

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106537.D
 Acq On : 18 Jun 2018 14:39
 Operator : JU/SJ
 Sample : PB110319BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Quant Time: Jun 19 01:06:46 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	120136	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	476050	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	234429	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	464507	20.00	ng	0.00
75) Chrysene-d12	14.16	240	351433	20.00	ng	0.00
86) Perylene-d12	15.70	264	266831	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	789786	111.27	ng	0.00
7) Phenol-d6	6.61	99	998565	111.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	694096	85.77	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	321119	142.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1209881	95.10	ng	0.00
78) Terphenyl-d14	13.09	244	1359960	96.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	116593	31.739	ng	95
3) Pyridine	3.66	79	355843	34.760	ng	98
4) n-Nitrosodimethylamine	3.63	42	156558	33.383	ng	92
6) Aniline	6.63	93	248957	19.011	ng	# 31
8) 2-Chlorophenol	6.76	128	303113	39.710	ng	96
9) Benzaldehyde	6.52	77	187888	27.622	ng	98
10) Phenol	6.62	94	384024	39.226	ng	85
11) bis(2-Chloroethyl)ether	6.70	93	310169	37.009	ng	97
12) 1,3-Dichlorobenzene	6.91	146	344274	38.321	ng	98
13) 1,4-Dichlorobenzene	6.98	146	346395	37.996	ng	99
14) 1,2-Dichlorobenzene	7.14	146	323927	37.744	ng	99
15) Benzyl Alcohol	7.11	79	288113	37.515	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	477792	39.770	ng	83
17) 2-Methylphenol	7.22	107	266400	39.117	ng	# 92
18) Hexachloroethane	7.48	117	123109	37.898	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	217121	32.271	ng	96
20) 3+4-Methylphenols	7.38	107	320460	36.795	ng	# 74
22) Acetophenone	7.37	105	414629	34.561	ng	# 94
24) Nitrobenzene	7.55	77	351631	39.979	ng	95
25) Isophorone	7.78	82	652991	41.313	ng	97
26) 2-Nitrophenol	7.87	139	170607	49.974	ng	99
27) 2,4-Dimethylphenol	7.90	122	288046	43.048	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	409240	39.931	ng	98
29) 2,4-Dichlorophenol	8.11	162	282687	43.791	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	286188	39.539	ng	95
31) Naphthalene	8.27	128	873707	40.600	ng	99
32) Benzoic acid	8.02	122	142786	31.827	ng	89
33) 4-Chloroaniline	8.32	127	101429	10.636	ng	98
34) Hexachlorobutadiene	8.38	225	184099	39.590	ng	97
35) Caprolactam	8.70	113	63266	28.975	ng	91
36) 4-Chloro-3-methylphenol	8.81	107	295105	41.327	ng	97
37) 2-Methylnaphthalene	8.97	142	609790	41.603	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	304789	40.050	ng	98
40) Hexachlorocyclopentadiene	9.11	237	348978	83.114	ng	99

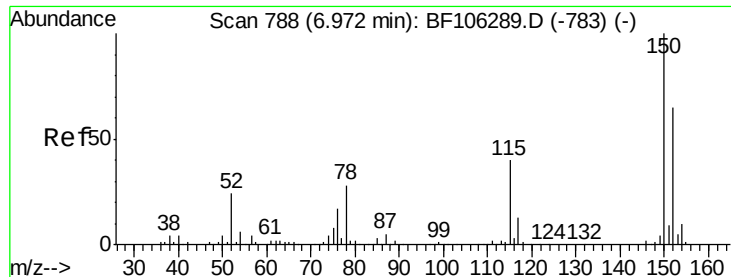
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106537.D
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 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	213941	44.113	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	219539	41.991	ng	# 94
45) 1,1'-Biphenyl	9.42	154	725760	39.970	ng	99
46) 2-Chloronaphthalene	9.45	162	577858	39.768	ng	98
47) 2-Nitroaniline	9.55	65	201837	44.154	ng	95
48) Acenaphthylene	9.87	152	925707	41.621	ng	98
49) Dimethylphthalate	9.72	163	696401	41.580	ng	98
50) 2,6-Dinitrotoluene	9.80	165	156464	45.734	ng	93
51) Acenaphthene	10.05	154	525435	36.581	ng	99
52) 3-Nitroaniline	9.96	138	71377	17.578	ng	93
53) 2,4-Dinitrophenol	10.07	184	126127	80.265	ng	# 19
54) Dibenzofuran	10.22	168	794719	41.088	ng	98
55) 4-Nitrophenol	10.15	139	205134	65.909	ng	92
56) 2,4-Dinitrotoluene	10.20	165	211097	49.136	ng	# 89
57) Fluorene	10.56	166	619714	40.439	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	185873	44.855	ng	# 83
59) Diethylphthalate	10.42	149	672631	40.462	ng	96
60) 4-Chlorophenyl-phenylether	10.55	204	323465	40.131	ng	91
61) 4-Nitroaniline	10.58	138	159787	40.446	ng	99
62) Azobenzene	10.71	77	696806	40.198	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	103564	42.205	ng	90
65) n-Nitrosodiphenylamine	10.67	169	593826	38.038	ng	95
66) 4-Bromophenyl-phenylether	11.04	248	226093	42.795	ng	# 82
67) Hexachlorobenzene	11.11	284	233290	42.831	ng	# 88
68) Atrazine	11.20	200	204082	42.420	ng	95
69) Pentachlorophenol	11.31	266	193077	57.577	ng	98
70) Phenanthrene	11.53	178	914846	40.215	ng	98
71) Anthracene	11.58	178	943713	41.409	ng	99
72) Carbazole	11.74	167	827184	39.315	ng	99
73) Di-n-butylphthalate	12.05	149	1009049	43.091	ng	99
74) Fluoranthene	12.72	202	1001328	41.274	ng	97
76) Benzidine	12.84	184	265704	22.717	ng	99
77) Pyrene	12.95	202	1002108	45.546	ng	99
79) Butylbenzylphthalate	13.56	149	430408	52.260	ng	# 95
80) Benzo(a)anthracene	14.15	228	868304	41.519	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	128787	18.252	ng	# 94
82) Chrysene	14.19	228	810159	42.430	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	571395	48.388	ng	99
84) Di-n-octyl phthalate	14.75	149	809692	47.562	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	724513	47.544	ng	# 92
87) Benzo(b)fluoranthene	15.24	252	666015	41.291	ng	98
88) Benzo(k)fluoranthene	15.28	252	633768	39.674	ng	# 96
89) Benzo(a)pyrene	15.64	252	619760	42.719	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	593092	49.035	ng	# 95
91) Benzo(g,h,i)perylene	17.76	276	626266	53.279	ng	# 92

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

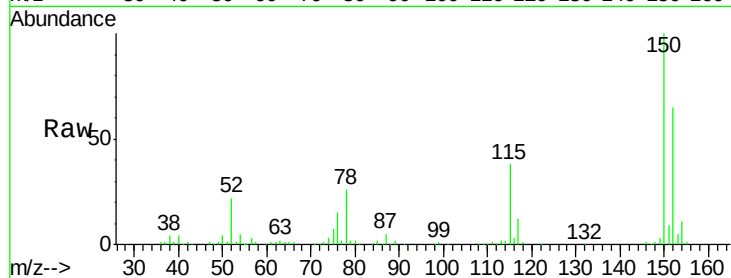


#1

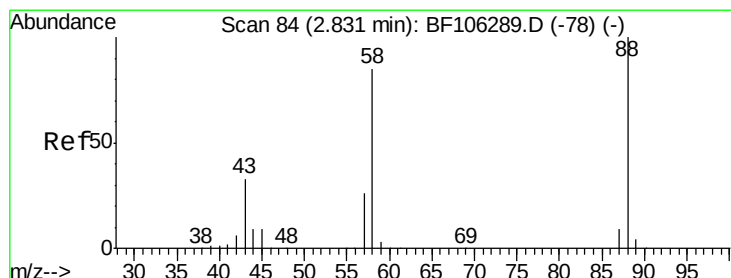
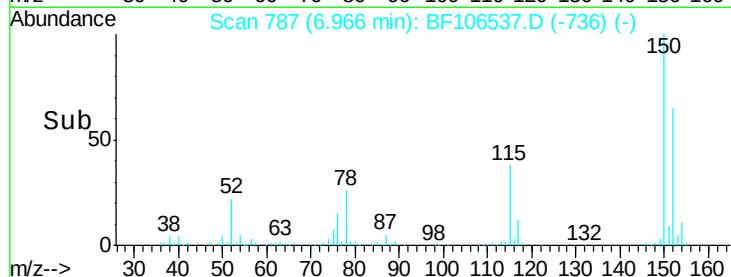
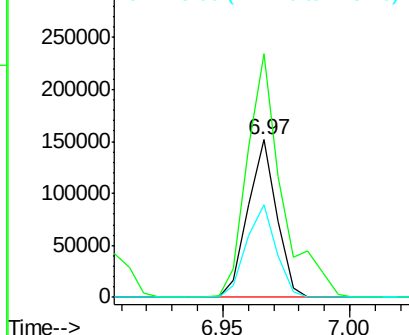
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tgt Ion: 152 Resp: 120136
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 59.0 50.1 75.1



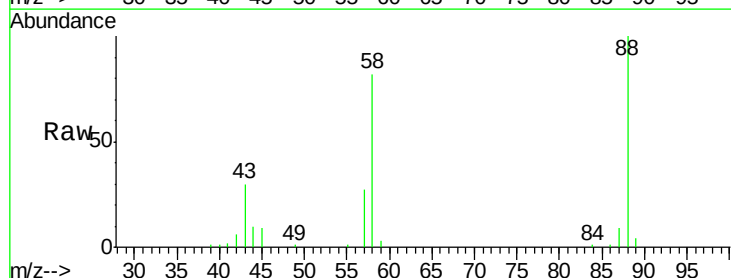
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



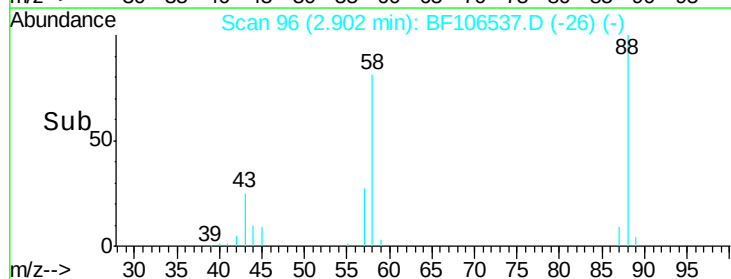
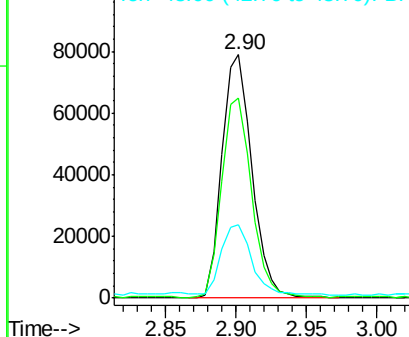
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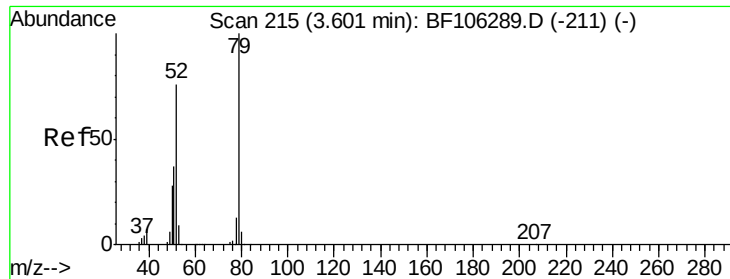
1,4-Dioxane
Concen: 31.739 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.11 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion: 88 Resp: 116593
Ion Ratio Lower Upper
88 100
58 82.8 62.6 93.8
43 28.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.760 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.09 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

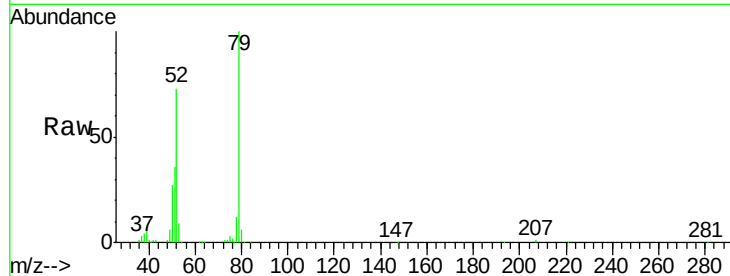
Tgt Ion: 79 Resp: 355843

Ion Ratio Lower Upper

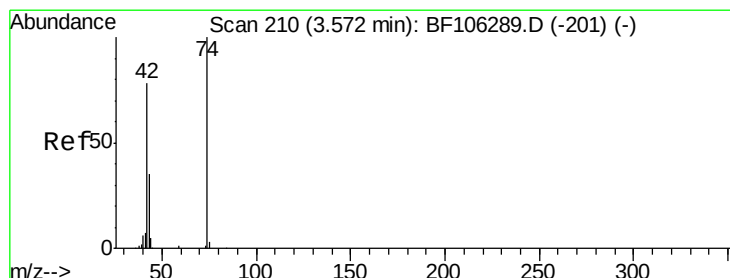
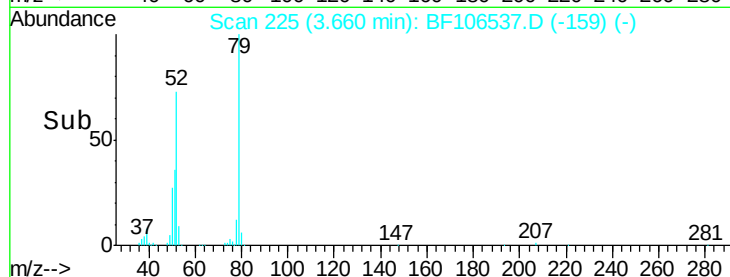
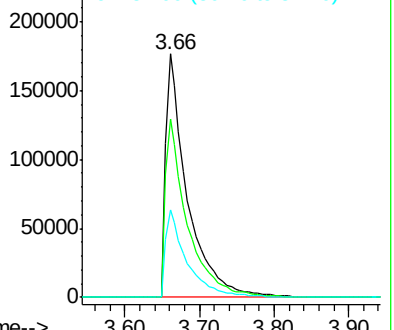
79 100

52 73.4 59.8 89.6

51 36.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 33.383 ng

RT: 3.63 min Scan# 219

Delta R.T. 0.08 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

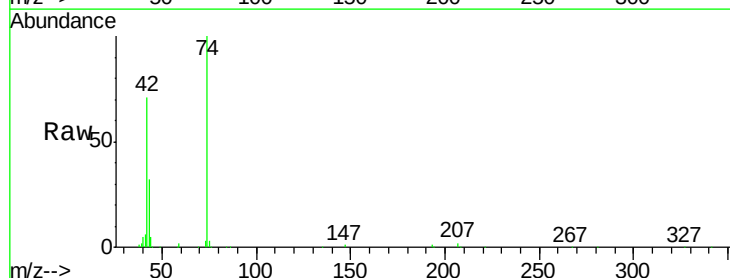
Tgt Ion: 42 Resp: 156558

Ion Ratio Lower Upper

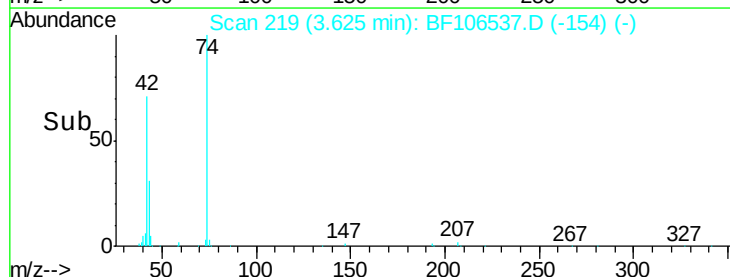
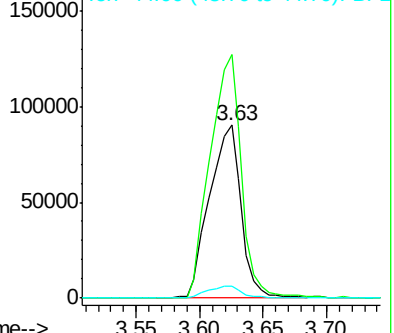
42 100

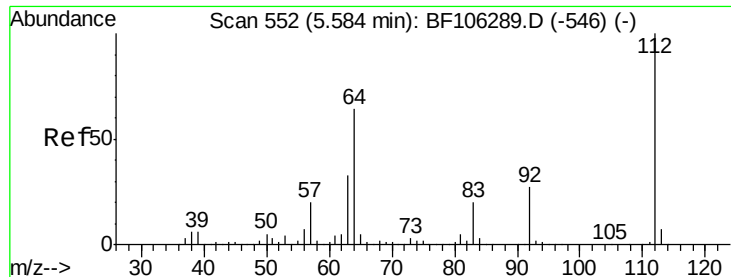
74 140.8 104.9 157.3

44 7.1 6.9 10.3



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





#5

2-Fluorophenol

Concen: 111.267 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

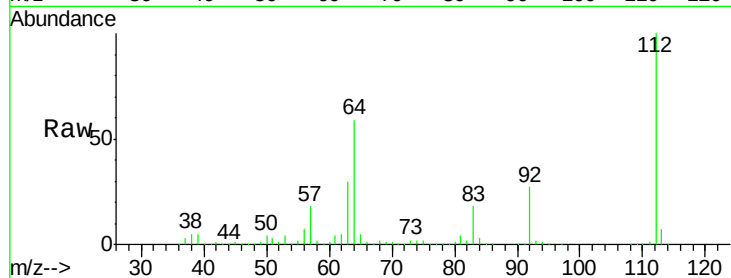
Tgt Ion: 112 Resp: 789786

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

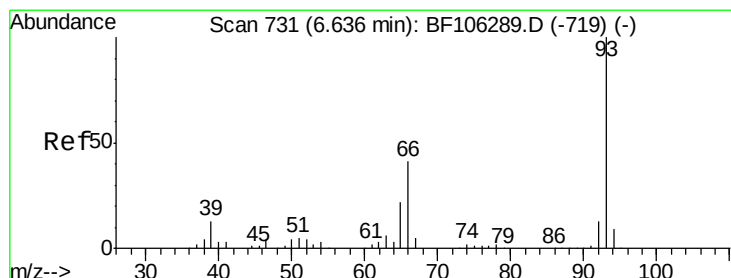
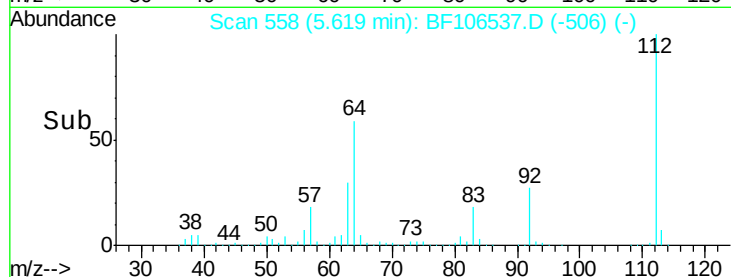
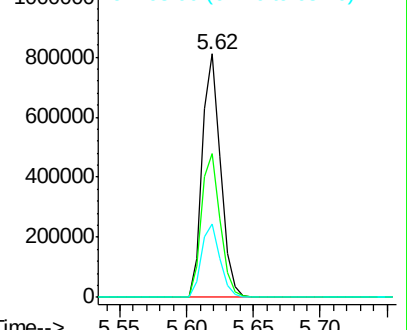
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.011 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

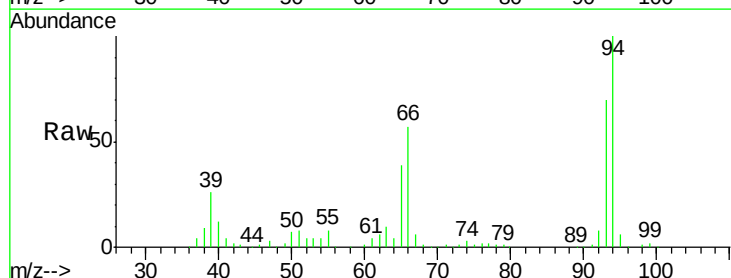
Tgt Ion: 93 Resp: 248957

Ion Ratio Lower Upper

93 100

66 81.4 32.2 48.2#

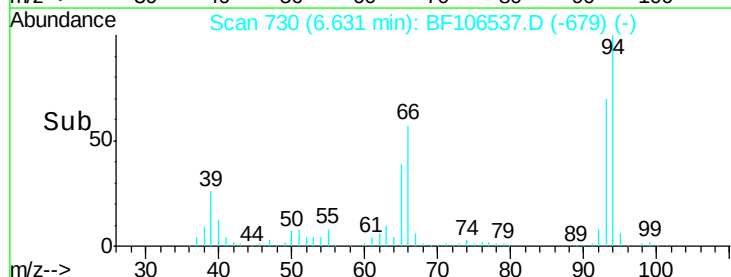
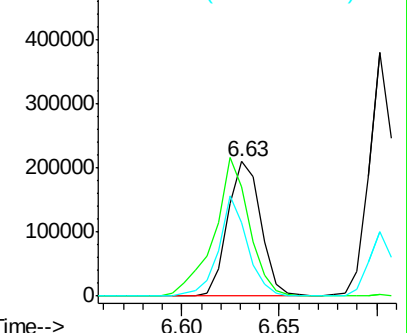
65 54.7 16.4 24.6#

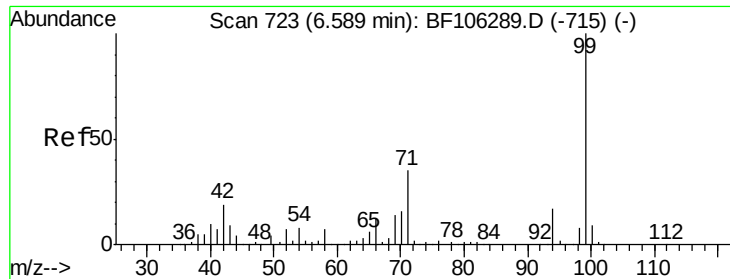


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.349 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

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PB110319BS

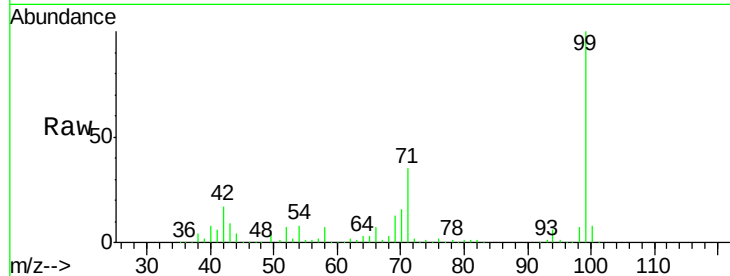
Tgt Ion: 99 Resp: 998565

Ion Ratio Lower Upper

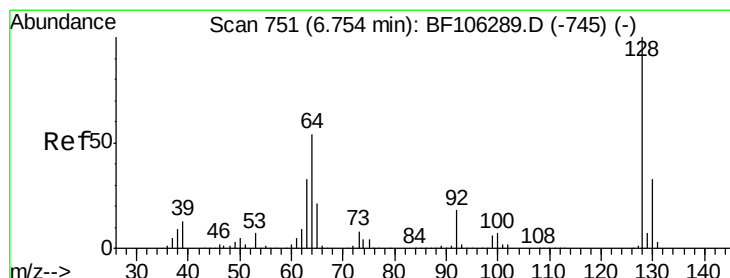
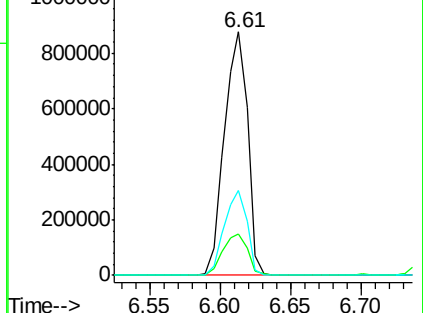
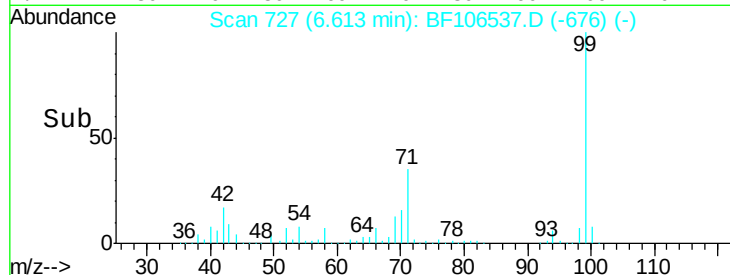
99 100

42 17.1 14.5 21.7

71 34.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.710 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

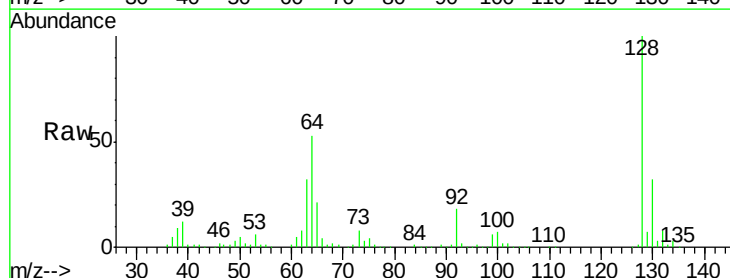
Tgt Ion: 128 Resp: 303113

Ion Ratio Lower Upper

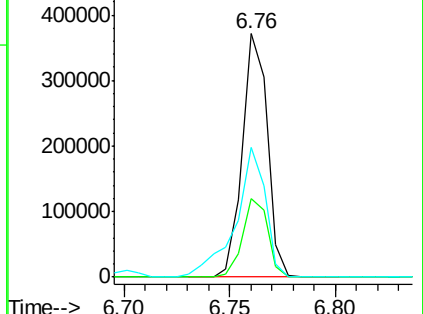
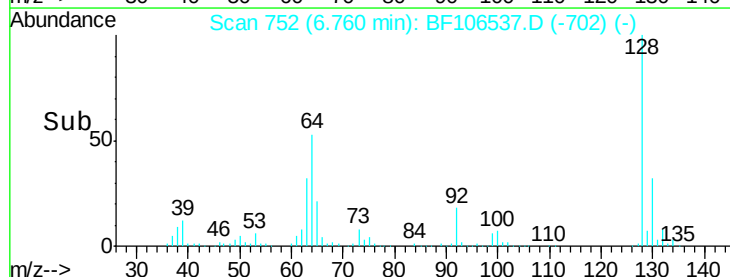
128 100

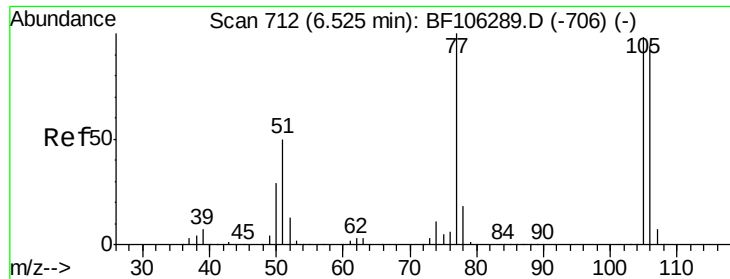
130 32.0 13.0 53.0

64 53.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 27.622 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

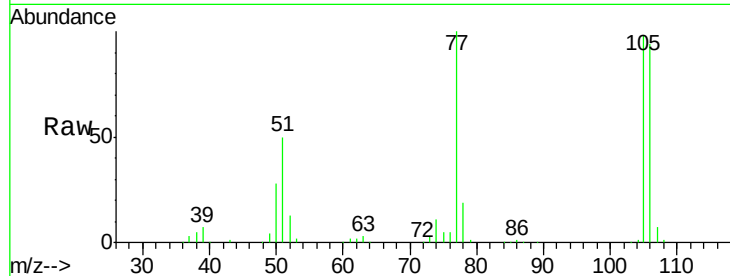
Tgt Ion: 77 Resp: 187888

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

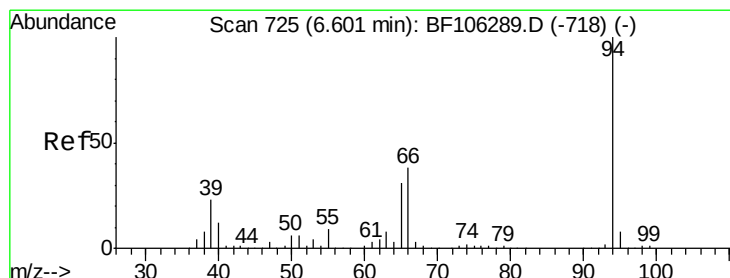
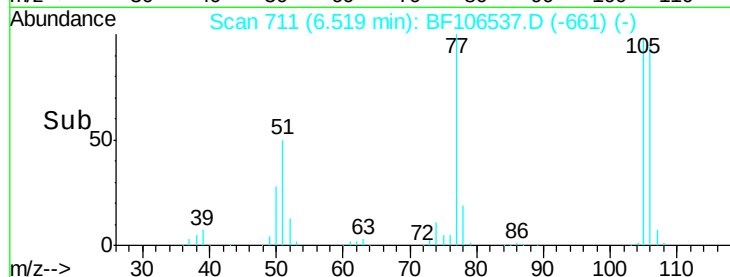
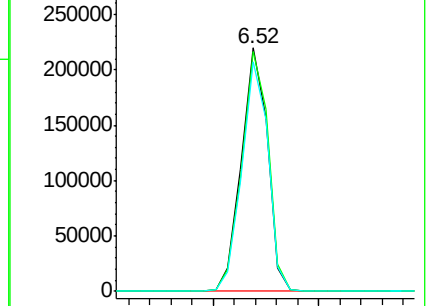
106 94.3 74.5 114.5



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: 39.226 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

