

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108028.D
 Acq On : 8 Aug 2018 19:12
 Operator : JU/SJ
 Sample : J3762-07
 Misc : LOD 2 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	275156	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1091268	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	597002	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1234980	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1120053	20.00	ng	-0.01
86) Perylene-d12	15.77	264	986885	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1940212	127.66	ng	0.00
7) Phenol-d6	6.63	99	2581007	127.80	ng	0.00
23) Nitrobenzene-d5	7.58	82	1706956	87.28	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	832774	139.85	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3055256	82.16	ng	0.00
78) Terphenyl-d14	13.15	244	3735438	84.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	15498	1.985	ng	# 82
3) Pyridine	3.75	79	41991	2.087	ng	# 75
4) n-Nitrosodimethylamine	3.64	42	22702	2.006	ng	# 77
6) Aniline	6.68	93	35861	1.305	ng	97
8) 2-Chlorophenol	6.80	128	38674	2.259	ng	88
9) Benzaldehyde	6.57	77	31087	1.985	ng	99
10) Phenol	6.64	94	46152	2.209	ng	# 22
11) bis(2-Chloroethyl)ether	6.74	93	38476	2.278	ng	94
12) 1,3-Dichlorobenzene	6.95	146	44955	2.271	ng	95
13) 1,4-Dichlorobenzene	7.03	146	45549	2.291	ng	96
14) 1,2-Dichlorobenzene	7.18	146	41620	2.250	ng	98
15) Benzyl Alcohol	7.14	79	22555	1.327	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	76370	2.195	ng	96
17) 2-Methylphenol	7.24	107	34533	2.353	ng	93
18) Hexachloroethane	7.53	117	15581	2.201	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	29752	2.178	ng	# 86
20) 3+4-Methylphenols	7.40	107	41656	2.214	ng	94
22) Acetophenone	7.41	105	59772	2.342	ng	93
24) Nitrobenzene	7.59	77	50340	2.546	ng	93
25) Isophorone	7.82	82	78607	2.109	ng	# 93
26) 2-Nitrophenol	7.91	139	11607	1.554	ng	97
27) 2,4-Dimethylphenol	7.93	122	41704	2.521	ng	97
28) bis(2-Chloroethoxy)methane	8.03	93	48609	2.234	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	29317	1.926	ng	94
30) 1,2,4-Trichlorobenzene	8.23	180	39063	2.327	ng	93
31) Naphthalene	8.32	128	121446	2.447	ng	99
32) Benzoic acid	7.93	122	41704	9.778	ng	# 15
33) 4-Chloroaniline	8.36	127	31650	1.463	ng	97
34) Hexachlorobutadiene	8.43	225	24391	2.295	ng	98
35) Caprolactam	8.68	113	8379	1.756	ng	# 70
36) 4-Chloro-3-methylphenol	8.82	107	32882	2.002	ng	99
37) 2-Methylnaphthalene	9.01	142	85235	2.427	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	41490	2.263	ng	97
40) Hexachlorocyclopentadiene	9.16	237	20217	1.707	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	19161	1.684	ng	99
43) 2,4,5-Trichlorophenol	9.31	196	23831	1.903	ng	95
45) 1,1'-Biphenyl	9.47	154	109792	2.494	ng	98
46) 2-Chloronaphthalene	9.50	162	81606	2.346	ng	93
47) 2-Nitroaniline	9.59	65	21150	1.879	ng #	85
48) Acenaphthylene	9.92	152	133349	2.425	ng	99
49) Dimethylphthalate	9.76	163	96020	2.309	ng #	98
50) 2,6-Dinitrotoluene	9.83	165	17212	1.978	ng	91
51) Acenaphthene	10.09	154	78363	2.326	ng	95
52) 3-Nitroaniline	10.00	138	16080	1.689	ng #	89
53) 2,4-Dinitrophenol	10.10	184	2105	7.610	ng #	1
54) Dibenzofuran	10.27	168	121640	2.492	ng	97
55) 4-Nitrophenol	10.14	139	9730	1.350	ng #	81
56) 2,4-Dinitrotoluene	10.23	165	20161	1.800	ng #	85
57) Fluorene	10.61	166	95155	2.463	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	18471	1.765	ng #	85
59) Diethylphthalate	10.47	149	94471	2.346	ng	98
60) 4-Chlorophenyl-phenylether	10.60	204	47287	2.349	ng	89
61) 4-Nitroaniline	10.61	138	17248	1.833	ng	84
62) Azobenzene	10.76	77	95913	2.306	ng	95
64) 4,6-Dinitro-2-methylphenol	10.64	198	3794	6.086	ng	82
65) n-Nitrosodiphenylamine	10.71	169	84570	2.317	ng	99
66) 4-Bromophenyl-phenylether	11.10	248	30244	2.253	ng #	80
67) Hexachlorobenzene	11.16	284	31518	2.232	ng #	87
68) Atrazine	11.23	200	25226	2.061	ng	98
69) Pentachlorophenol	11.35	266	8787	1.300	ng	98
70) Phenanthrene	11.58	178	150156	2.578	ng	97
71) Anthracene	11.63	178	148389	2.486	ng	99
72) Carbazole	11.78	167	125835	2.372	ng	97
73) Di-n-butylphthalate	12.11	149	137939	2.296	ng	98
74) Fluoranthene	12.77	202	158714	2.497	ng	95
76) Benzidine	12.89	184	20492	0.490	ng #	93
77) Pyrene	13.01	202	160738	2.267	ng	98
79) Butylbenzylphthalate	13.61	149	47348	1.682	ng	95
80) Benzo(a)anthracene	14.19	228	148181	2.305	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	25349	1.100	ng #	95
82) Chrysene	14.23	228	137476	2.333	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	73510	1.928	ng	98
84) Di-n-octyl phthalate	14.79	149	102289	1.759	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.37	276	97502	1.910	ng #	92
87) Benzo(b)fluoranthene	15.29	252	122401	2.076	ng	97
88) Benzo(k)fluoranthene	15.32	252	122081	2.252	ng #	95
89) Benzo(a)pyrene	15.69	252	107688	2.039	ng #	97
90) Dibenzo(a,h)anthracene	17.39	278	83062	1.901	ng #	91
91) Benzo(g,h,i)perylene	17.85	276	80904	1.880	ng	95

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

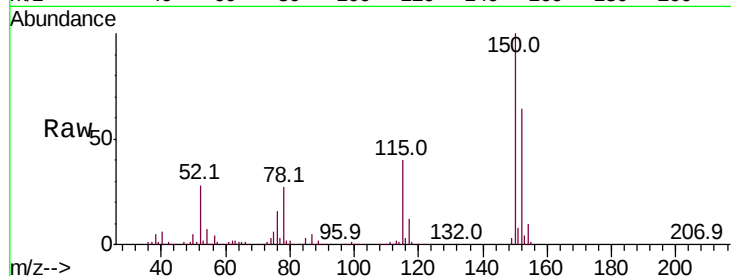


#1

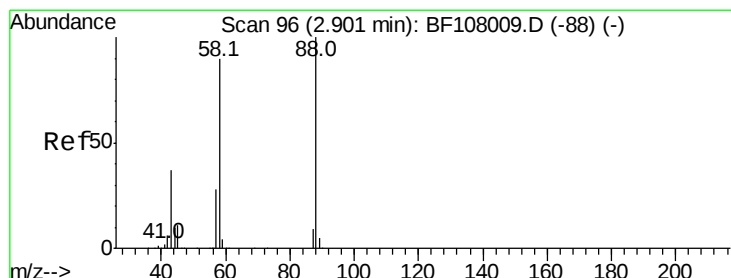
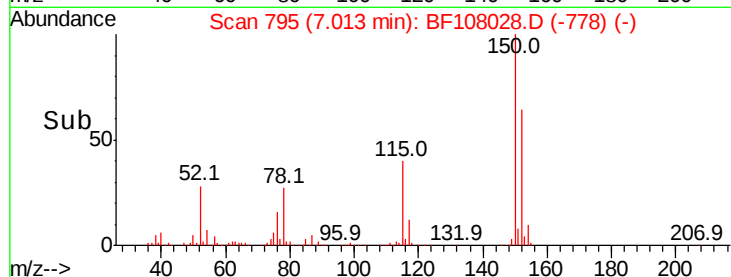
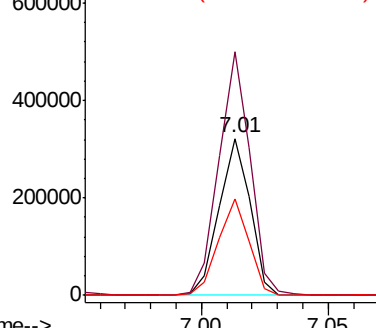
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	61.7	50.1	75.1



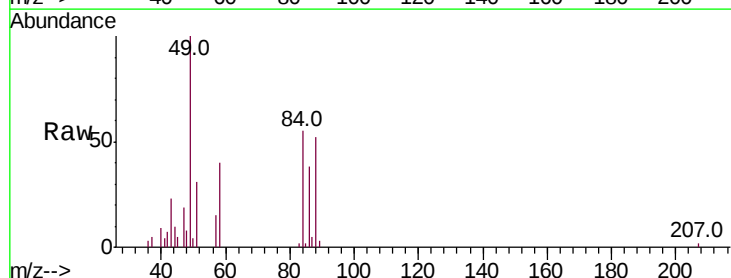
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



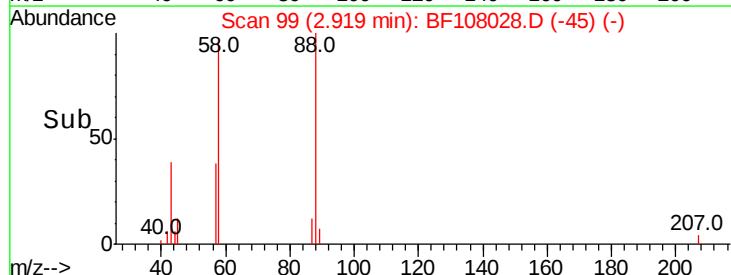
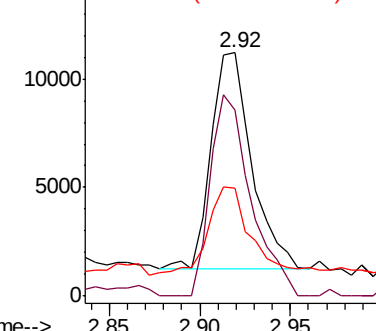
#2

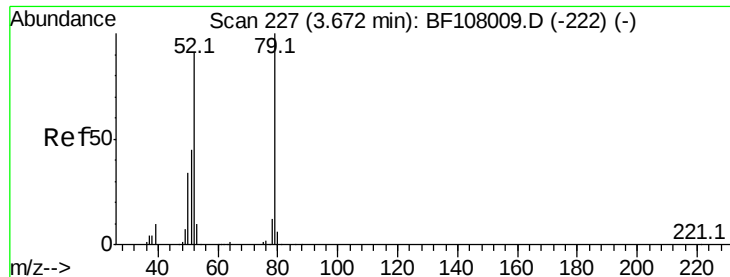
1,4-Dioxane
Concen: 1.985 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.2	62.6	93.8
43	41.1	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: 2.087 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.08 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

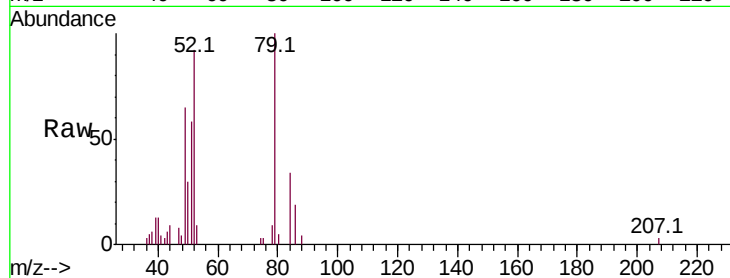
Tot Ion: 79 Resp: 41991

Ion Ratio Lower Upper

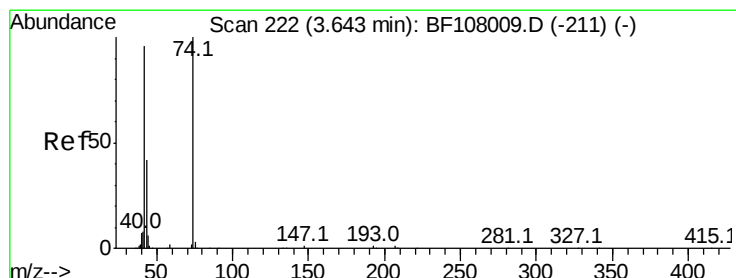
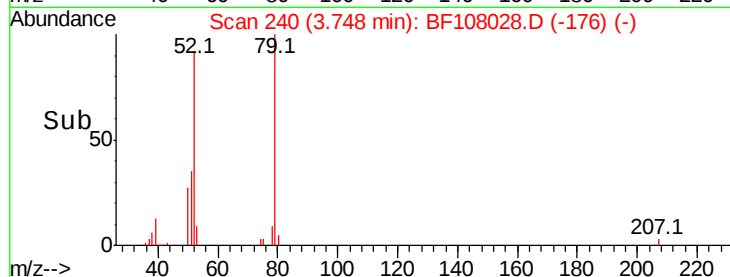
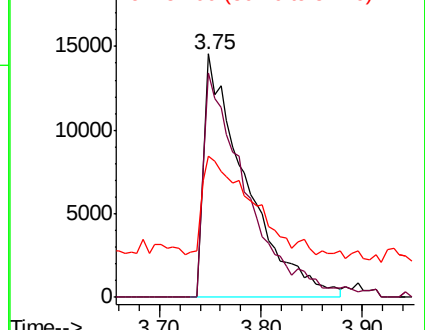
79 100

52 92.4 59.8 89.6#

51 57.9 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: 2.006 ng

RT: 3.64 min Scan# 221

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

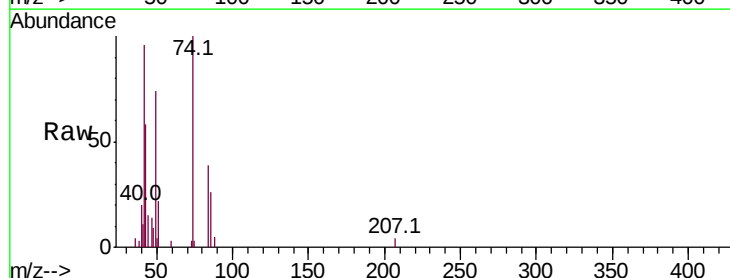
Tgt Ion: 42 Resp: 22702

Ion Ratio Lower Upper

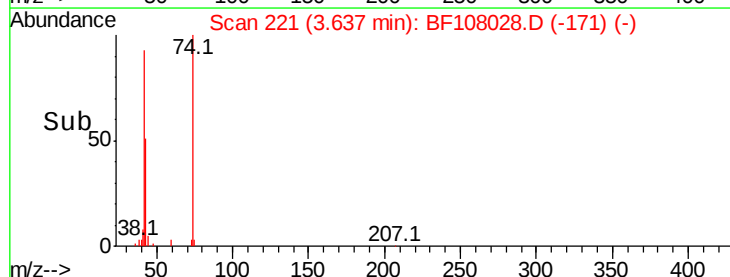
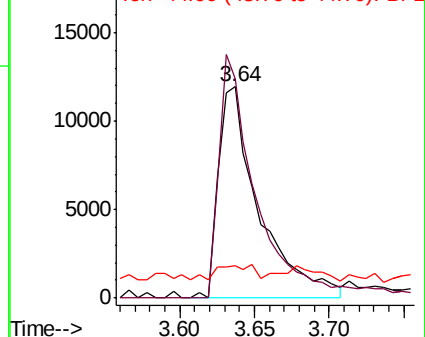
42 100

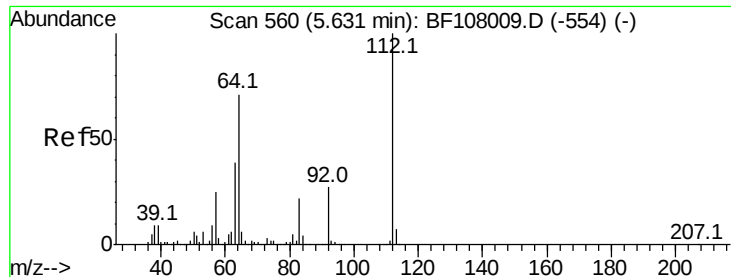
74 103.9 104.9 157.3#

44 15.1 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: 127.661 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampled :

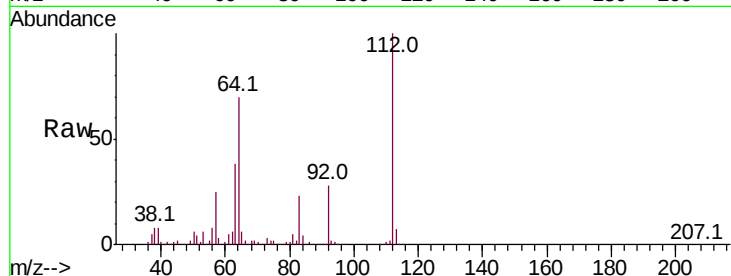
Tot Ion:112 Resp: 1940212

Ion Ratio Lower Upper

112 100

64 69.9 47.9 71.9

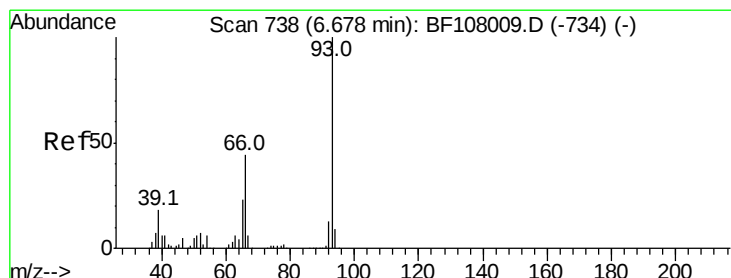
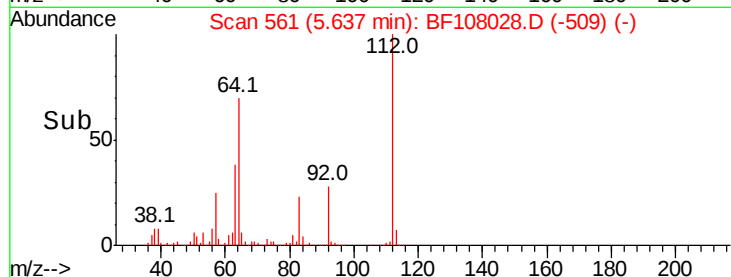
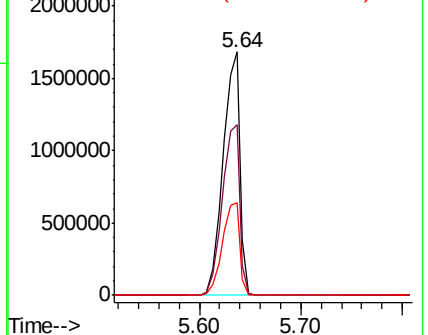
63 38.1 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.305 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

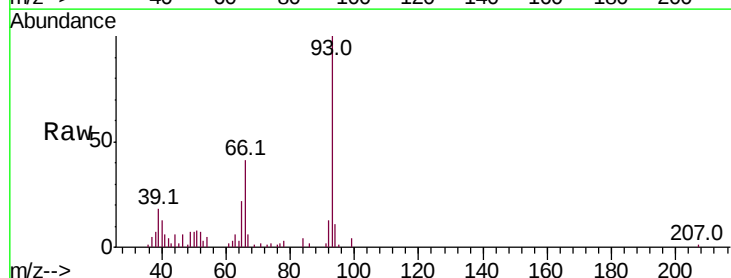
Tgt Ion: 93 Resp: 35861

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

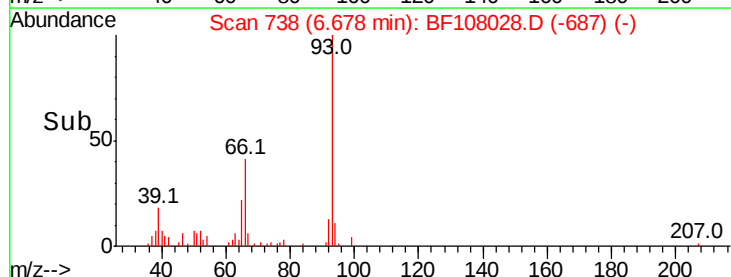
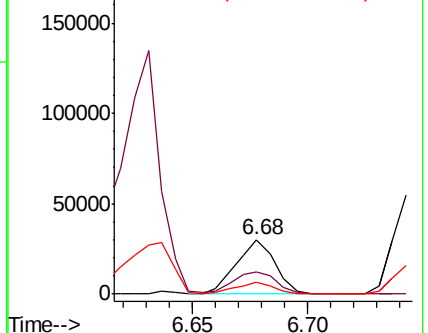
65 22.2 16.4 24.6

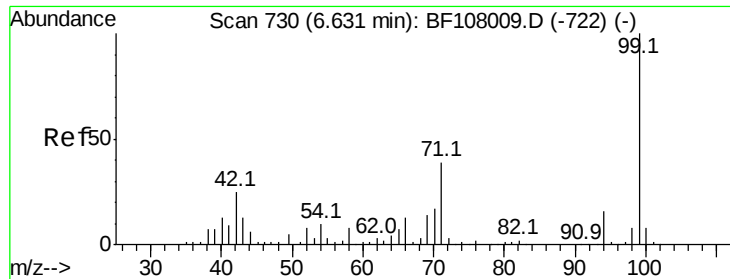


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.796 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

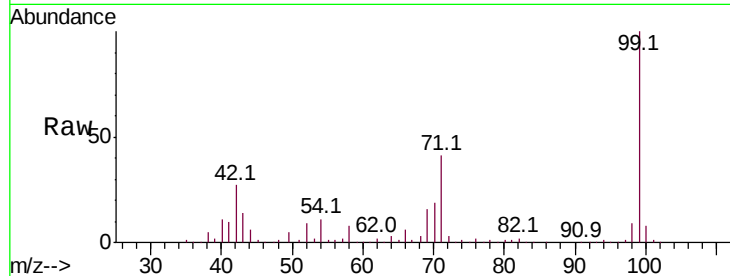
Tot Ion: 99 Resp: 2581007

Ion Ratio Lower Upper

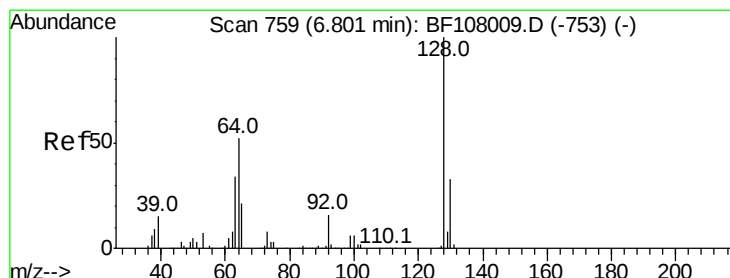
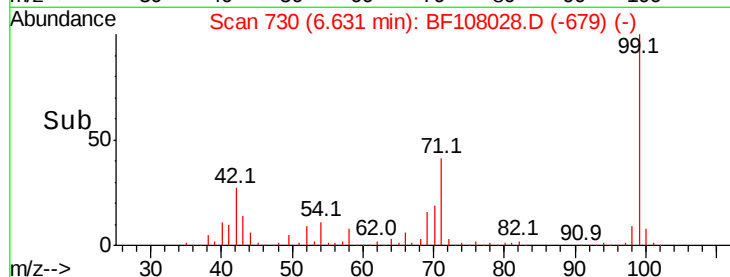
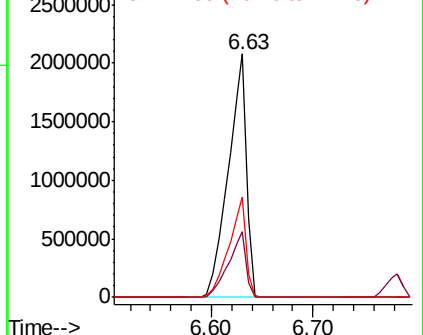
99 100

42 26.8 14.5 21.7#

71 41.0 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: 2.259 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

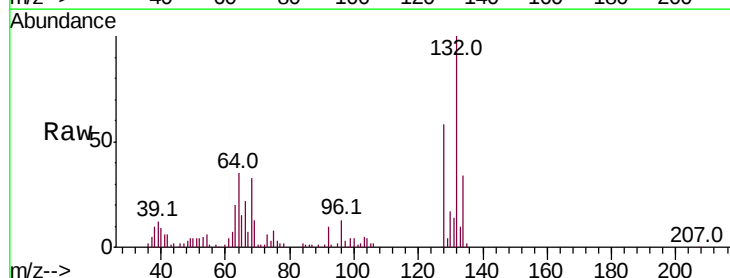
Tgt Ion:128 Resp: 38674

Ion Ratio Lower Upper

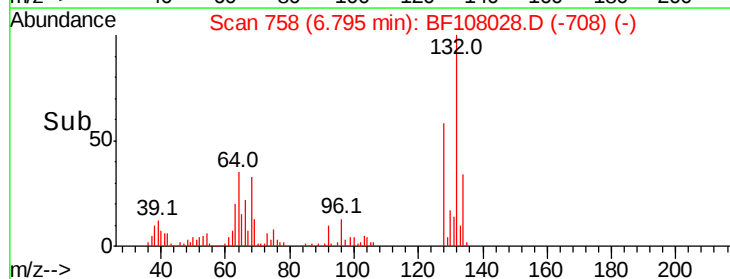
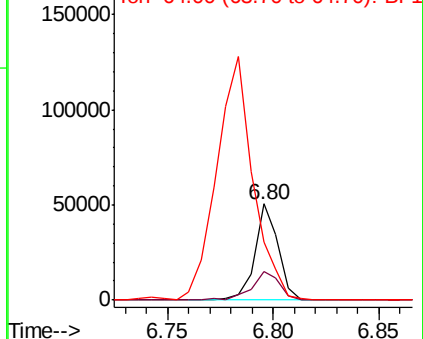
128 100

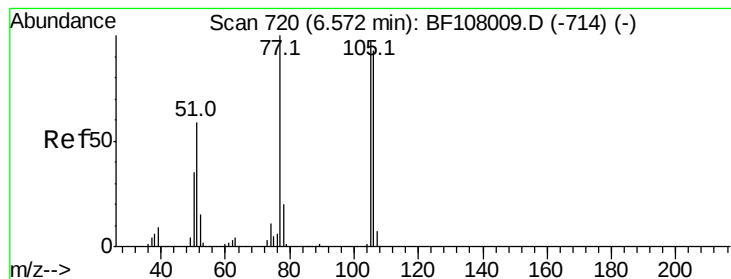
130 29.6 13.0 53.0

64 60.2 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: 1.985 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampled :

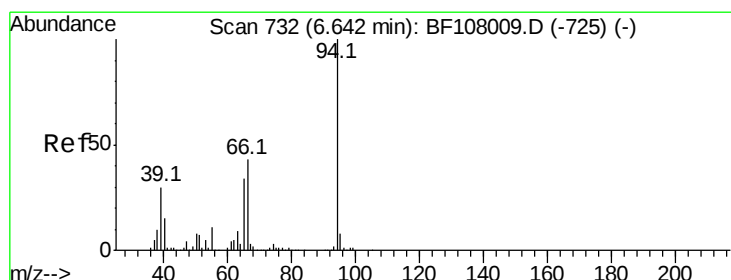
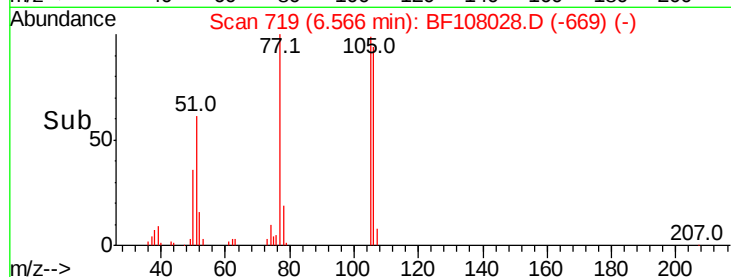
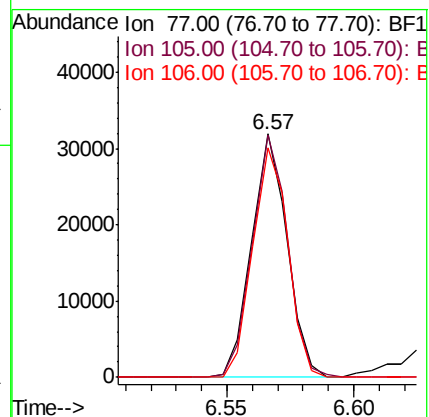
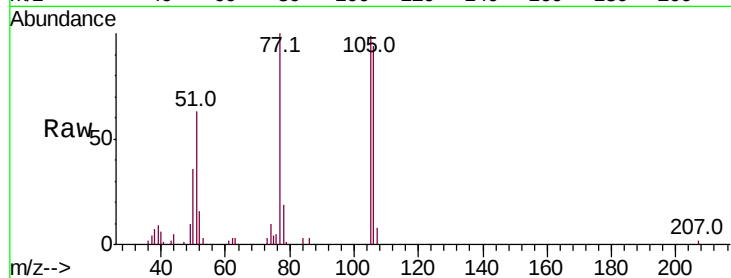
Tot Ion: 77 Resp: 31087

