

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106488.D
 Acq On : 15 Jun 2018 13:41
 Operator : JU/SJ
 Sample : PB110238BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Quant Time: Jun 15 22:56:35 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	127386	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	493510	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	238558	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	493895	20.00	ng	0.00
75) Chrysene-d12	14.16	240	399995	20.00	ng	0.00
86) Perylene-d12	15.69	264	309345	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	864940	114.92	ng	0.00
7) Phenol-d6	6.61	99	1068069	112.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	747090	89.06	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	341363	148.72	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1255354	97.97	ng	0.00
78) Terphenyl-d14	13.09	244	1413067	87.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	134495	34.528	ng	96
3) Pyridine	3.65	79	402053	37.039	ng	97
4) n-Nitrosodimethylamine	3.62	42	183291	36.859	ng	# 93
6) Aniline	6.63	93	204592	14.734	ng	# 1
8) 2-Chlorophenol	6.76	128	326940	40.394	ng	96
9) Benzaldehyde	6.52	77	214656	29.761	ng	98
10) Phenol	6.62	94	413149	39.799	ng	86
11) bis(2-Chloroethyl)ether	6.70	93	338568	38.098	ng	98
12) 1,3-Dichlorobenzene	6.91	146	374581	39.322	ng	99
13) 1,4-Dichlorobenzene	6.98	146	380611	39.373	ng	99
14) 1,2-Dichlorobenzene	7.14	146	353358	38.830	ng	99
15) Benzyl Alcohol	7.11	79	312192	38.337	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	498777	39.154	ng	72
17) 2-Methylphenol	7.22	107	281564	38.991	ng	# 91
18) Hexachloroethane	7.48	117	137402	39.890	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	232598	32.604	ng	95
20) 3+4-Methylphenols	7.38	107	349477	37.843	ng	# 74
22) Acetophenone	7.37	105	454861	36.574	ng	# 95
24) Nitrobenzene	7.55	77	383946	42.109	ng	96
25) Isophorone	7.78	82	678530	41.410	ng	98
26) 2-Nitrophenol	7.87	139	183321	51.798	ng	99
27) 2,4-Dimethylphenol	7.90	122	306618	44.202	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	427058	40.195	ng	98
29) 2,4-Dichlorophenol	8.11	162	294242	43.968	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	305304	40.688	ng	94
31) Naphthalene	8.27	128	926119	41.513	ng	99
32) Benzoic acid	8.02	122	190100	38.802	ng	89
33) 4-Chloroaniline	8.31	127	78516	7.942	ng	94
34) Hexachlorobutadiene	8.38	225	194894	40.429	ng	98
35) Caprolactam	8.69	113	60877	26.894	ng	88
36) 4-Chloro-3-methylphenol	8.81	107	315831	42.665	ng	97
37) 2-Methylnaphthalene	8.97	142	646922	42.575	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	319147	41.211	ng	99
40) Hexachlorocyclopentadiene	9.11	237	394687	92.373	ng	98

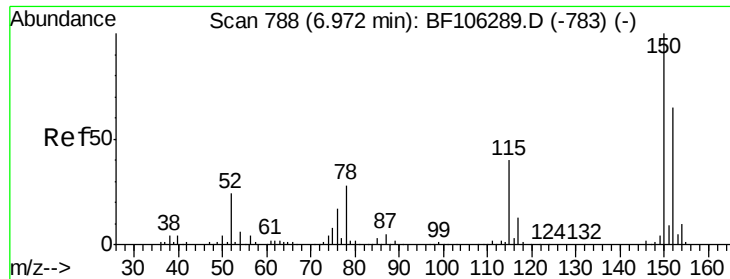
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106488.D
 Acq On : 15 Jun 2018 13:41
 Operator : JU/SJ
 Sample : PB110238BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Quant Time: Jun 15 22:56:35 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)
42) 2,4,6-Trichlorophenol	9.24	196	225655	45.723	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	231032	43.424	ng	93
45) 1,1'-Biphenyl	9.42	154	755394	40.882	ng	99
46) 2-Chloronaphthalene	9.45	162	612980	41.454	ng	98
47) 2-Nitroaniline	9.55	65	218252	46.919	ng	94
48) Acenaphthylene	9.87	152	969430	42.832	ng	98
49) Dimethylphthalate	9.72	163	716433	42.035	ng	99
50) 2,6-Dinitrotoluene	9.79	165	158605	45.557	ng	91
51) Acenaphthene	10.04	154	565149	38.665	ng	98
52) 3-Nitroaniline	9.96	138	59335	14.360	ng	99
53) 2,4-Dinitrophenol	10.07	184	179419	108.776	ng #	18
54) Dibenzofuran	10.22	168	832861	42.315	ng	97
55) 4-Nitrophenol	10.15	139	238843	75.411	ng	91
56) 2,4-Dinitrotoluene	10.20	165	219571	50.224	ng #	98
57) Fluorene	10.56	166	635719	40.766	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203446	48.246	ng #	82
59) Diethylphthalate	10.42	149	684790	40.480	ng	96
60) 4-Chlorophenyl-phenylether	10.55	204	327826	39.968	ng	90
61) 4-Nitroaniline	10.58	138	177348	44.114	ng	97
62) Azobenzene	10.71	77	707128	40.088	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	125263	47.144	ng	82
65) n-Nitrosodiphenylamine	10.67	169	612870	36.922	ng	95
66) 4-Bromophenyl-phenylether	11.04	248	234268	41.703	ng #	81
67) Hexachlorobenzene	11.11	284	238888	41.249	ng #	86
68) Atrazine	11.20	200	210118	41.076	ng	94
69) Pentachlorophenol	11.31	266	229456	64.354	ng	99
70) Phenanthrene	11.53	178	976968	40.391	ng	99
71) Anthracene	11.58	178	995997	41.103	ng	97
72) Carbazole	11.74	167	909942	40.675	ng	98
73) Di-n-butylphthalate	12.05	149	1035966	41.608	ng	99
74) Fluoranthene	12.72	202	1080112	41.873	ng	97
76) Benzidine	12.84	184	377263	28.339	ng	98
77) Pyrene	12.95	202	1109328	44.298	ng	97
79) Butylbenzylphthalate	13.55	149	464284	49.529	ng	95
80) Benzo(a)anthracene	14.15	228	1003227	42.146	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	141121	17.572	ng #	97
82) Chrysene	14.18	228	918682	42.272	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	597364	44.445	ng	99
84) Di-n-octyl phthalate	14.75	149	854207	44.085	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	779360	44.934	ng #	94
87) Benzo(b)fluoranthene	15.24	252	767536	41.046	ng	96
88) Benzo(k)fluoranthene	15.27	252	753943	40.711	ng #	97
89) Benzo(a)pyrene	15.63	252	722208	42.939	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	642917	45.849	ng #	95
91) Benzo(g,h,i)perylene	17.75	276	693086	50.860	ng #	93

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

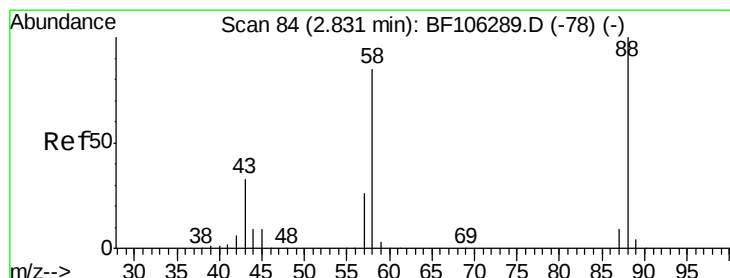
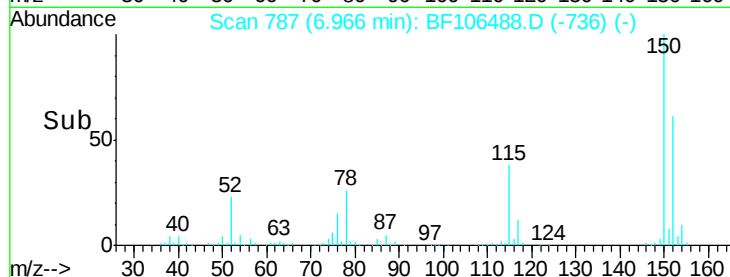
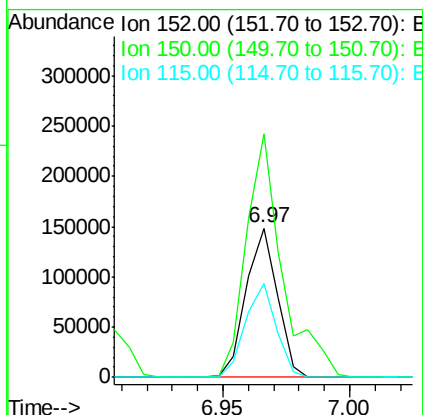
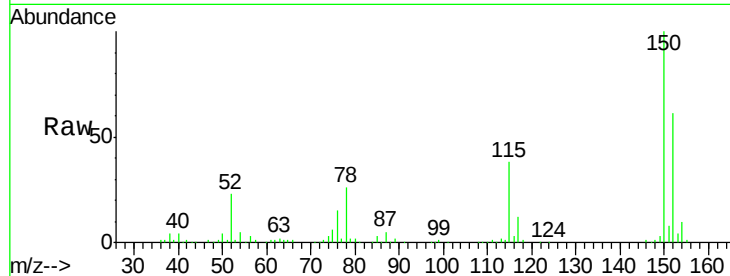


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

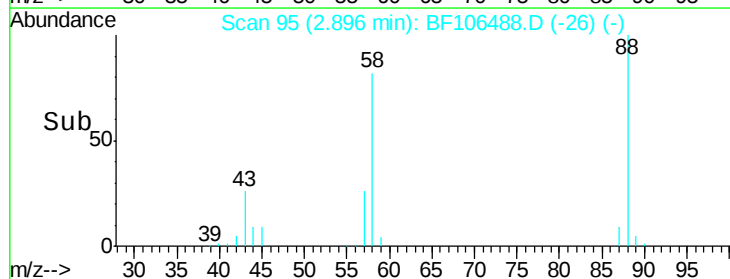
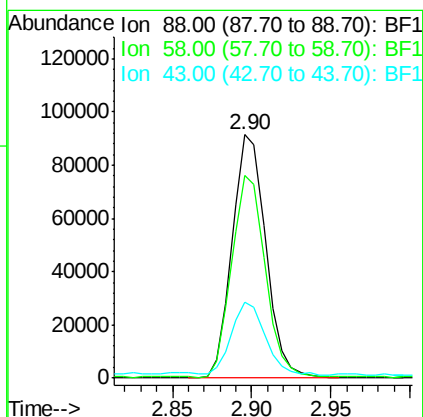
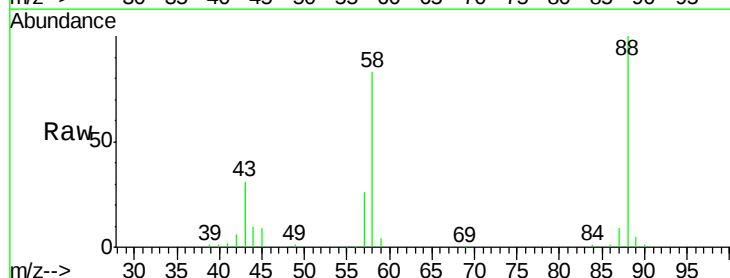
Tgt Ion:152 Resp: 127386
Ion Ratio Lower Upper
152 100
150 163.1 124.6 186.8
115 62.7 50.1 75.1

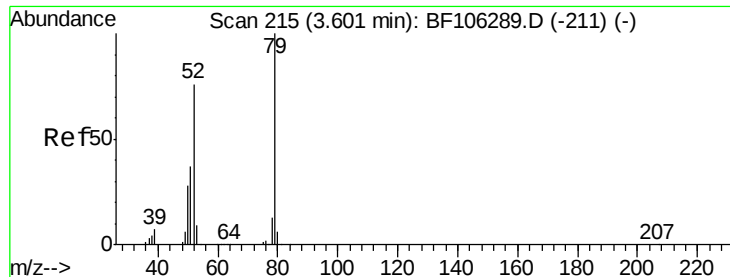


#2

1,4-Dioxane
Concen: 34.528 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.11 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion: 88 Resp: 134495
Ion Ratio Lower Upper
88 100
58 82.8 62.6 93.8
43 30.0 24.6 37.0





#3

Pyridine

Concen: 37.039 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.08 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

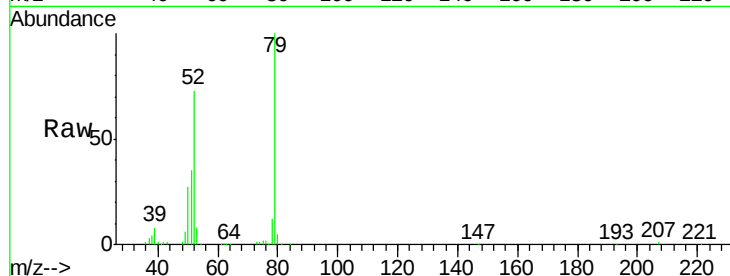
Tgt Ion: 79 Resp: 402053

Ion Ratio Lower Upper

79 100

52 73.0 59.8 89.6

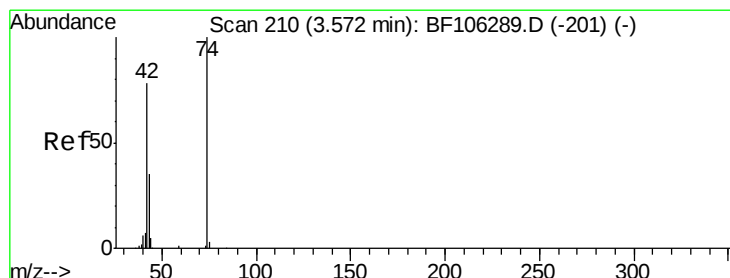
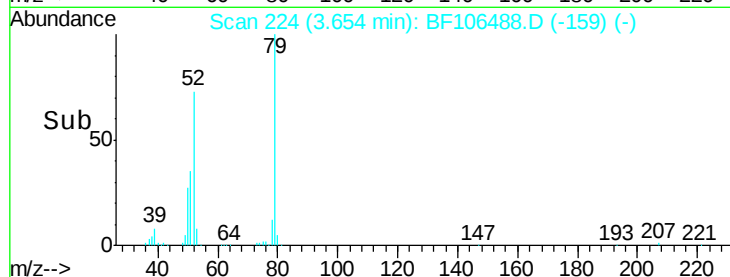
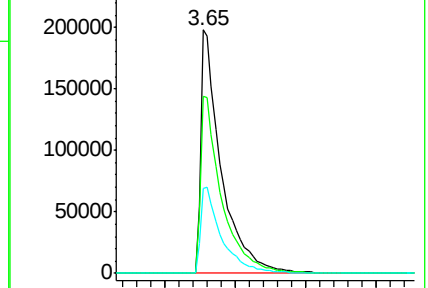
51 34.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.859 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.08 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

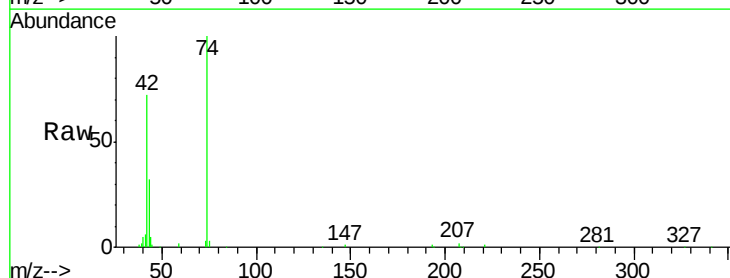
Tgt Ion: 42 Resp: 183291

Ion Ratio Lower Upper

42 100

74 138.9 104.9 157.3

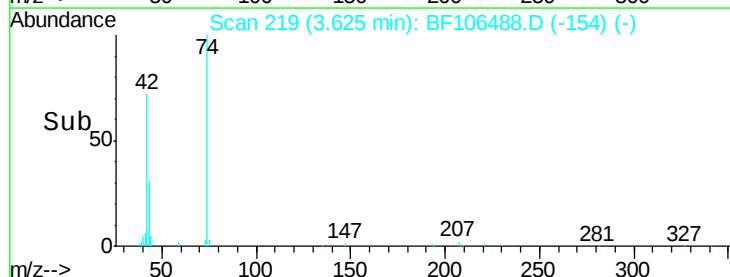
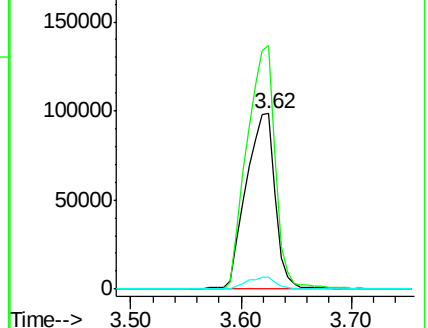
44 6.8 6.9 10.3#

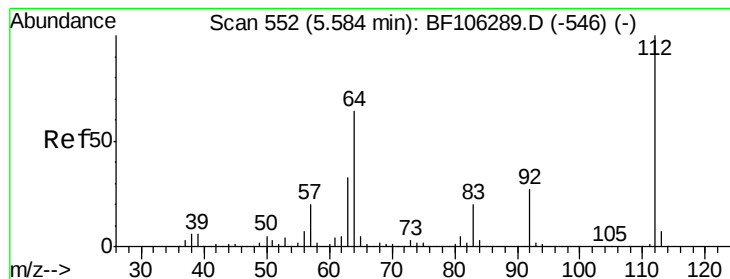


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.919 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