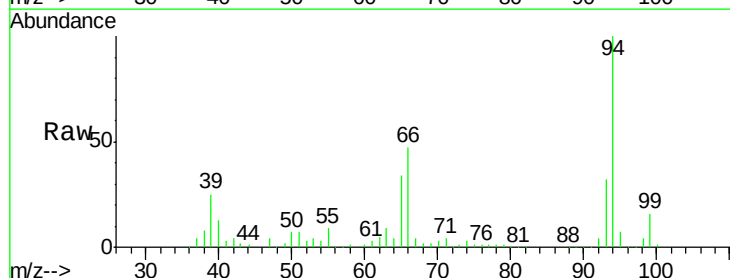
Tgt Ion: 94 Resp: 384024

Ion Ratio Lower Upper

94 100

65 34.2 7.9 47.9

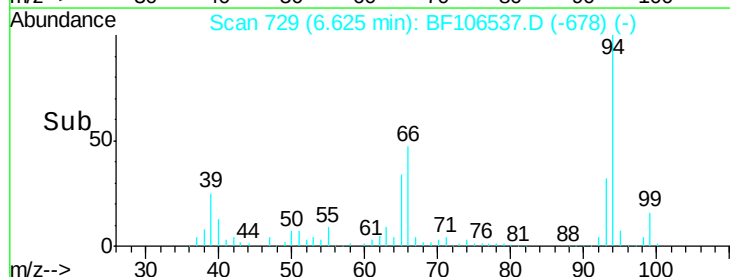
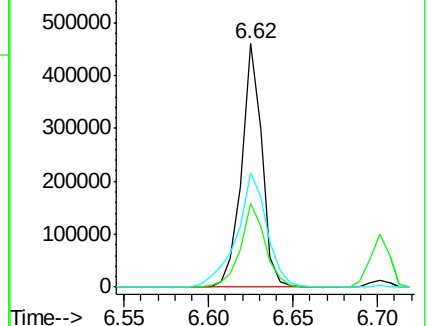
66 46.8 16.2 56.2

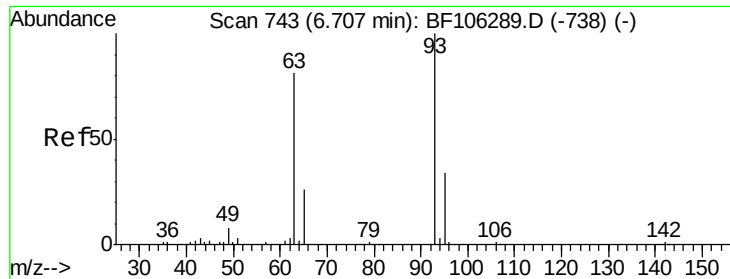


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

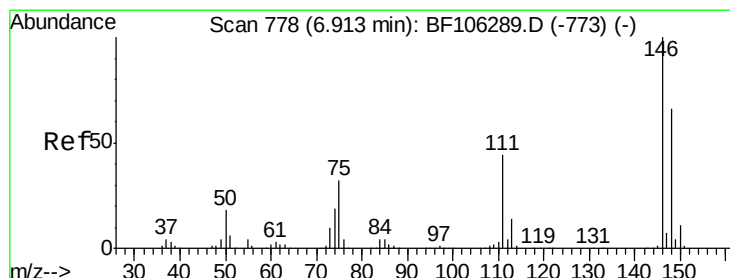
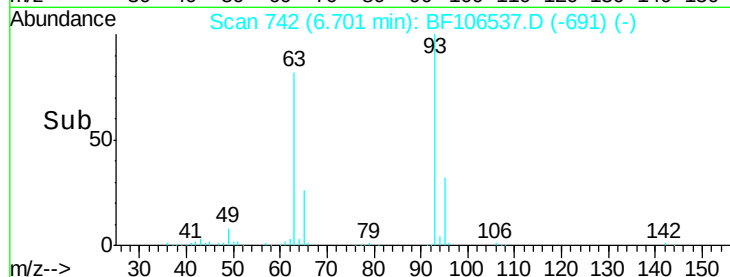
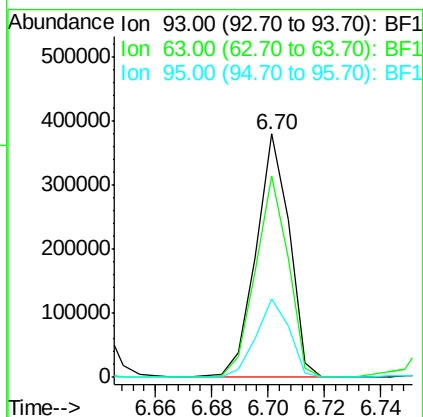
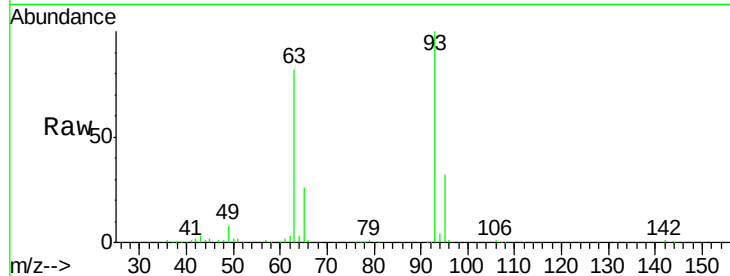




#11
bis(2-Chloroethyl)ether
Concen: 37.009 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

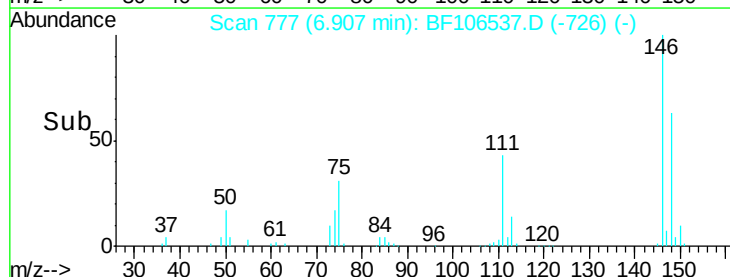
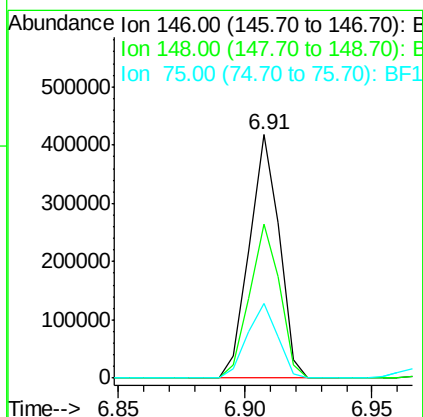
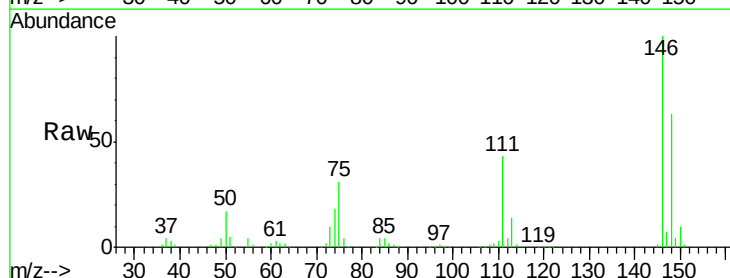
Instrument :
BNA_F
ClientSampleId :
PB110319BS

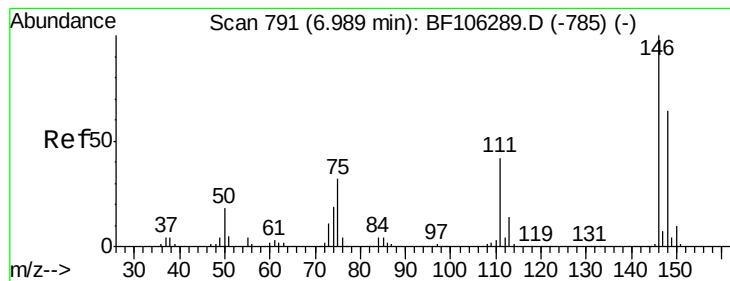
Tgt Ion: 93 Resp: 310169
Ion Ratio Lower Upper
93 100
63 82.5 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.321 ng
RT: 6.91 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion: 146 Resp: 344274
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 30.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.996 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

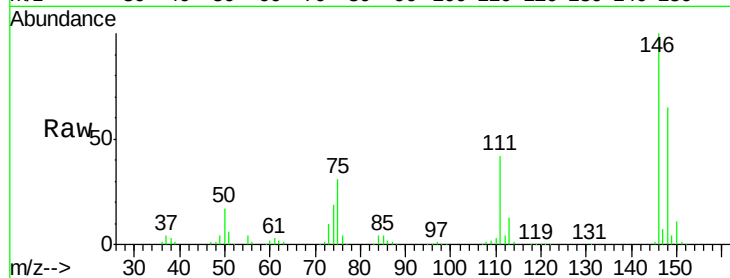
Tgt Ion:146 Resp: 346395

Ion Ratio Lower Upper

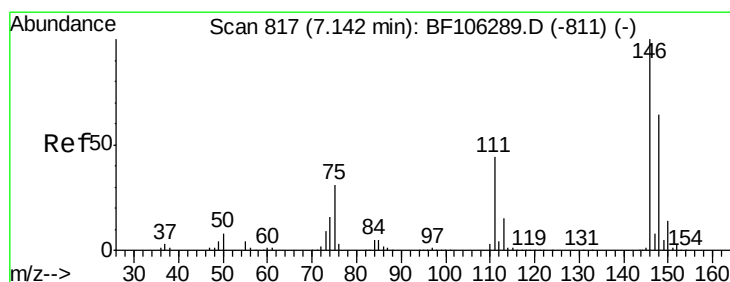
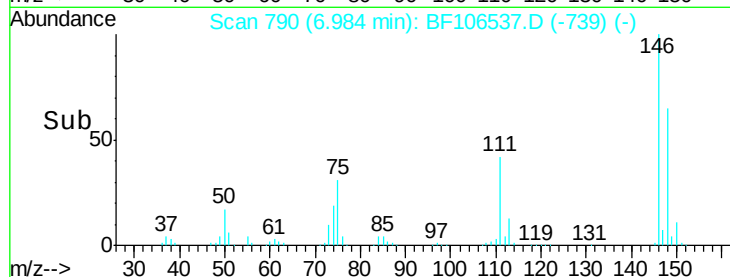
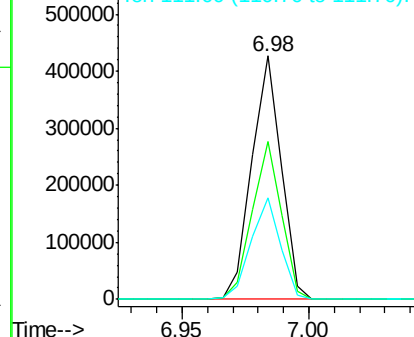
146 100

148 64.7 50.8 76.2

111 41.8 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: 37.744 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

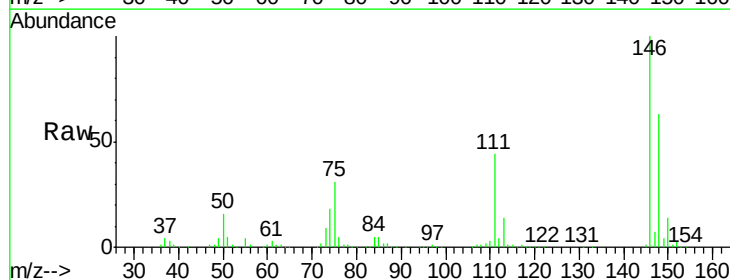
Tgt Ion:146 Resp: 323927

Ion Ratio Lower Upper

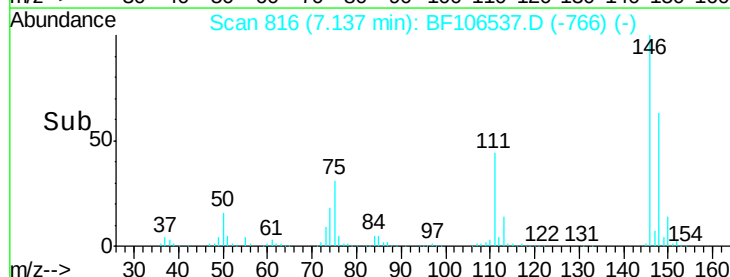
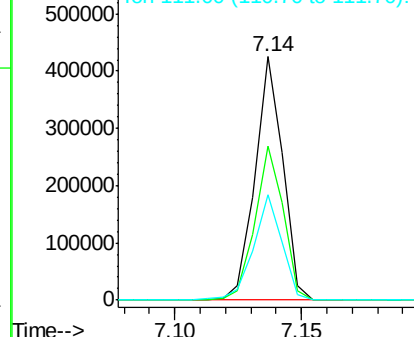
146 100

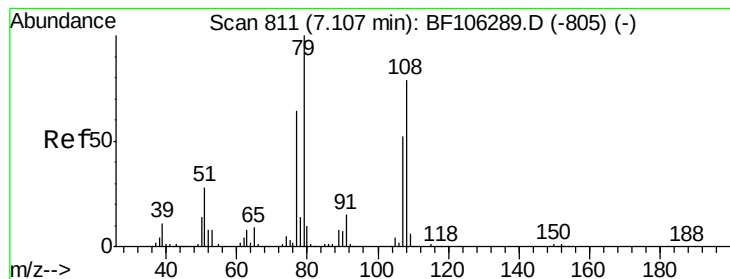
148 63.1 50.6 75.8

111 43.5 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: 37.515 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

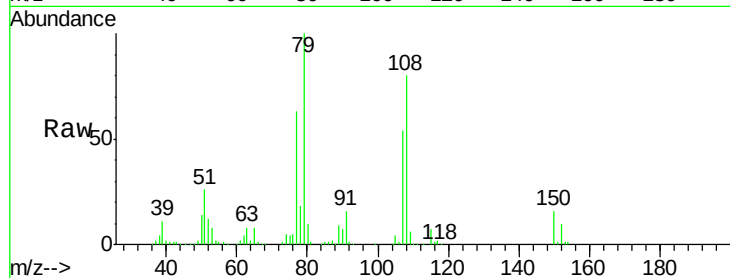
Tgt Ion: 79 Resp: 288113

Ion Ratio Lower Upper

79 100

108 80.5 65.1 97.7

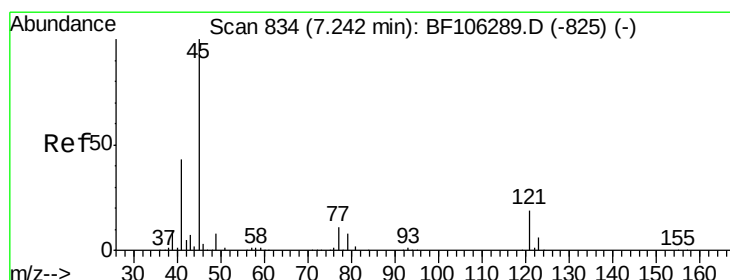
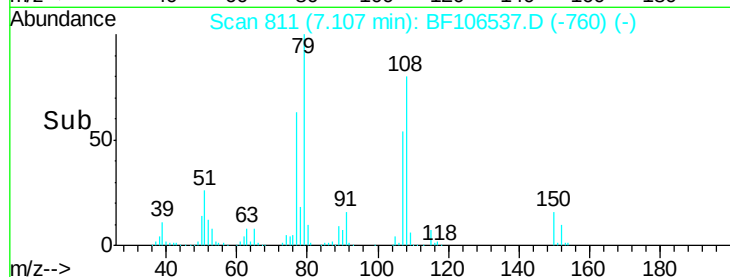
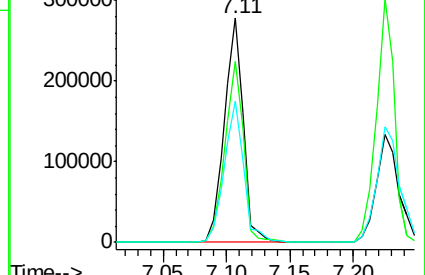
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.770 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

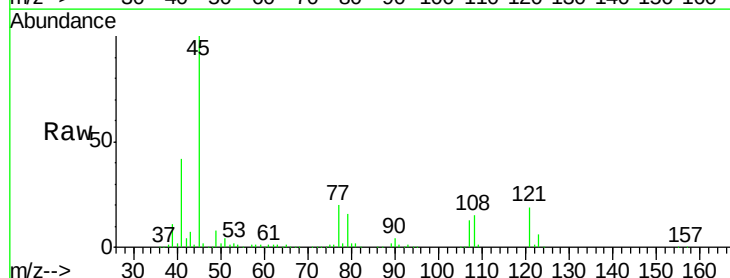
Tgt Ion: 45 Resp: 477792

Ion Ratio Lower Upper

45 100

77 19.6 0.0 32.9

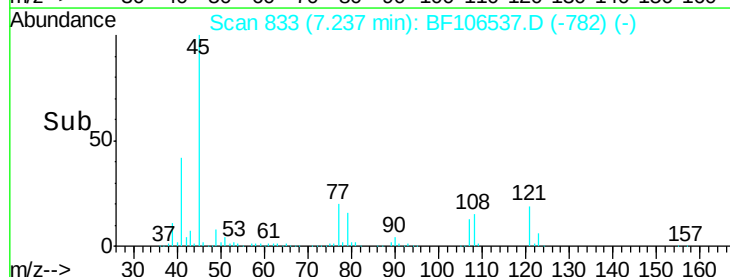
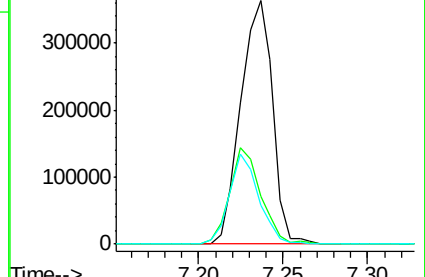
79 16.2 0.0 29.6

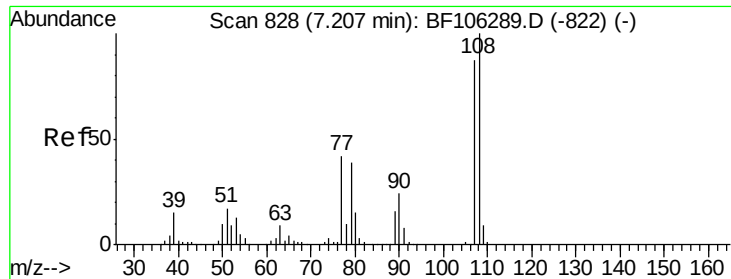


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

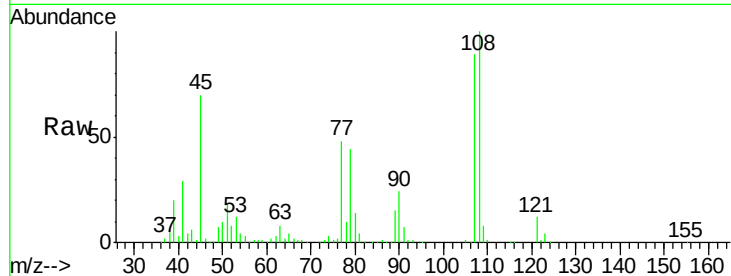




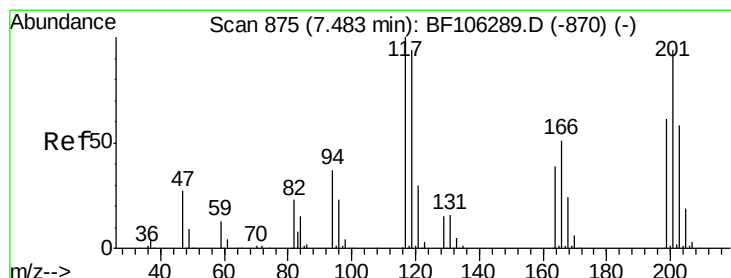
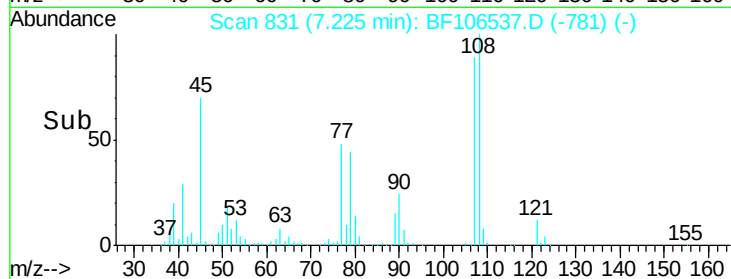
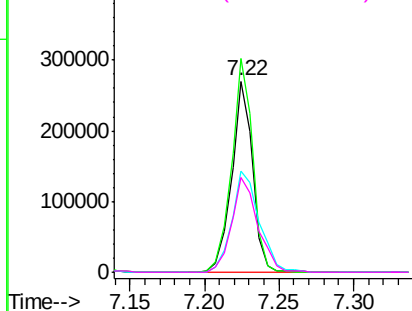
#17
2-Methylphenol
Concen: 39.117 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tgt Ion:107 Resp: 266400
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 53.3 33.8 50.8#
79 49.6 33.8 50.8

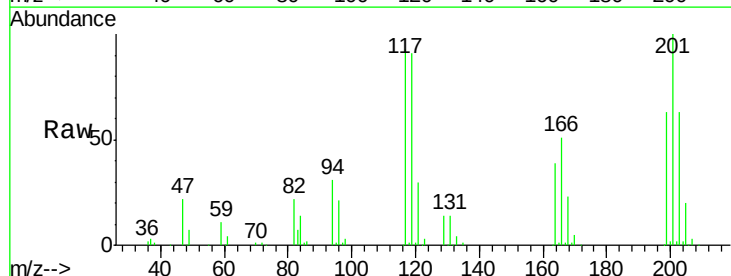


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

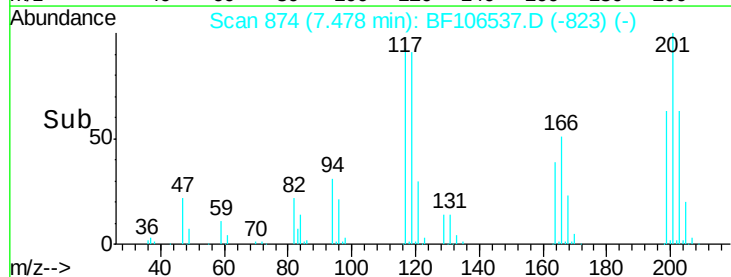
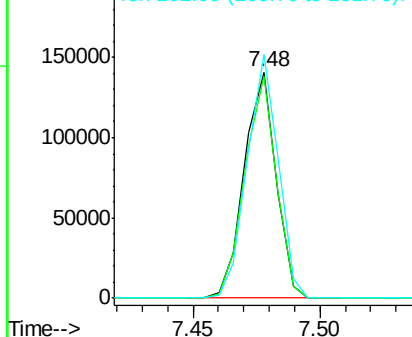


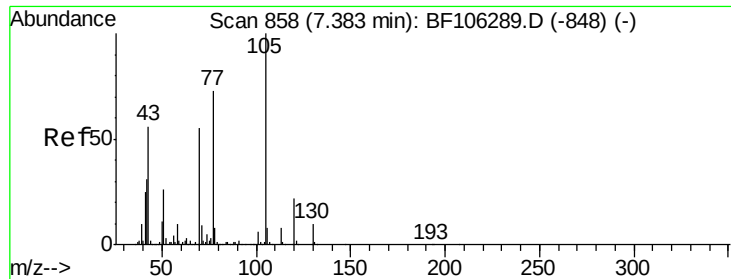
#18
Hexachloroethane
Concen: 37.898 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:117 Resp: 123109
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.8
201 107.7 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

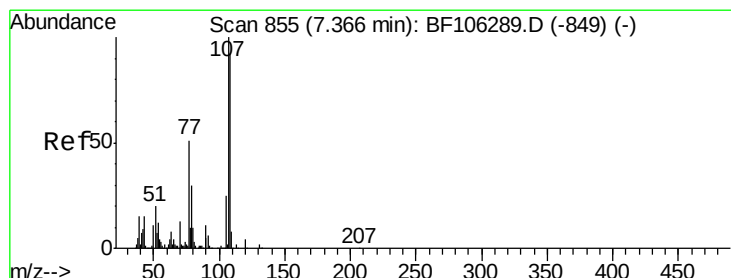
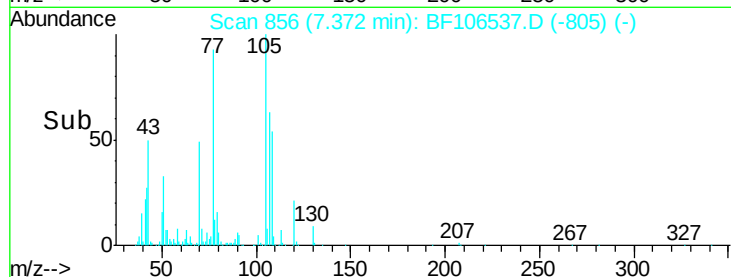
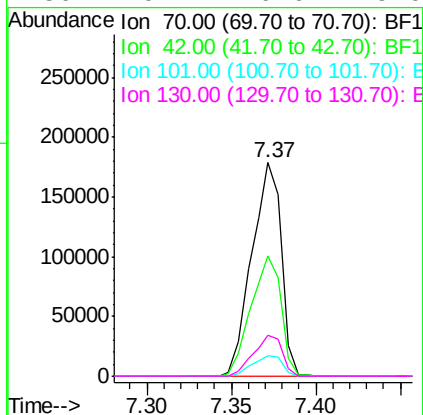
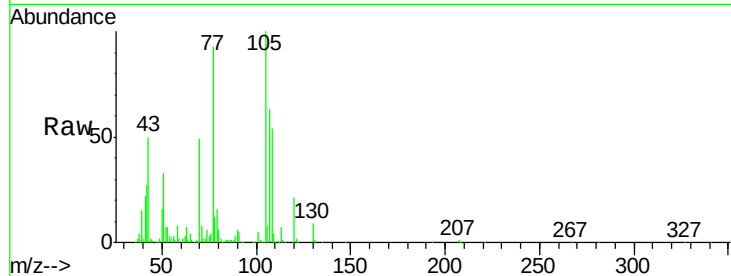




#19
n-Nitroso-di-n-propylamine
Concen: 32.271 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

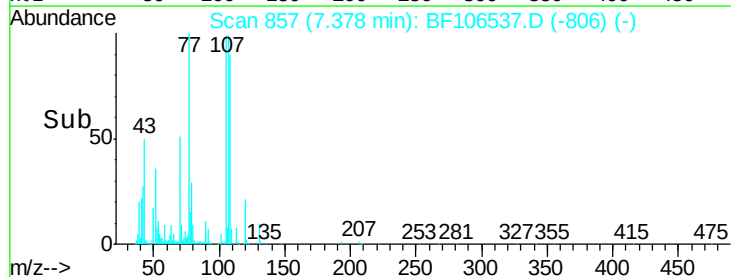
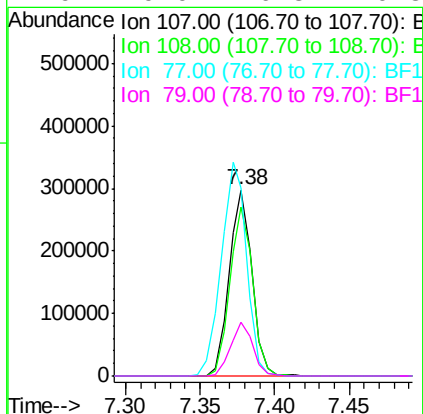
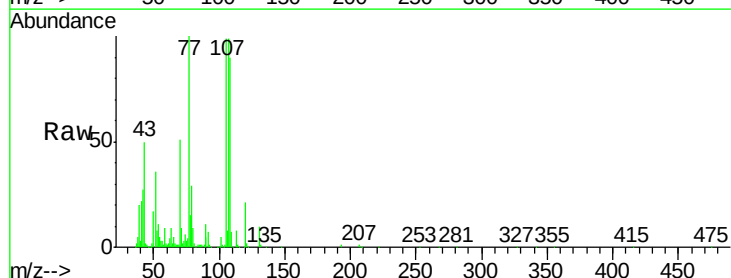
Instrument :
BNA_F
ClientSampleId :
PB110319BS

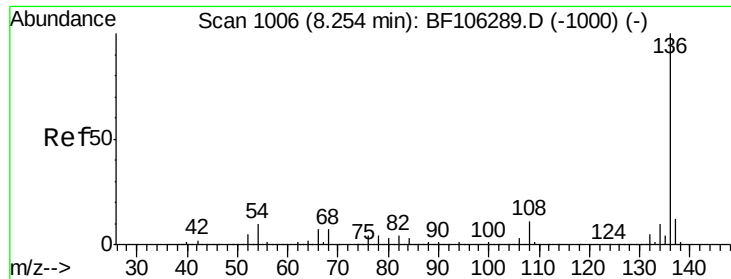
Tgt Ion:	70	Resp:	217121
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	9.9	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.795 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:	107	Resp:	320460
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	101.0	26.7	66.7#
79	29.0	6.3	46.3

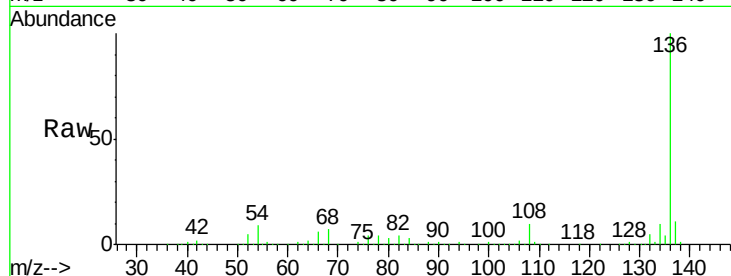




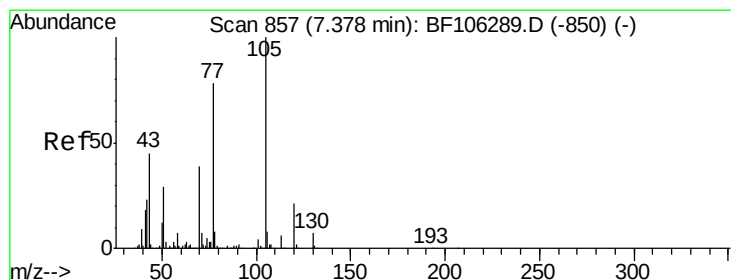
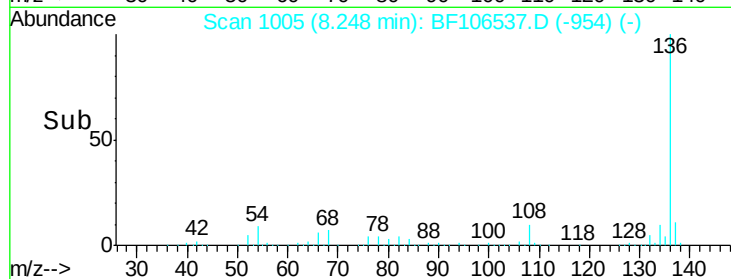
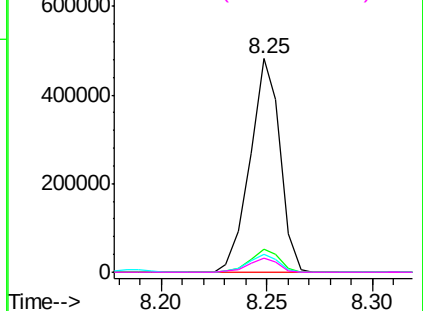
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tgt Ion:	136	Resp:	476050
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4