Ion Ratio Lower Upper

77 100

105 99.5 81.1 121.1

106 94.0 74.5 114.5



#10

Phenol

Concen: 2.209 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

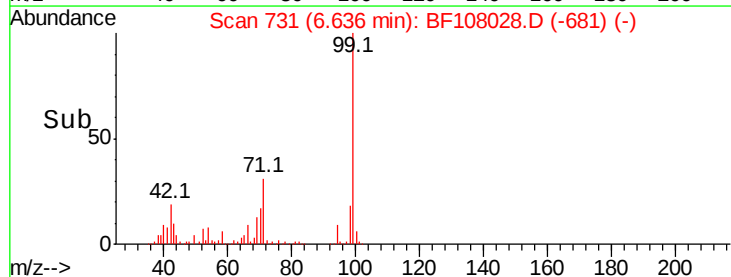
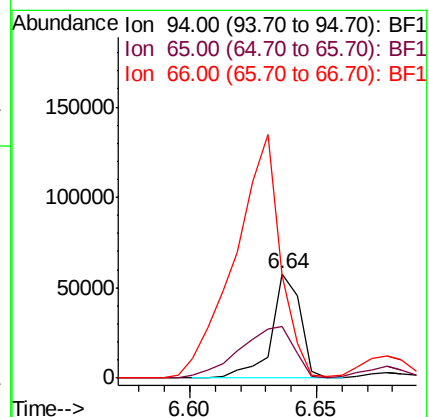
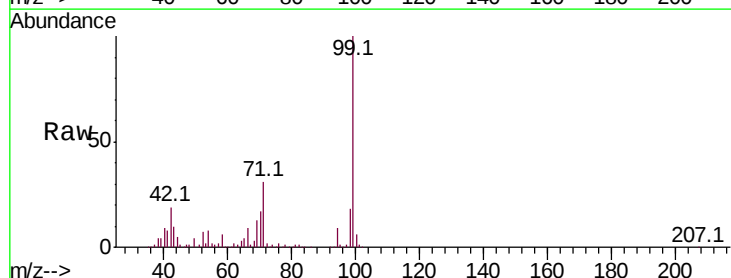
Tgt Ion: 94 Resp: 46152

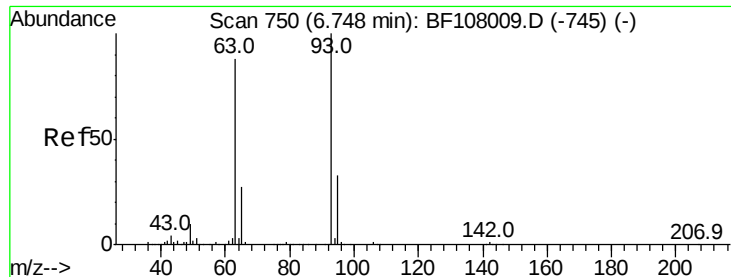
Ion Ratio Lower Upper

94 100

65 49.8 7.9 47.9#

66 99.0 16.2 56.2#

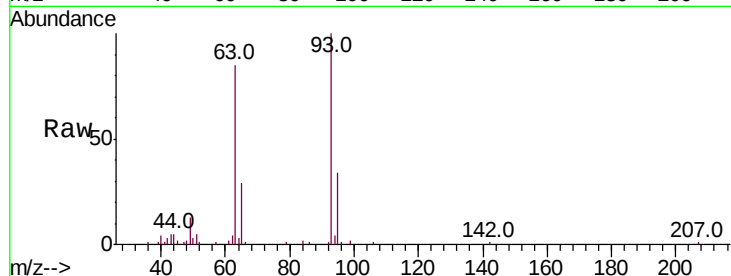




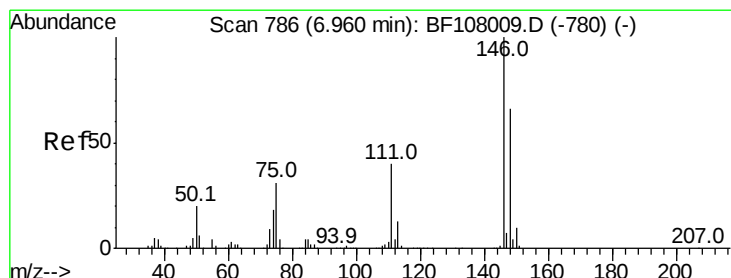
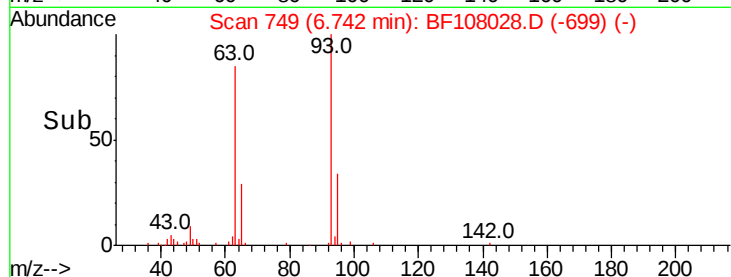
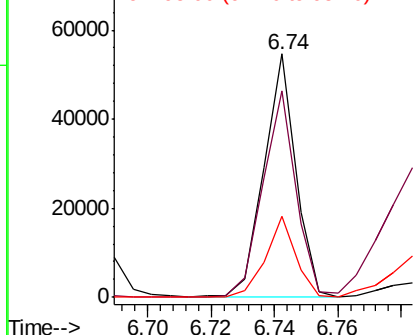
#11
bis(2-Chloroethyl)ether
Concen: 2.278 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 38476
Ion Ratio Lower Upper
93 100
63 85.1 58.6 98.6
95 33.5 11.8 51.8

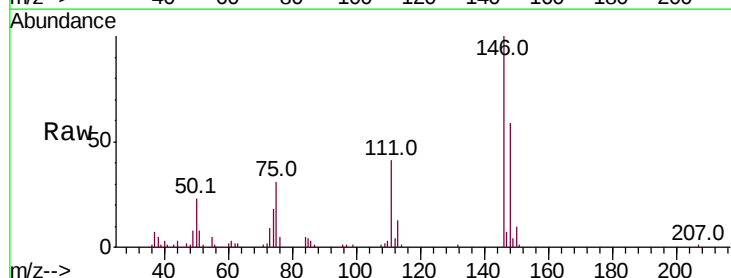


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

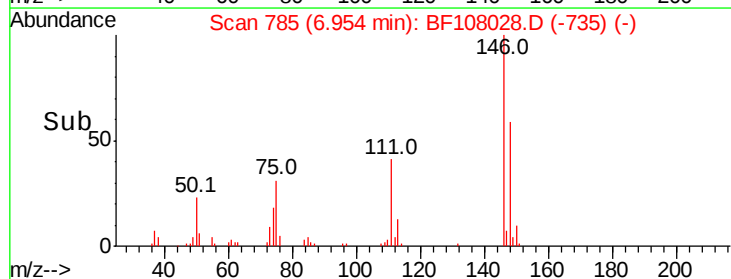
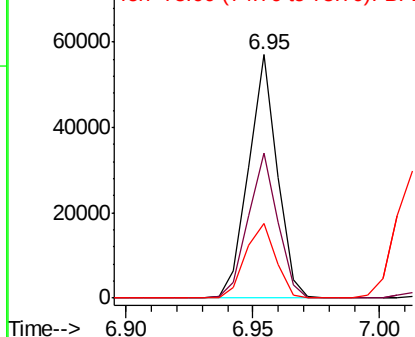


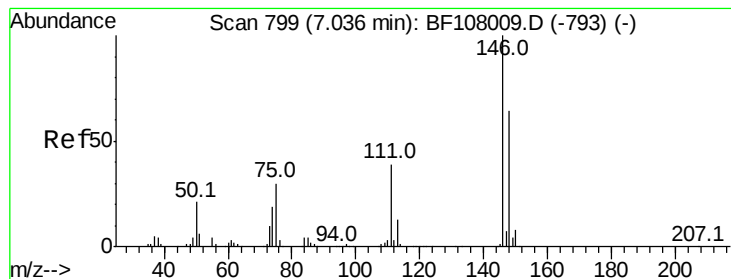
#12
1,3-Dichlorobenzene
Concen: 2.271 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion: 146 Resp: 44955
Ion Ratio Lower Upper
146 100
148 59.3 51.8 77.8
75 30.8 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: 2.291 ng

RT: 7.03 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

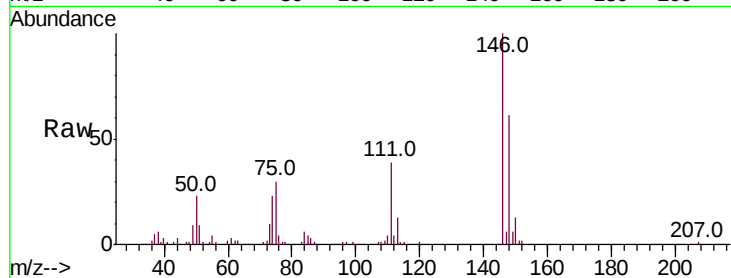
Tot Ion:146 Resp: 45549

Ion Ratio Lower Upper

146 100

148 61.1 50.8 76.2

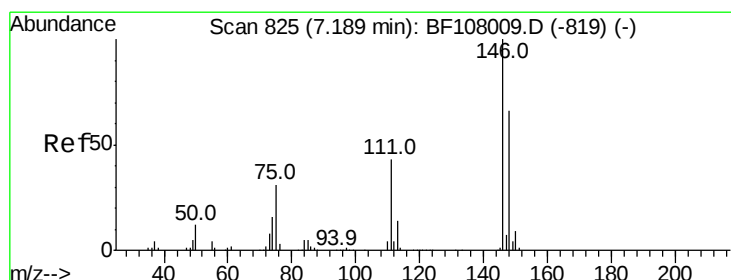
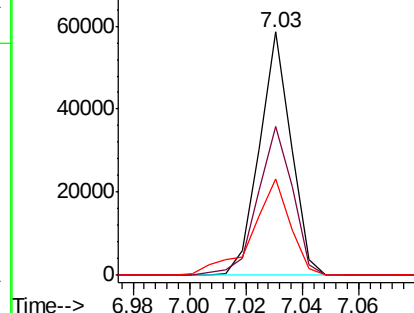
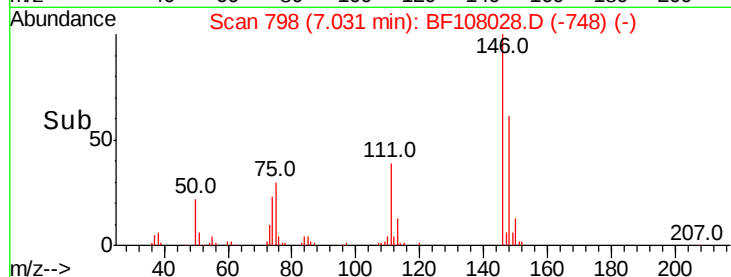
111 39.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.250 ng

RT: 7.18 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

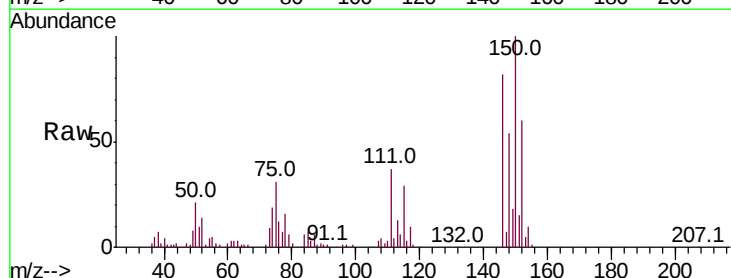
Tgt Ion:146 Resp: 41620

Ion Ratio Lower Upper

146 100

148 66.1 50.6 75.8

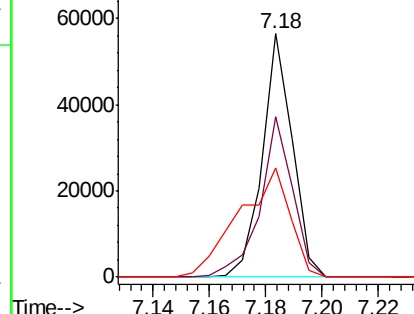
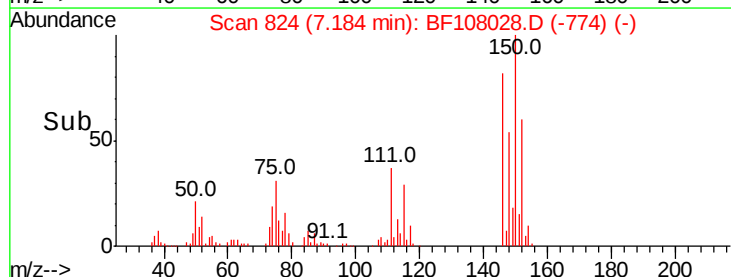
111 45.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.327 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampled :

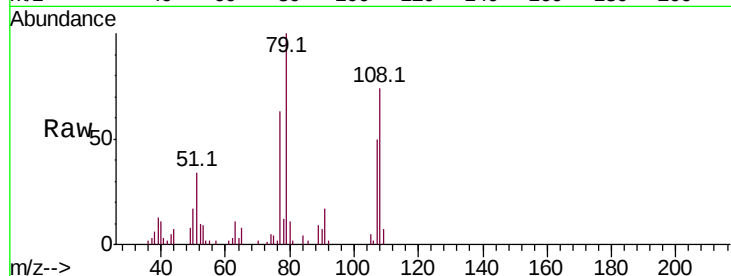
Tot Ion: 79 Resp: 22555

Ion Ratio Lower Upper

79 100

108 73.8 65.1 97.7

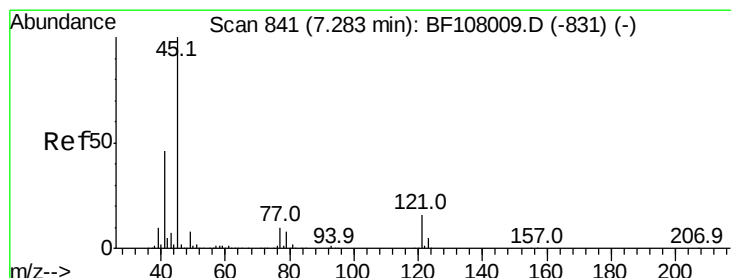
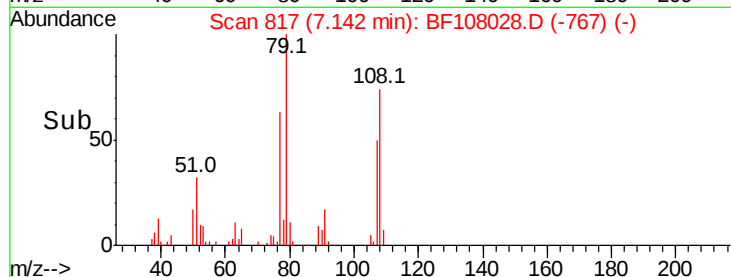
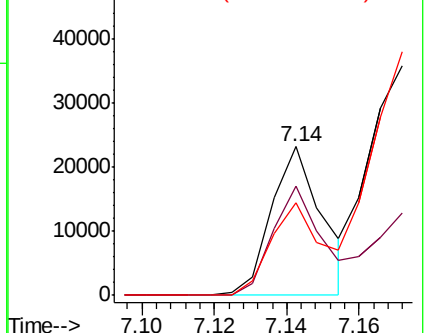
77 62.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.195 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

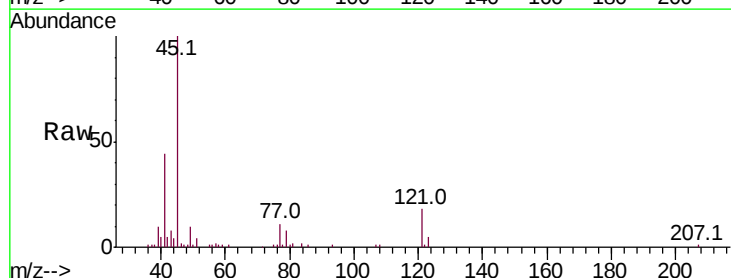
Tgt Ion: 45 Resp: 76370

Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.9

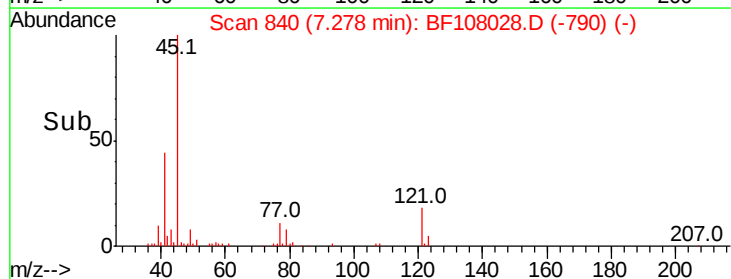
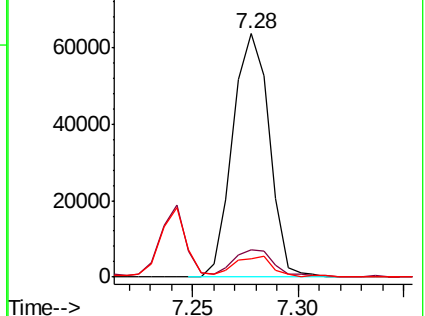
79 7.7 0.0 29.6

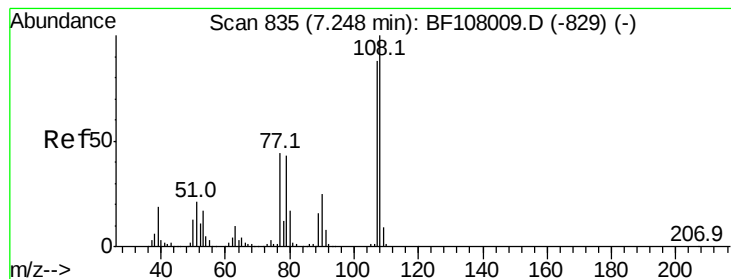


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

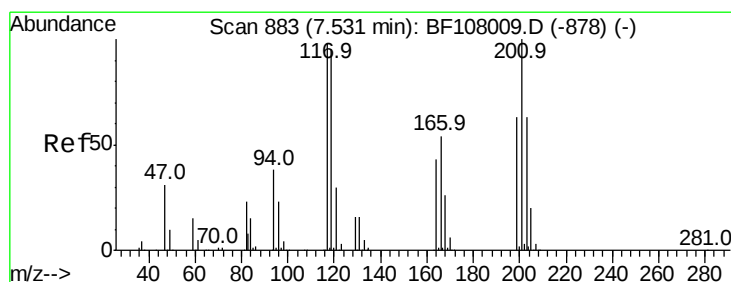
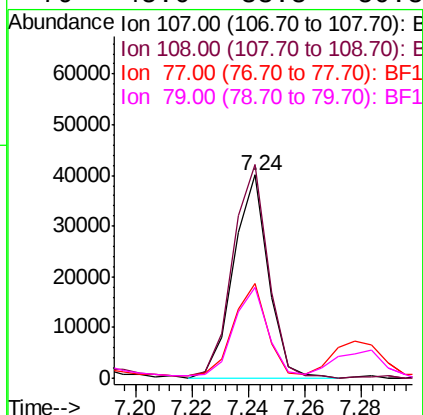
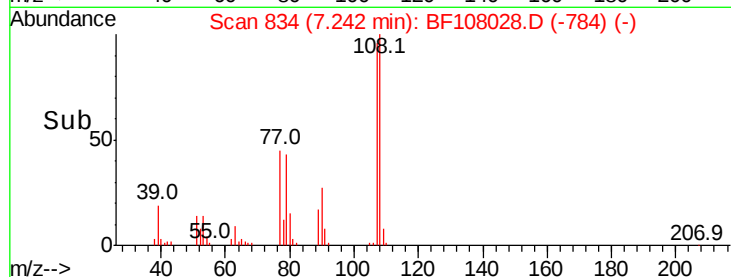
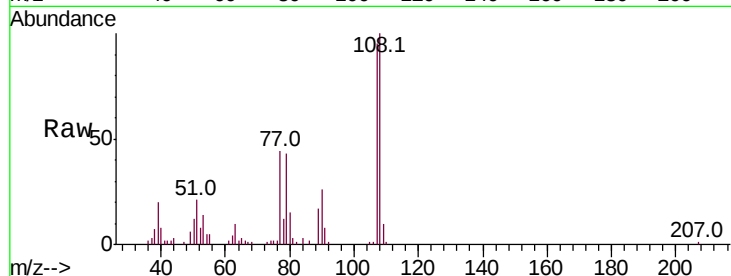




#17
2-Methylphenol
Concen: 2.353 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

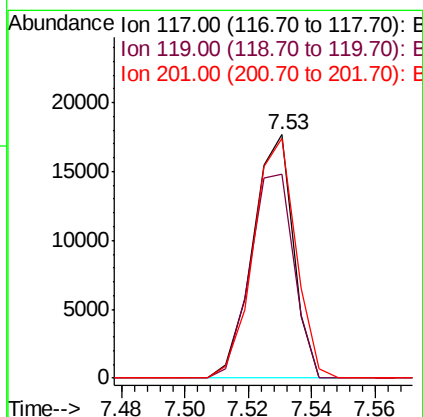
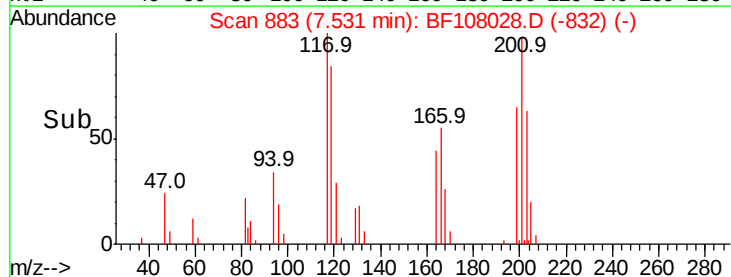
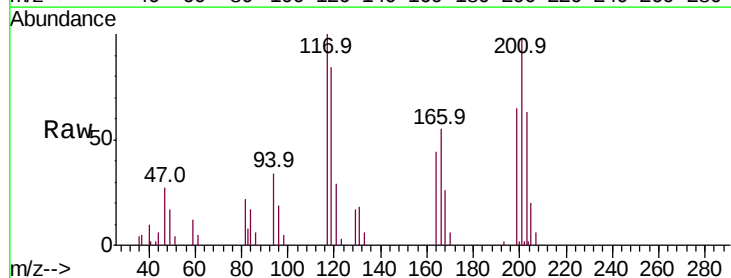
Instrument :
BNA_F
ClientSampleId :

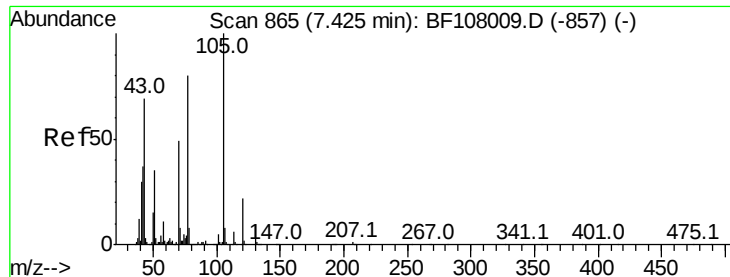
Tot Ion:107 Resp: 34533
Ion Ratio Lower Upper
107 100
108 105.1 91.7 137.5
77 46.7 33.8 50.8
79 45.0 33.8 50.8



#18
Hexachloroethane
Concen: 2.201 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:117 Resp: 15581
Ion Ratio Lower Upper
117 100
119 83.6 75.8 113.8
201 98.3 75.7 113.5

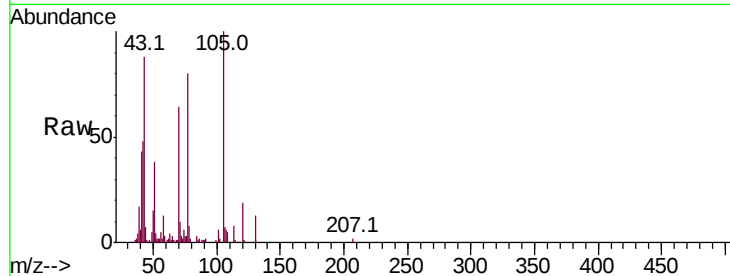




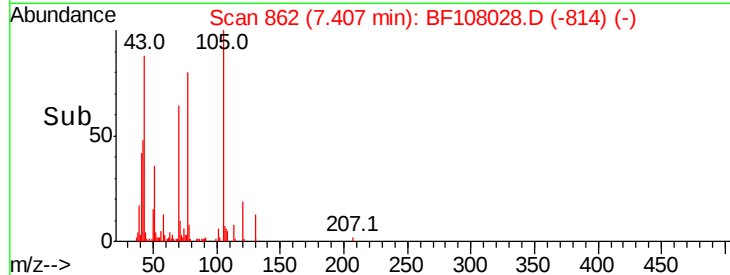
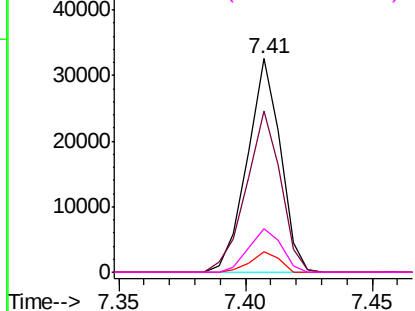
#19
n-Nitroso-di-n-propylamine
Concen: 2.178 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 29752
Ion Ratio Lower Upper
70 100
42 75.3 47.5 71.3#
101 9.5 7.4 11.2
130 20.4 16.6 25.0

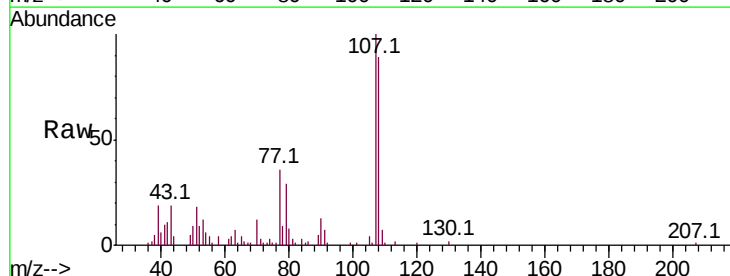
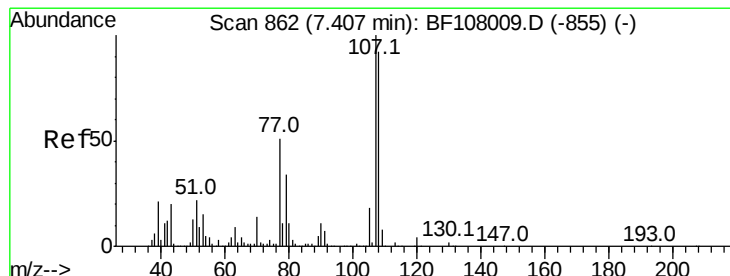


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

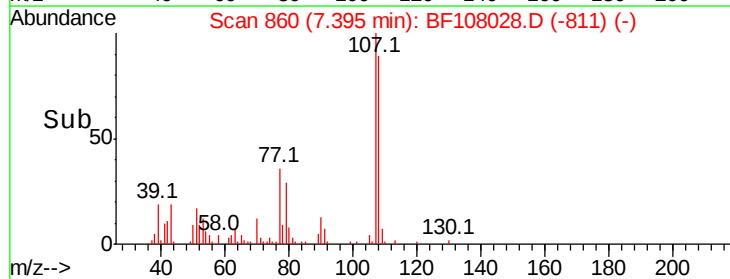
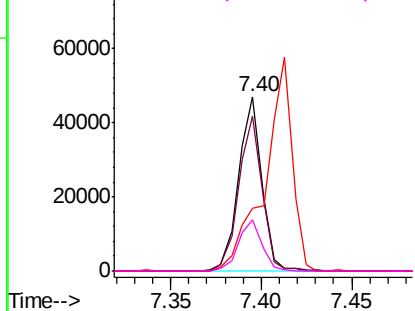


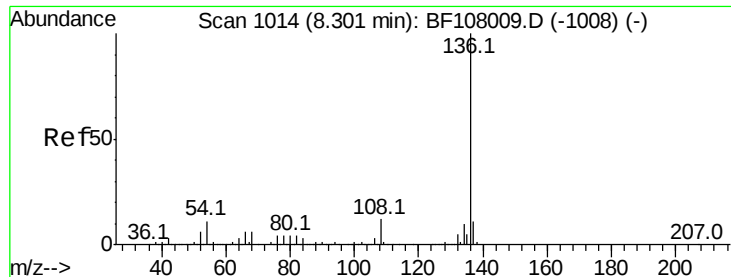
#20
3+4-Methylphenols
Concen: 2.214 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:107 Resp: 41656
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 36.3 26.7 66.7
79 29.4 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

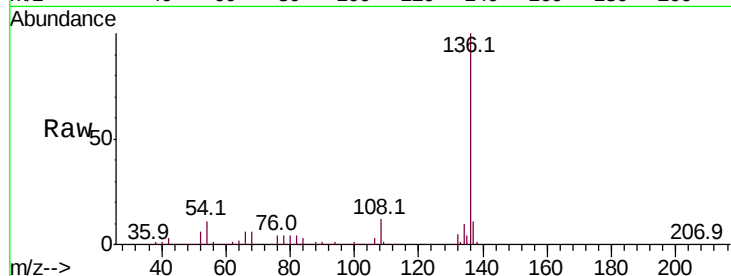
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1091268

