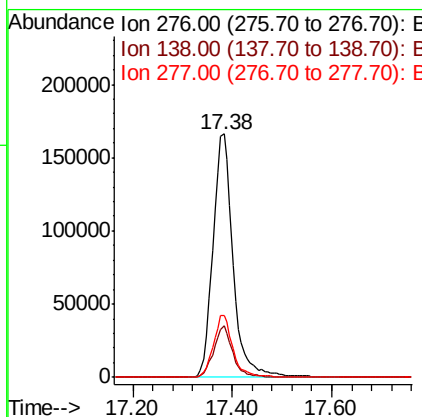
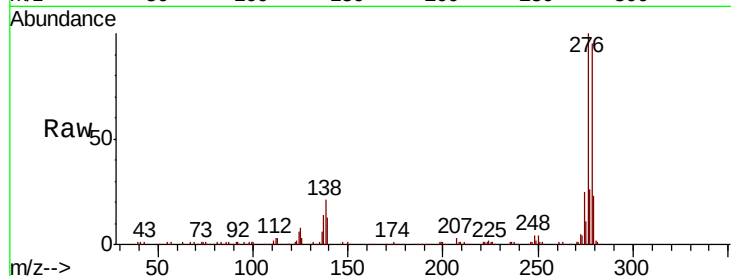




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.839 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

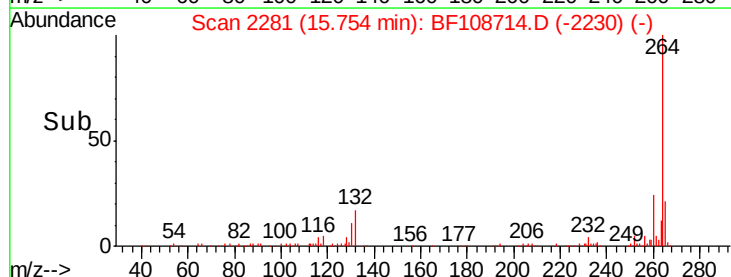
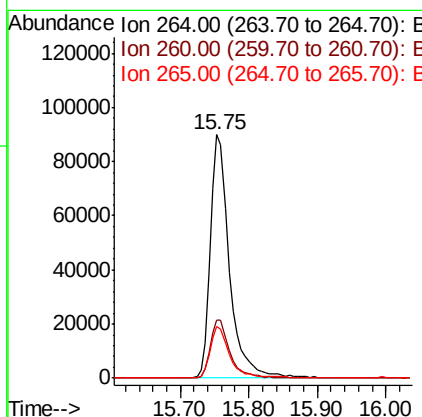
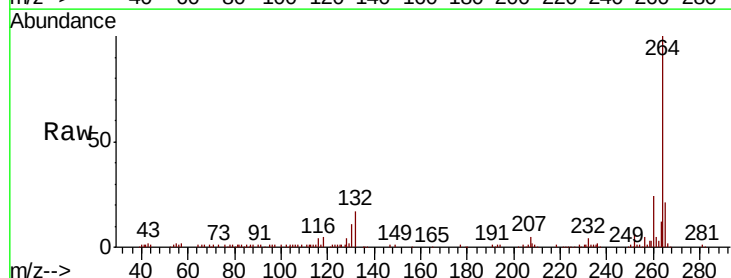
Instrument :
BNA_F
ClientSampleId :

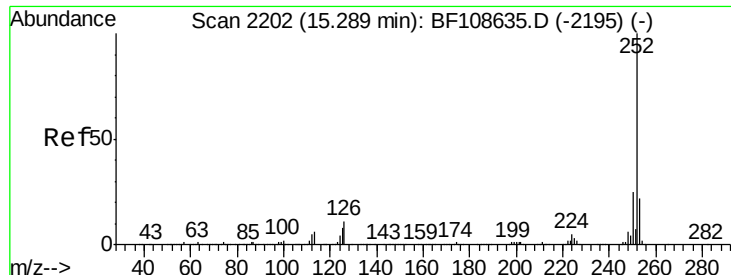
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	25.0	37.6#
277	24.7	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