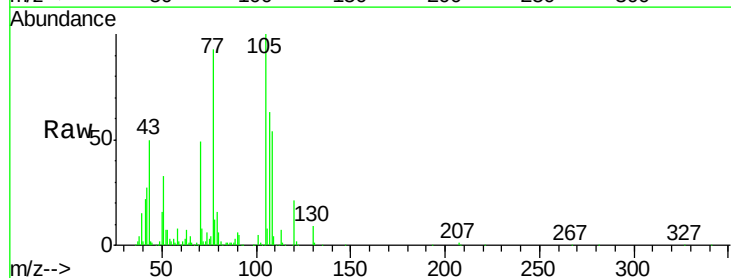


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

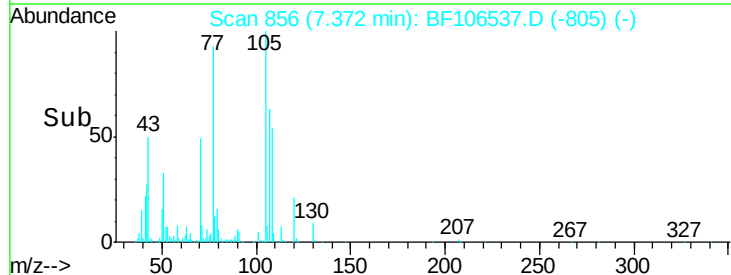
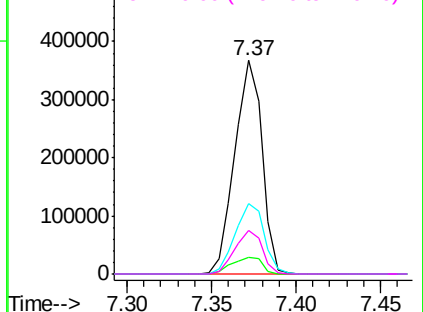


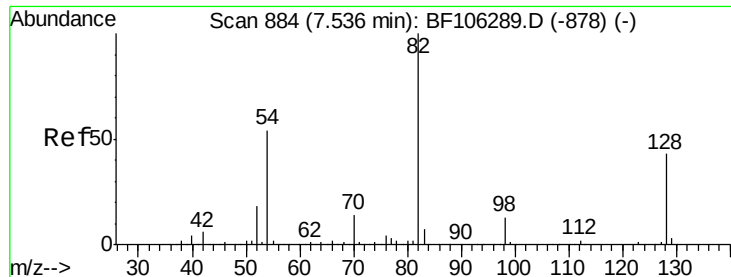
#22
Acetophenone
Concen: 34.561 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:	105	Resp:	414629
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	33.2	22.3	33.5
120	20.5	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

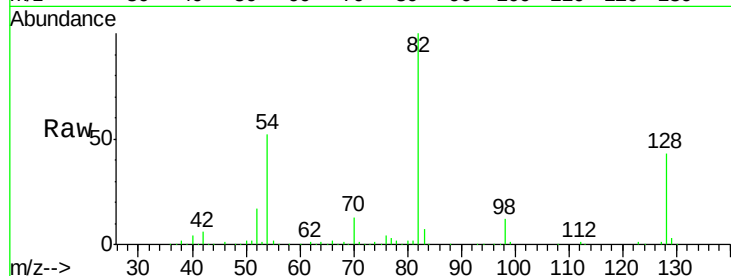




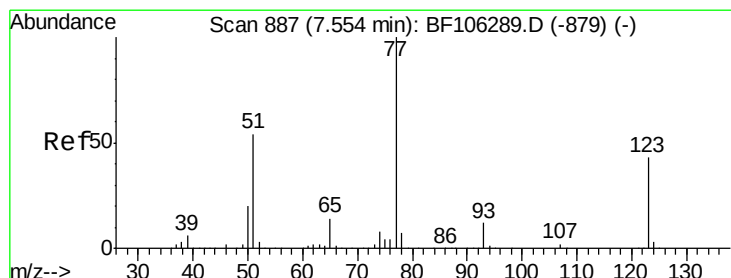
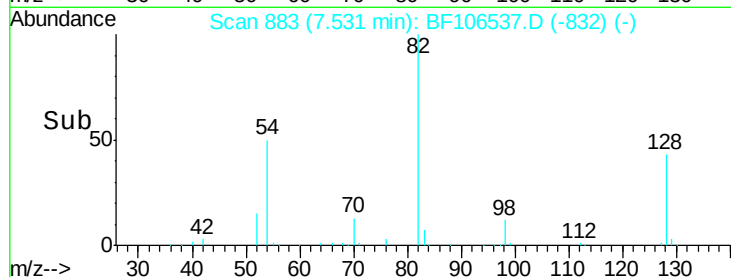
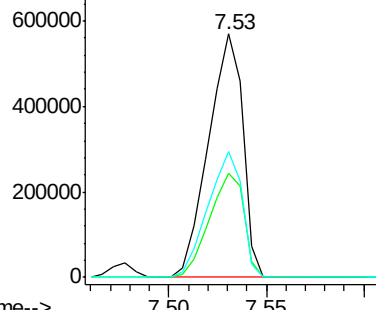
#23
 Nitrobenzene-d5
 Concen: 85.774 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tgt Ion: 82 Resp: 694096
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 51.7 41.4 62.2

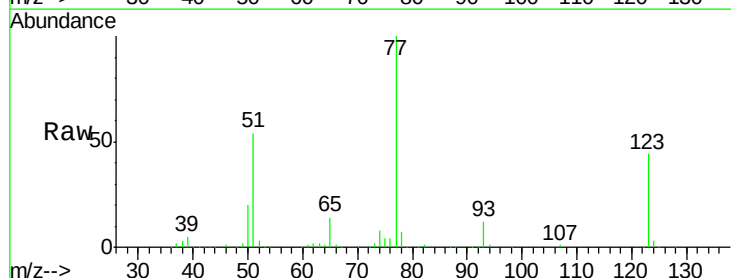


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

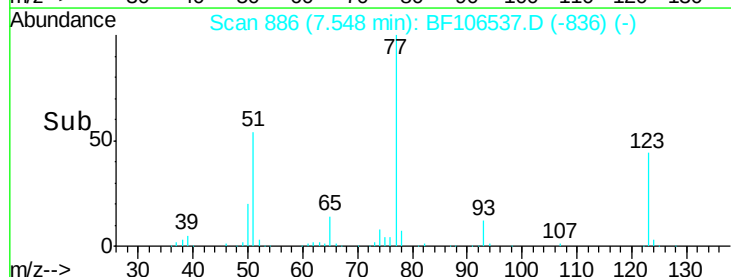
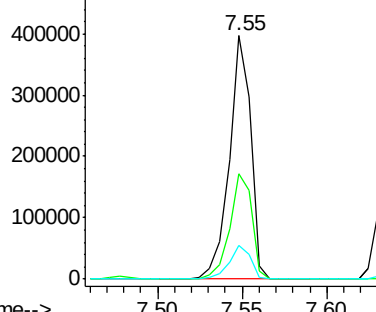


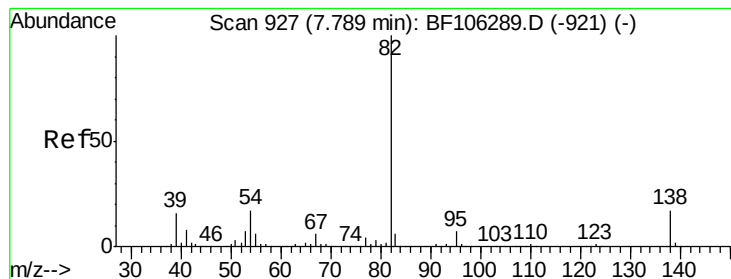
#24
 Nitrobenzene
 Concen: 39.979 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion: 77 Resp: 351631
 Ion Ratio Lower Upper
 77 100
 123 43.5 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: 41.313 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

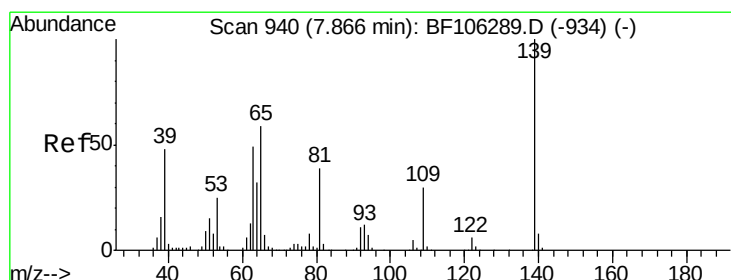
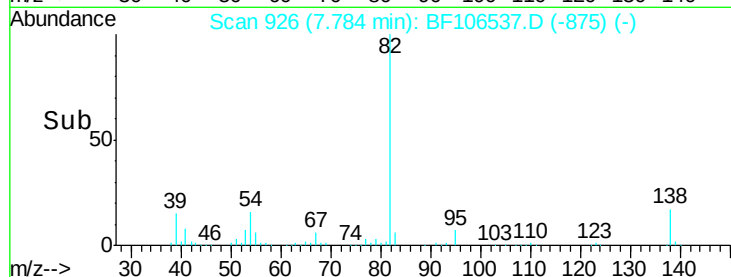
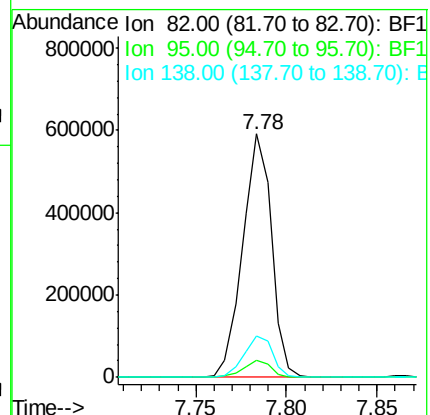
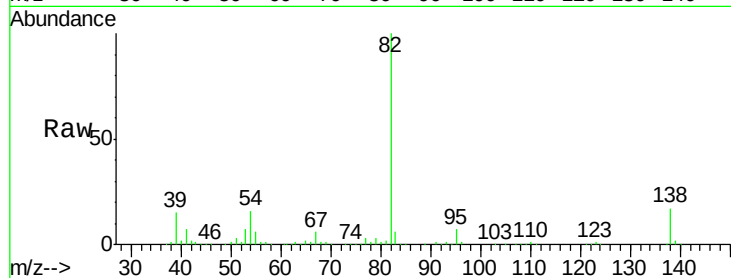
Tgt Ion: 82 Resp: 652991

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 49.974 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

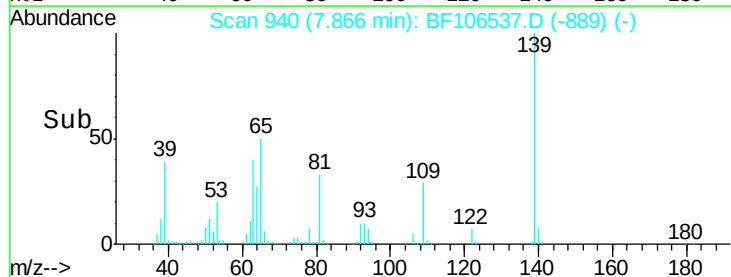
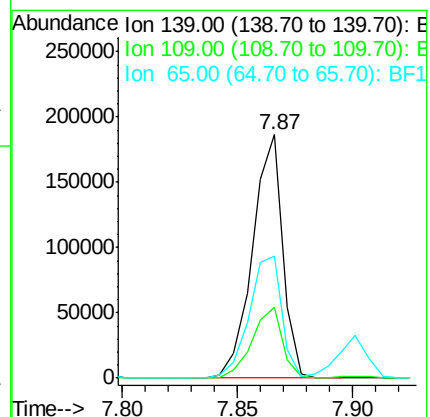
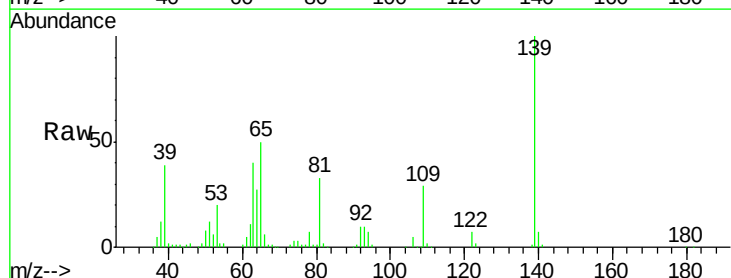
Tgt Ion: 139 Resp: 170607

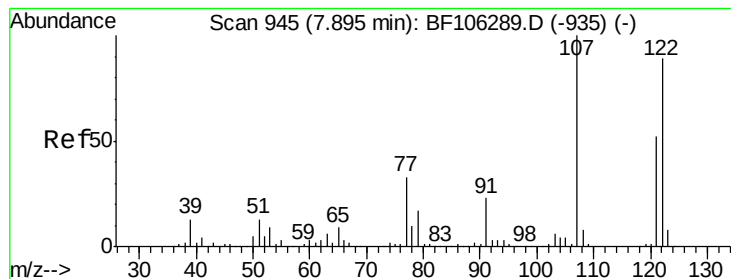
Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

65 50.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.048 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

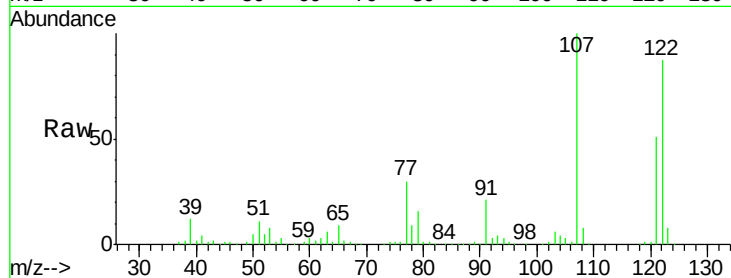
Tgt Ion: 122 Resp: 288046

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

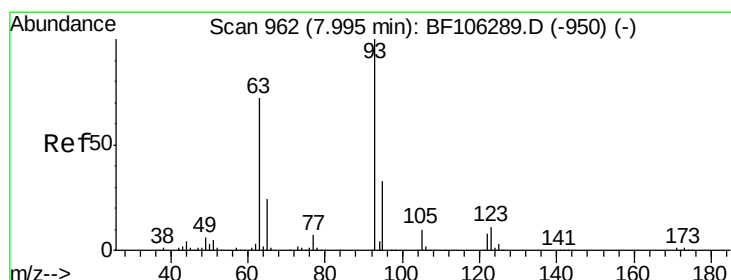
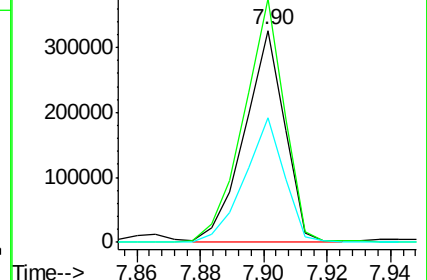
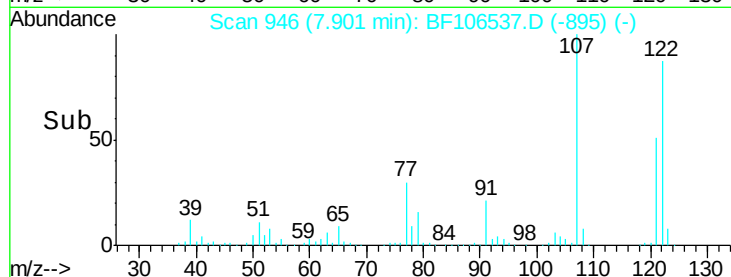
121 58.8 47.2 70.8



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: 39.931 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

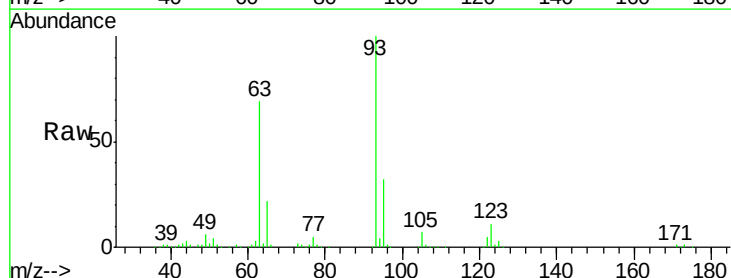
Tgt Ion: 93 Resp: 409240

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

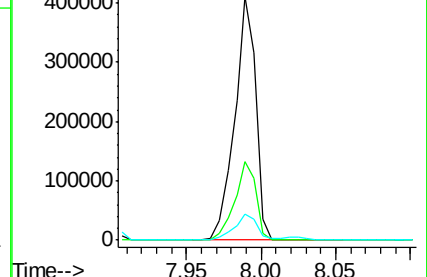
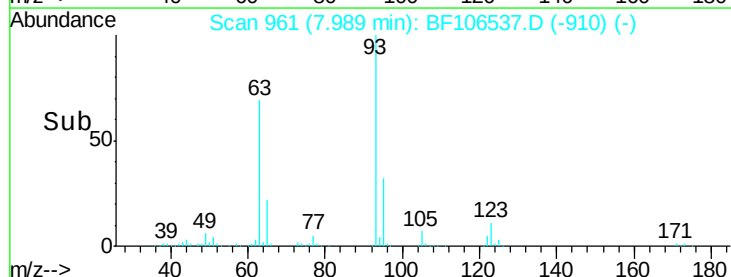
123 10.7 9.8 14.6

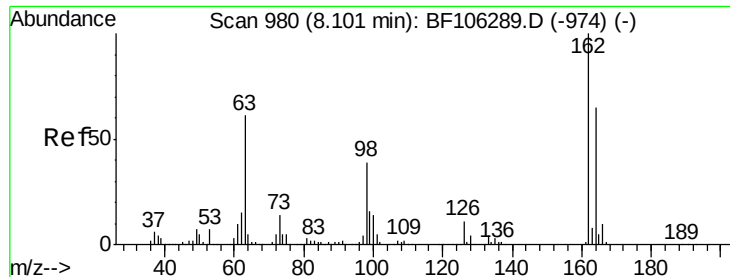


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

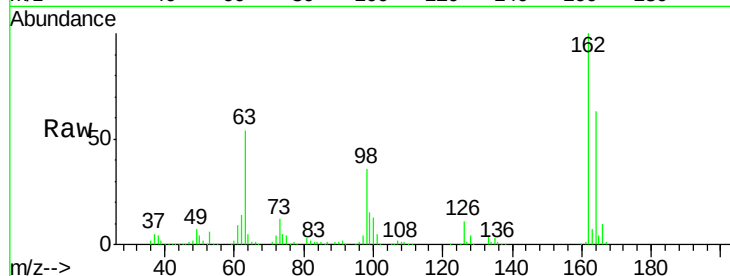




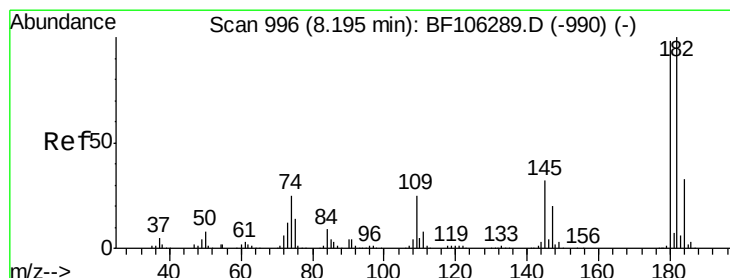
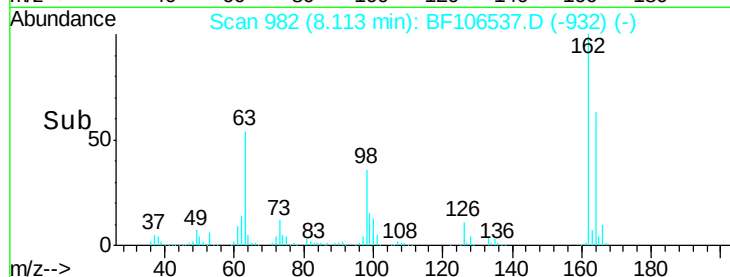
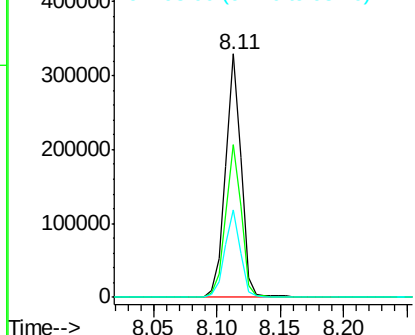
#29
2,4-Dichlorophenol
Concen: 43.791 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	36.1	18.1	58.1

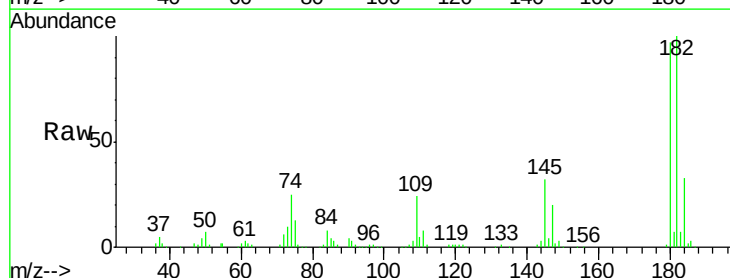


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

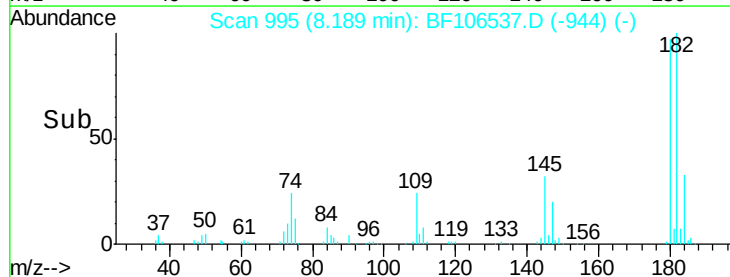
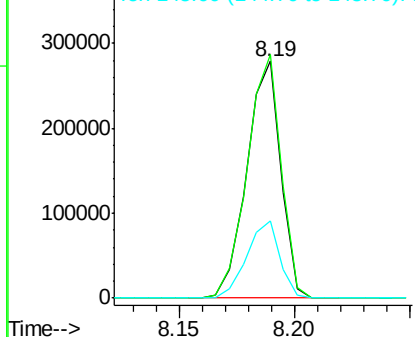


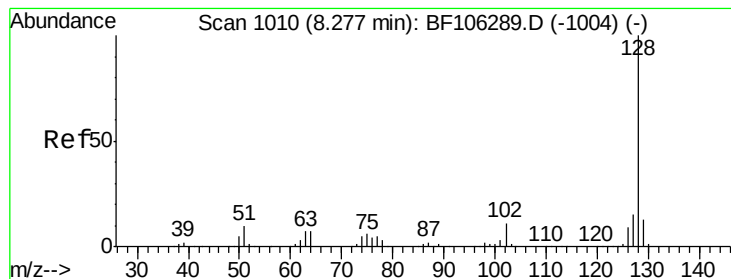
#30
1,2,4-Trichlorobenzene
Concen: 39.539 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.7	76.8	115.2
145	32.4	26.5	39.7



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





#31

Naphthalene

Concen: 40.600 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

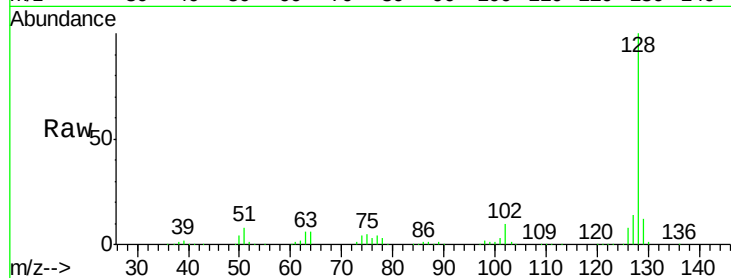
Tgt Ion:128 Resp: 873707

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

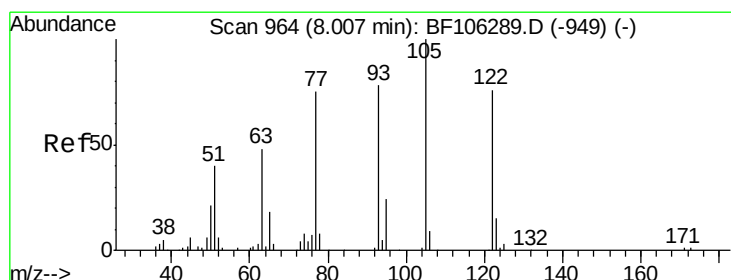
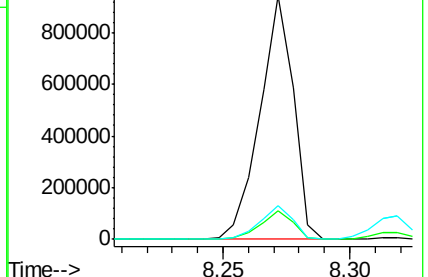
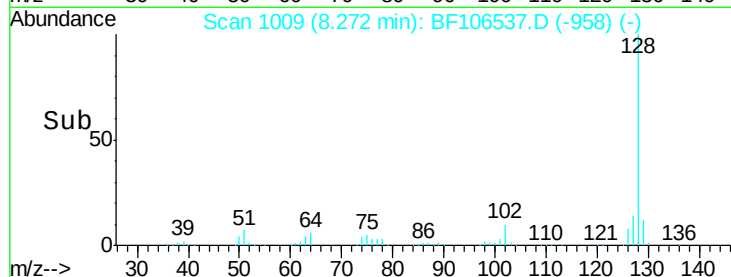
127 13.8 10.9 16.3



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: 31.827 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

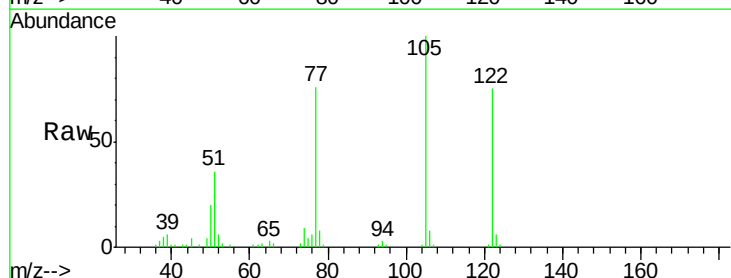
Tgt Ion:122 Resp: 142786

Ion Ratio Lower Upper

122 100

105 133.0 101.1 141.1

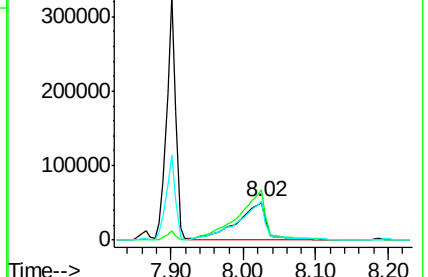
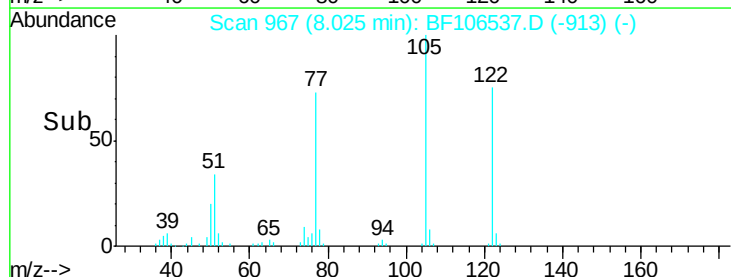
77 101.7 70.7 110.7

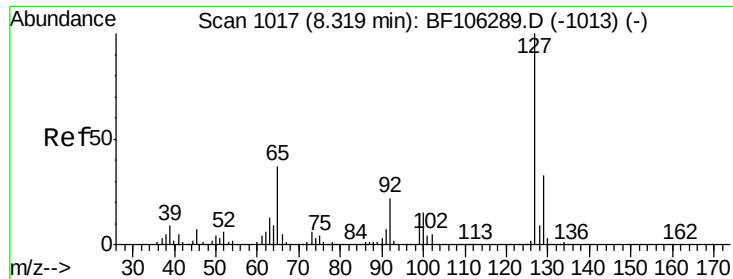


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

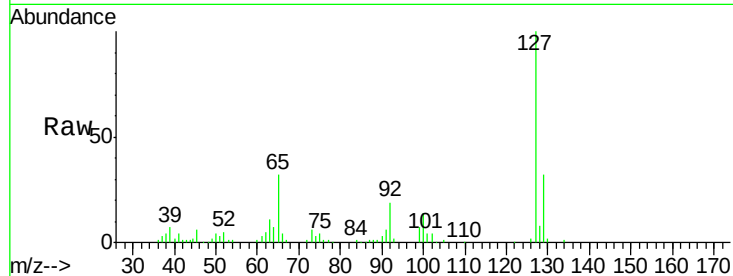




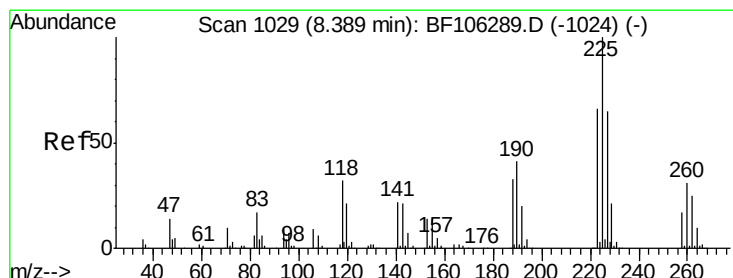
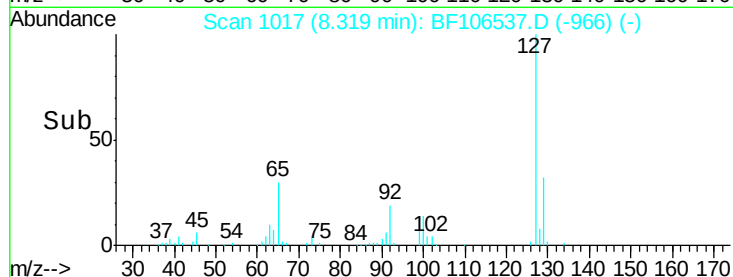
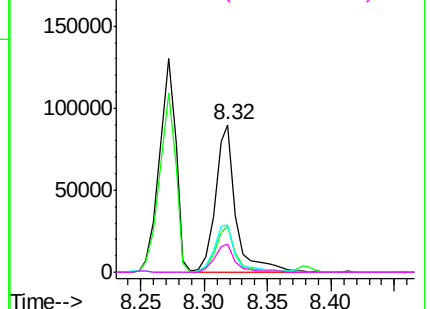
#33
4-Chloroaniline
Concen: 10.636 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tgt Ion:	127	Resp:	101429
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	32.3	25.0	37.4
92	19.4	15.2	22.8