Ion Ratio Lower Upper

136	100		
137	11.4	8.9	13.3
54	11.2	6.6	9.8#
68	6.4	5.0	7.4

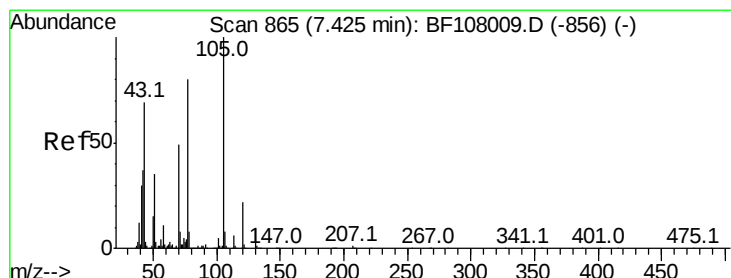
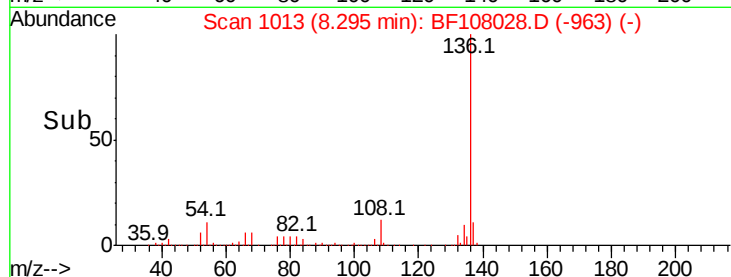
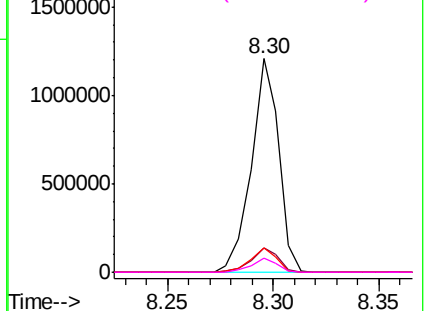


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.342 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Tgt Ion:105 Resp: 59772

Ion Ratio Lower Upper

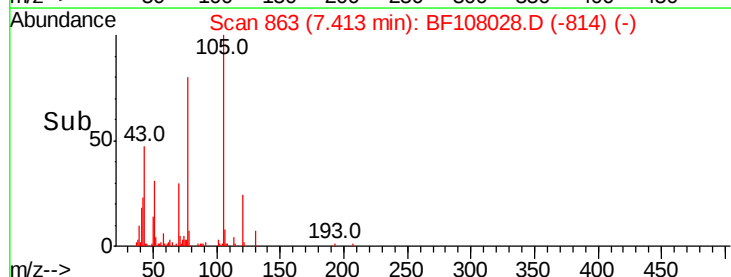
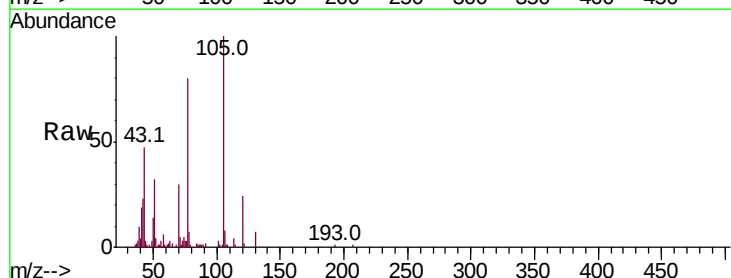
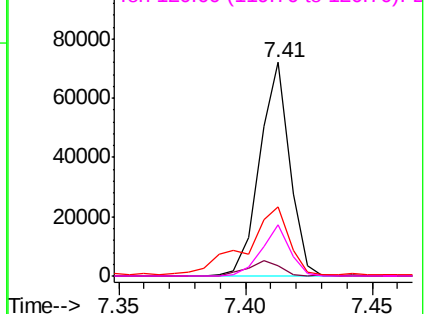
105	100		
71	5.1	4.4	6.6
51	32.2	22.3	33.5
120	24.0	16.9	25.3

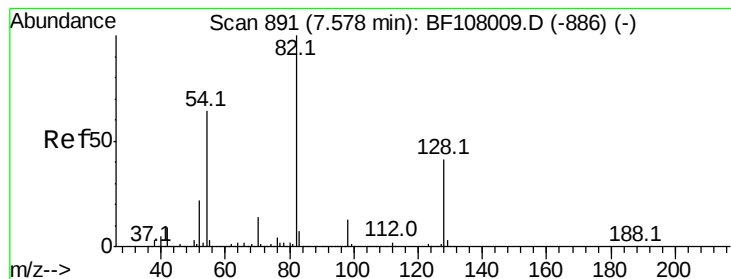
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.284 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

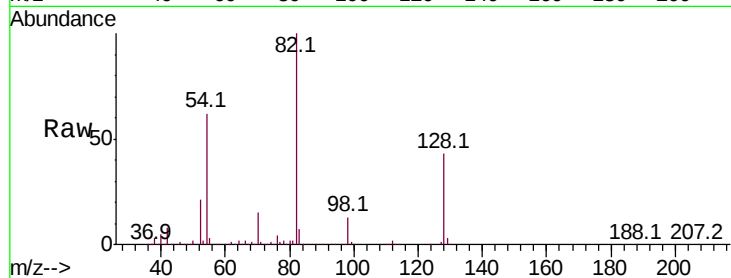
BNA_F

ClientSampleId :

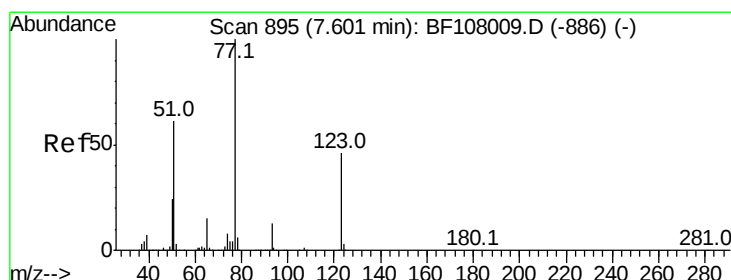
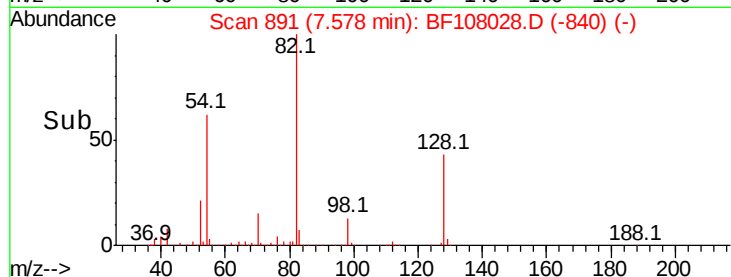
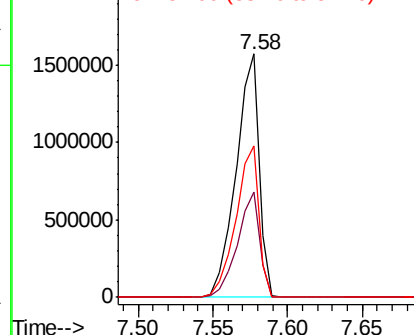
Tot Ion: 82 Resp: 1706956

Ion Ratio Lower Upper

82	100		
128	43.0	36.1	54.1
54	62.2	41.4	62.2#



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



#24

Nitrobenzene

Concen: 2.546 ng

RT: 7.59 min Scan# 893

Delta R.T. -0.01 min

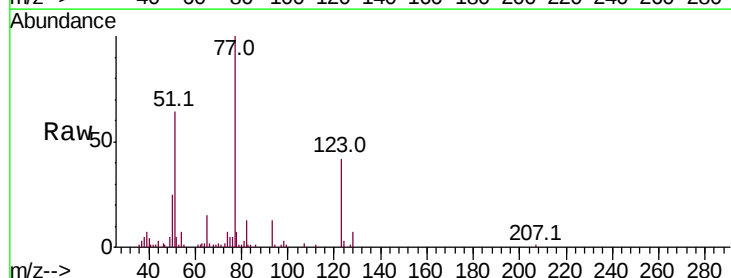
Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

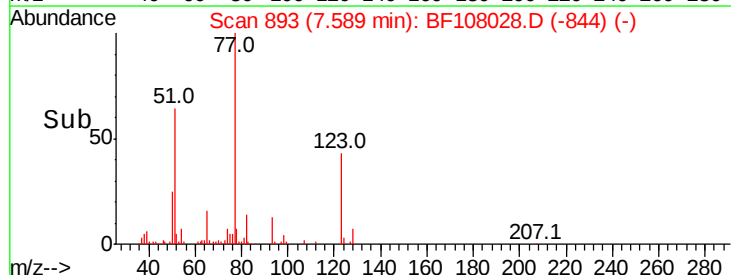
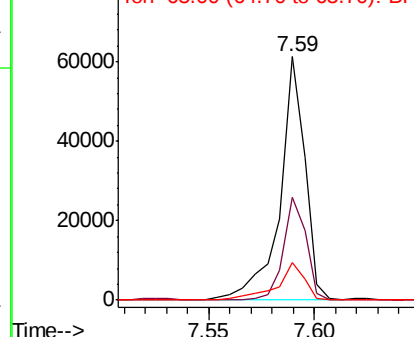
Tgt Ion: 77 Resp: 50340

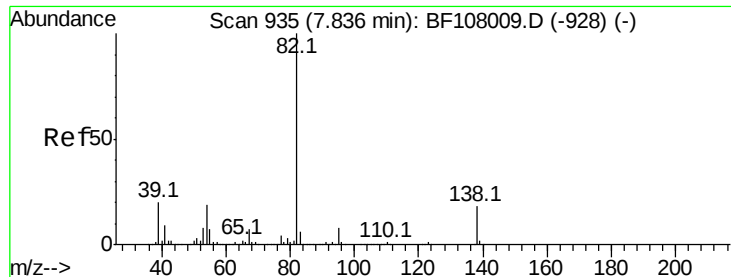
Ion Ratio Lower Upper

77	100		
123	42.4	37.9	56.9
65	15.4	11.0	16.4



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





#25

Isophorone

Concen: 2.109 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampled :

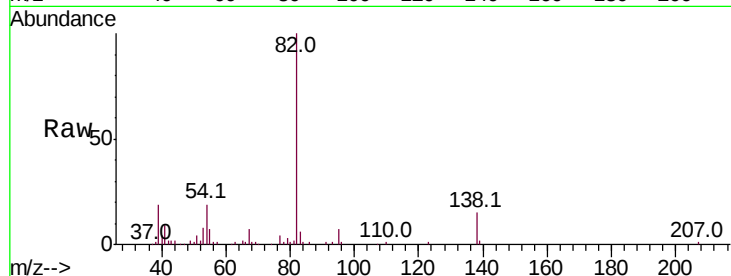
Tot Ion: 82 Resp: 78607

Ion Ratio Lower Upper

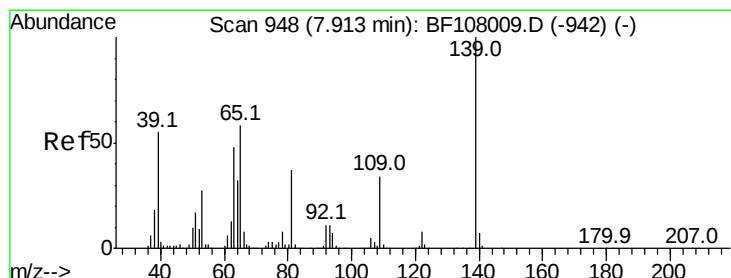
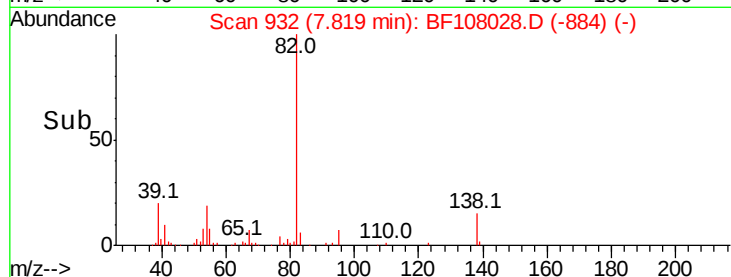
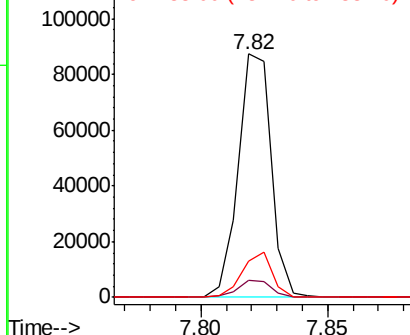
82 100

95 7.0 5.2 7.8

138 14.7 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 1.554 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

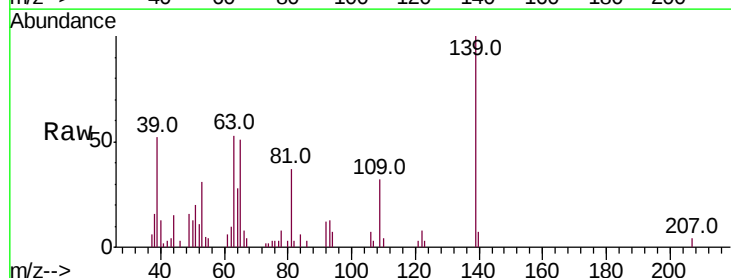
Tgt Ion: 139 Resp: 11607

Ion Ratio Lower Upper

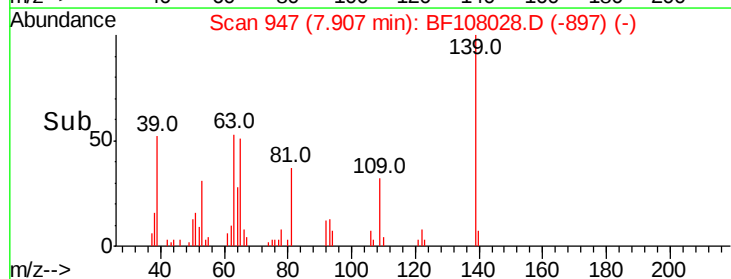
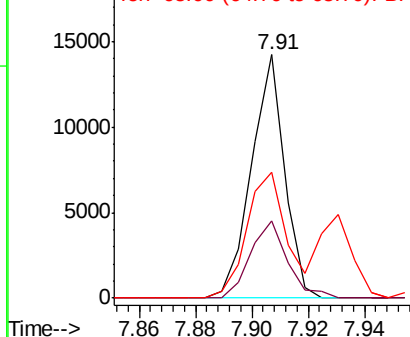
139 100

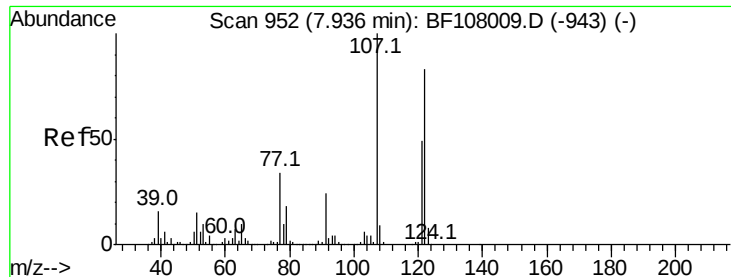
109 31.9 22.7 34.1

65 51.5 40.5 60.7



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

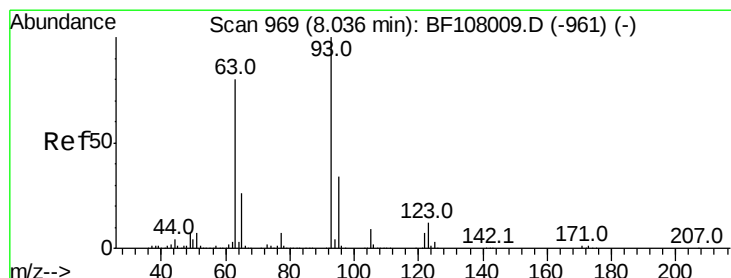
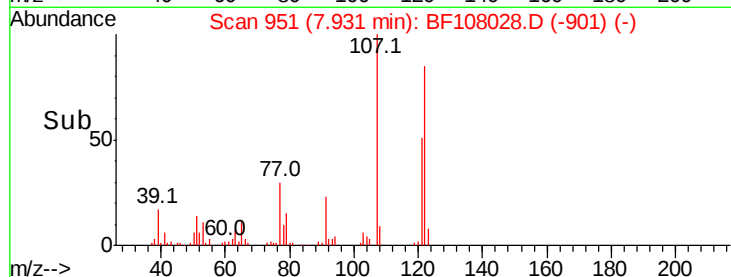
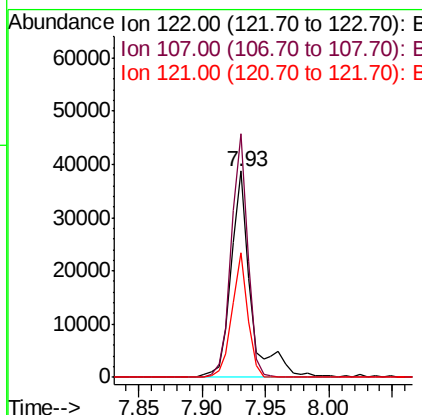
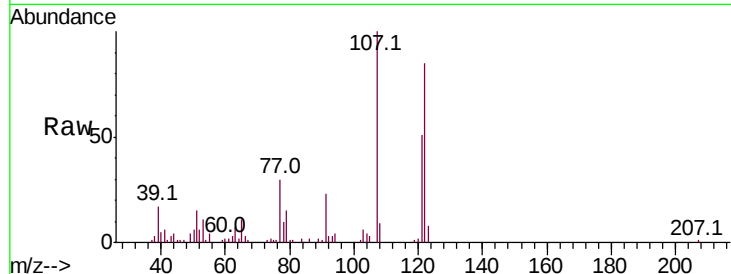




#27
 2,4-Dimethylphenol
 Concen: 2.521 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

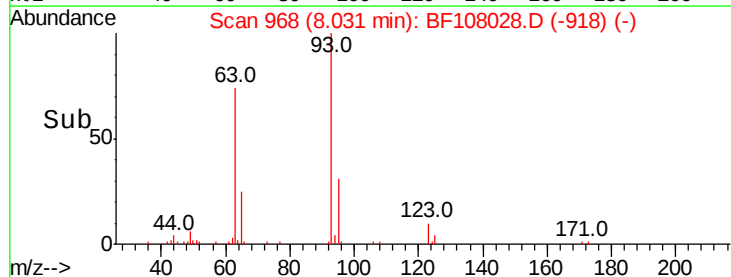
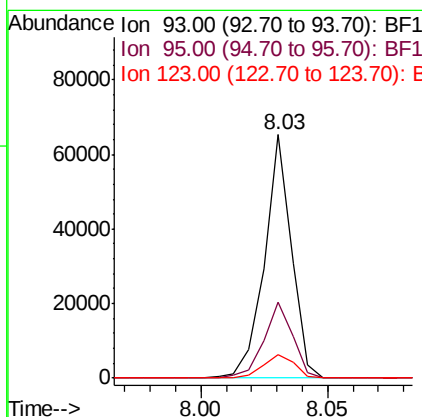
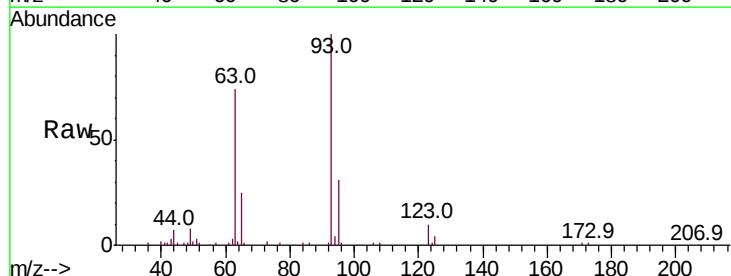
Instrument :
 BNA_F
 ClientSampleId :

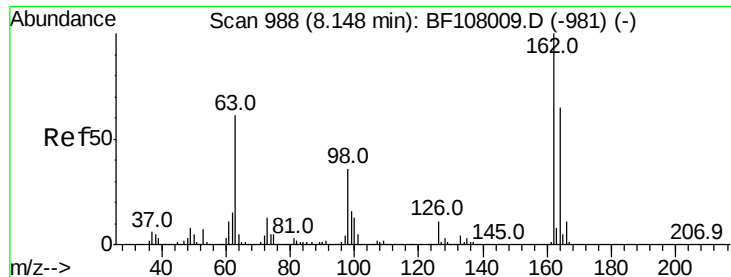
Tot Ion:122 Resp: 41704
 Ion Ratio Lower Upper
 122 100
 107 118.1 91.2 136.8
 121 60.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.234 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion: 93 Resp: 48609
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.3 39.5
 123 9.6 9.8 14.6#

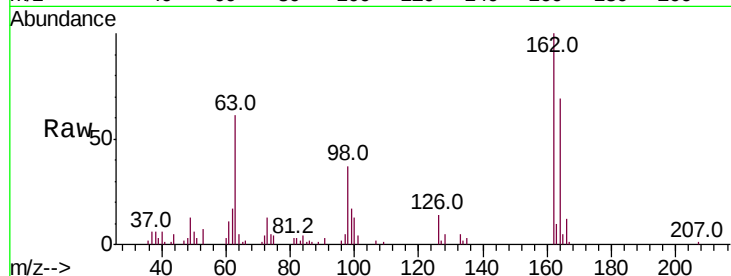




#29
2,4-Dichlorophenol
Concen: 1.926 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	42.7	82.7
98	36.6	18.1	58.1

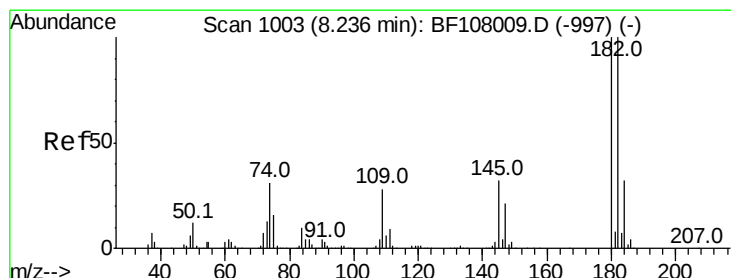
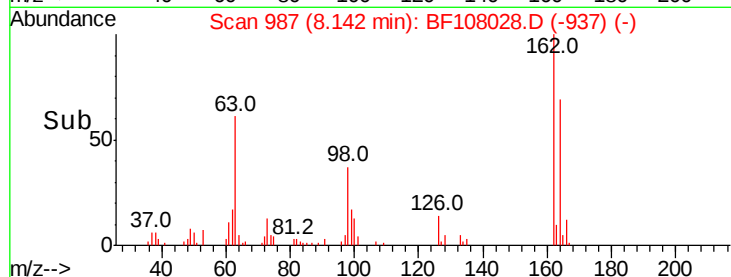
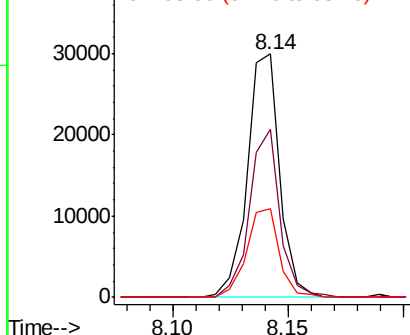


Abundance

Ion 162.00 (161.70 to 162.70): E

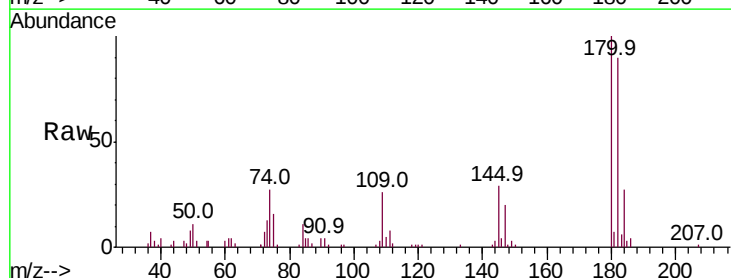
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 2.327 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.8	115.2
145	28.6	26.5	39.7

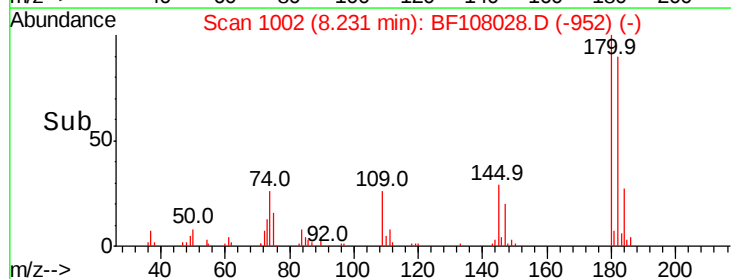
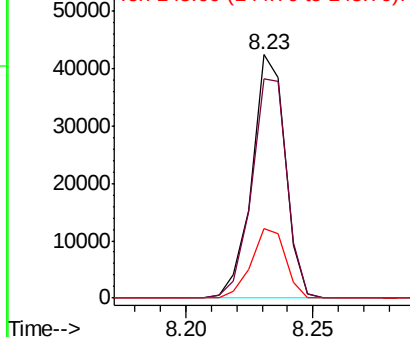


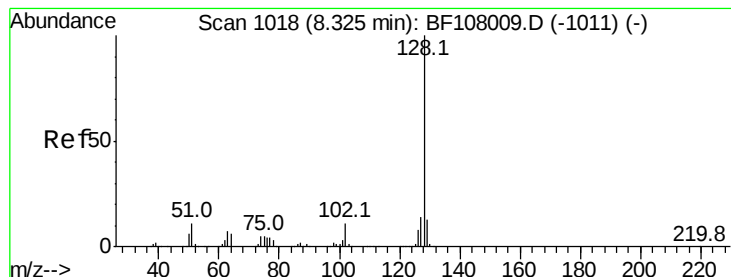
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.447 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

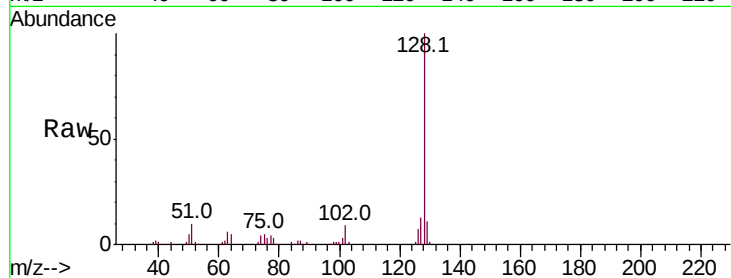
Tot Ion:128 Resp: 121446

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

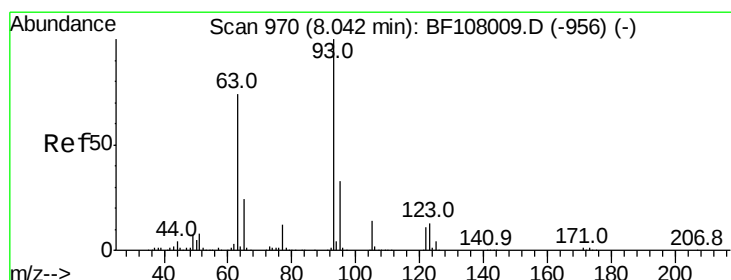
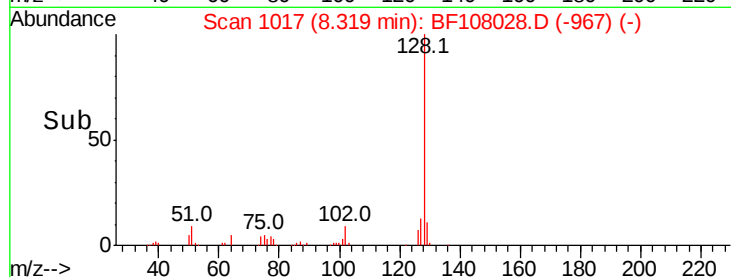
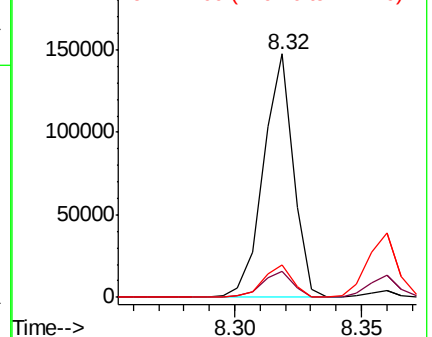
127 13.4 10.9 16.3



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: 9.778 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.11 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

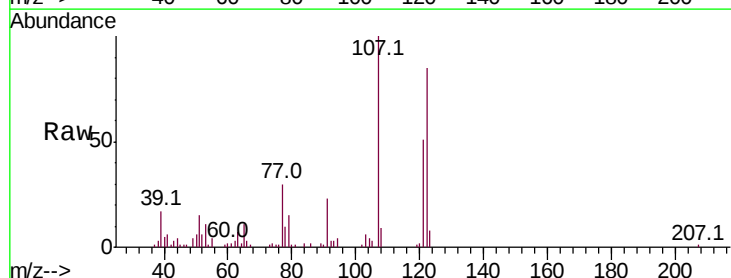
Tgt Ion:122 Resp: 41704

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

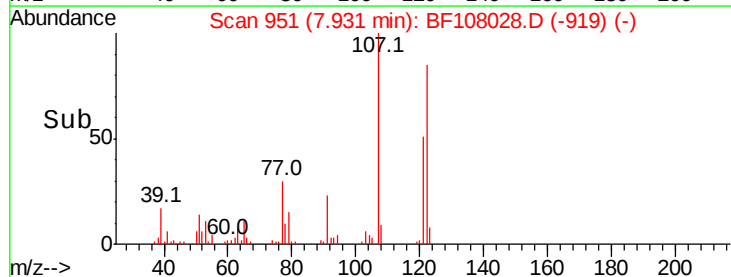
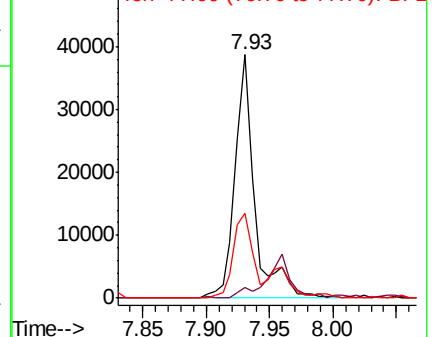
77 35.0 70.7 110.7#