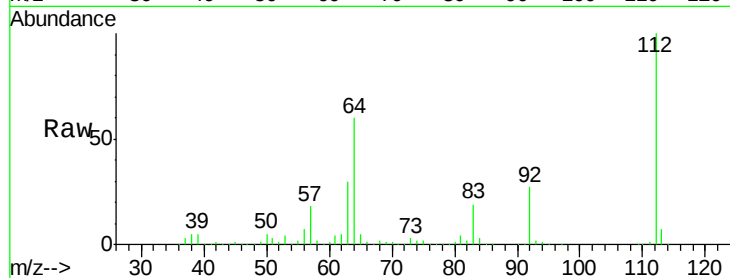
Tgt Ion: 112 Resp: 864940

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

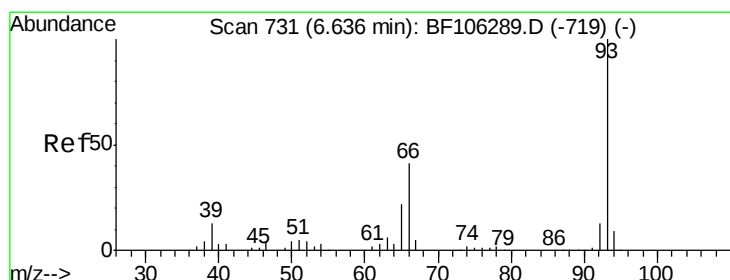
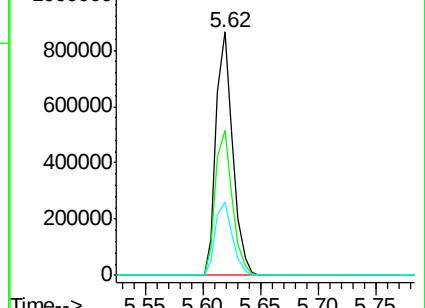
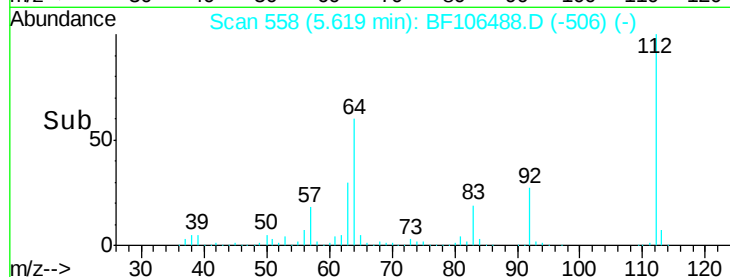
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.734 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

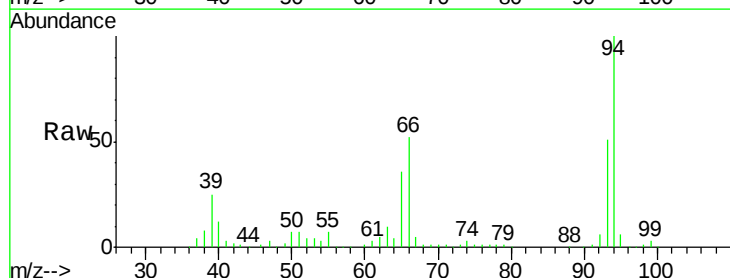
Tgt Ion: 93 Resp: 204592

Ion Ratio Lower Upper

93 100

66 101.5 32.2 48.2#

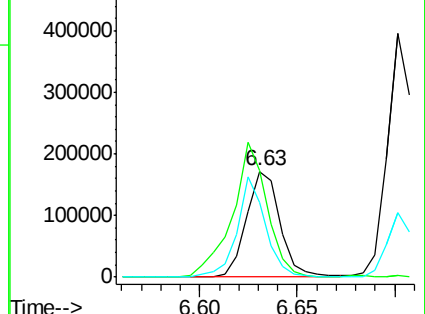
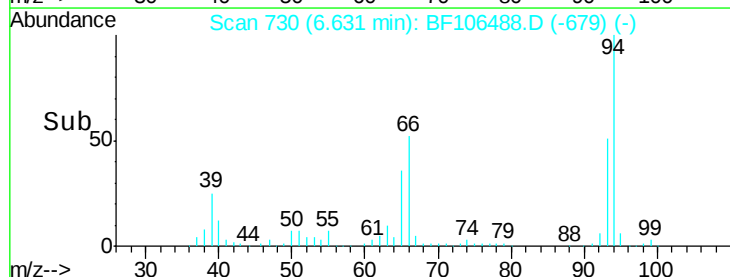
65 70.4 16.4 24.6#

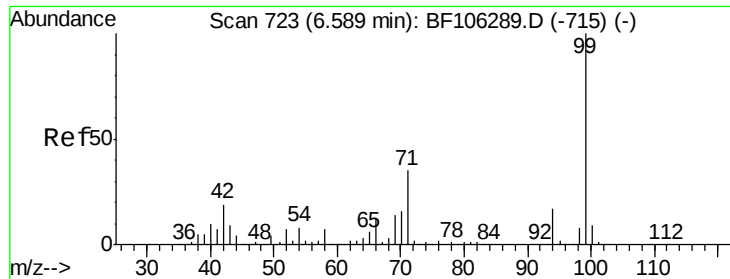


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.321 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

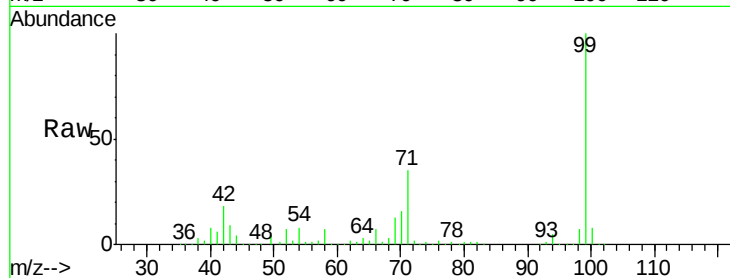
Tgt Ion: 99 Resp: 1068069

Ion Ratio Lower Upper

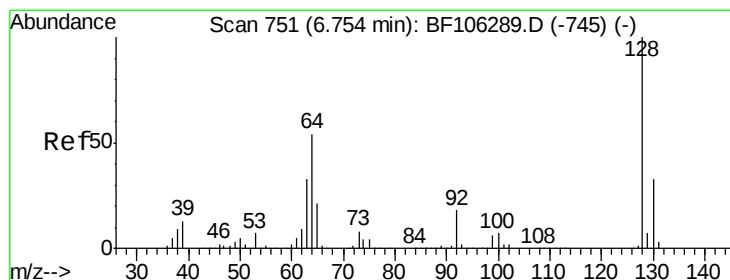
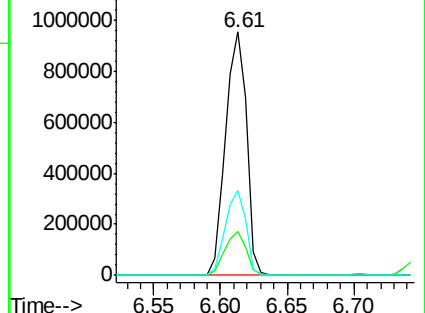
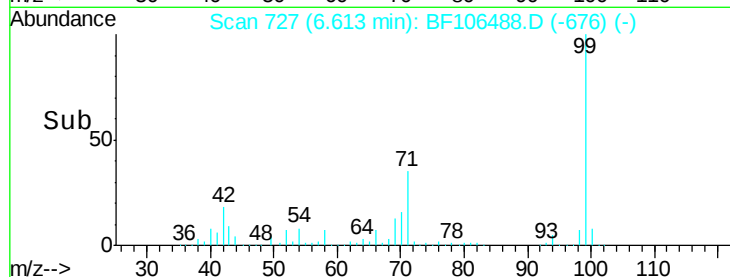
99 100

42 17.8 14.5 21.7

71 35.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.394 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

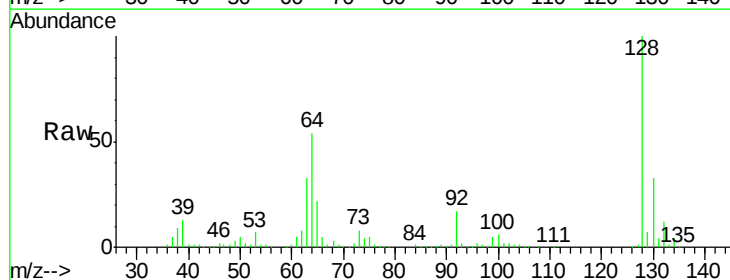
Tgt Ion: 128 Resp: 326940

Ion Ratio Lower Upper

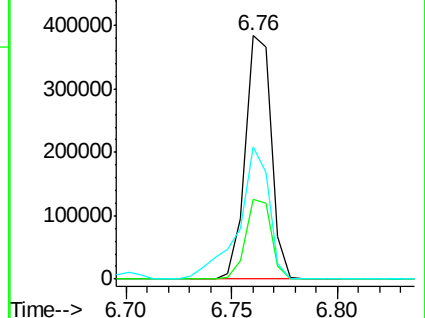
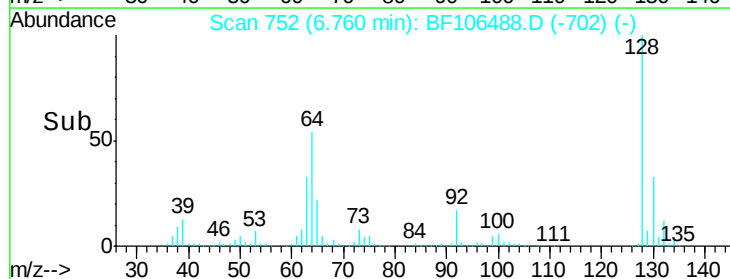
128 100

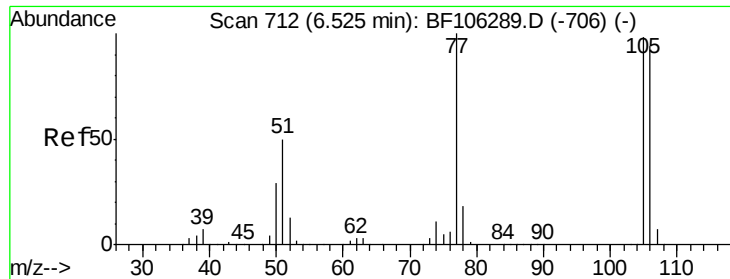
130 32.6 13.0 53.0

64 54.1 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: 29.761 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

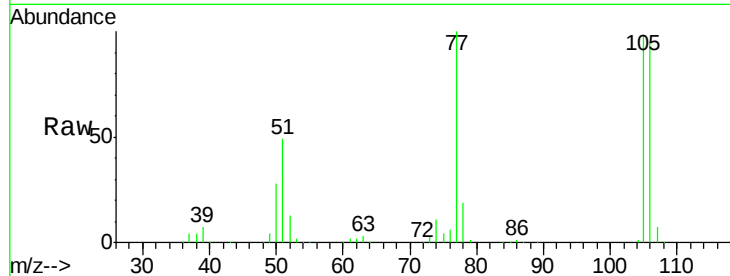
Tgt Ion: 77 Resp: 214656

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

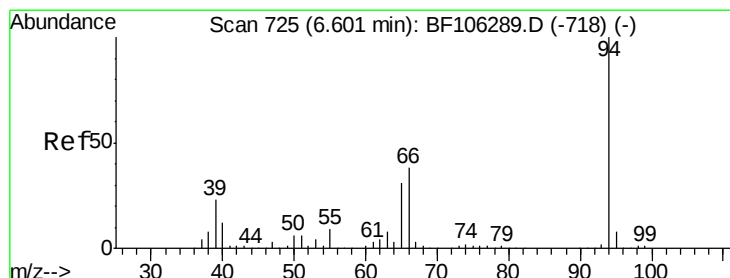
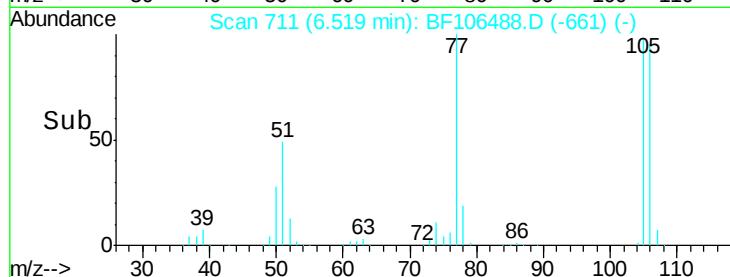
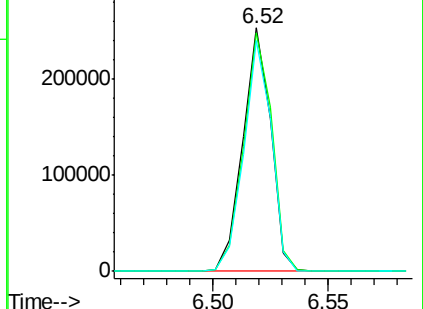
106 95.0 74.5 114.5



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: 39.799 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

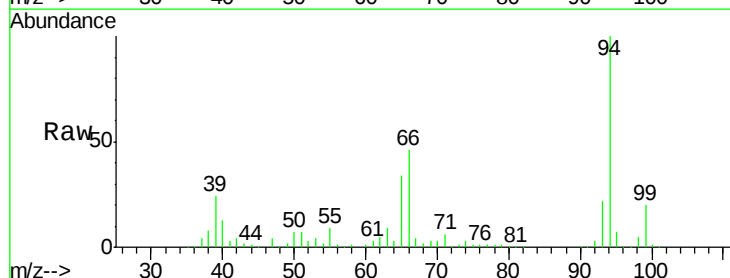
Tgt Ion: 94 Resp: 413149

Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

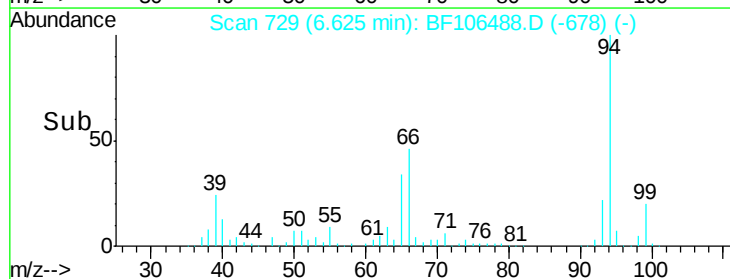
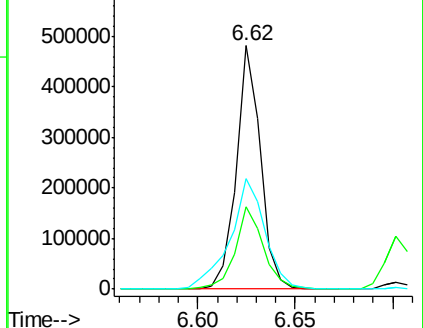
66 45.5 16.2 56.2

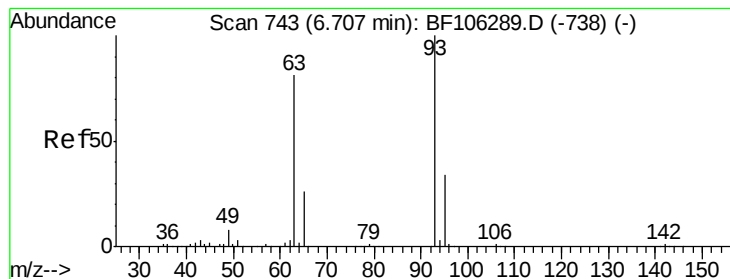


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.098 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

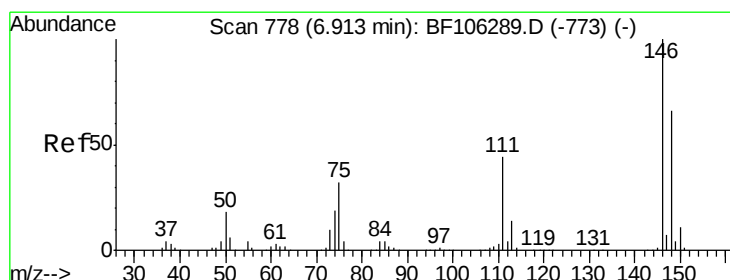
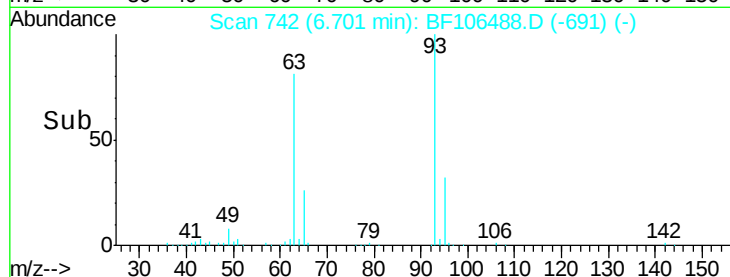
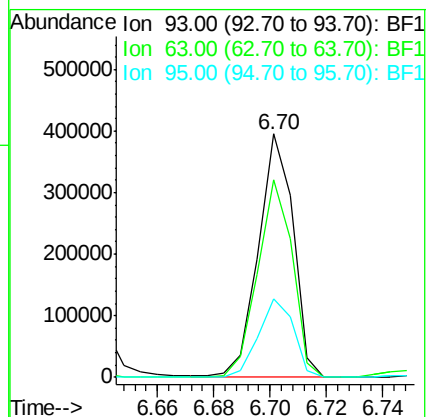
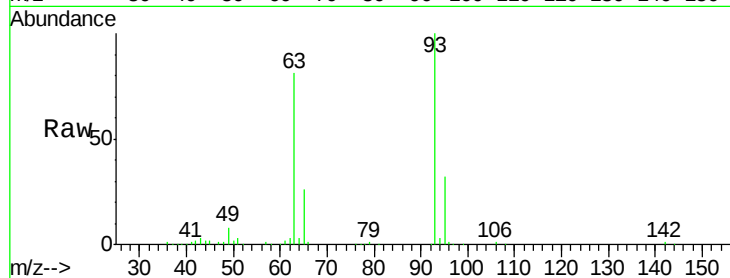
Tgt Ion: 93 Resp: 338568

