

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106533.D
 Acq On : 18 Jun 2018 12:52
 Operator : JU/SJ
 Sample : J3509-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

Quant Time: Jun 19 01:05:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121812	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	468524	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	225223	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	440078	20.00	ng	0.00
75) Chrysene-d12	14.17	240	289316	20.00	ng	0.01
86) Perylene-d12	15.71	264	258510	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	410135	56.99	ng	0.00
7) Phenol-d6	6.61	99	322066	35.42	ng	0.00
23) Nitrobenzene-d5	7.54	82	754280	94.71	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	335372	154.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1230050	103.82	ng	0.00
78) Terphenyl-d14	13.09	244	1271740	109.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	52923	14.208	ng	96
3) Pyridine	3.62	79	134223	12.931	ng	98
4) n-Nitrosodimethylamine	3.57	42	69817	14.682	ng	96
6) Aniline	6.63	93	237726	17.904	ng	# 86
8) 2-Chlorophenol	6.76	128	280528	36.245	ng	95
9) Benzaldehyde	6.52	77	233636	33.875	ng	97
10) Phenol	6.62	94	150227	15.134	ng	# 48
11) bis(2-Chloroethyl)ether	6.70	93	354004	41.658	ng	98
12) 1,3-Dichlorobenzene	6.91	146	376133	41.291	ng	97
13) 1,4-Dichlorobenzene	6.98	146	378802	40.979	ng	99
14) 1,2-Dichlorobenzene	7.14	146	356770	40.999	ng	96
15) Benzyl Alcohol	7.11	79	202558	26.012	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	547091	44.912	ng	81
17) 2-Methylphenol	7.22	107	193460	28.016	ng	# 89
18) Hexachloroethane	7.48	117	136948	41.578	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	248308	36.399	ng	95
20) 3+4-Methylphenols	7.38	107	200168	22.667	ng	# 44
22) Acetophenone	7.37	105	476505	40.357	ng	# 97
24) Nitrobenzene	7.55	77	401903	46.429	ng	99
25) Isophorone	7.78	82	732748	47.104	ng	97
26) 2-Nitrophenol	7.87	139	188727	56.170	ng	96
27) 2,4-Dimethylphenol	7.90	122	278341	42.265	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	459732	45.578	ng	99
29) 2,4-Dichlorophenol	8.11	162	288329	45.382	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	315564	44.298	ng	96
31) Naphthalene	8.27	128	958956	45.277	ng	98
32) Benzoic acid	7.98	122	34193	13.259	ng	92
33) 4-Chloroaniline	8.32	127	165707	17.655	ng	99
34) Hexachlorobutadiene	8.38	225	202077	44.154	ng	98
35) Caprolactam	8.69	113	13199	6.142	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	282006	40.127	ng	99
37) 2-Methylnaphthalene	8.97	142	666479	46.201	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	339270	46.403	ng	97
40) Hexachlorocyclopentadiene	9.11	237	370016	91.726	ng	100

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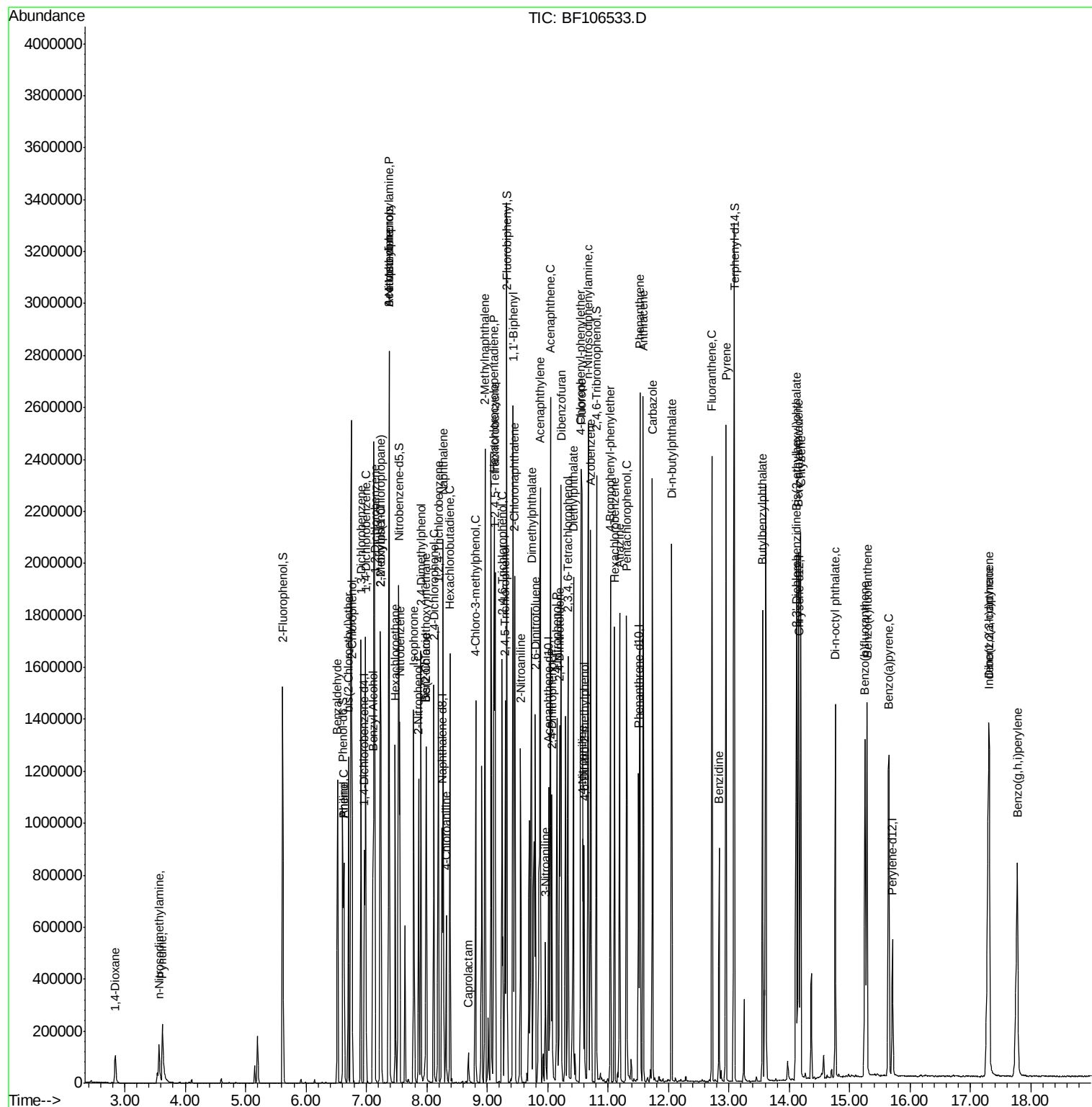
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42) 2,4,6-Trichlorophenol	9.24	196	227857	48.903	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	239724	47.726	ng	93
45) 1,1'-Biphenyl	9.43	154	788227	45.184	ng	99
46) 2-Chloronaphthalene	9.46	162	641696	45.966	ng	96
47) 2-Nitroaniline	9.55	65	225248	51.290	ng	91
48) Acenaphthylene	9.88	152	1010722	47.301	ng	97
49) Dimethylphthalate	9.73	163	841716	52.310	ng	99
50) 2,6-Dinitrotoluene	9.80	165	173209	52.698	ng	99
51) Acenaphthene	10.05	154	596368	43.216	ng	99
52) 3-Nitroaniline	9.96	138	76739	19.671	ng	94
53) 2,4-Dinitrophenol	10.07	184	154784	100.139	ng	# 20
54) Dibenzofuran	10.22	168	870009	46.819	ng	96
55) 4-Nitrophenol	10.15	139	76546	25.599	ng	91
56) 2,4-Dinitrotoluene	10.20	165	235270	57.001	ng	93
57) Fluorene	10.56	166	677514	46.018	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	200368	50.329	ng	# 83
59) Diethylphthalate	10.42	149	734157	45.968	ng	95
60) 4-Chlorophenyl-phenylether	10.55	204	349841	45.178	ng	91
61) 4-Nitroaniline	10.58	138	171706	45.239	ng	97
62) Azobenzene	10.71	77	827459	49.687	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	123007	51.314	ng	88
65) n-Nitrosodiphenylamine	10.67	169	646947	43.741	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	246455	49.238	ng	# 84
67) Hexachlorobenzene	11.11	284	253052	49.038	ng	# 89
68) Atrazine	11.19	200	219475	48.152	ng	95
69) Pentachlorophenol	11.31	266	206805	65.094	ng	99
70) Phenanthrene	11.53	178	996117	46.219	ng	98
71) Anthracene	11.58	178	1021527	47.312	ng	97
72) Carbazole	11.74	167	898298	45.065	ng	98
73) Di-n-butylphthalate	12.05	149	1084437	48.881	ng	99
74) Fluoranthene	12.72	202	1053707	45.844	ng	99
76) Benzidine	12.84	184	311860	32.388	ng	99
77) Pyrene	12.95	202	1044647	57.674	ng	97
79) Butylbenzylphthalate	13.56	149	414747	61.171	ng	# 95
80) Benzo(a)anthracene	14.15	228	841784	48.893	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	163124	28.081	ng	# 97
82) Chrysene	14.19	228	771674	49.091	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	510064	52.468	ng	99
84) Di-n-octyl phthalate	14.76	149	697855	49.793	ng	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	896914	71.494	ng	# 93
87) Benzo(b)fluoranthene	15.25	252	732508	46.876	ng	97
88) Benzo(k)fluoranthene	15.29	252	647832	41.860	ng	# 96
89) Benzo(a)pyrene	15.65	252	693912	49.369	ng	97
90) Dibenzo(a,h)anthracene	17.31	278	738404	63.014	ng	# 94
91) Benzo(g,h,i)perylene	17.78	276	795750	69.877	ng	# 92

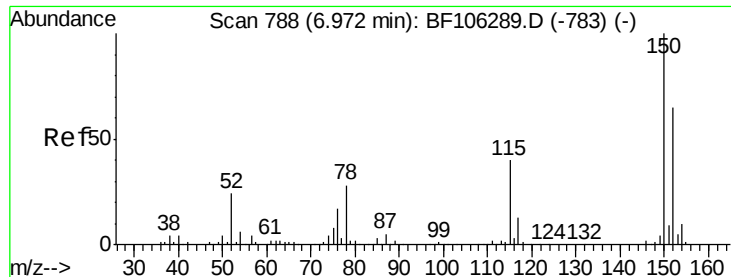
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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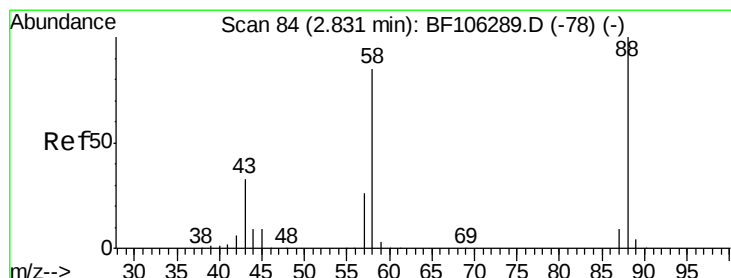
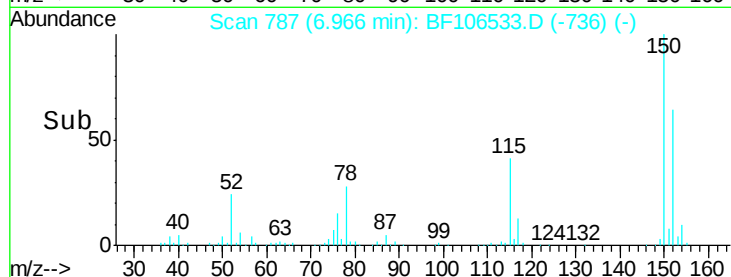
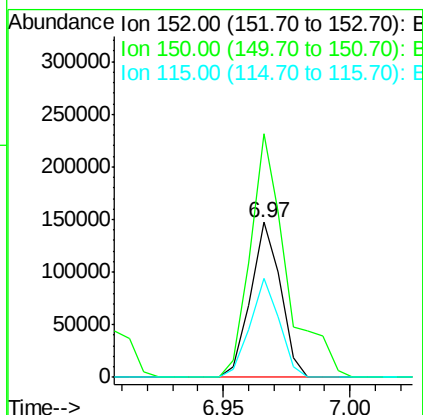
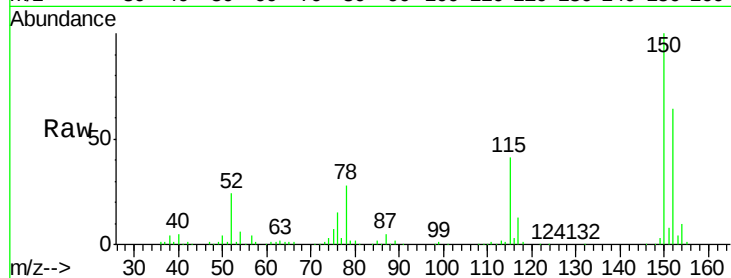


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

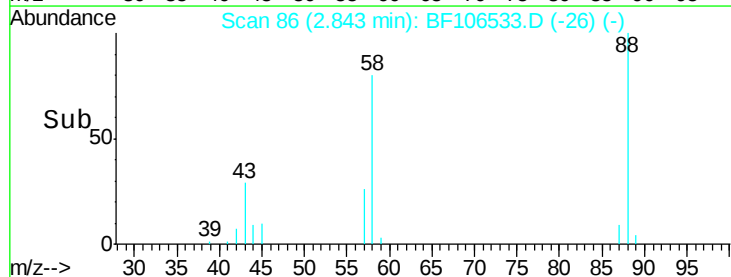
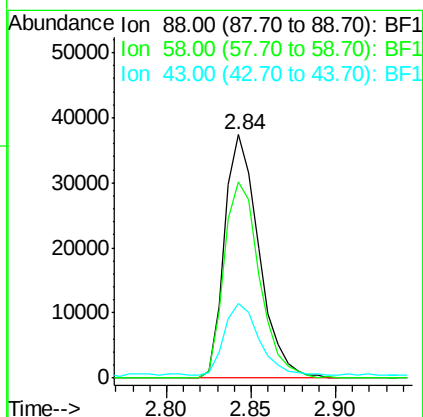
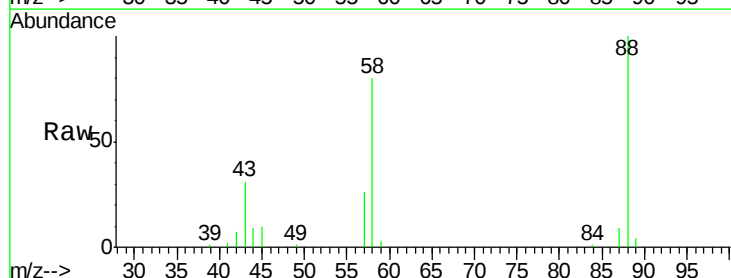
Tgt Ion: 152 Resp: 121812
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 64.2 50.1 75.1

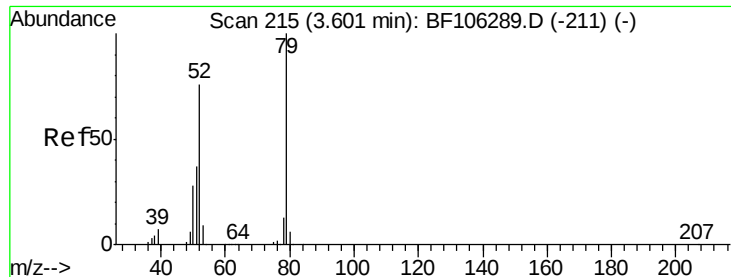


#2

1,4-Dioxane
Concen: 14.208 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.05 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 88 Resp: 52923
Ion Ratio Lower Upper
88 100
58 83.3 62.6 93.8
43 30.5 24.6 37.0





#3

Pyridine

Concen: 12.931 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.05 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

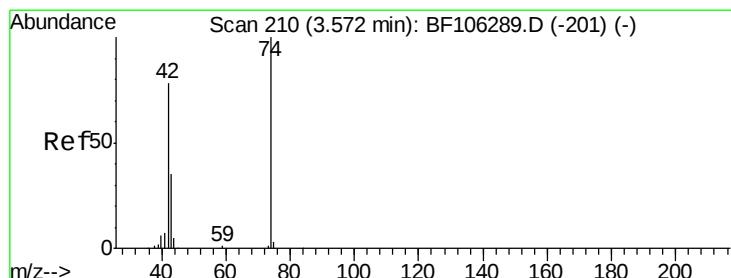
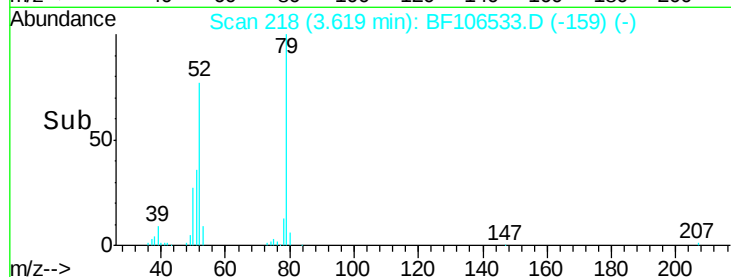
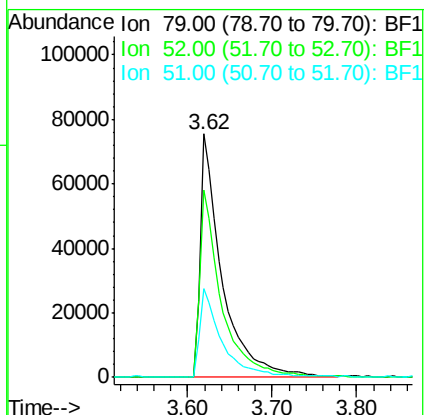
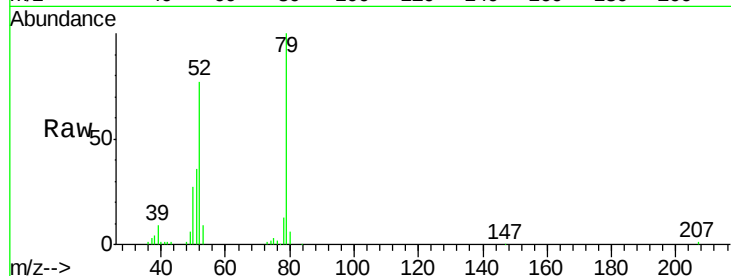
Tgt Ion: 79 Resp: 134223

Ion Ratio Lower Upper

79 100

52 77.0 59.8 89.6

51 36.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 14.682 ng

RT: 3.57 min Scan# 209

Delta R.T. 0.02 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

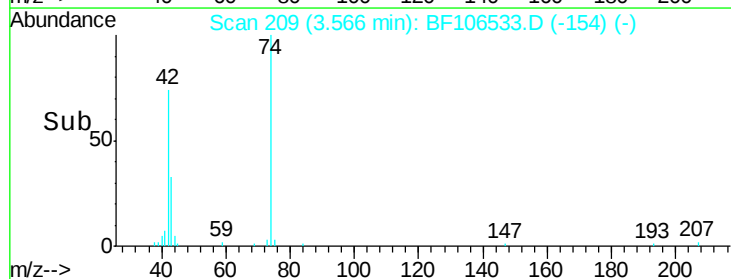
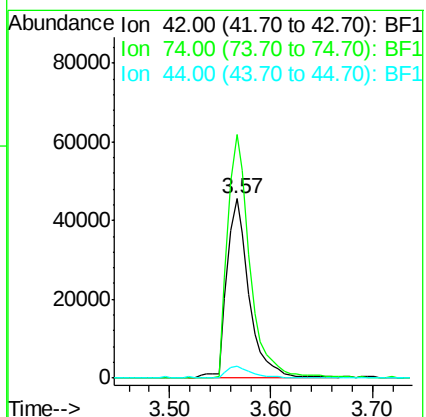
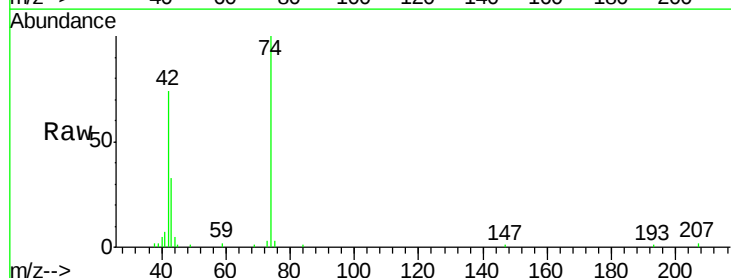
Tgt Ion: 42 Resp: 69817

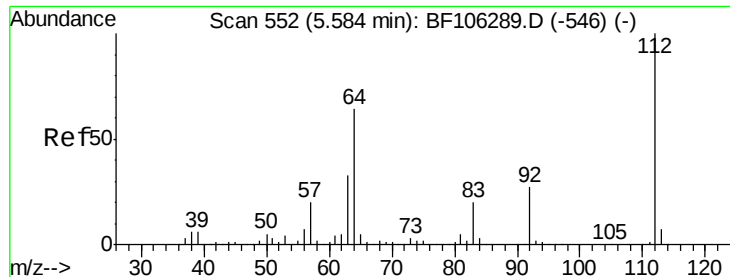
Ion Ratio Lower Upper

42 100

74 135.7 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 56.986 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

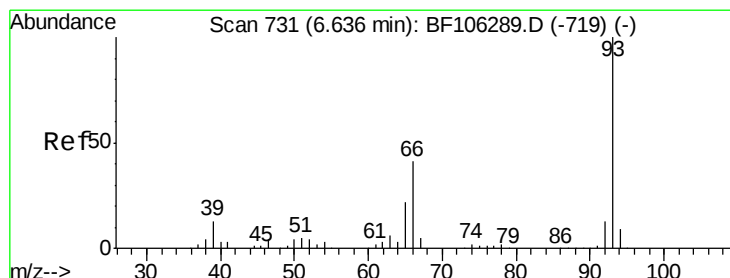
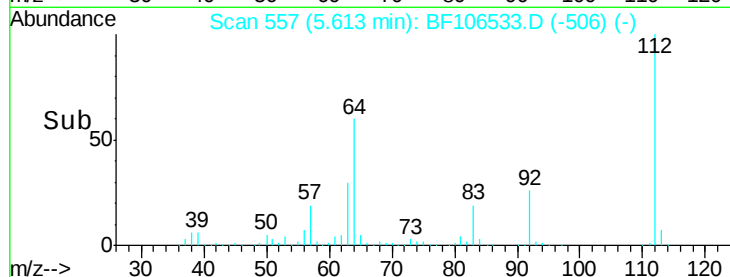
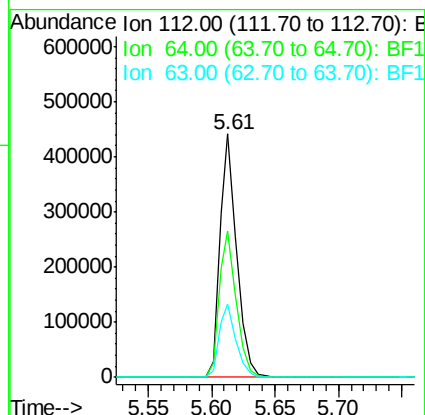
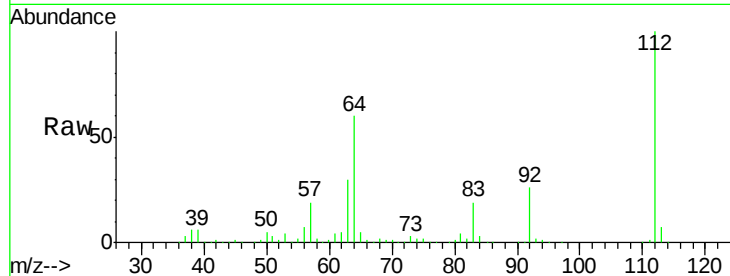
Instrument :

BNA_F

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Tgt Ion:	112	Resp:	410135
Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.0	23.7	35.5



#6

Aniline

Concen: 17.904 ng

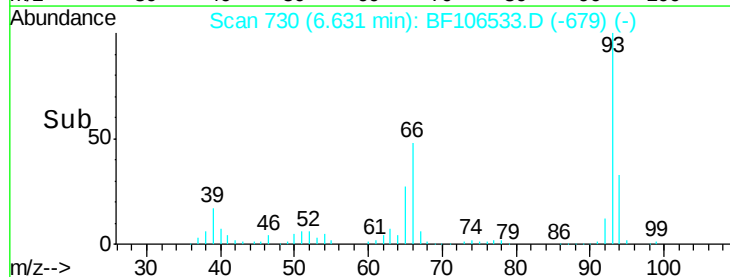
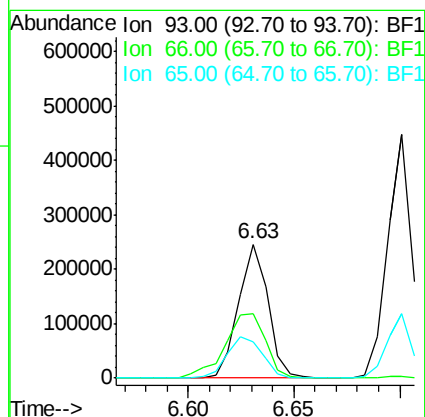
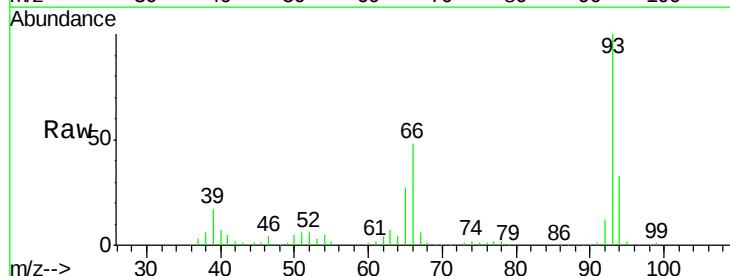
RT: 6.63 min Scan# 730

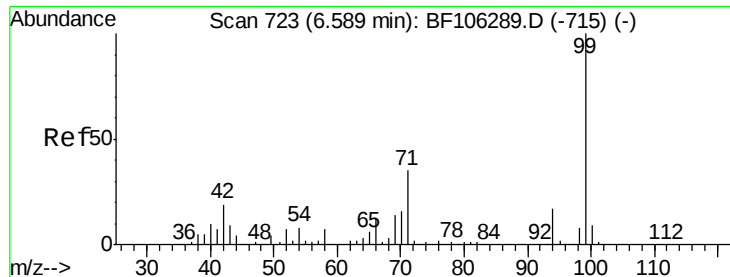
Delta R.T. -0.00 min

Lab File: BF106533.D

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Tgt Ion:	93	Resp:	237726
Ion	Ratio	Lower	Upper
93	100		
66	48.3	32.2	48.2#
65	27.2	16.4	24.6#





#7

Phenol-d6

Concen: 35.419 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106533.D

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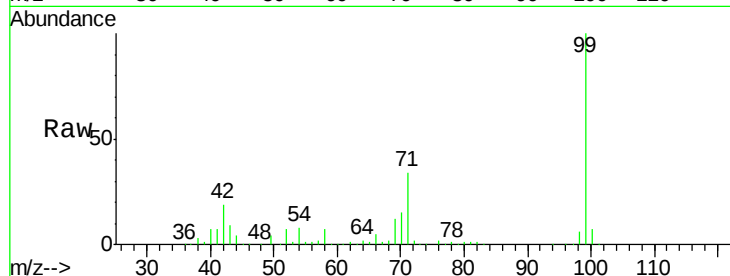
Tgt Ion: 99 Resp: 322066

Ion Ratio Lower Upper

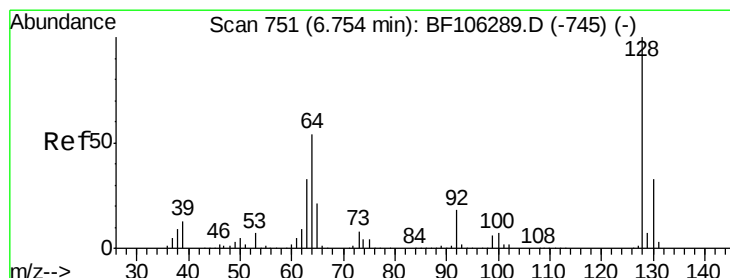
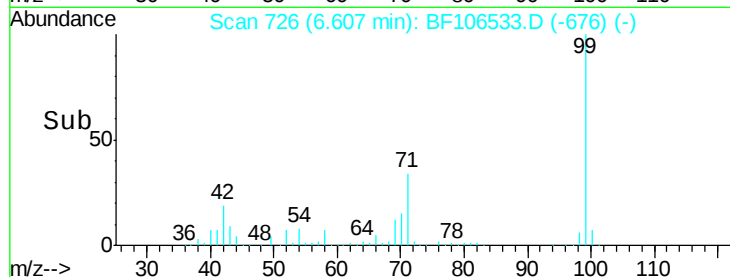
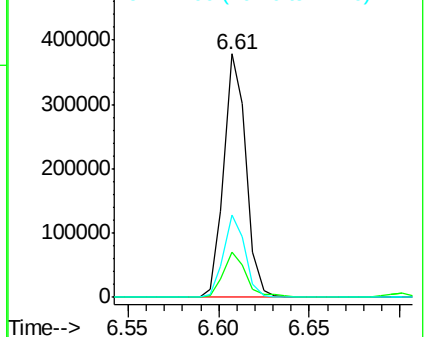
99 100

42 18.7 14.5 21.7

71 34.0 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: 36.245 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

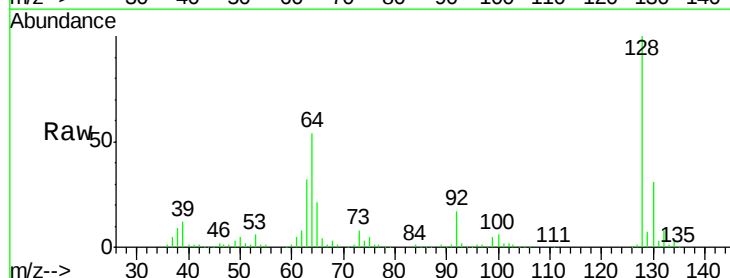
Tgt Ion: 128 Resp: 280528

Ion Ratio Lower Upper

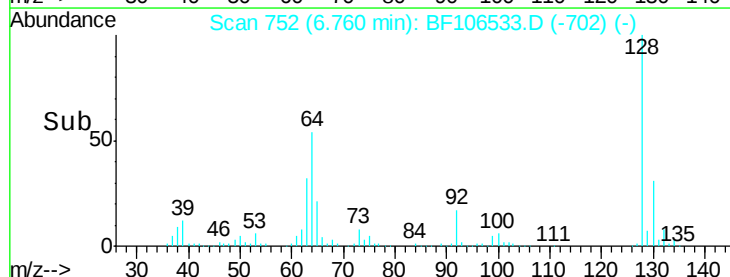
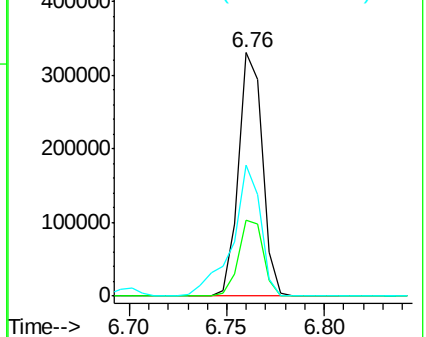
128 100