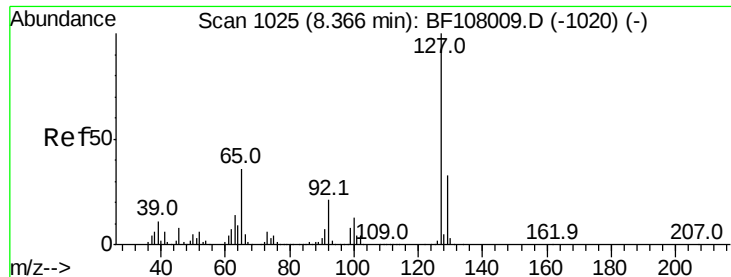


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

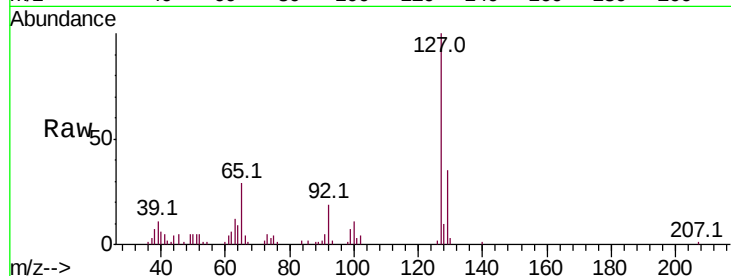




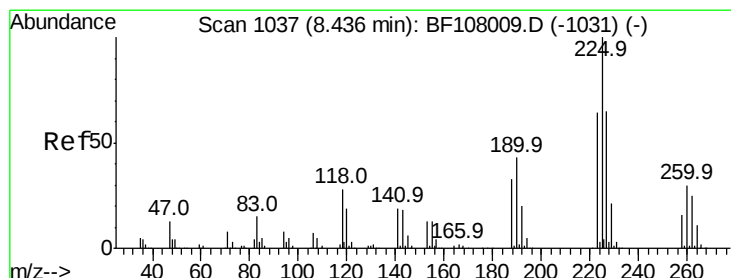
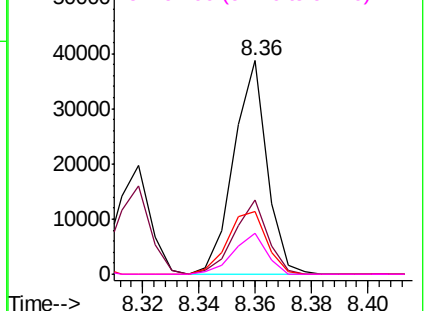
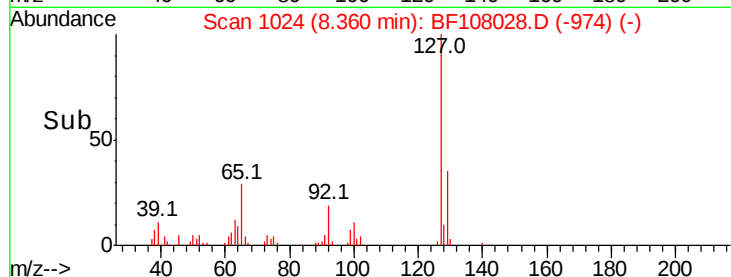
#33
4-Chloroaniline
Concen: 1.463 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	31650
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.9	38.9
65	29.4	25.0	37.4
92	19.4	15.2	22.8

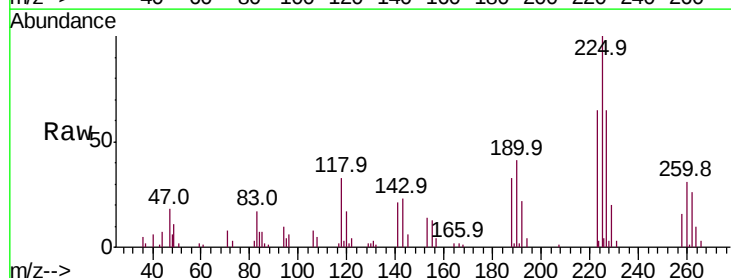


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

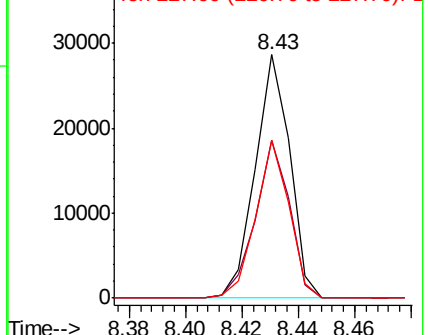
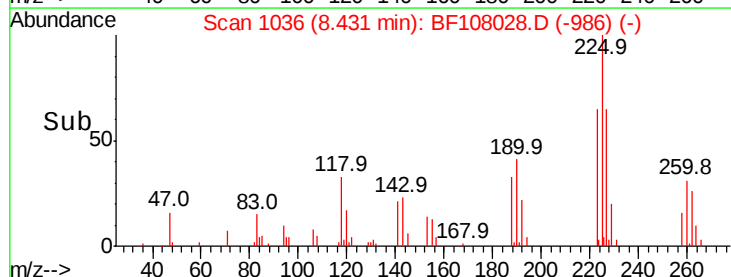


#34
Hexachlorobutadiene
Concen: 2.295 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:	225	Resp:	24391
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.2	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

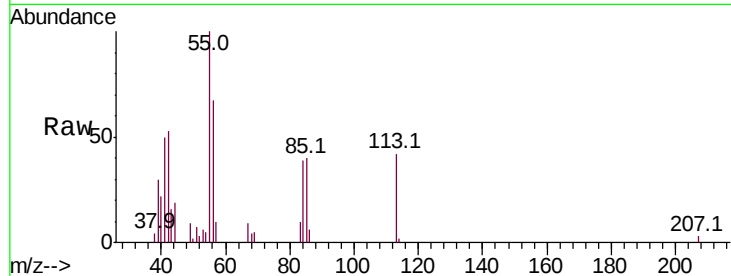




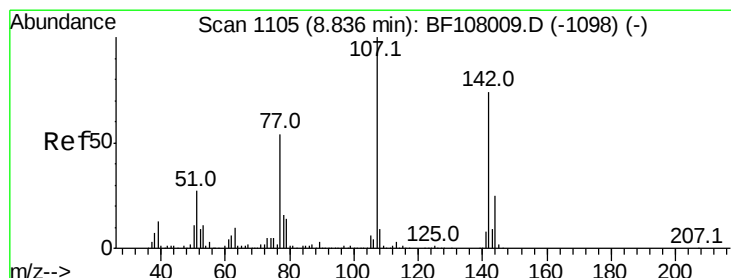
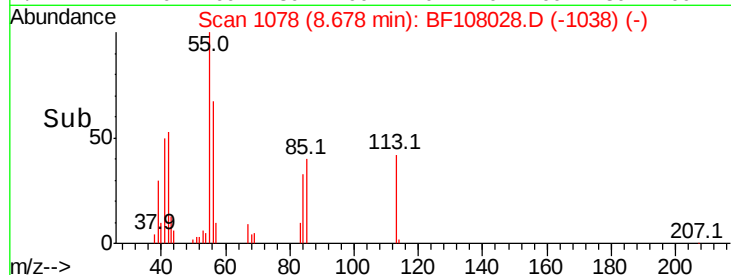
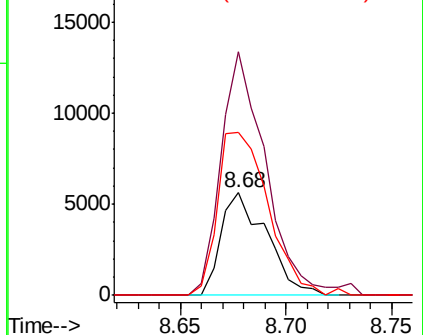
#35
 Caprolactam
 Concen: 1.756 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.06 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 8379
 Ion Ratio Lower Upper
 113 100
 55 237.9 163.3 203.3#
 56 158.8 115.7 155.7#

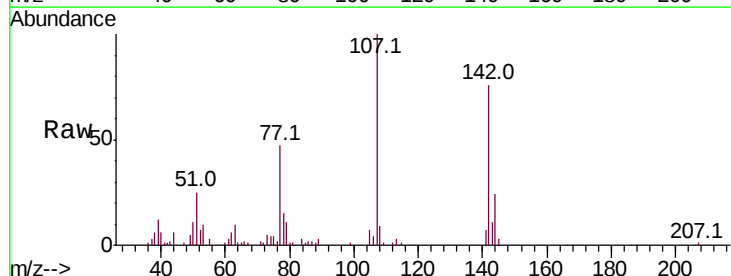


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

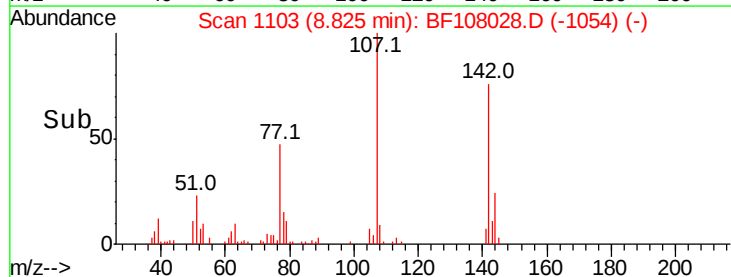
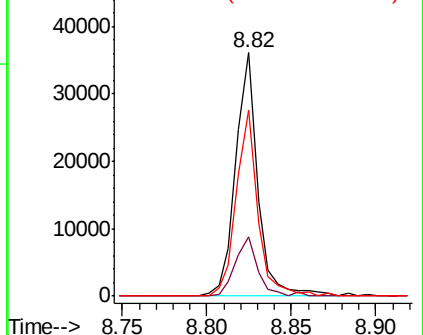


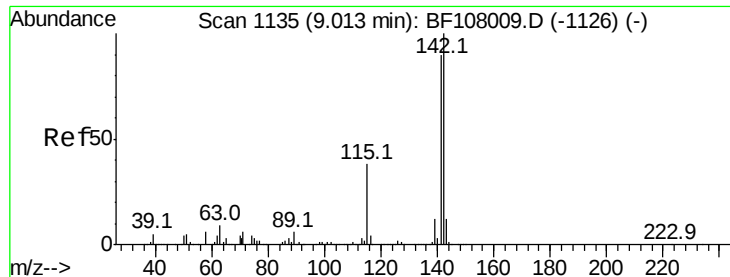
#36
 4-Chloro-3-methylphenol
 Concen: 2.002 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:107 Resp: 32882
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 76.5 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

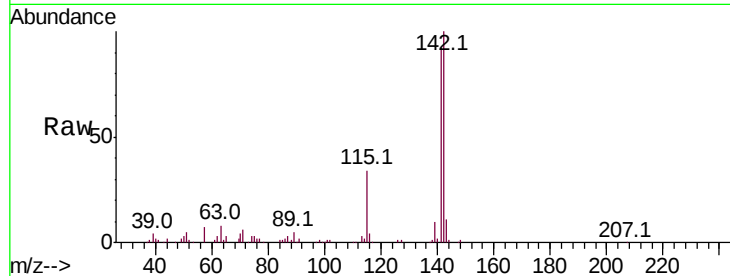




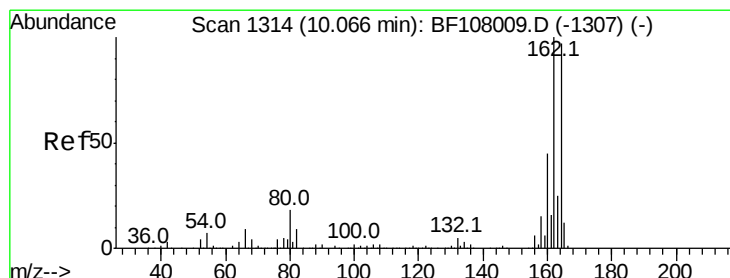
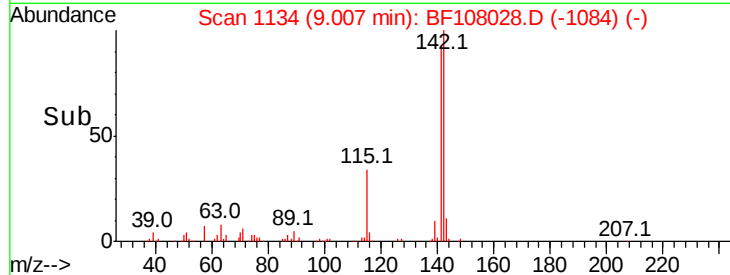
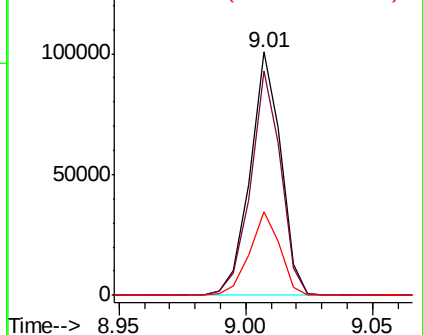
#37
2-Methylnaphthalene
Concen: 2.427 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.8	106.2
115	34.2	26.1	39.1

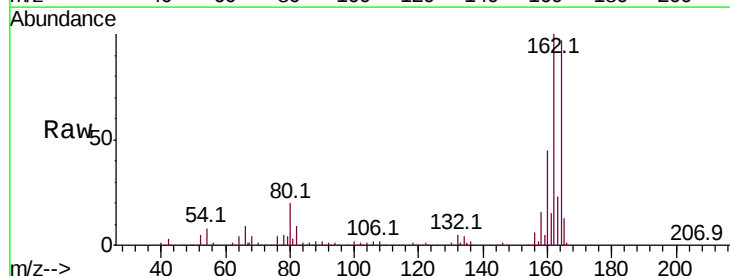


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

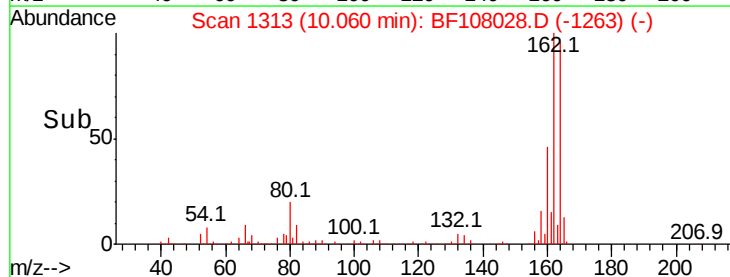
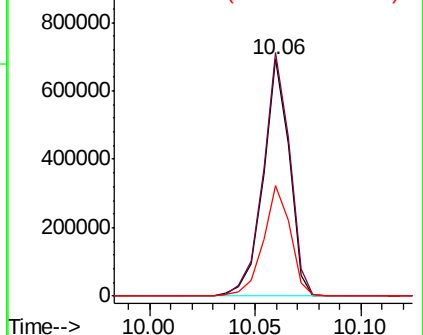


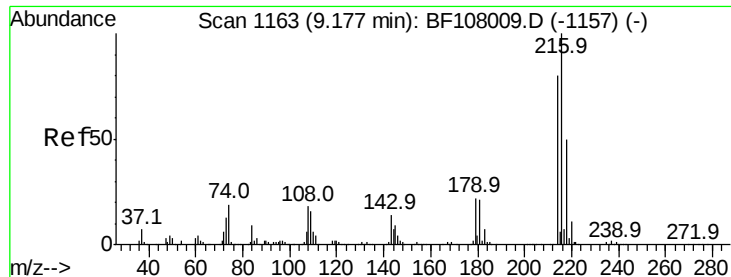
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.7	38.3	57.5



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

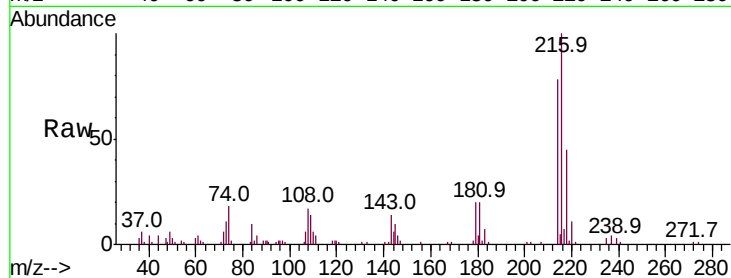




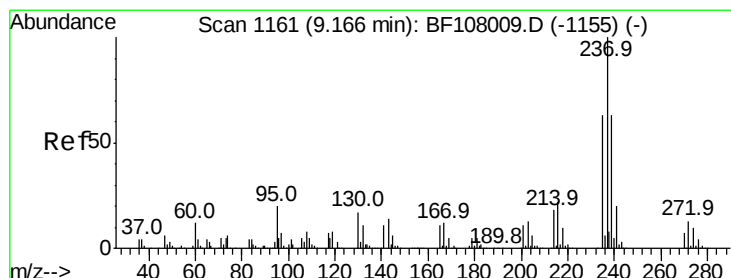
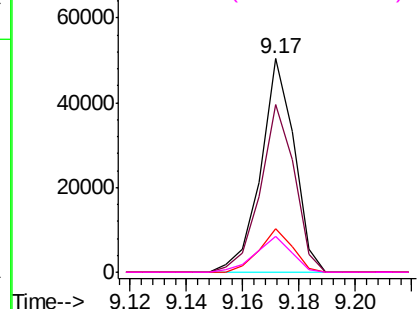
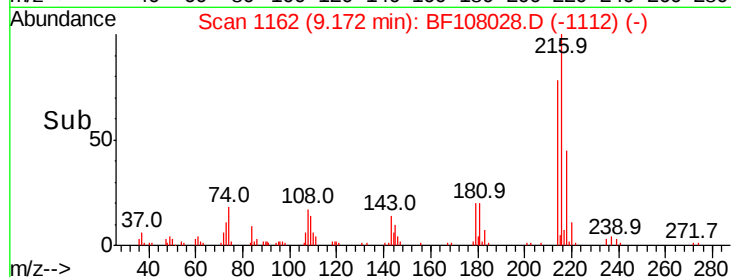
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.263 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	41490
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.2	18.1	27.1
108	18.4	17.2	25.8

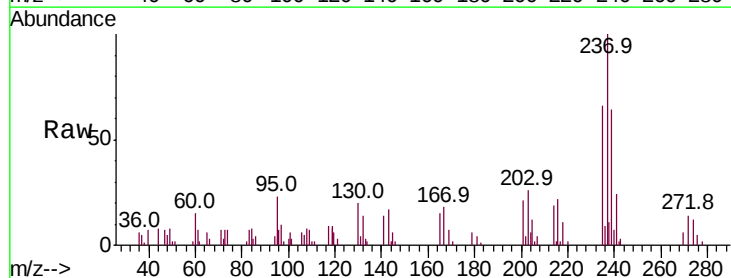


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

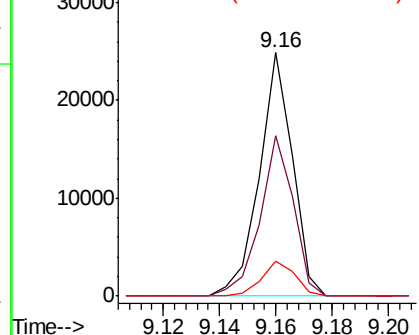
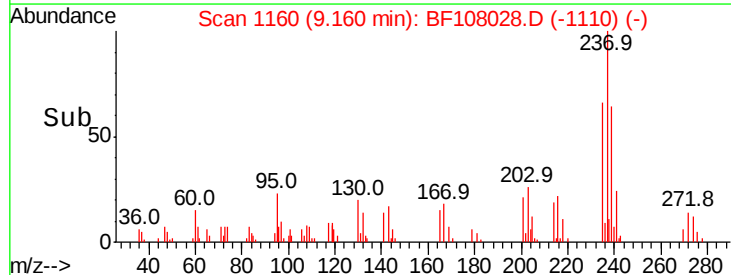


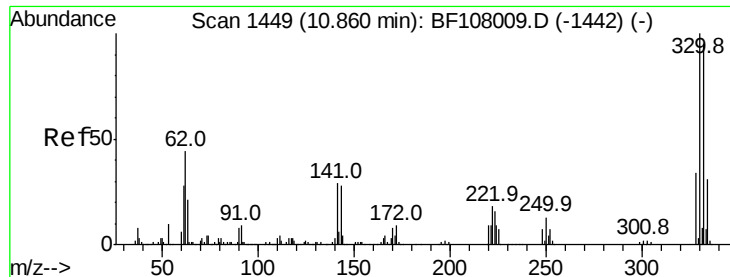
#40
 Hexachlorocyclopentadiene
 Concen: 1.707 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:	237	Resp:	20217
Ion	Ratio	Lower	Upper
237	100		
235	66.0	44.8	84.8
272	14.2	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

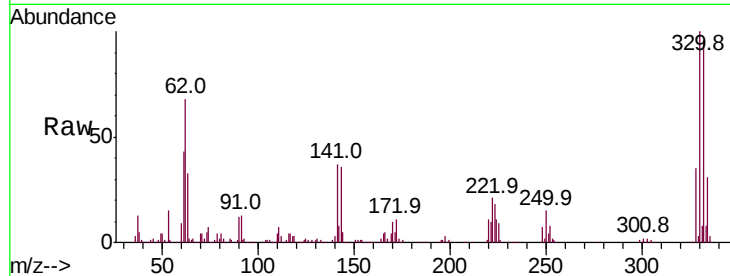




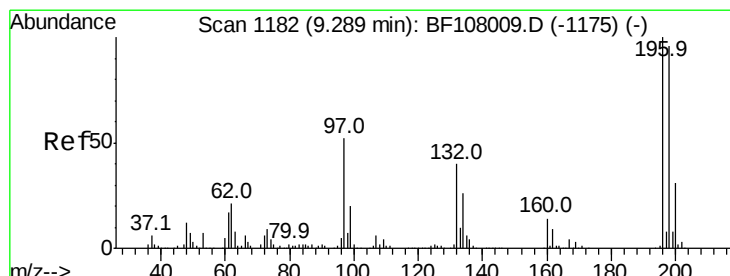
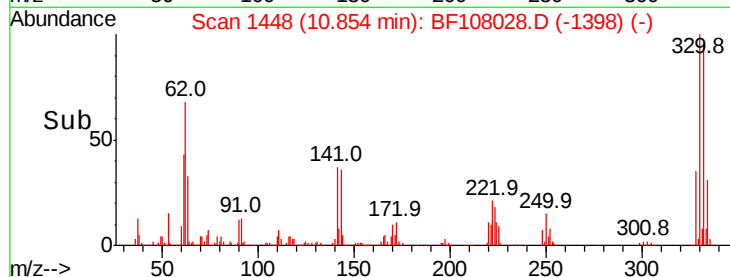
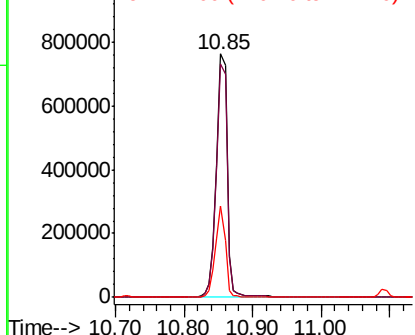
#41
 2,4,6-Tribromophenol
 Concen: 139.846 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 832774
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 34.4 29.9 44.9

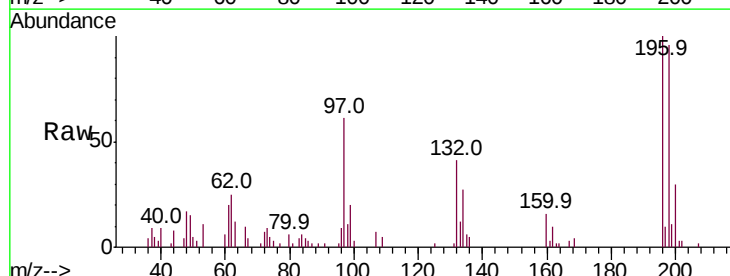


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

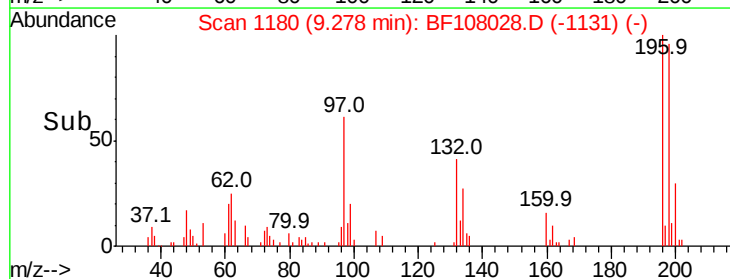
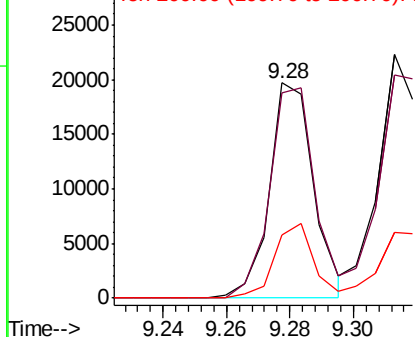


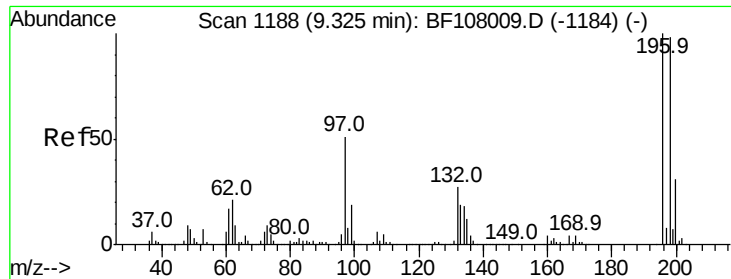
#42
 2,4,6-Trichlorophenol
 Concen: 1.684 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:196 Resp: 19161
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 29.6 24.5 36.7



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

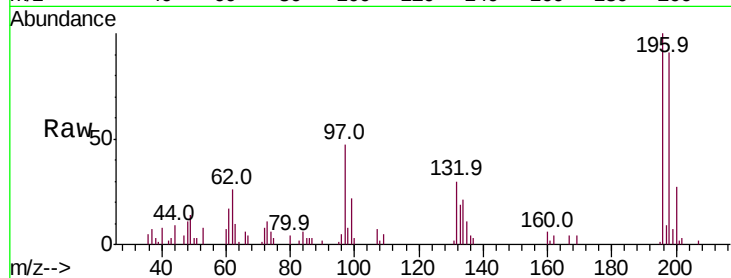




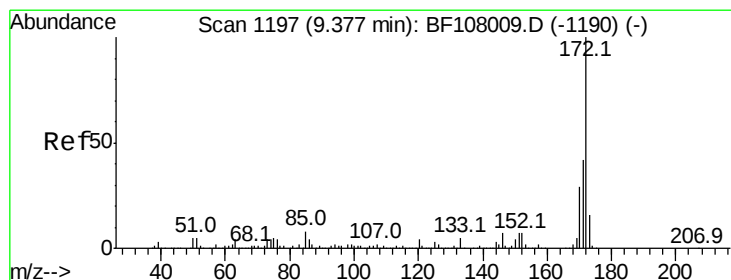
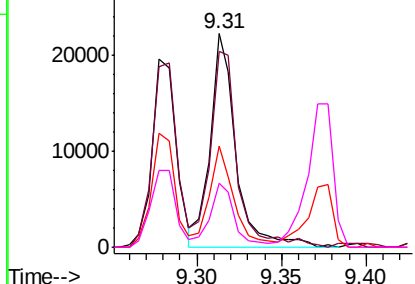
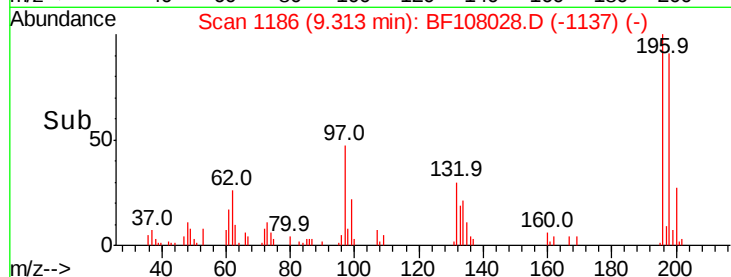
#43
 2,4,5-Trichlorophenol
 Concen: 1.903 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 23831
 Ion Ratio Lower Upper
 196 100
 198 91.4 74.6 112.0
 97 47.4 42.9 64.3
 132 30.0 26.3 39.5

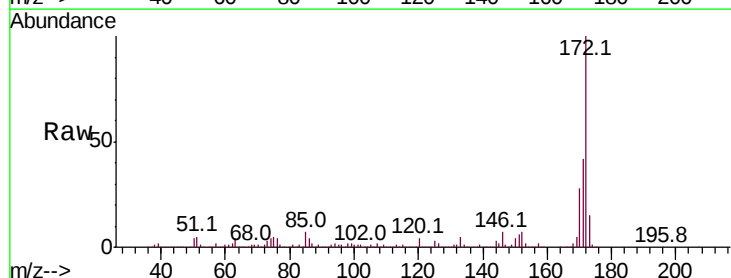


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

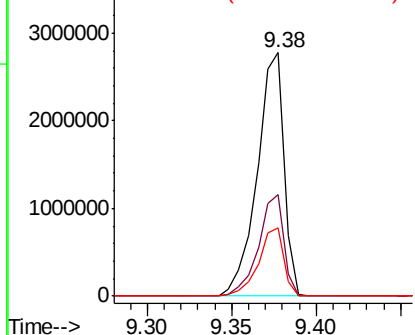
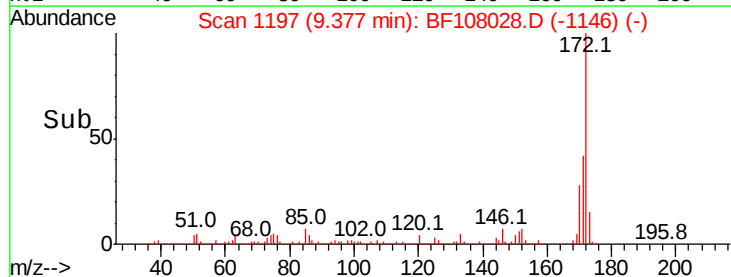