Ion Ratio Lower Upper

93 100

63 80.9 58.6 98.6

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.322 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

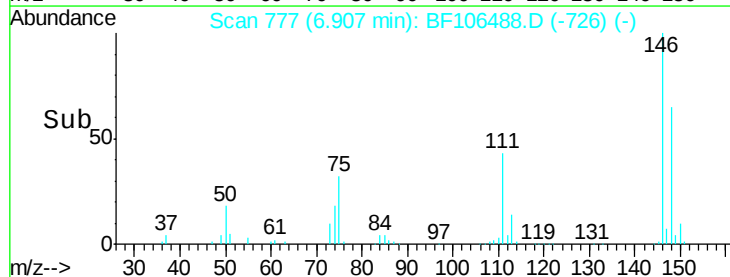
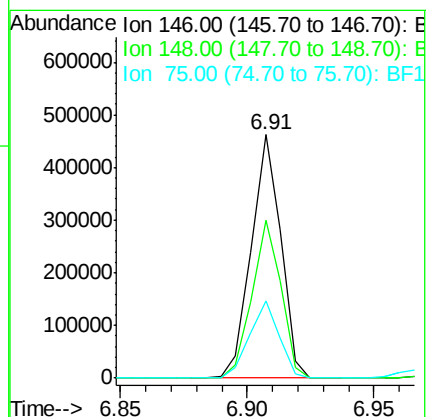
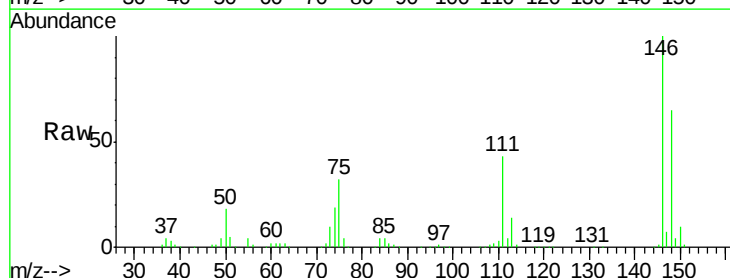
Tgt Ion: 146 Resp: 374581

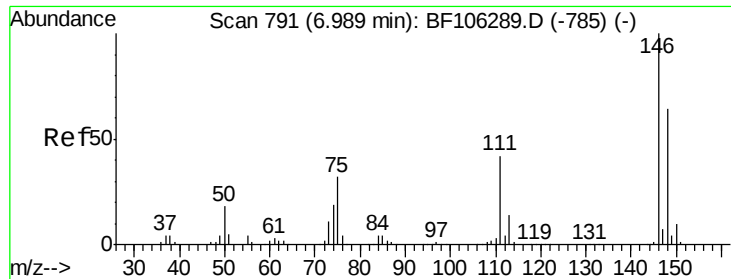
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 31.8 24.2 36.4

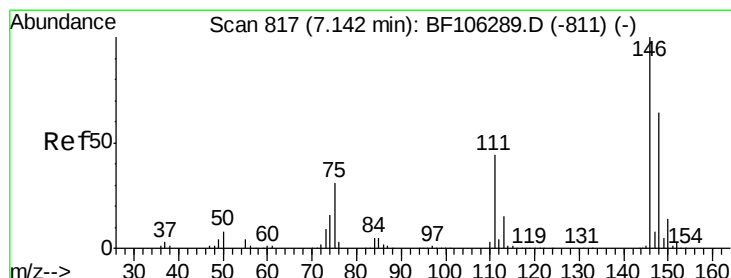
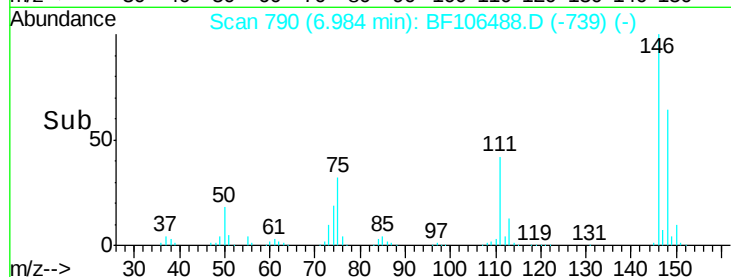
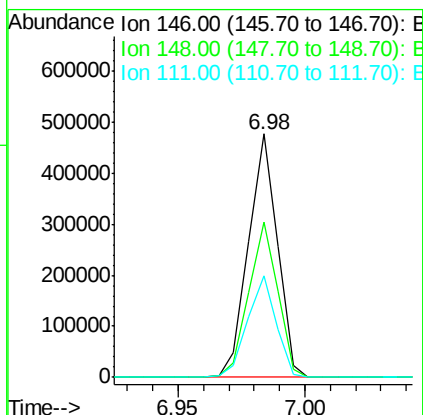
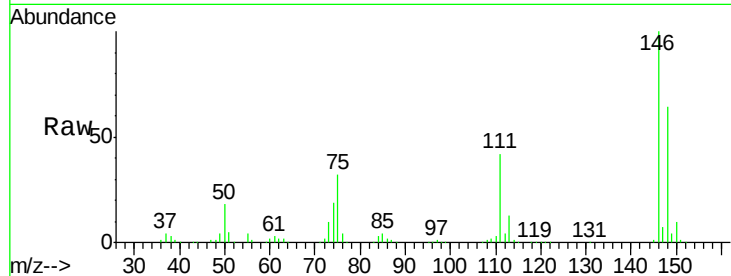




#13
 1,4-Dichlorobenzene
 Concen: 39.373 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

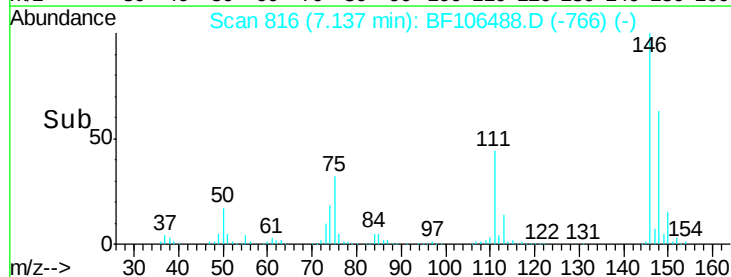
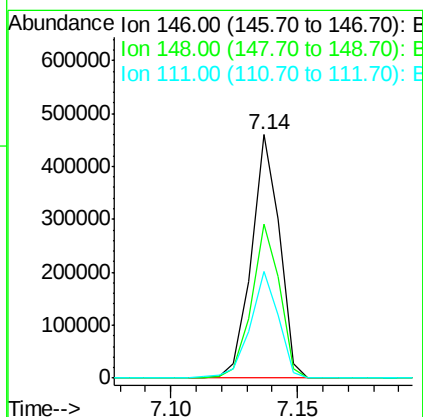
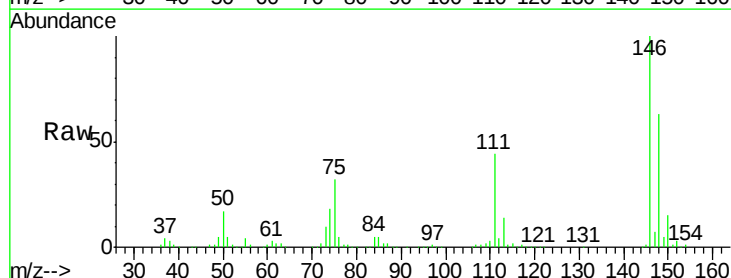
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

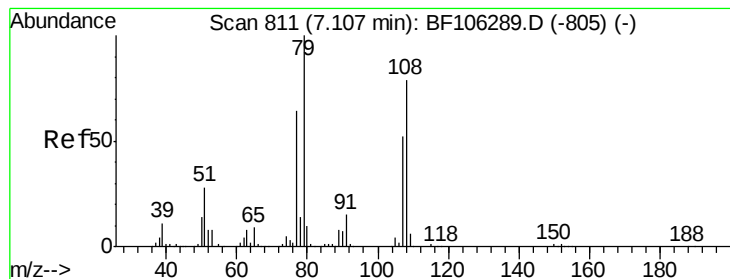
Tgt Ion:146 Resp: 380611
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.830 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:146 Resp: 353358
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.337 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

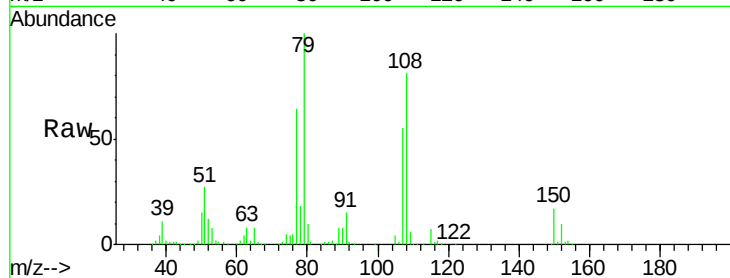
Tgt Ion: 79 Resp: 312192

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

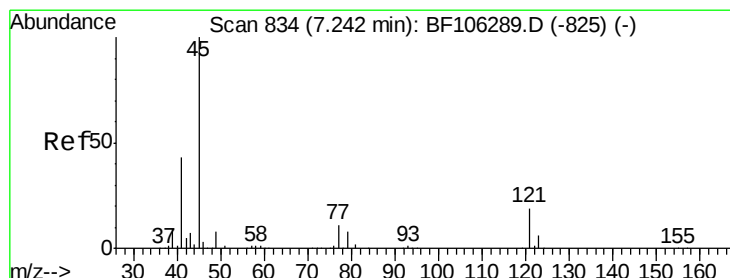
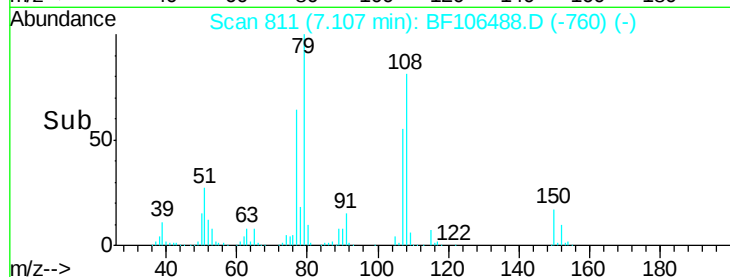
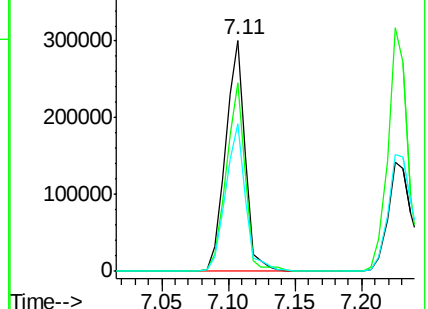
77 63.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.154 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

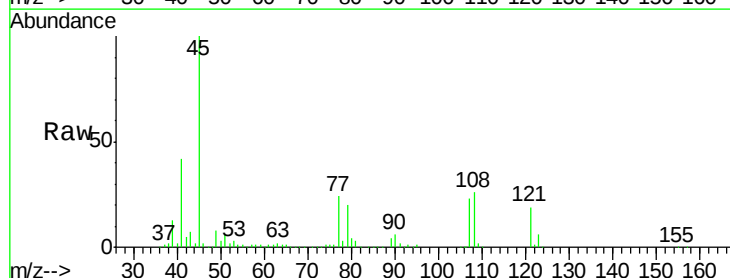
Tgt Ion: 45 Resp: 498777

Ion Ratio Lower Upper

45 100

77 23.9 0.0 32.9

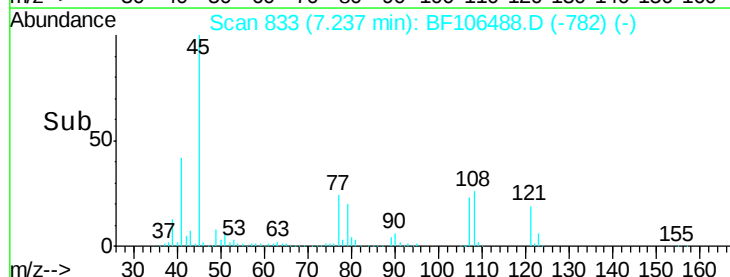
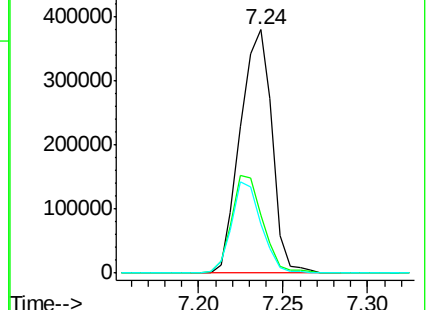
79 20.0 0.0 29.6

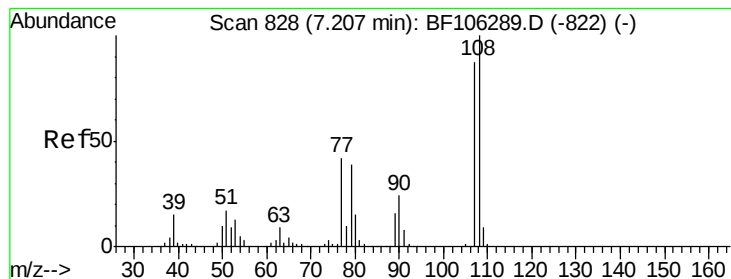


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

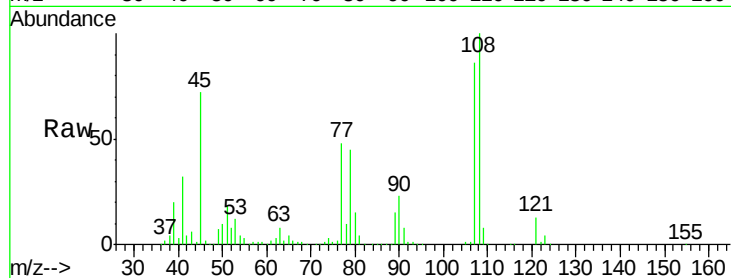




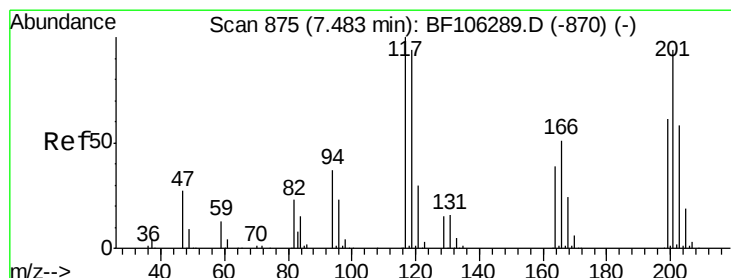
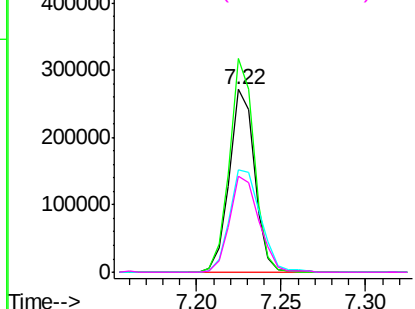
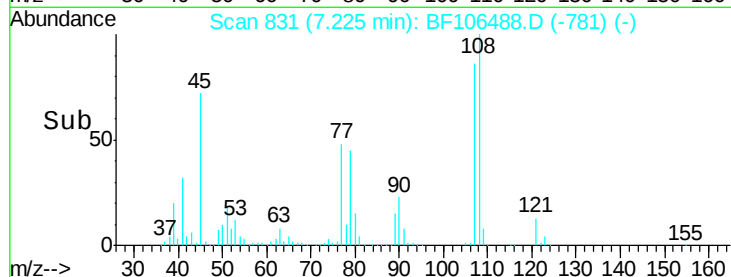
#17
2-Methylphenol
Concen: 38.991 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tgt Ion:107 Resp: 281564
Ion Ratio Lower Upper
107 100
108 116.7 91.7 137.5
77 55.9 33.8 50.8#
79 52.4 33.8 50.8#