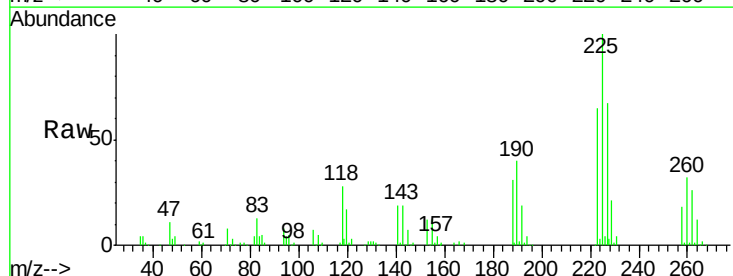


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

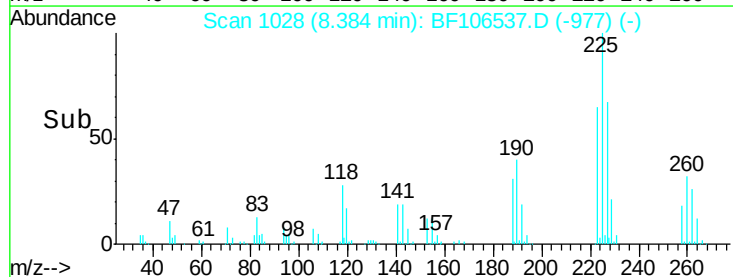
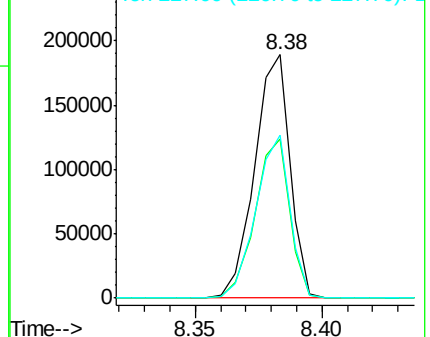


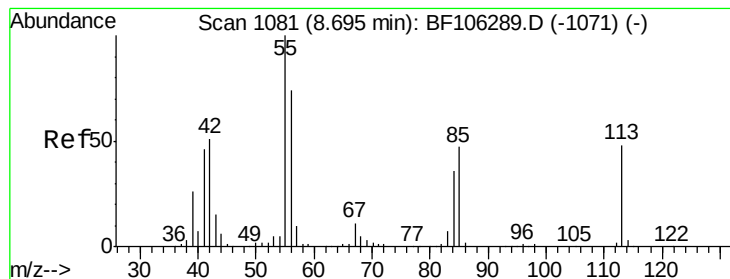
#34
Hexachlorobutadiene
Concen: 39.590 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:	225	Resp:	184099
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.6	76.0
227	67.1	51.9	77.9



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





#35

Caprolactam

Concen: 28.975 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

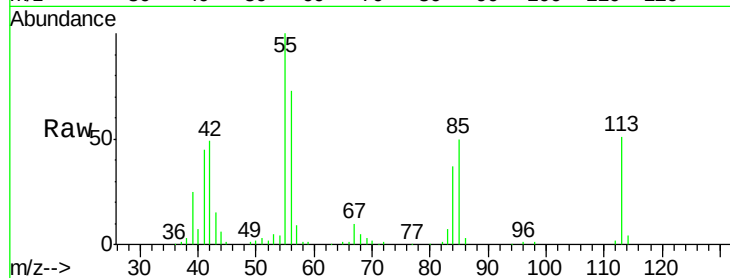
Tgt Ion:113 Resp: 63266

Ion Ratio Lower Upper

113 100

55 197.8 163.3 203.3

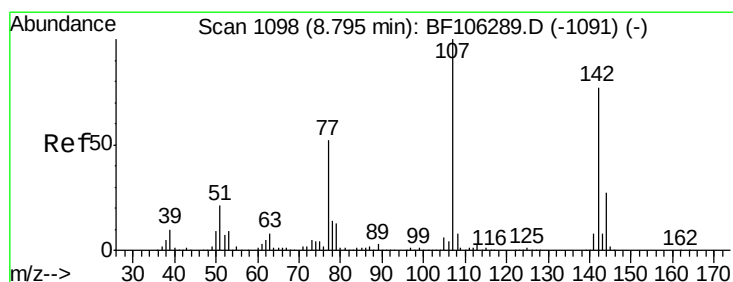
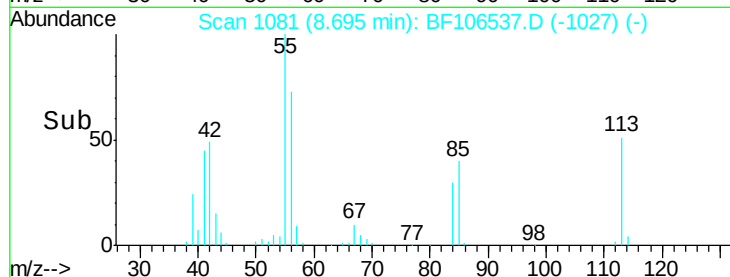
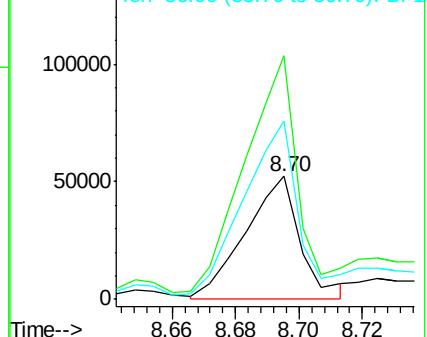
56 145.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.327 ng

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

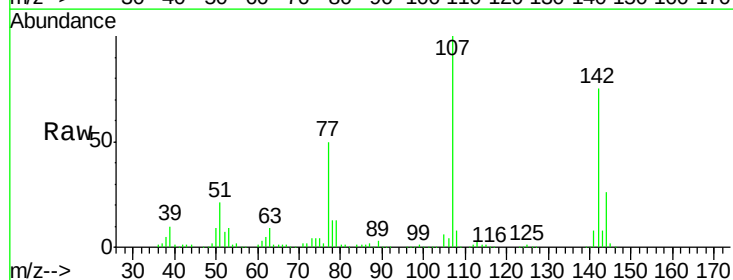
Tgt Ion:107 Resp: 295105

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

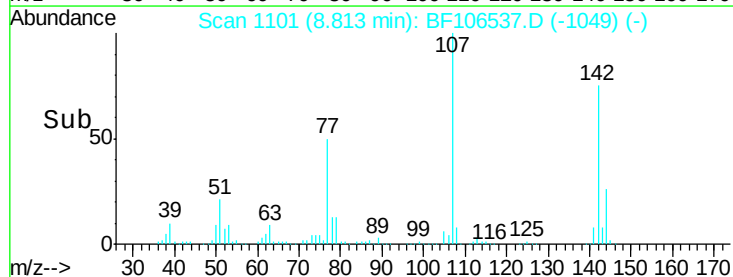
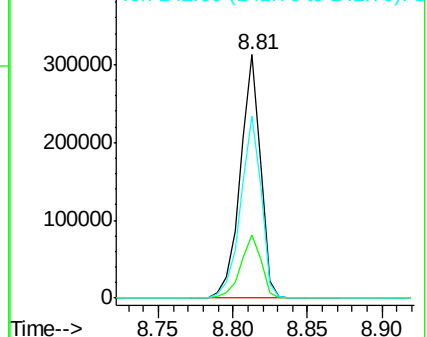
142 74.8 62.0 93.0

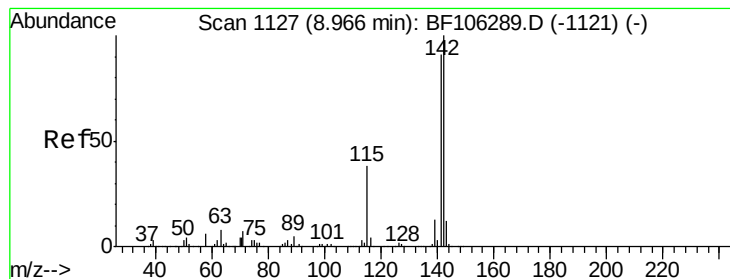


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

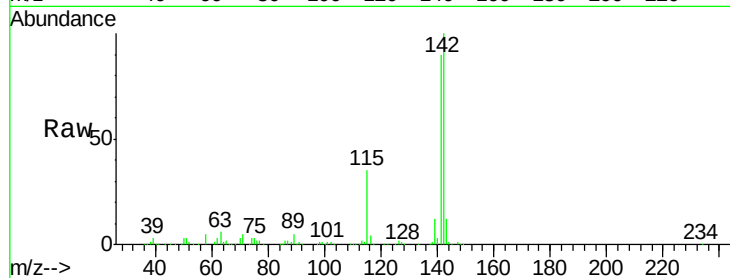




#37
 2-Methylnaphthalene
 Concen: 41.603 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.7	26.1	39.1

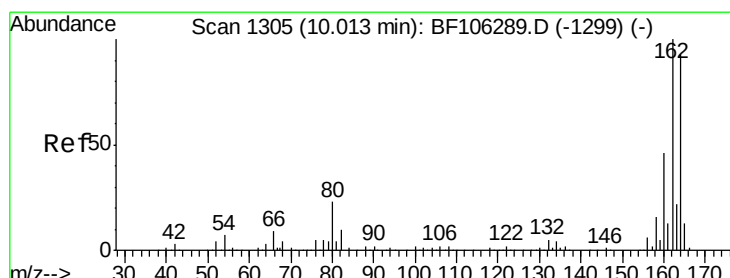
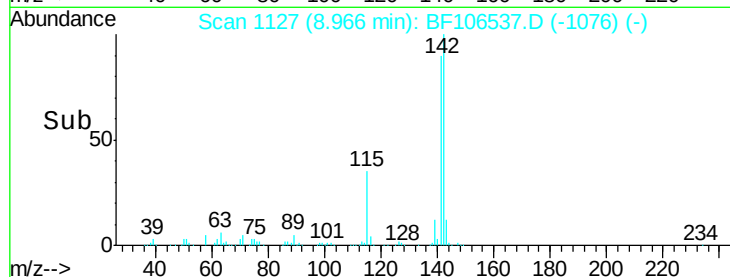
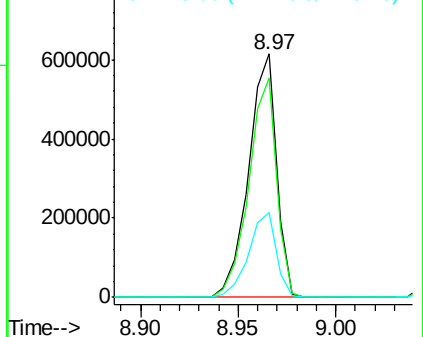


Abundance

Ion 142.00 (141.70 to 142.70): E

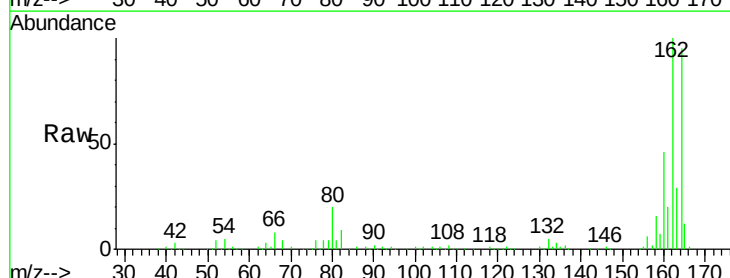
Ion 141.00 (140.70 to 141.70): E

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: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.6	38.3	57.5

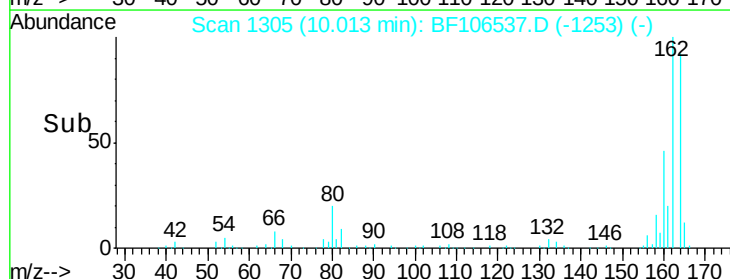
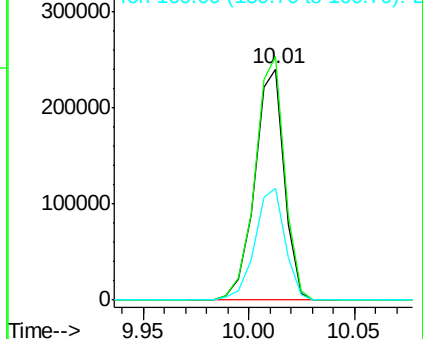


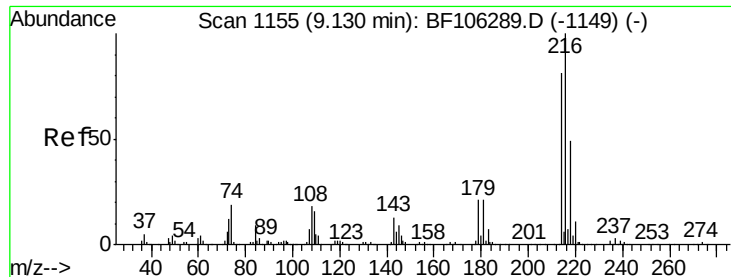
Abundance

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

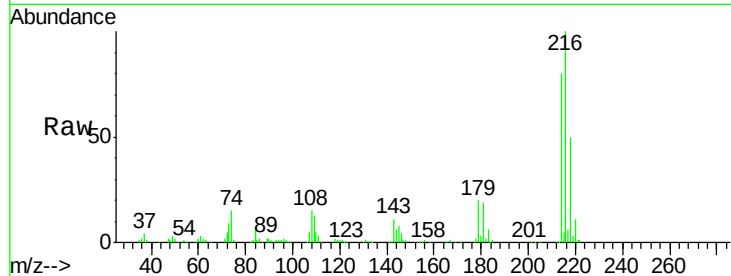




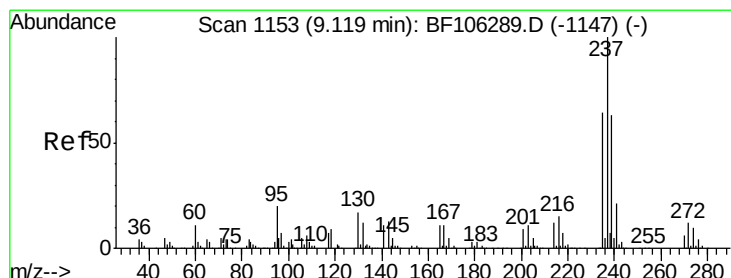
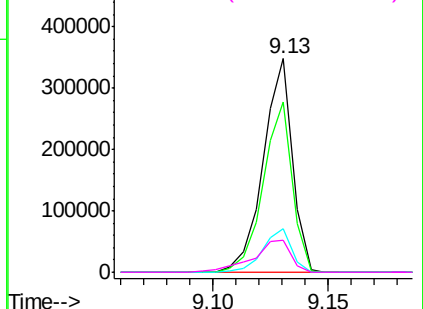
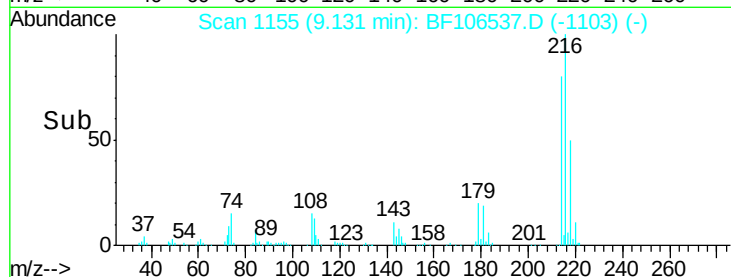
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.050 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tgt Ion:	216	Resp:	304789
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.3	18.1	27.1
108	19.6	17.2	25.8

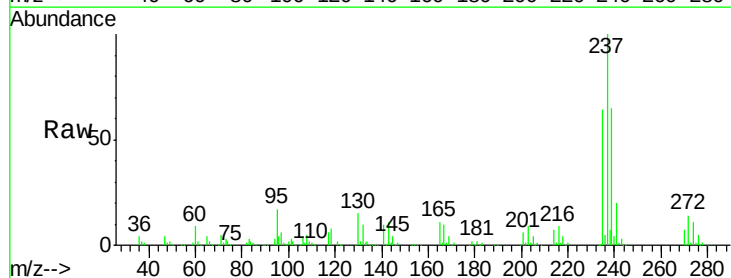


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

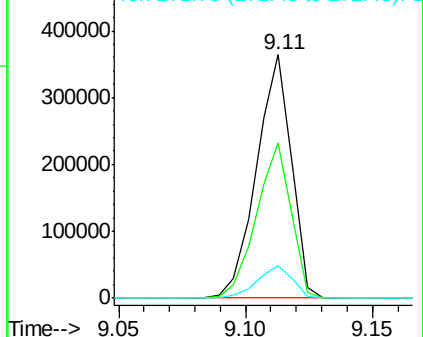
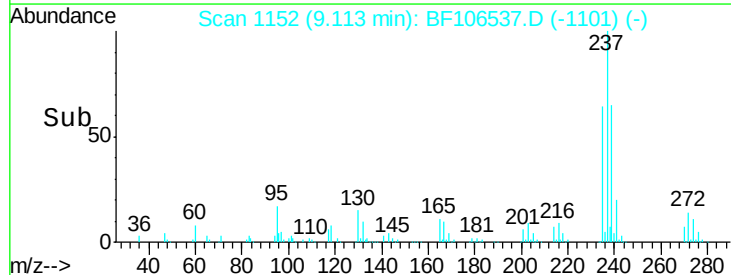


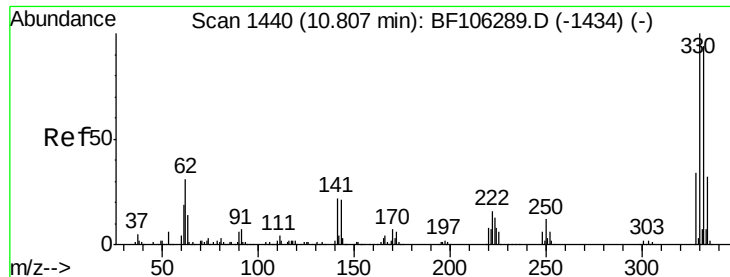
#40
 Hexachlorocyclopentadiene
 Concen: 83.114 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion:	237	Resp:	348978
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.5	0.0	33.3



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

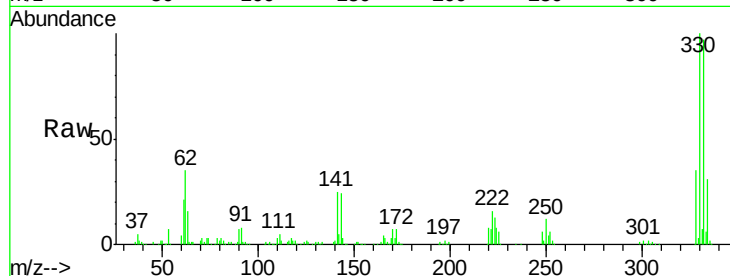




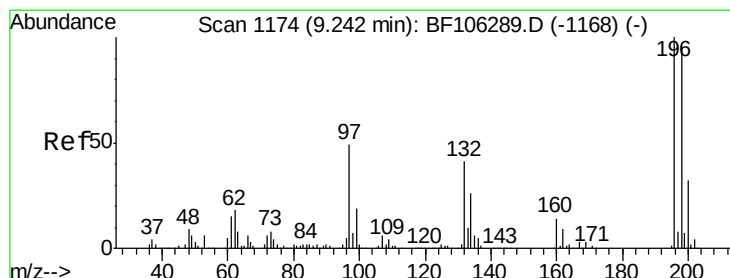
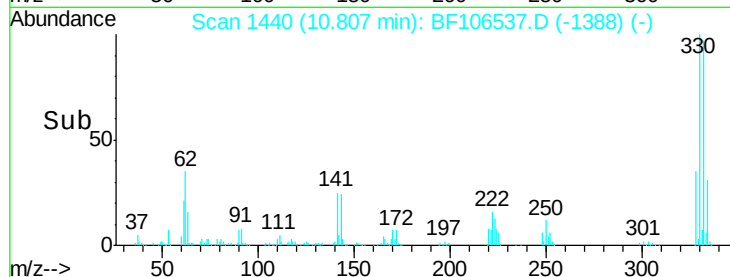
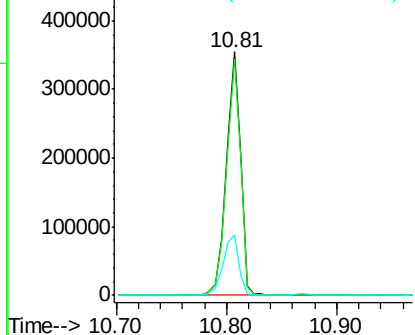
#41
 2,4,6-Tribromophenol
 Concen: 142.364 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tgt Ion:330 Resp: 321119
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.1 29.9 44.9#

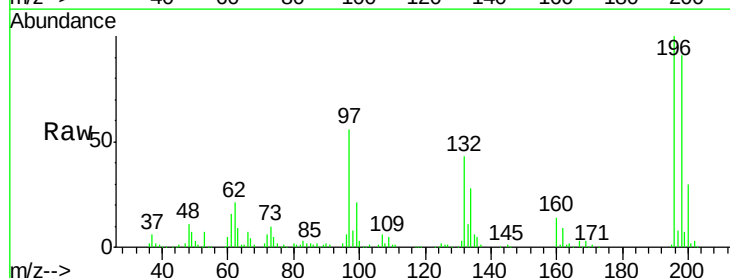


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

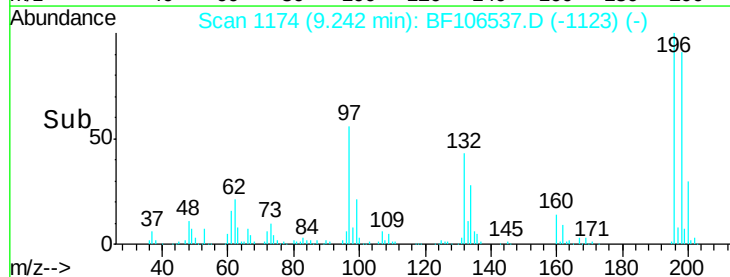
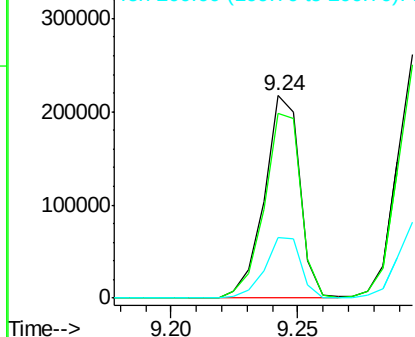


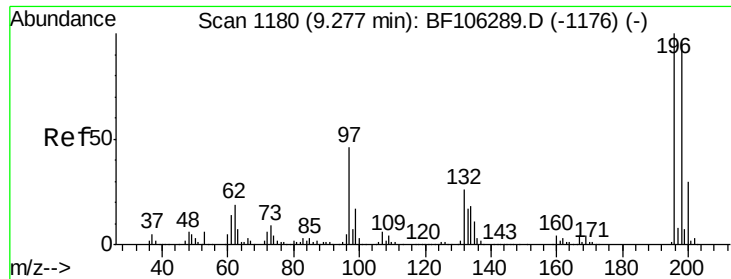
#42
 2,4,6-Trichlorophenol
 Concen: 44.113 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion:196 Resp: 213941
 Ion Ratio Lower Upper
 196 100
 198 91.1 75.7 113.5
 200 29.8 24.5 36.7



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

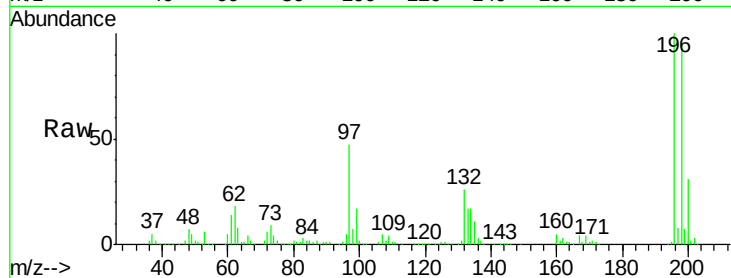




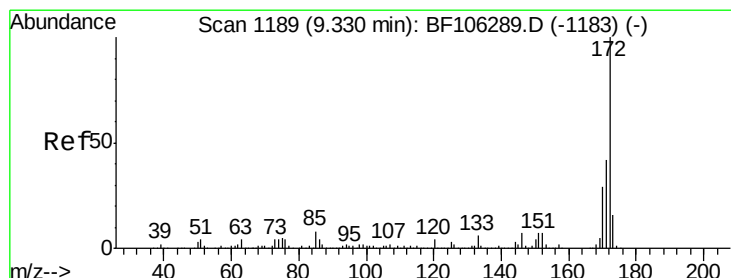
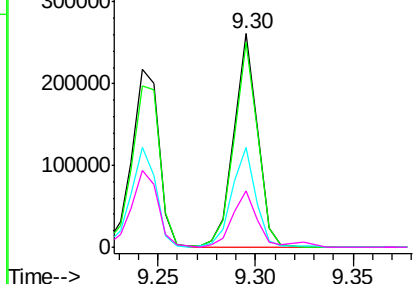
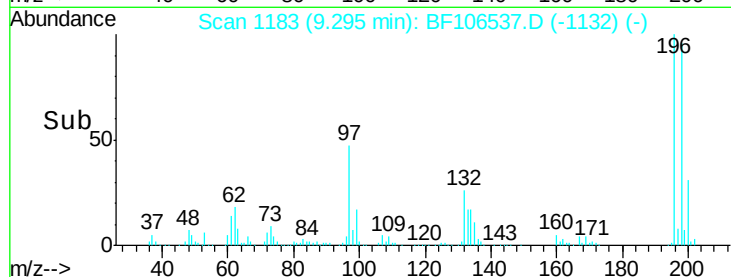
#43
 2,4,5-Trichlorophenol
 Concen: 41.991 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tgt Ion:	196	Resp:	219539
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.6	112.0
97	46.8	42.9	64.3
132	26.3	26.3	39.5#

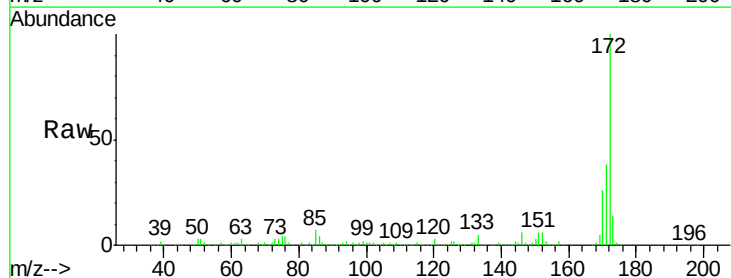


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

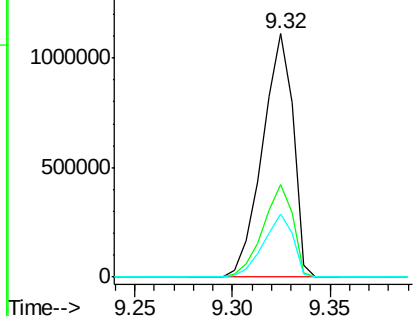
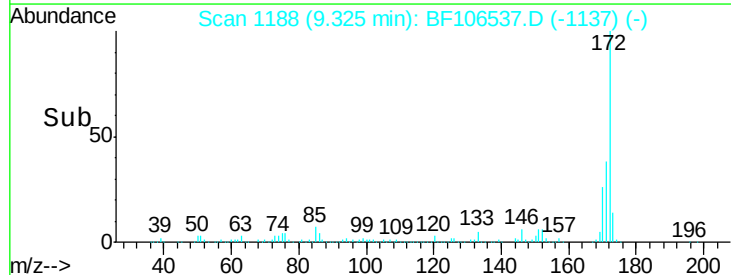


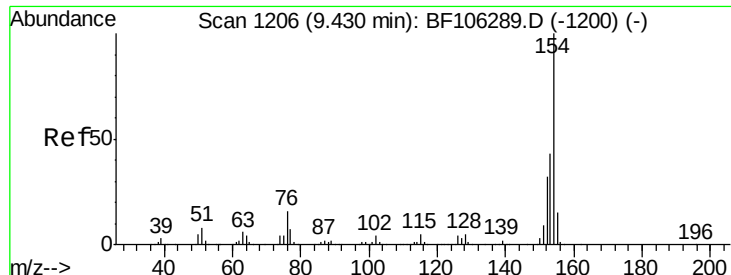
#44
 2-Fluorobiphenyl
 Concen: 95.098 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion:	172	Resp:	1209881
Ion Ratio	Lower	Upper	
172	100		
171	37.8	29.7	44.5
170	25.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