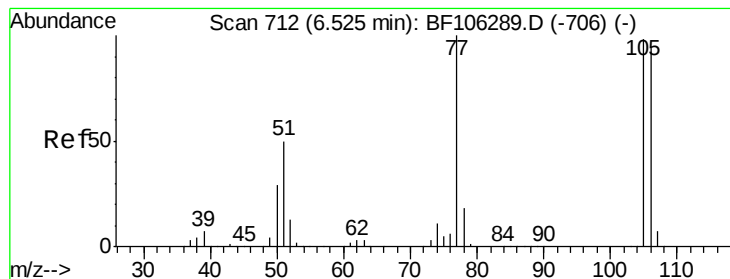
130 31.4 13.0 53.0

64 53.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 33.875 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106533.D

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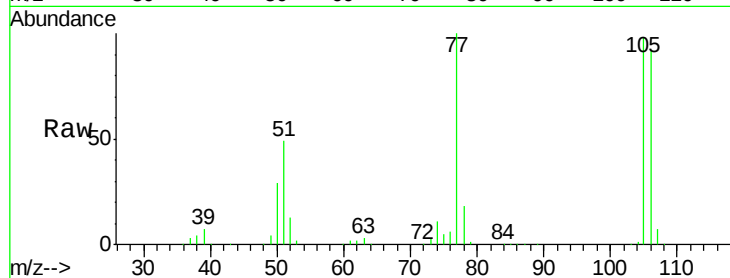
Tgt Ion: 77 Resp: 233636

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

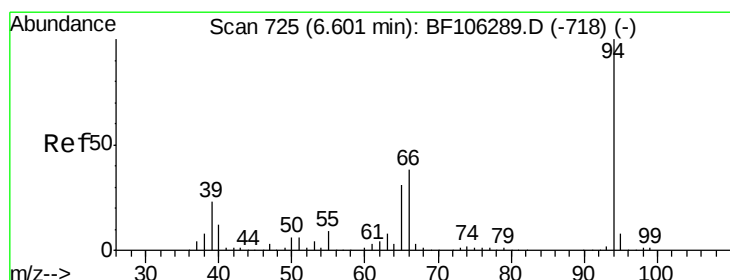
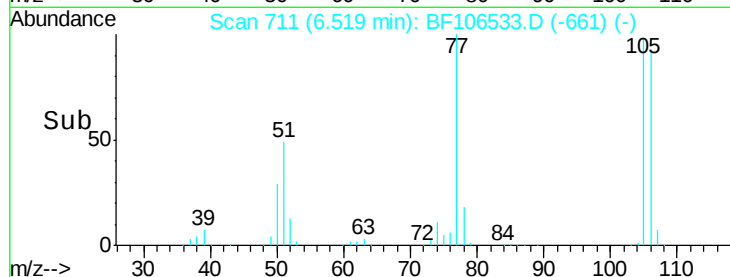
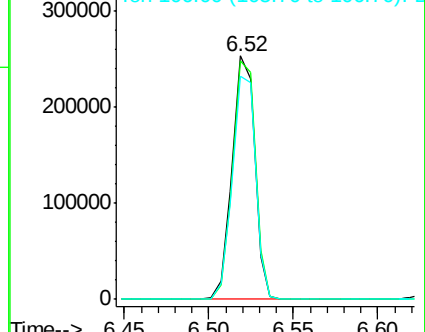
106 91.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 15.134 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF106533.D

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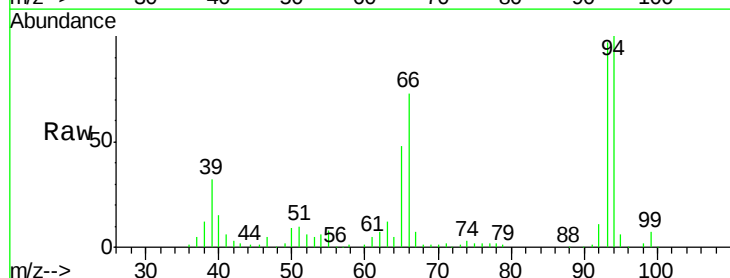
Tgt Ion: 94 Resp: 150227

Ion Ratio Lower Upper

94 100

65 47.9 7.9 47.9

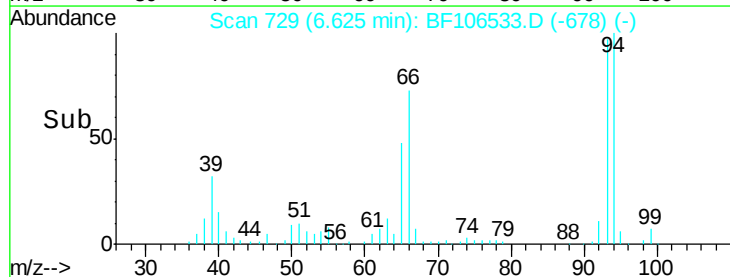
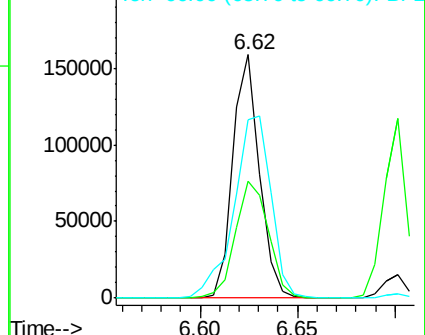
66 73.2 16.2 56.2#

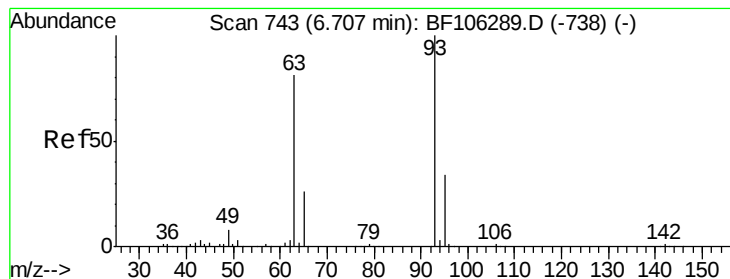


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.658 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

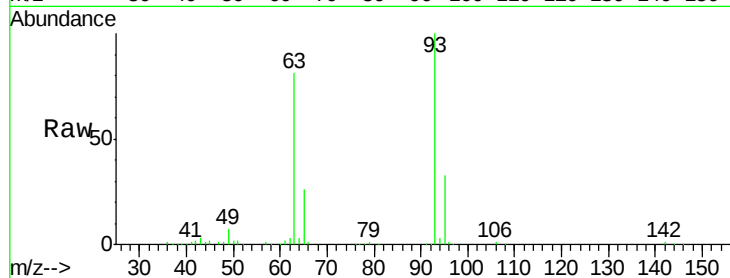
Tgt Ion: 93 Resp: 354004

Ion Ratio Lower Upper

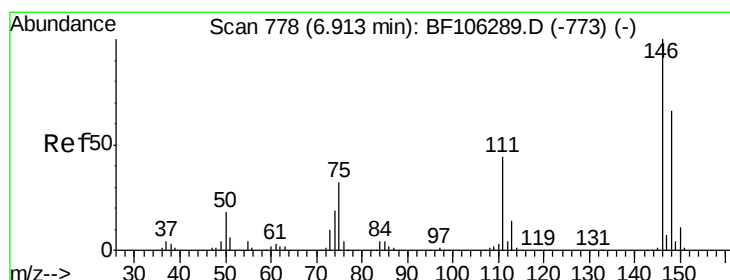
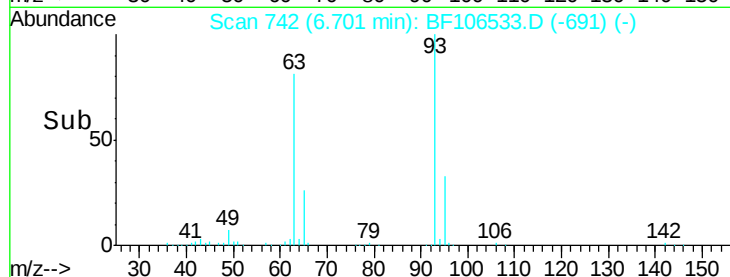
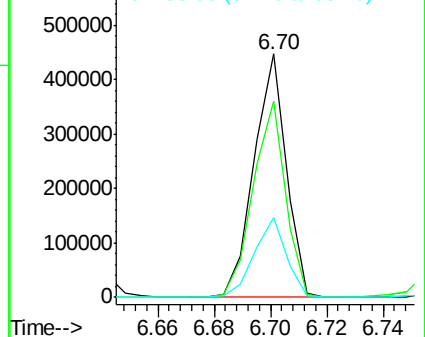
93 100

63 80.7 58.6 98.6

95 32.7 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 41.291 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

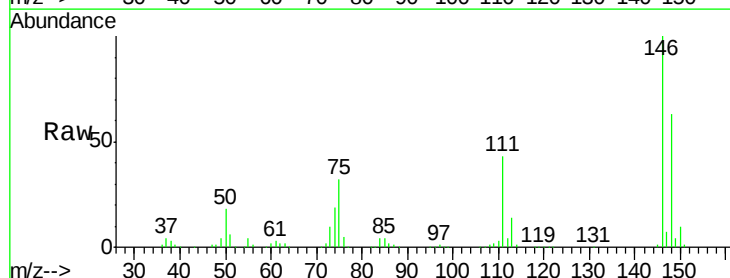
Tgt Ion: 146 Resp: 376133

Ion Ratio Lower Upper

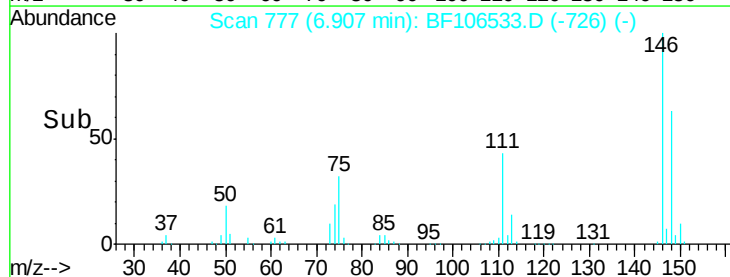
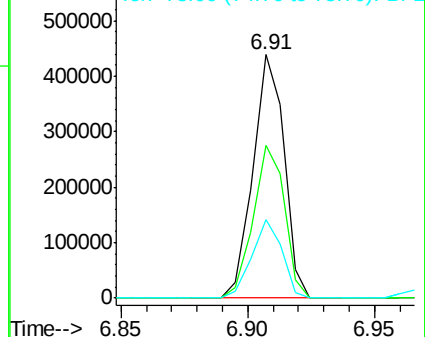
146 100

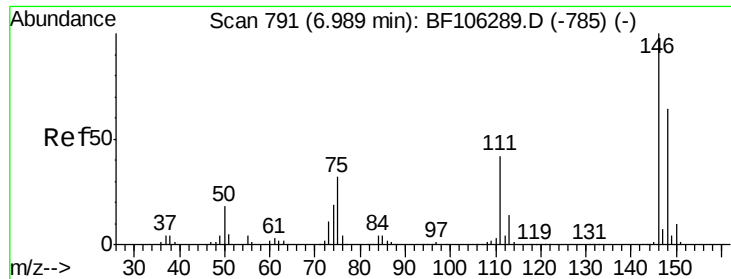
148 62.7 51.8 77.8

75 32.1 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

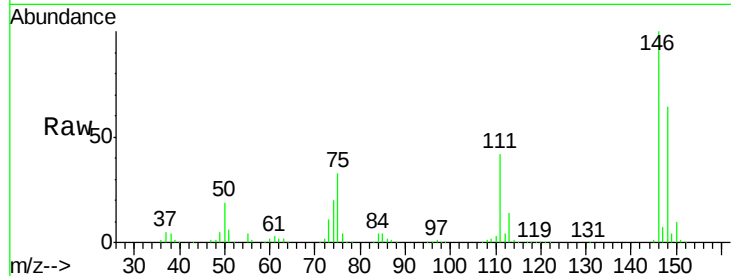




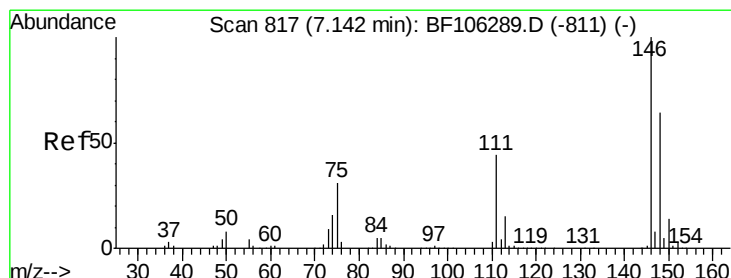
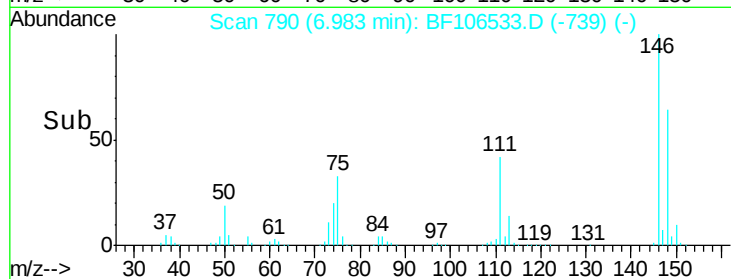
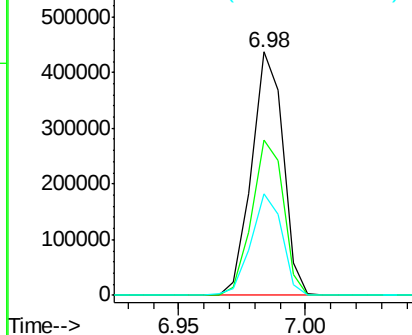
#13
 1,4-Dichlorobenzene
 Concen: 40.979 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

Tgt Ion:146 Resp: 378802
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 41.6 34.2 51.2

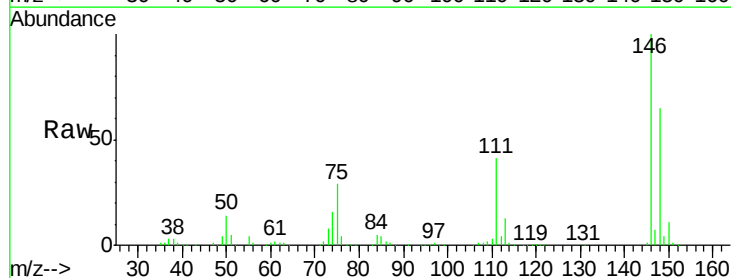


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

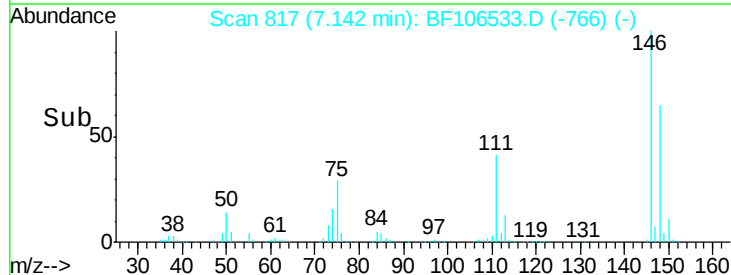
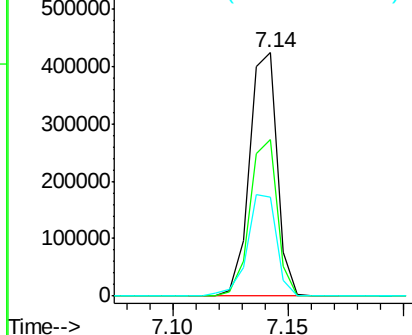


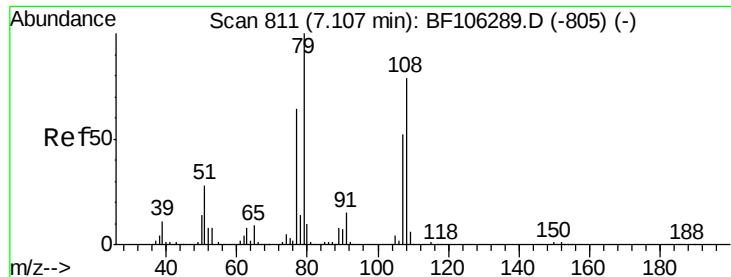
#14
 1,2-Dichlorobenzene
 Concen: 40.999 ng
 RT: 7.14 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion:146 Resp: 356770
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 40.9 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: 26.012 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

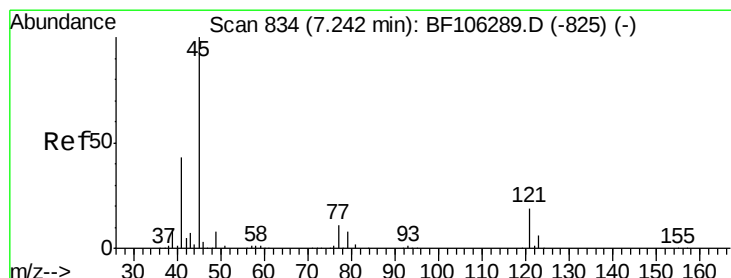
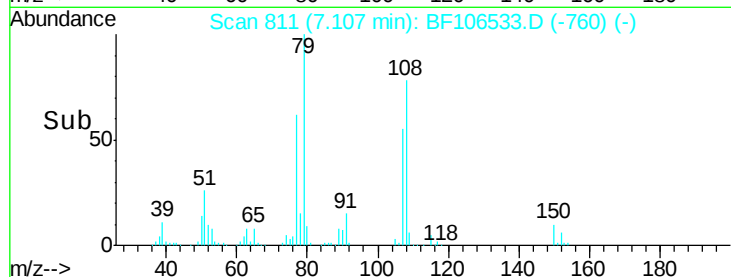
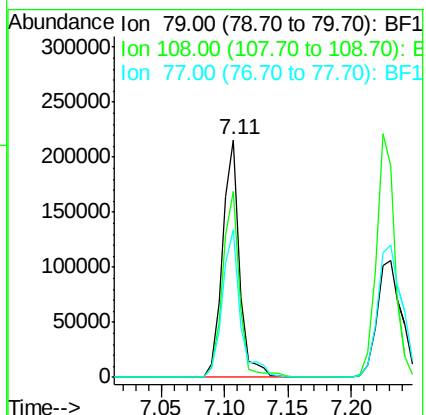
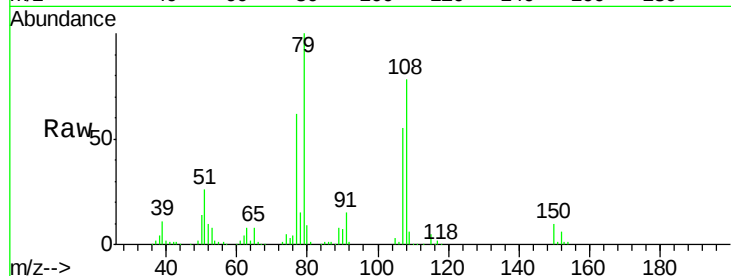
Tgt Ion: 79 Resp: 202558

Ion Ratio Lower Upper

79 100

108 78.3 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.912 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

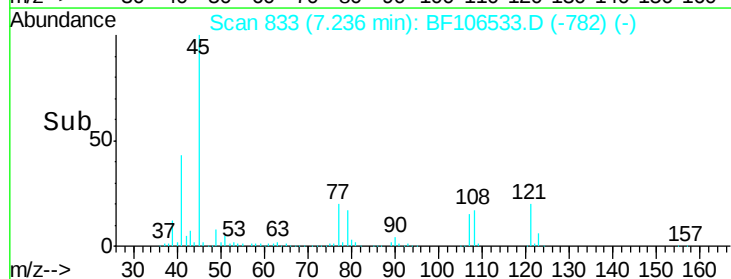
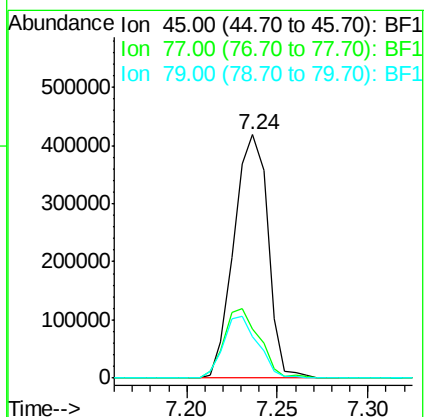
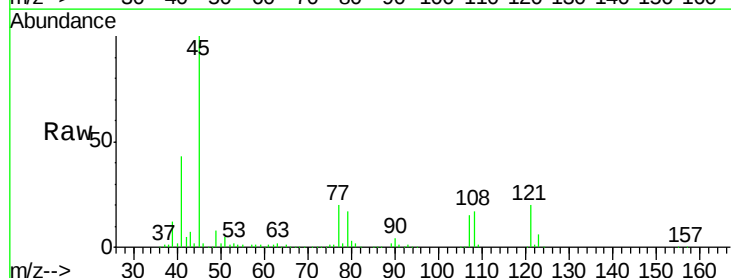
Tgt Ion: 45 Resp: 547091

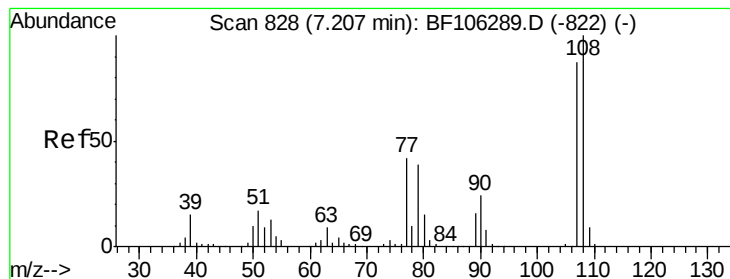
Ion Ratio Lower Upper

45 100

77 20.2 0.0 32.9

79 16.9 0.0 29.6





#17

2-Methylphenol

Concen: 28.016 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

Tgt Ion:107 Resp: 193460

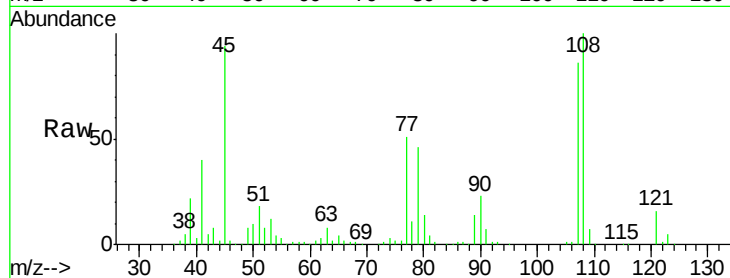
Ion Ratio Lower Upper

107 100

108 116.8 91.7 137.5

77 59.7 33.8 50.8#

79 53.9 33.8 50.8#

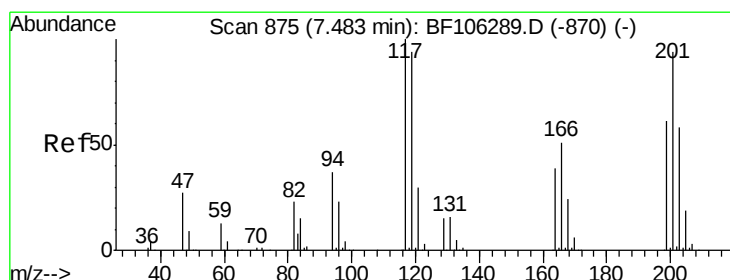
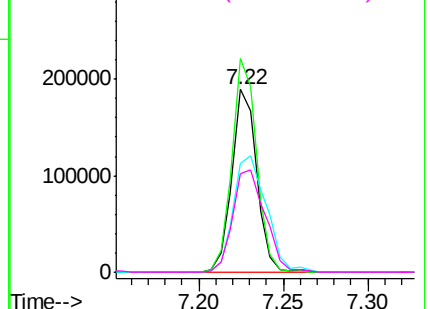
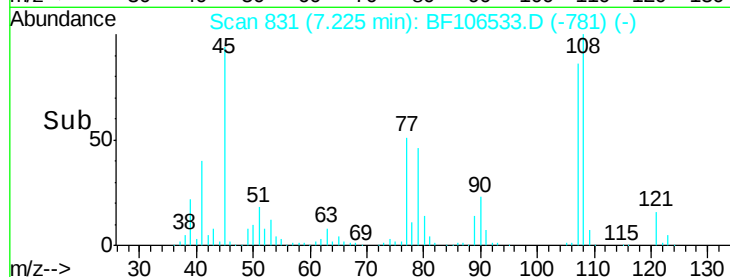


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.578 ng

RT: 7.48 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

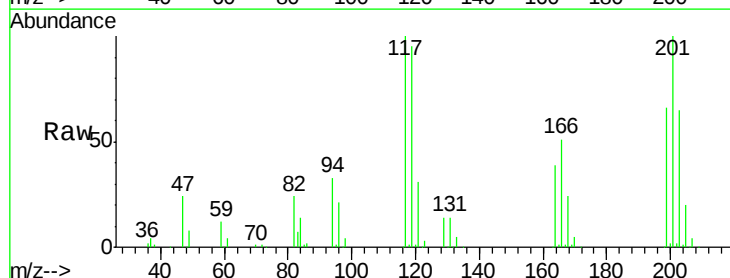
Tgt Ion:117 Resp: 136948

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

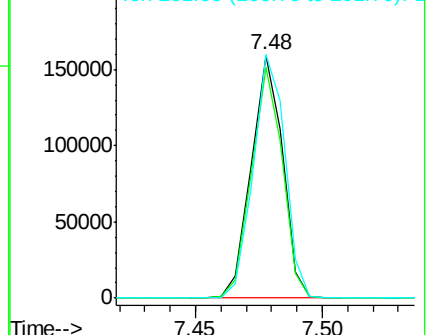
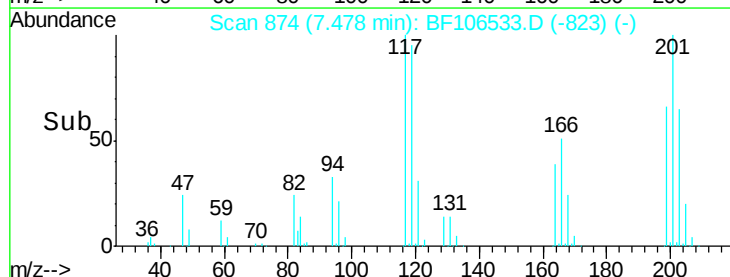
201 100.3 75.7 113.5

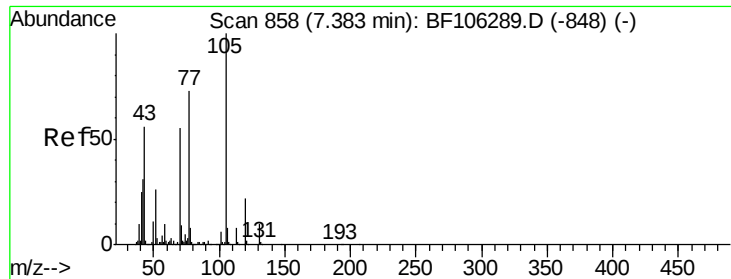


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

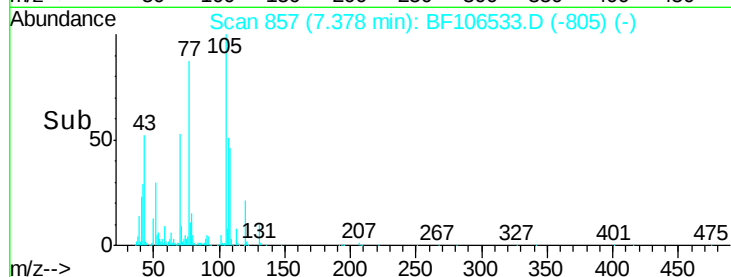
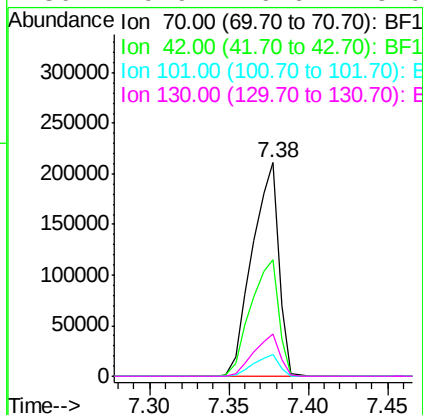
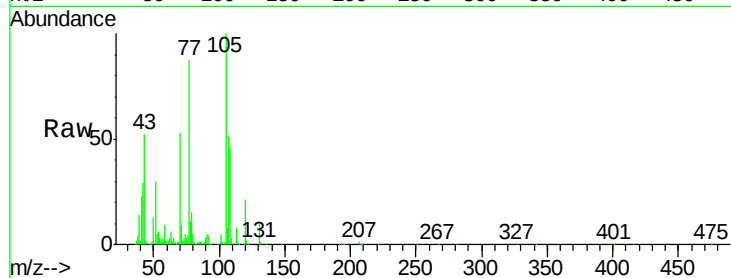




#19
n-Nitroso-di-n-propylamine
Concen: 36.399 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

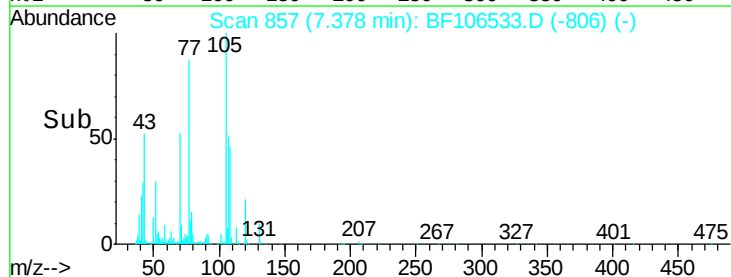
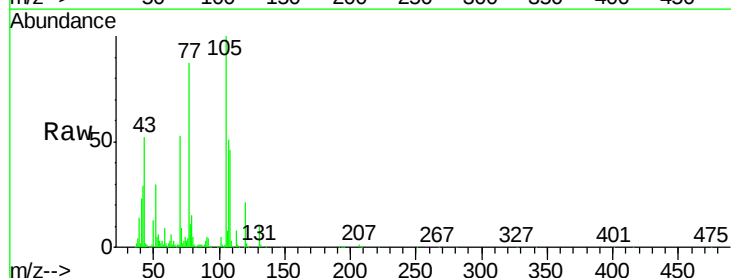
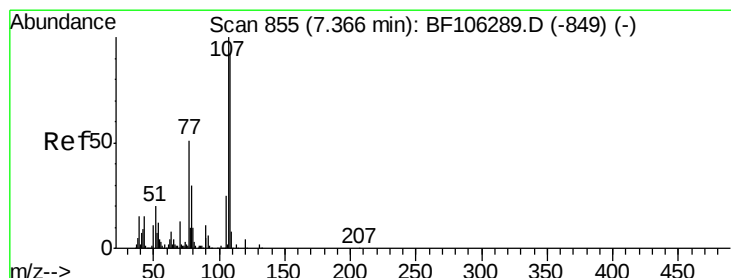
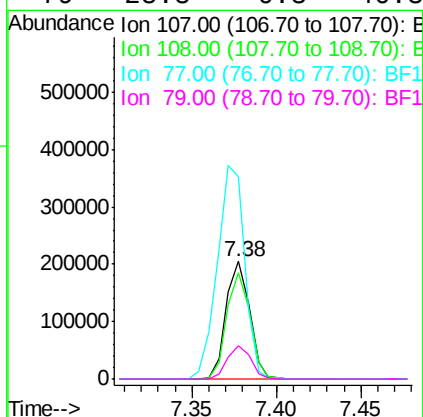
Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