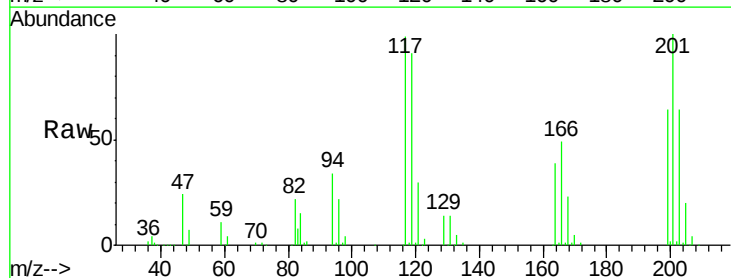


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

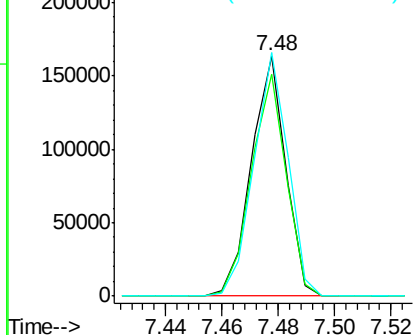
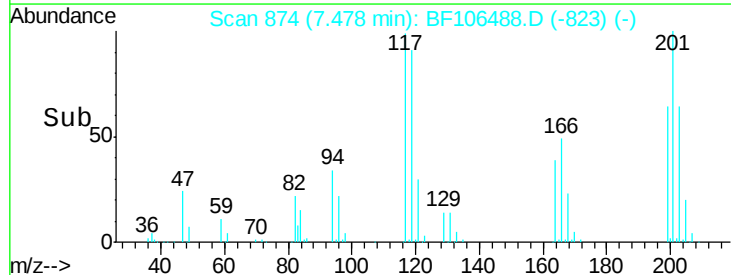


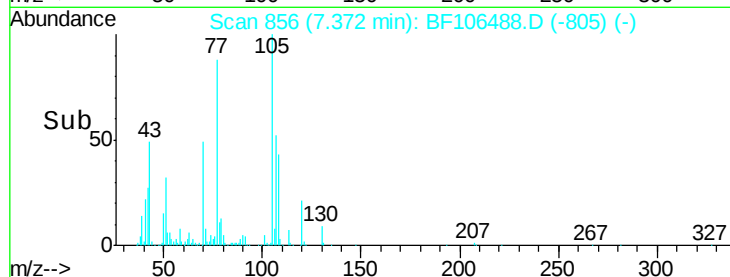
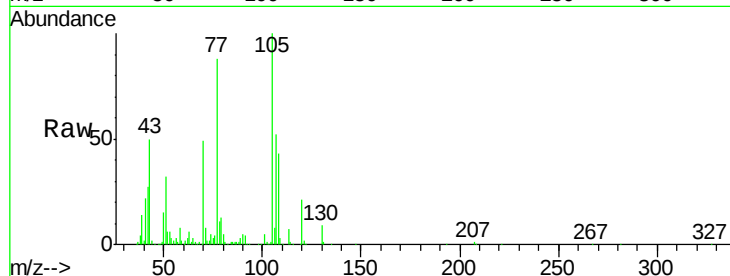
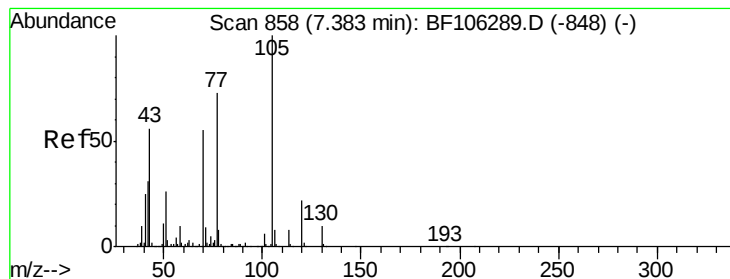
#18
Hexachloroethane
Concen: 39.890 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:117 Resp: 137402
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
201 101.5 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: 32.604 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tgt Ion: 70 Resp: 232598

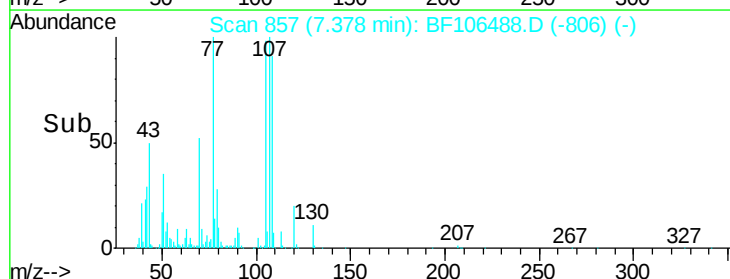
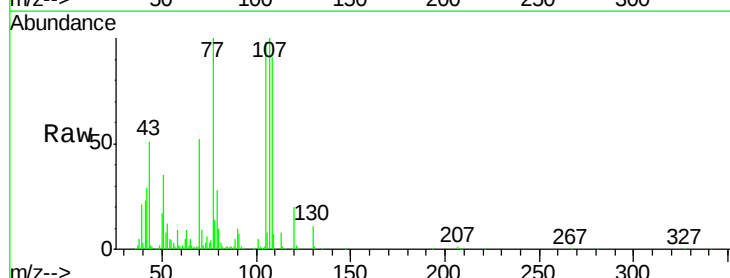
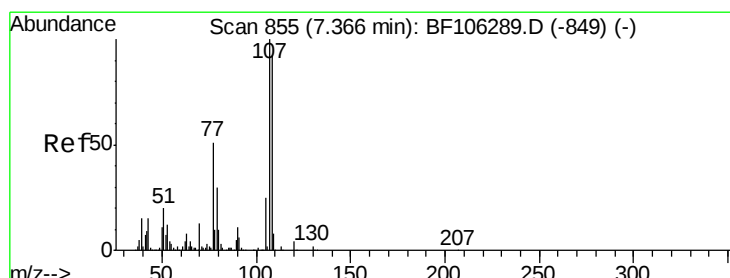
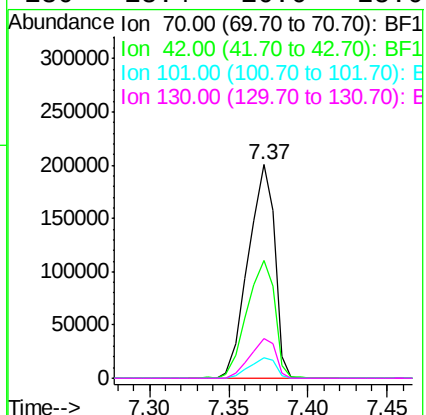
Ion Ratio Lower Upper

70 100

42 55.4 47.5 71.3

101 9.7 7.4 11.2

130 18.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.843 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion: 107 Resp: 349477

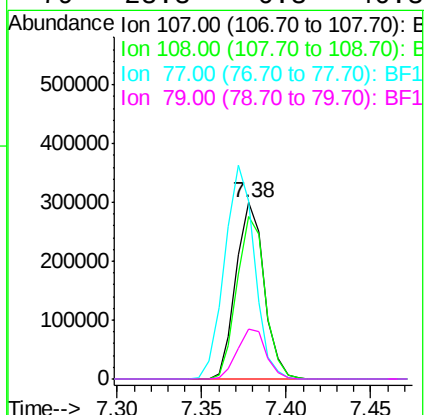
Ion Ratio Lower Upper

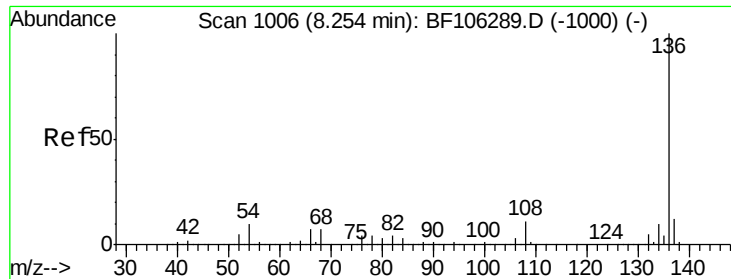
107 100

108 91.8 68.2 108.2

77 100.4 26.7 66.7#

79 28.3 6.3 46.3

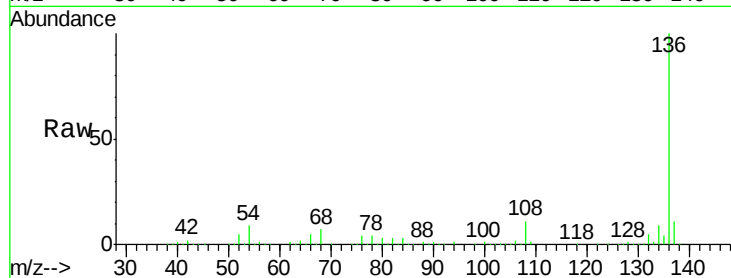




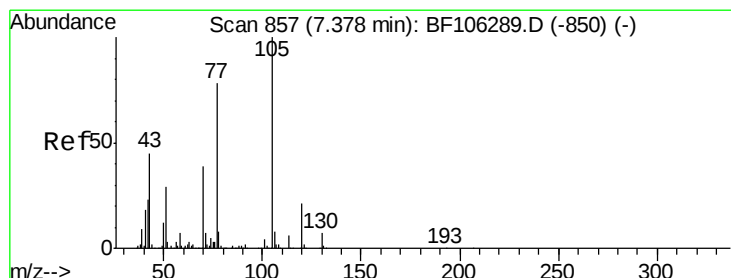
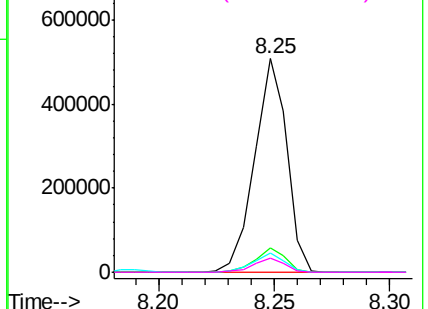
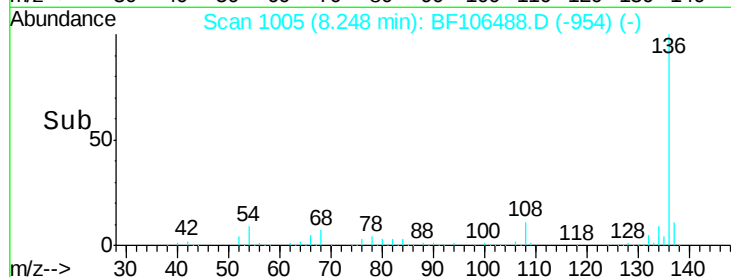
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tgt Ion:	136	Resp:	493510
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4

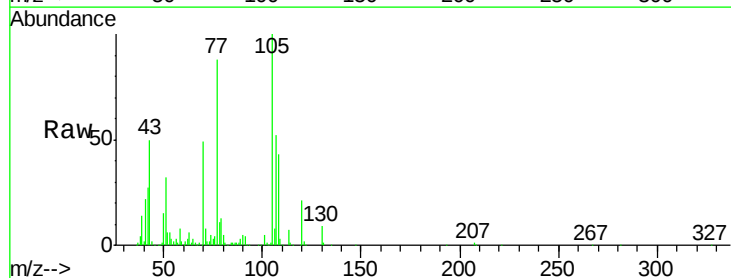


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

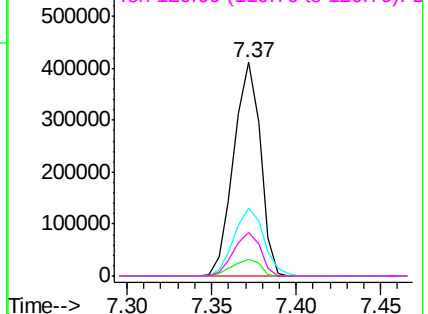
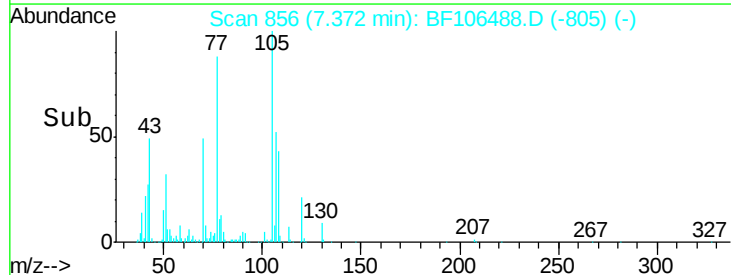


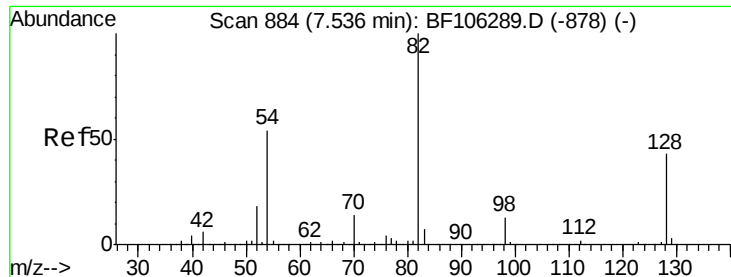
#22
Acetophenone
Concen: 36.574 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:	105	Resp:	454861
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	31.6	22.3	33.5
120	20.6	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

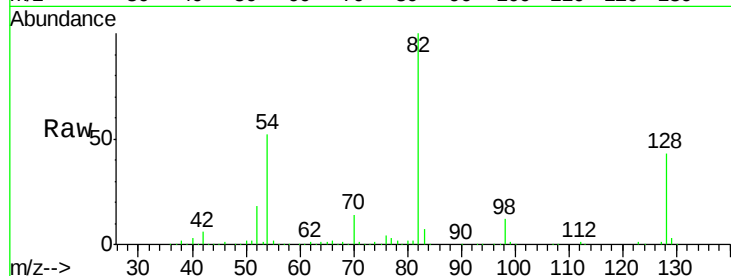




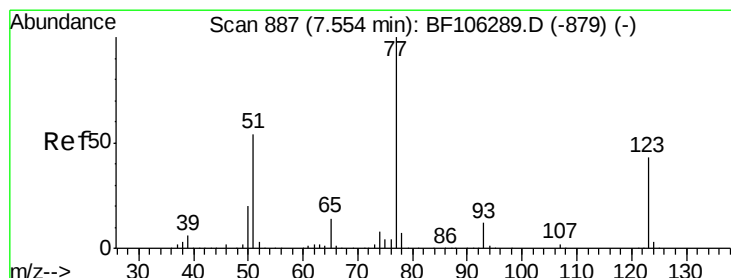
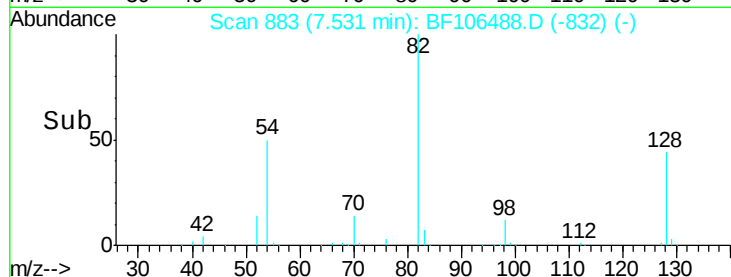
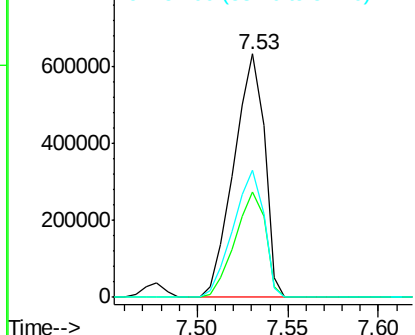
#23
 Nitrobenzene-d5
 Concen: 89.056 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tgt Ion: 82 Resp: 747090
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 52.0 41.4 62.2

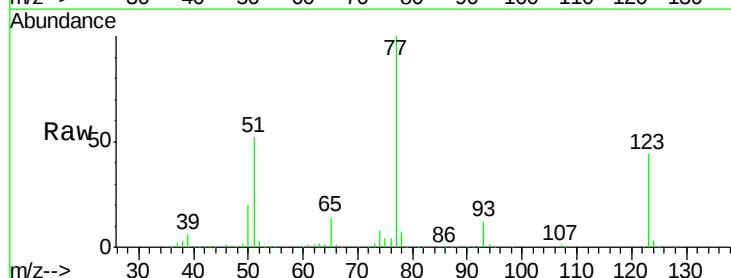


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

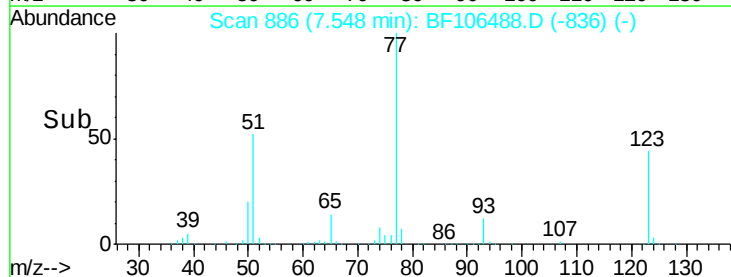
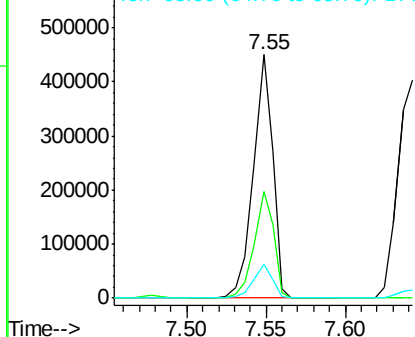