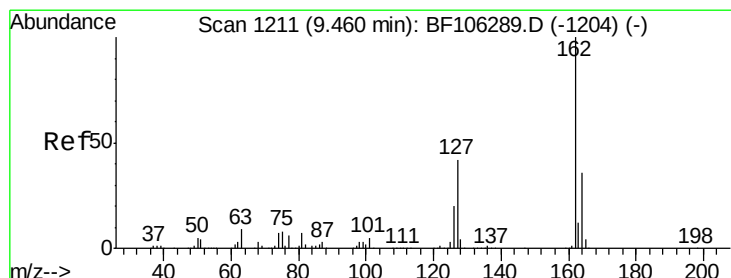
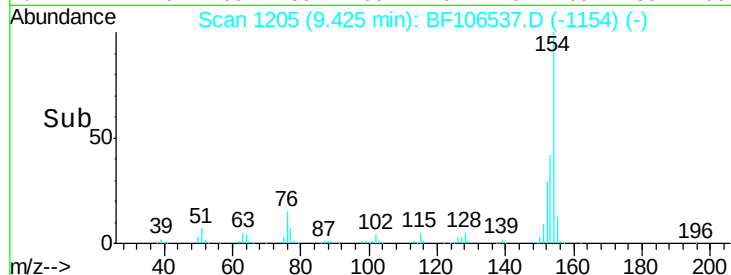
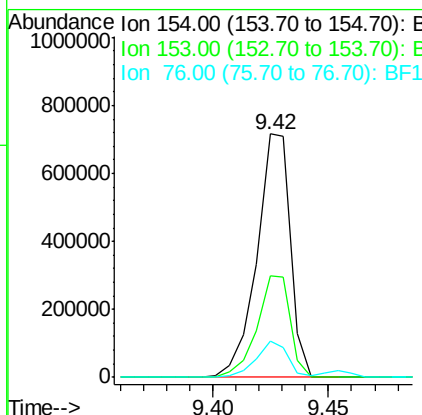
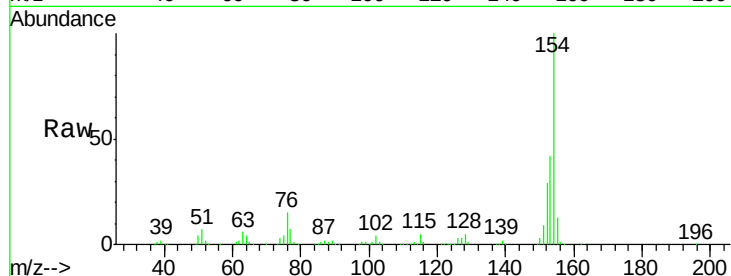




#45
 1,1'-Biphenyl
 Concen: 39.970 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

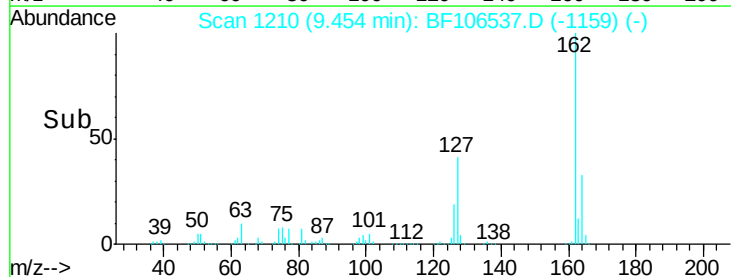
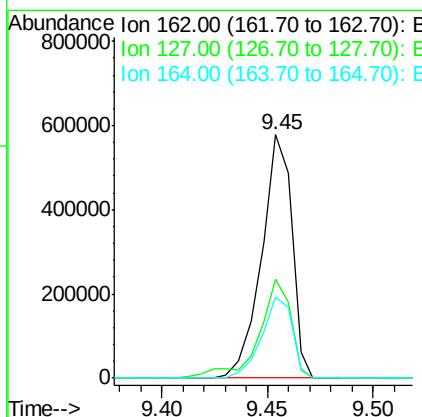
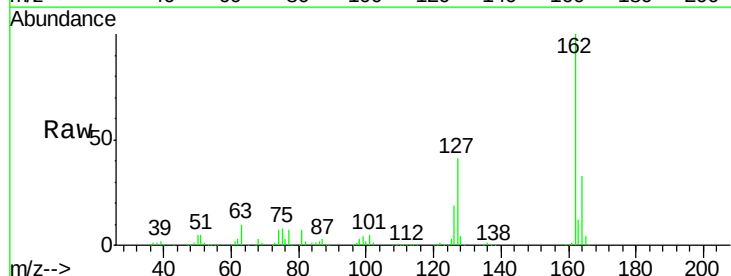
Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

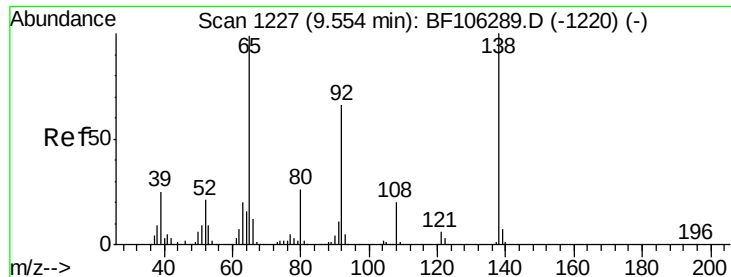
Tgt Ion:	154	Resp:	725760
Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	14.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.768 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion:	162	Resp:	577858
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	33.5	26.5	39.7

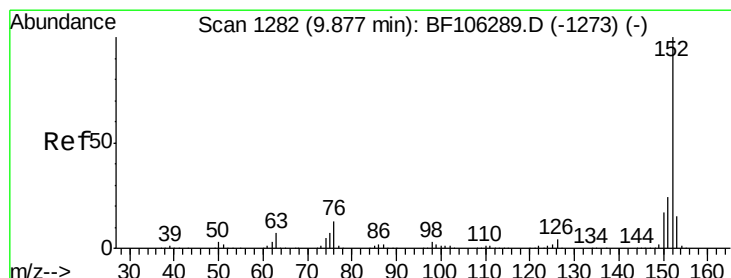
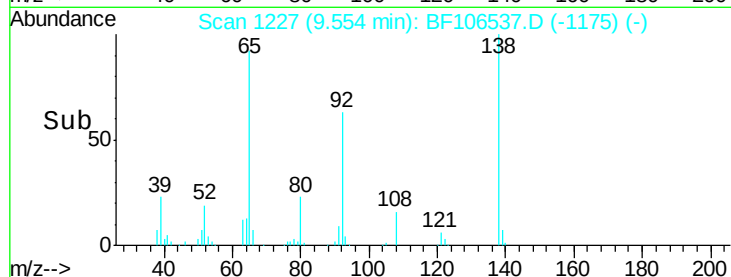
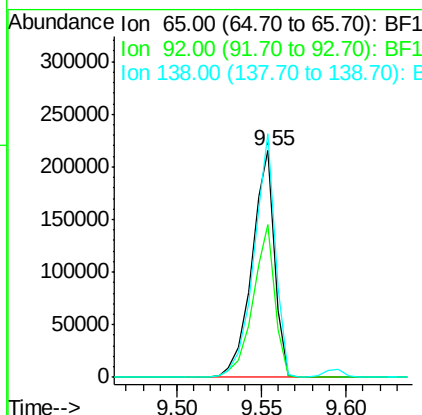
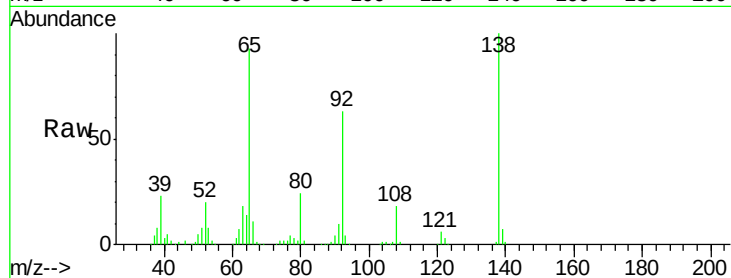




#47
2-Nitroaniline
Concen: 44.154 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

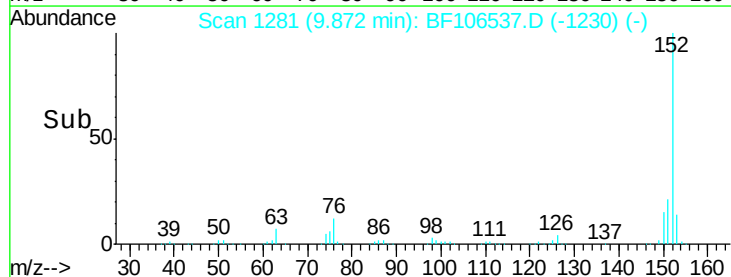
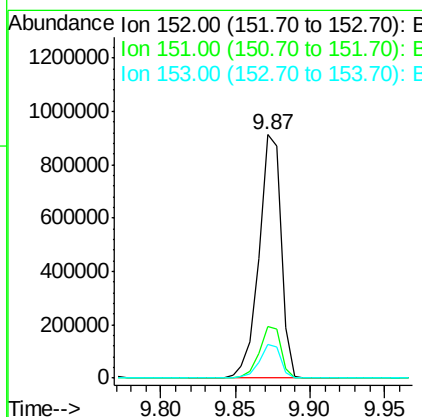
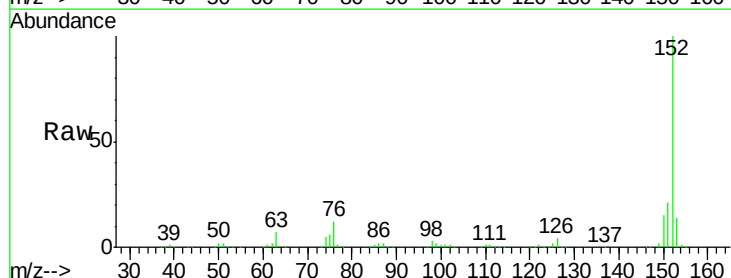
Instrument :
BNA_F
ClientSampleId :
PB110319BS

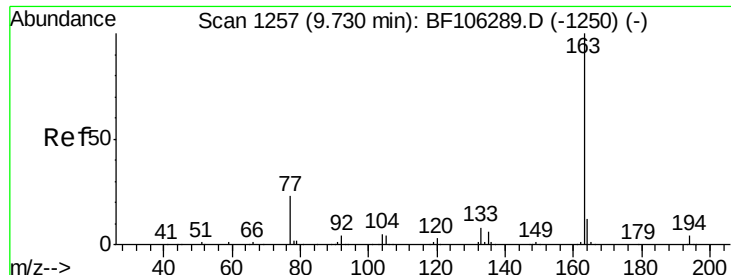
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.8	83.6
138	107.5	91.2	136.8



#48
Acenaphthylene
Concen: 41.621 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	14.0	10.7	16.1

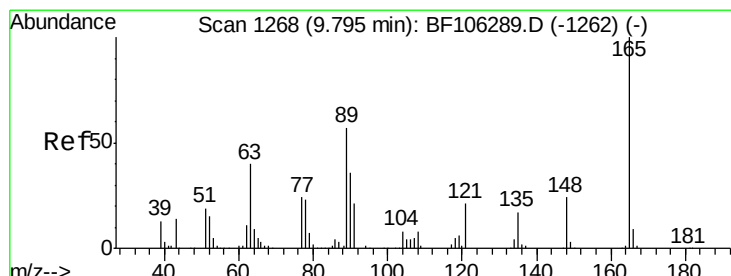
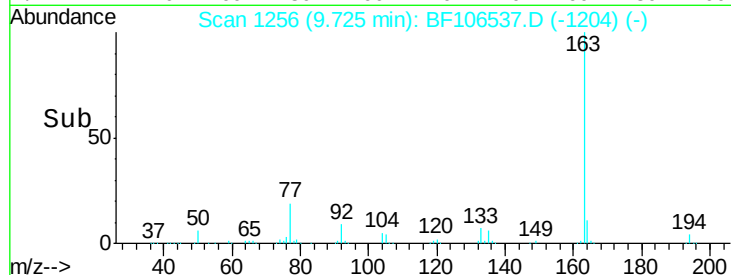
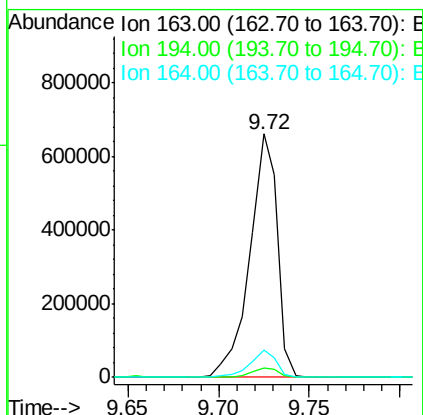
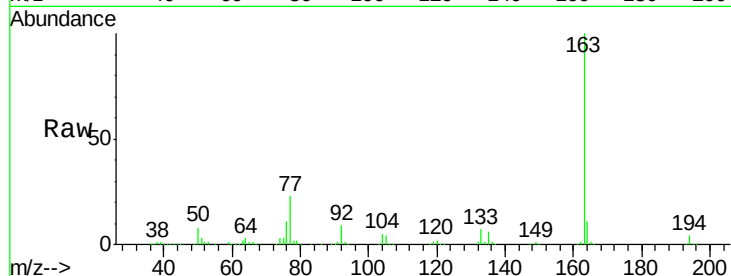




#49
Dimethylphthalate
Concen: 41.580 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

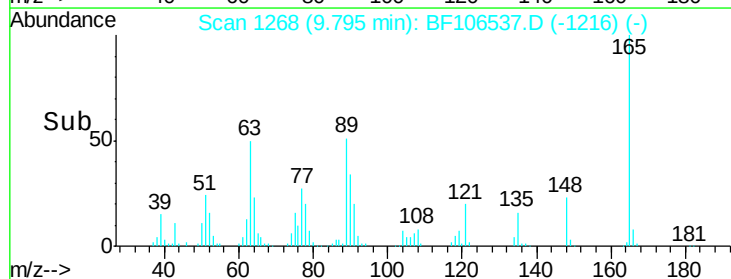
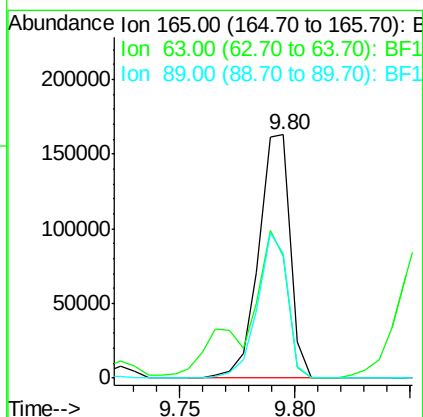
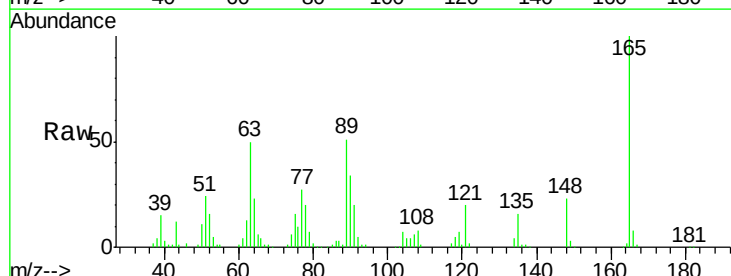
Instrument :
BNA_F
ClientSampleId :
PB110319BS

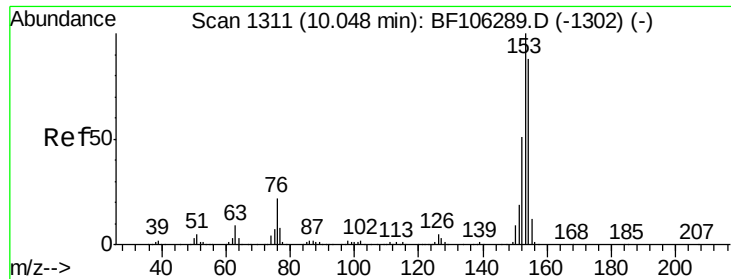
Tgt Ion:163 Resp: 696401
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.734 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:165 Resp: 156464
Ion Ratio Lower Upper
165 100
63 50.1 44.7 67.1
89 51.0 44.0 66.0





#51

Acenaphthene

Concen: 36.581 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

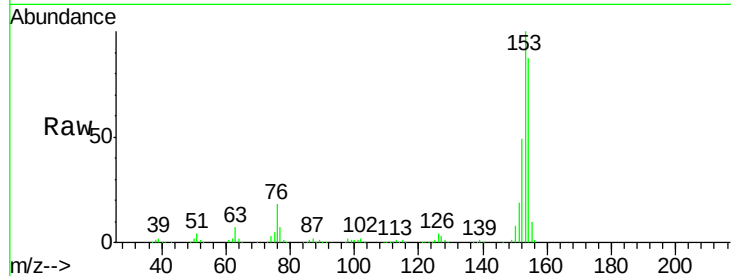
Tgt Ion:154 Resp: 525435

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

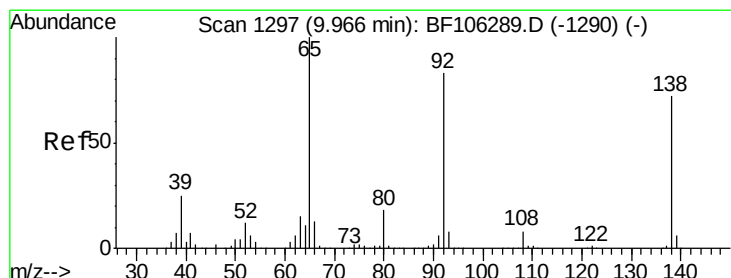
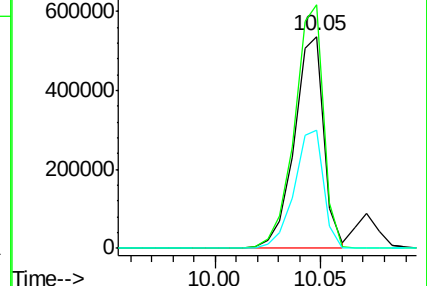
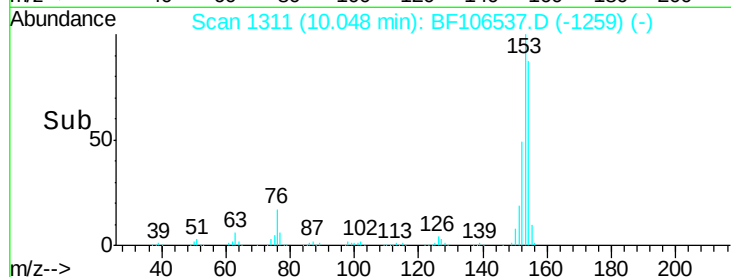
152 55.7 43.8 65.8



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: 17.578 ng

RT: 9.96 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

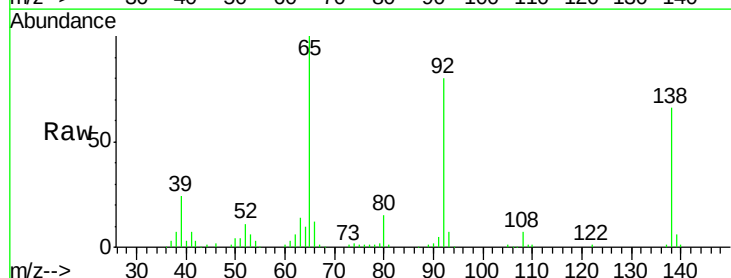
Tgt Ion:138 Resp: 71377

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

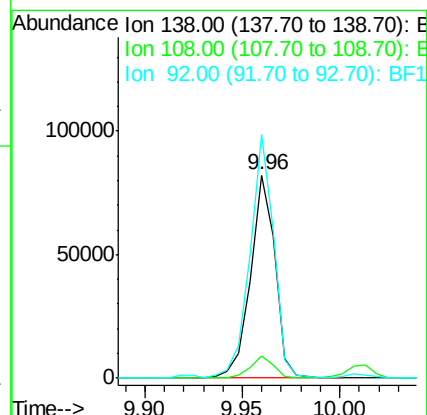
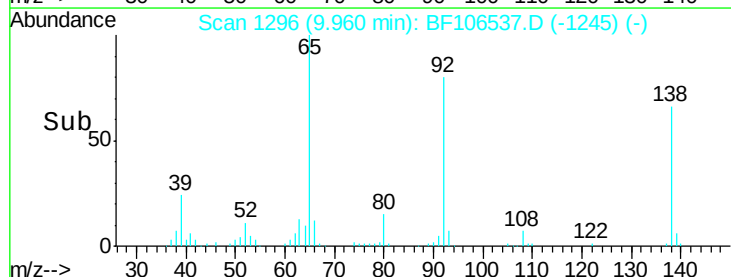
92 119.9 89.4 134.2

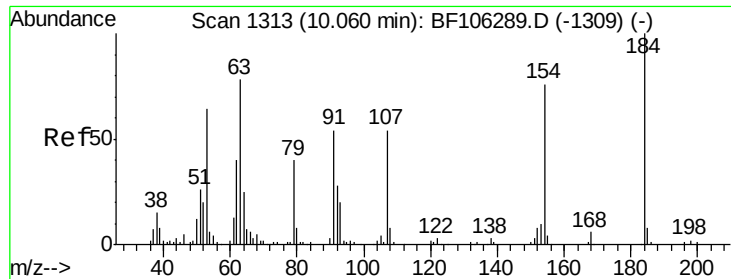


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

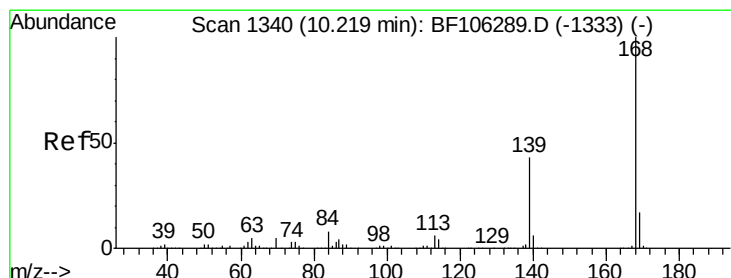
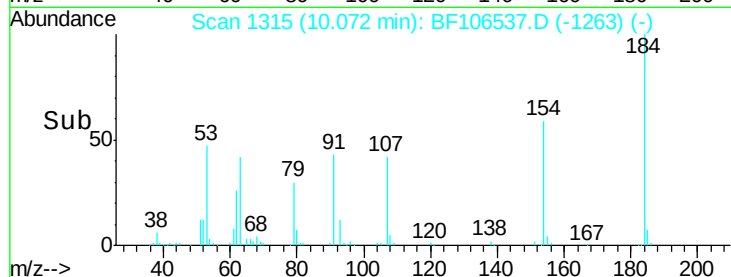
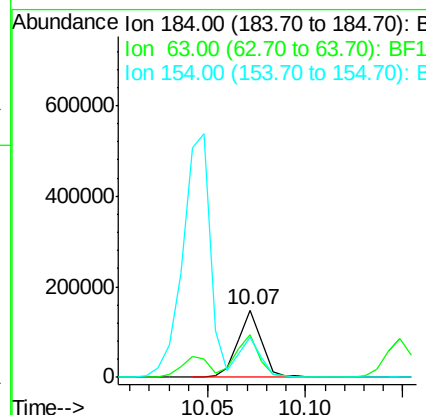
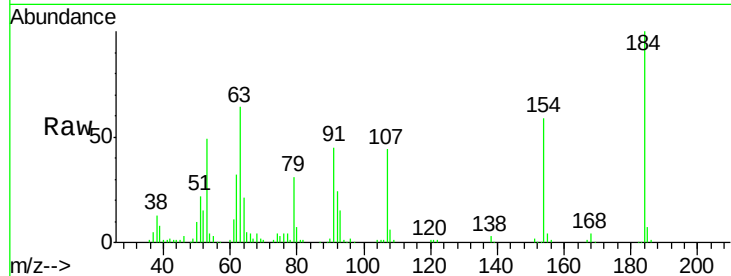




#53
2,4-Dinitrophenol
Concen: 80.265 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

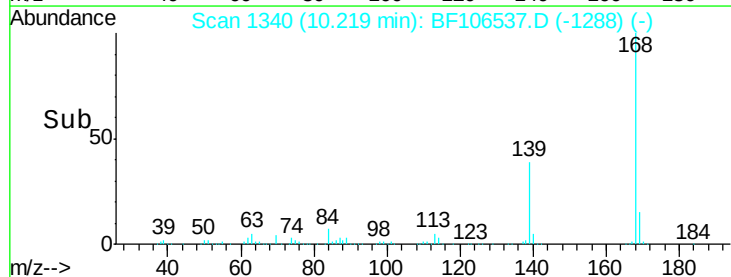
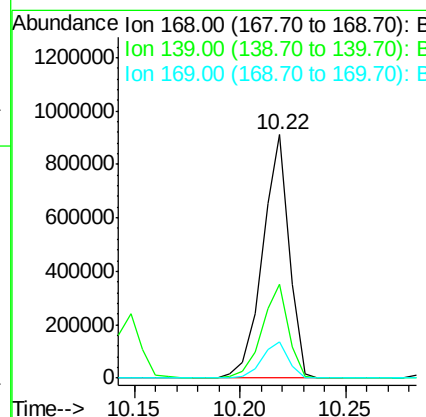
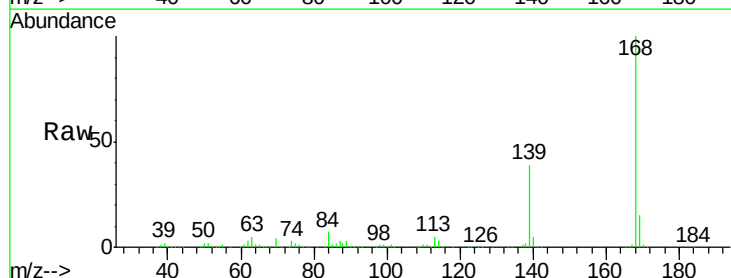
Instrument :
BNA_F
ClientSampleId :
PB110319BS

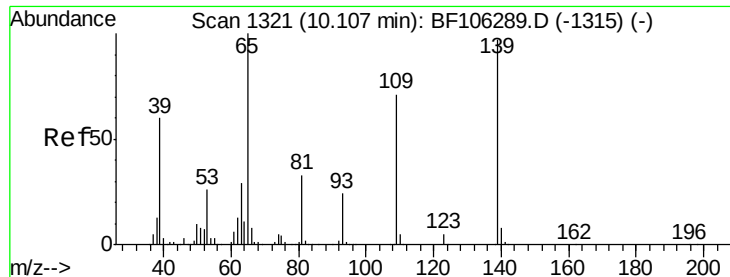
Tgt Ion:184 Resp: 126127
Ion Ratio Lower Upper
184 100
63 63.6 54.2 81.2
154 59.0 184.0 276.0#



#54
Dibenzofuran
Concen: 41.088 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:168 Resp: 794719
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 15.0 10.9 16.3

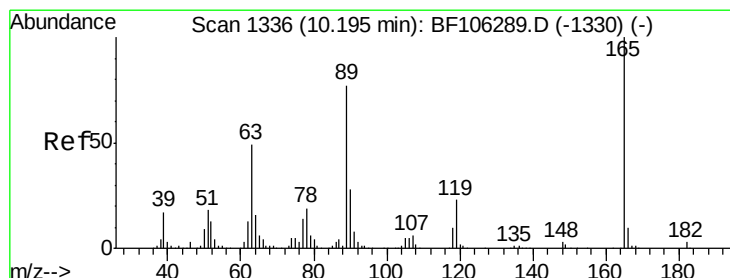
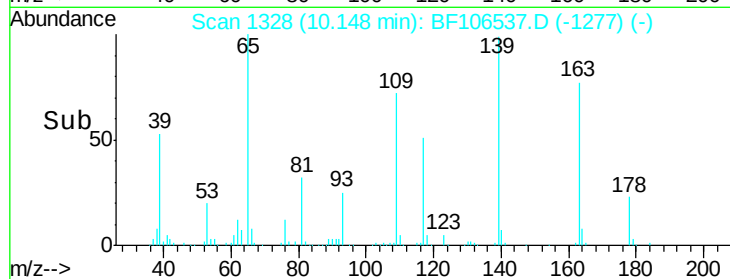
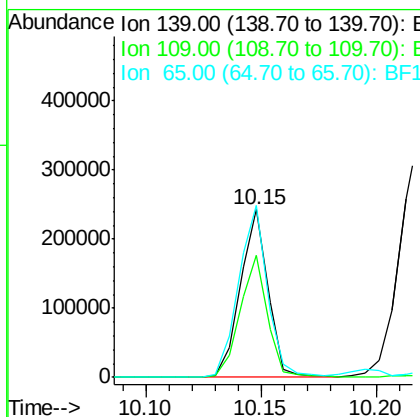
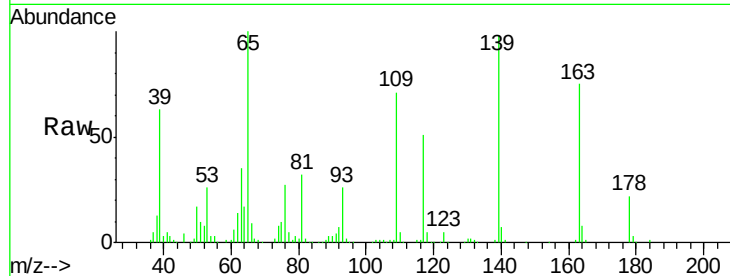




#55
4-Nitrophenol
Concen: 65.909 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

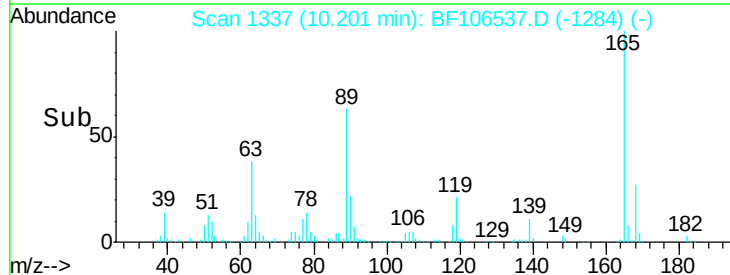
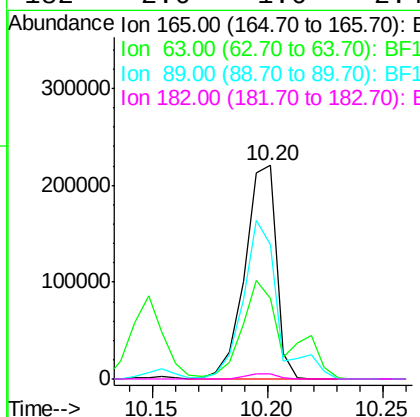
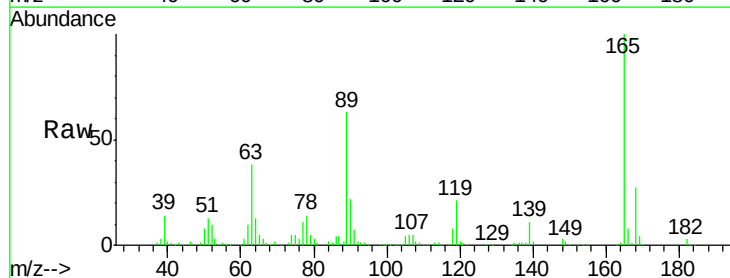
Instrument :
BNA_F
ClientSampleId :
PB110319BS