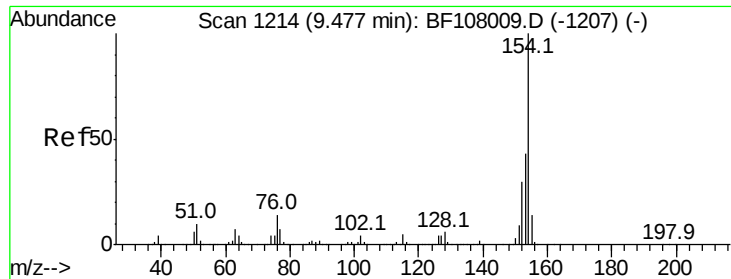
#44
 2-Fluorobiphenyl
 Concen: 82.163 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:172 Resp: 3055256
 Ion Ratio Lower Upper
 172 100
 171 41.8 29.7 44.5
 170 28.2 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

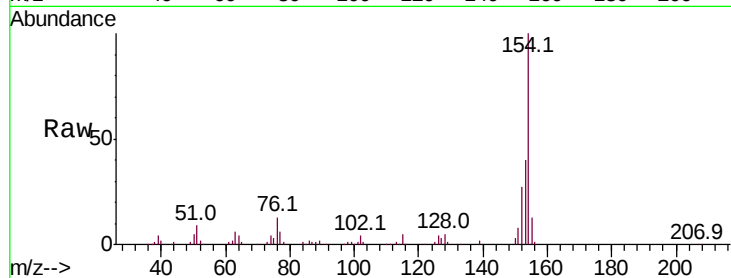




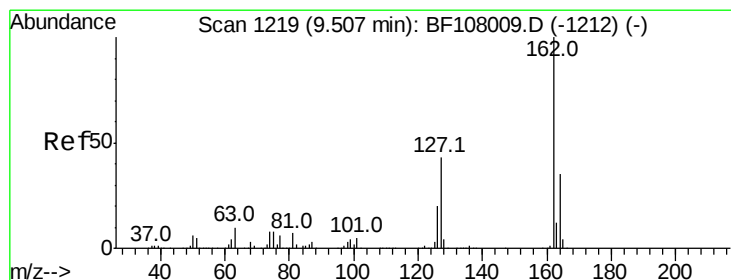
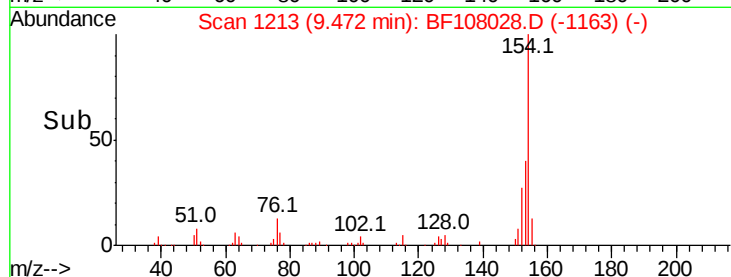
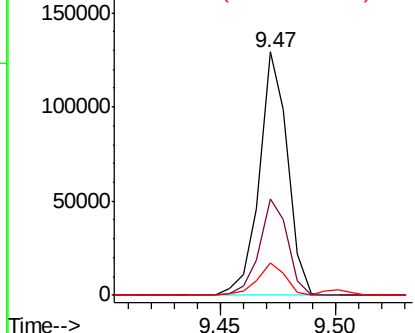
#45
 1,1'-Biphenyl
 Concen: 2.494 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	13.2	0.0	34.0

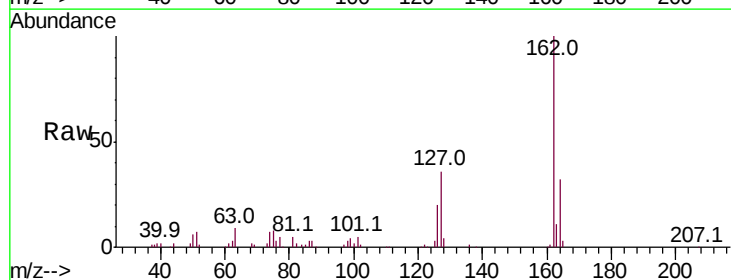


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

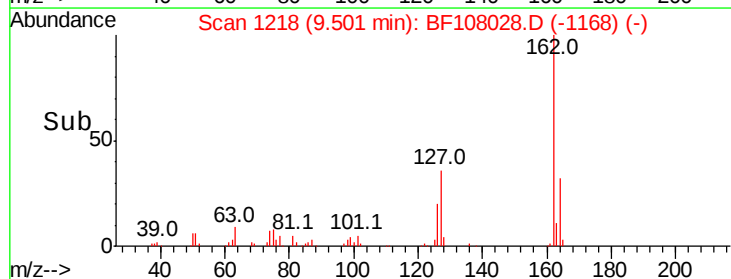
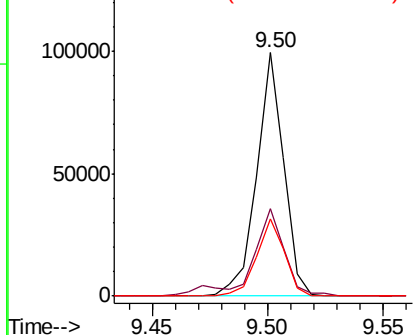


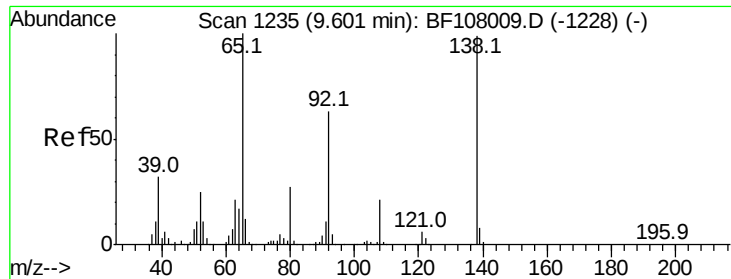
#46
 2-Chloronaphthalene
 Concen: 2.346 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.9	33.9	50.9
164	31.7	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

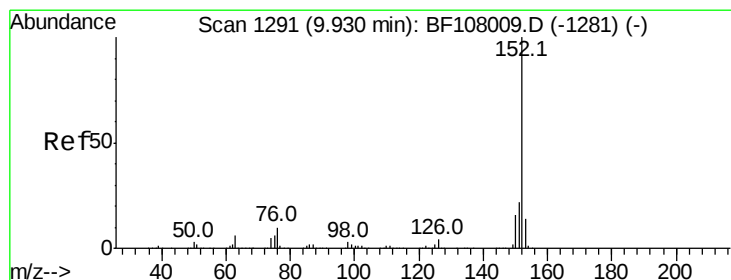
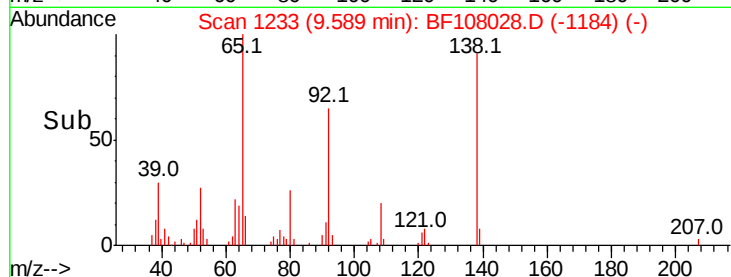
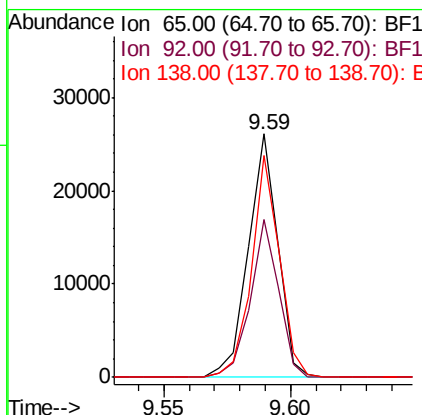
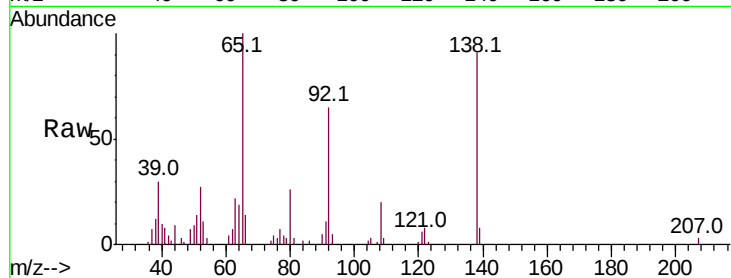




#47
2-Nitroaniline
Concen: 1.879 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

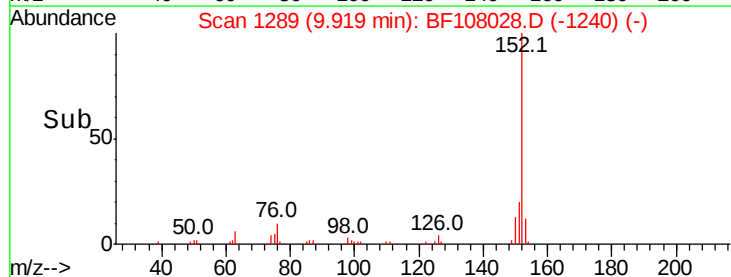
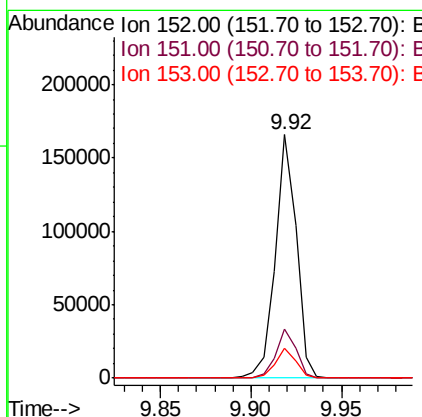
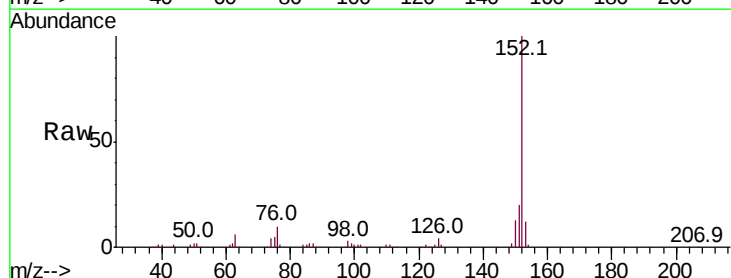
Instrument :
BNA_F
ClientSampleId :

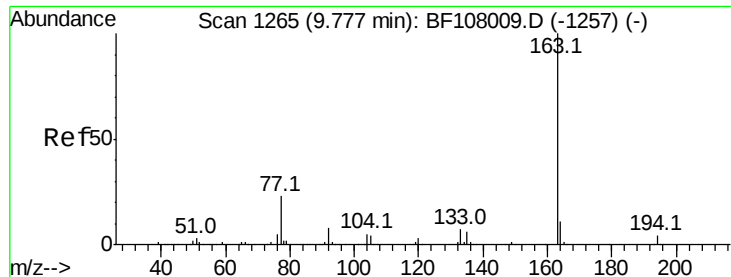
Tot Ion: 65 Resp: 21150
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 91.1 91.2 136.8#



#48
Acenaphthylene
Concen: 2.425 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion: 152 Resp: 133349
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.2 10.7 16.1

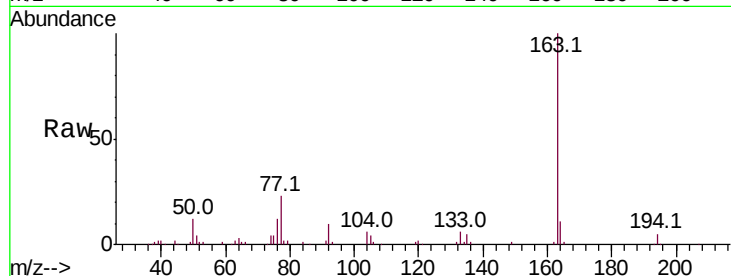




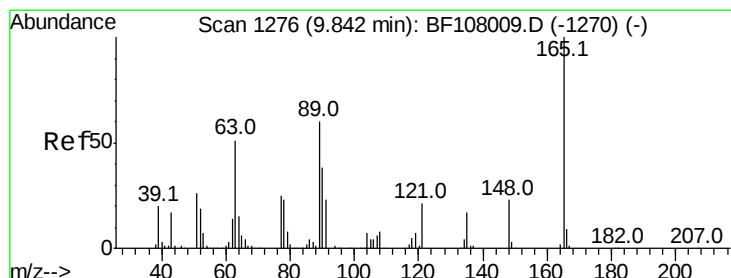
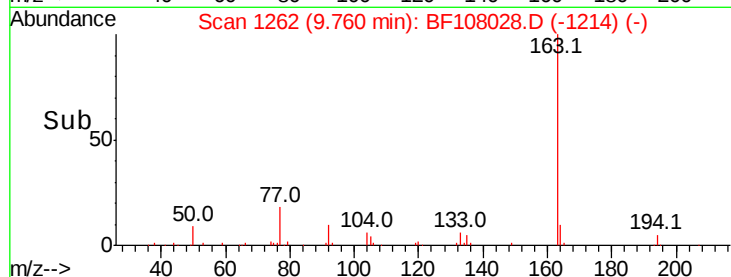
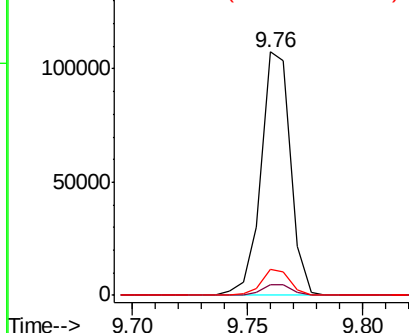
#49
Dimethylphthalate
Concen: 2.309 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 96020
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.7 8.2 12.2

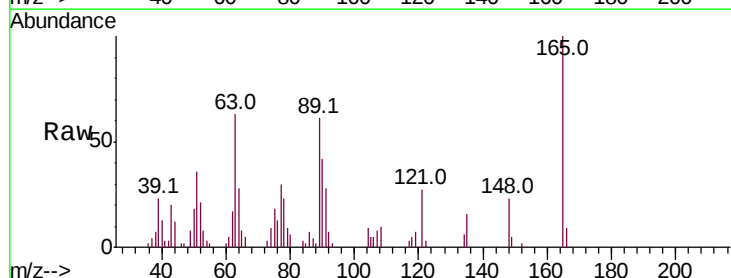


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

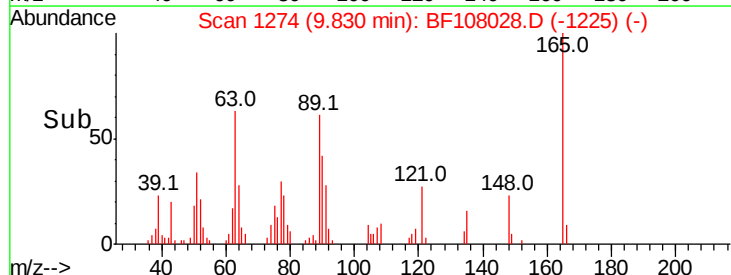
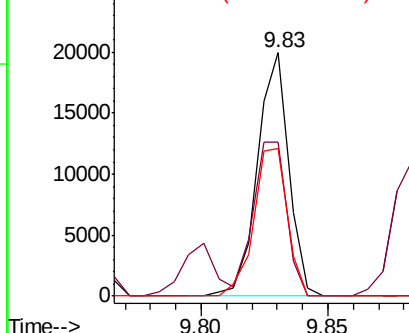


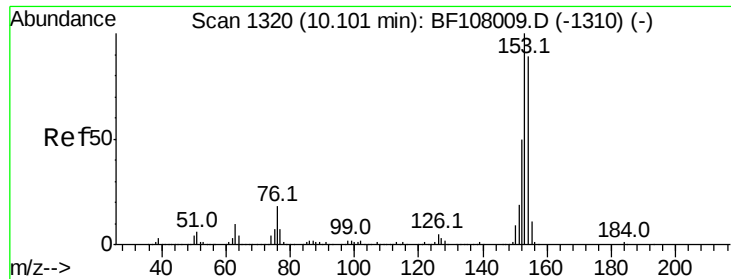
#50
2,6-Dinitrotoluene
Concen: 1.978 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:165 Resp: 17212
Ion Ratio Lower Upper
165 100
63 63.5 44.7 67.1
89 60.6 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: 2.326 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

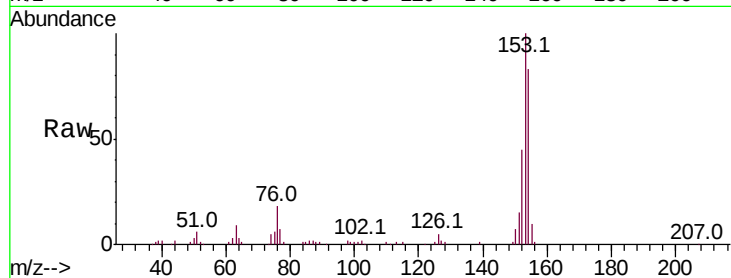
Tot Ion:154 Resp: 78363

Ion Ratio Lower Upper

154 100

153 120.7 91.2 136.8

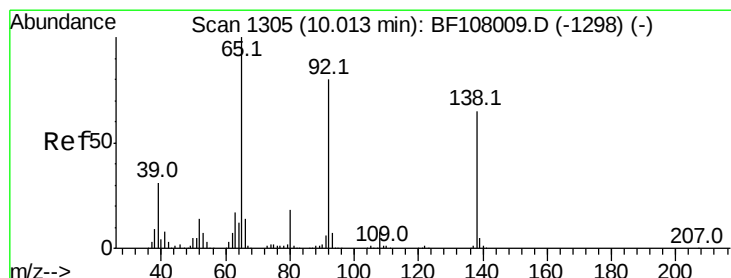
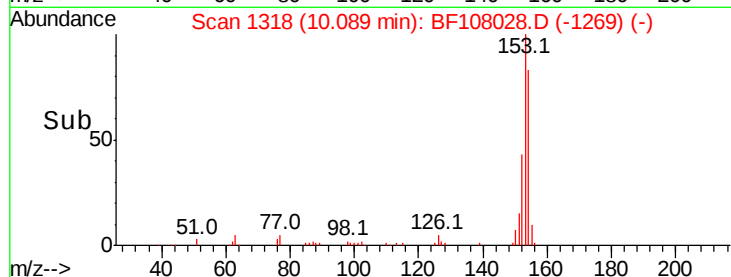
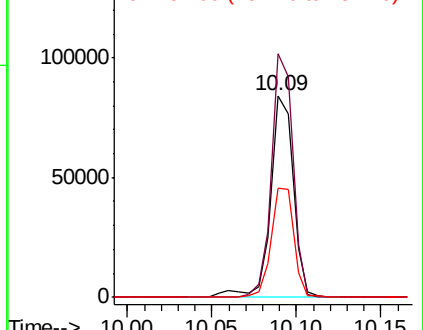
152 54.0 43.8 65.8



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: 1.689 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

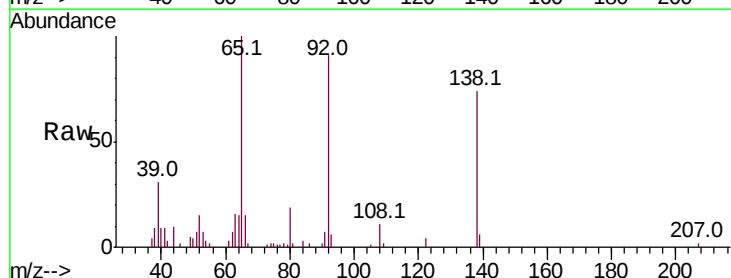
Tgt Ion:138 Resp: 16080

Ion Ratio Lower Upper

138 100

108 15.0 9.4 14.0#

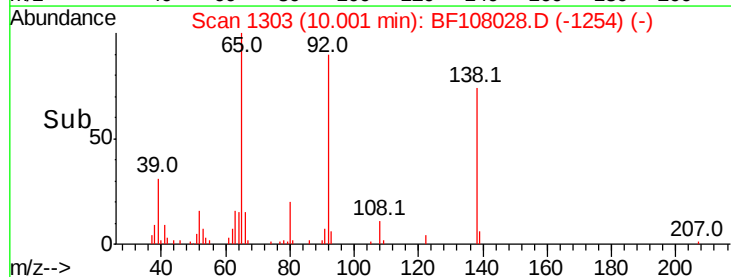
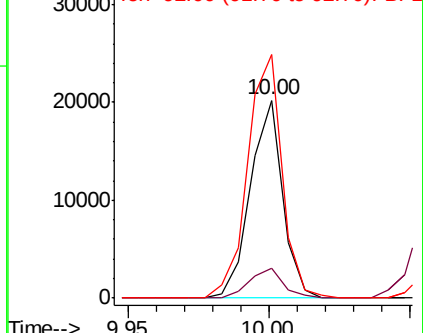
92 123.2 89.4 134.2

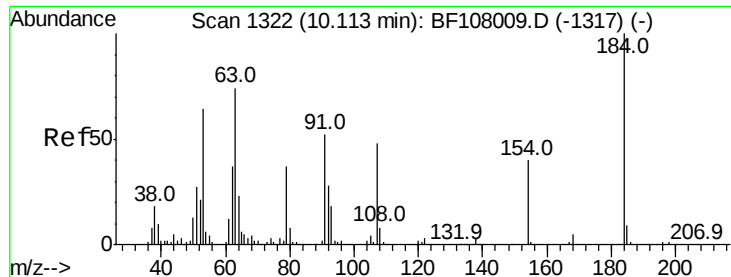


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

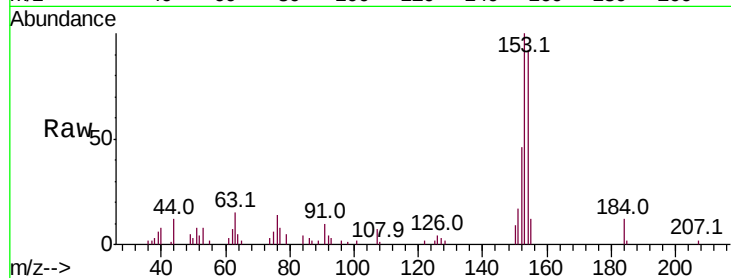




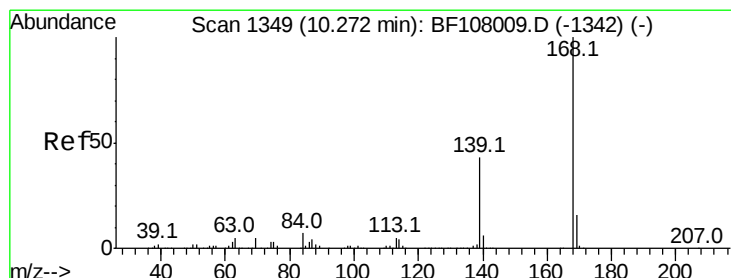
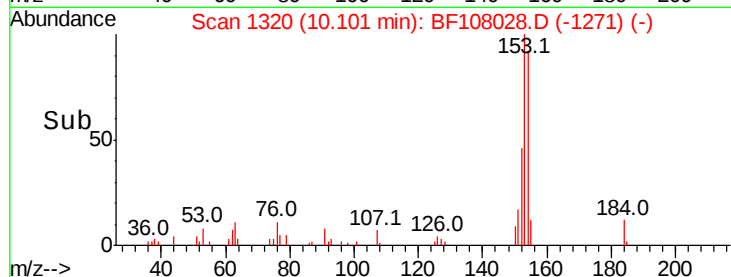
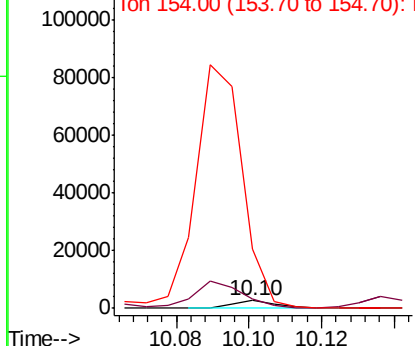
#53
2,4-Dinitrophenol
Concen: 7.610 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2105
Ion Ratio Lower Upper
184 100
63 121.1 54.2 81.2#
154 741.0 184.0 276.0#

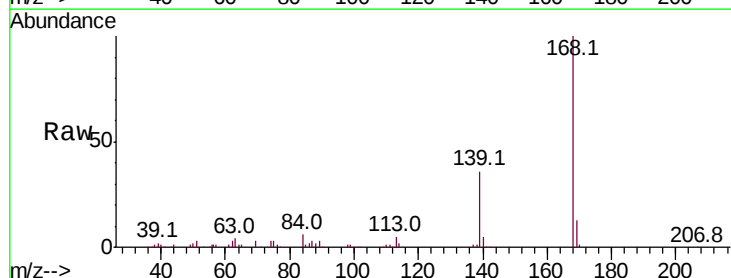


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

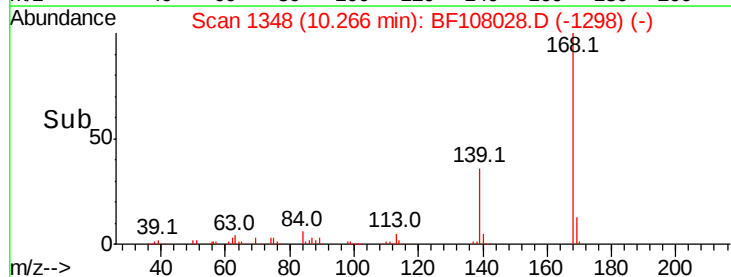
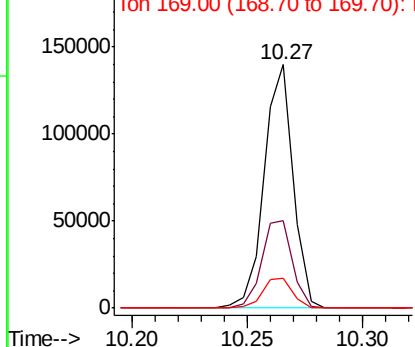


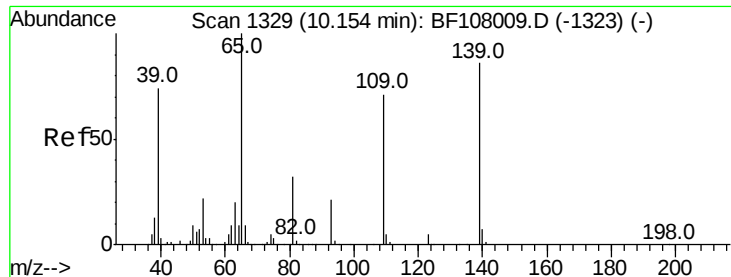
#54
Dibenzofuran
Concen: 2.492 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:168 Resp: 121640
Ion Ratio Lower Upper
168 100
139 35.9 30.1 45.1
169 12.5 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

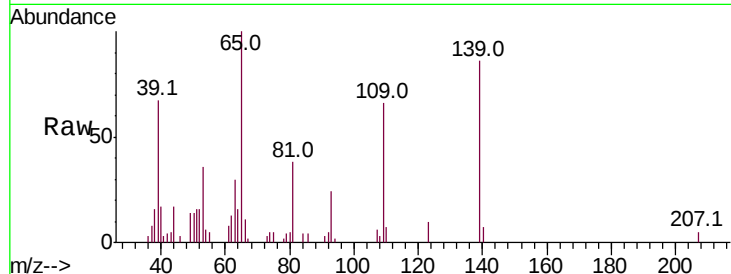




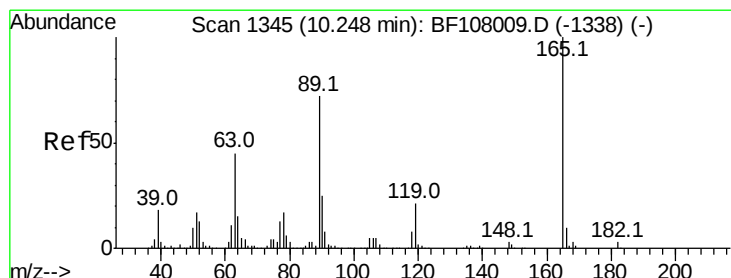
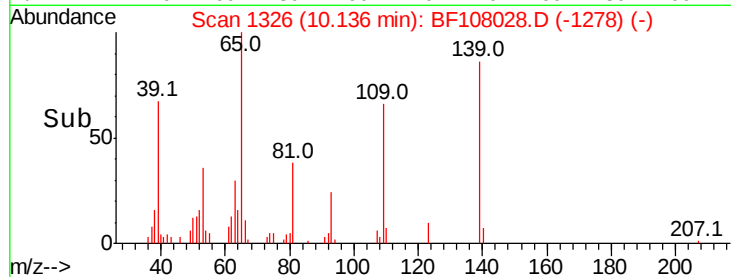
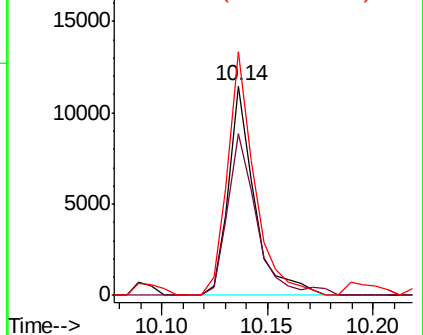
#55
4-Nitrophenol
Concen: 1.350 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 9730
Ion Ratio Lower Upper
139 100
109 77.1 48.4 88.4
65 116.4 72.6 112.6#