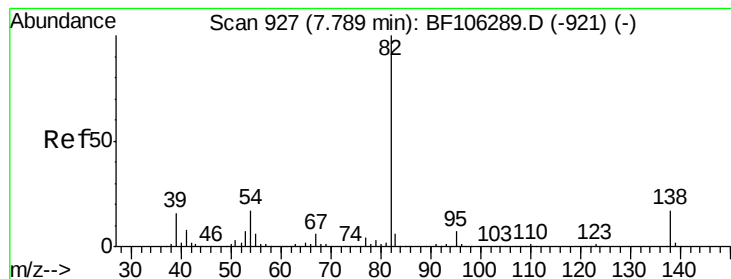
#24
 Nitrobenzene
 Concen: 42.109 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion: 77 Resp: 383946
 Ion Ratio Lower Upper
 77 100
 123 43.6 37.9 56.9
 65 13.8 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: 41.410 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

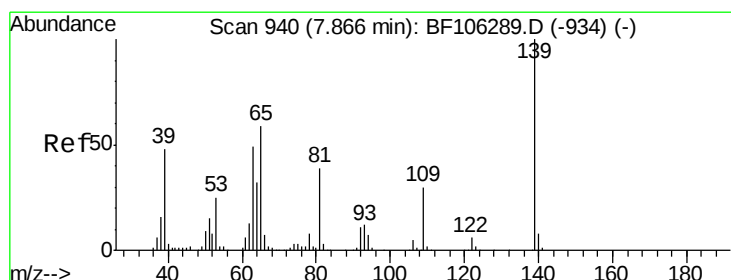
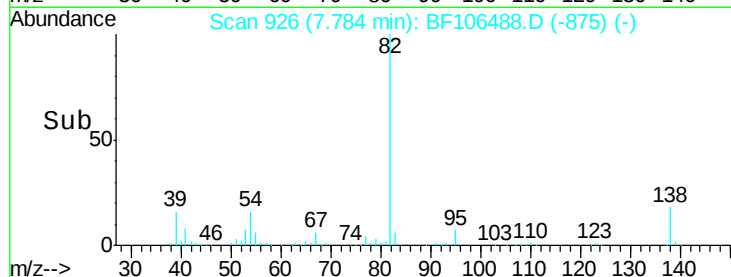
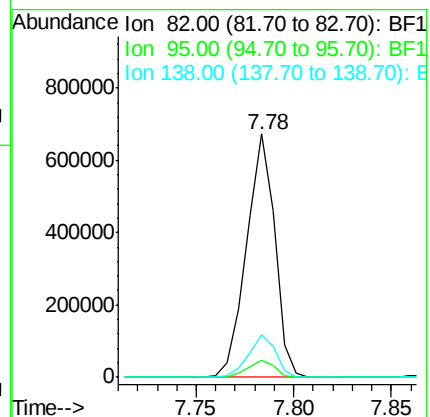
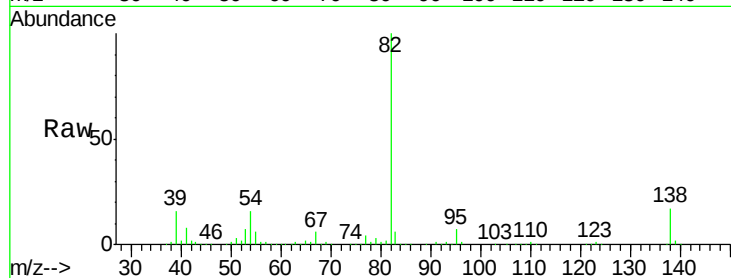
Tgt Ion: 82 Resp: 678530

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 51.798 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

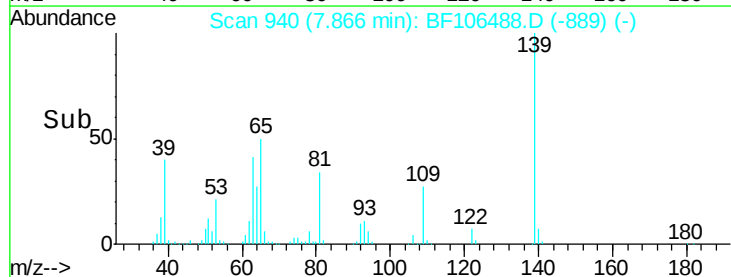
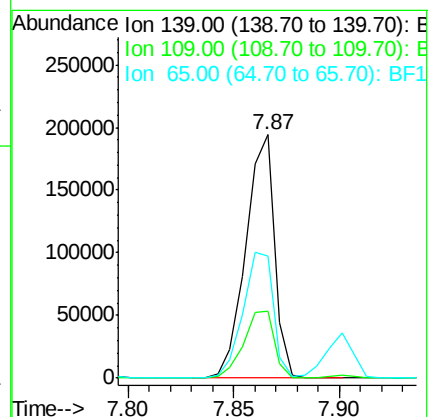
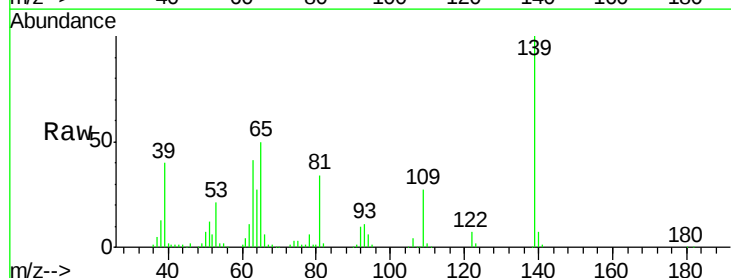
Tgt Ion: 139 Resp: 183321

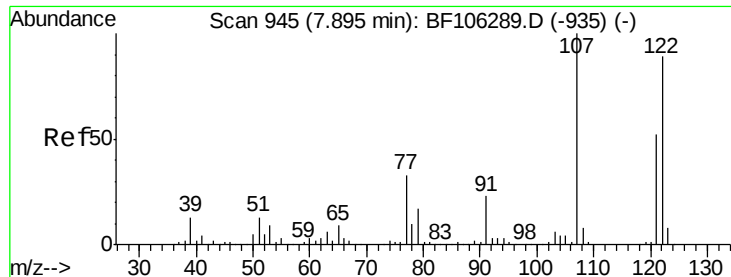
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 50.1 40.5 60.7

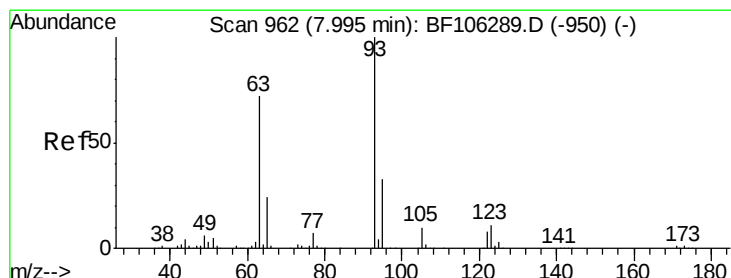
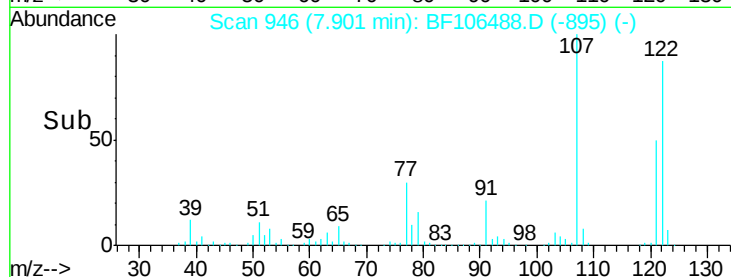
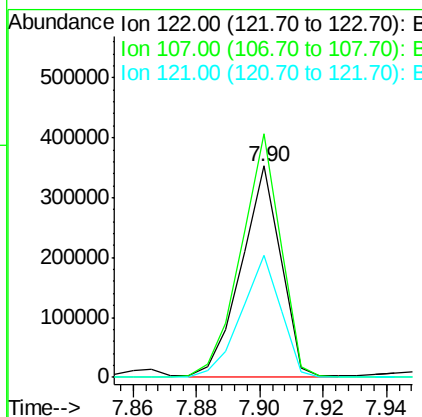
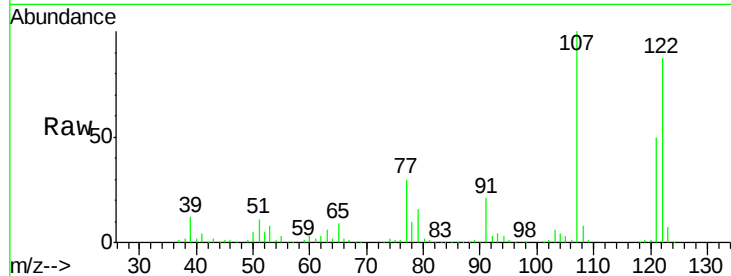




#27
2,4-Dimethylphenol
Concen: 44.202 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

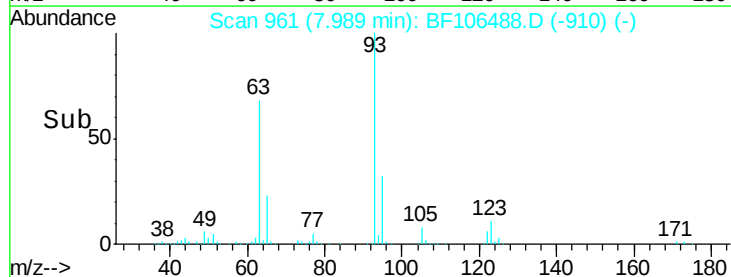
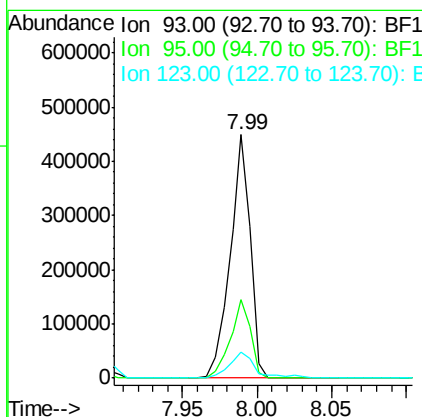
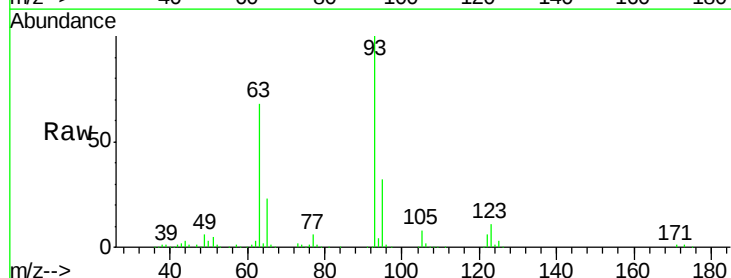
Instrument :
BNA_F
ClientSampleId :
PB110238BS

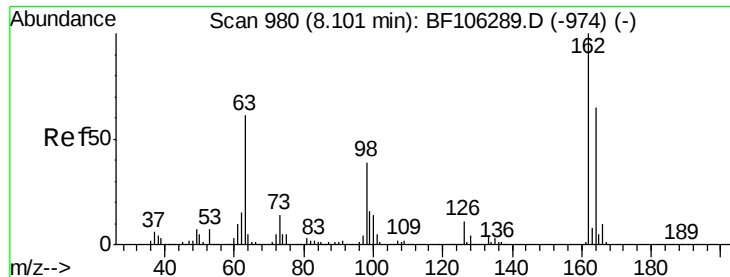
Tgt Ion:122 Resp: 306618
Ion Ratio Lower Upper
122 100
107 115.1 91.2 136.8
121 57.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.195 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion: 93 Resp: 427058
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 10.7 9.8 14.6

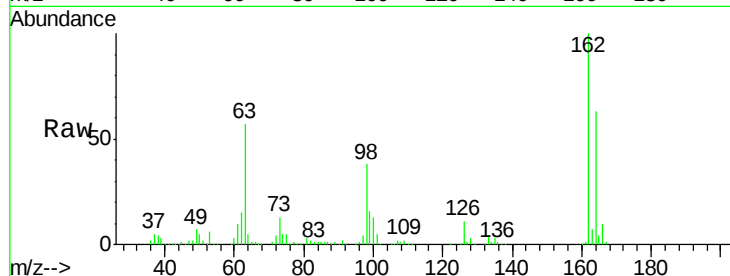




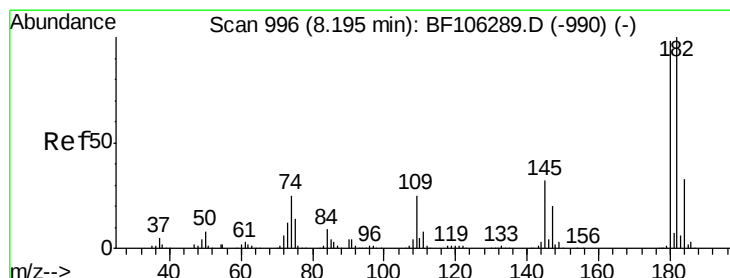
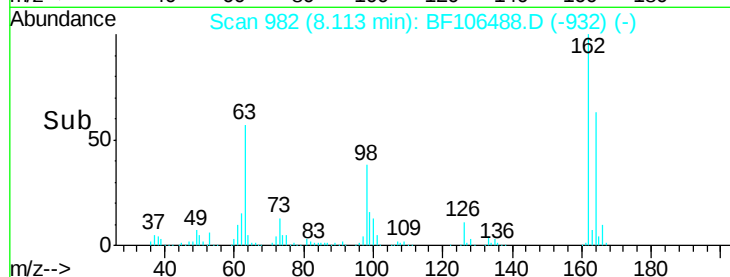
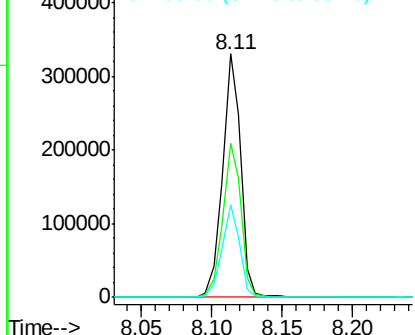
#29
2,4-Dichlorophenol
Concen: 43.968 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tgt Ion:162 Resp: 294242
Ion Ratio Lower Upper
162 100
164 63.3 42.7 82.7
98 37.9 18.1 58.1

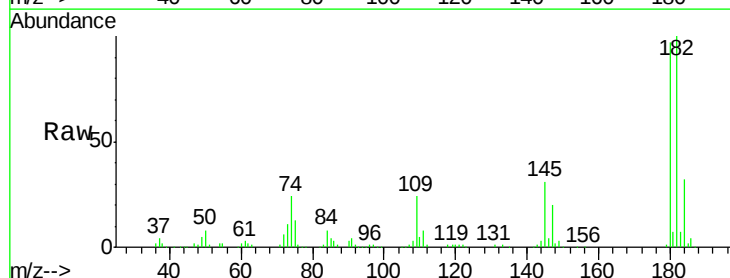


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

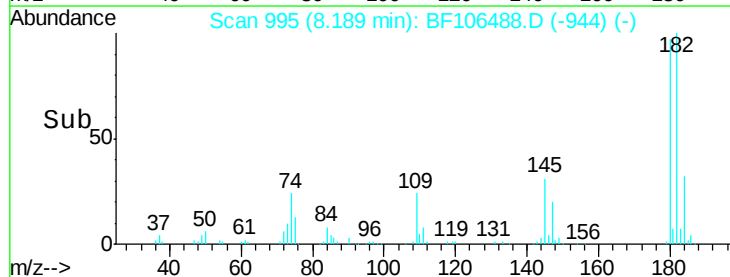
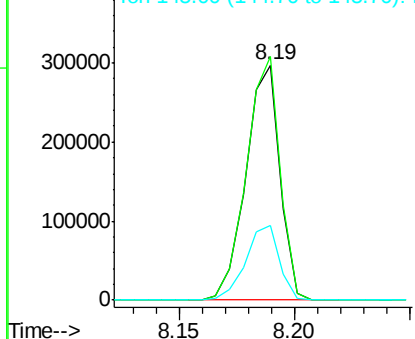


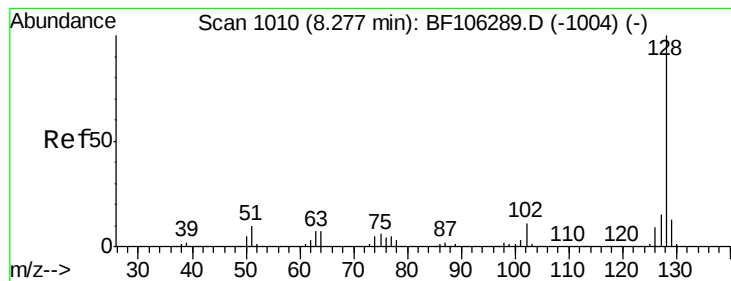
#30
1,2,4-Trichlorobenzene
Concen: 40.688 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:180 Resp: 305304
Ion Ratio Lower Upper
180 100
182 103.5 76.8 115.2
145 31.9 26.5 39.7