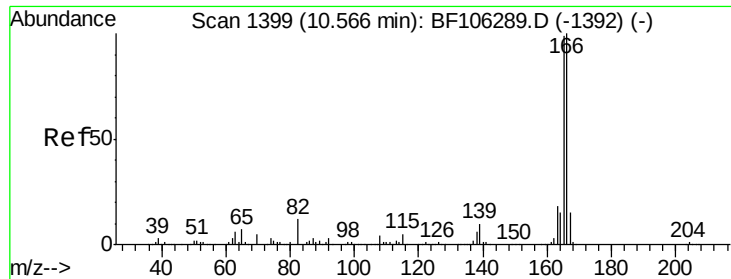
Tgt Ion:139 Resp: 205134
Ion Ratio Lower Upper
139 100
109 72.4 48.4 88.4
65 102.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.136 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:165 Resp: 211097
Ion Ratio Lower Upper
165 100
63 37.9 36.4 54.6
89 62.7 57.8 86.6
182 2.6 1.6 2.4#

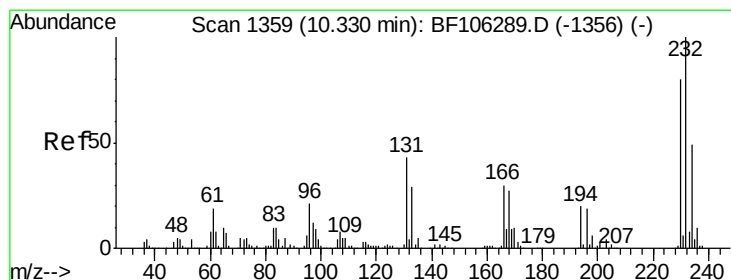
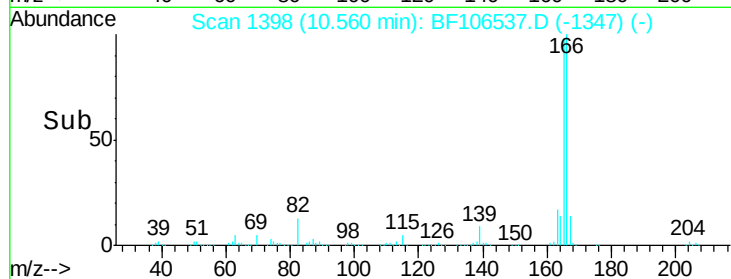
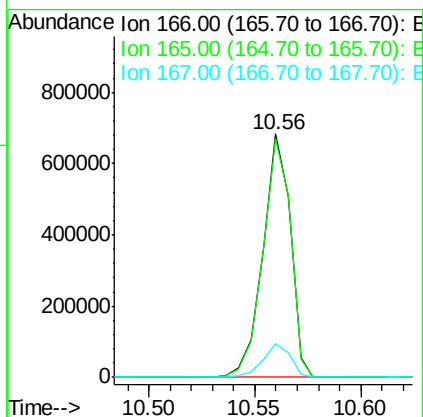
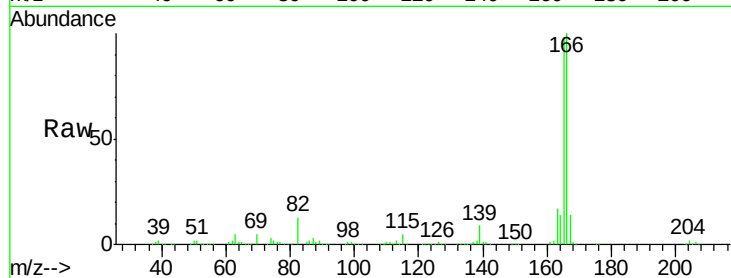




#57
 Fluorene
 Concen: 40.439 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

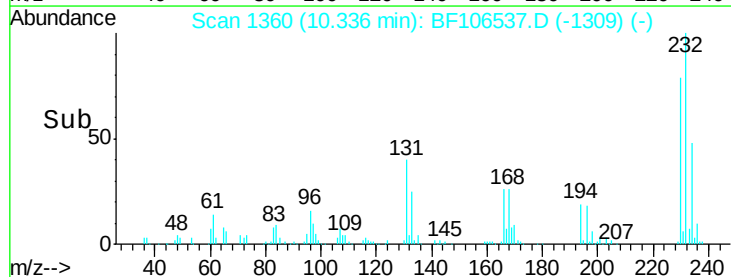
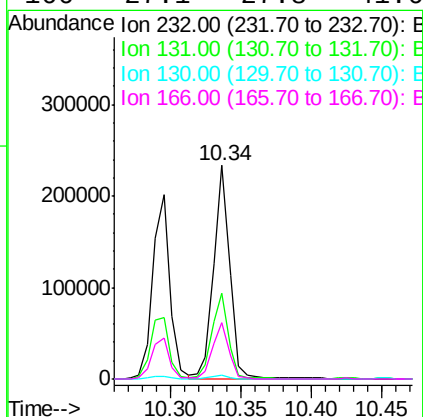
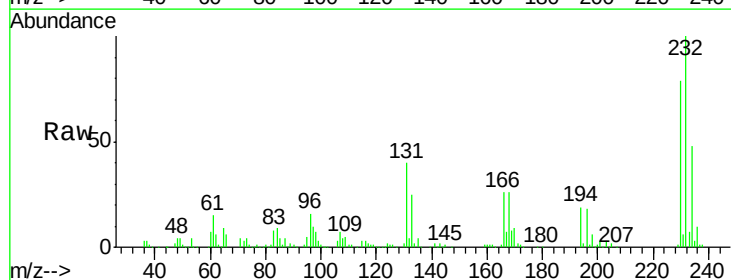
Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

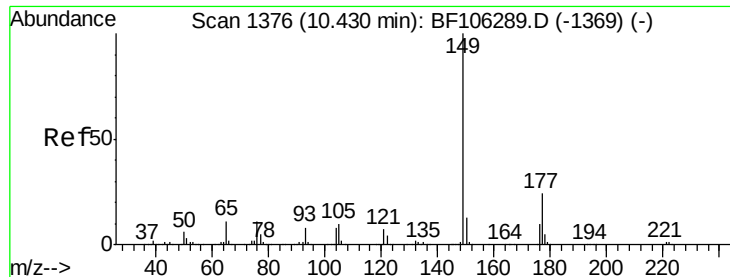
Tgt Ion:166 Resp: 619714
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.855 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion:232 Resp: 185873
 Ion Ratio Lower Upper
 232 100
 131 40.2 43.8 65.8#
 130 1.9 2.1 3.1#
 166 27.1 27.8 41.6#

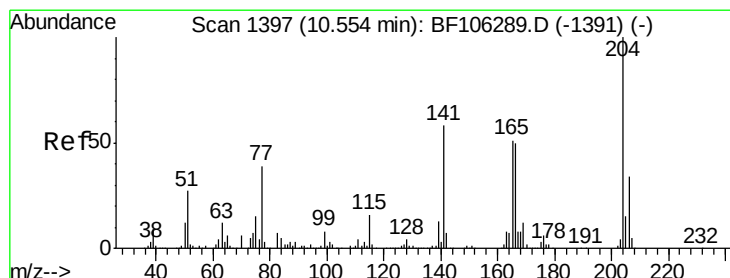
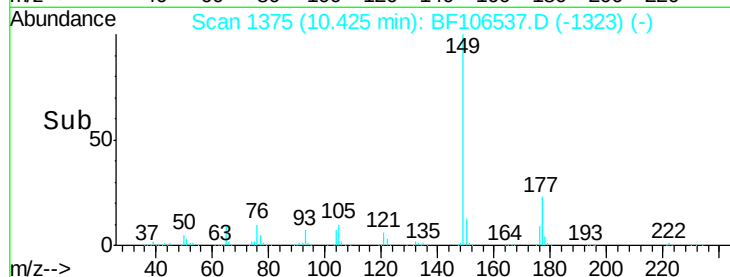
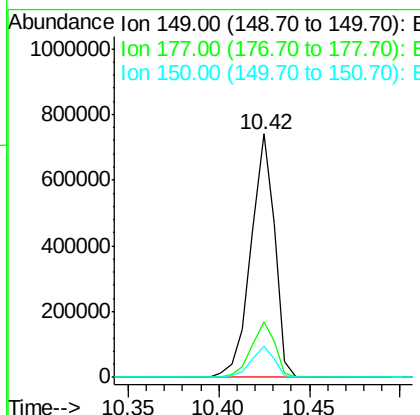
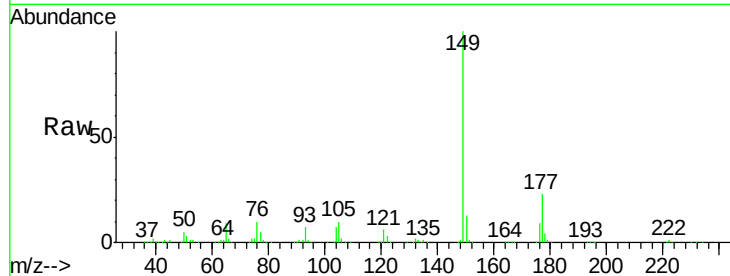




#59
Diethylphthalate
Concen: 40.462 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

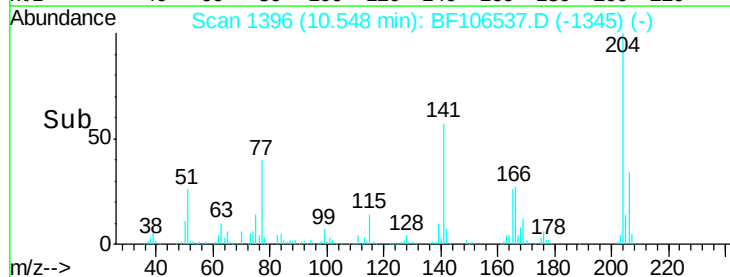
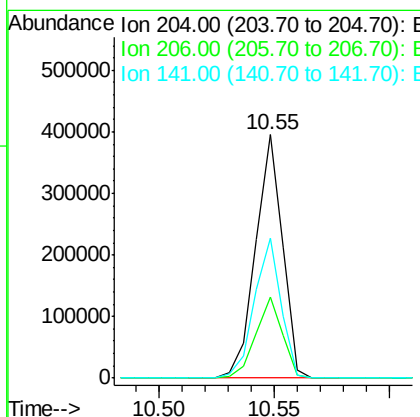
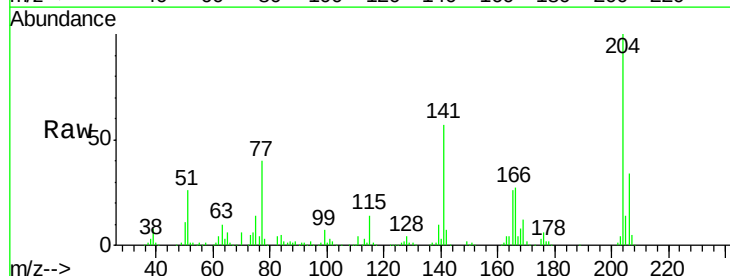
Instrument :
BNA_F
ClientSampleId :
PB110319BS

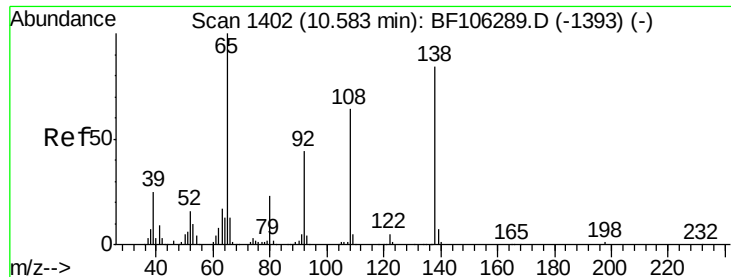
Tgt Ion:149 Resp: 672631
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.131 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:204 Resp: 323465
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 57.3 54.6 81.8

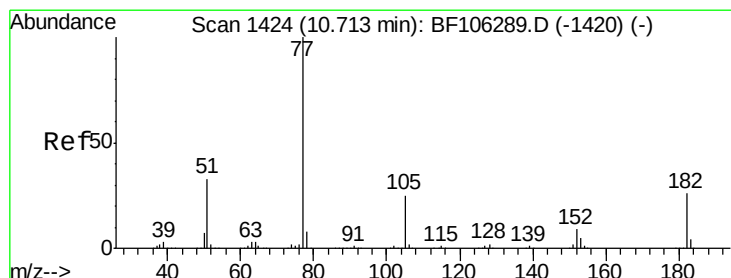
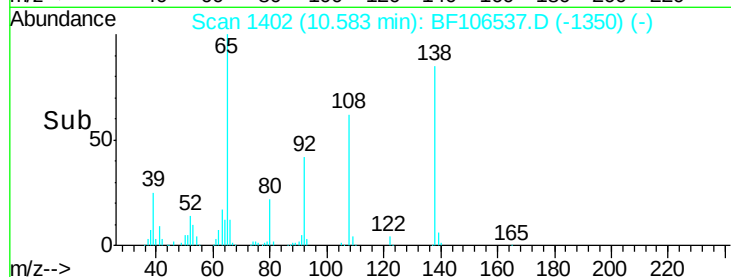
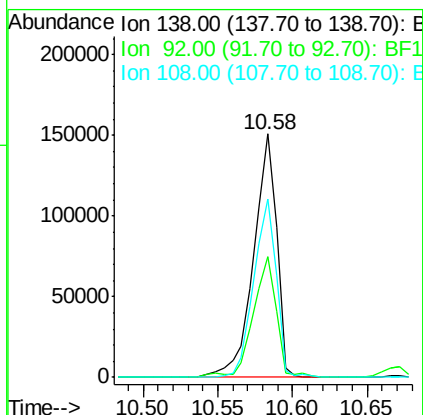
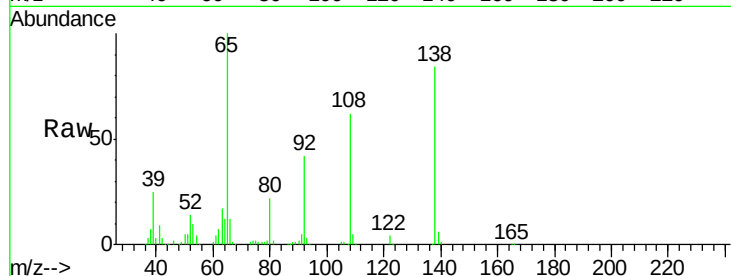




#61
4-Nitroaniline
Concen: 40.446 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

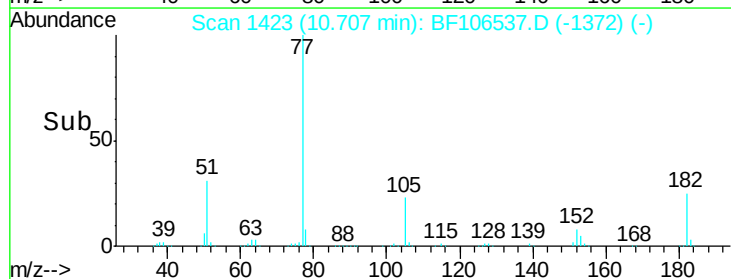
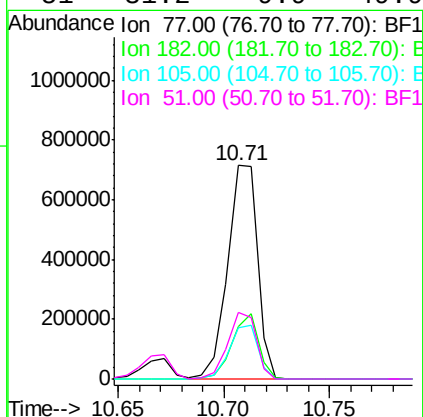
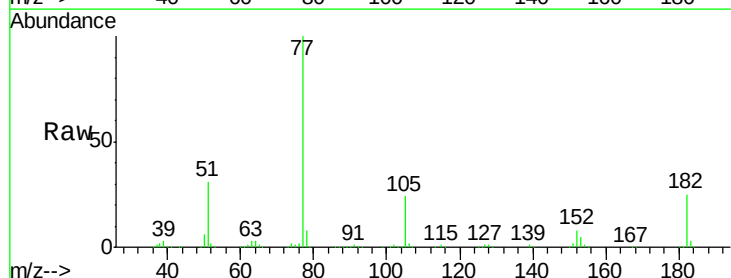
Instrument :
BNA_F
ClientSampleId :
PB110319BS

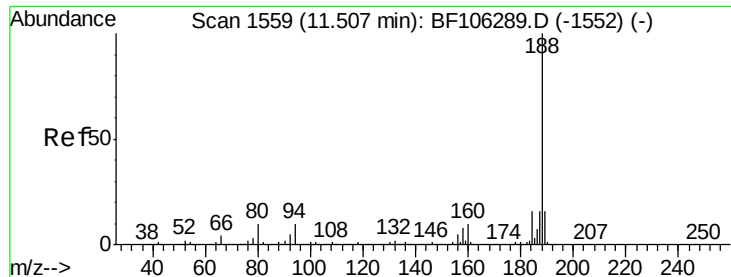
Tgt Ion:138 Resp: 159787
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 73.4 52.5 92.5



#62
Azobenzene
Concen: 40.198 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion: 77 Resp: 696806
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 23.8 3.0 43.0
51 31.2 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: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

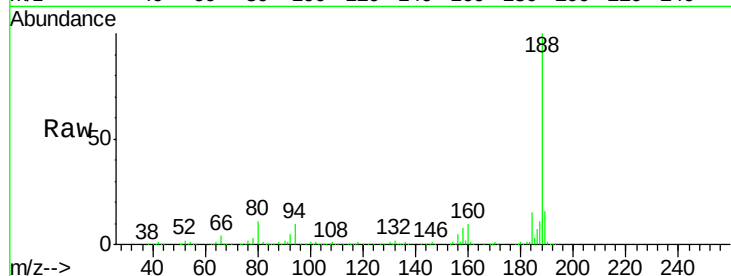
Tgt Ion:188 Resp: 464507

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

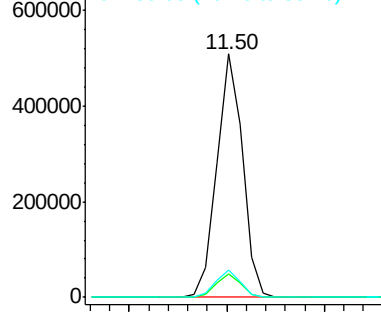
80 11.0 9.2 13.8



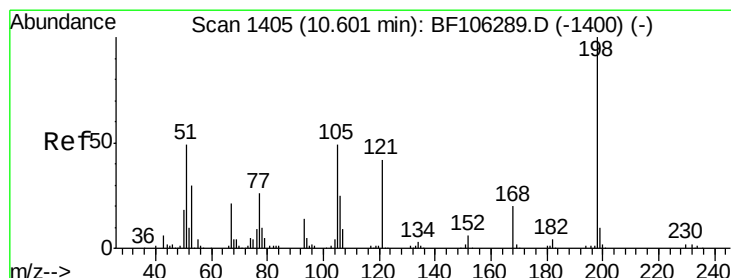
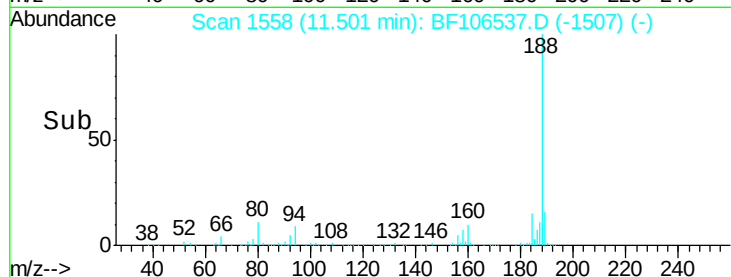
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.205 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

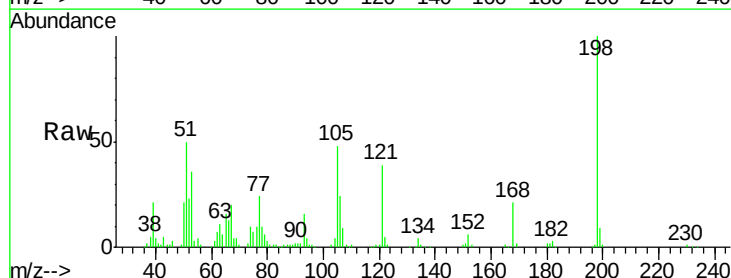
Tgt Ion:198 Resp: 103564

Ion Ratio Lower Upper

198 100

51 50.4 37.7 77.7

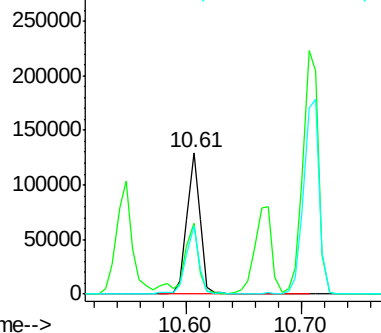
105 48.3 36.3 76.3



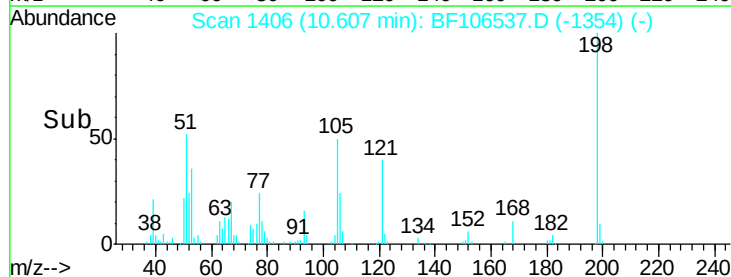
Abundance Ion 198.00 (197.70 to 198.70): E

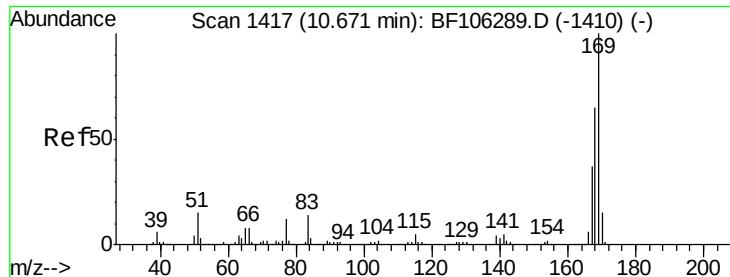
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.038 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

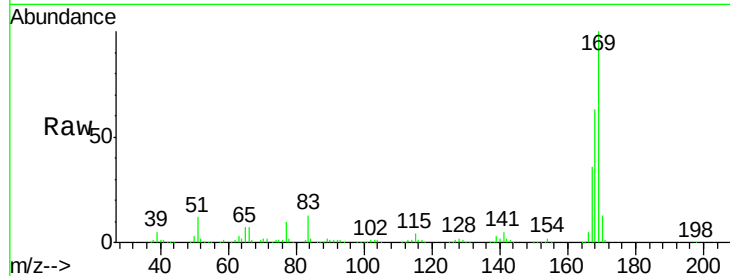
Tgt Ion:169 Resp: 593826

Ion Ratio Lower Upper

169 100

168 63.0 54.4 81.6

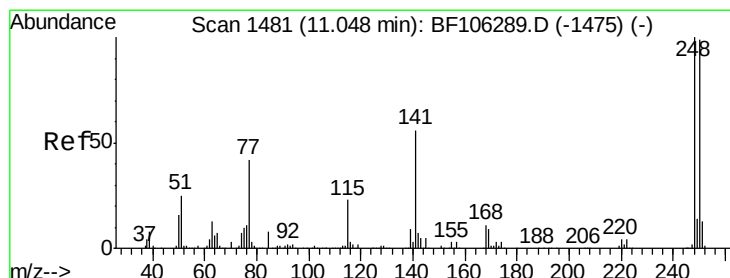
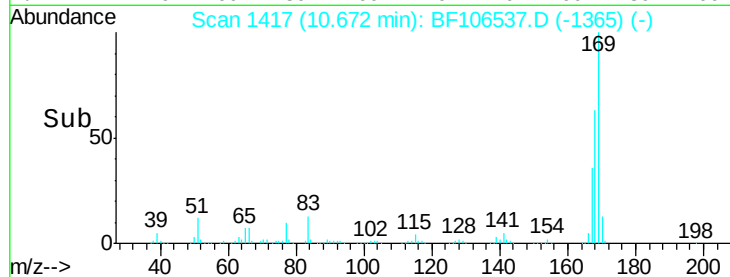
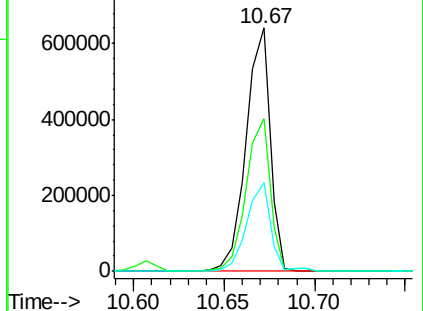
167 36.3 29.8 44.6



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: 42.795 ng

RT: 11.04 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

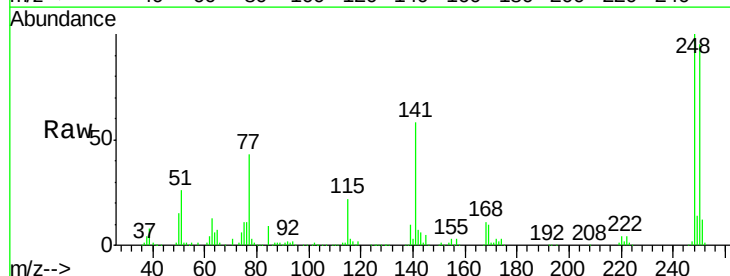
Tgt Ion:248 Resp: 226093

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

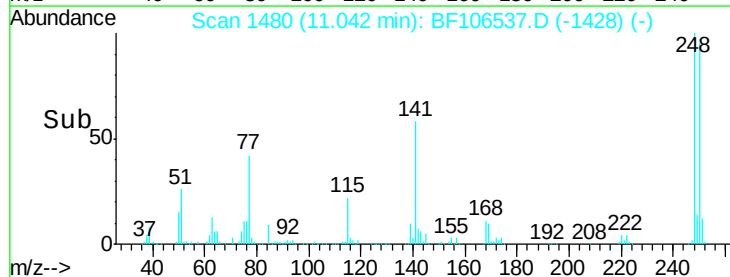
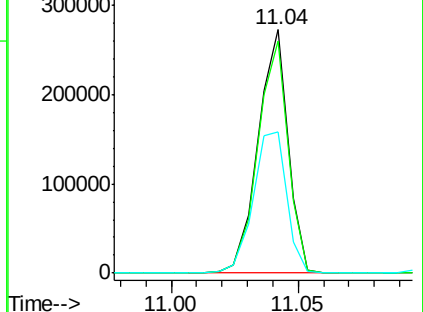
141 57.9 74.4 111.6#

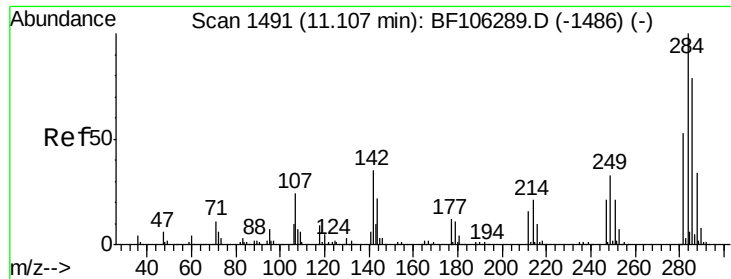


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

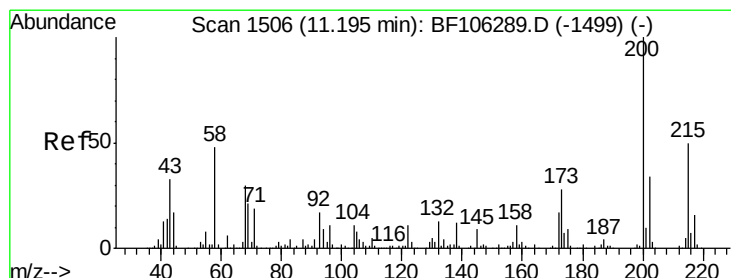
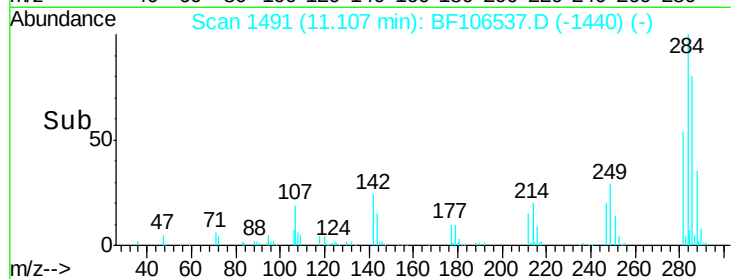
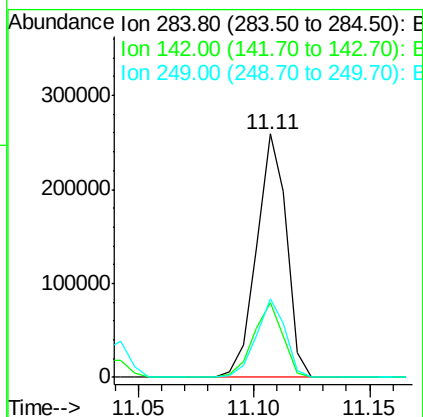
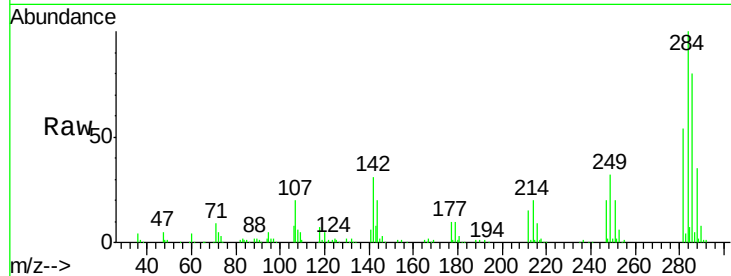




#67
Hexachlorobenzene
Concen: 42.831 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