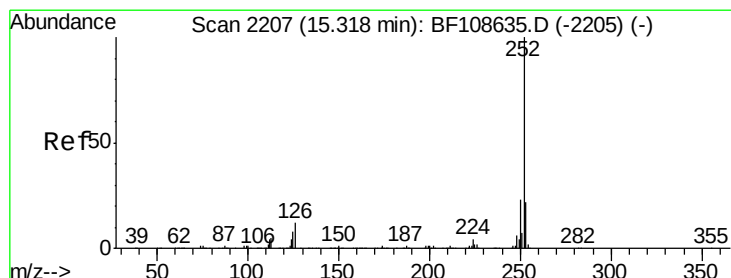
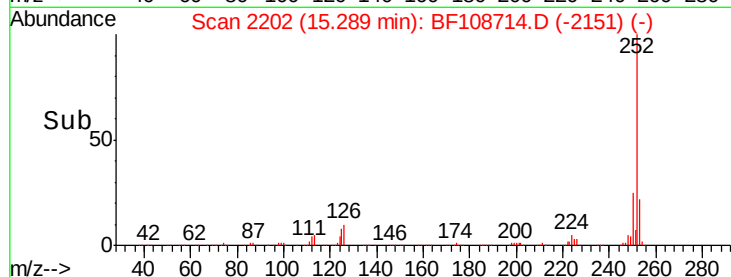
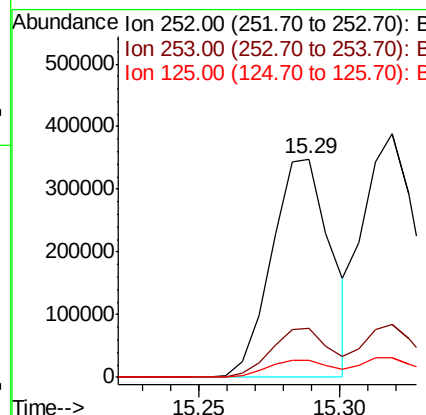
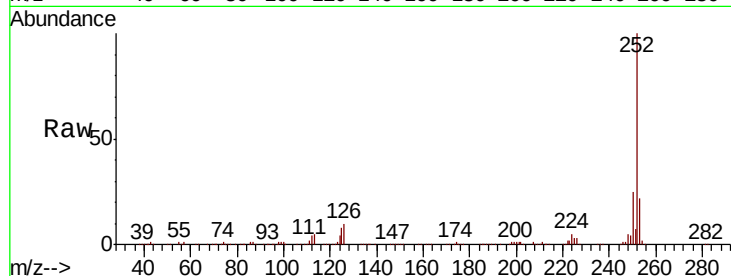




#87
Benzo(b)fluoranthene
Concen: 47.495 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

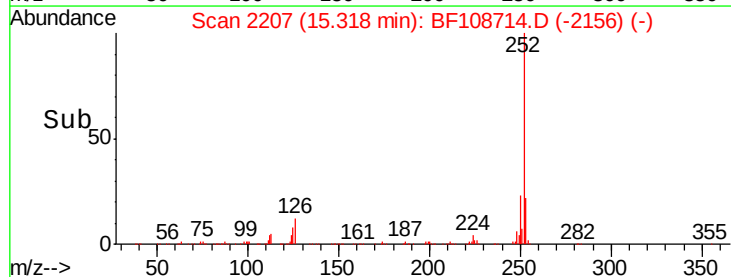
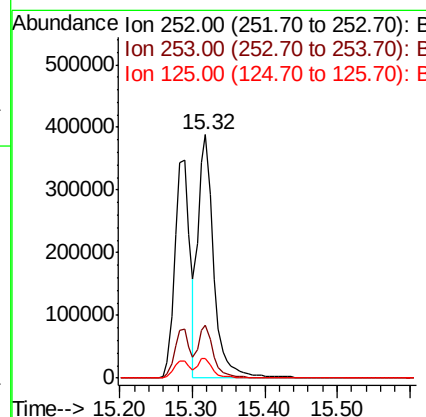
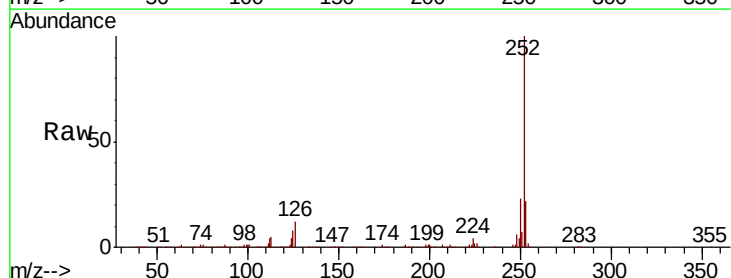
Instrument :
BNA_F
ClientSampleId :