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





#31

Naphthalene

Concen: 41.513 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

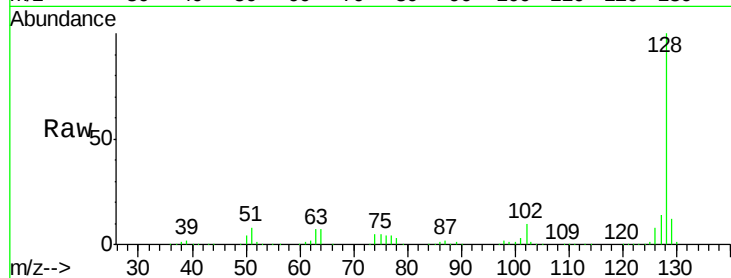
Tgt Ion:128 Resp: 926119

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

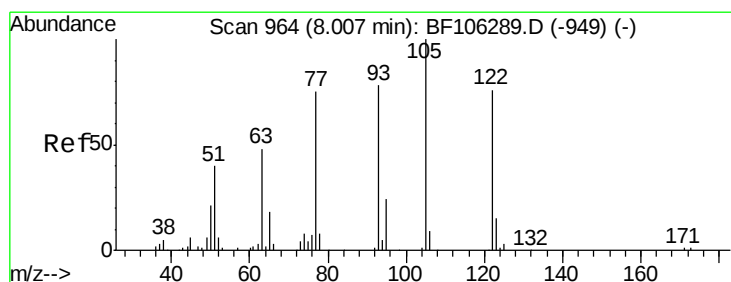
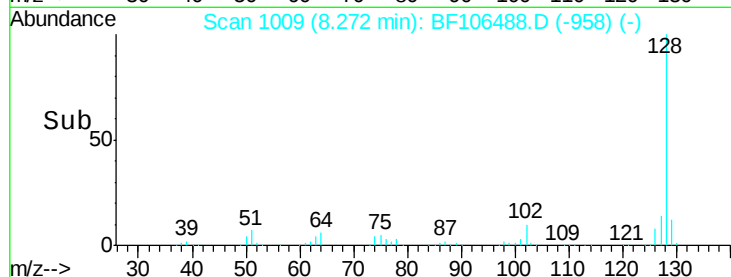
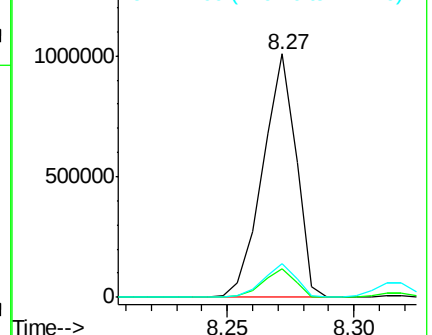
127 14.0 10.9 16.3



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: 38.802 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

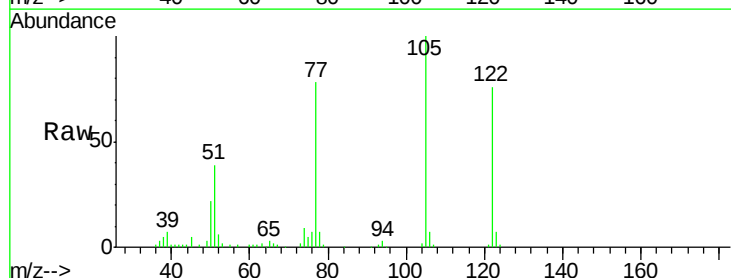
Tgt Ion:122 Resp: 190100

Ion Ratio Lower Upper

122 100

105 132.1 101.1 141.1

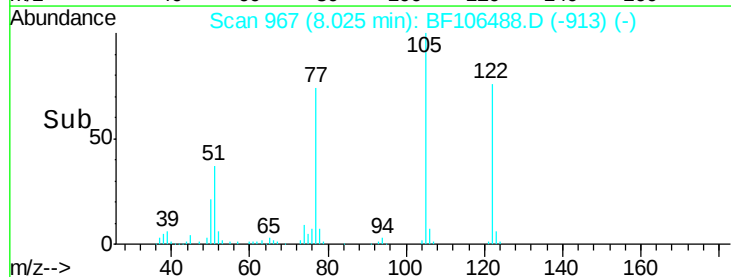
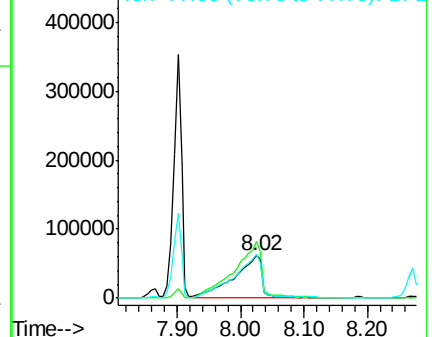
77 103.2 70.7 110.7

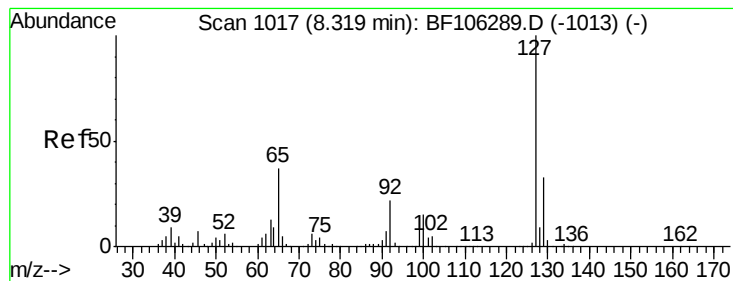


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 7.942 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tgt Ion:127 Resp: 78516

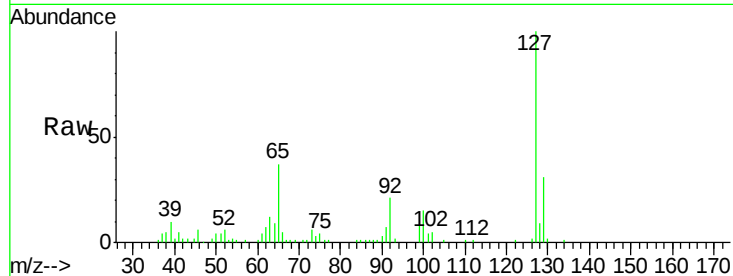
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 37.0 25.0 37.4

92 21.2 15.2 22.8

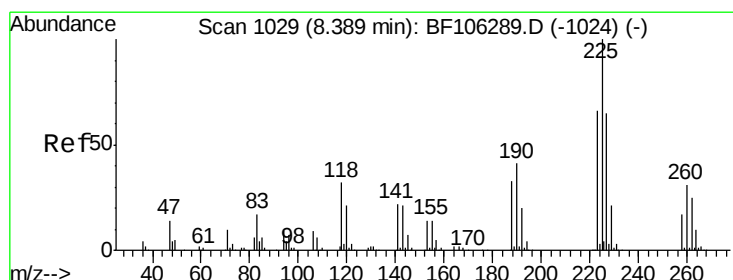
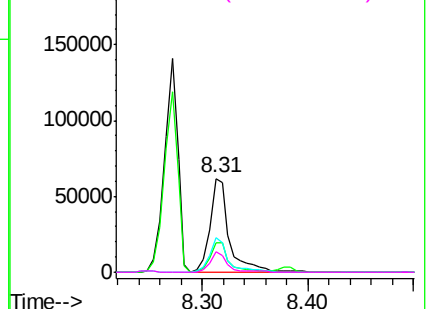
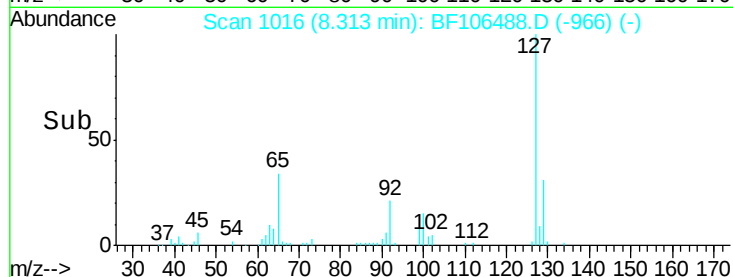


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.429 ng

RT: 8.38 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

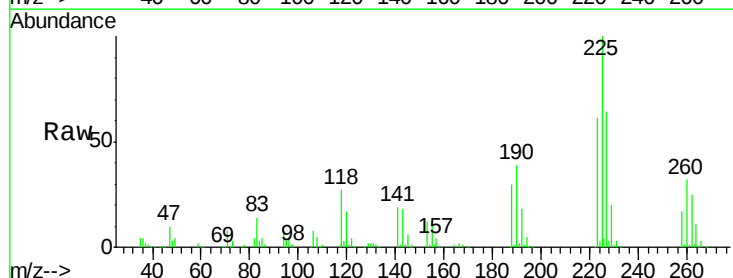
Tgt Ion:225 Resp: 194894

Ion Ratio Lower Upper

225 100

223 61.2 50.6 76.0

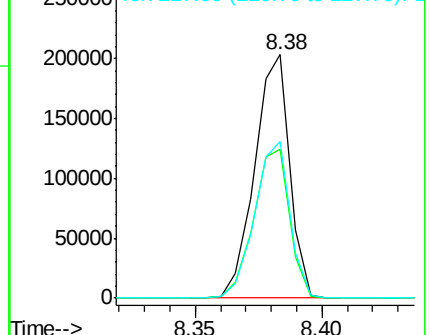
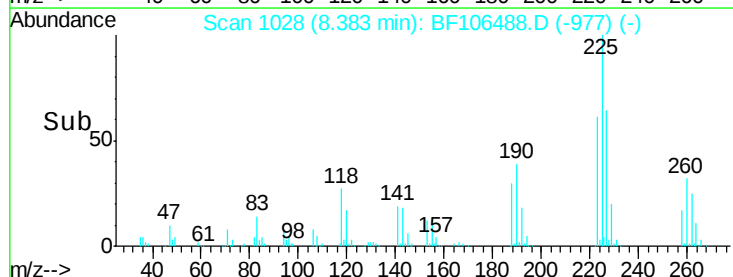
227 64.2 51.9 77.9

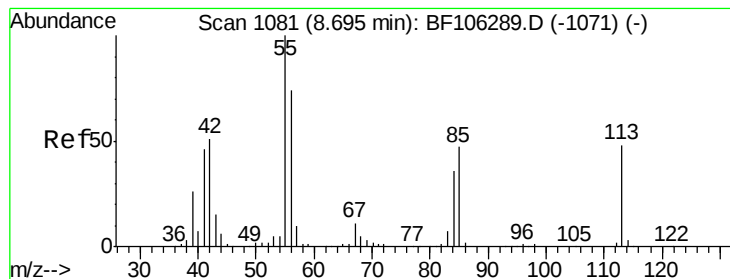


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.894 ng

RT: 8.69 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

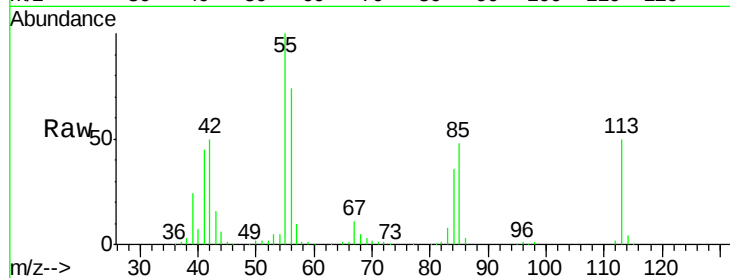
Tgt Ion:113 Resp: 60877

Ion Ratio Lower Upper

113 100

55 201.1 163.3 203.3

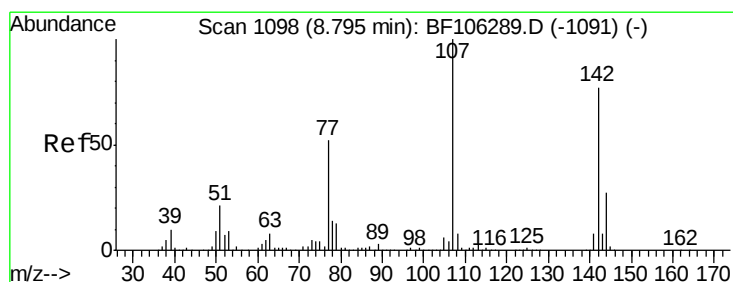
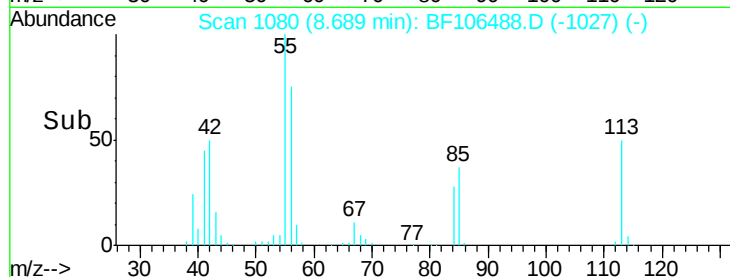
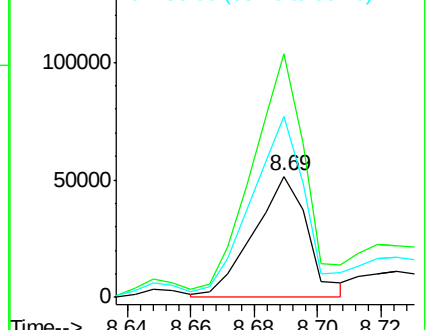
56 149.2 115.7 155.7



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: 42.665 ng

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

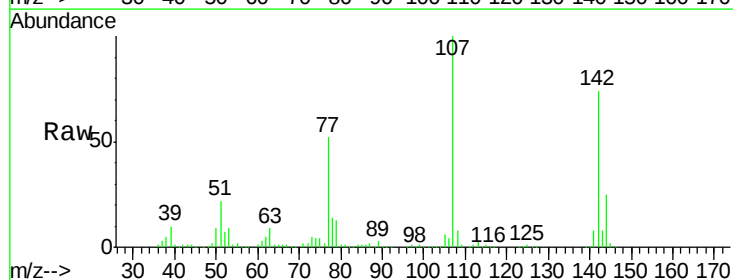
Tgt Ion:107 Resp: 315831

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

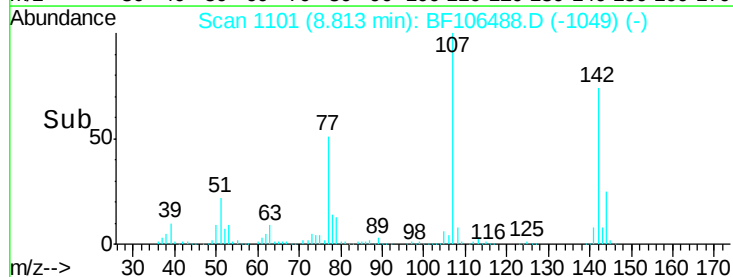
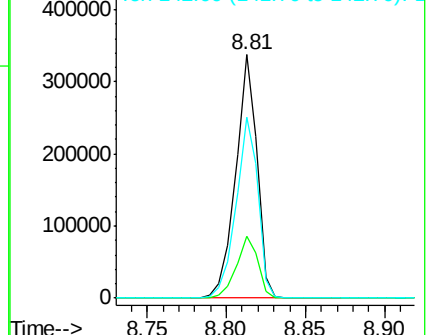
142 74.1 62.0 93.0

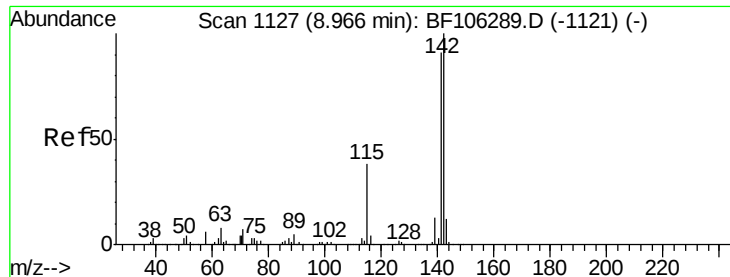


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

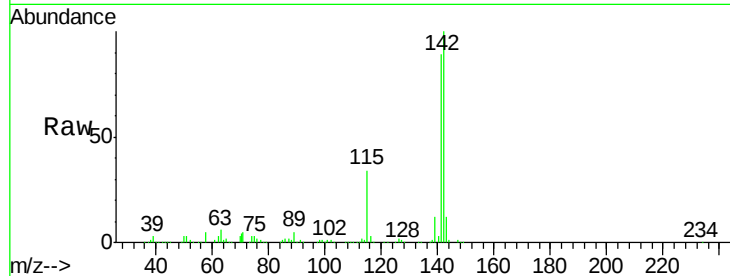




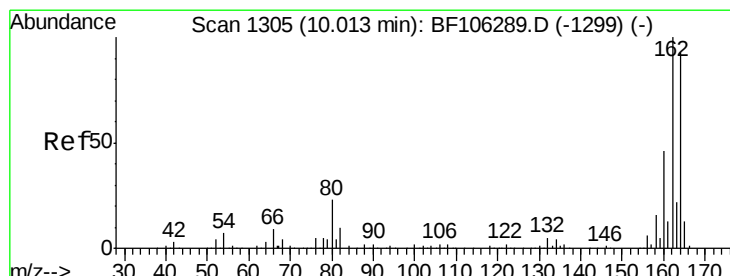
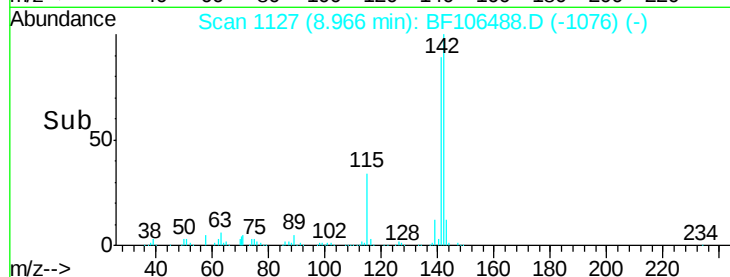
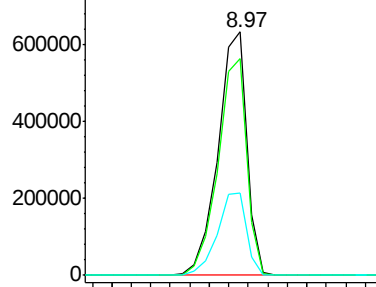
#37
 2-Methylnaphthalene
 Concen: 42.575 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tgt Ion:142 Resp: 646922
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 34.1 26.1 39.1