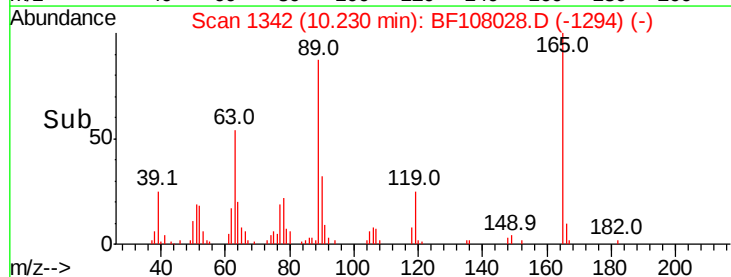
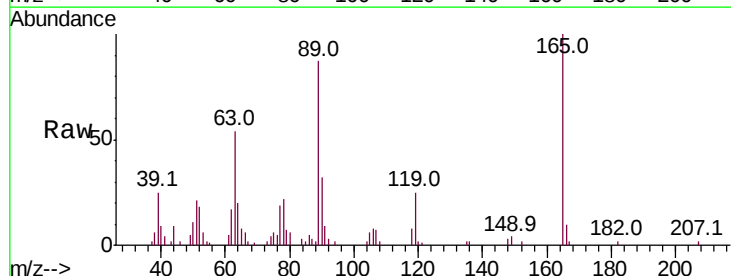
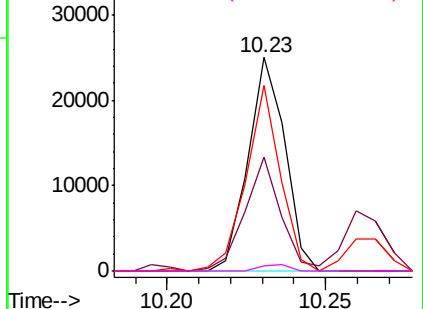
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

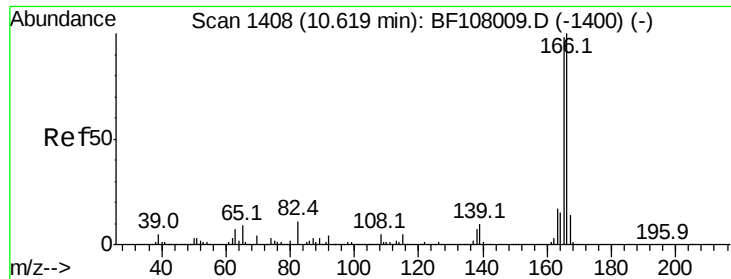


#56
2,4-Dinitrotoluene
Concen: 1.800 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:165 Resp: 20161
Ion Ratio Lower Upper
165 100
63 53.6 36.4 54.6
89 86.9 57.8 86.6#
182 2.4 1.6 2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

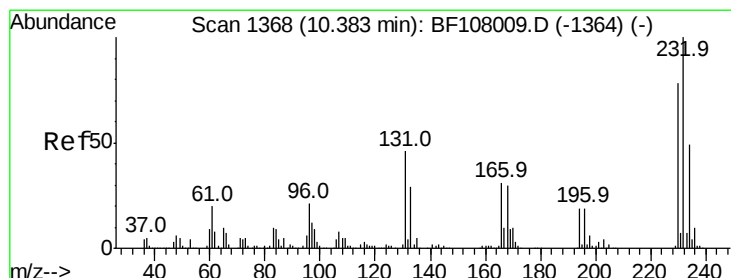
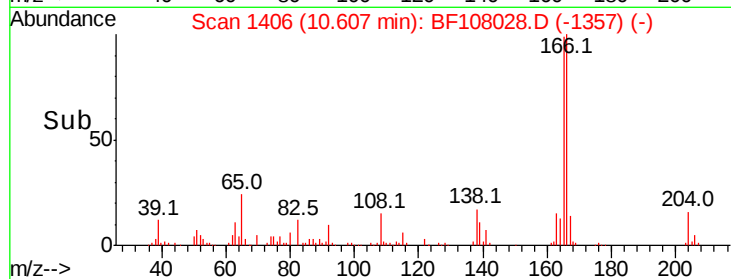
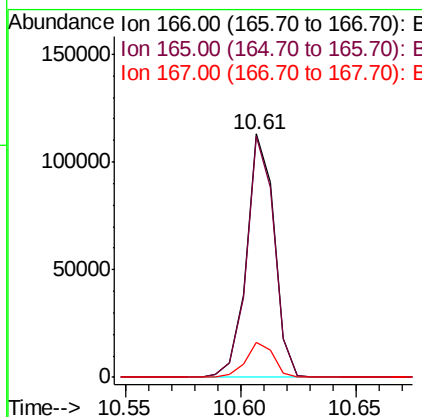
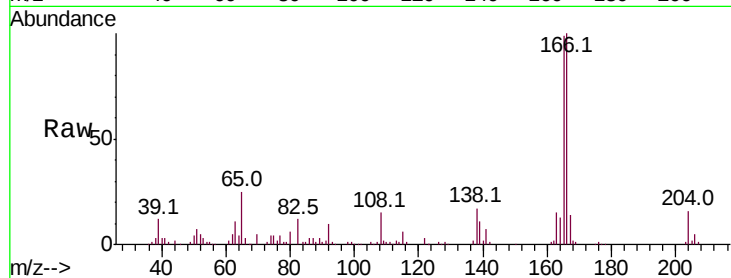




#57
 Fluorene
 Concen: 2.463 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

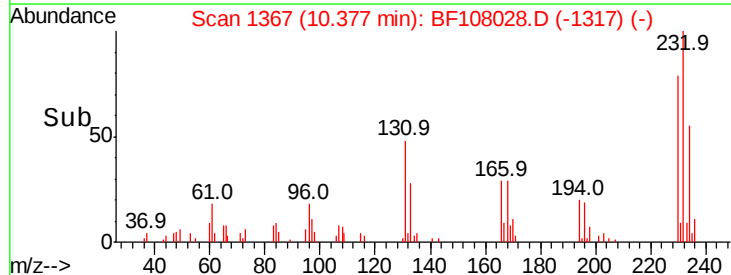
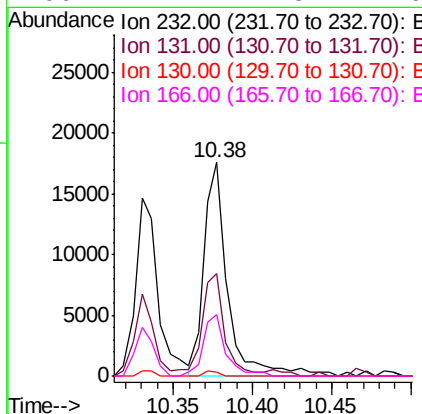
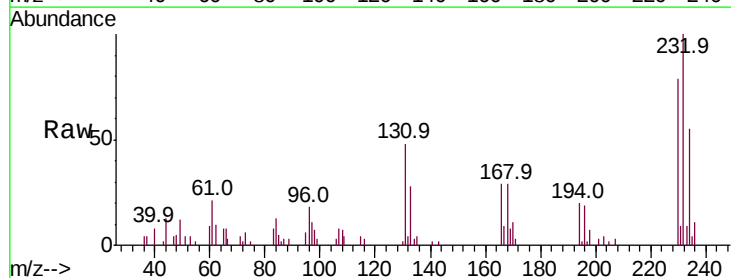
Instrument :
 BNA_F
 ClientSampleId :

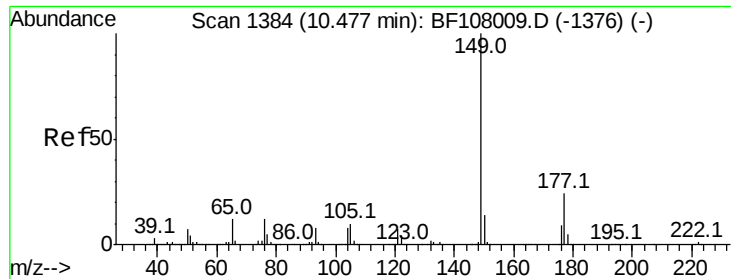
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	14.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.765 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.3	43.8	65.8#
130	1.5	2.1	3.1#
166	27.7	27.8	41.6#

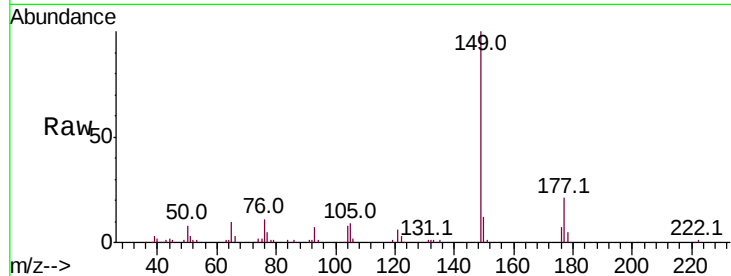




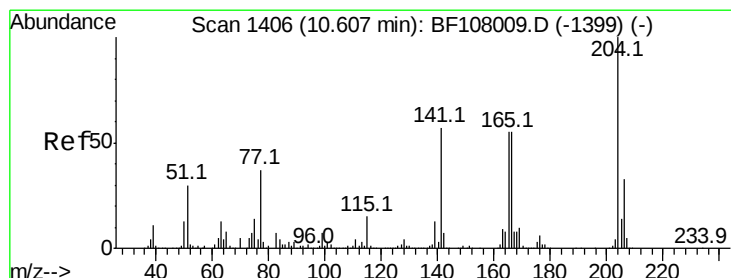
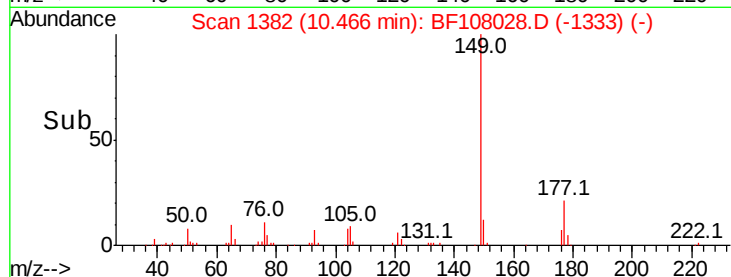
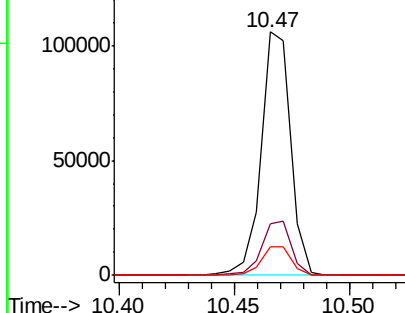
#59
 Diethylphthalate
 Concen: 2.346 ng
 RT: 10.47 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	94471
Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	11.9	10.1	15.1

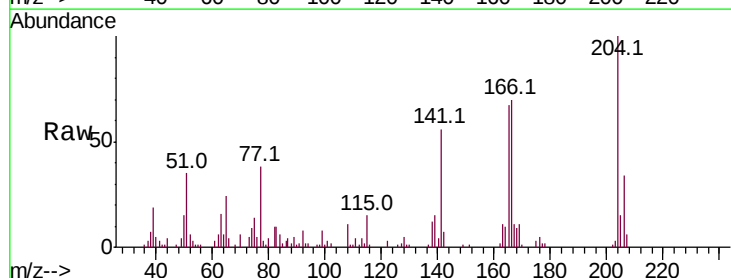


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

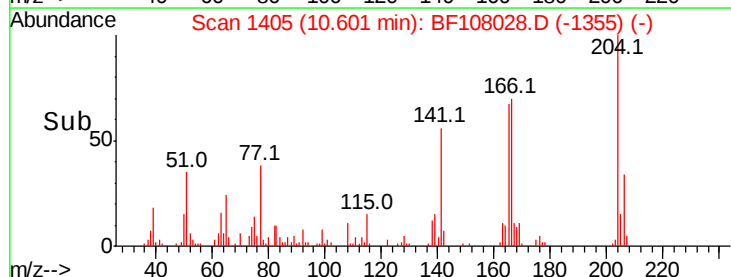
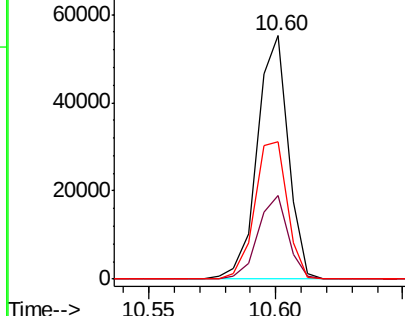


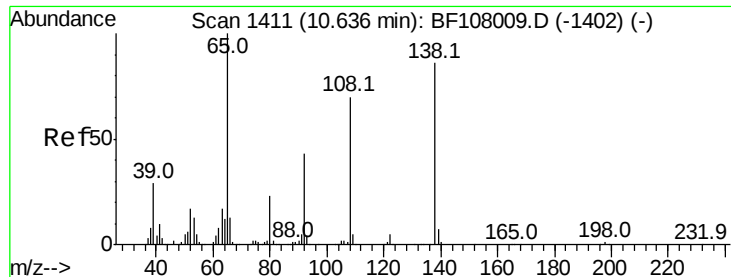
#60
 4-Chlorophenyl-phenylether
 Concen: 2.349 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:	204	Resp:	47287
Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.5	39.7
141	56.4	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

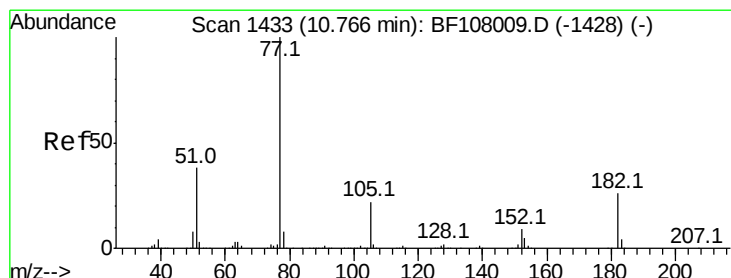
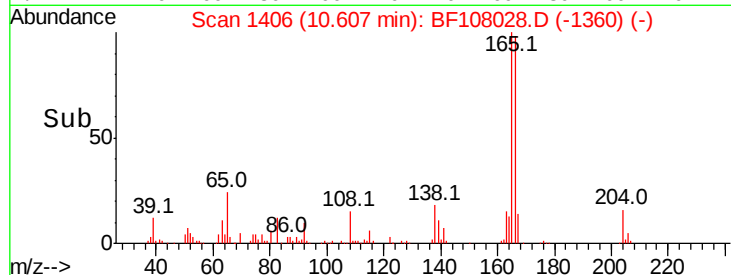
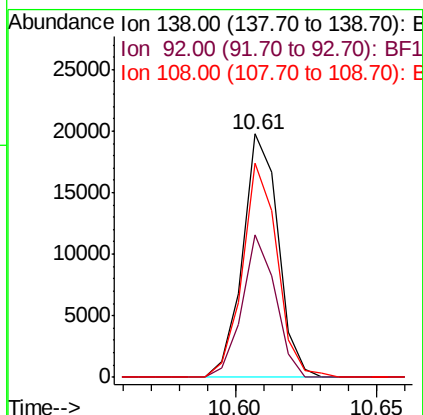
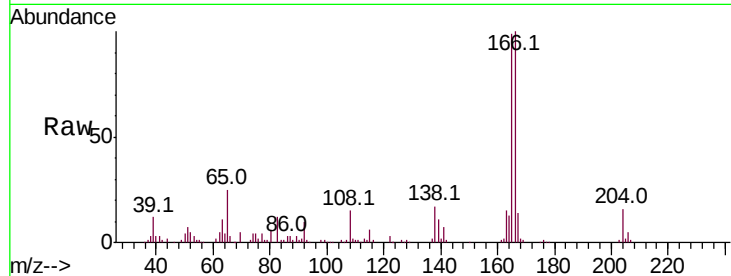




#61
4-Nitroaniline
Concen: 1.833 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

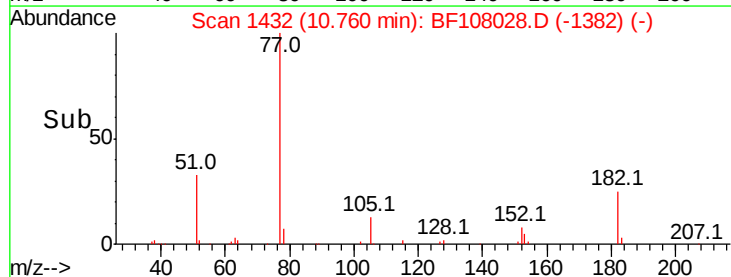
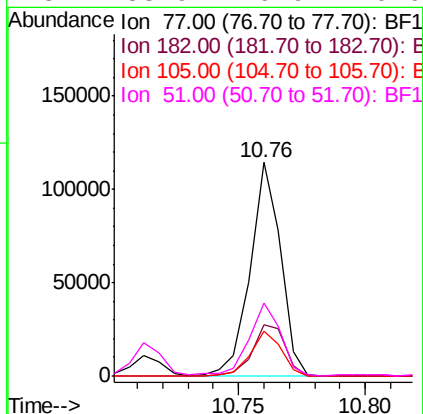
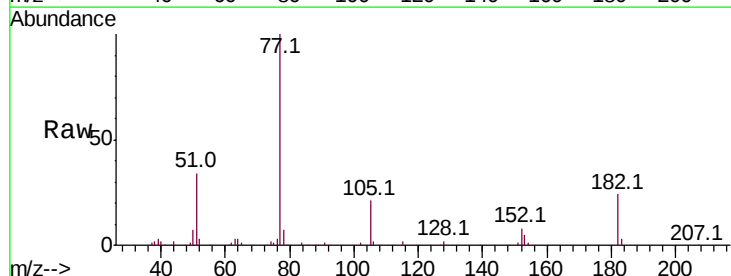
Instrument :
BNA_F
ClientSampled :

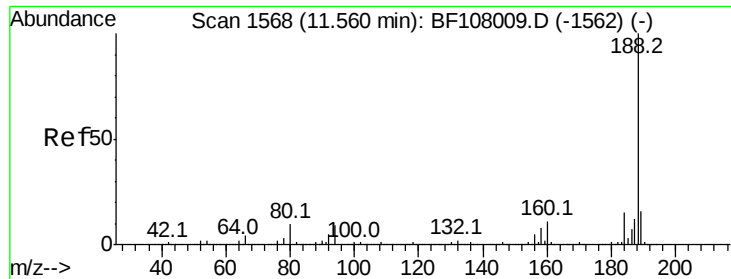
Tot Ion:138 Resp: 17248
Ion Ratio Lower Upper
138 100
92 58.4 30.2 70.2
108 88.2 52.5 92.5



#62
Azobenzene
Concen: 2.306 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion: 77 Resp: 95913
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 21.1 3.0 43.0
51 33.9 9.9 49.9

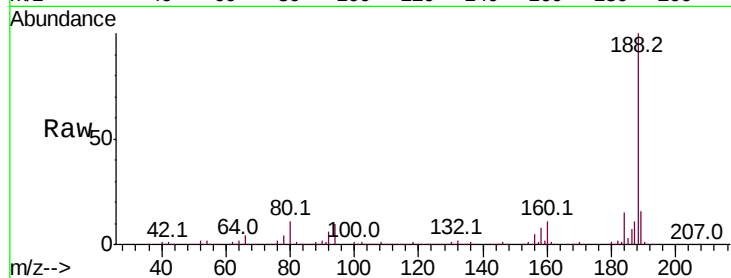




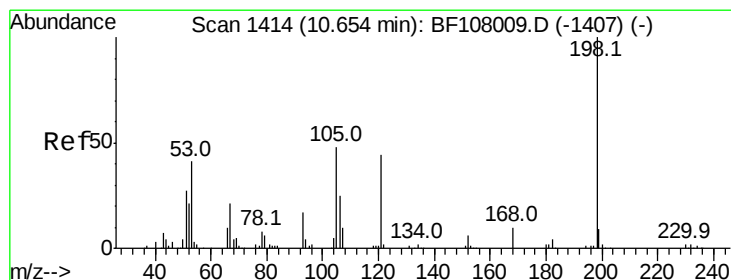
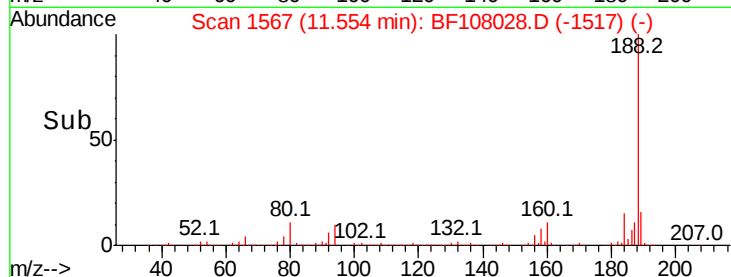
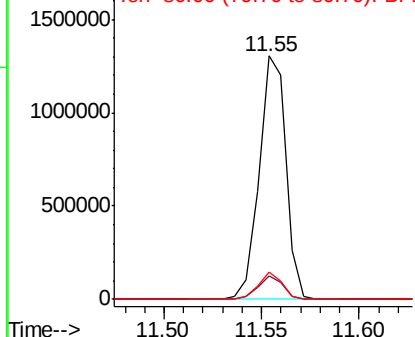
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1234980
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.1 9.2 13.8

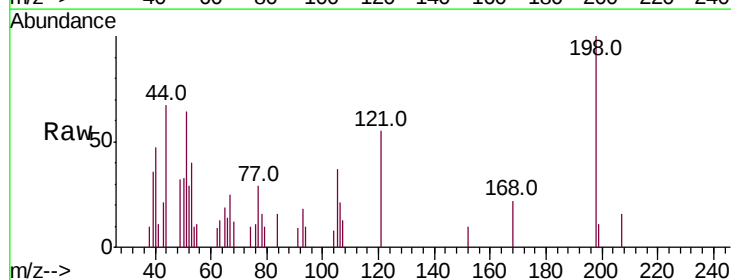


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

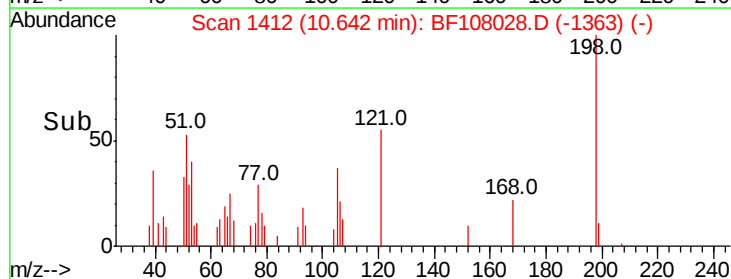
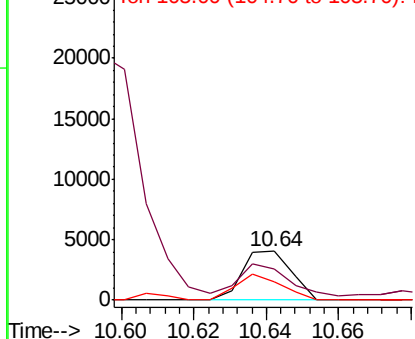


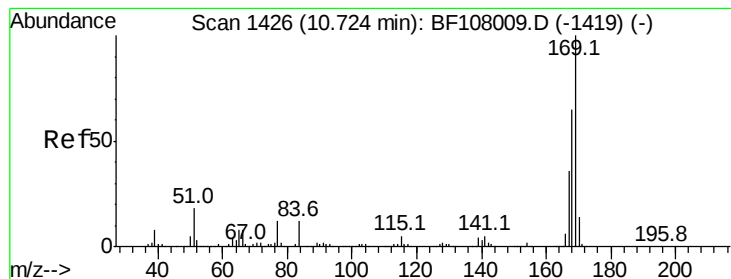
#64
4,6-Dinitro-2-methylphenol
Concen: 6.086 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:198 Resp: 3794
Ion Ratio Lower Upper
198 100
51 64.4 37.7 77.7
105 37.0 36.3 76.3



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

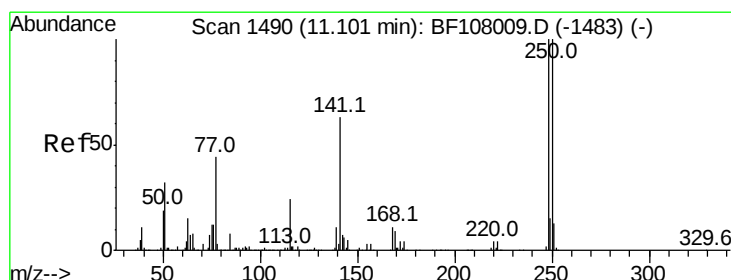
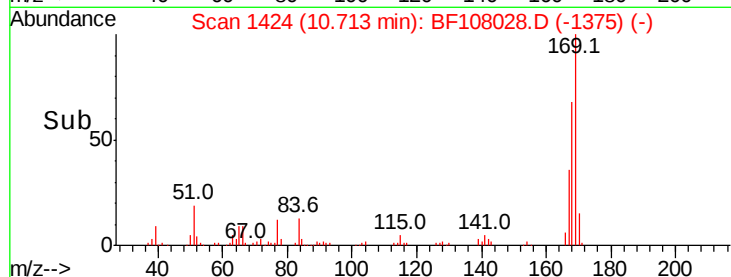
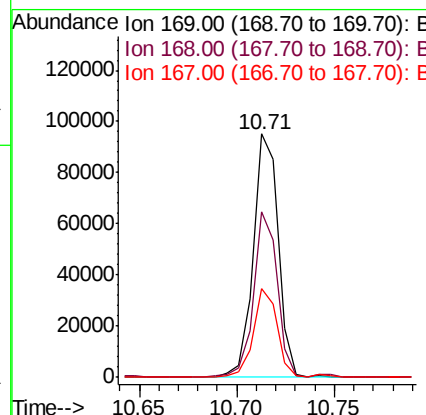
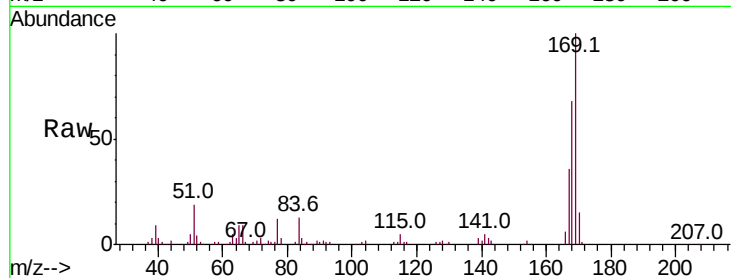




#65
 n-Nitrosodiphenylamine
 Concen: 2.317 ng
 RT: 10.71 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

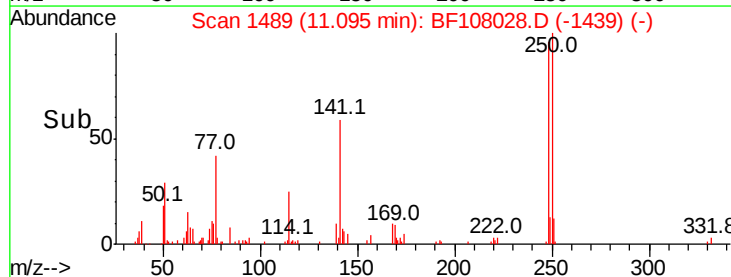
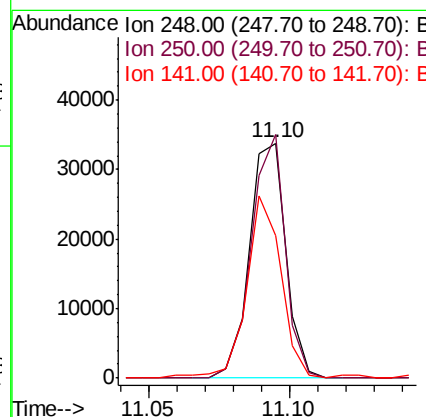
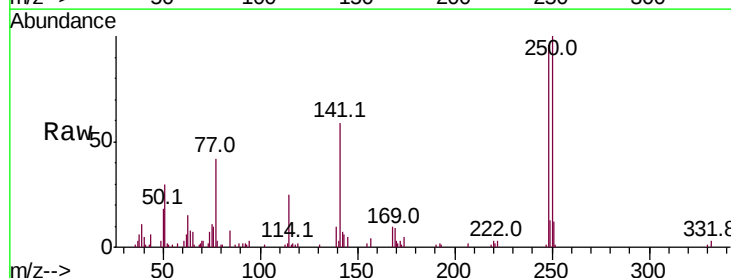
Instrument :
 BNA_F
 ClientSampleId :

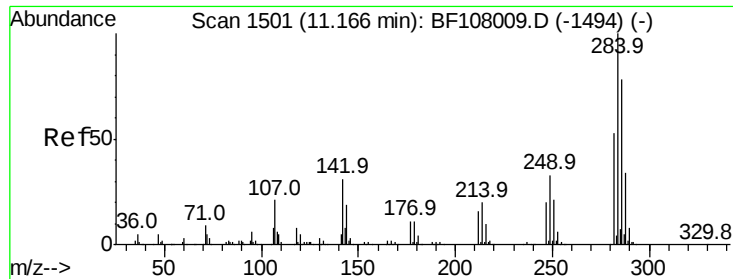
Tot Ion:169 Resp: 84570
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 36.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 2.253 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:248 Resp: 30244
 Ion Ratio Lower Upper
 248 100
 250 103.7 76.9 115.3
 141 60.8 74.4 111.6#