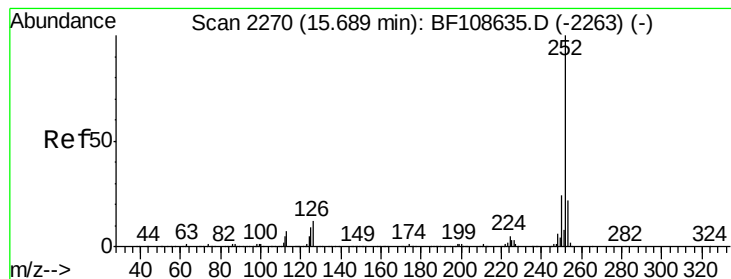
Tot Ion:252 Resp: 507476
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 7.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 54.648 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:252 Resp: 578424
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 7.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 51.061 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

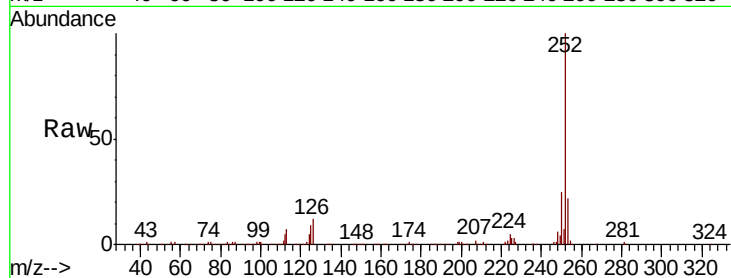
Tot Ion:252 Resp: 493037

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

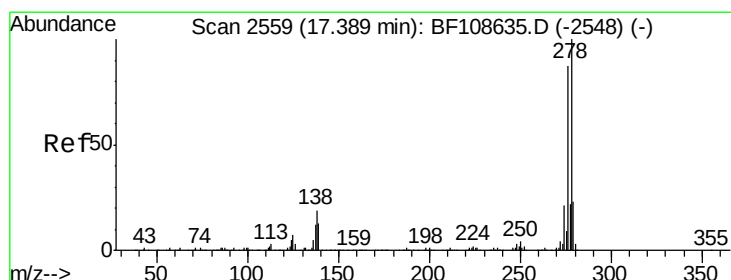
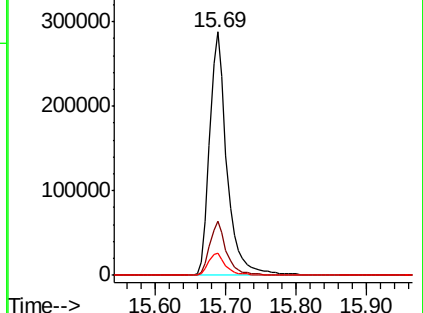
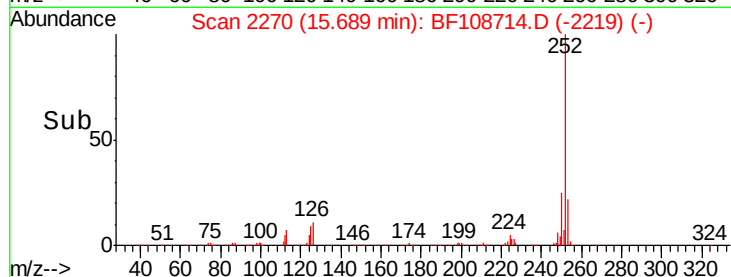
125 9.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.947 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