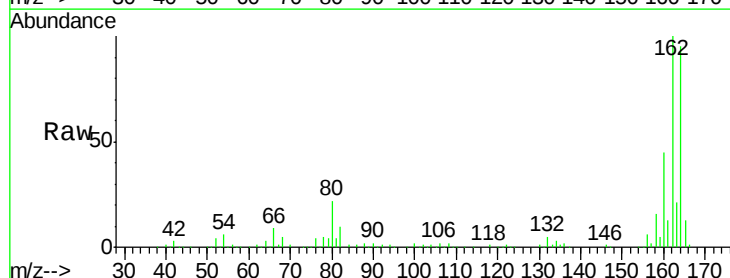


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

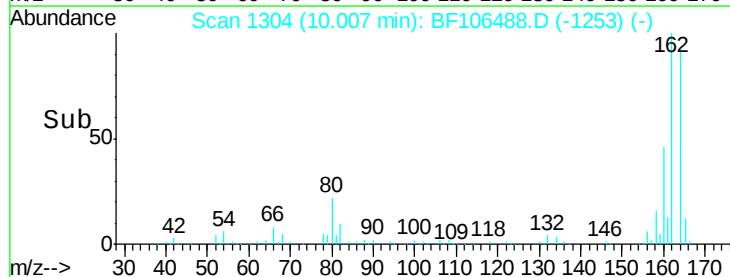
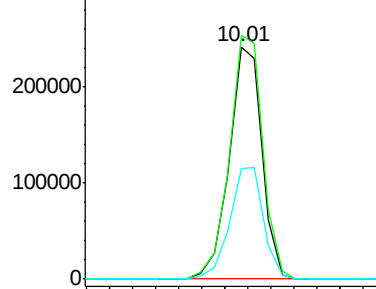


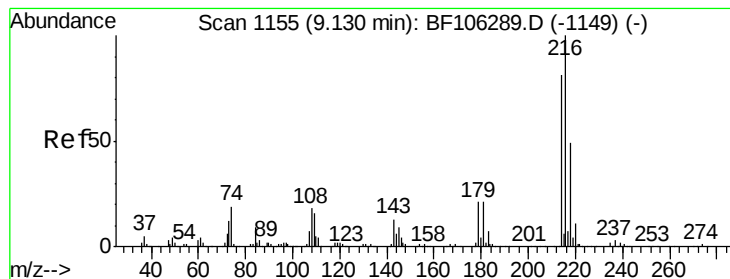
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:164 Resp: 238558
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 47.7 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.211 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tgt Ion:216 Resp: 319147

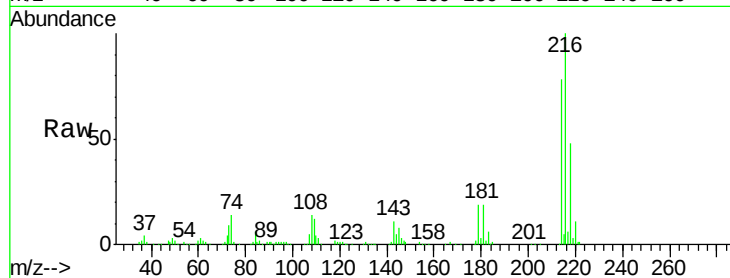
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.0 18.1 27.1

108 20.4 17.2 25.8

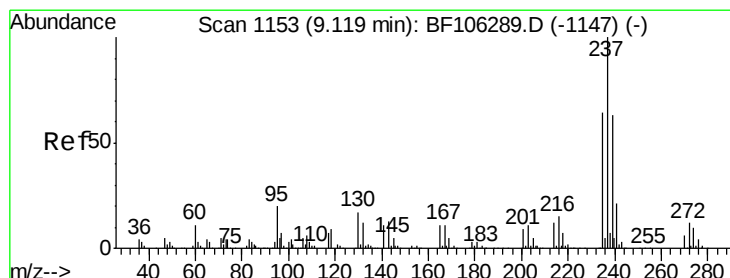
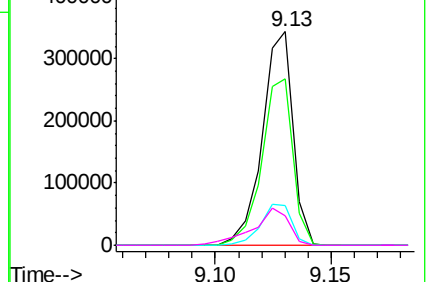
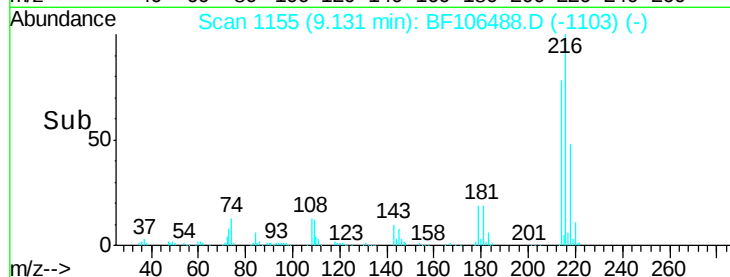


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.373 ng

RT: 9.11 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

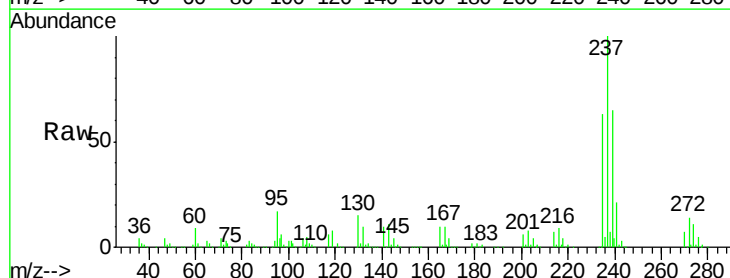
Tgt Ion:237 Resp: 394687

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

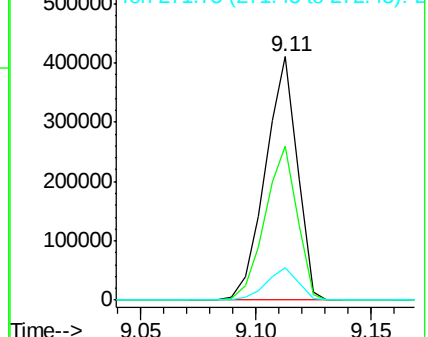
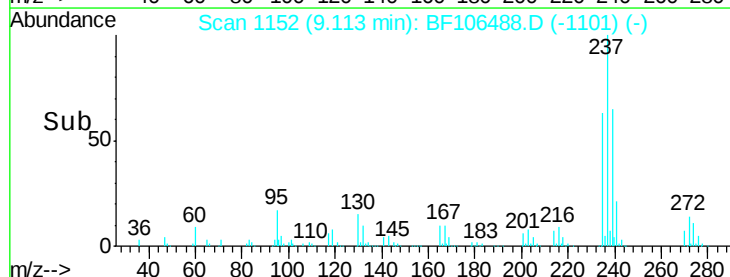
272 13.6 0.0 33.3

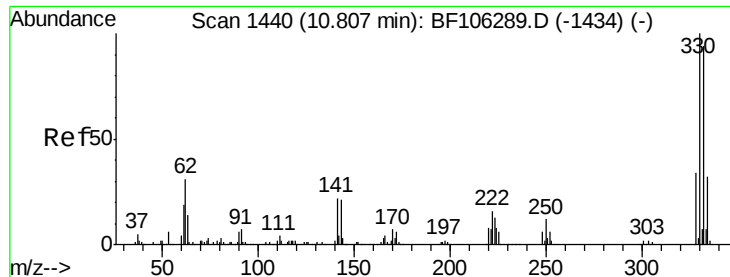


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

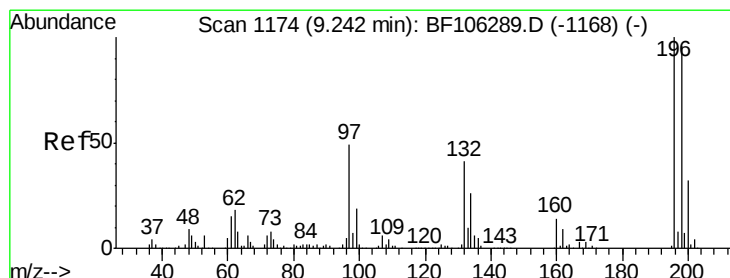
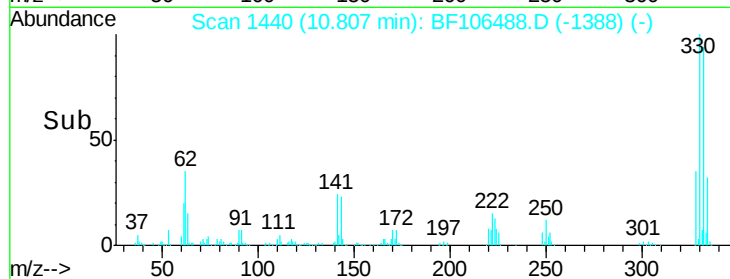
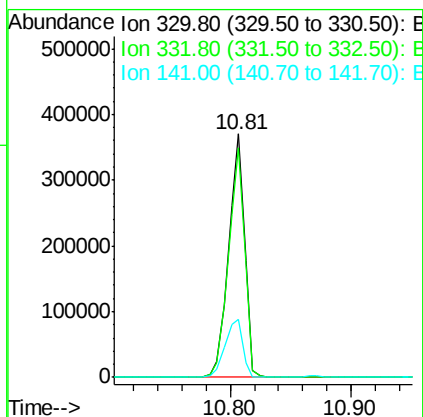
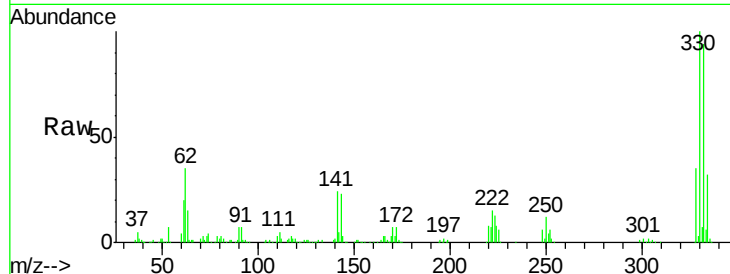




#41
 2,4,6-Tribromophenol
 Concen: 148.720 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

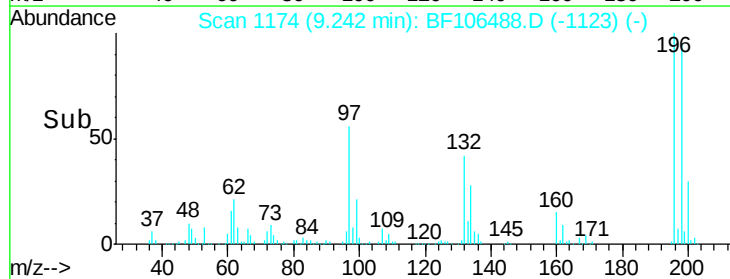
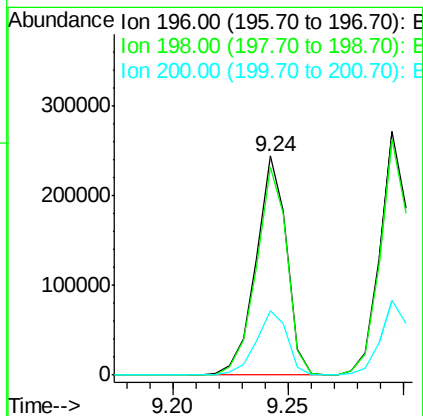
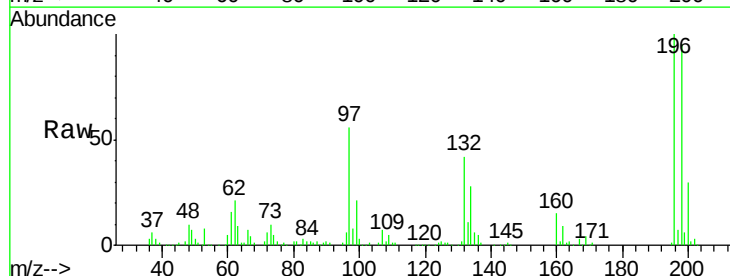
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

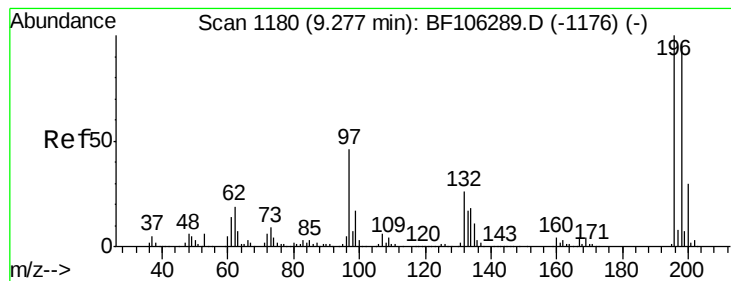
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.723 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	29.7	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 43.424 ng

RT: 9.30 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tgt Ion:196 Resp: 231032

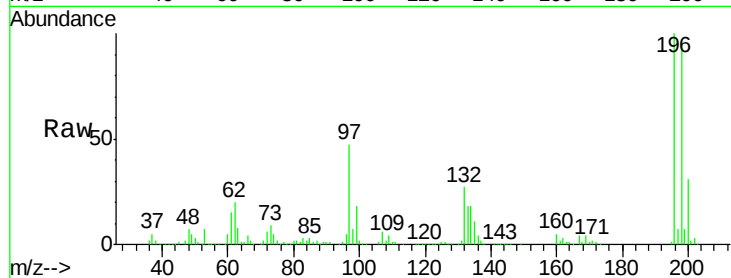
Ion Ratio Lower Upper

196 100

198 96.9 74.6 112.0

97 47.3 42.9 64.3

132 26.8 26.3 39.5

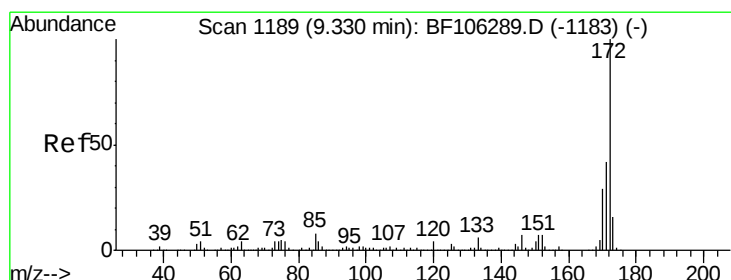
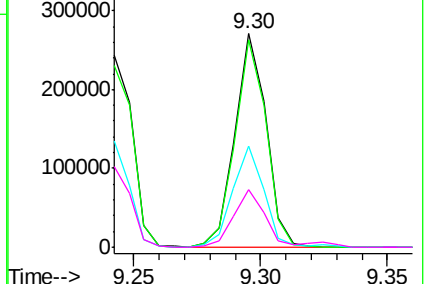
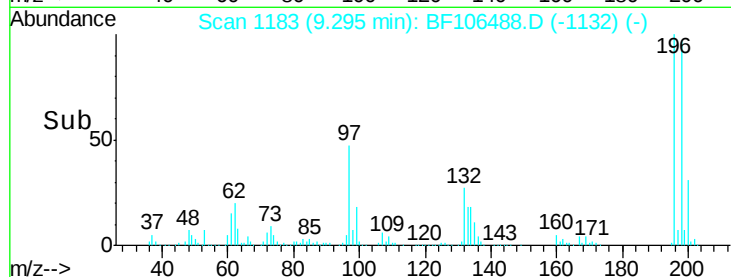


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 97.968 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

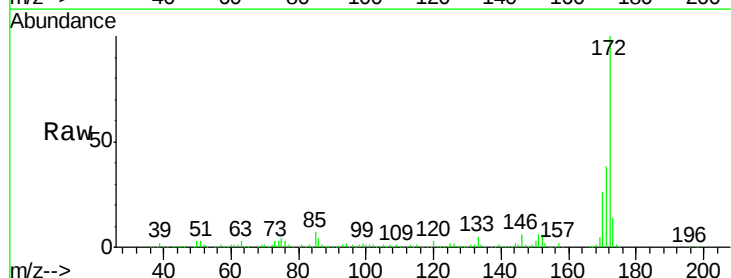
Tgt Ion:172 Resp: 1255354

Ion Ratio Lower Upper

172 100

171 38.5 29.7 44.5

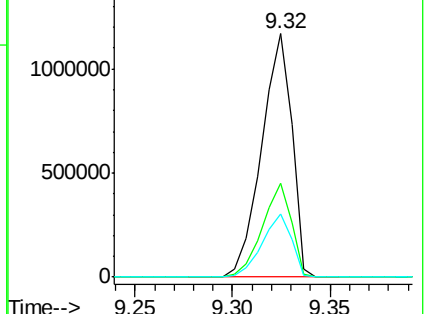
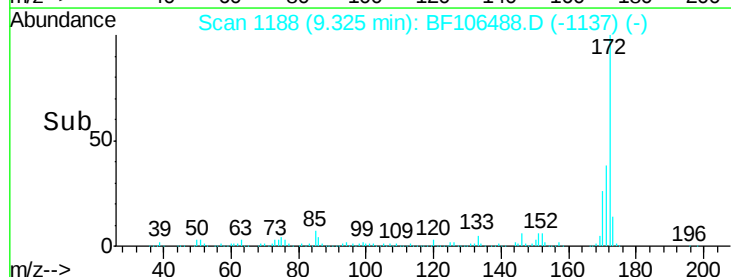
170 26.0 19.6 29.4