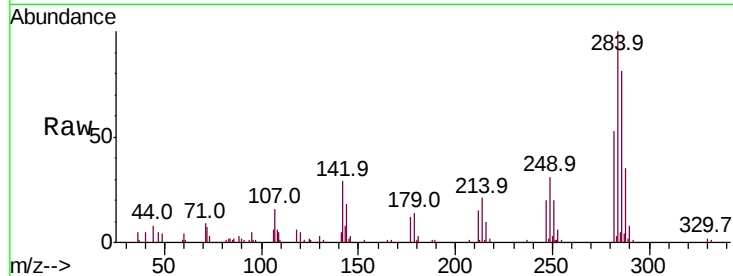




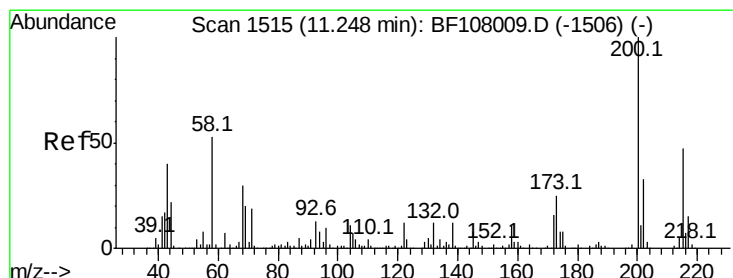
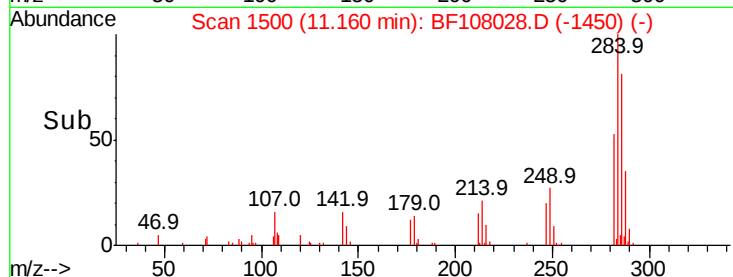
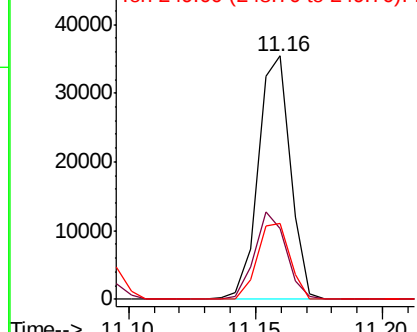
#67
Hexachlorobenzene
Concen: 2.232 ng
RT: 11.16 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 31518
Ion Ratio Lower Upper
284 100
142 28.9 34.6 52.0#
249 31.1 24.8 37.2

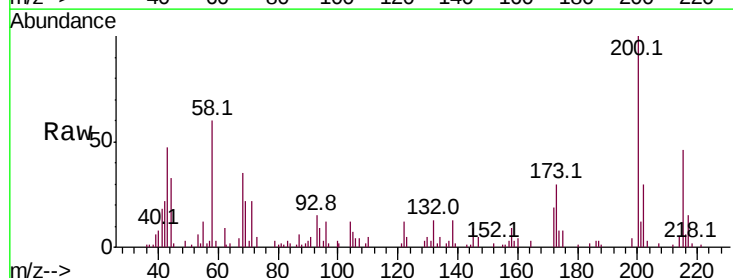


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

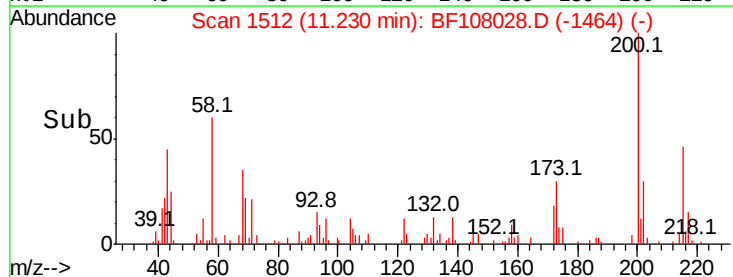
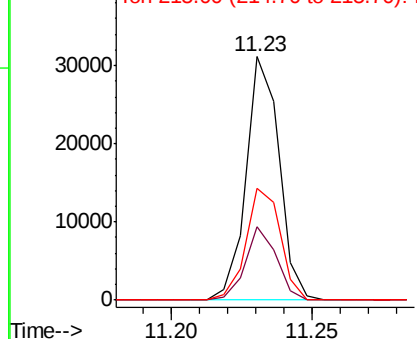


#68
Atrazine
Concen: 2.061 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion:200 Resp: 25226
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 46.2 25.1 65.1



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

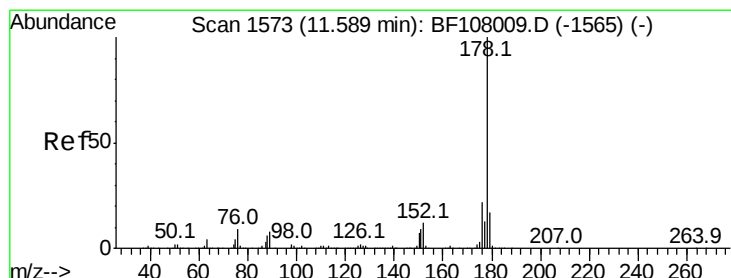
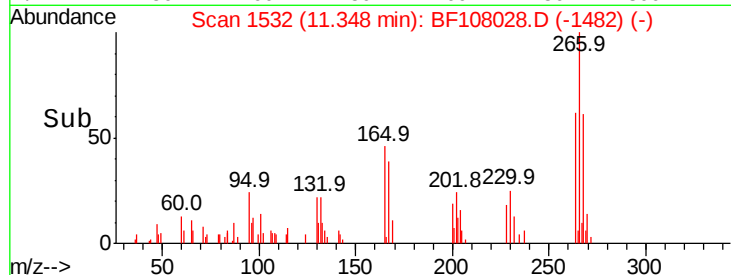
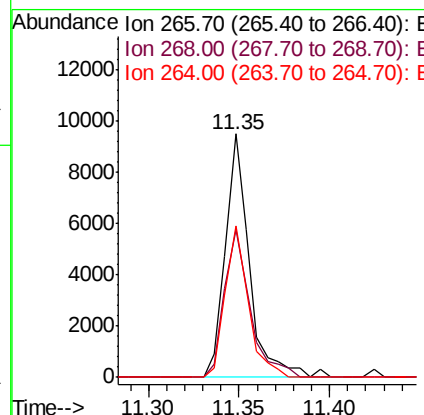
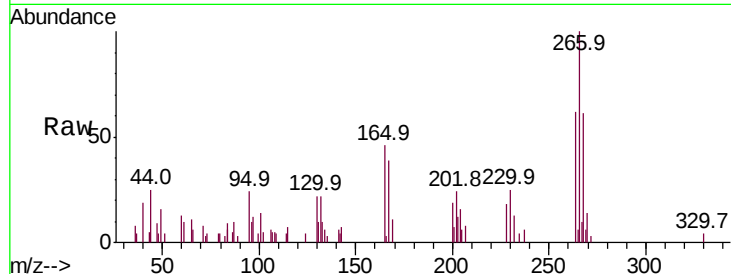




#69
 Pentachlorophenol
 Concen: 1.300 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

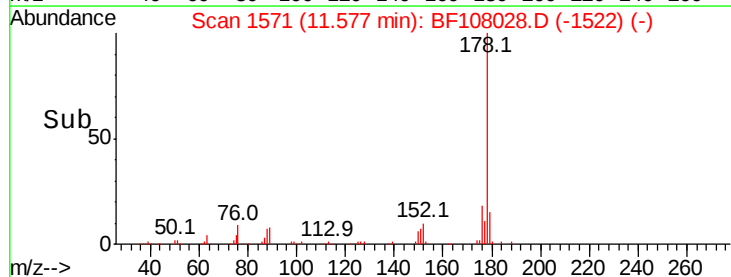
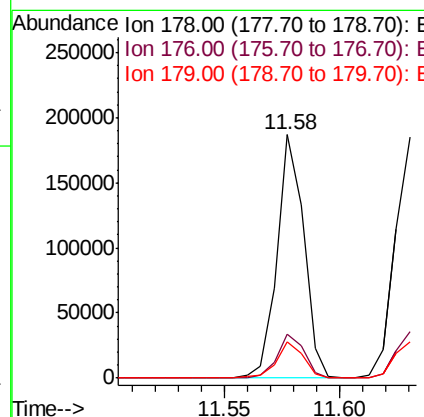
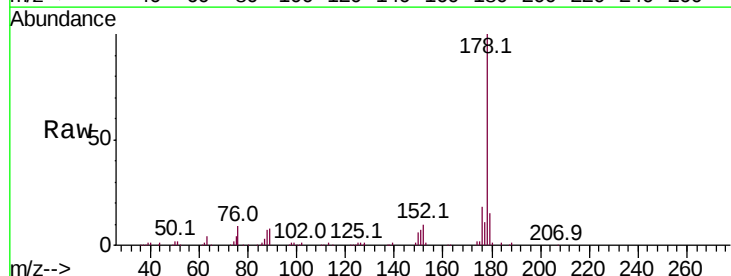
Instrument :
 BNA_F
 ClientSampleId :

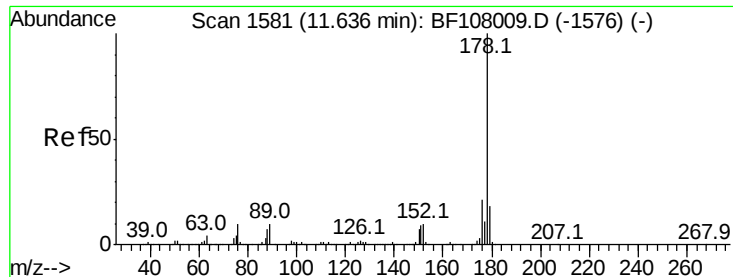
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	62.4	49.5	74.3



#70
 Phenanthrene
 Concen: 2.578 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.1	13.0	19.6

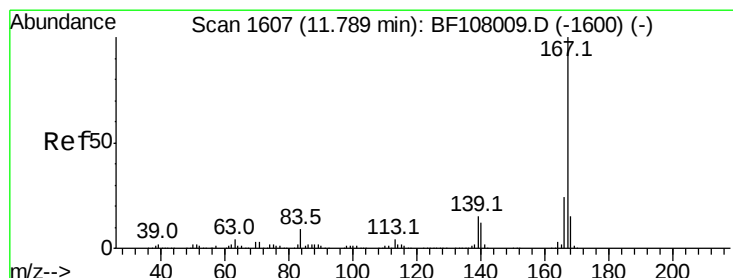
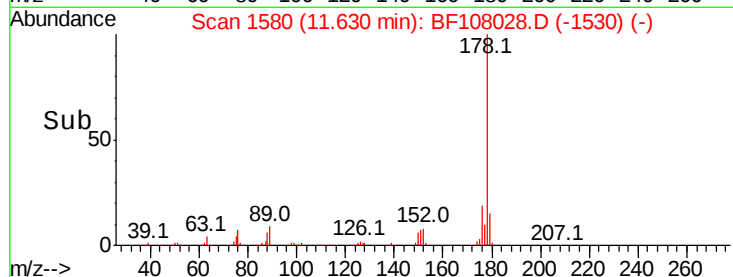
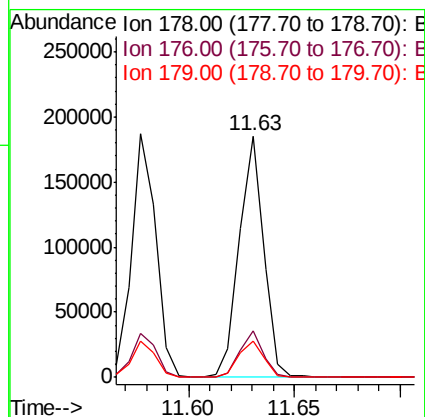
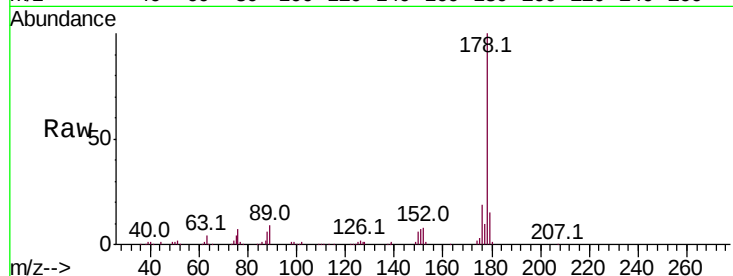




#71
 Anthracene
 Concen: 2.486 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

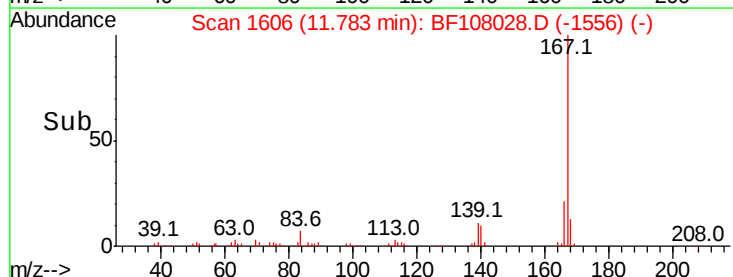
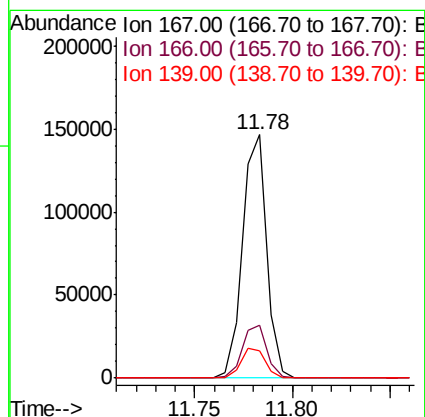
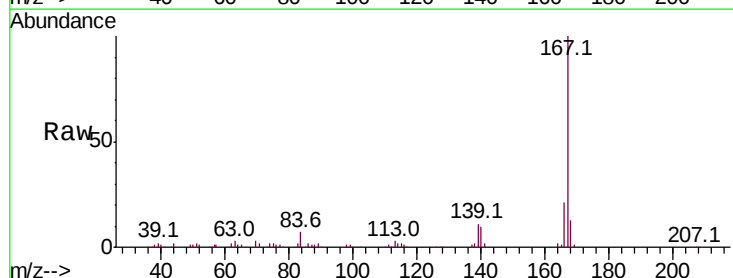
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.0	12.6	19.0



#72
 Carbazole
 Concen: 2.372 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	11.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 2.296 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

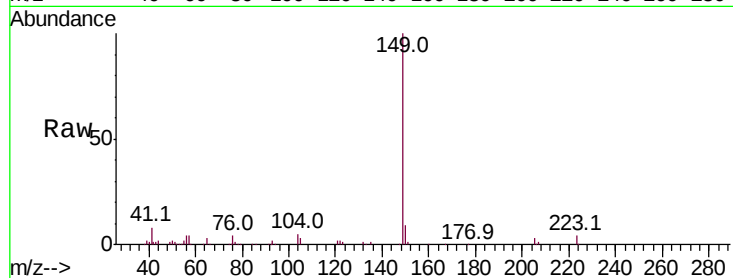
Tot Ion:149 Resp: 137939

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

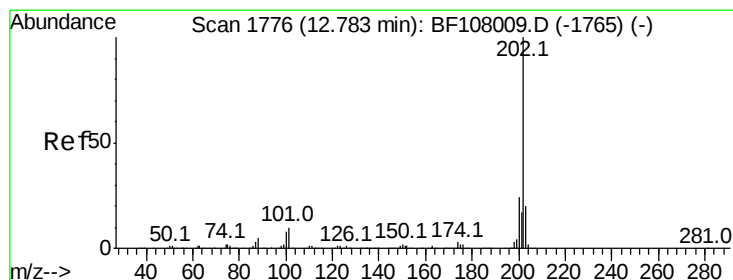
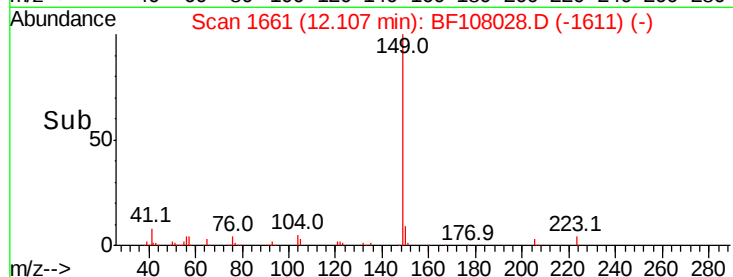
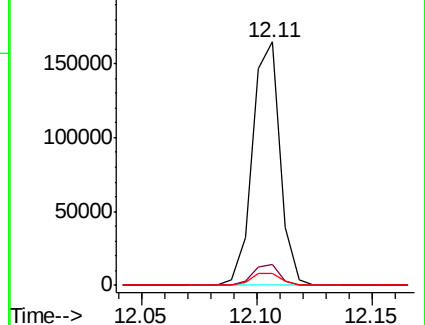
104 4.7 3.8 5.8



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: 2.497 ng

RT: 12.77 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

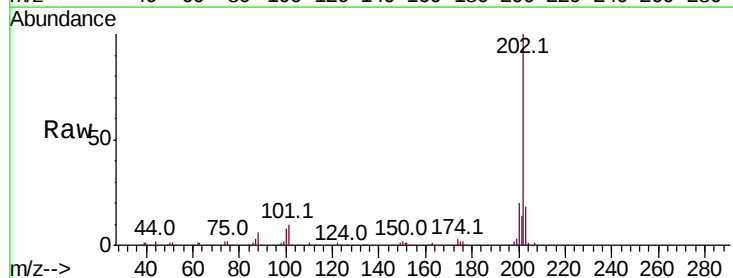
Tgt Ion:202 Resp: 158714

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

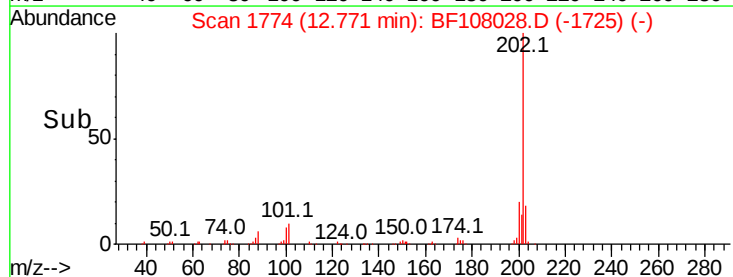
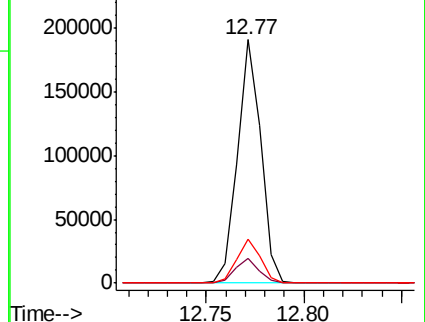
203 18.0 0.0 38.1

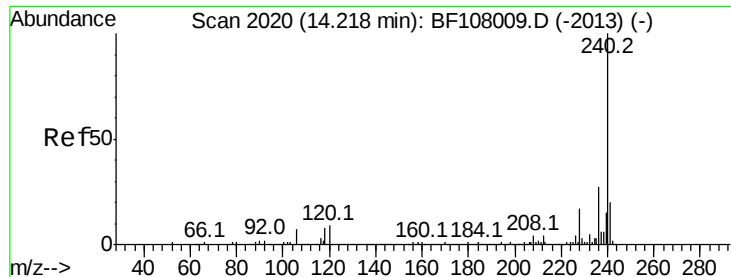


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

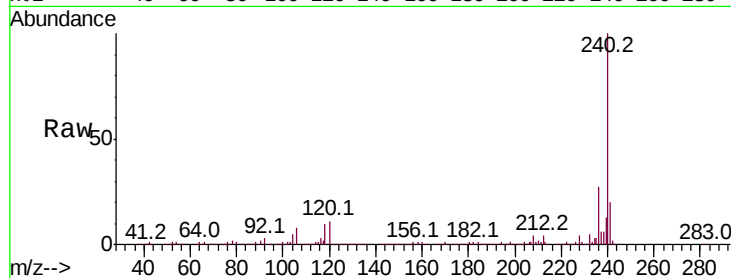
Tot Ion:240 Resp: 1120053

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

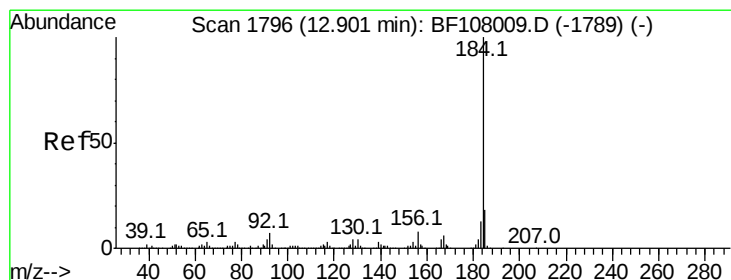
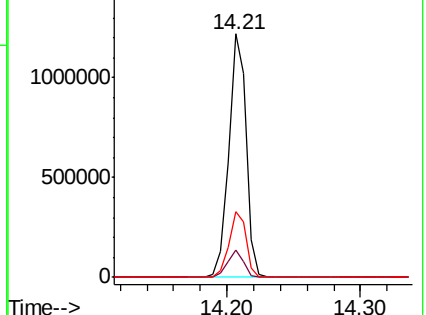
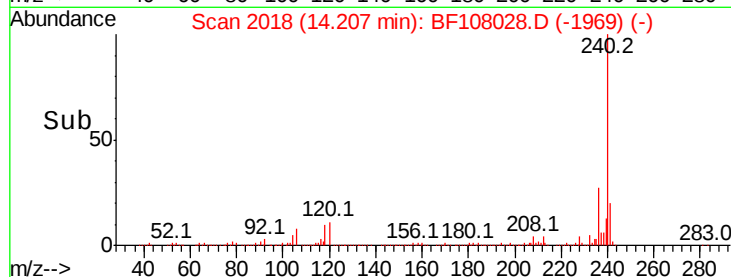
236 27.2 20.7 31.1



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: 0.490 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

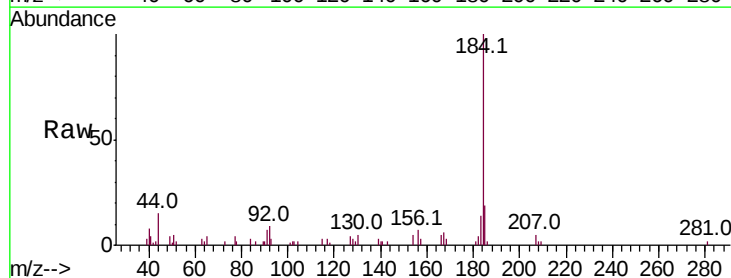
Tgt Ion:184 Resp: 20492

Ion Ratio Lower Upper

184 100

185 19.4 12.6 18.8#

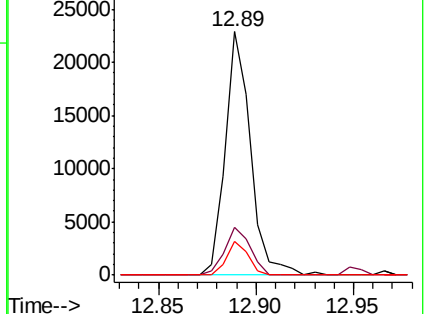
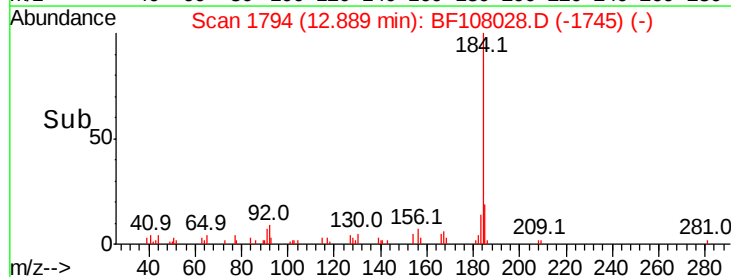
183 13.7 9.3 13.9



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

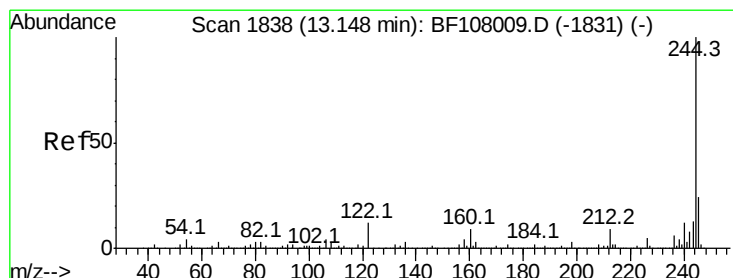
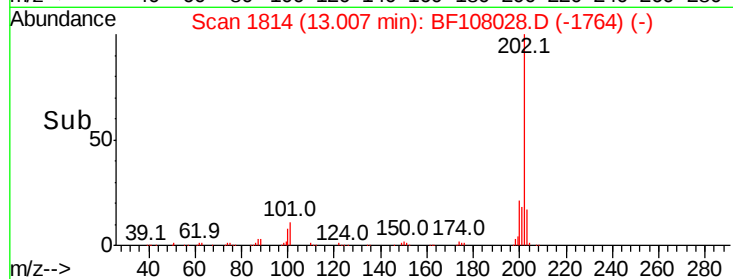
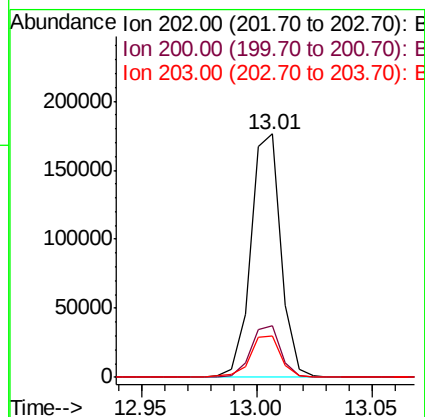
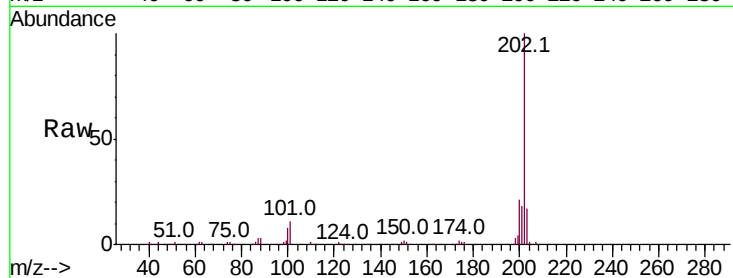




#77
 Pvrene
 Concen: 2.267 ng
 RT: 13.01 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

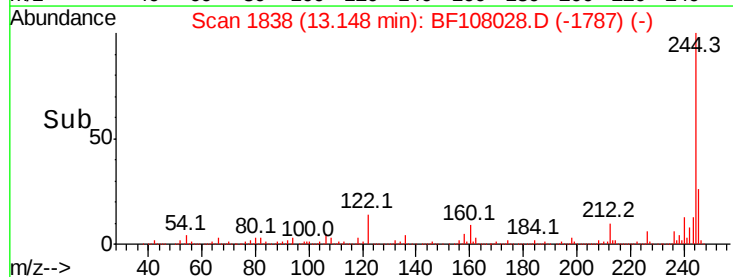
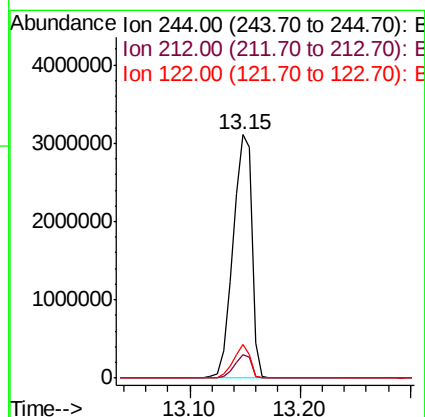
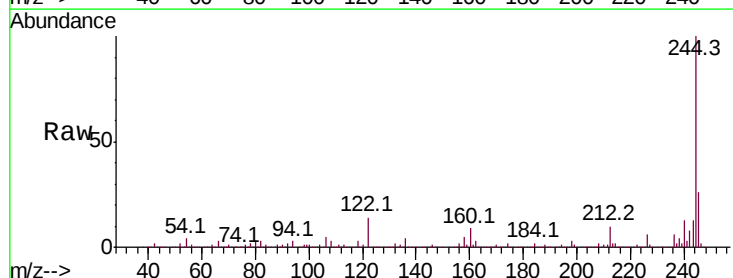
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 84.796 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.4	8.0#
122	13.8	11.0	16.4

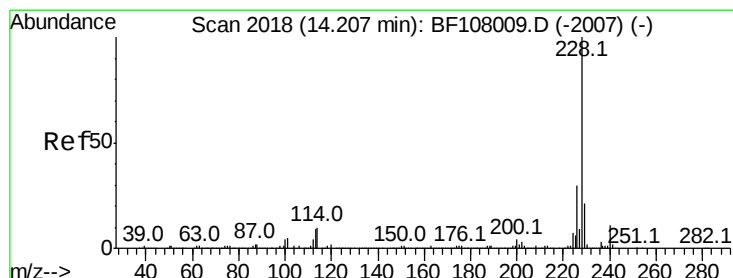
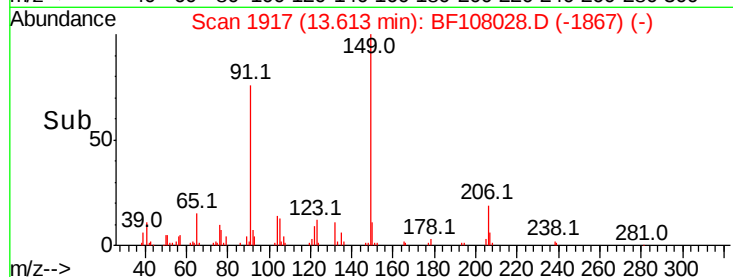
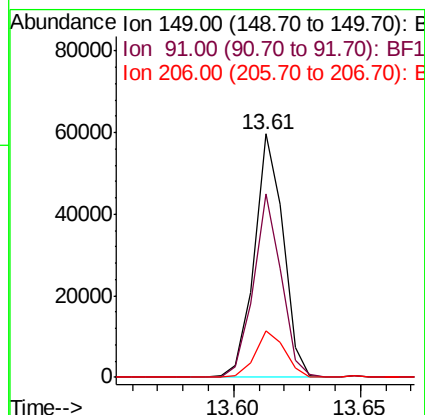
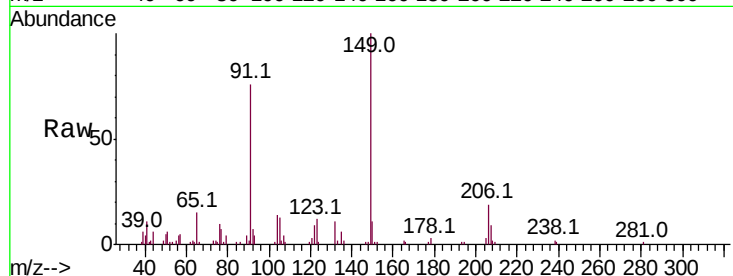