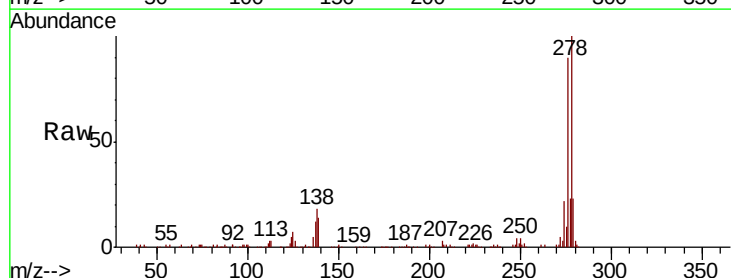
Tgt Ion:278 Resp: 392895

Ion Ratio Lower Upper

278 100

139 13.6 15.9 23.9#

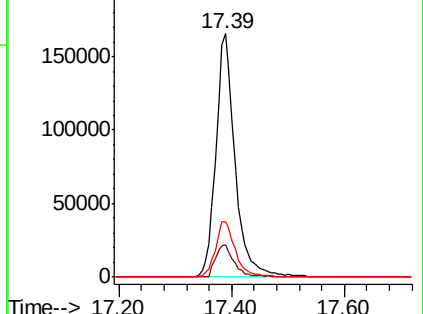
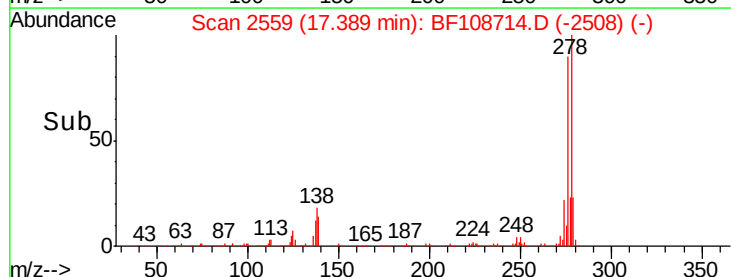
279 23.0 19.0 28.4

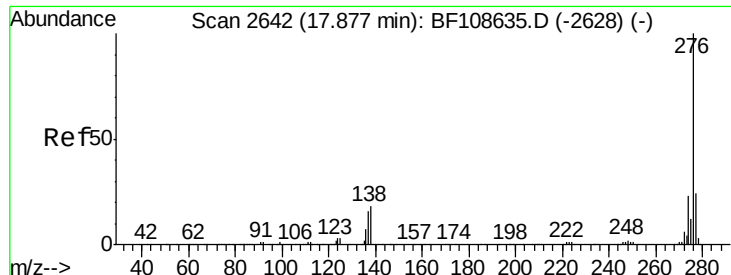


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

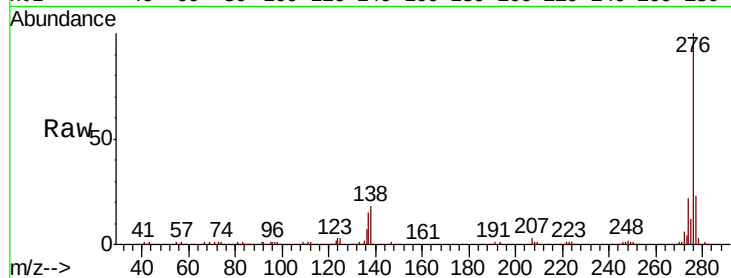




#91
 Benzo(a,h,i)perylene
 Concen: 48.837 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	17.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