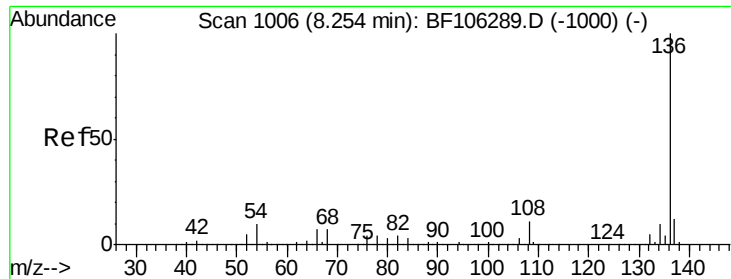
Tgt Ion: 70 Resp: 248308
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 10.1 7.4 11.2
130 19.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 22.667 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 107 Resp: 200168
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 171.6 26.7 66.7#
79 28.8 6.3 46.3

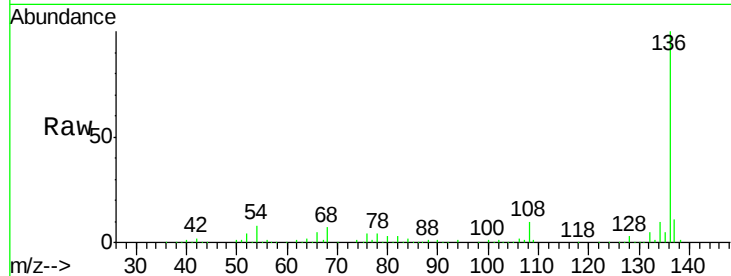




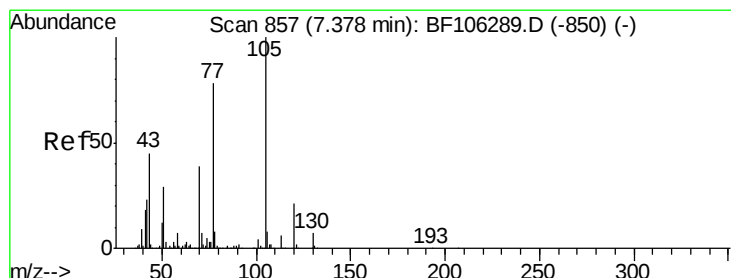
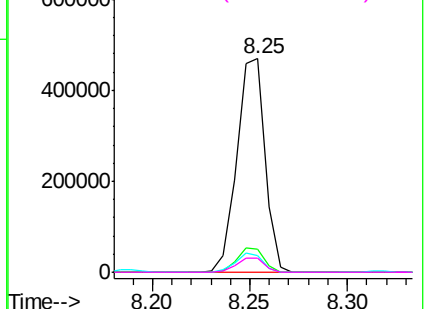
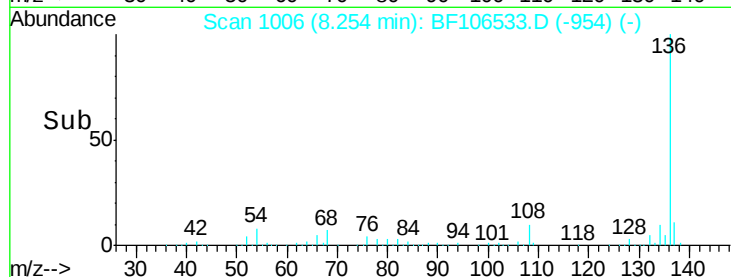
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

Tgt Ion:	136	Resp:	468524
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4

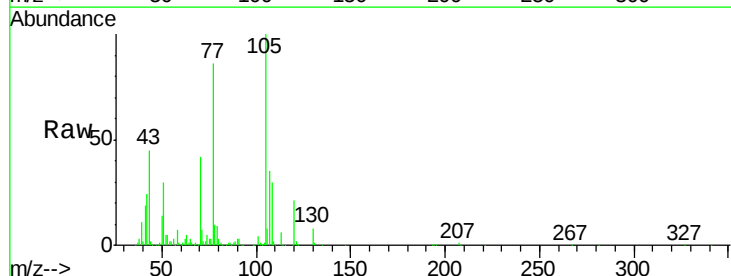


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

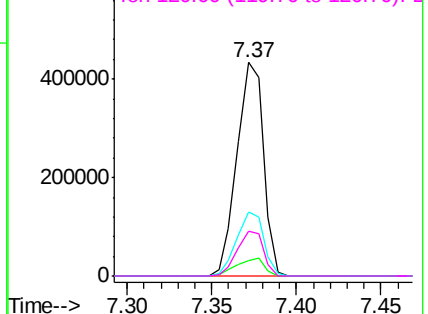
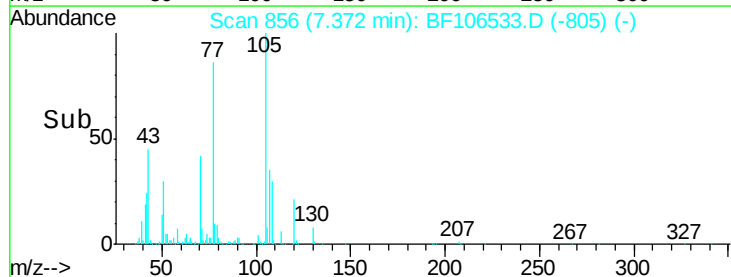


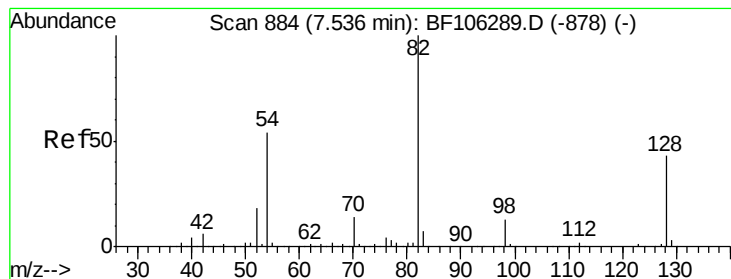
#22
Acetophenone
Concen: 40.357 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:	105	Resp:	476505
Ion Ratio	Lower	Upper	
105	100		
71	7.1	4.4	6.6#
51	30.2	22.3	33.5
120	21.1	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: 94.708 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

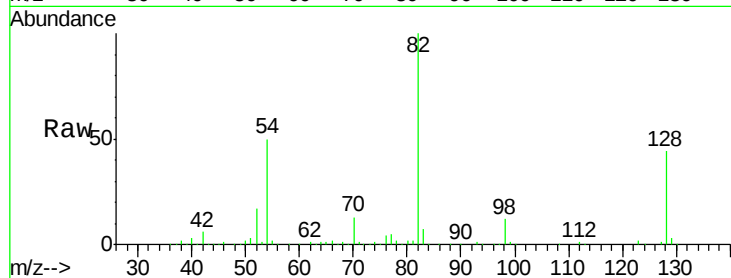
Instrument :

BNA_F

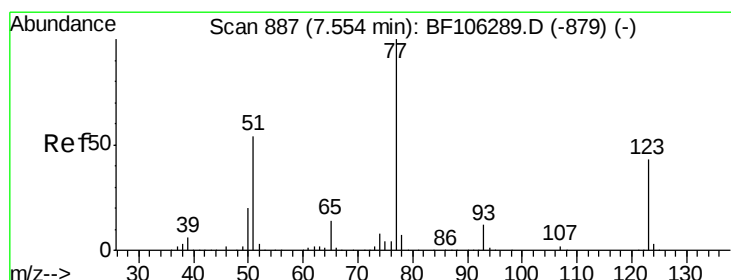
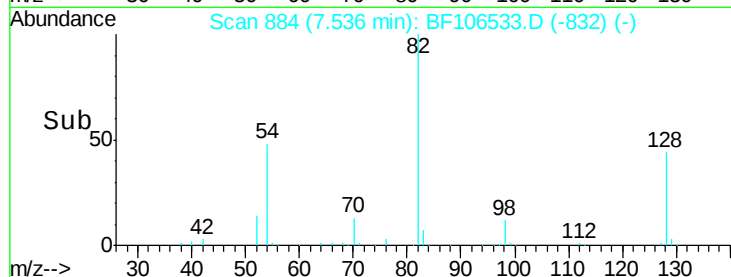
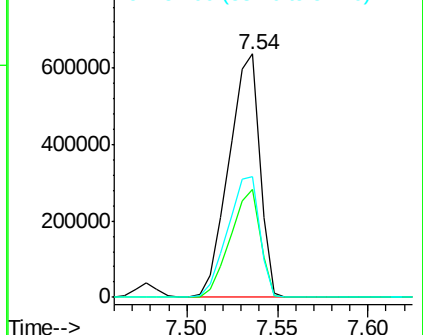
ClientSampleId :

MWHR2-6-061318MSD

Tgt Ion:	82	Resp:	754280
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	49.6	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: 46.429 ng

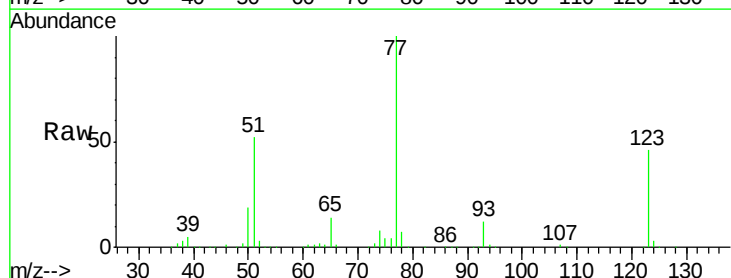
RT: 7.55 min Scan# 887

Delta R.T. -0.00 min

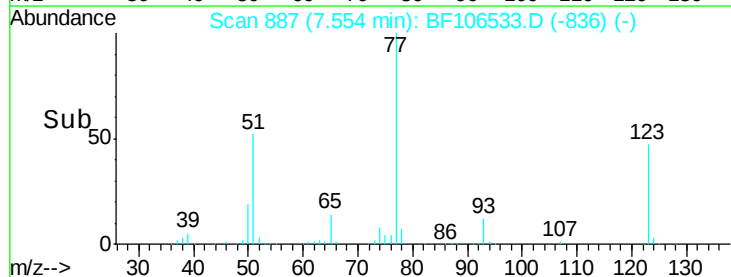
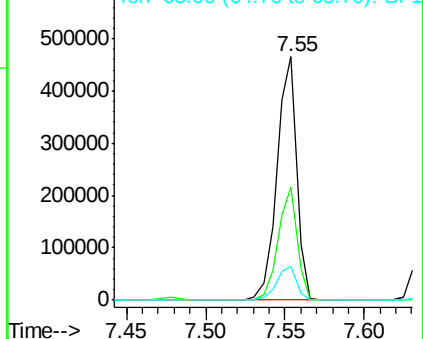
Lab File: BF106533.D

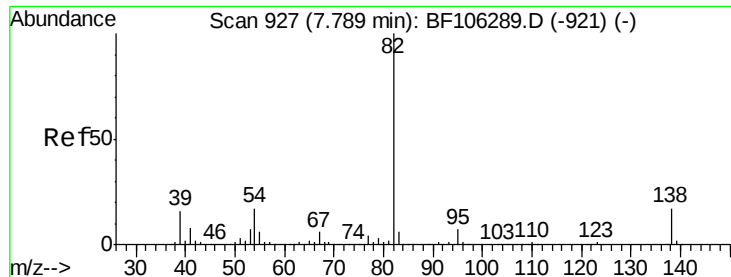
Acq: 18 Jun 2018 12:52

Tgt Ion:	77	Resp:	401903
Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.9	56.9
65	13.9	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

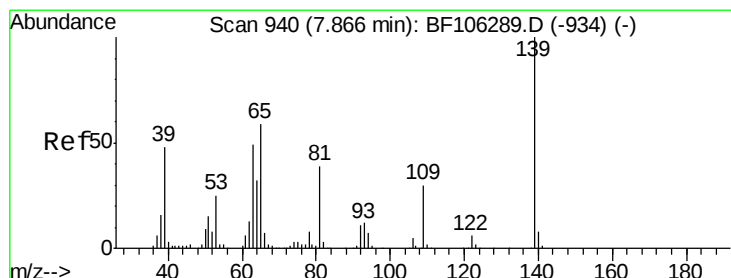
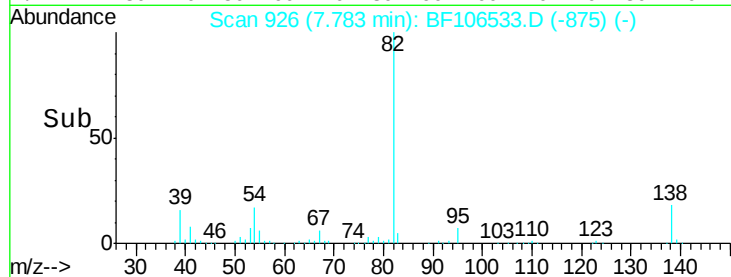
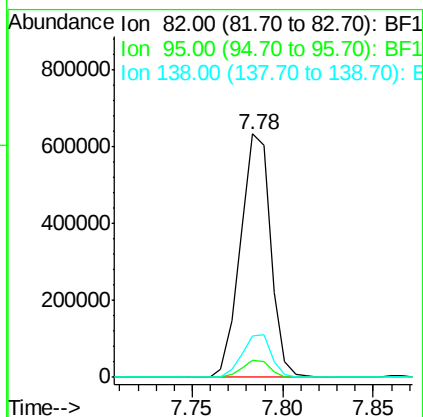
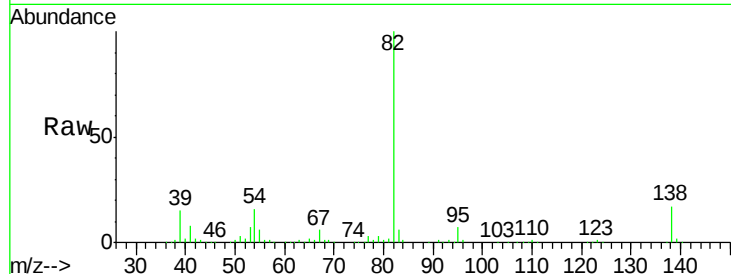




#25
Isophorone
Concen: 47.104 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

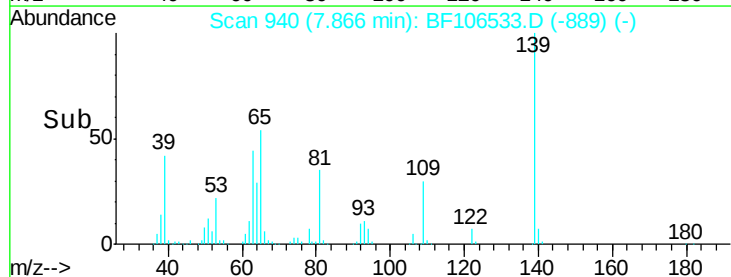
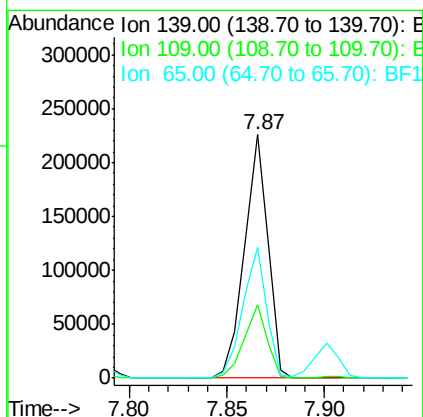
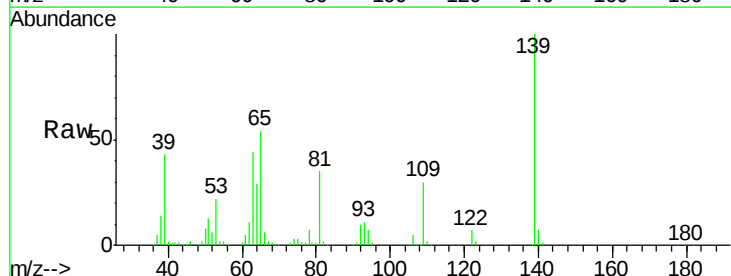
Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

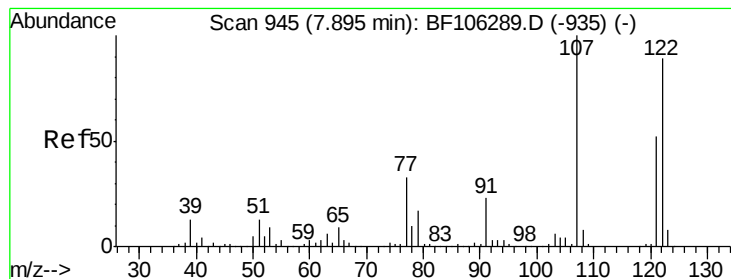
Tgt Ion: 82 Resp: 732748
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.0 14.9 22.3



#26
2-Nitrophenol
Concen: 56.170 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 139 Resp: 188727
Ion Ratio Lower Upper
139 100
109 30.4 22.7 34.1
65 53.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.265 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

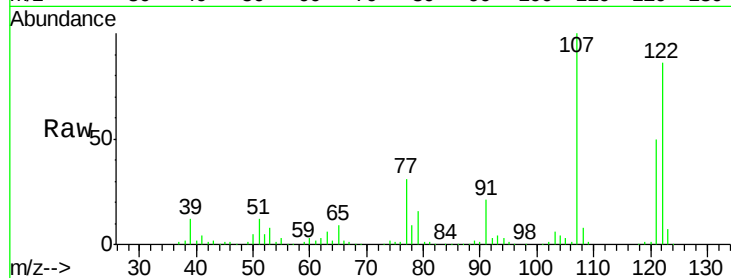
Tgt Ion:122 Resp: 278341

Ion Ratio Lower Upper

122 100

107 116.6 91.2 136.8

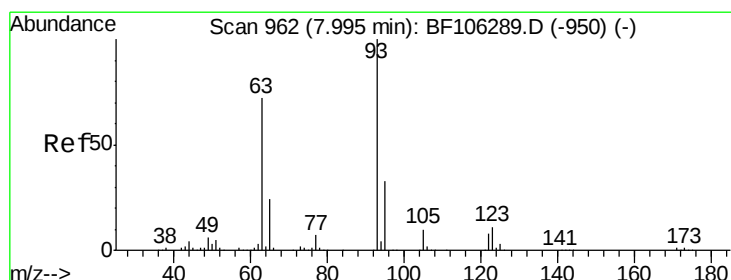
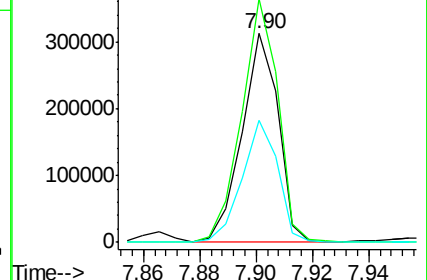
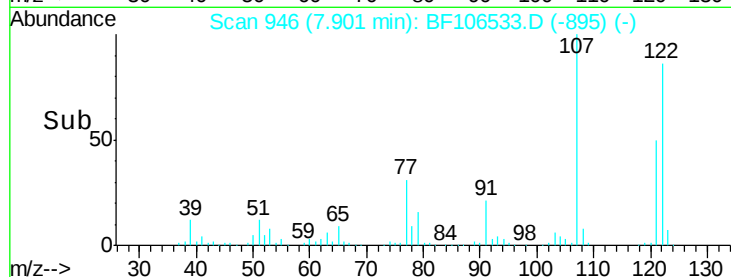
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.578 ng

RT: 8.00 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

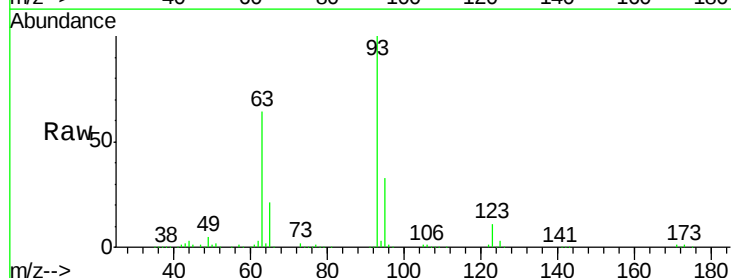
Tgt Ion: 93 Resp: 459732

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

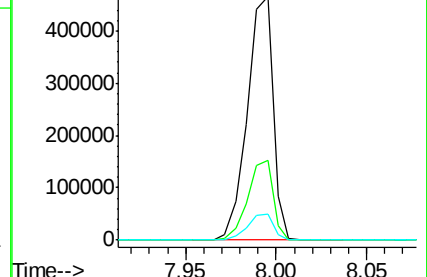
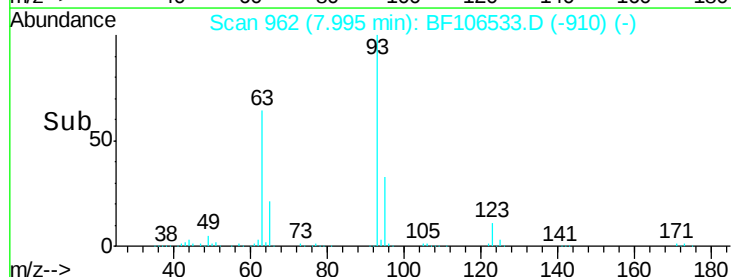
123 10.7 9.8 14.6

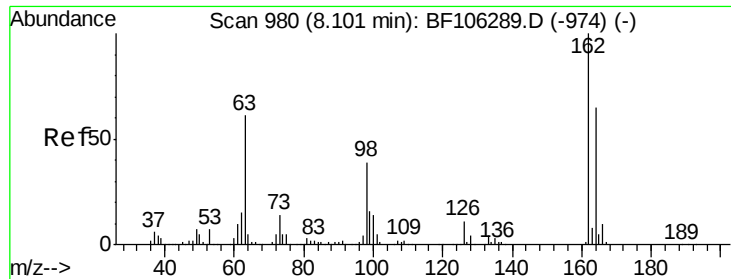


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

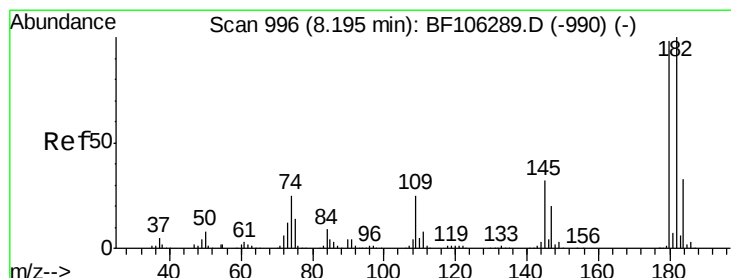
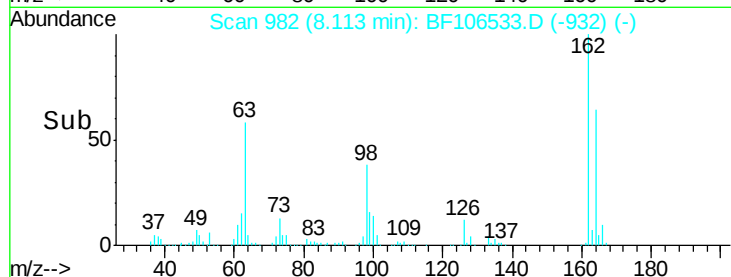
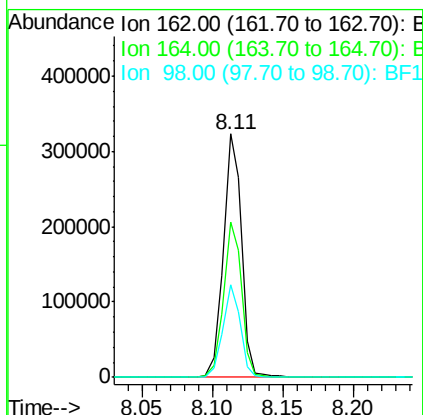
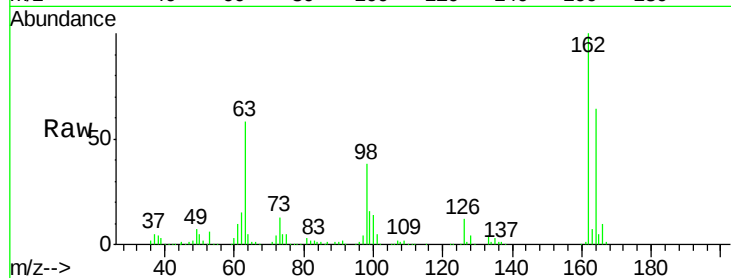




#29
2,4-Dichlorophenol
Concen: 45.382 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

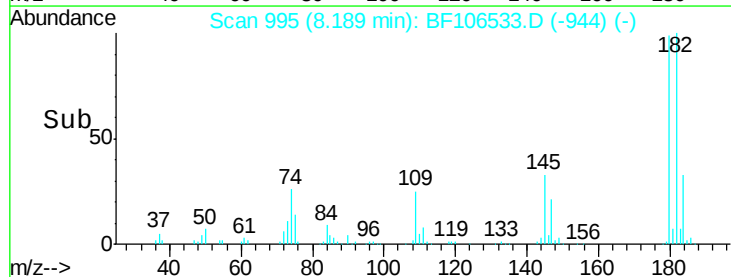
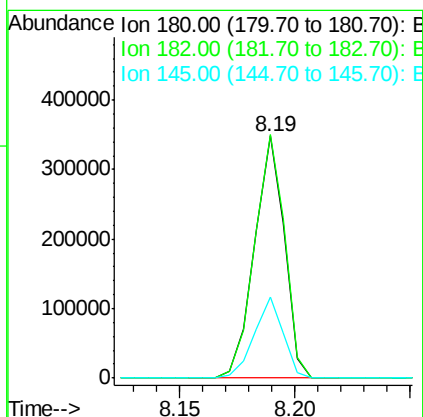
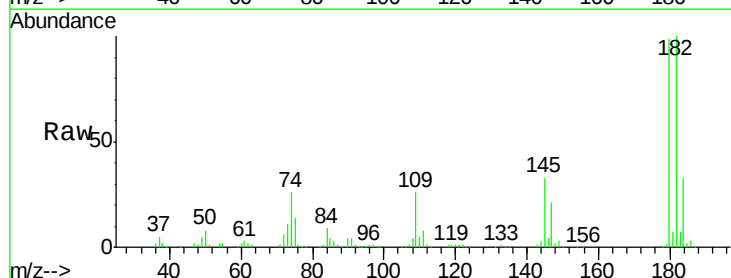
Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

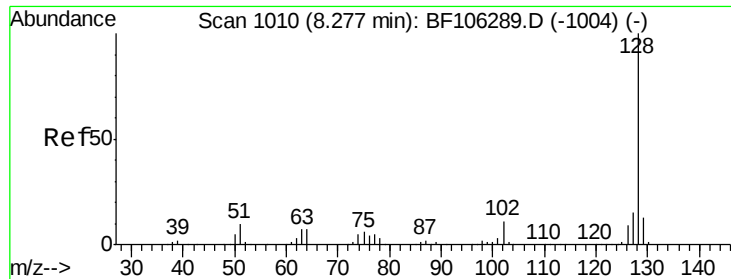
Tgt Ion:162 Resp: 288329
Ion Ratio Lower Upper
162 100
164 63.7 42.7 82.7
98 37.9 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 44.298 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:180 Resp: 315564
Ion Ratio Lower Upper
180 100
182 100.6 76.8 115.2
145 33.3 26.5 39.7

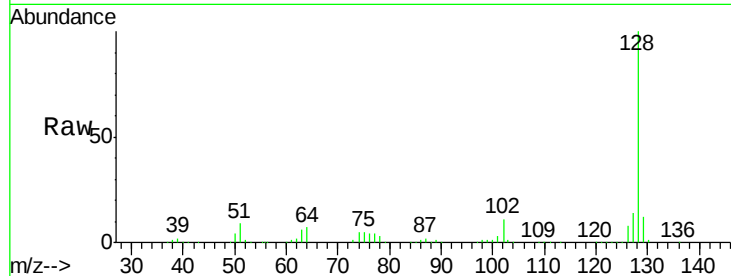




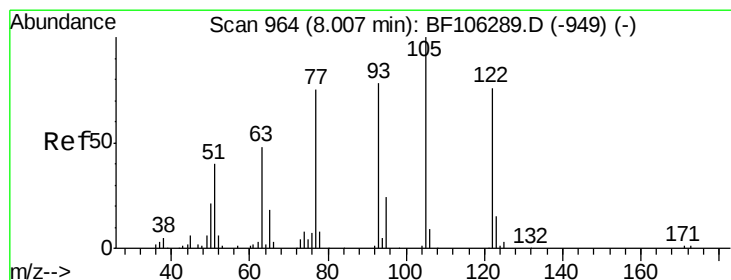
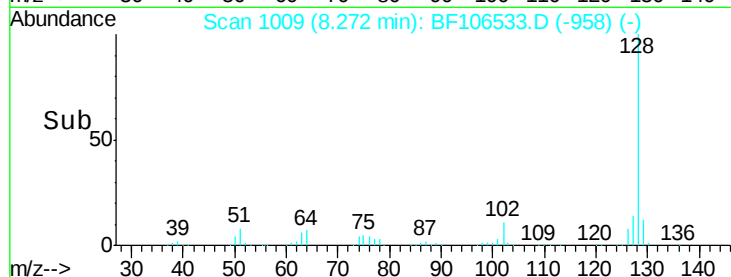
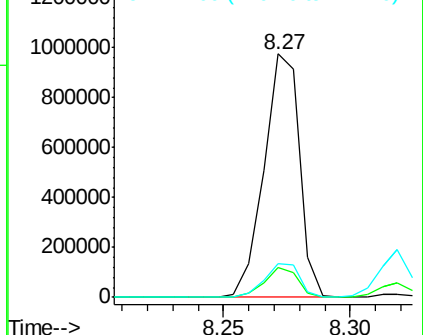
#31
Naphthalene
Concen: 45.277 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

Tgt Ion:128 Resp: 958956
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 13.7 10.9 16.3