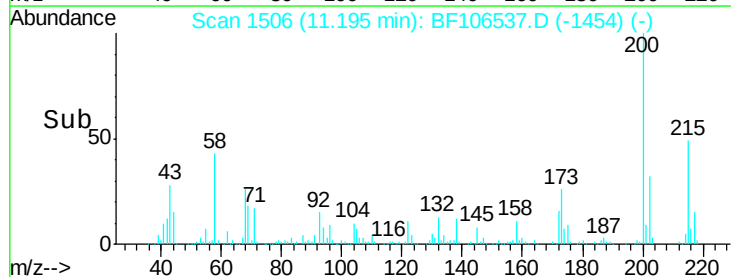
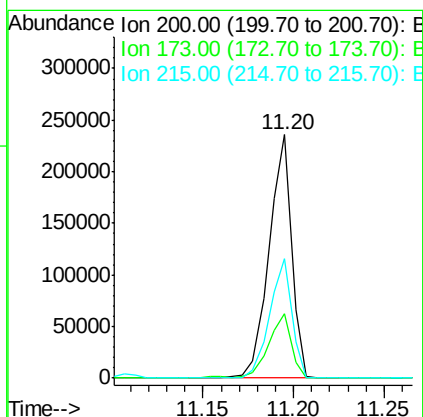
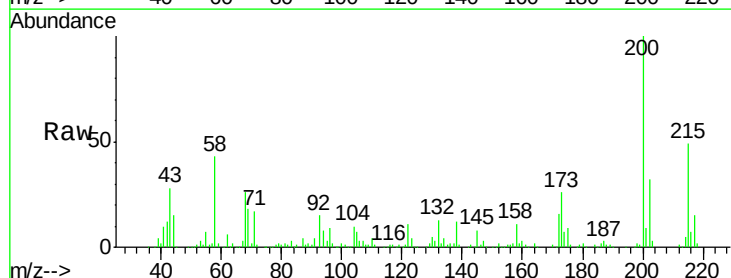
Instrument :
BNA_F
ClientSampleId :
PB110319BS

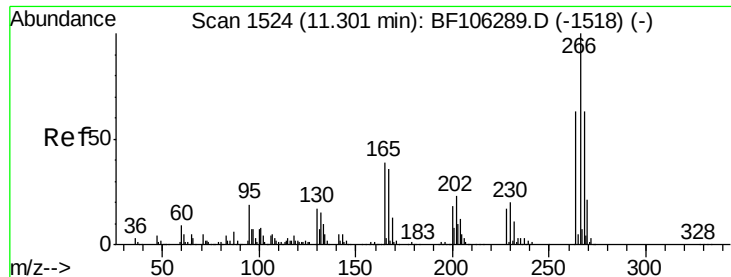
Tgt Ion: 284 Resp: 233290
Ion Ratio Lower Upper
284 100
142 30.8 34.6 52.0#
249 32.1 24.8 37.2



#68
Atrazine
Concen: 42.420 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion: 200 Resp: 204082
Ion Ratio Lower Upper
200 100
173 26.4 8.6 48.6
215 49.1 25.1 65.1





#69

Pentachlorophenol

Concen: 57.577 ng

RT: 11.31 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

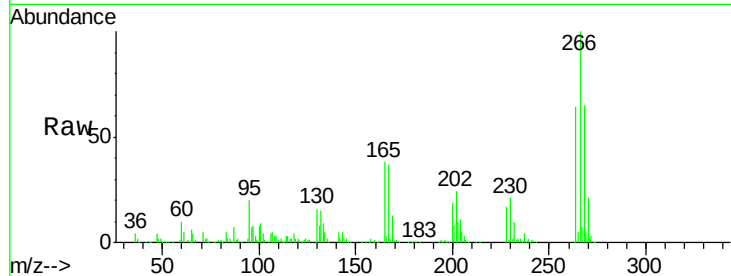
Tgt Ion:266 Resp: 193077

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

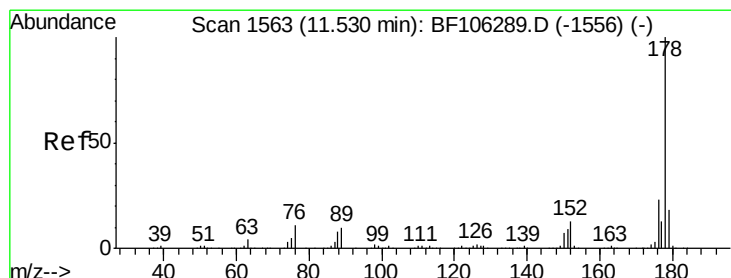
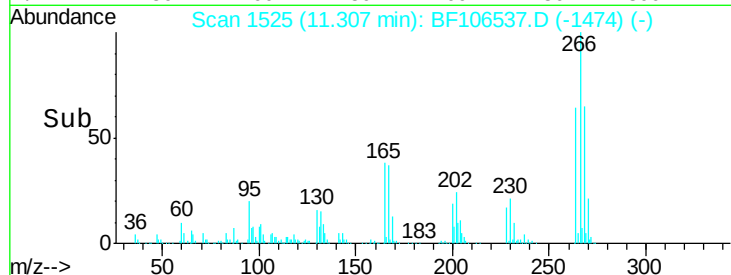
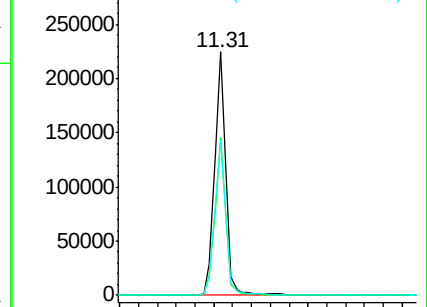
264 63.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.215 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

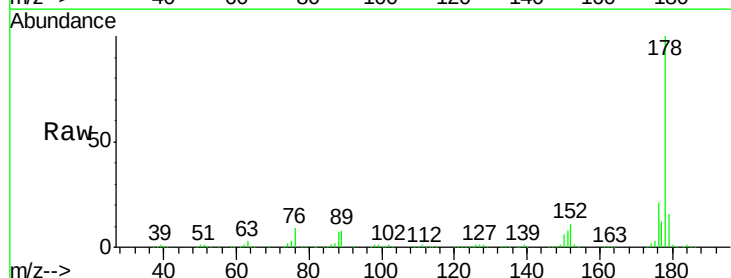
Tgt Ion:178 Resp: 914846

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

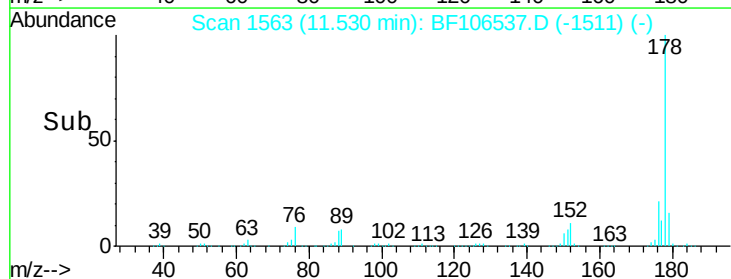
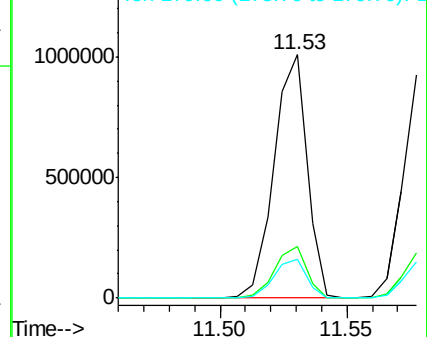
179 16.0 13.0 19.6

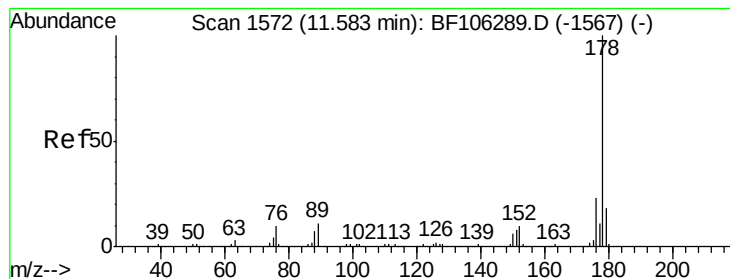


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.409 ng

RT: 11.58 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

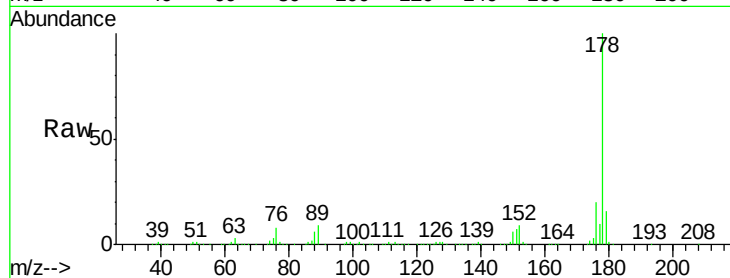
Tgt Ion:178 Resp: 943713

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

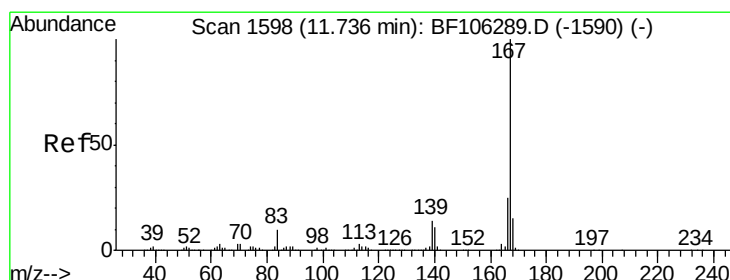
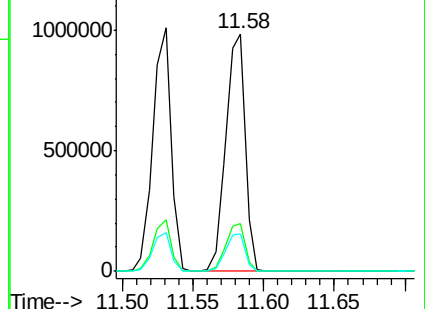
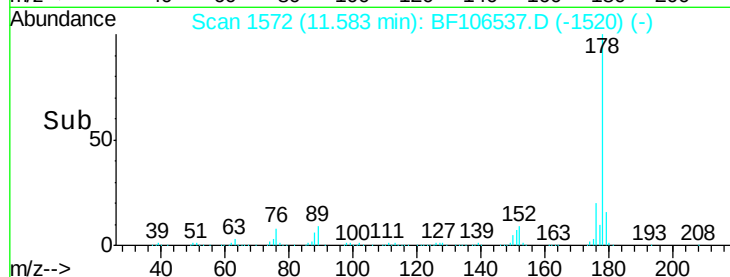
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.315 ng

RT: 11.74 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

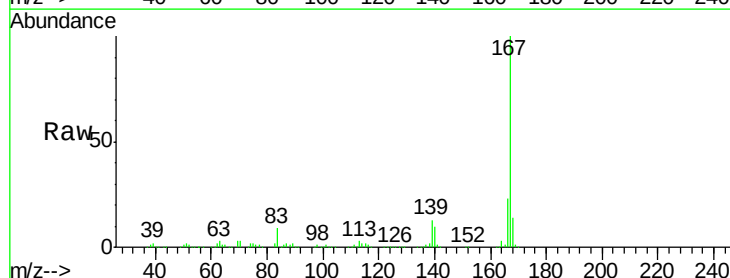
Tgt Ion:167 Resp: 827184

Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

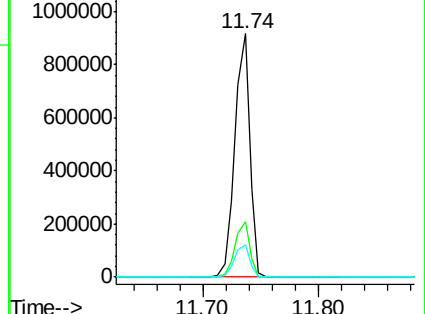
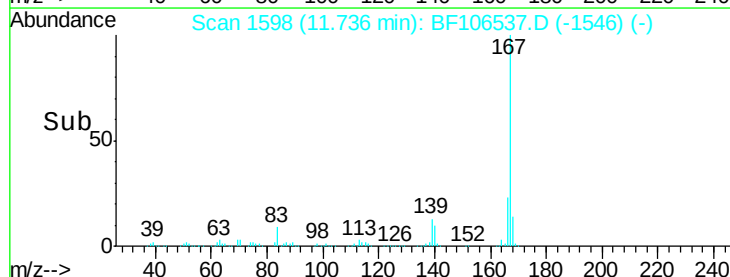
139 13.4 10.9 16.3

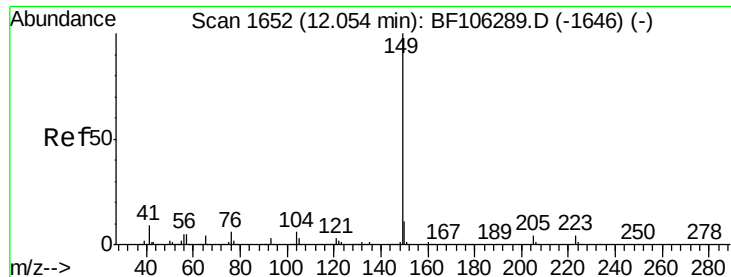


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.091 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

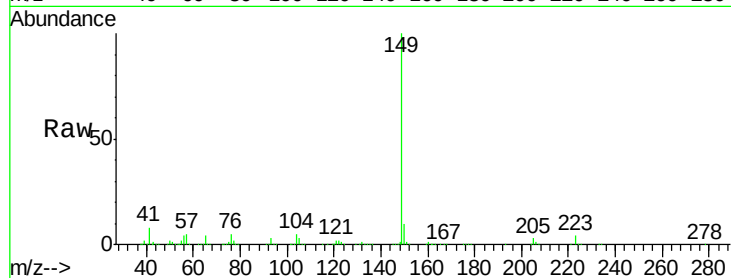
Tgt Ion:149 Resp: 1009049

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

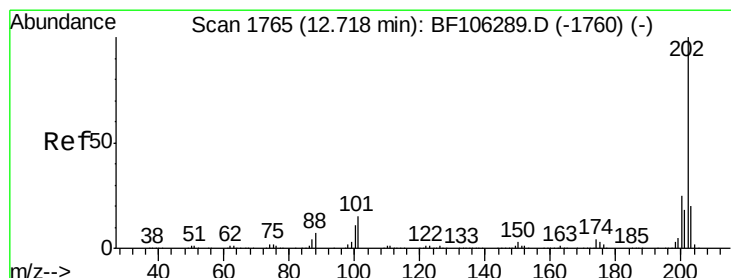
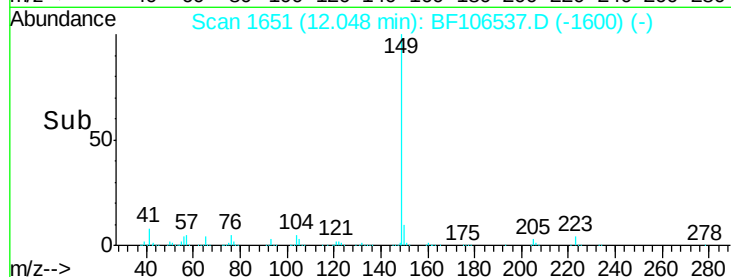
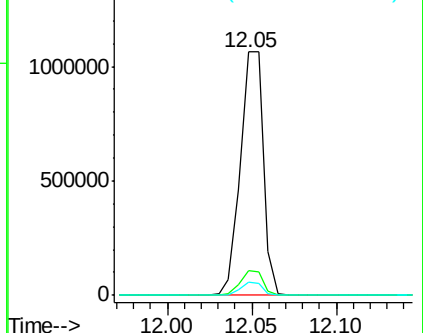
104 5.3 3.8 5.8



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: 41.274 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

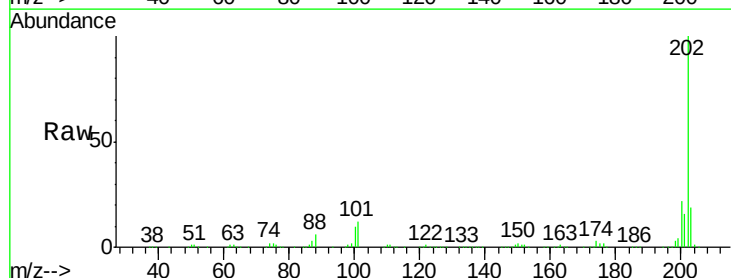
Tgt Ion:202 Resp: 1001328

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

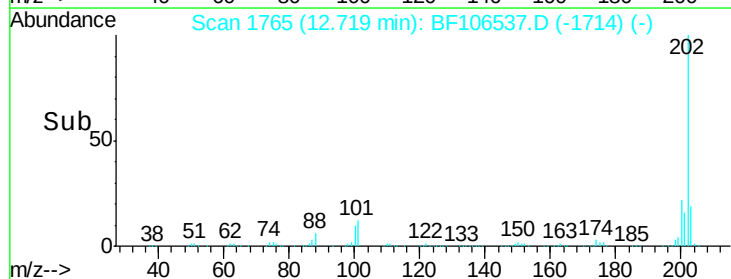
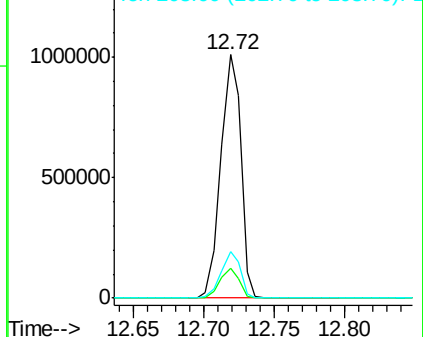
203 18.8 0.0 38.1

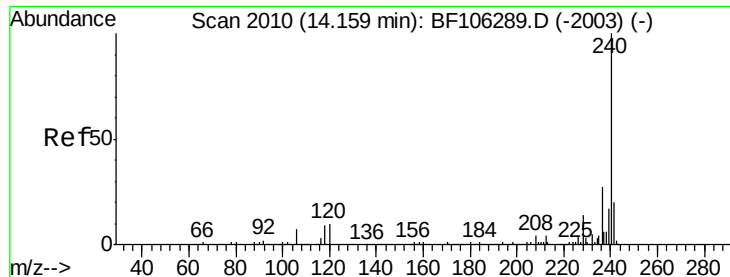


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

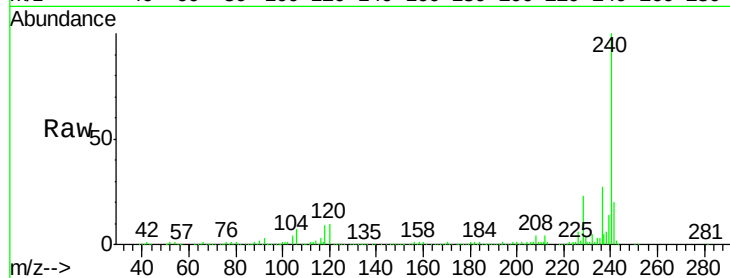
Tgt Ion:240 Resp: 351433

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

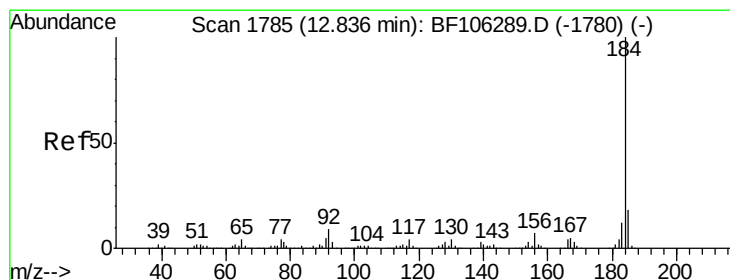
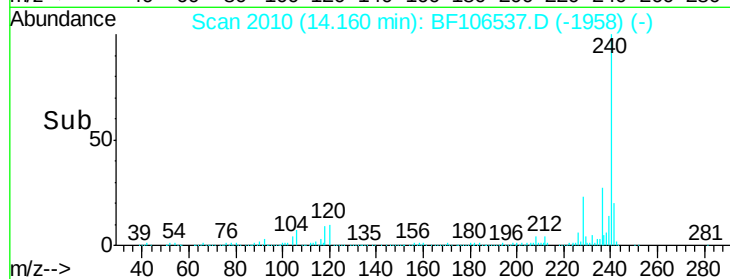
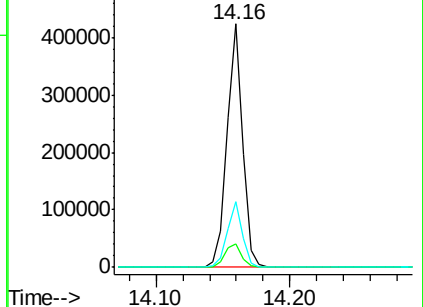
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.717 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

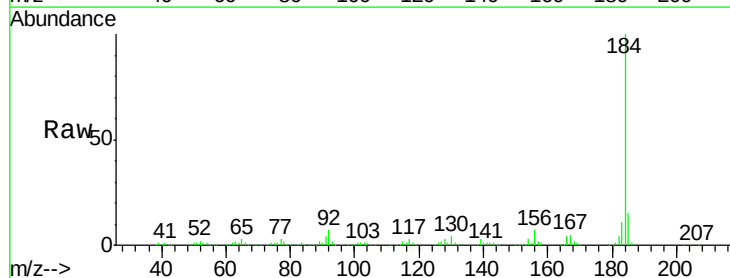
Tgt Ion:184 Resp: 265704

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

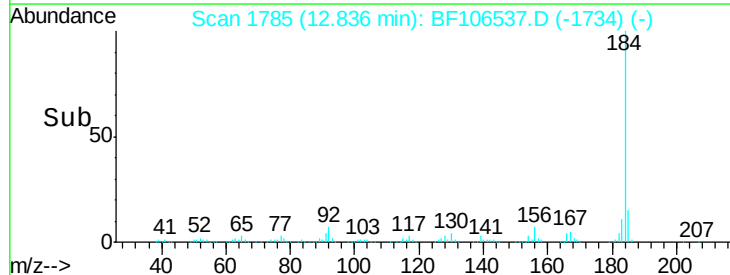
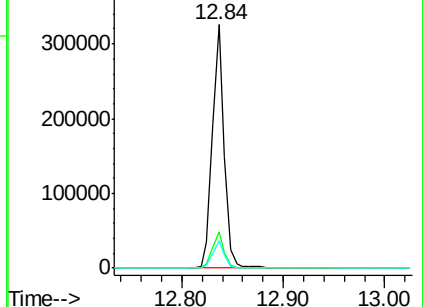
183 11.4 9.3 13.9

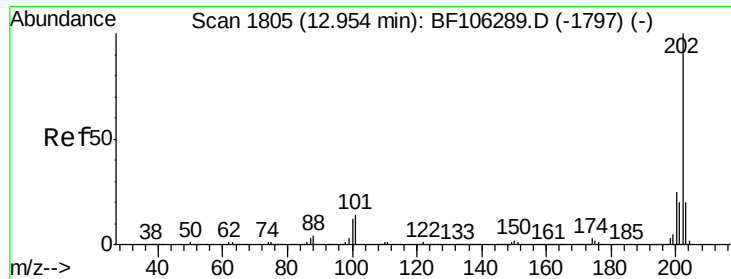


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

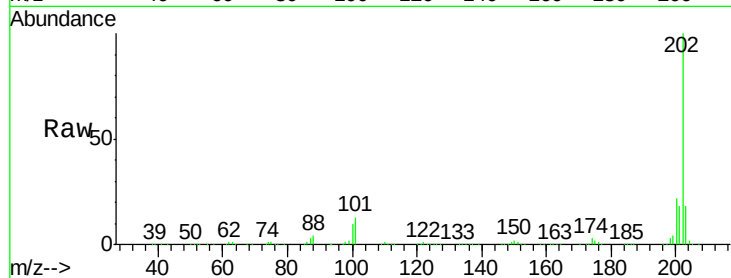




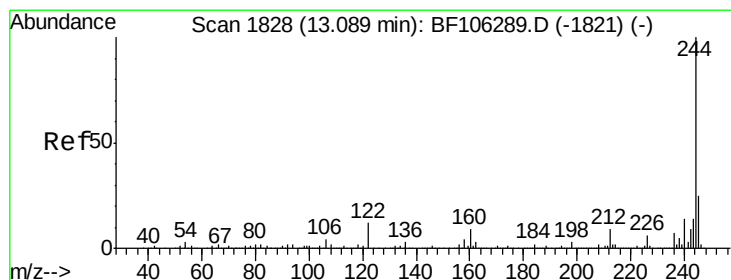
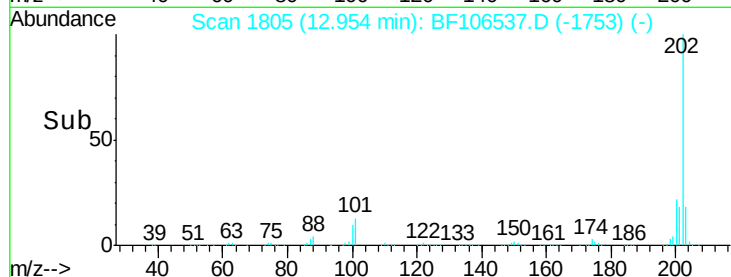
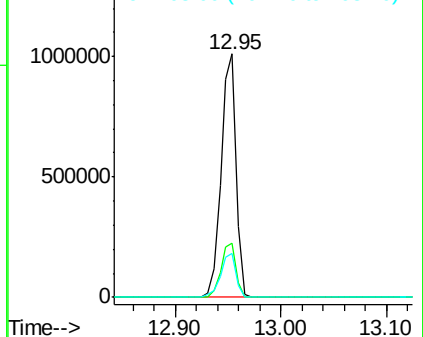
#77
 Pyrene
 Concen: 45.546 ng
 RT: 12.95 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tgt Ion: 202 Resp: 1002108
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.4 26.2
 203 18.2 14.3 21.5

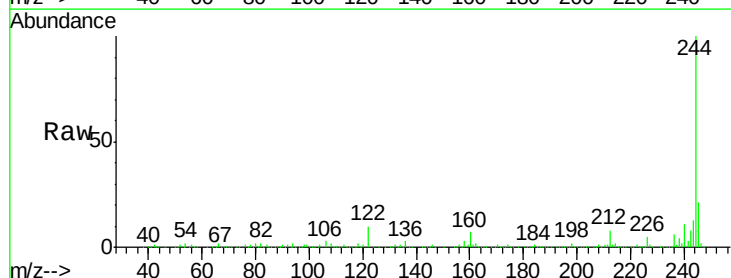


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

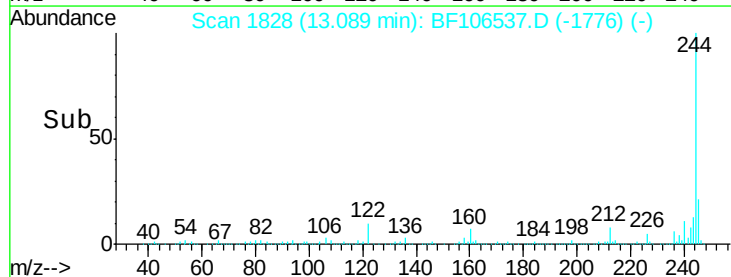
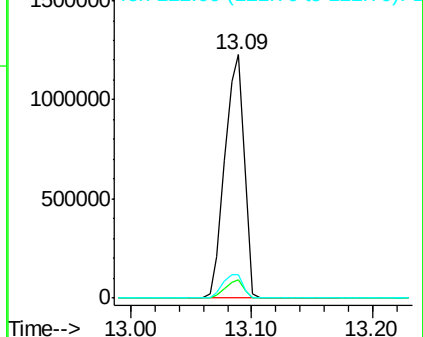


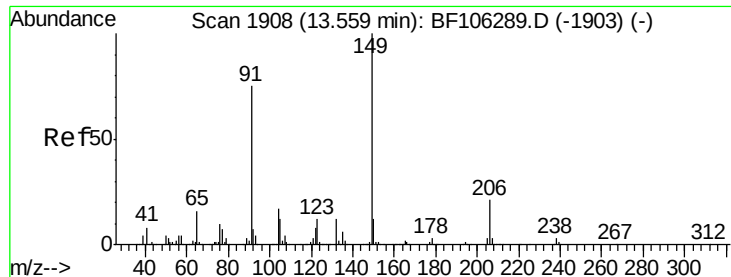
#78
 Terphenyl-d14
 Concen: 96.116 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion: 244 Resp: 1359960
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 9.9 11.0 16.4#



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

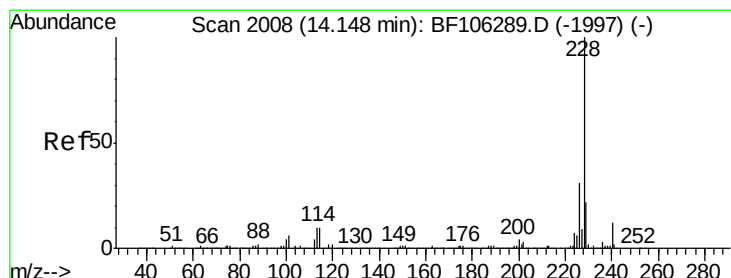
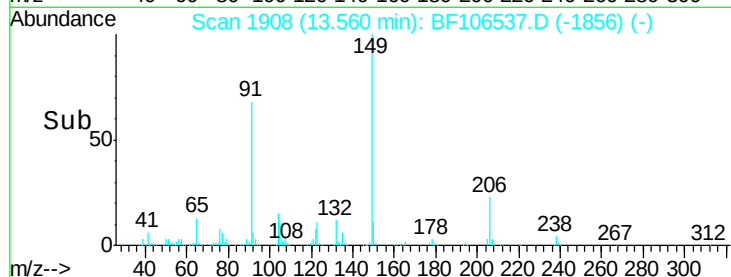
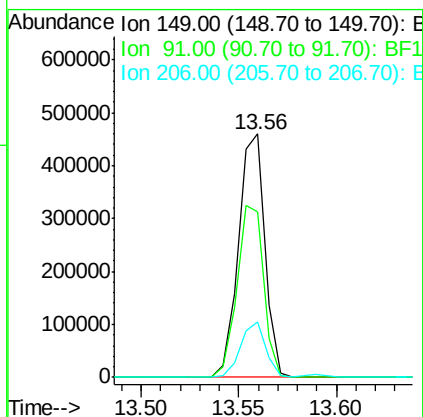
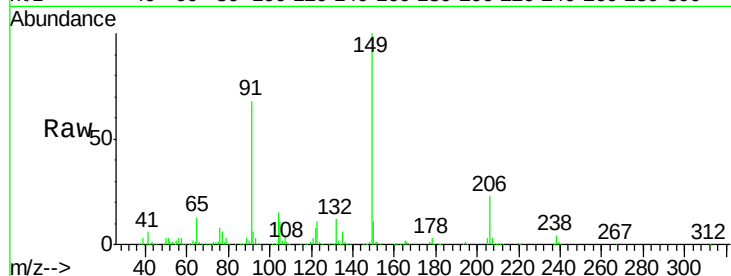