#79
Butylbenzylphthalate
Concen: 1.682 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

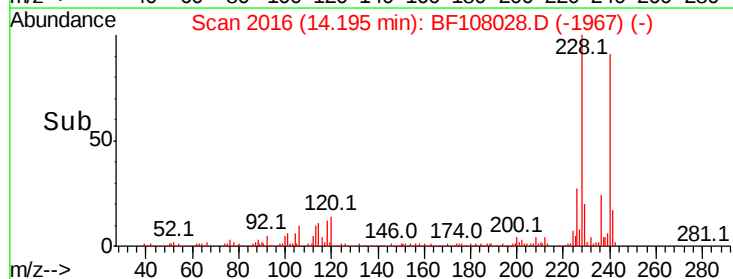
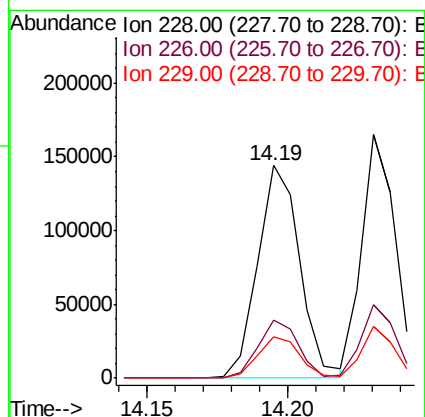
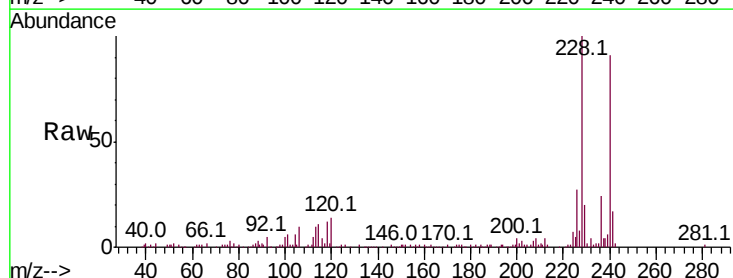
Instrument :
BNA_F
ClientSampleId :

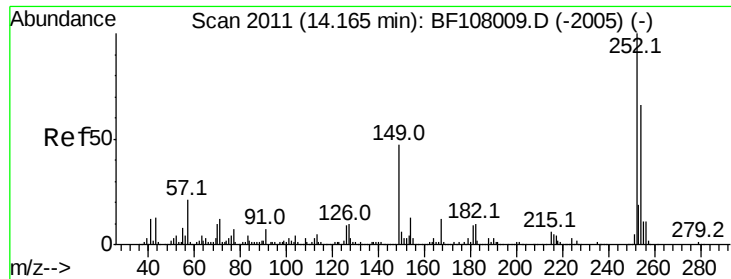
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	56.8	85.2
206	19.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 2.305 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6

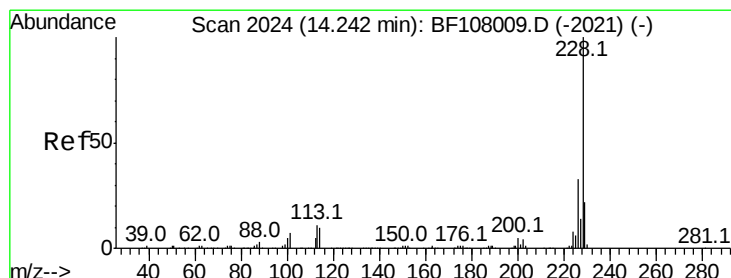
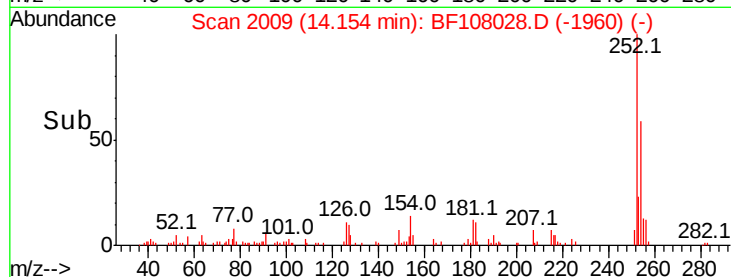
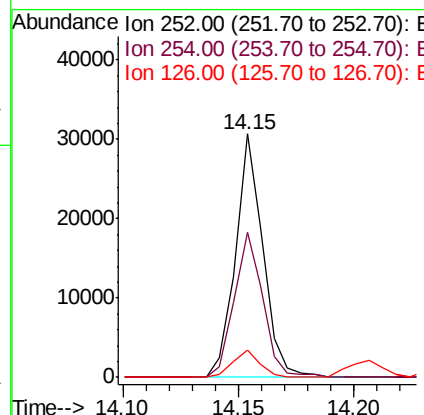
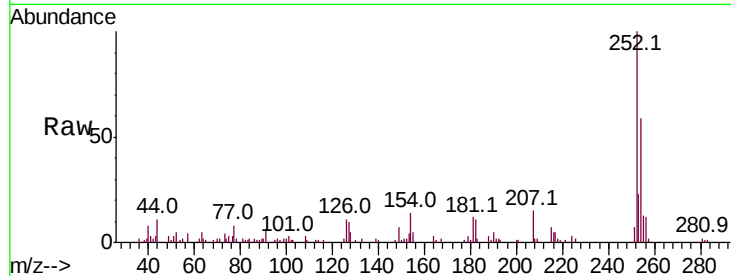




#81
 3,3'-Dichlorobenzidine
 Concen: 1.100 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

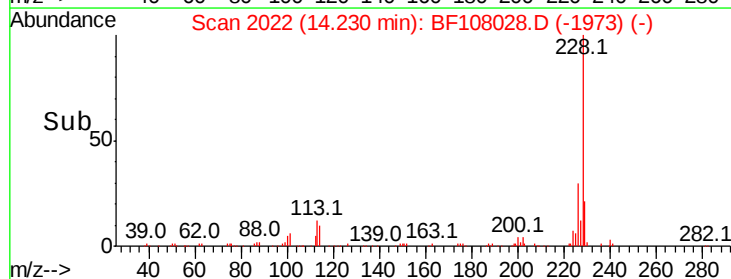
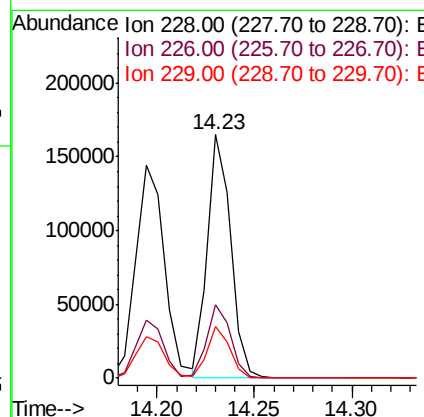
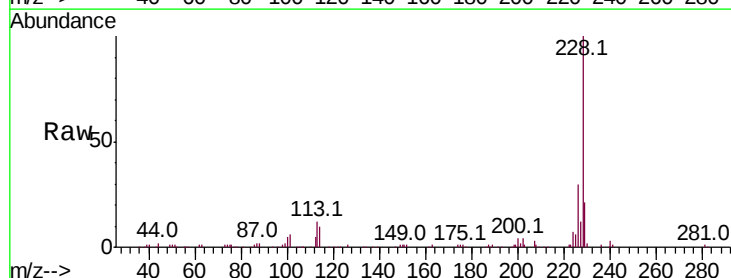
Instrument :
 BNA_F
 ClientSampleId :

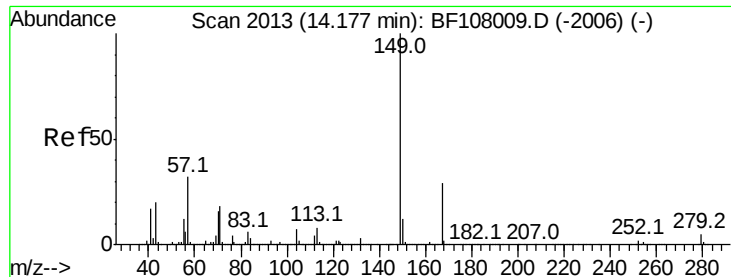
Tot Ion	Ratio	Lower	Upper
252	100		
254	59.4	50.4	75.6
126	11.1	11.3	16.9



#82
 Chrysene
 Concen: 2.333 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.2	16.2	24.4

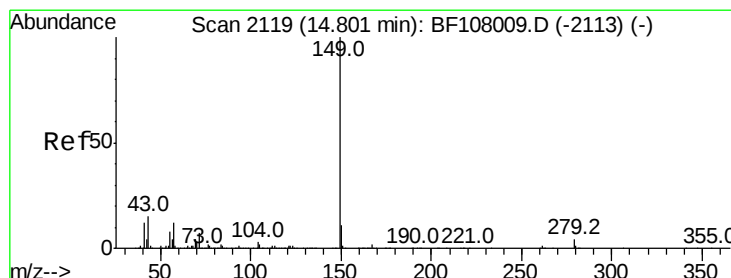
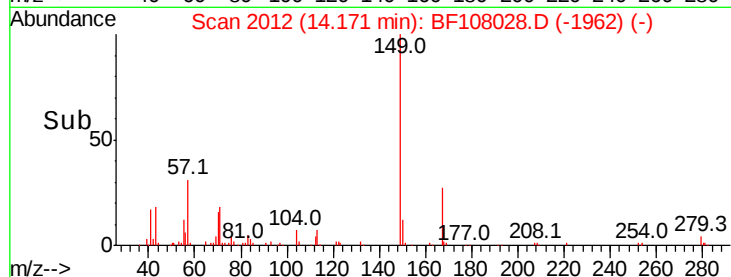
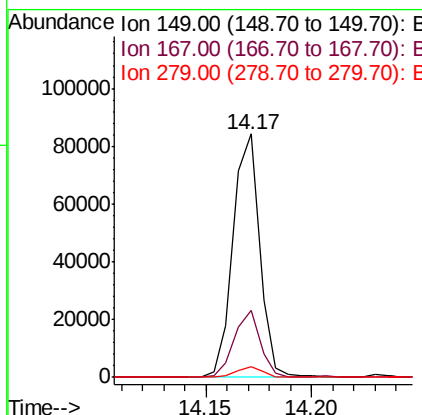
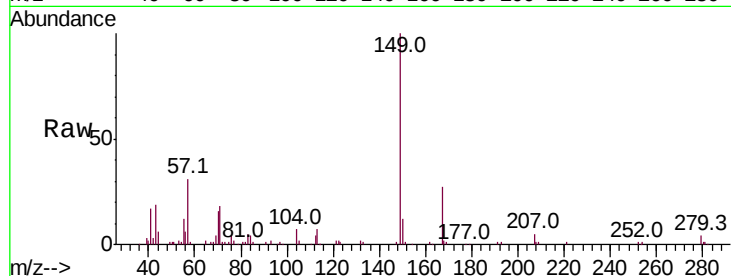




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.928 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

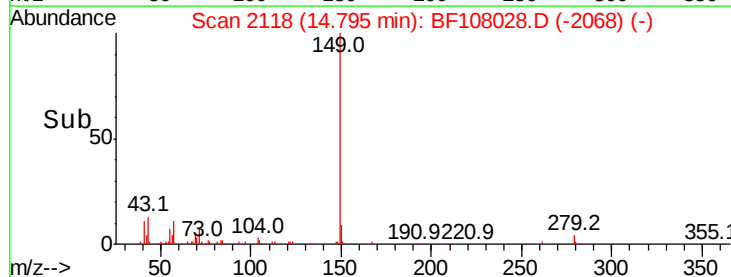
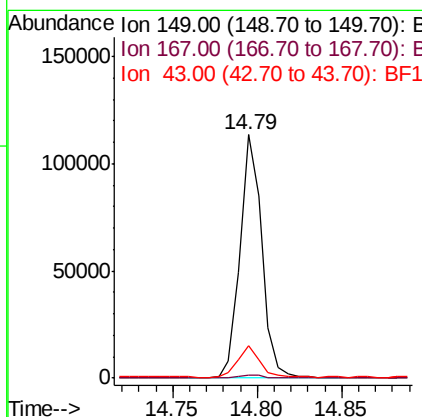
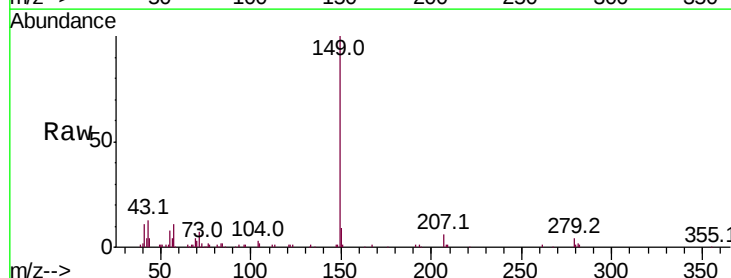
Instrument :
 BNA_F
 ClientSampleId :

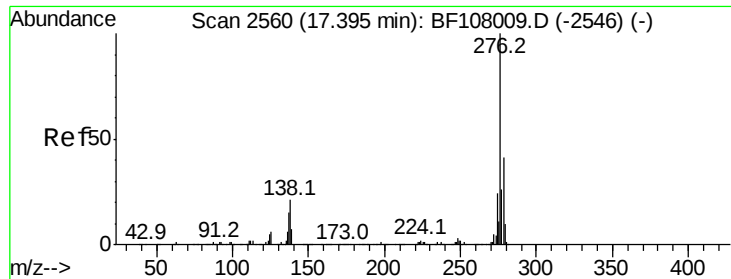
Tot Ion:149 Resp: 73510
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 4.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 1.759 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion:149 Resp: 102289
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 13.0 8.4 12.6#

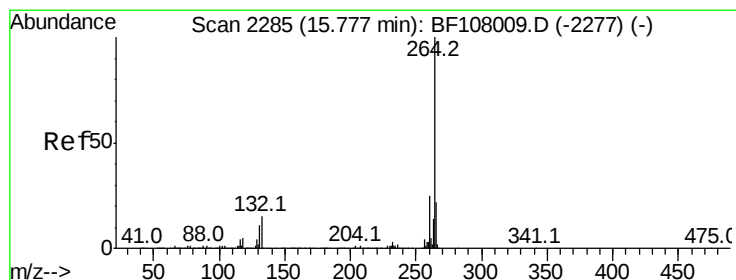
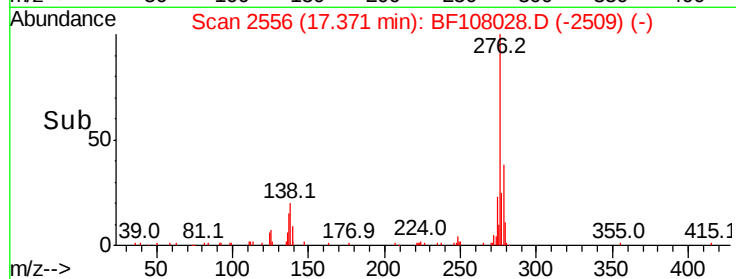
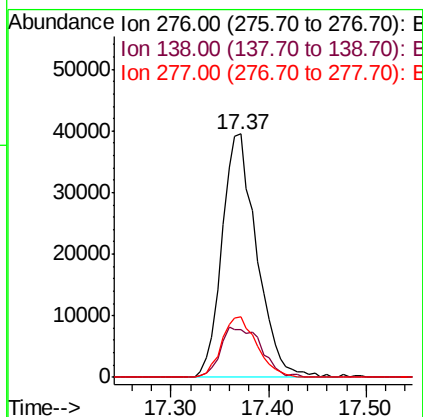
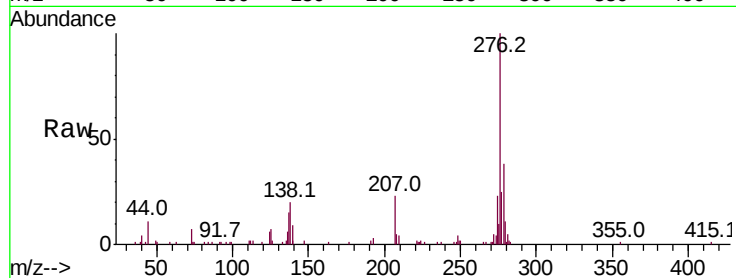




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.910 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.02 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

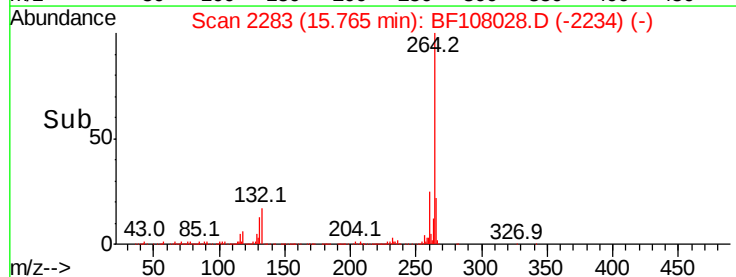
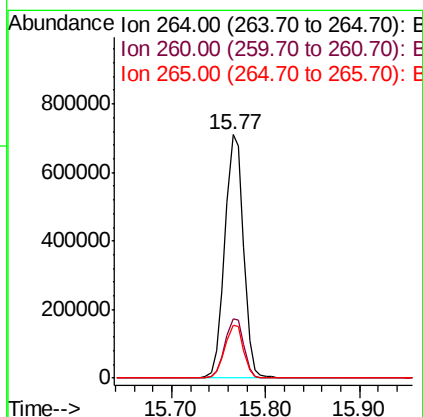
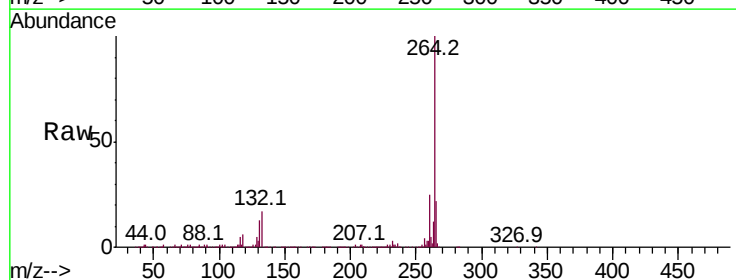
Instrument :
 BNA_F
 ClientSampled :

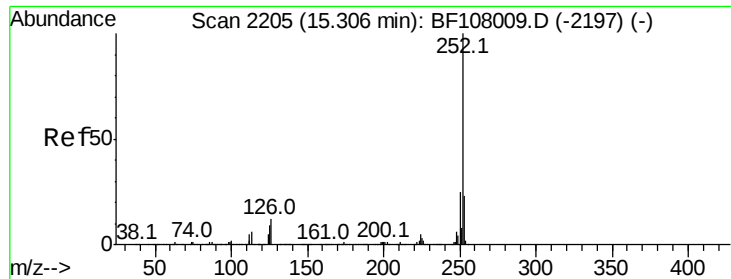
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF108028.D
 Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

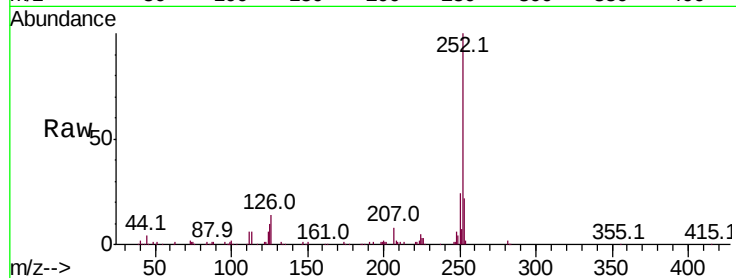




#87
Benzo(b)fluoranthene
Concen: 2.076 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.5	9.0	13.6

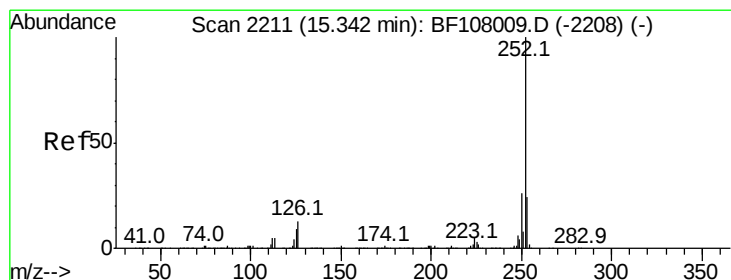
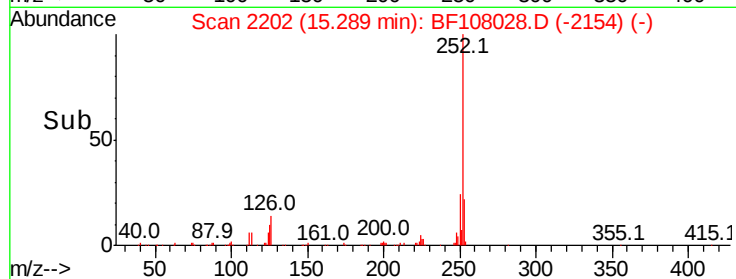
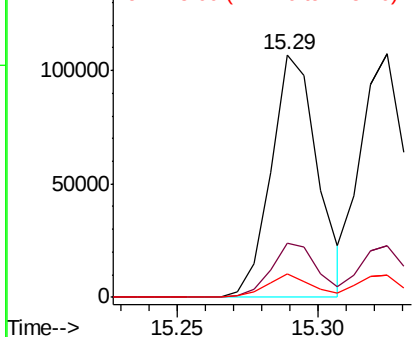


Abundance

Ion 252.00 (251.70 to 252.70): E

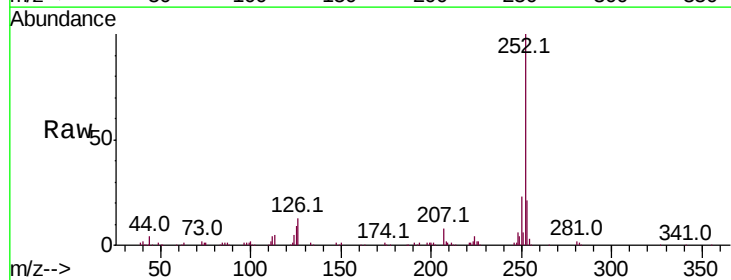
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.252 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	9.2	10.2	15.2#

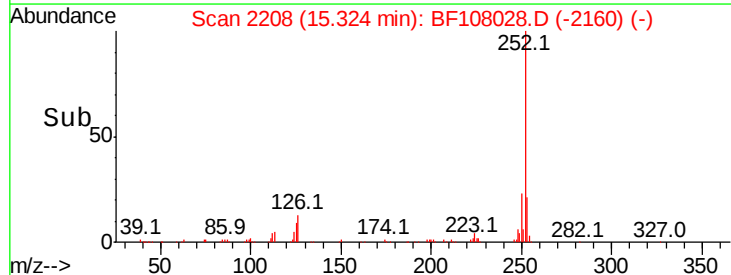
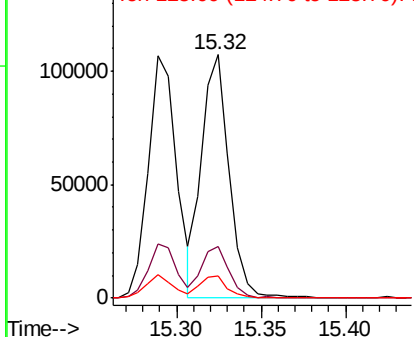


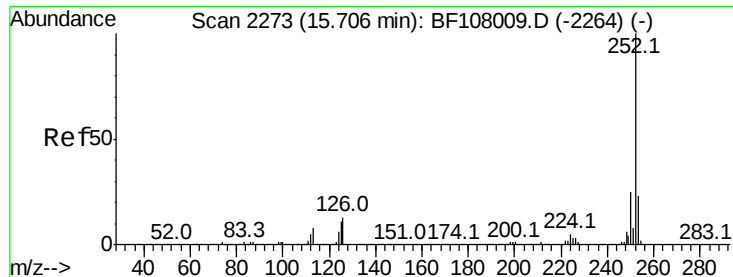
Abundance

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

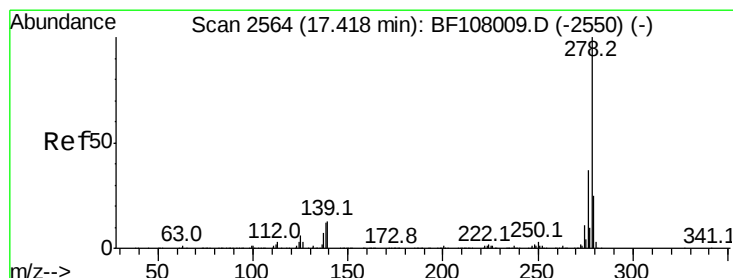
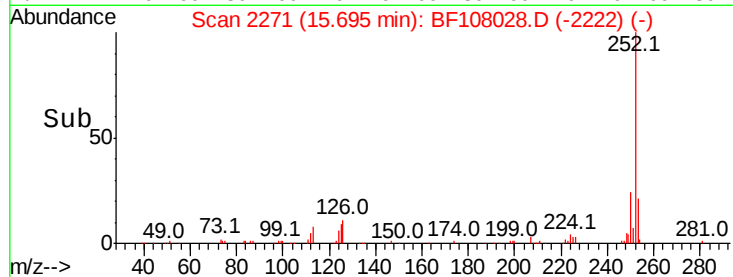
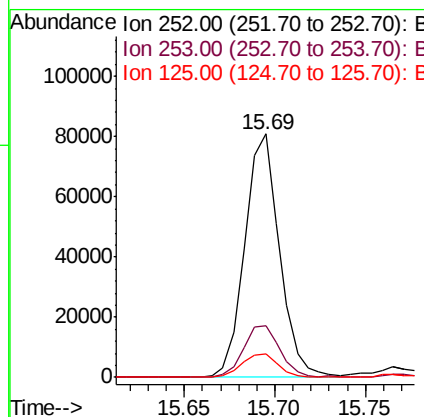
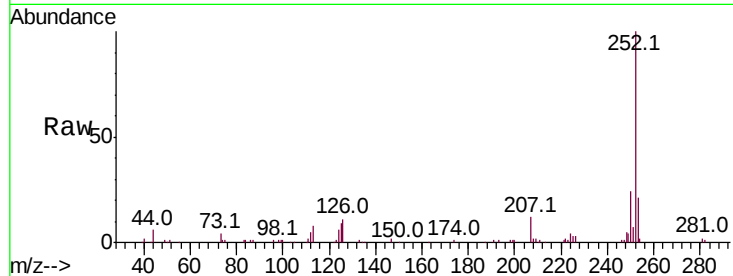




#89
Benzo(a)pyrene
Concen: 2.039 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

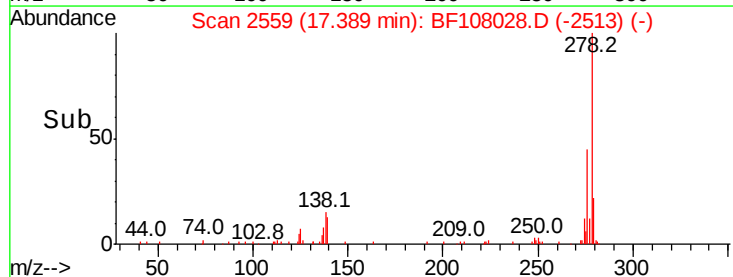
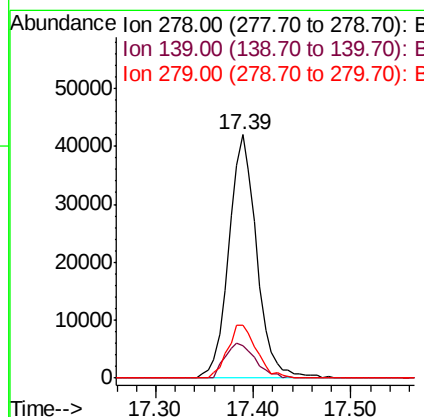
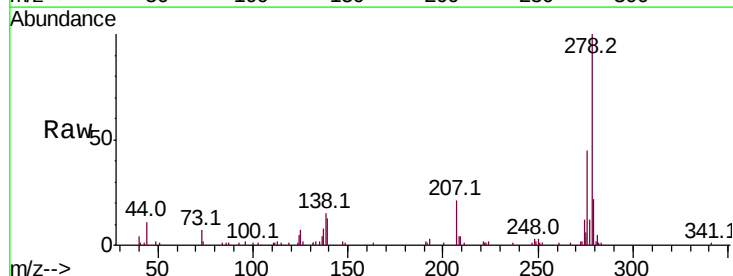
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 1.901 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108028.D
Acq: 8 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	15.9	23.9
279	21.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 1.880 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.04 min

Lab File: BF108028.D

Acq: 8 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

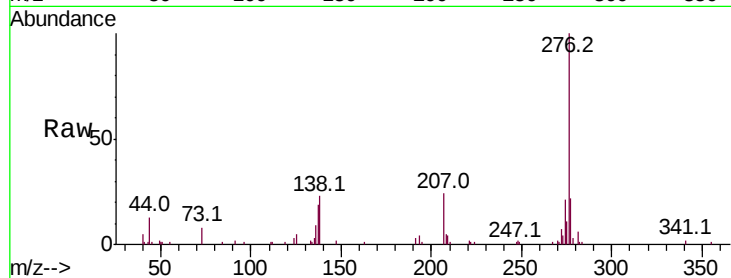
Tot Ion:276 Resp: 80904

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 22.6 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