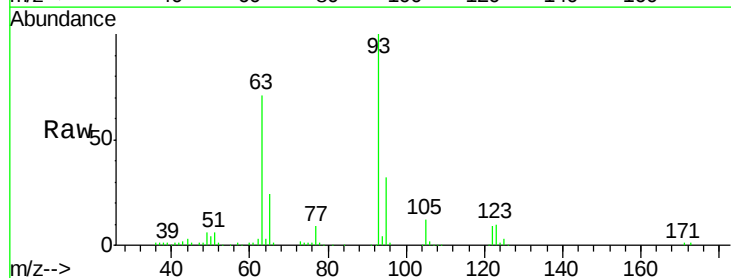


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

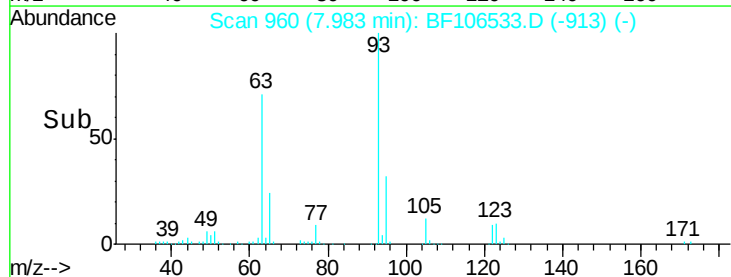
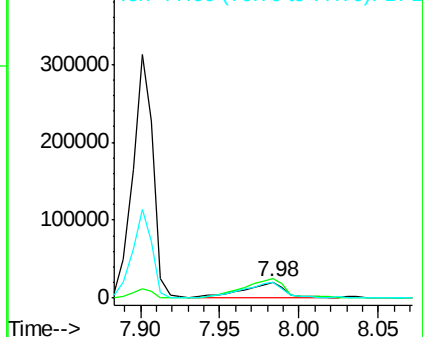


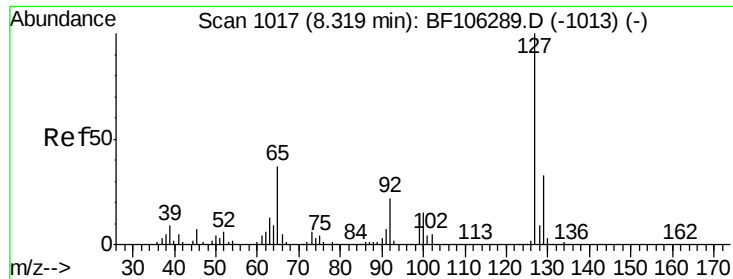
#32
Benzoic acid
Concen: 13.259 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:122 Resp: 34193
Ion Ratio Lower Upper
122 100
105 127.4 101.1 141.1
77 101.0 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

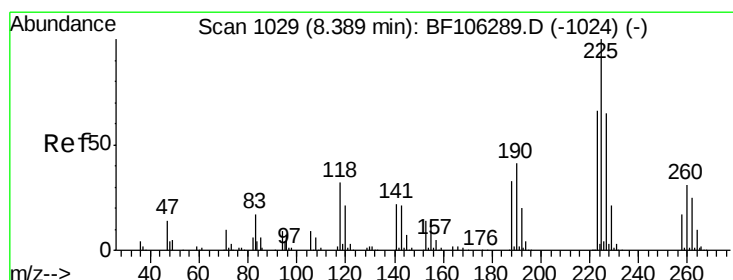
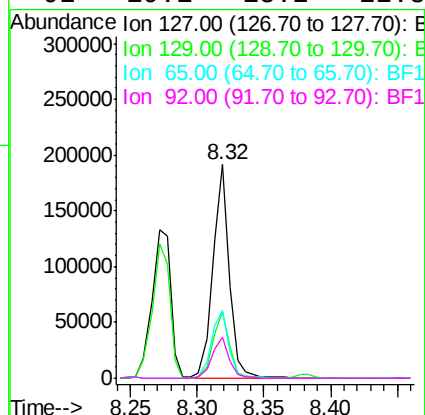
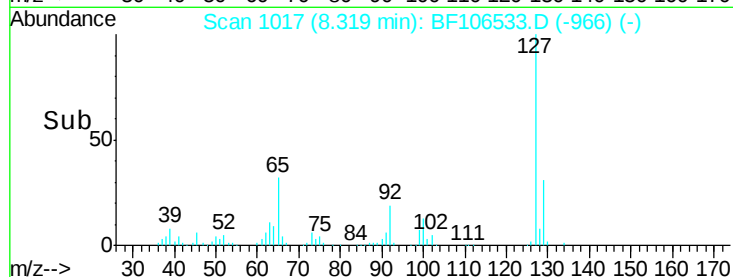
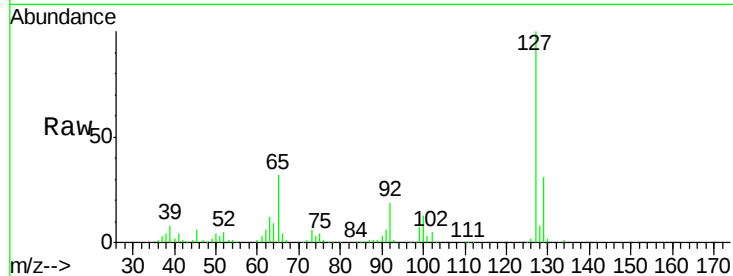




#33
4-Chloroaniline
Concen: 17.655 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

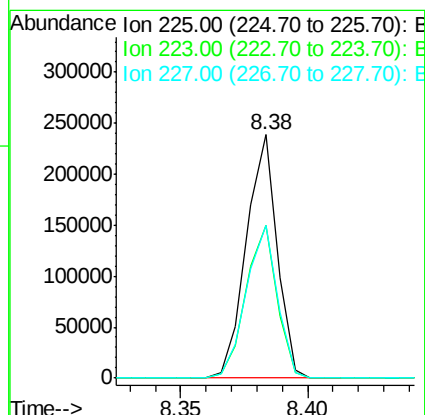
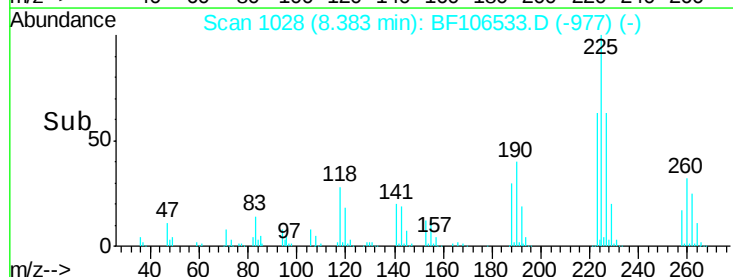
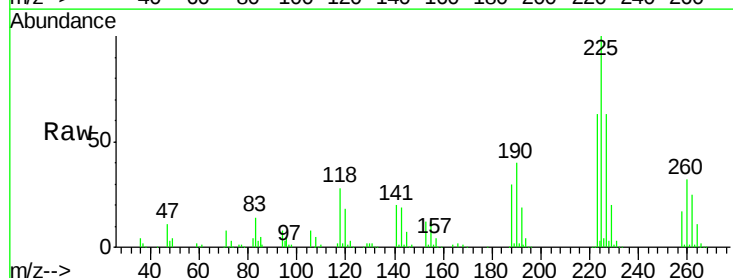
Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

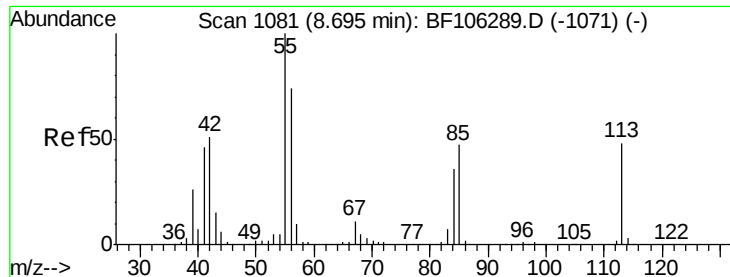
Tgt Ion:	127	Resp:	165707
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	32.0	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.154 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:	225	Resp:	202077
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.7	51.9	77.9

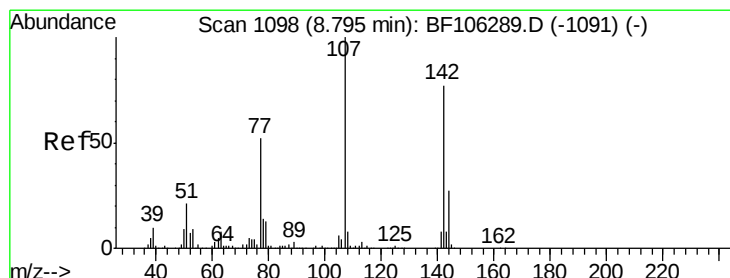
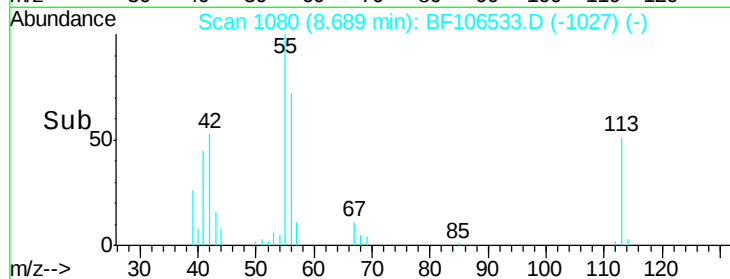
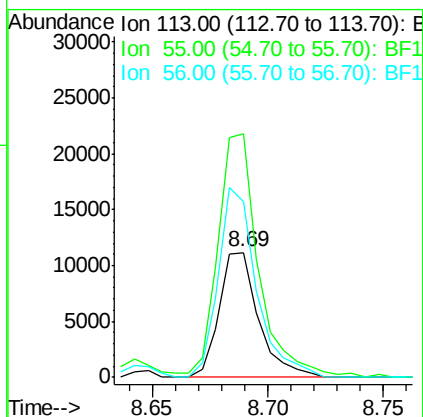
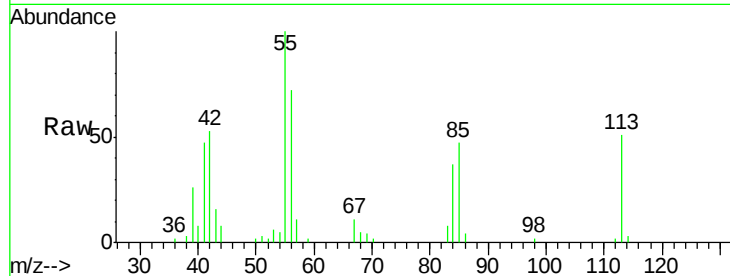




#35
 Caprolactam
 Concen: 6.142 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

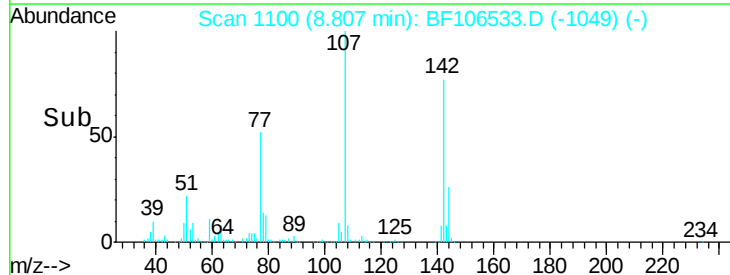
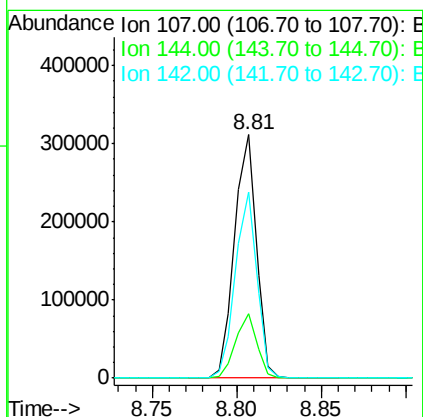
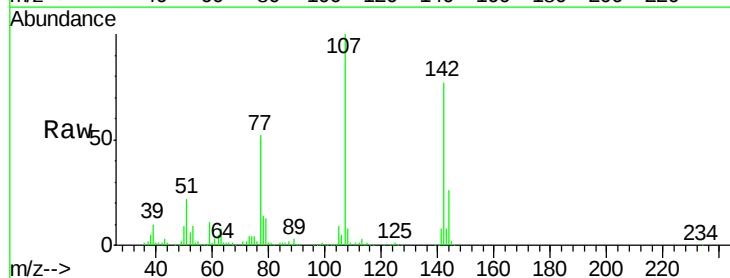
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

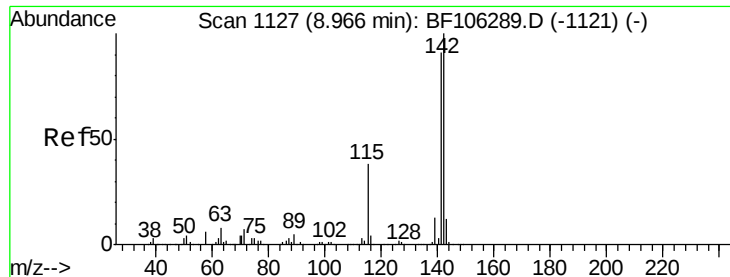
Tgt Ion:113 Resp: 13199
 Ion Ratio Lower Upper
 113 100
 55 194.9 163.3 203.3
 56 141.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.127 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion:107 Resp: 282006
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 76.7 62.0 93.0

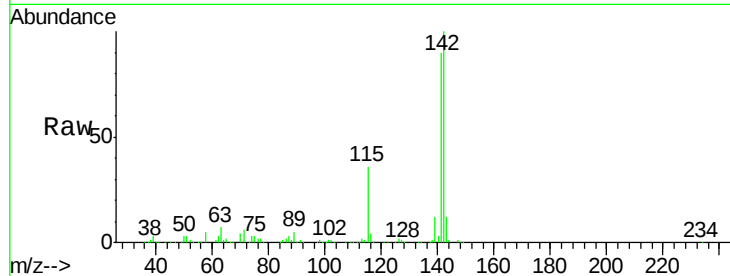




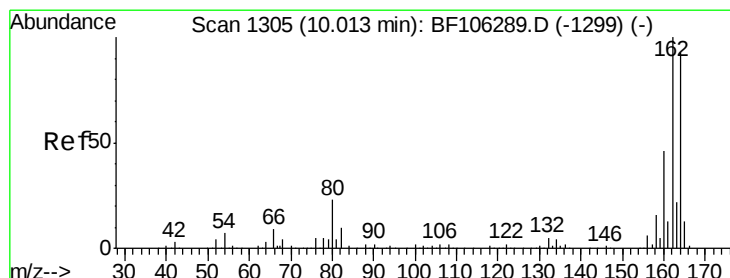
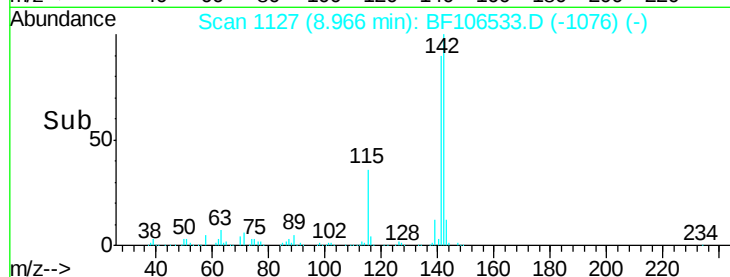
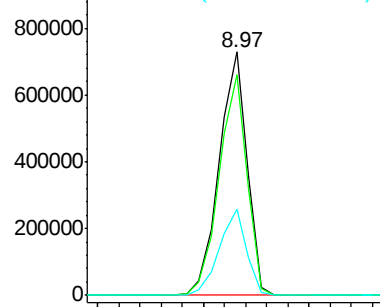
#37
2-Methylnaphthalene
Concen: 46.201 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

Tgt Ion:142 Resp: 666479
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2
115 35.6 26.1 39.1

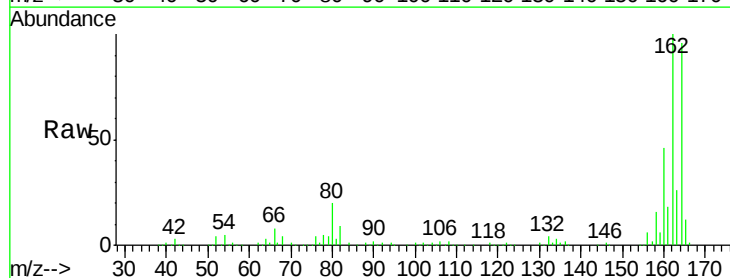


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

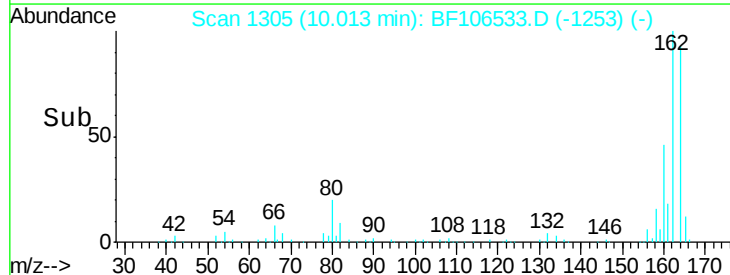
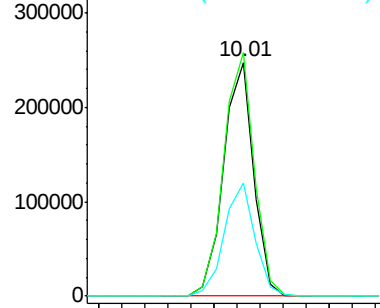


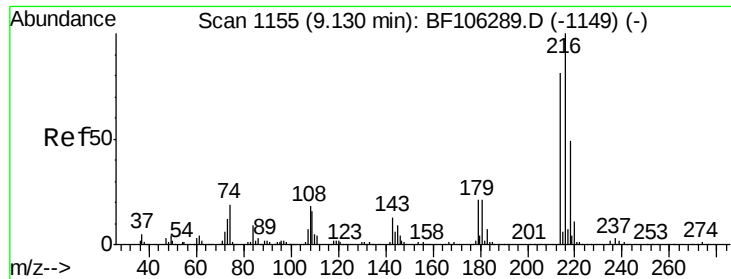
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:164 Resp: 225223
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 48.3 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.403 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

Tgt Ion:216 Resp: 339270

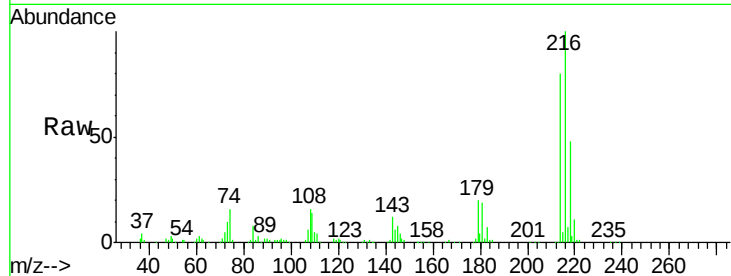
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 19.7 18.1 27.1

108 19.4 17.2 25.8

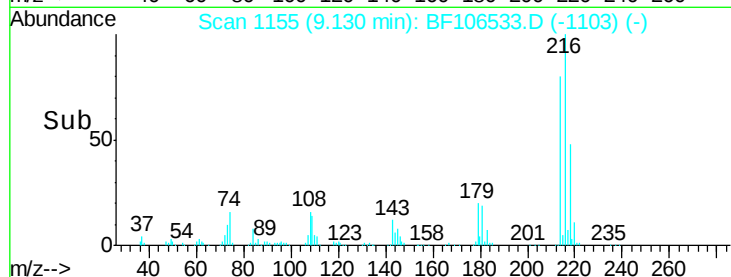


Abundance Ion 216.00 (215.70 to 216.70): E

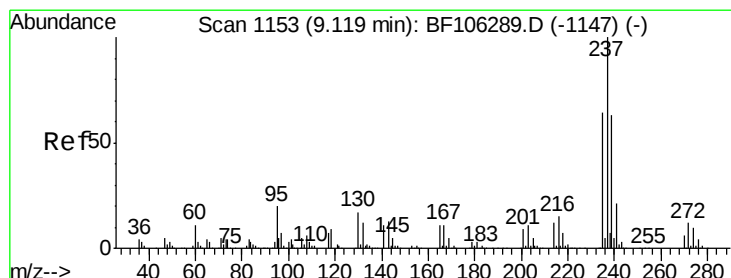
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 91.726 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

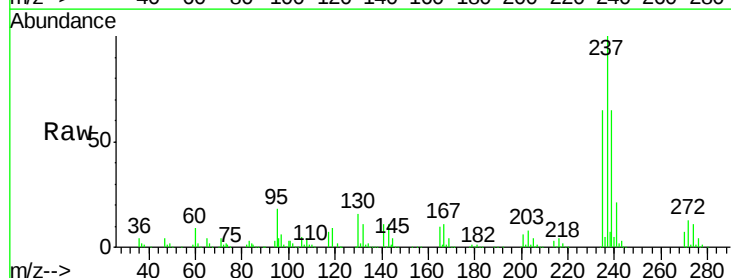
Tgt Ion:237 Resp: 370016

Ion Ratio Lower Upper

237 100

235 64.7 44.8 84.8

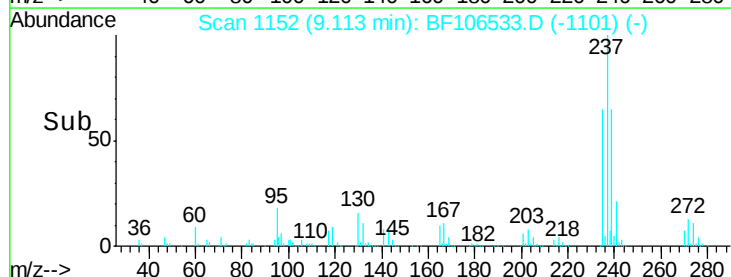
272 13.4 0.0 33.3



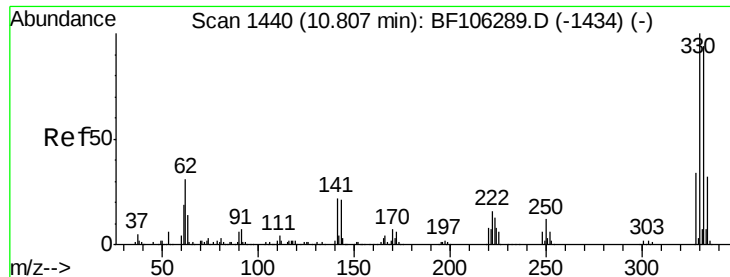
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



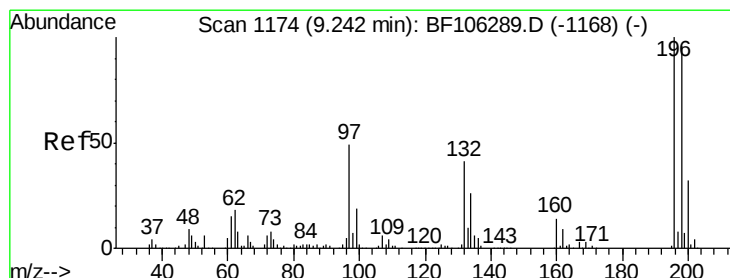
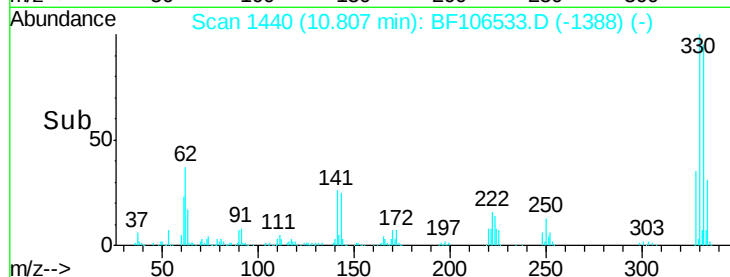
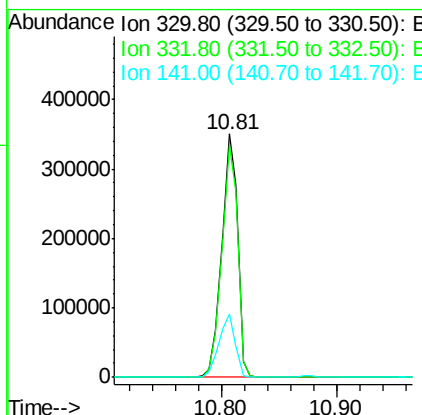
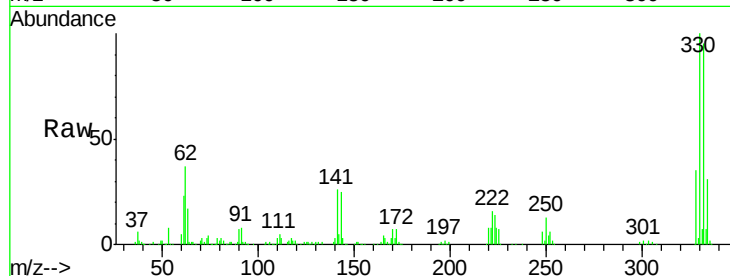
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 154.761 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

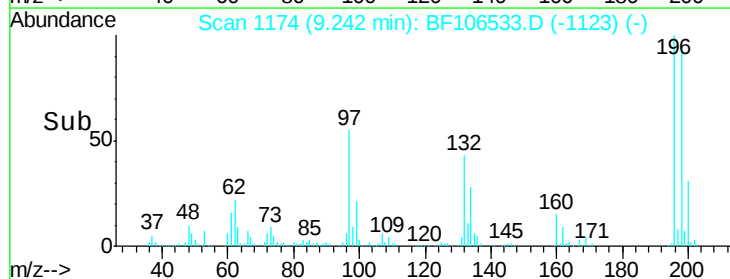
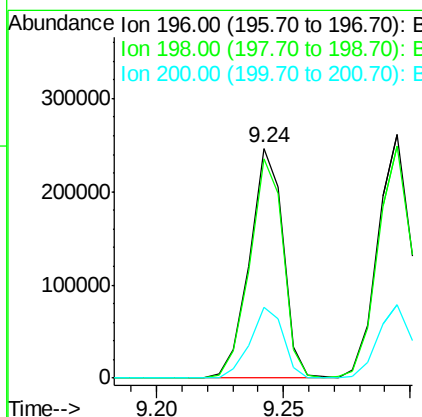
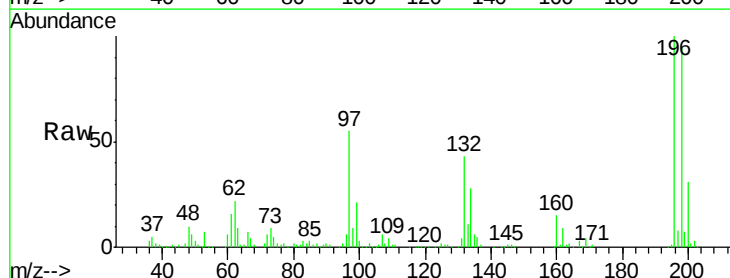
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

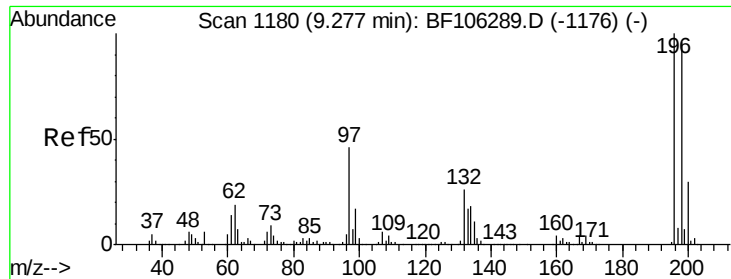
Tgt Ion:330 Resp: 335372
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 26.7 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 48.903 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion:196 Resp: 227857
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.7 24.5 36.7

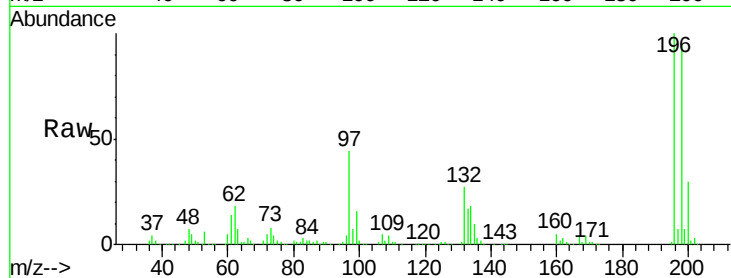




#43
 2,4,5-Trichlorophenol
 Concen: 47.726 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	43.8	42.9	64.3
132	26.6	26.3	39.5



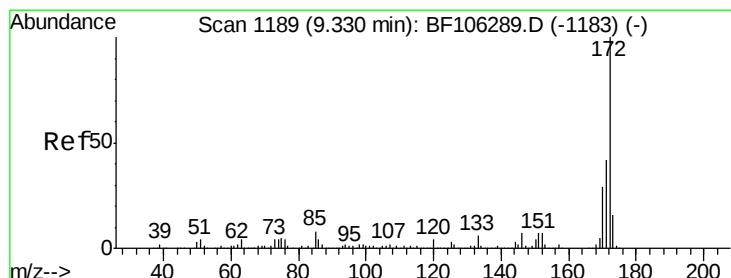
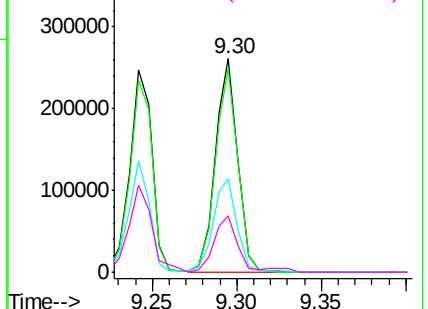
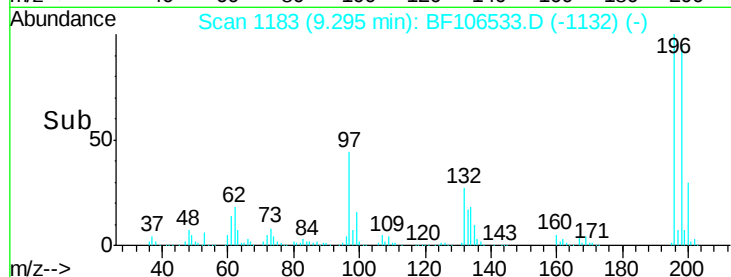
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

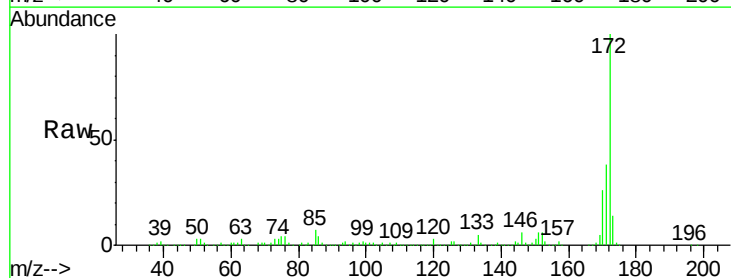
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.816 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.7	19.6	29.4