#79
Butylbenzylphthalate
Concen: 52.260 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

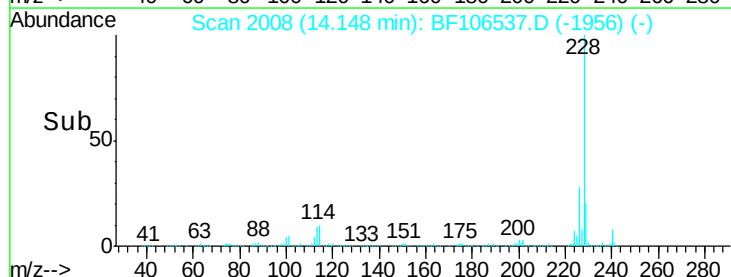
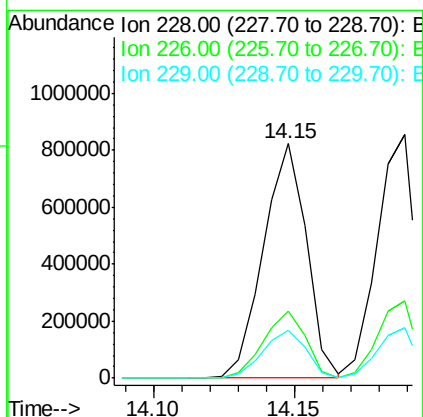
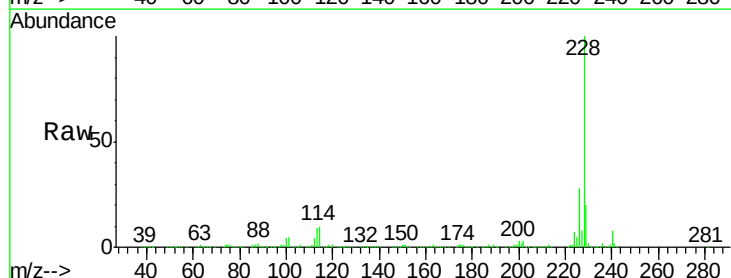
Instrument :
BNA_F
ClientSampleId :
PB110319BS

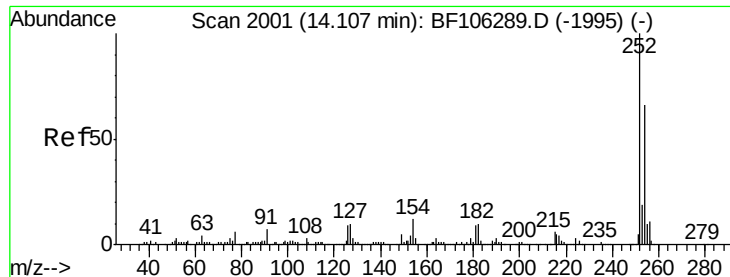
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.8	85.2
206	22.7	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 41.519 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 18.252 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

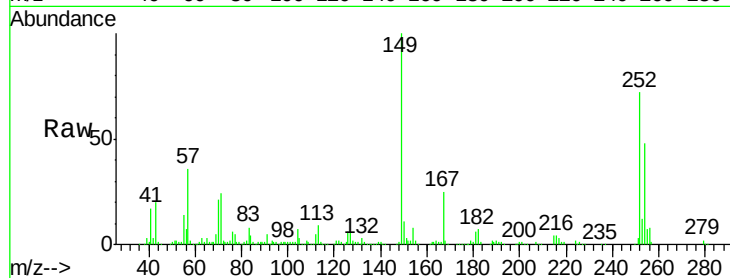
Tgt Ion:252 Resp: 128787

Ion Ratio Lower Upper

252 100

254 65.9 50.4 75.6

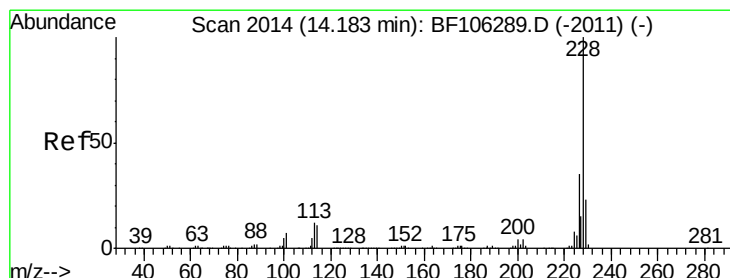
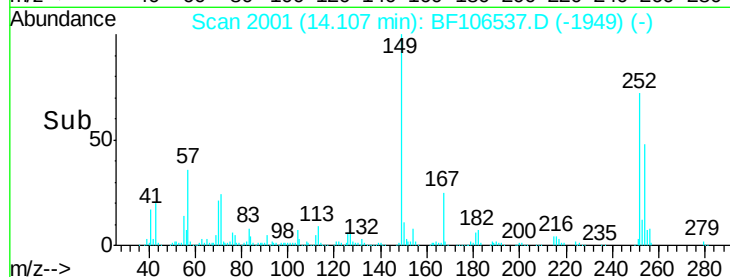
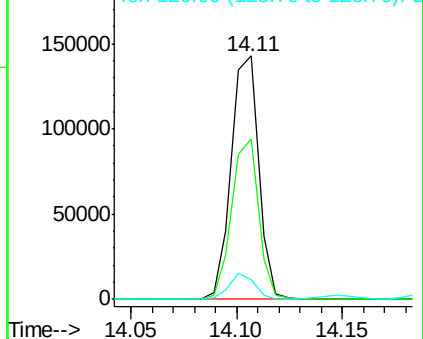
126 8.2 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.430 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

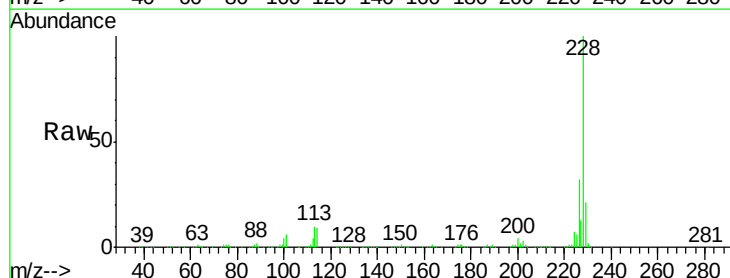
Tgt Ion:228 Resp: 810159

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

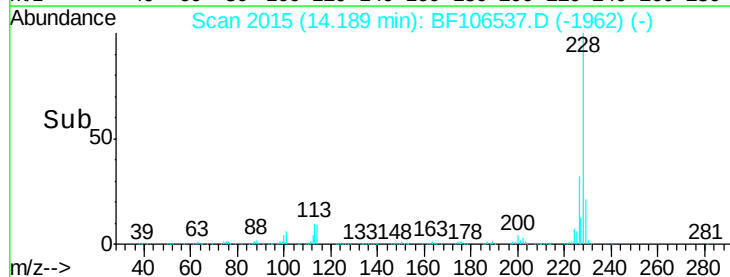
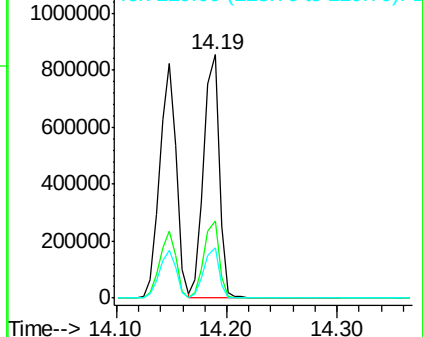
229 20.5 16.2 24.4

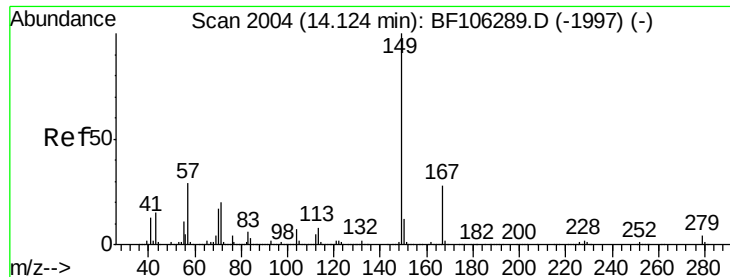


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.388 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

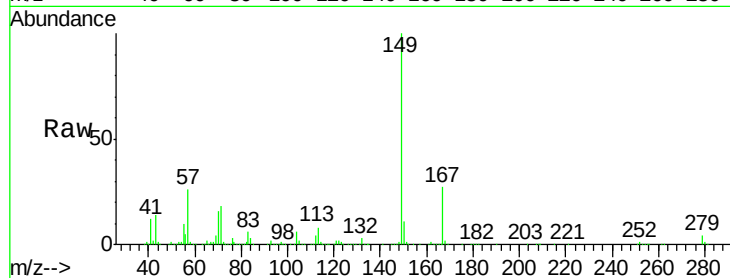
Tgt Ion:149 Resp: 571395

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

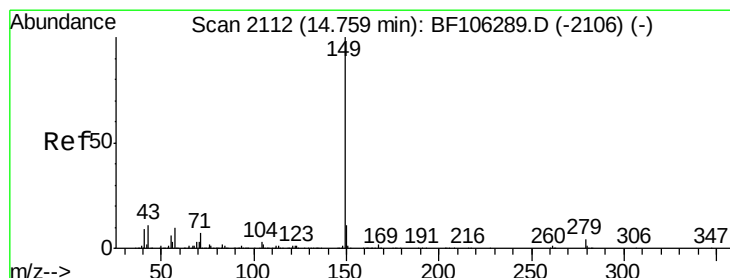
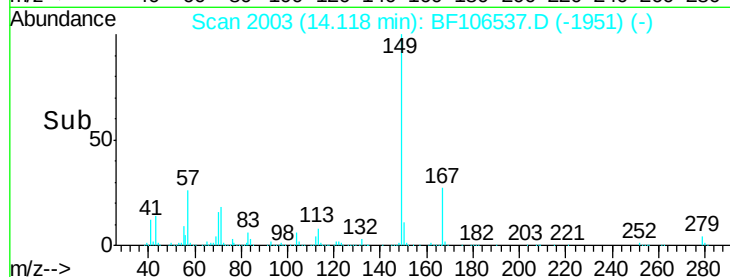
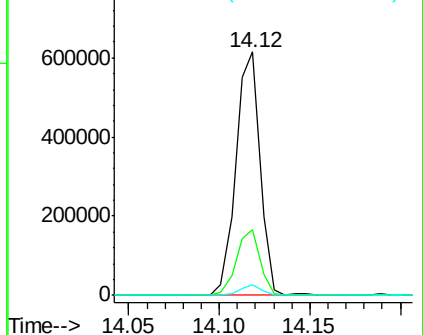
279 4.4 3.0 4.4



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: 47.562 ng

RT: 14.75 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

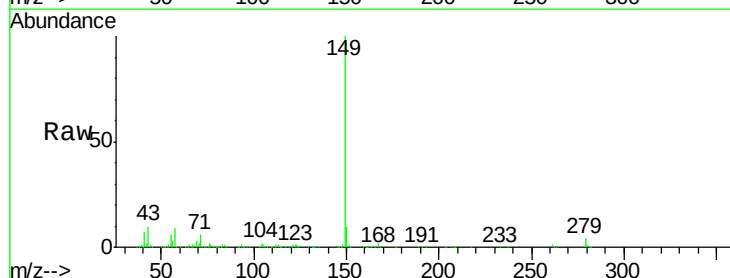
Tgt Ion:149 Resp: 809692

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

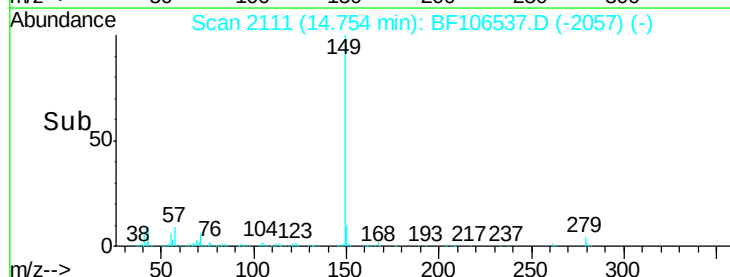
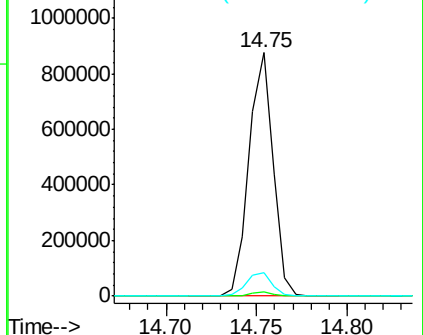
43 9.9 8.4 12.6

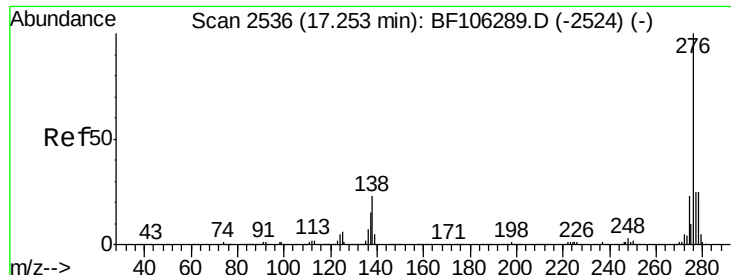


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

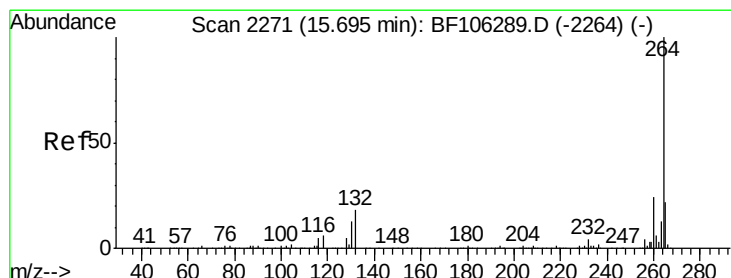
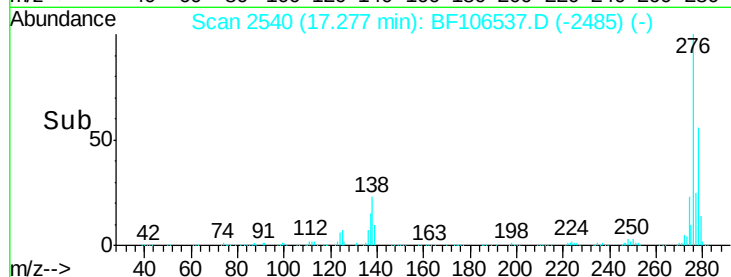
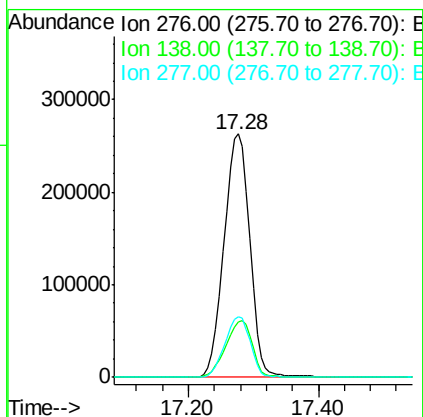
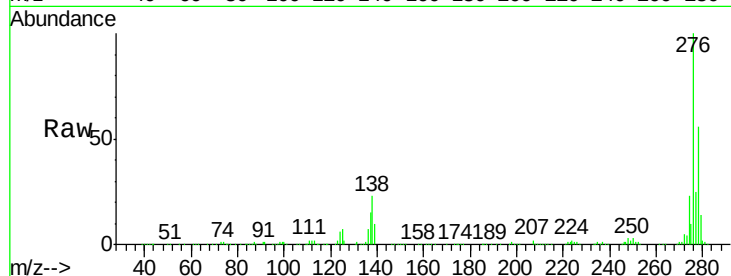




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.544 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.02 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

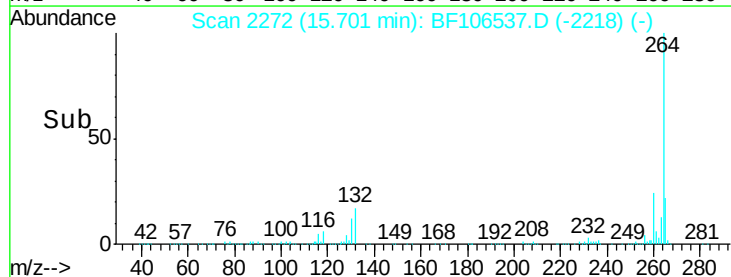
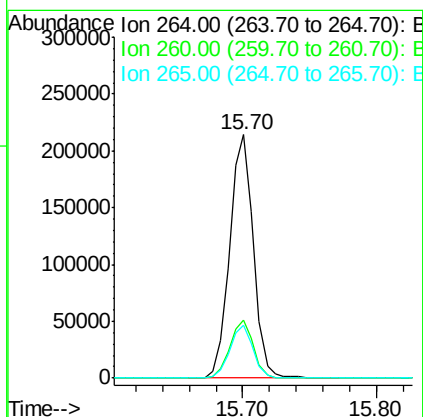
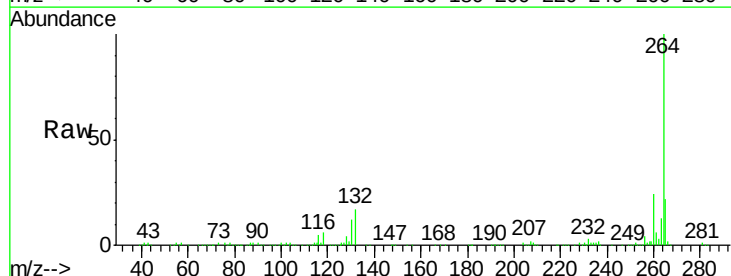
Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

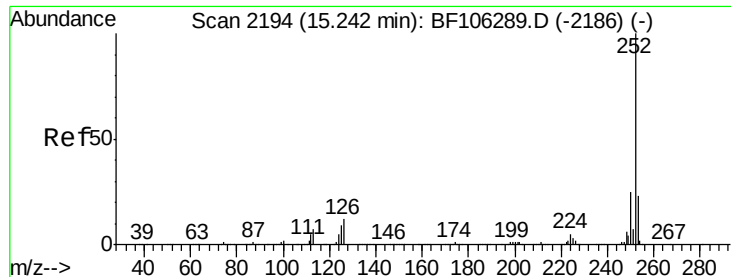
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

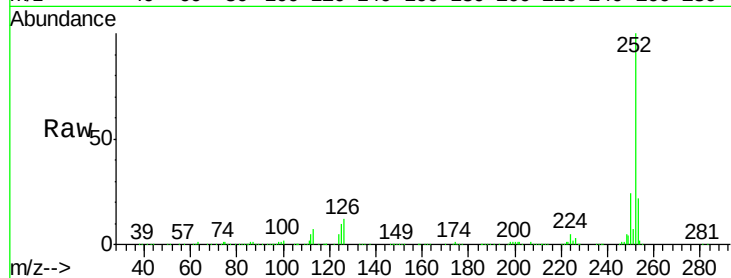




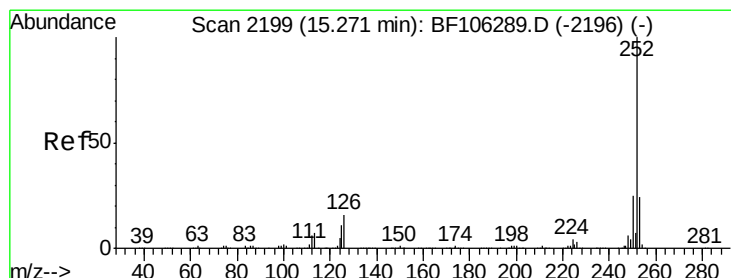
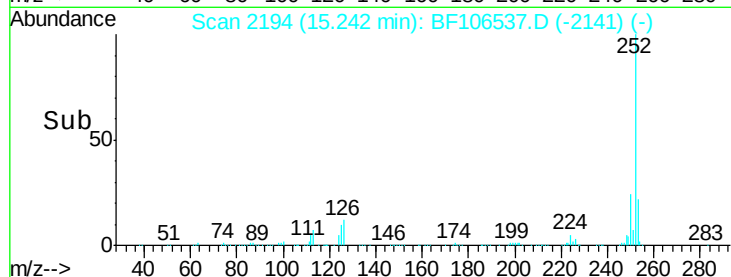
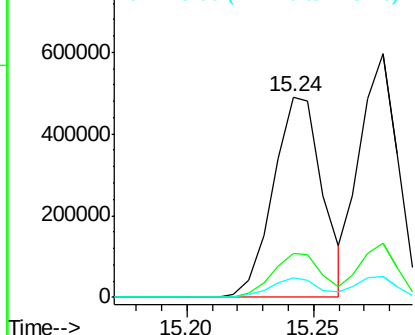
#87
Benzo(b)fluoranthene
Concen: 41.291 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tgt Ion:252 Resp: 666015
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.0 9.0 13.6

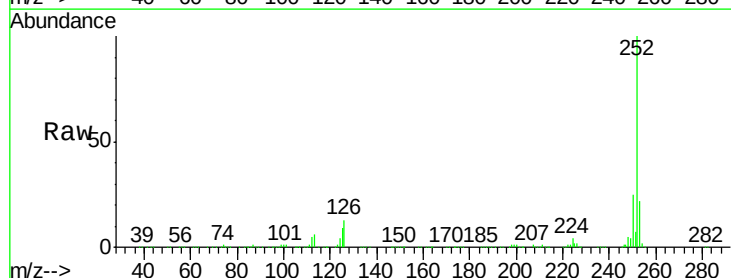


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

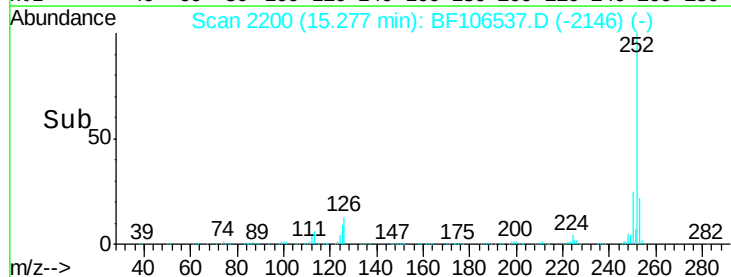
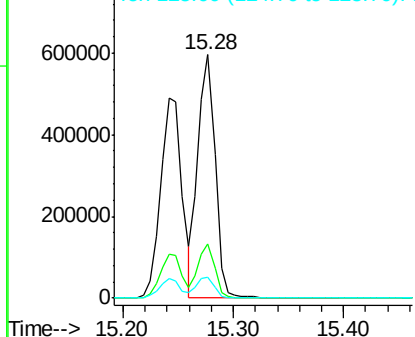


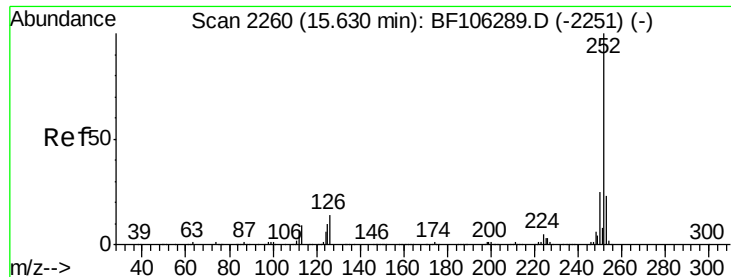
#88
Benzo(k)fluoranthene
Concen: 39.674 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:252 Resp: 633768
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.7 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

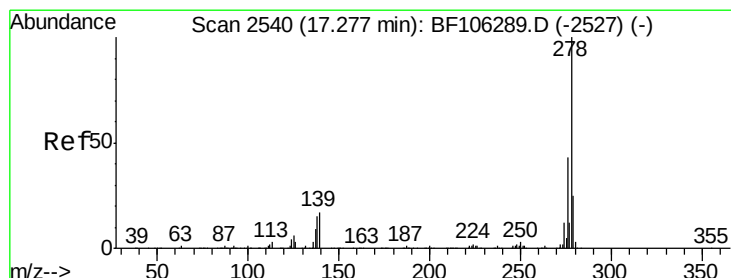
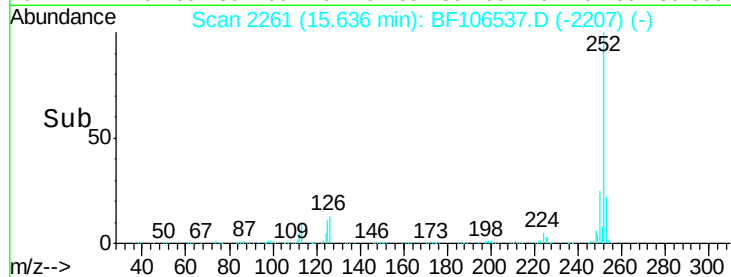
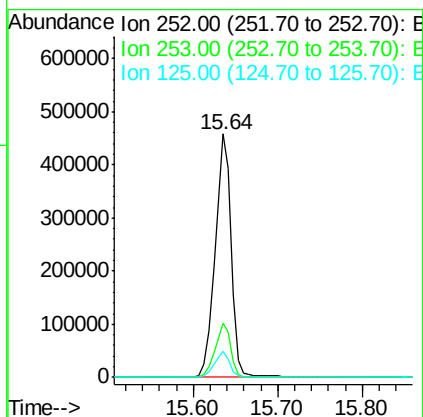
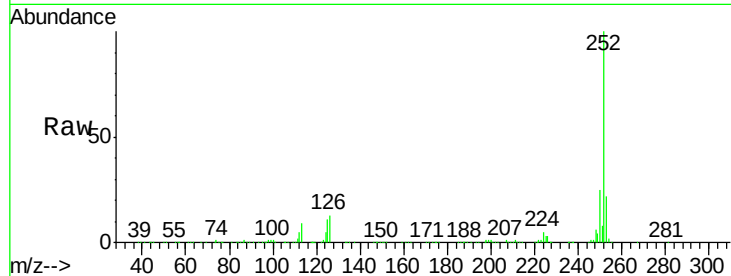




#89
Benzo(a)pyrene
Concen: 42.719 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

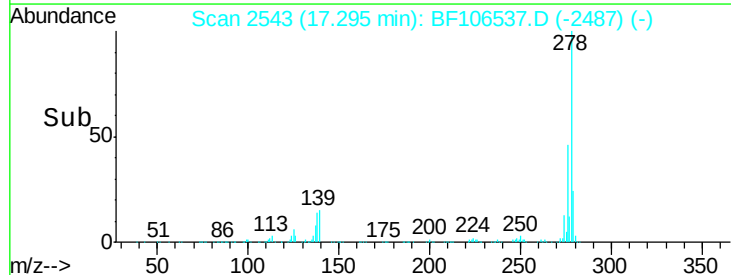
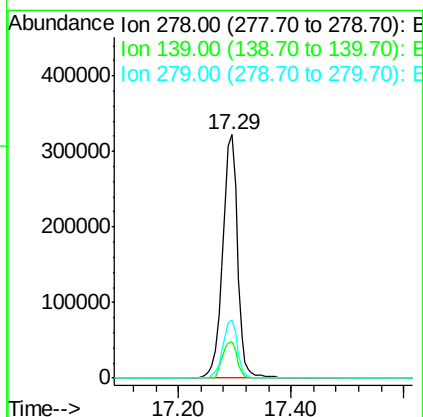
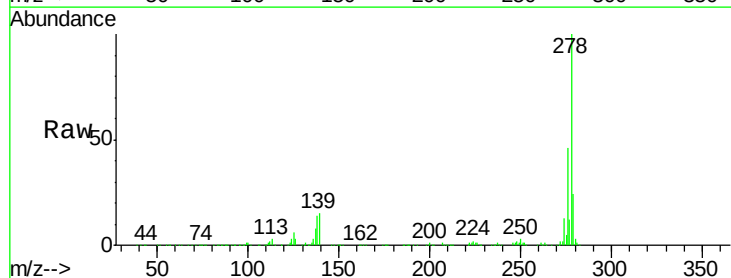
Instrument :
BNA_F
ClientSampleId :
PB110319BS

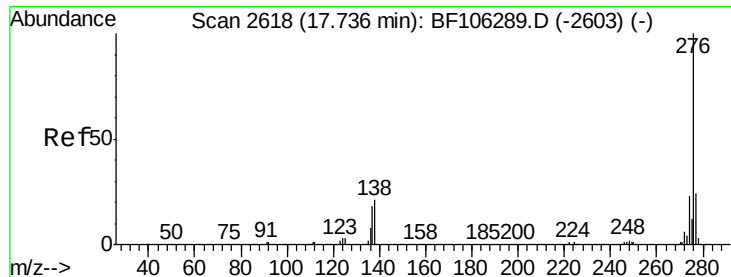
Tgt Ion:252 Resp: 619760
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 49.035 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion:278 Resp: 593092
Ion Ratio Lower Upper
278 100
139 14.7 15.9 23.9#
279 23.6 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 53.279 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.03 min

Lab File: BF106537.D

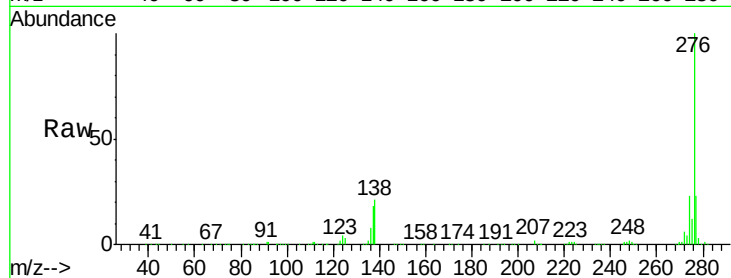
Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS



Tgt Ion:	276	Resp:	626266
Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	21.1	21.8	32.8