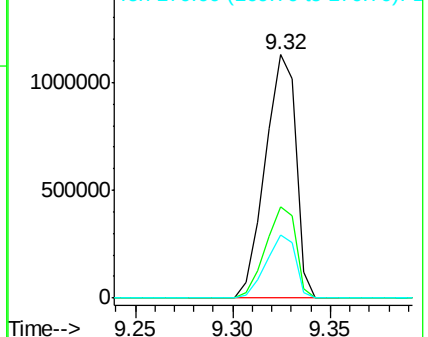
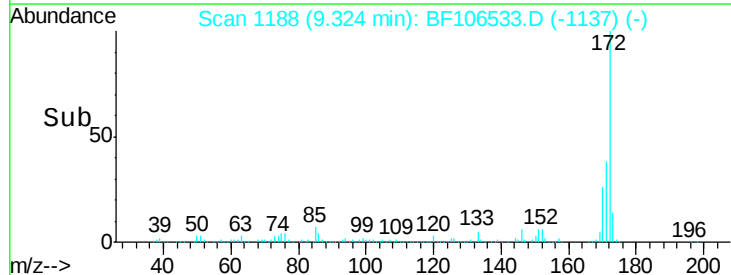


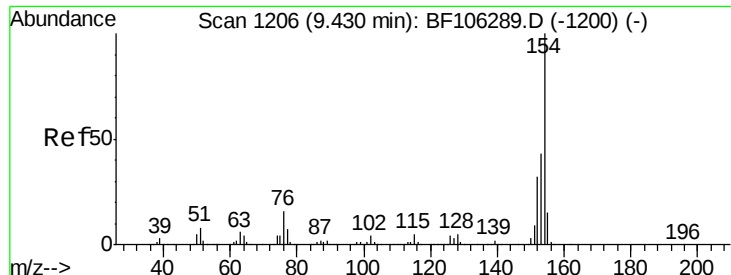
Abundance

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

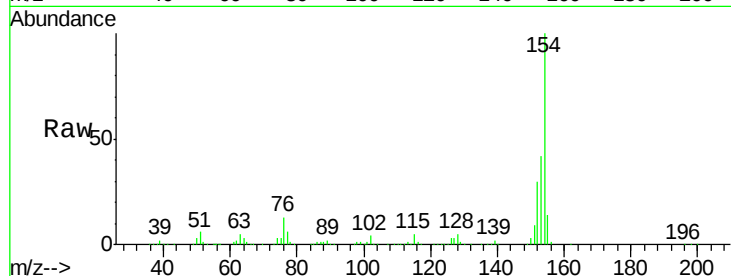




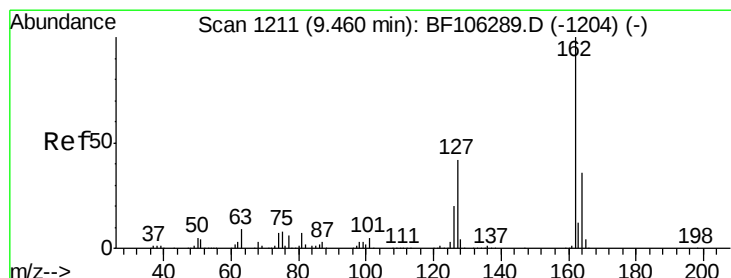
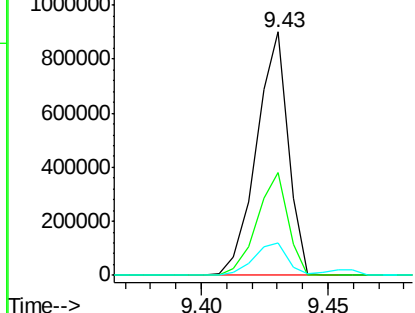
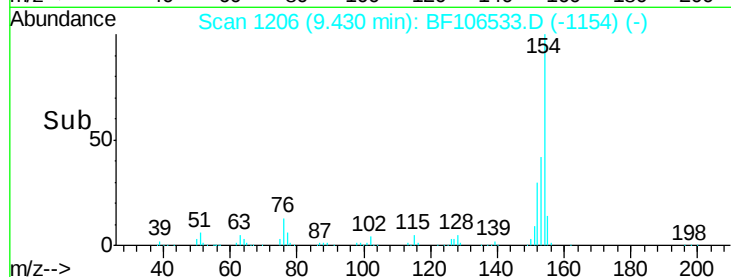
#45
 1,1'-Biphenyl
 Concen: 45.184 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.3	61.3
76	13.4	0.0	34.0

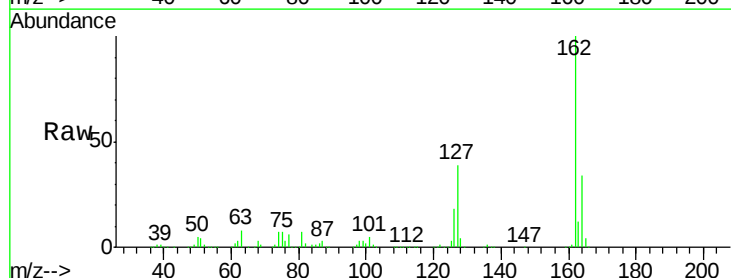


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

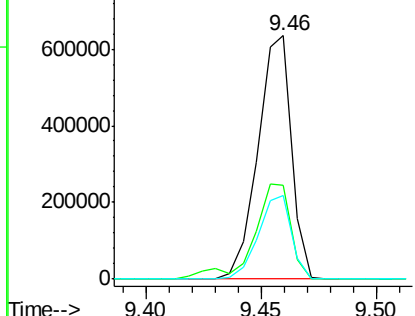
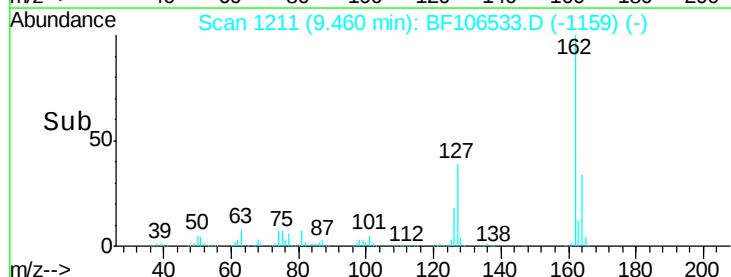


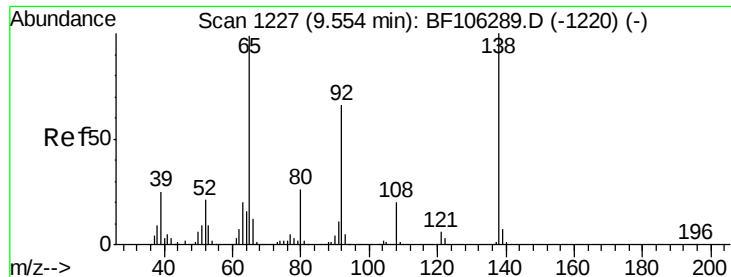
#46
 2-Chloronaphthalene
 Concen: 45.966 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	34.3	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

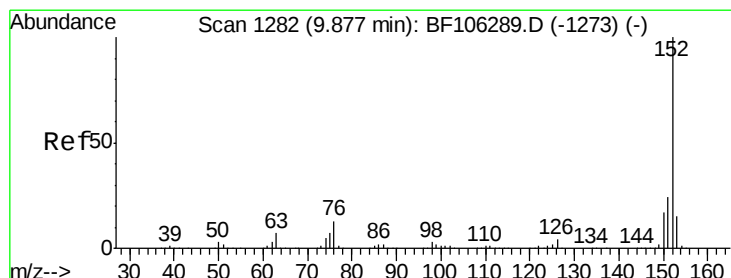
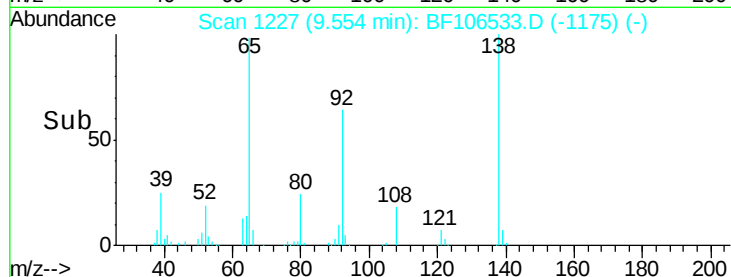
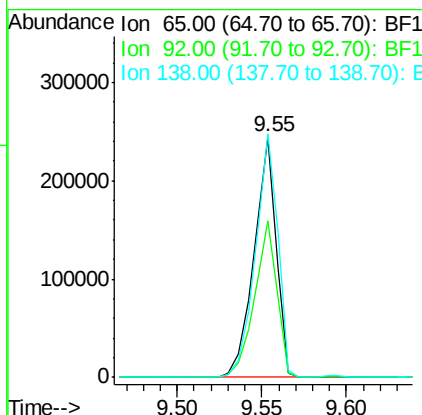
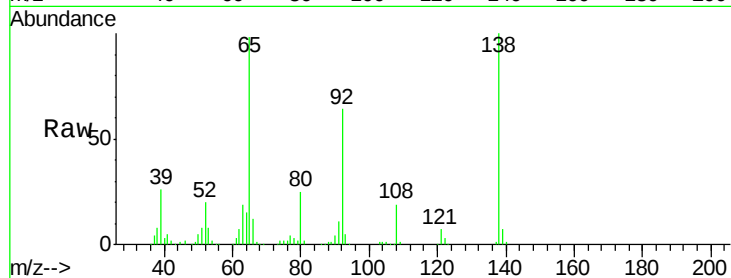




#47
2-Nitroaniline
Concen: 51.290 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

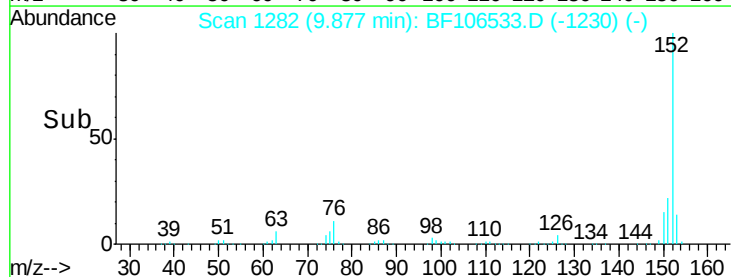
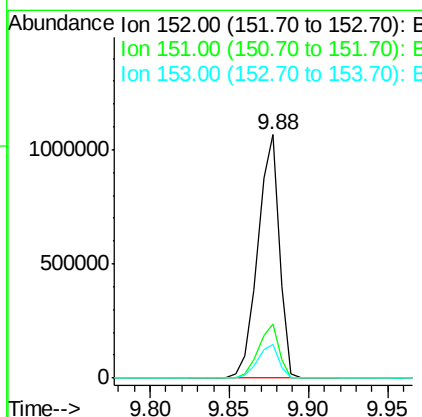
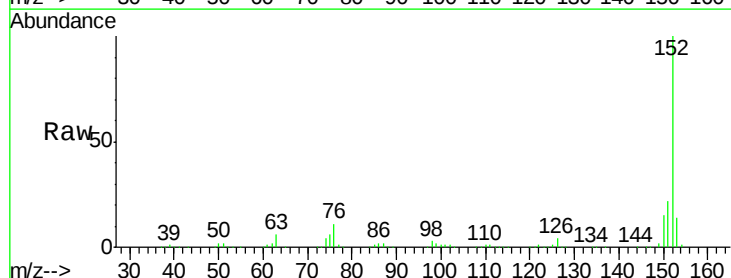
Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

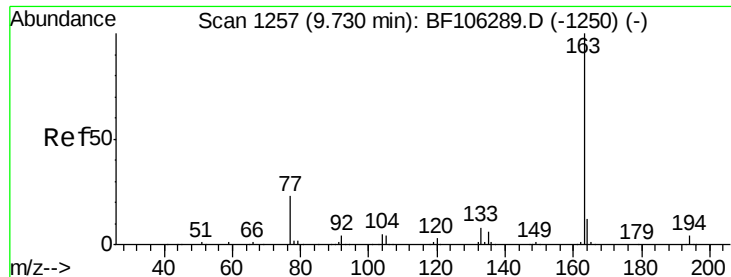
Tgt Ion: 65 Resp: 225248
Ion Ratio Lower Upper
65 100
92 65.2 55.8 83.6
138 101.5 91.2 136.8



#48
Acenaphthylene
Concen: 47.301 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 152 Resp: 1010722
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 13.9 10.7 16.1

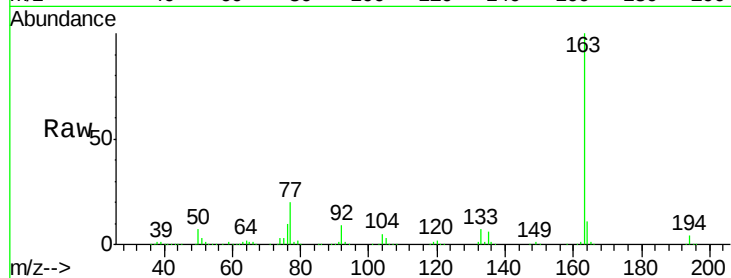




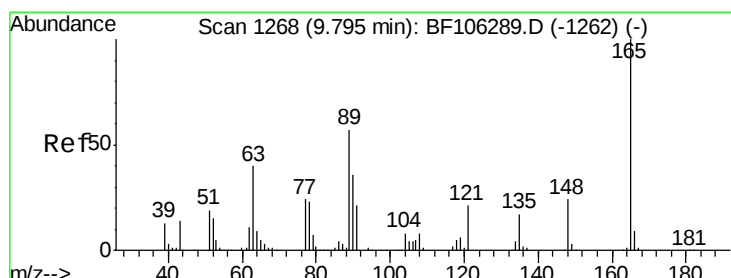
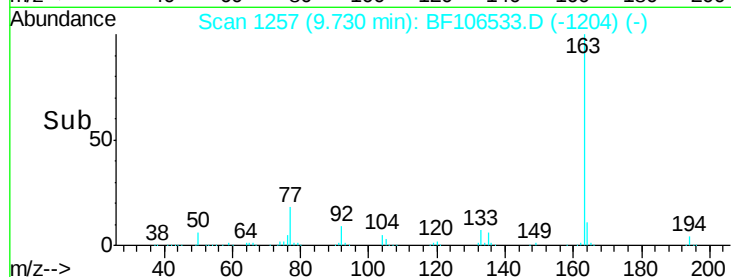
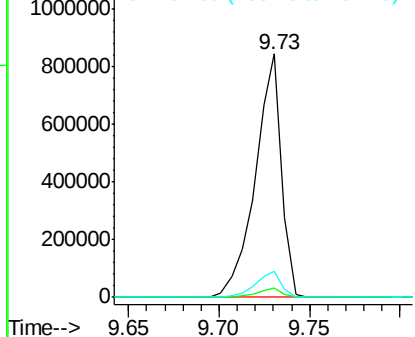
#49
Dimethylphthalate
Concen: 52.310 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

Tgt Ion:163 Resp: 841716
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2

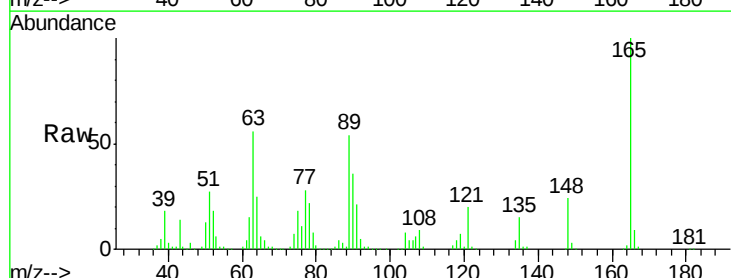


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

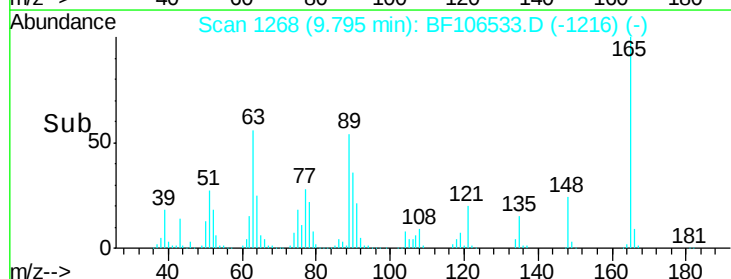
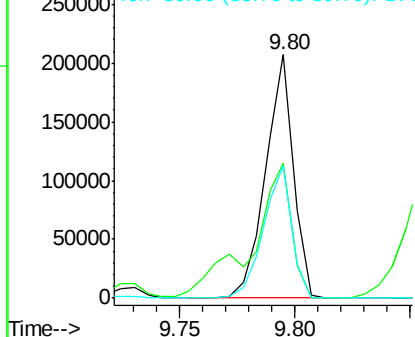


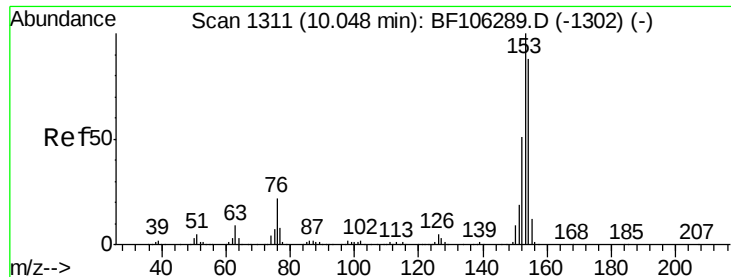
#50
2,6-Dinitrotoluene
Concen: 52.698 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:165 Resp: 173209
Ion Ratio Lower Upper
165 100
63 55.6 44.7 67.1
89 54.3 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: 43.216 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

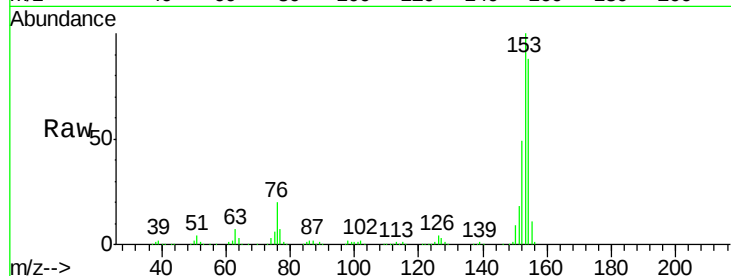
Tgt Ion:154 Resp: 596368

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

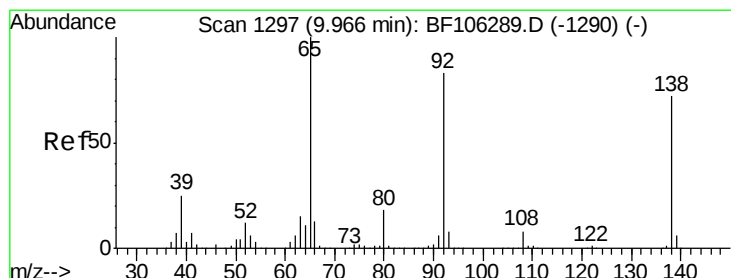
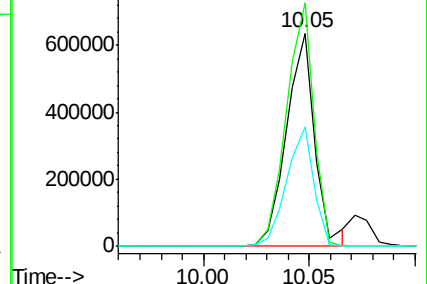
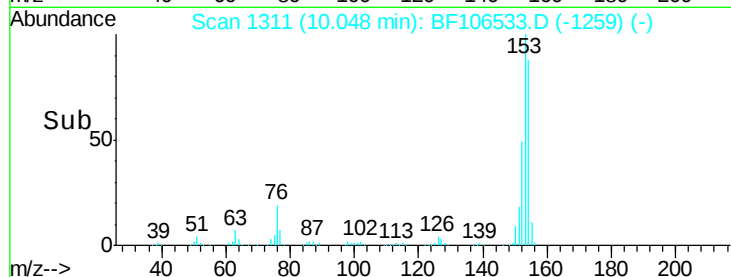
152 56.0 43.8 65.8



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: 19.671 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

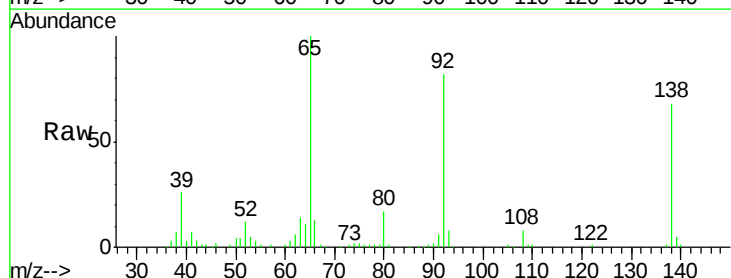
Tgt Ion:138 Resp: 76739

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

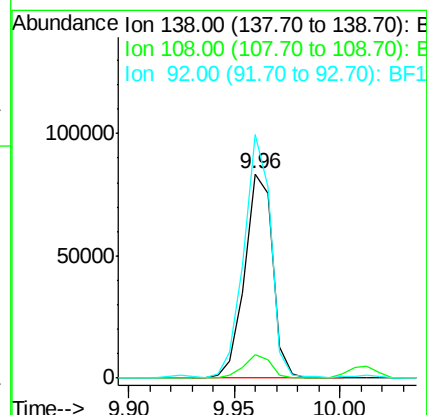
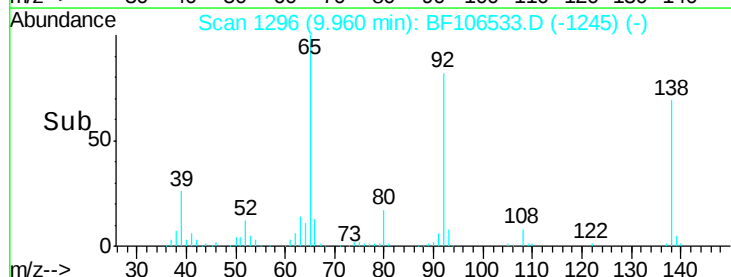
92 119.2 89.4 134.2

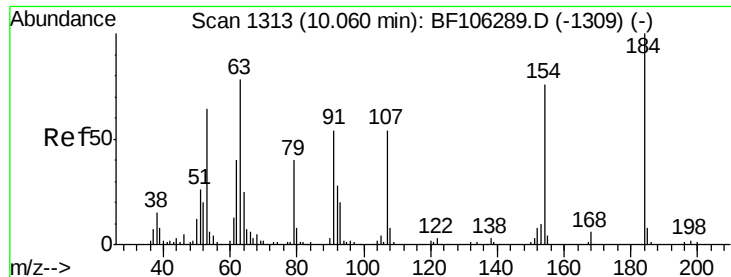


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

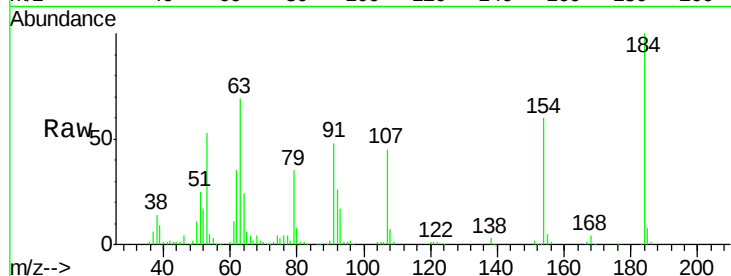




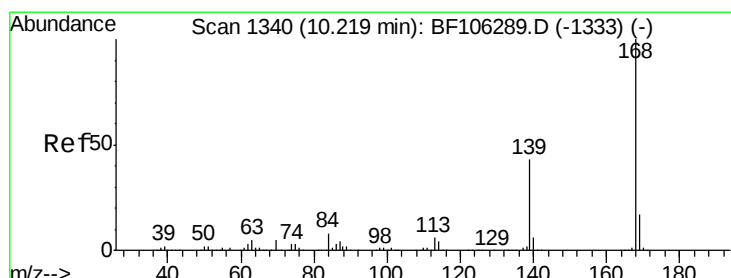
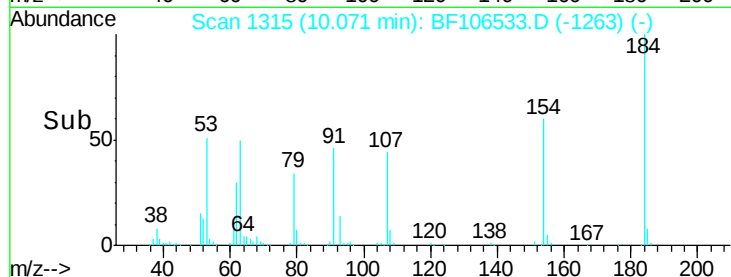
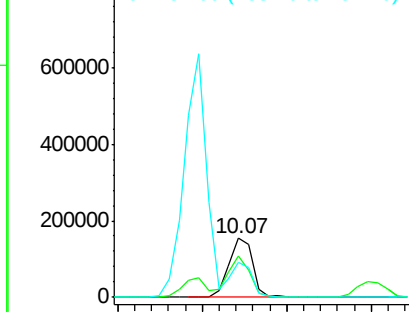
#53
2,4-Dinitrophenol
Concen: 100.139 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

Tgt Ion:184 Resp: 154784
Ion Ratio Lower Upper
184 100
63 68.9 54.2 81.2
154 59.9 184.0 276.0#

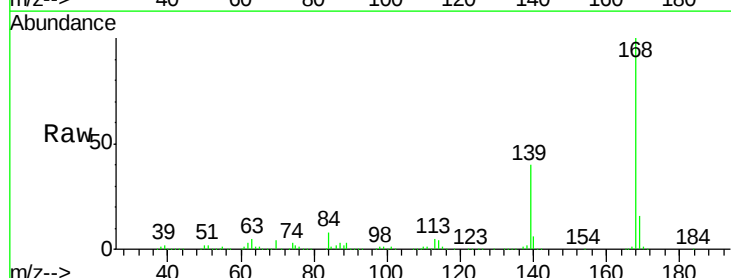


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

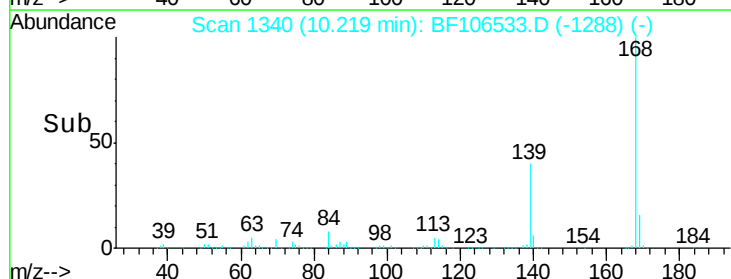
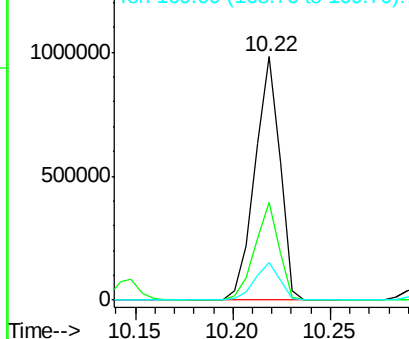


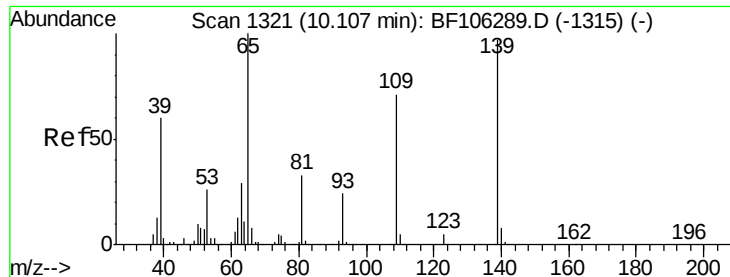
#54
Dibenzofuran
Concen: 46.819 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:168 Resp: 870009
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 15.6 10.9 16.3



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

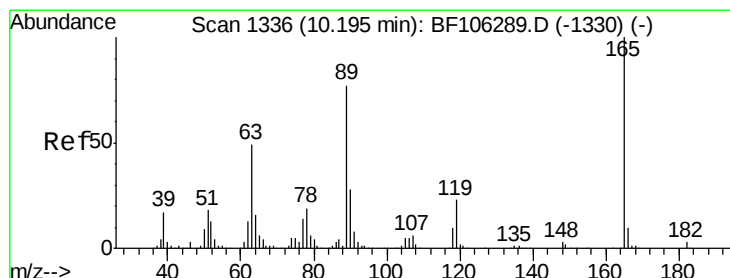
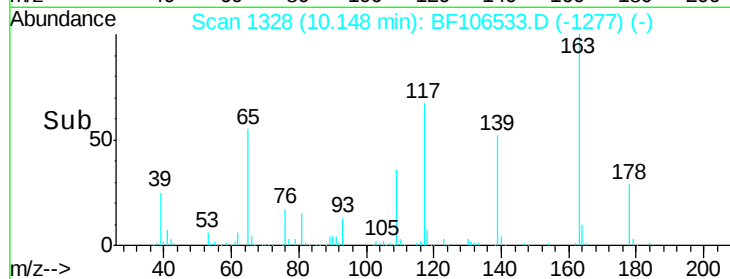
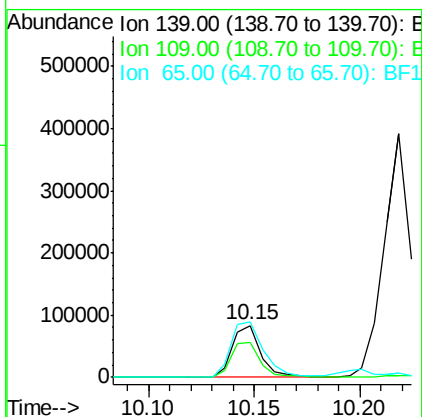
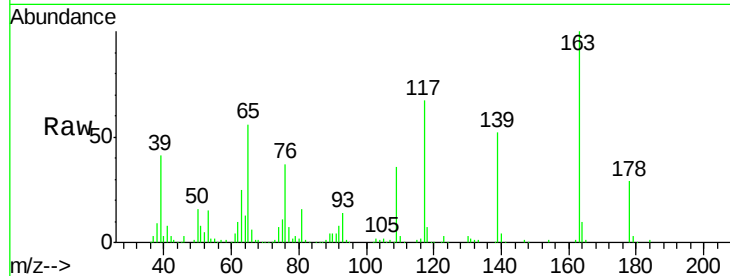




#55
4-Nitrophenol
Concen: 25.599 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

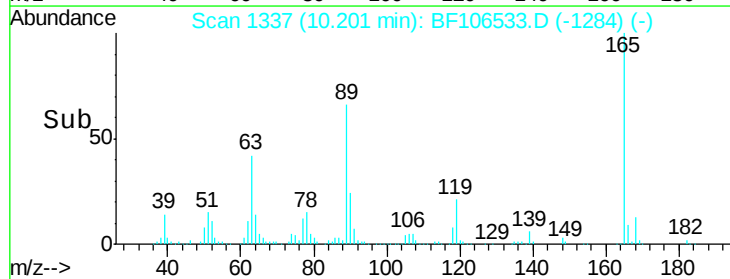
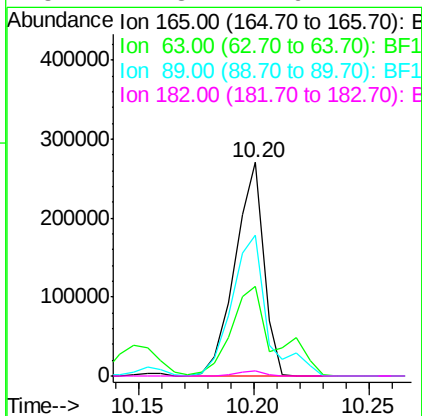
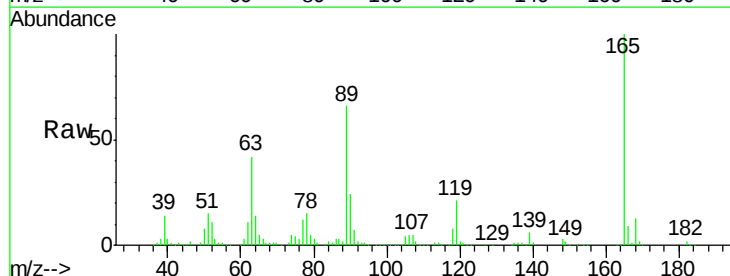
Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

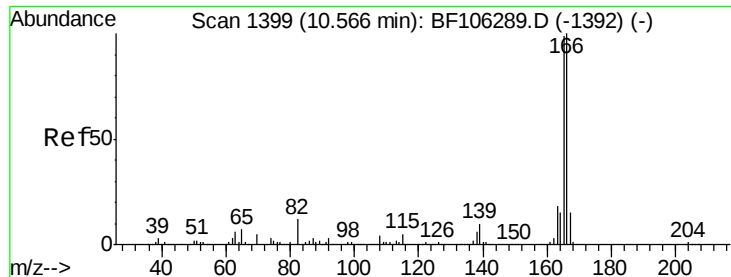
Tgt Ion:139 Resp: 76546
Ion Ratio Lower Upper
139 100
109 68.4 48.4 88.4
65 107.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 57.001 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:165 Resp: 235270
Ion Ratio Lower Upper
165 100
63 42.0 36.4 54.6
89 65.8 57.8 86.6
182 2.3 1.6 2.4

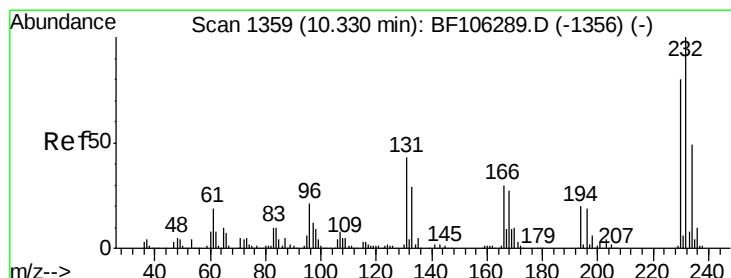
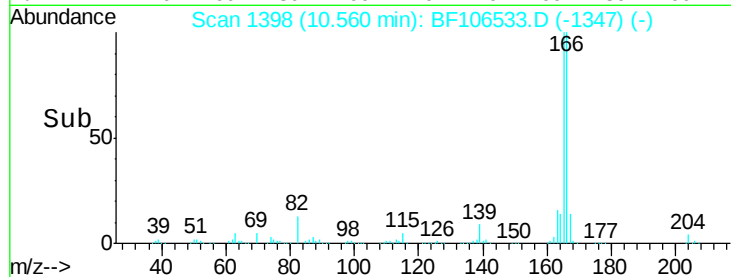
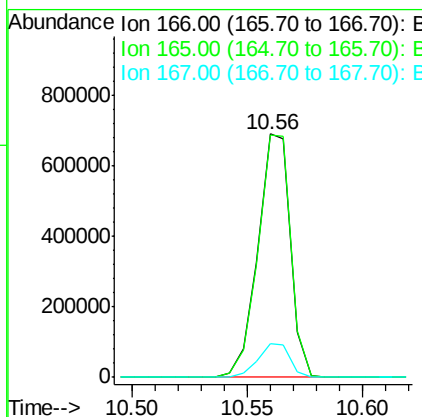
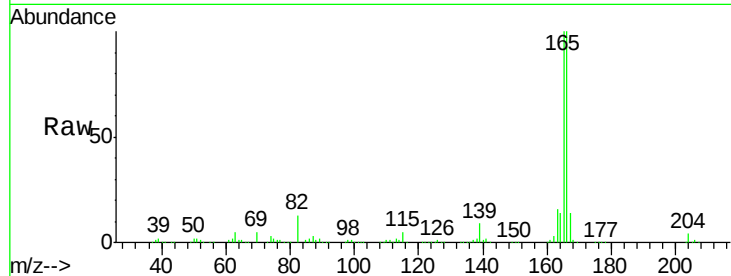




#57
Fluorene
 Concen: 46.018 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

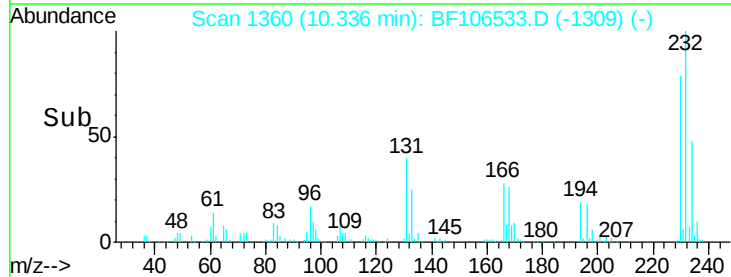
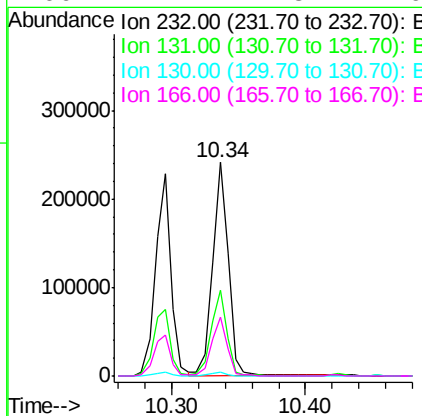
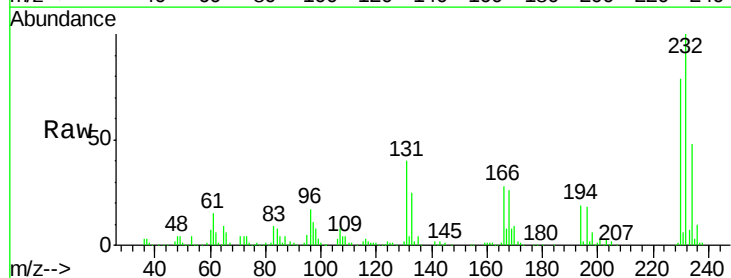
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

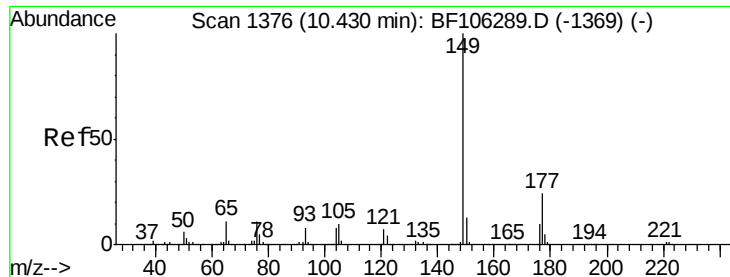
Tgt Ion:166 Resp: 677514
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.329 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion:232 Resp: 200368
 Ion Ratio Lower Upper
 232 100
 131 40.2 43.8 65.8#
 130 2.1 2.1 3.1#
 166 27.7 27.8 41.6#

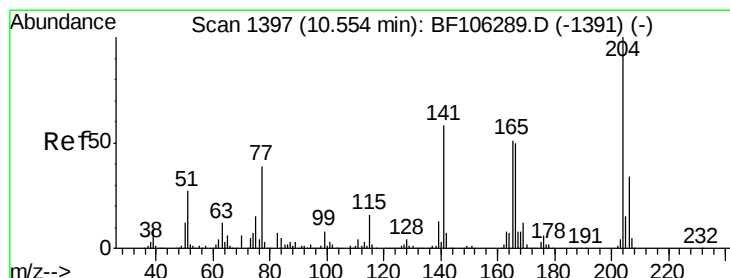
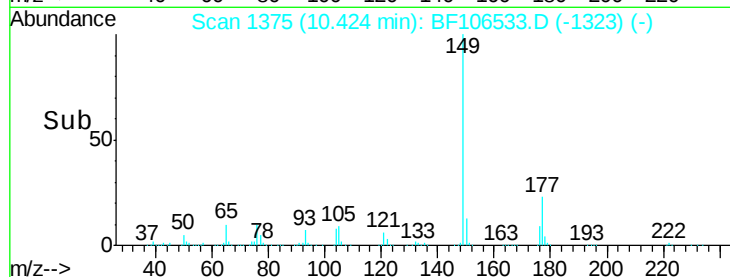
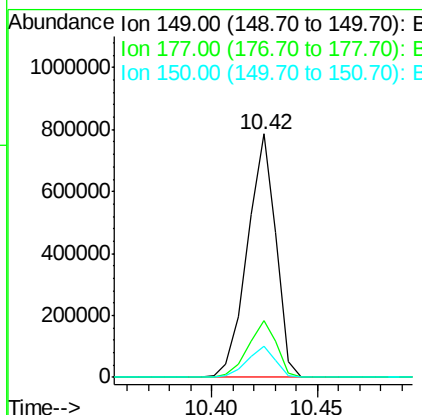
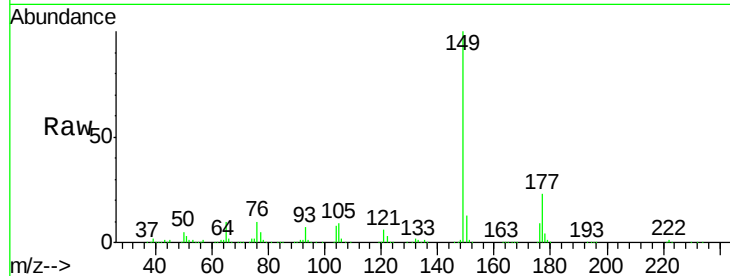




#59
Diethylphthalate
Concen: 45.968 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

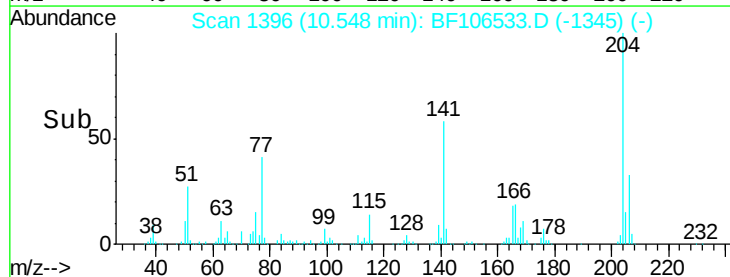
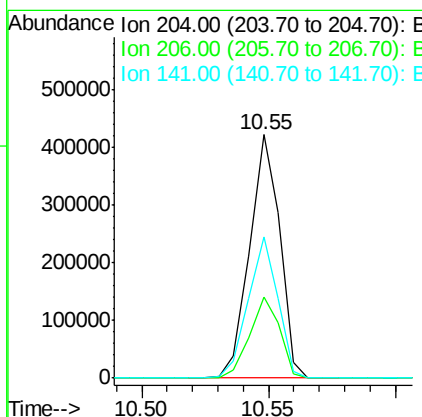
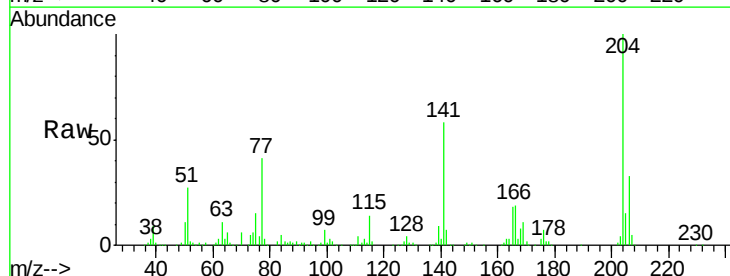
Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

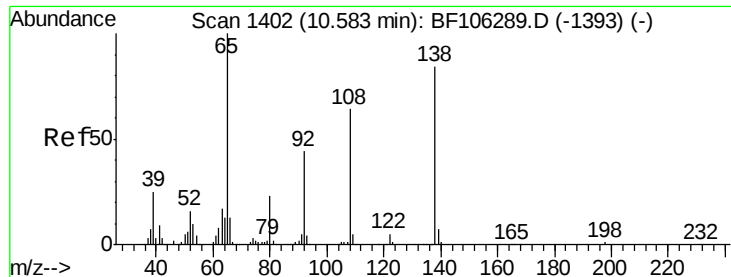
Tgt Ion:149 Resp: 734157
Ion Ratio Lower Upper
149 100
177 23.3 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.178 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:204 Resp: 349841
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 58.0 54.6 81.8

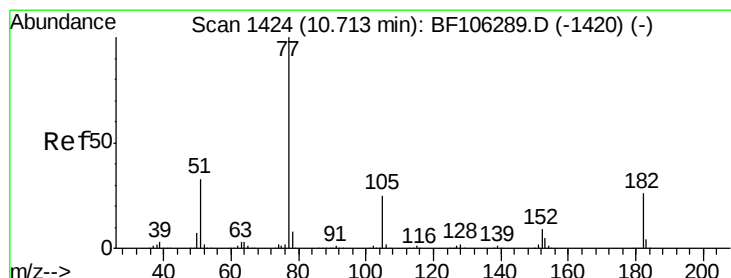
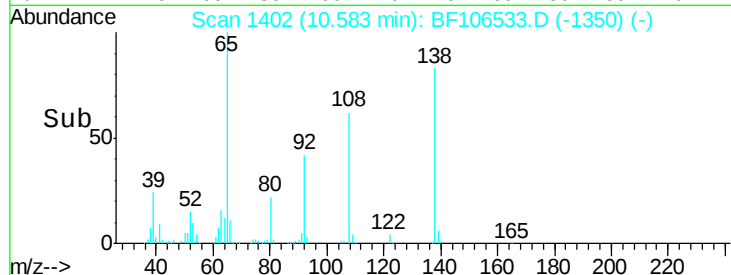
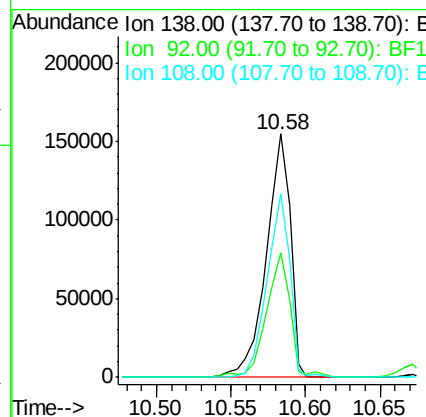
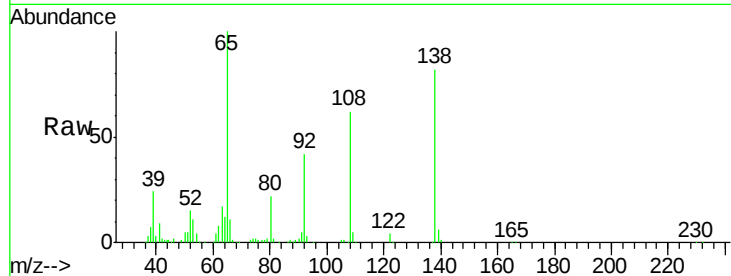




#61
4-Nitroaniline
Concen: 45.239 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

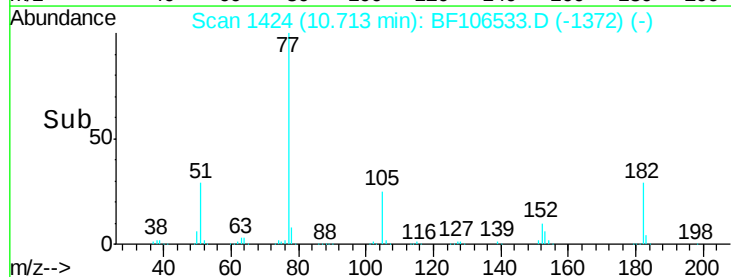
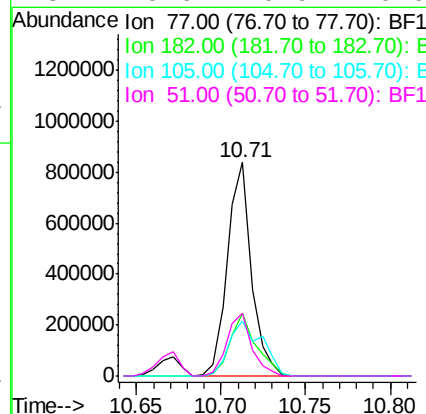
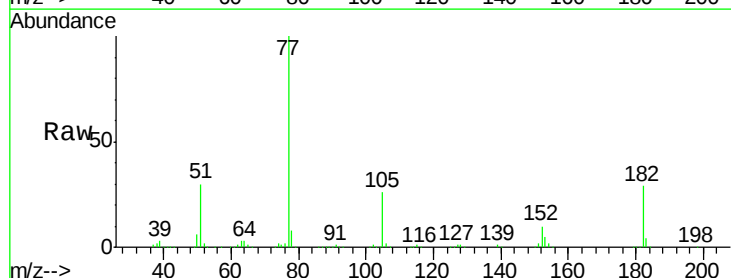
Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

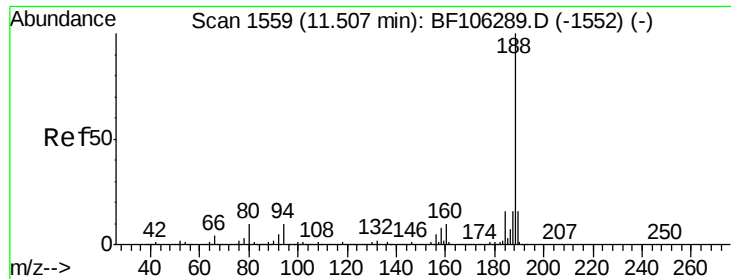
Tgt Ion: 138 Resp: 171706
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 75.3 52.5 92.5



#62
Azobenzene
Concen: 49.687 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 77 Resp: 827459
Ion Ratio Lower Upper
77 100
182 29.1 1.7 41.7
105 25.9 3.0 43.0
51 29.6 9.9 49.9

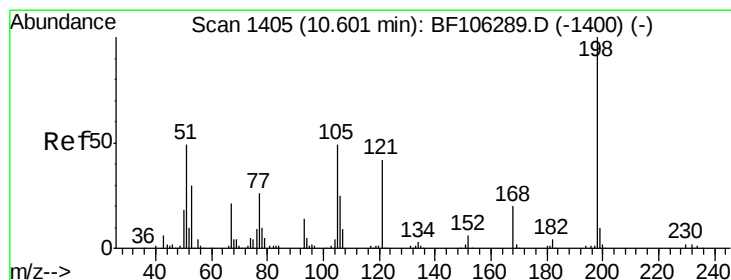
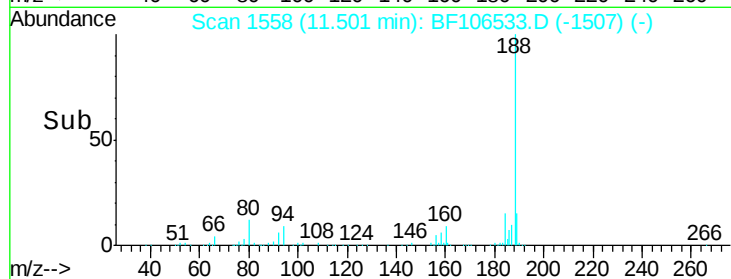
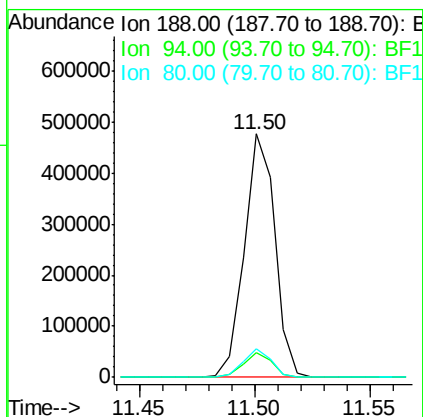
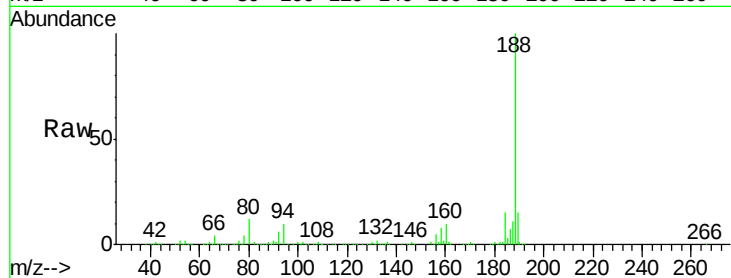




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

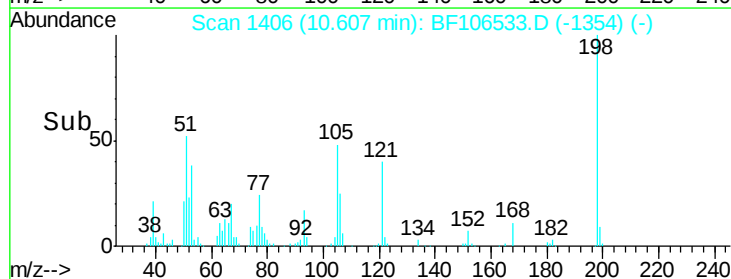
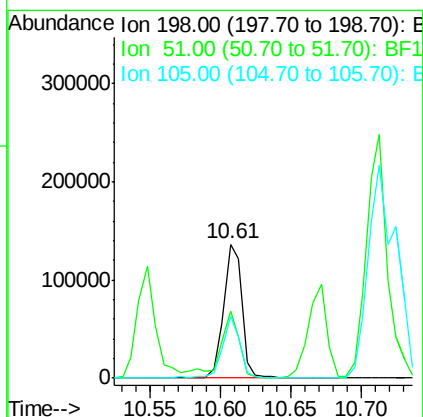
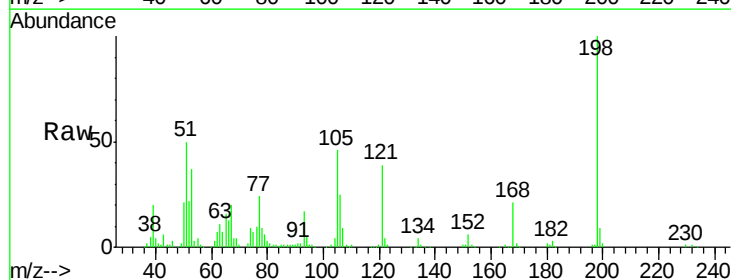
Instrument :
BNA_F
ClientSampleId :
MWHHR2-6-061318MSD

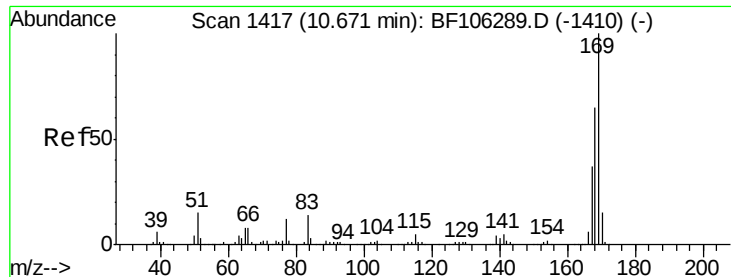
Tgt Ion:188 Resp: 440078
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.314 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:198 Resp: 123007
Ion Ratio Lower Upper
198 100
51 50.3 37.7 77.7
105 46.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.741 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

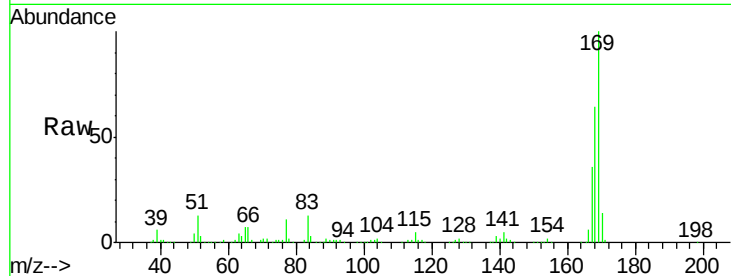
Tgt Ion:169 Resp: 646947

Ion Ratio Lower Upper

169 100

168 64.0 54.4 81.6

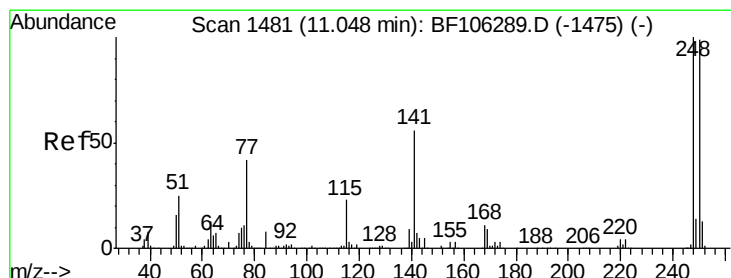
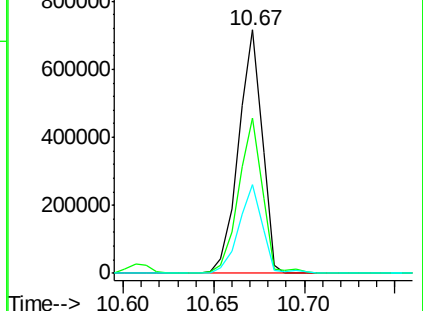
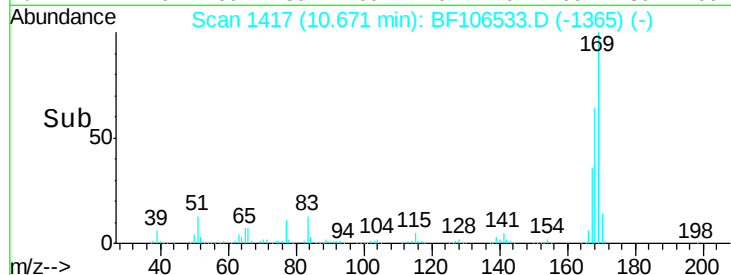
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.238 ng

RT: 11.04 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

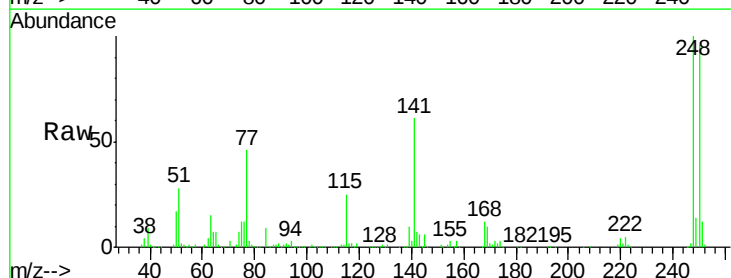
Tgt Ion:248 Resp: 246455

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

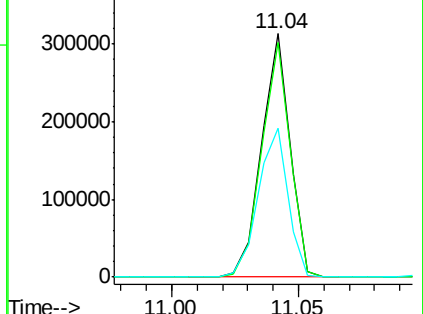
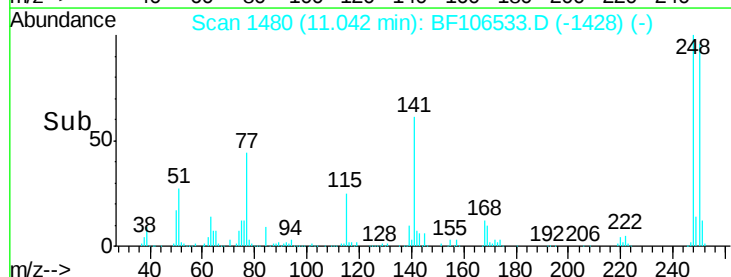
141 61.2 74.4 111.6#

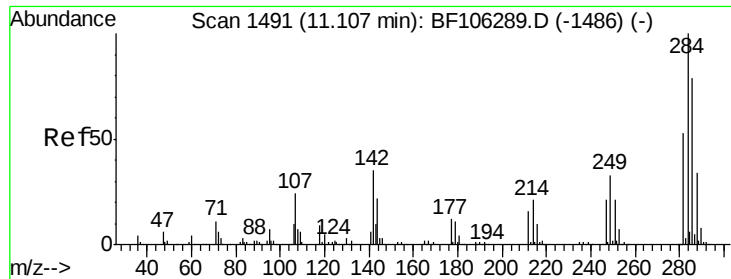


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

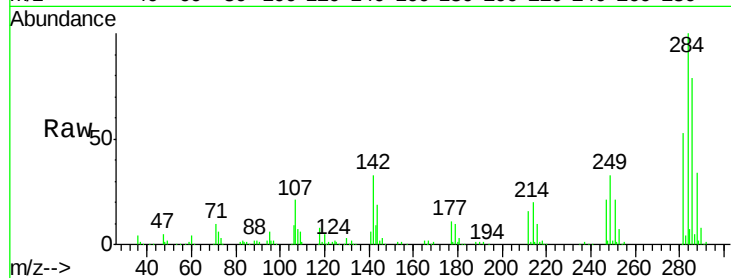




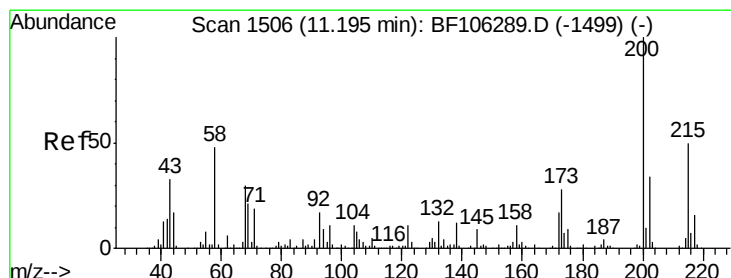
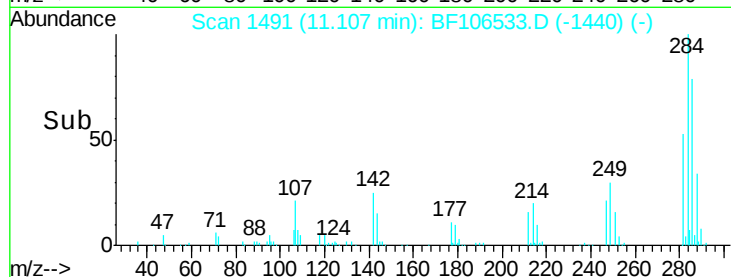
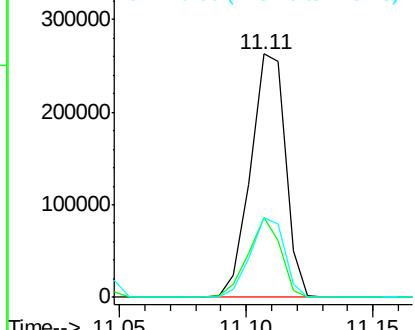
#67
Hexachlorobenzene
Concen: 49.038 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

Tgt Ion: 284 Resp: 253052
Ion Ratio Lower Upper
284 100
142 32.6 34.6 52.0#
249 32.7 24.8 37.2

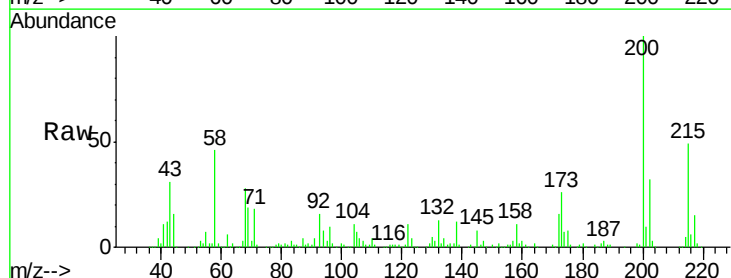


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

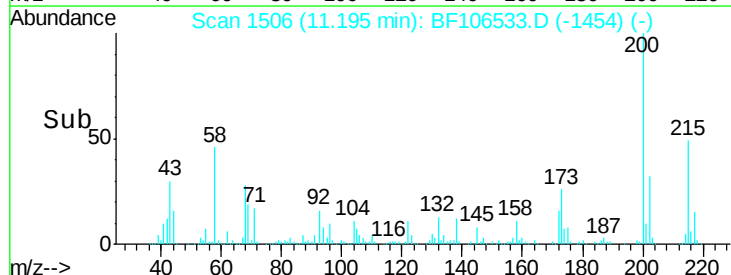
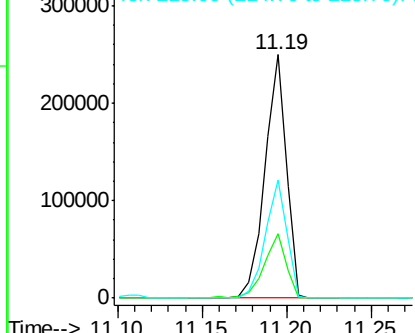


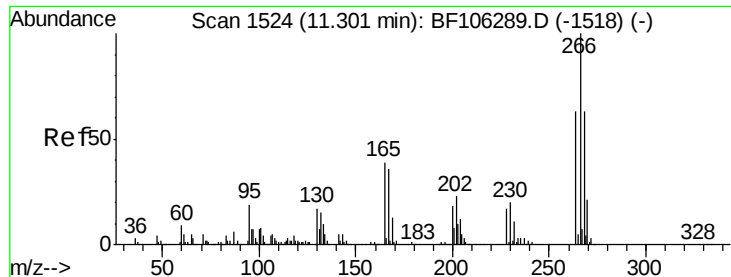
#68
Atrazine
Concen: 48.152 ng
RT: 11.19 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 200 Resp: 219475
Ion Ratio Lower Upper
200 100
173 26.5 8.6 48.6
215 48.8 25.1 65.1



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

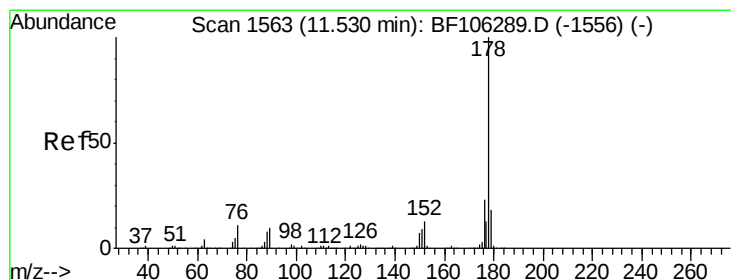
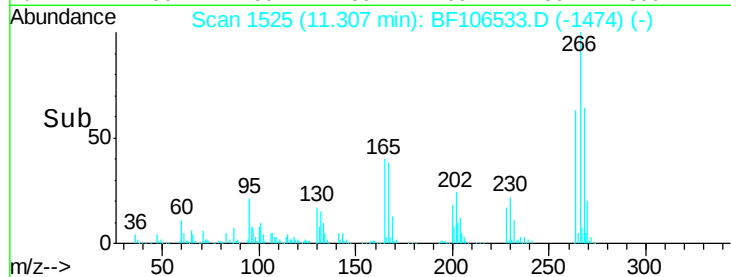
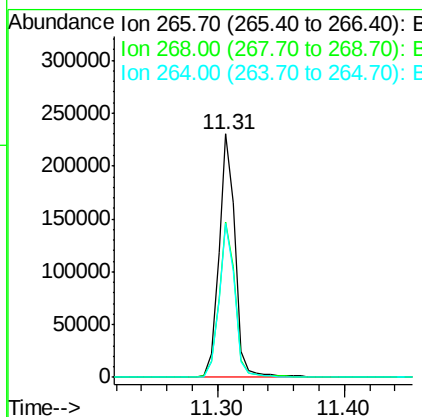
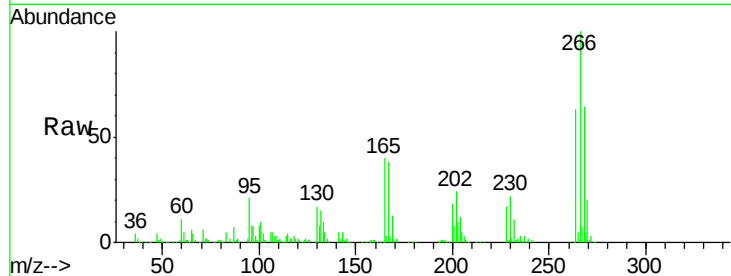




#69
 Pentachlorophenol
 Concen: 65.094 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

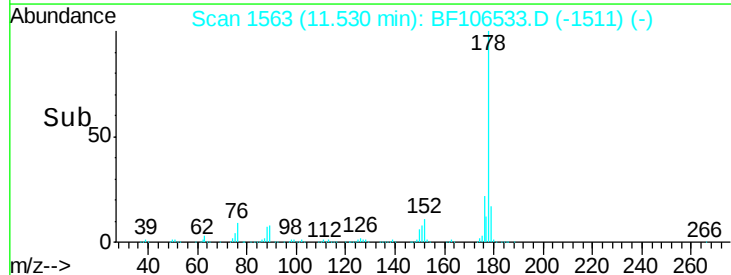
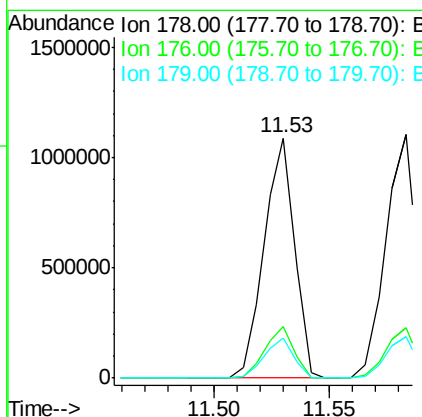
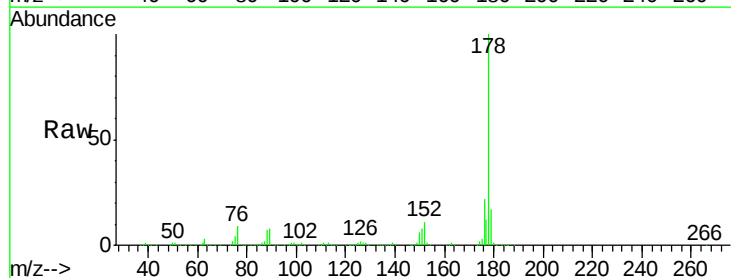
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

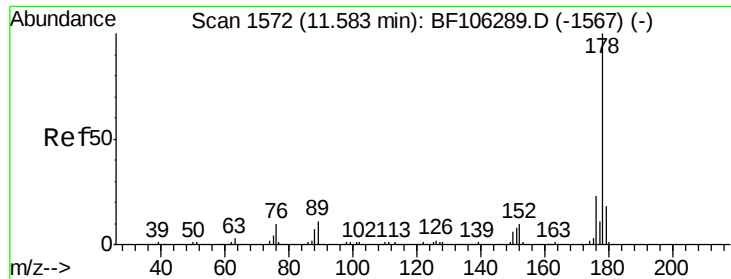
Tgt Ion: 266 Resp: 206805
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 46.219 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion: 178 Resp: 996117
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.8 23.8
 179 16.6 13.0 19.6

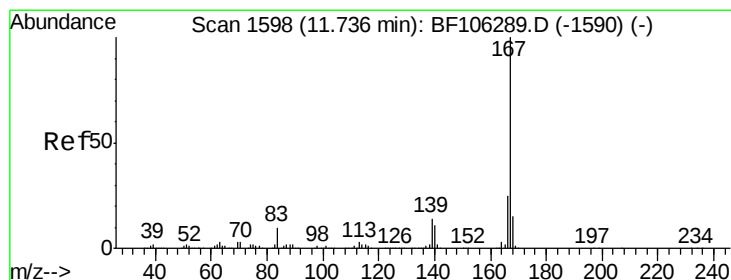
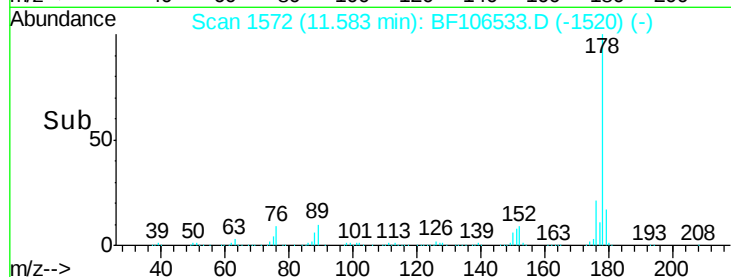
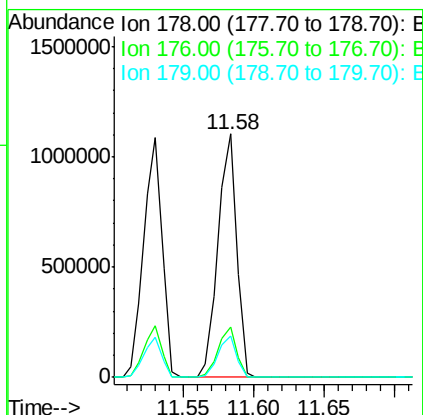
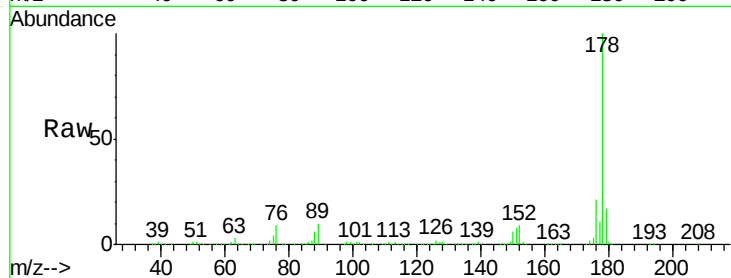




#71
 Anthracene
 Concen: 47.312 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

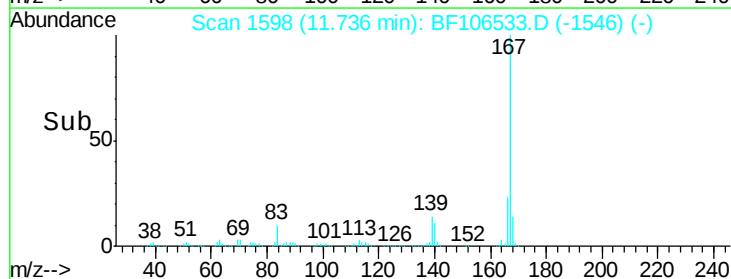
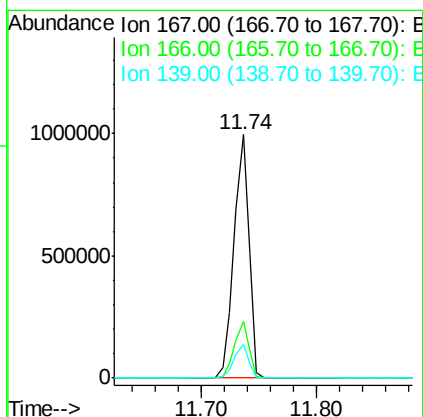
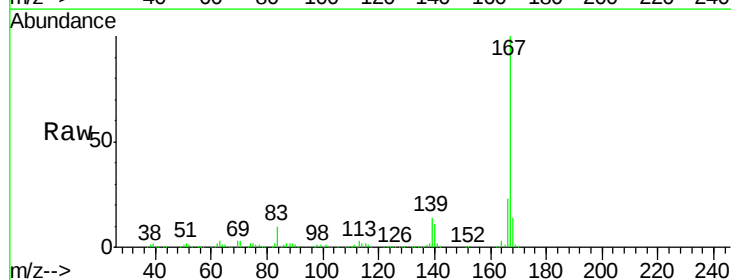
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

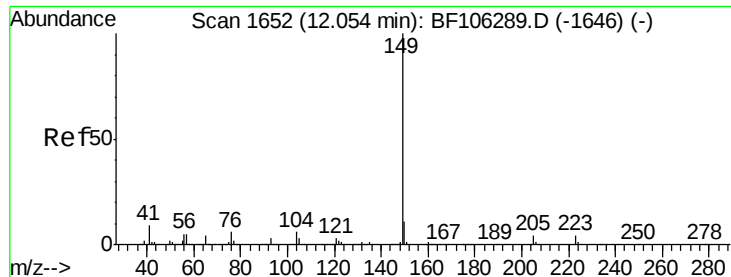
Tgt Ion:178 Resp: 1021527
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 45.065 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion:167 Resp: 898298
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.881 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

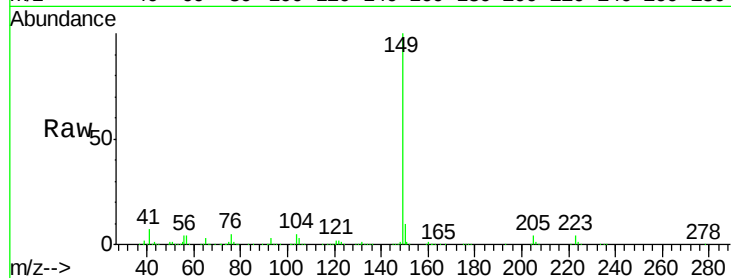
Tgt Ion:149 Resp: 1084437

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

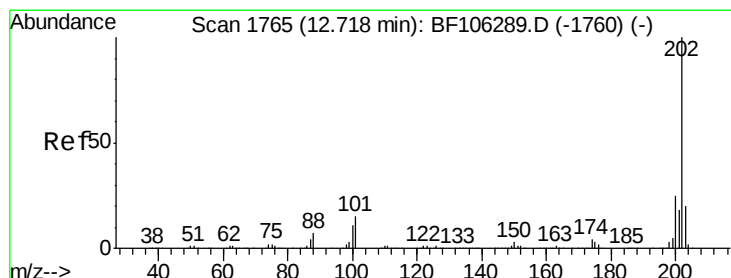
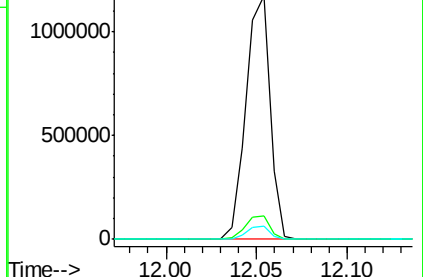
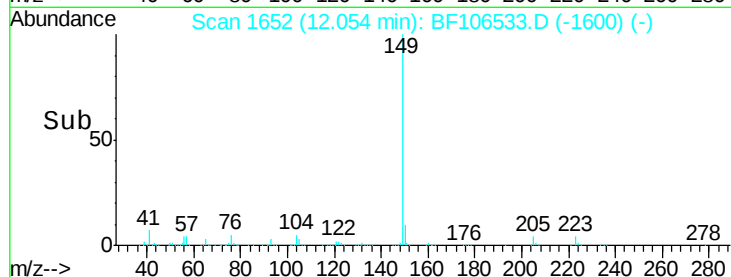
104 5.3 3.8 5.8



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: 45.844 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

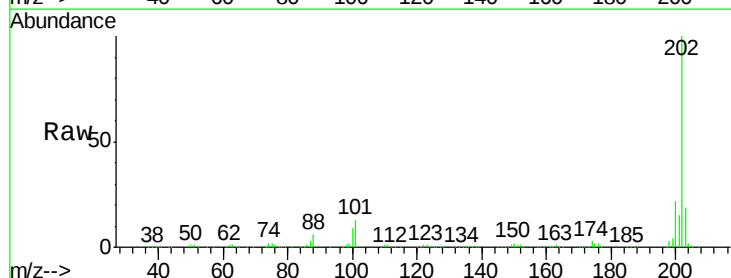
Tgt Ion:202 Resp: 1053707

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

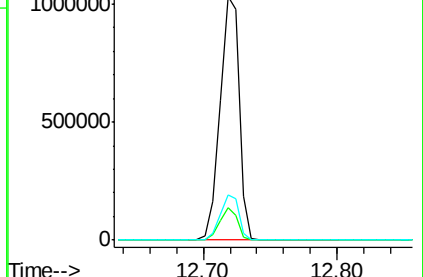
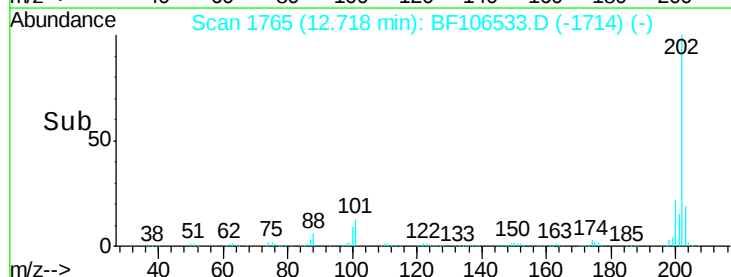
203 18.6 0.0 38.1

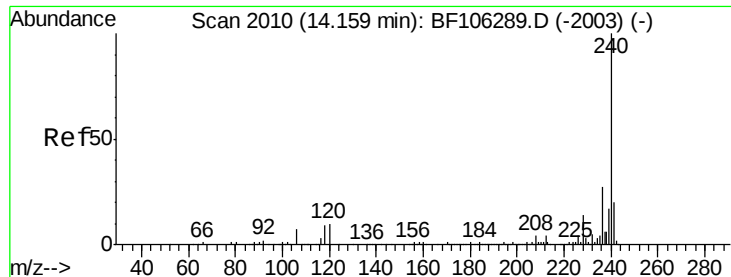


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

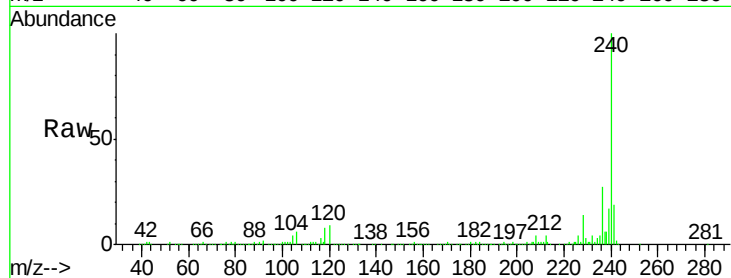
Tgt Ion:240 Resp: 289316

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

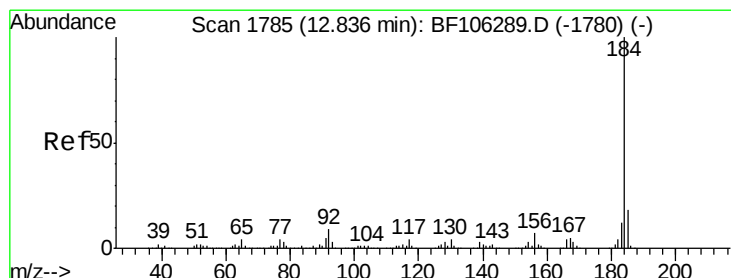
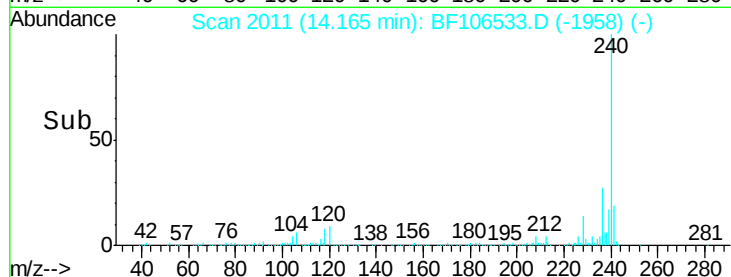
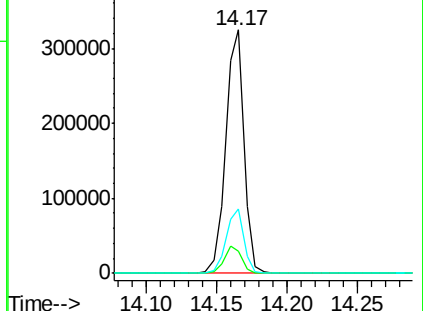
236 26.6 20.7 31.1



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: 32.388 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

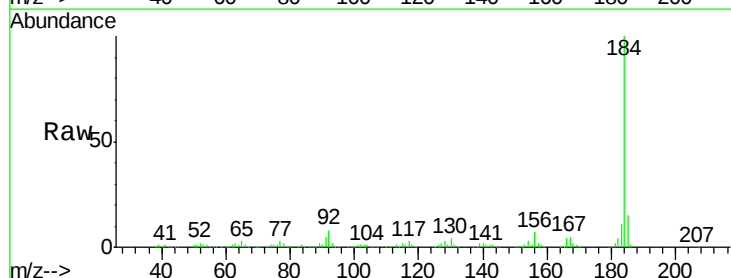
Tgt Ion:184 Resp: 311860

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

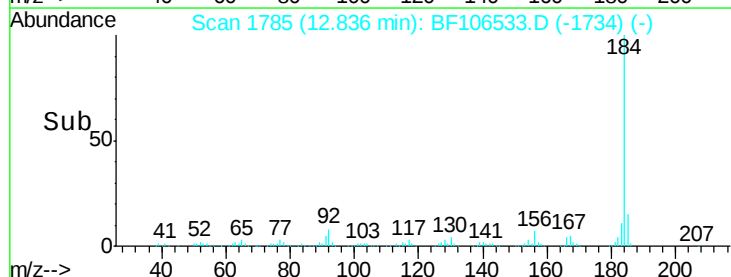
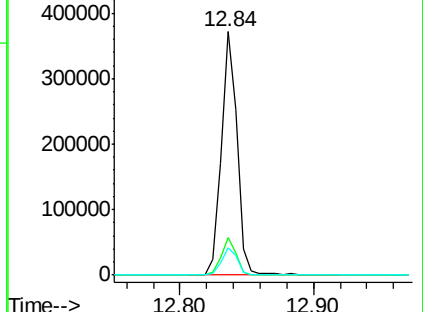
183 11.3 9.3 13.9

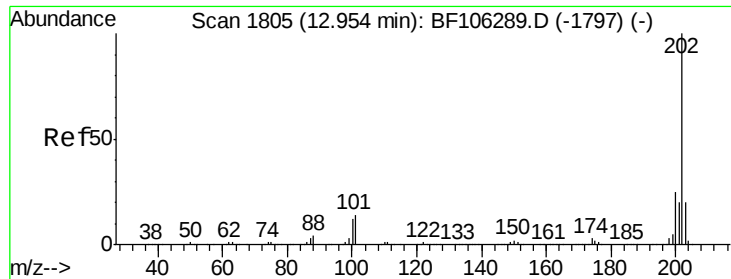


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

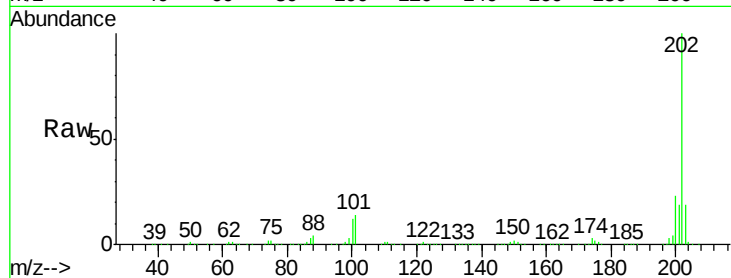




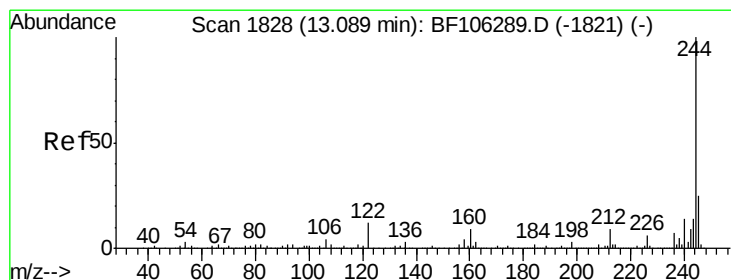
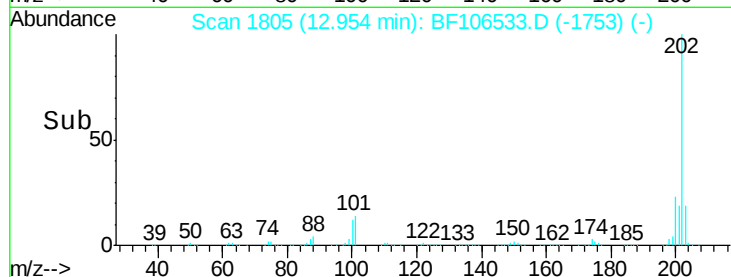
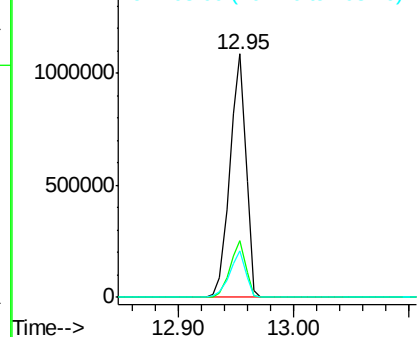
#77
Pyrene
Concen: 57.674 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

Tgt Ion:202 Resp: 1044647
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 18.8 14.3 21.5

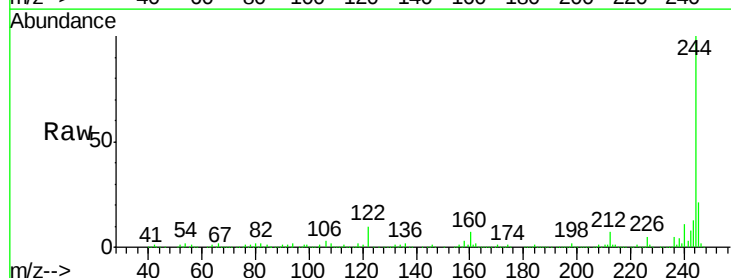


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

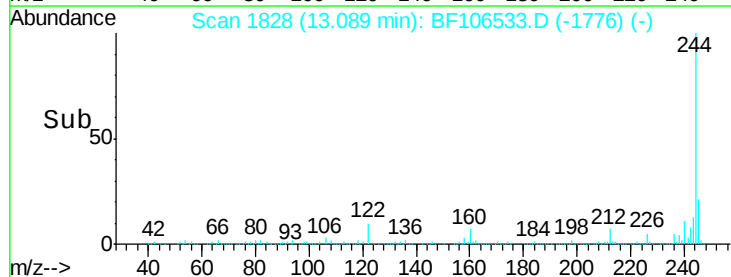
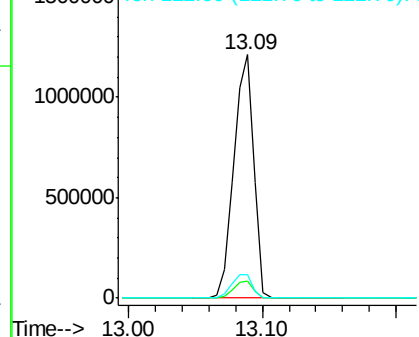


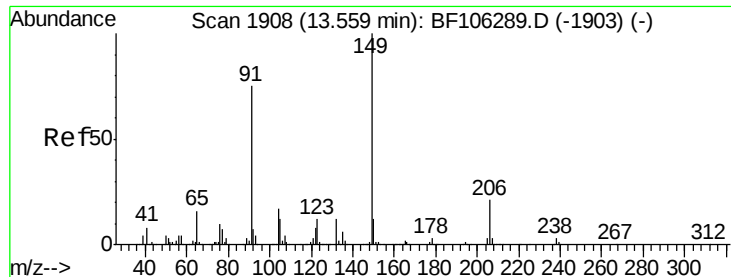
#78
Terphenyl-d14
Concen: 109.179 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion:244 Resp: 1271740
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 9.8 11.0 16.4#



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





#79

Butylbenzylphthalate

Concen: 61.171 ng

RT: 13.56 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

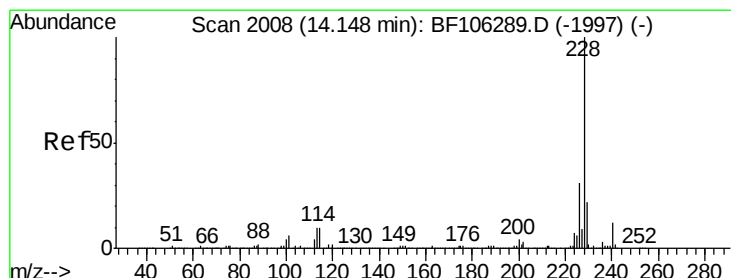
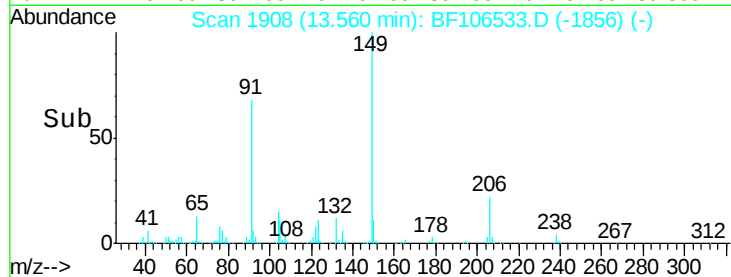
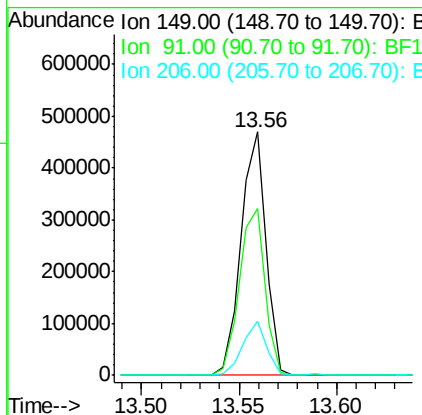
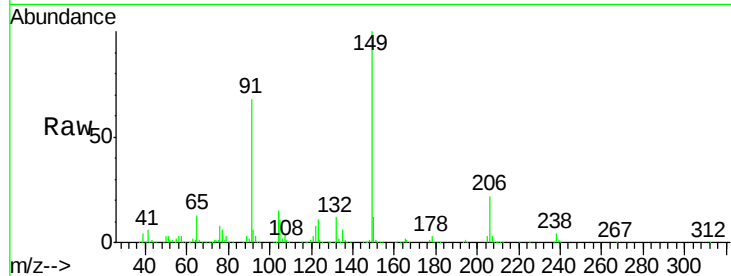
Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

Tgt Ion:	149	Resp:	414747
Ion Ratio	Lower	Upper	
149	100		
91	68.3	56.8	85.2
206	22.3	14.1	21.1#



#80

Benzo(a)anthracene

Concen: 48.893 ng

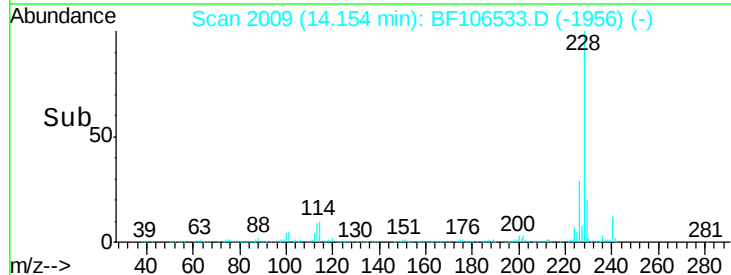
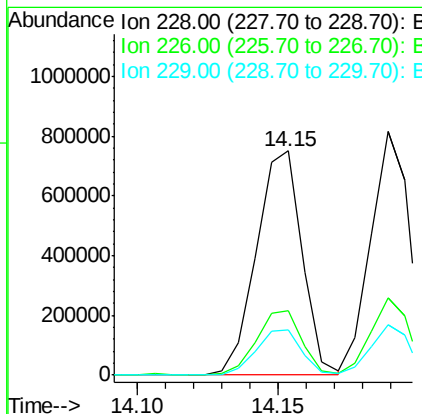
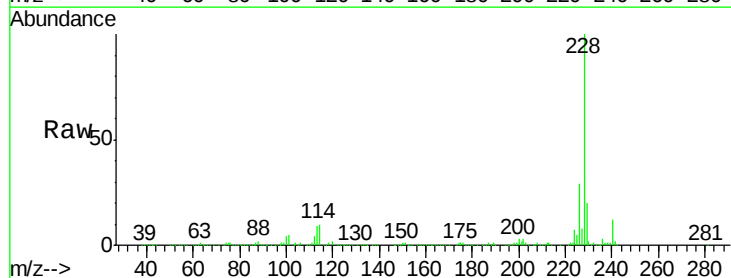
RT: 14.15 min Scan# 2009

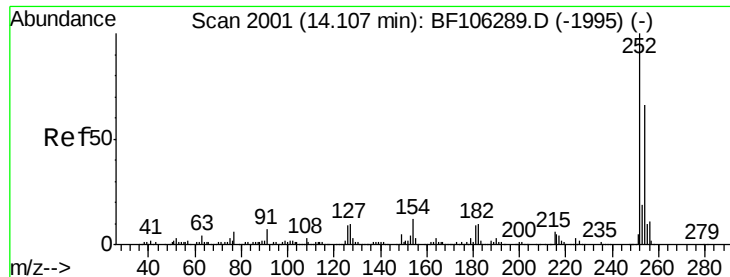
Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Tgt Ion:	228	Resp:	841784
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	33.8
229	20.2	15.8	23.6

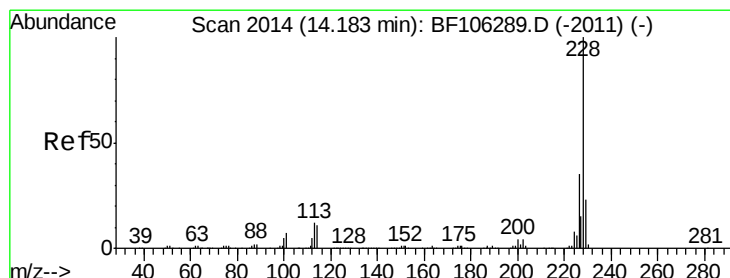
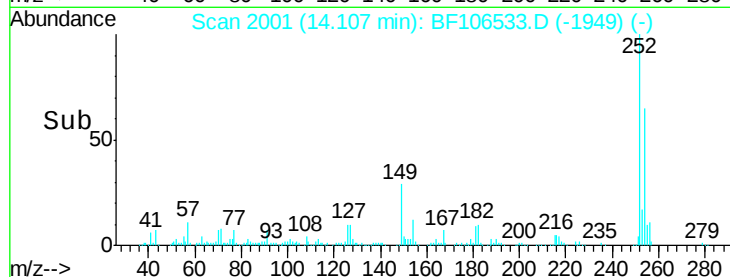
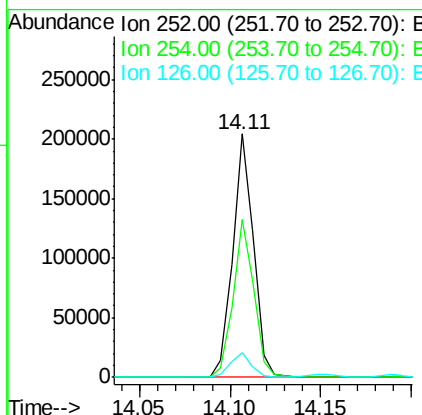
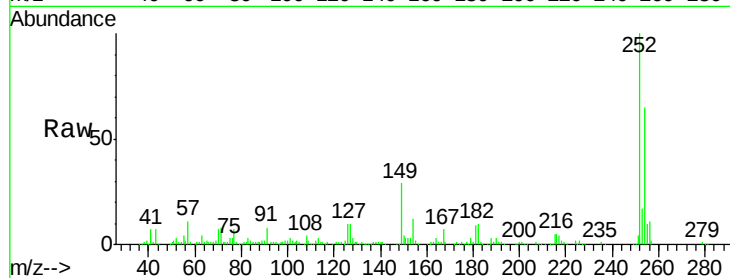




#81
 3,3'-Dichlorobenzidine
 Concen: 28.081 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

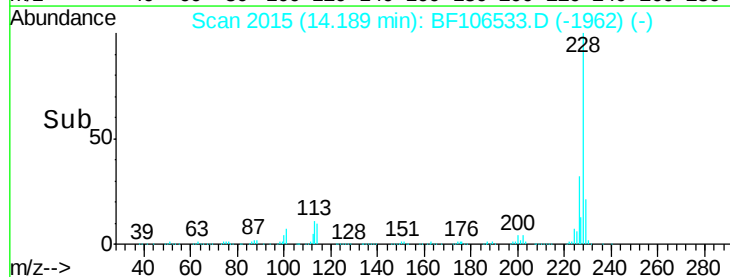
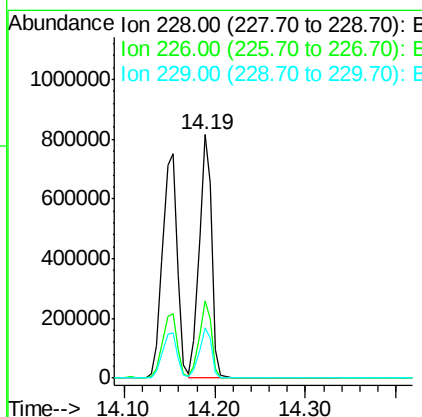
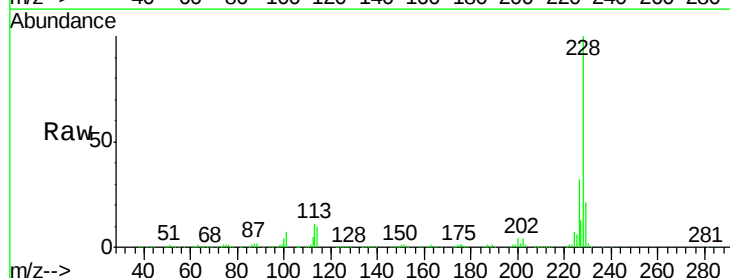
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

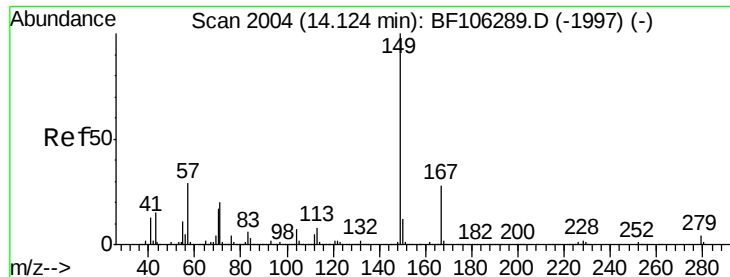
Tgt Ion:252 Resp: 163124
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 10.3 11.3 16.9#



#82
 Chrysene
 Concen: 49.091 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion:228 Resp: 771674
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.468 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

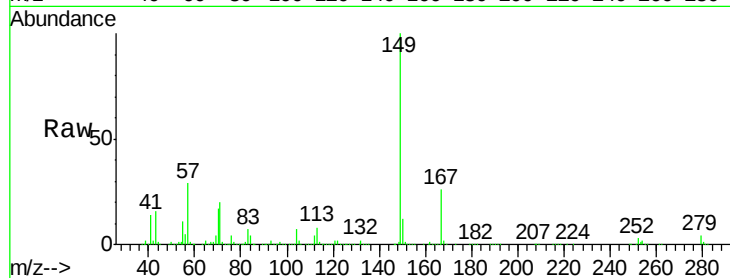
Tgt Ion:149 Resp: 510064

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

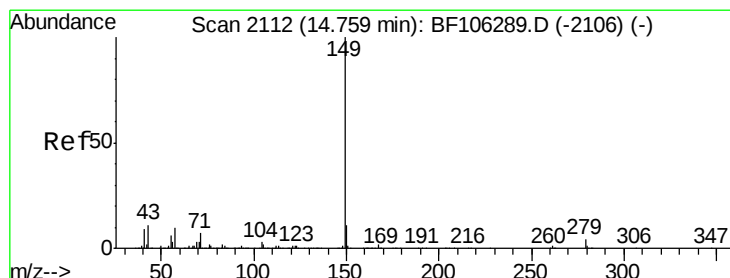
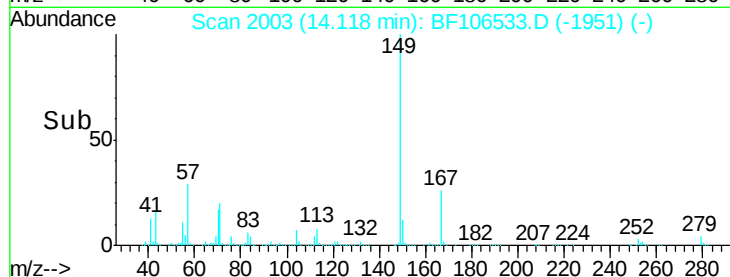
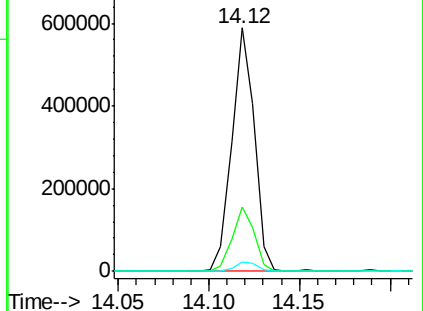
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.793 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.02 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

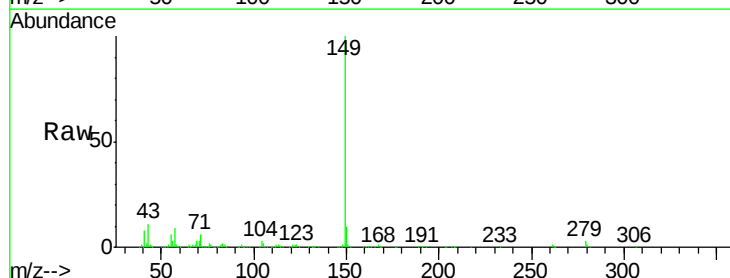
Tgt Ion:149 Resp: 697855

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

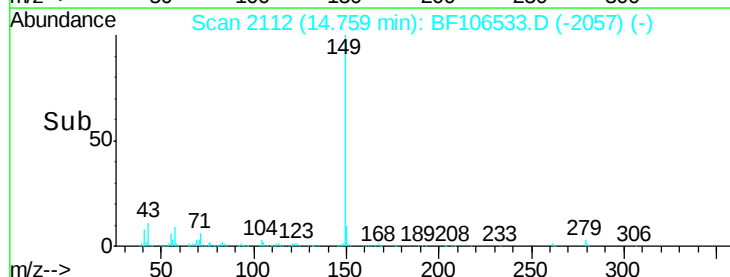
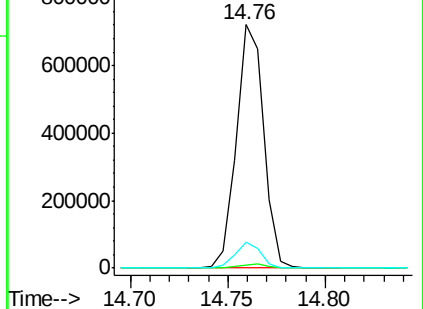
43 9.9 8.4 12.6

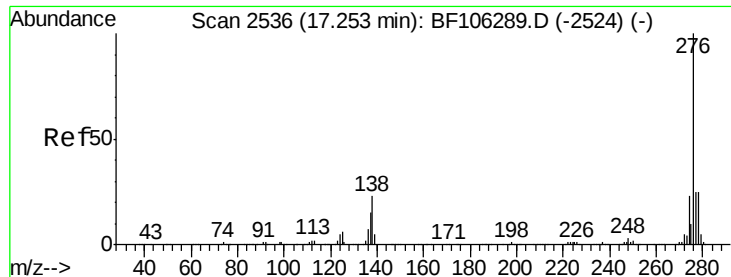


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

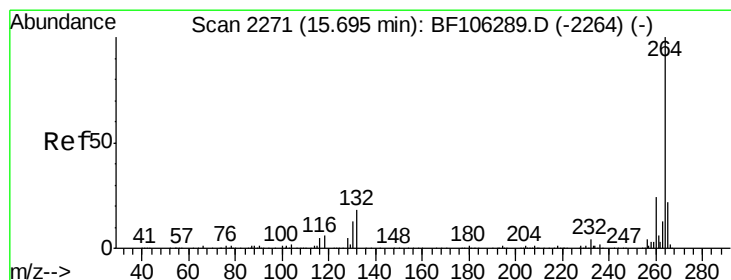
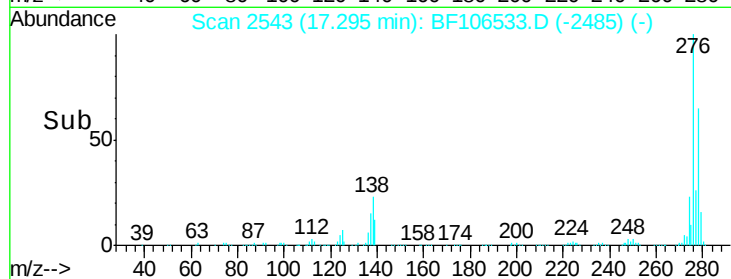
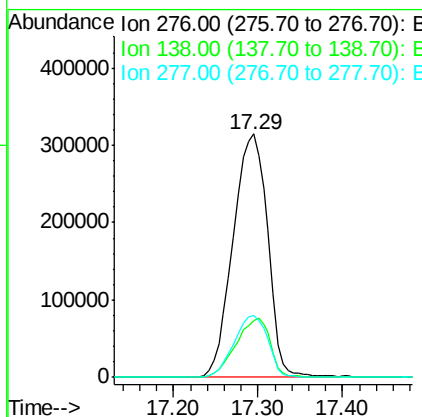
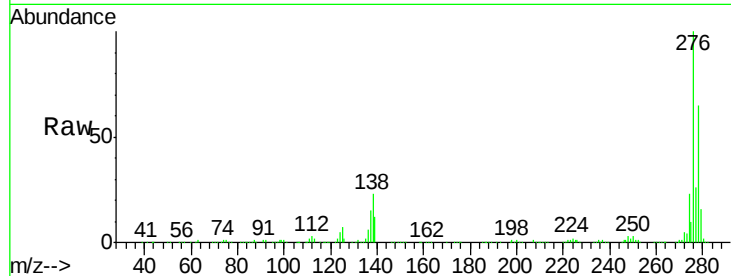




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.494 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. 0.04 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

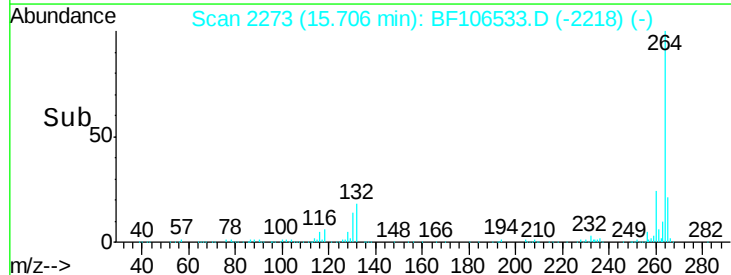
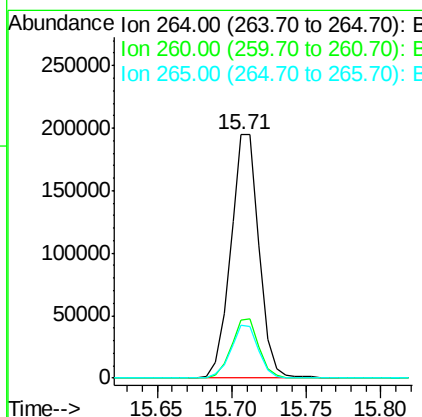
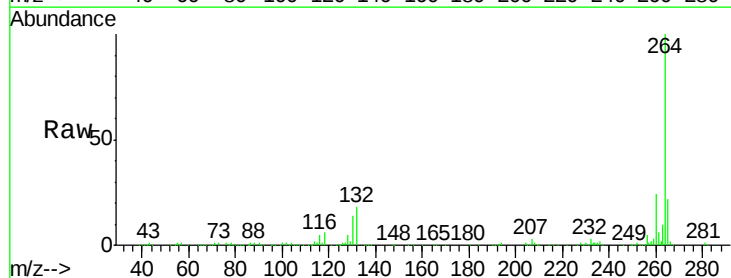
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-6-061318MSD

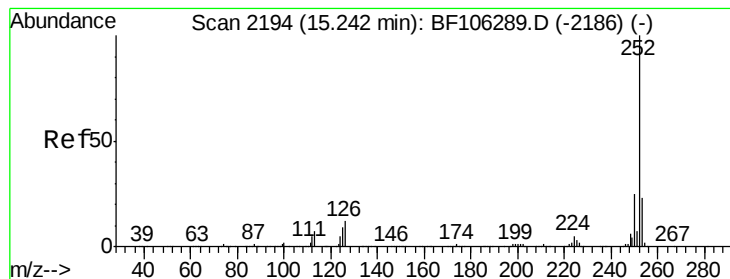
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106533.D
 Acq: 18 Jun 2018 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.876 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.02 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD

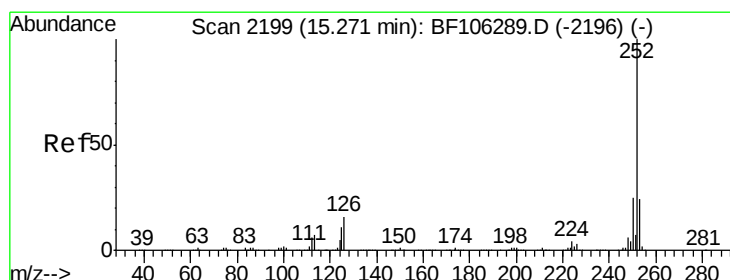
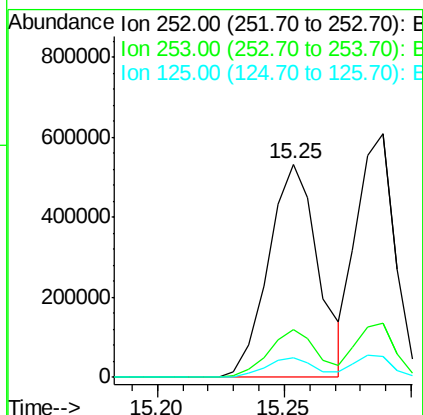
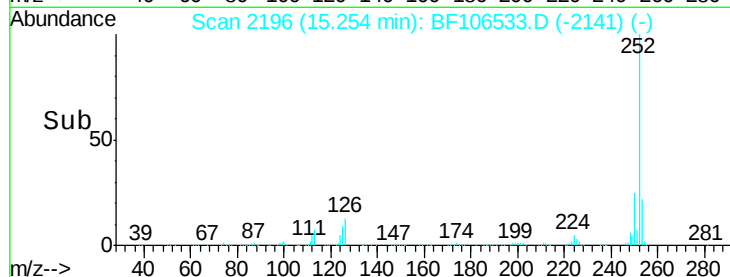
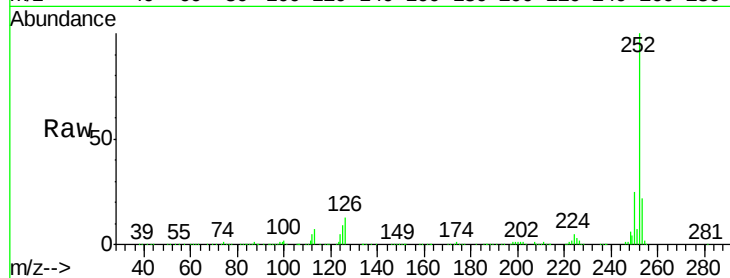
Tgt Ion:252 Resp: 732508

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 9.4 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 41.860 ng

RT: 15.29 min Scan# 2202

Delta R.T. 0.03 min

Lab File: BF106533.D

Acq: 18 Jun 2018 12:52

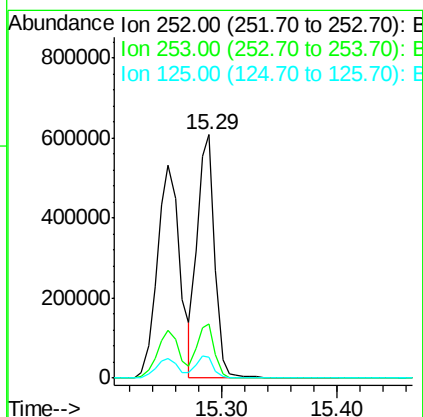
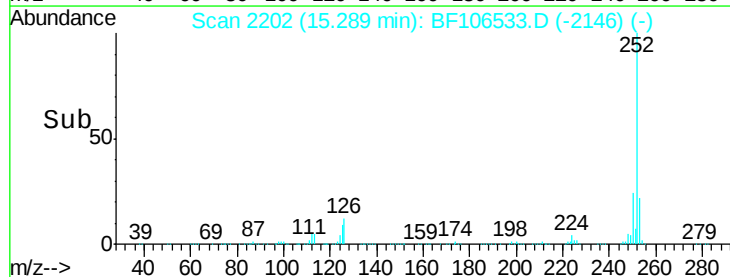
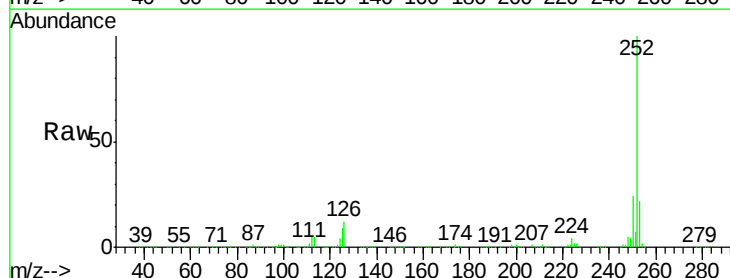
Tgt Ion:252 Resp: 647832

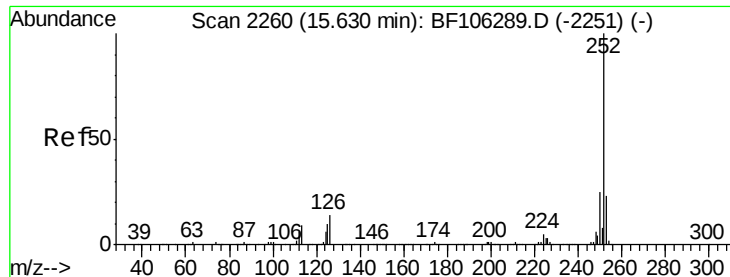
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.5 10.2 15.2#

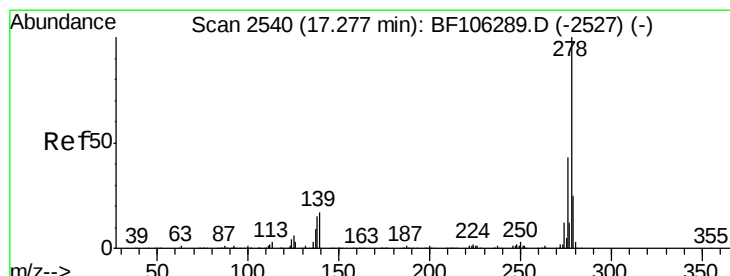
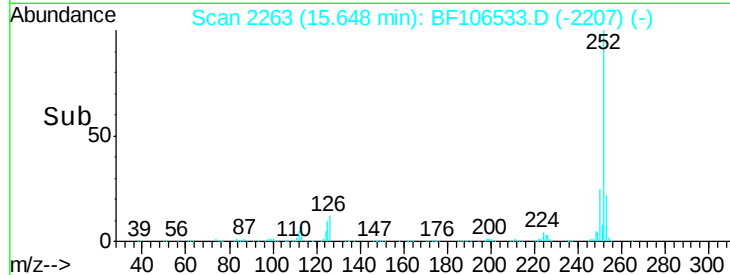
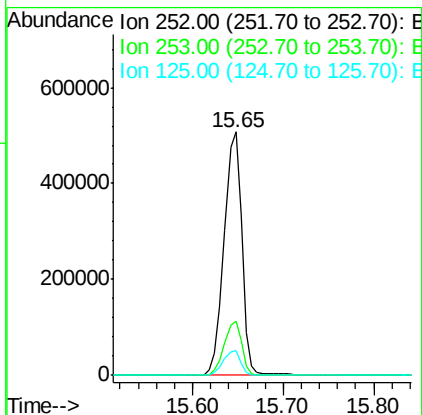
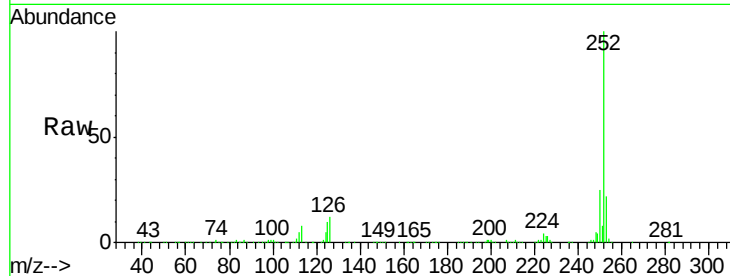




#89
Benzo(a)pyrene
Concen: 49.369 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.03 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

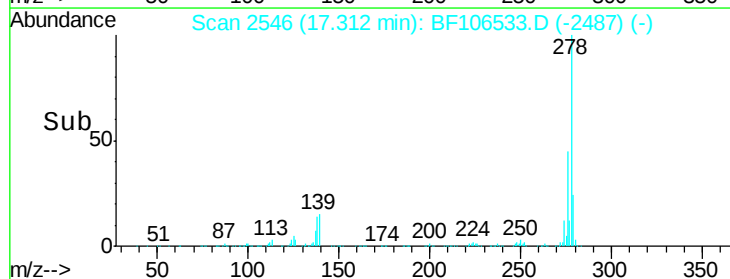
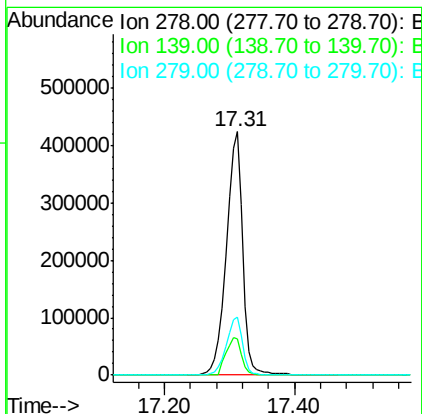
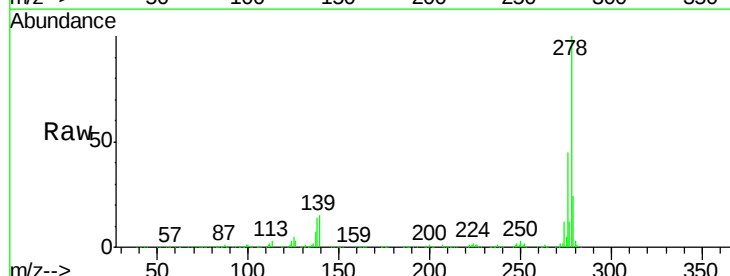
Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MSD

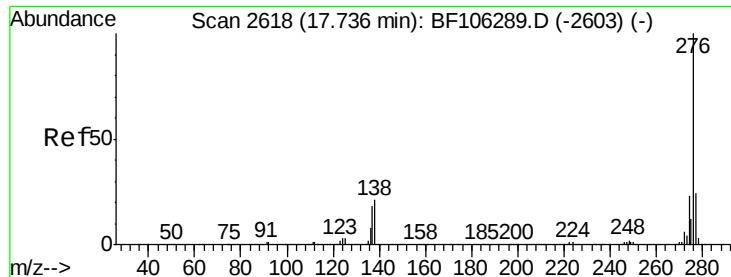
Tgt Ion: 252 Resp: 693912
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 63.014 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.05 min
Lab File: BF106533.D
Acq: 18 Jun 2018 12:52

Tgt Ion: 278 Resp: 738404
Ion Ratio Lower Upper
278 100
139 14.6 15.9 23.9#
279 24.0 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 69.877 ng

RT: 17.78 min Scan# 2625

Delta R.T. 0.05 min

Lab File: BF106533.D

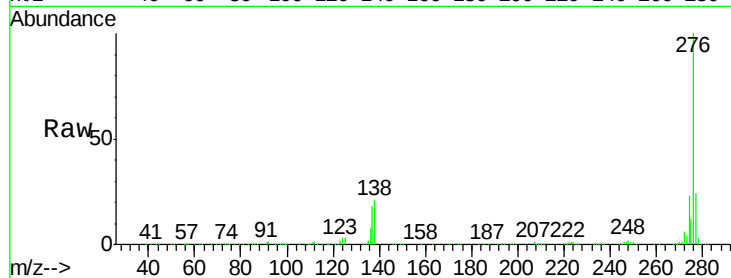
Acq: 18 Jun 2018 12:52

Instrument :

BNA_F

ClientSampleId :

MWHR2-6-061318MSD



Tgt Ion:	276	Resp:	795750
Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	21.2	21.8	32.8#