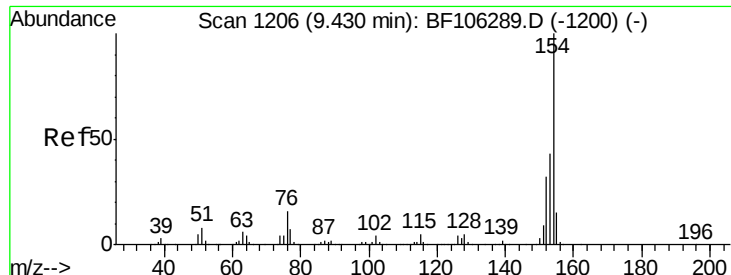


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

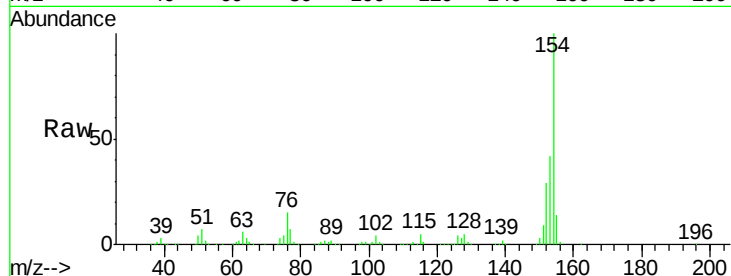




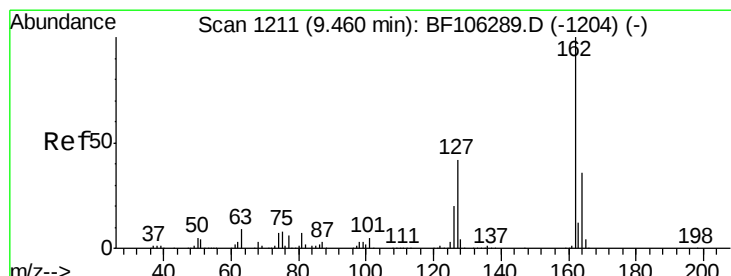
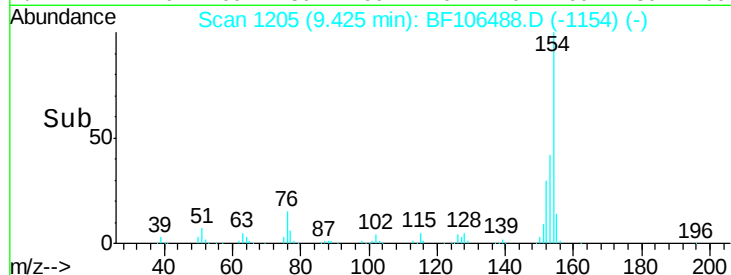
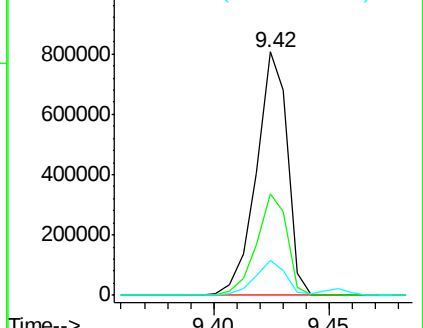
#45
 1,1'-Biphenyl
 Concen: 40.882 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tgt Ion:154 Resp: 755394
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.3 61.3
 76 14.5 0.0 34.0

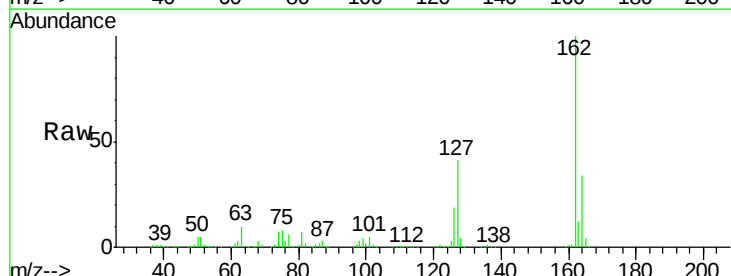


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

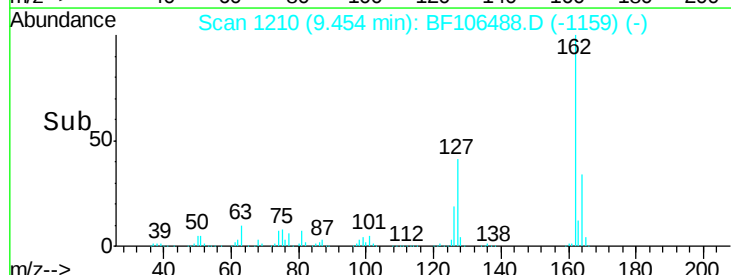
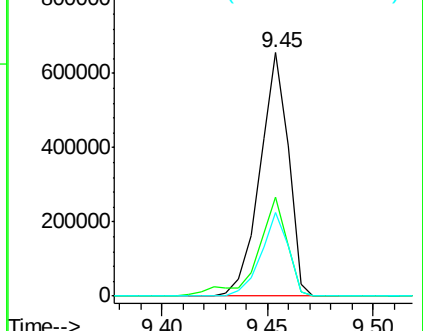


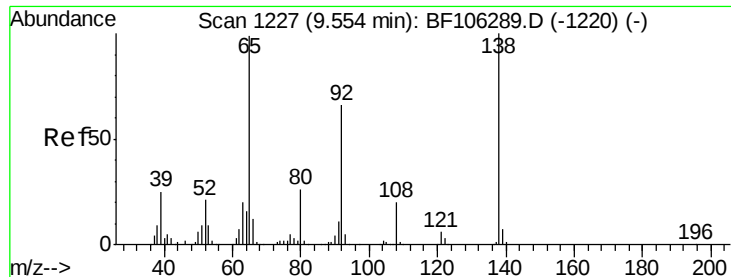
#46
 2-Chloronaphthalene
 Concen: 41.454 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:162 Resp: 612980
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 34.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

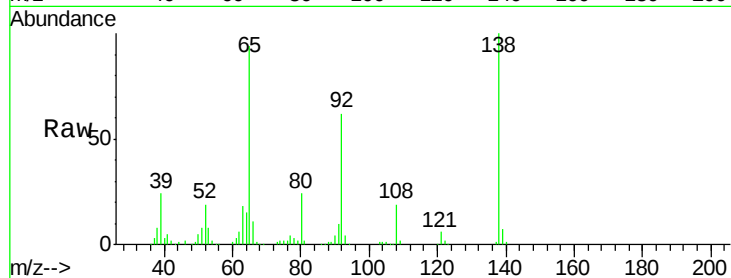




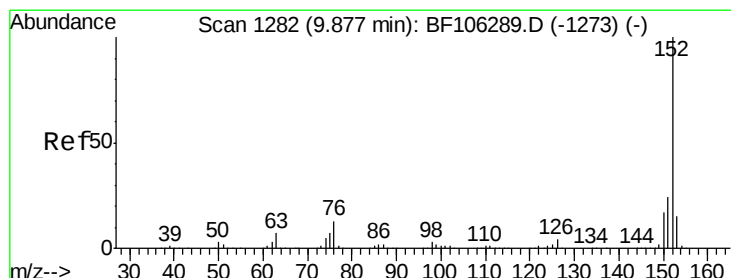
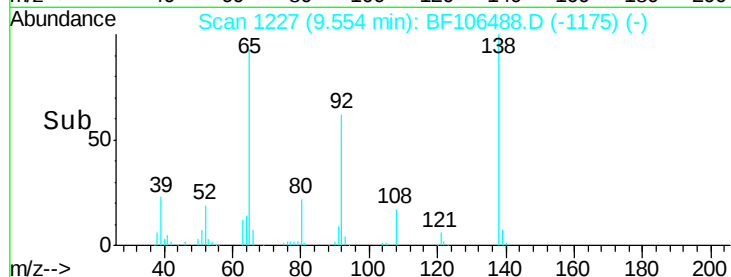
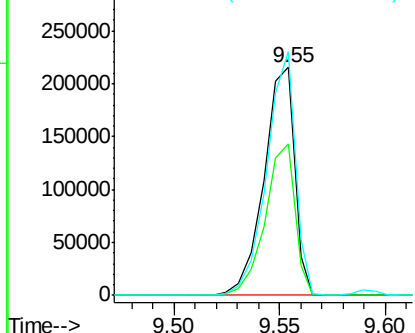
#47
2-Nitroaniline
Concen: 46.919 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tgt Ion: 65 Resp: 218252
Ion Ratio Lower Upper
65 100
92 66.5 55.8 83.6
138 106.8 91.2 136.8

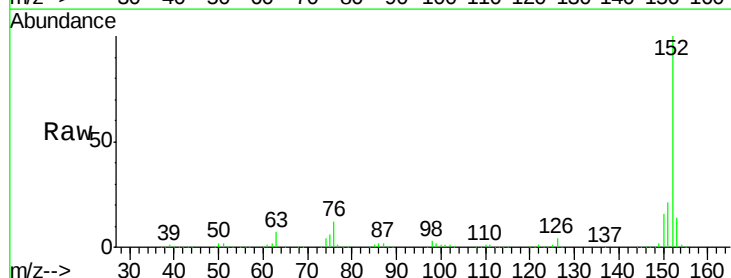


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

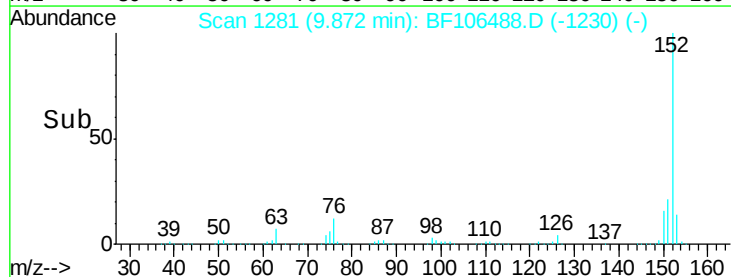
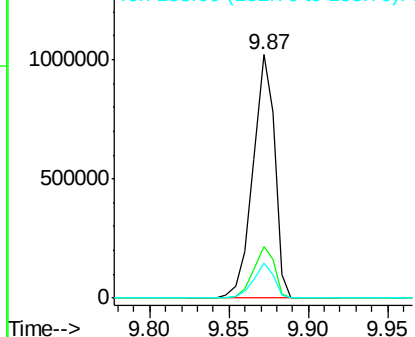


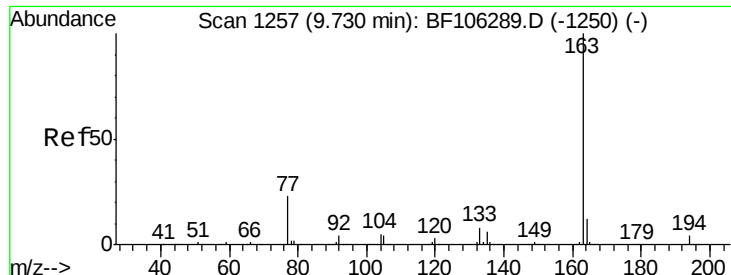
#48
Acenaphthylene
Concen: 42.832 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion: 152 Resp: 969430
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 14.2 10.7 16.1



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

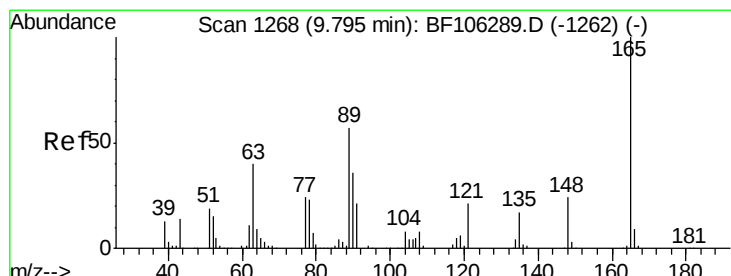
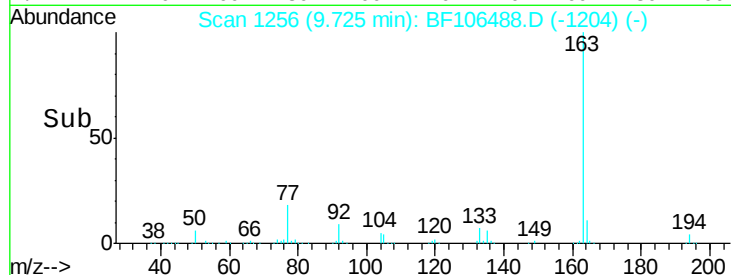
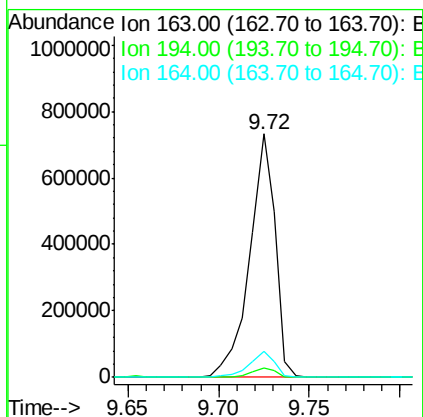
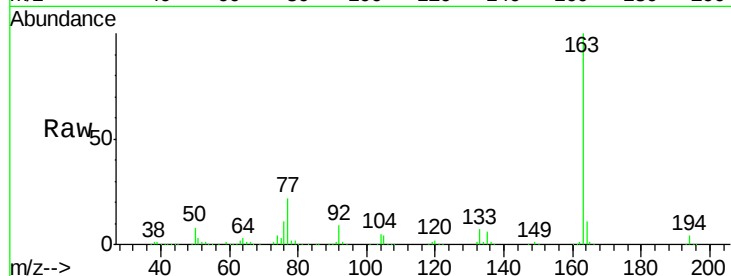




#49
 Dimethylphthalate
 Concen: 42.035 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

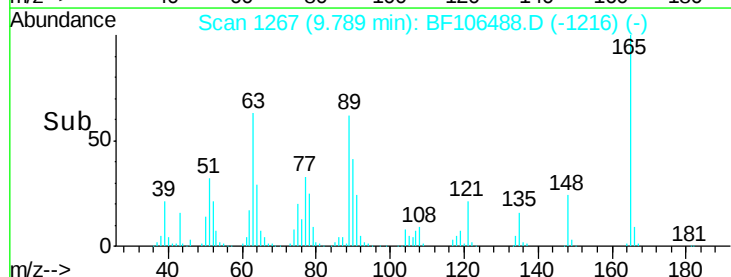
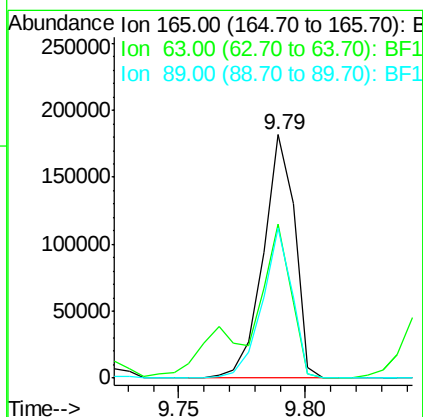
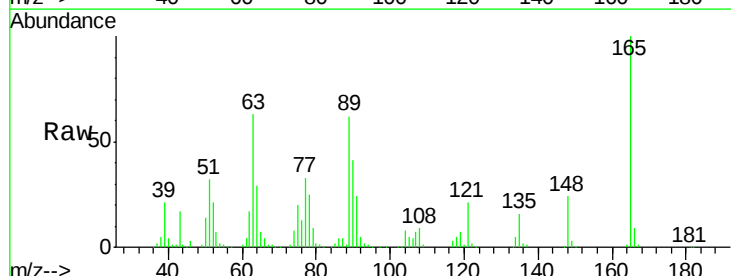
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

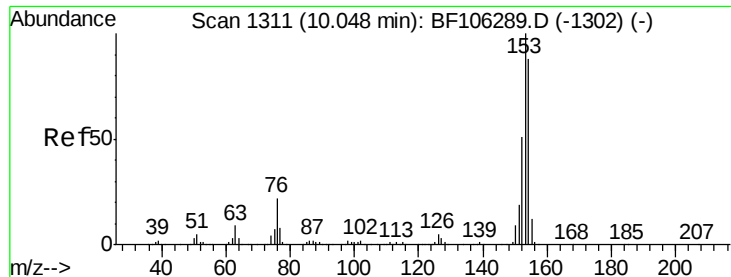
Tgt Ion:163 Resp: 716433
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.7 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 45.557 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:165 Resp: 158605
 Ion Ratio Lower Upper
 165 100
 63 63.1 44.7 67.1
 89 61.6 44.0 66.0





#51

Acenaphthene

Concen: 38.665 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

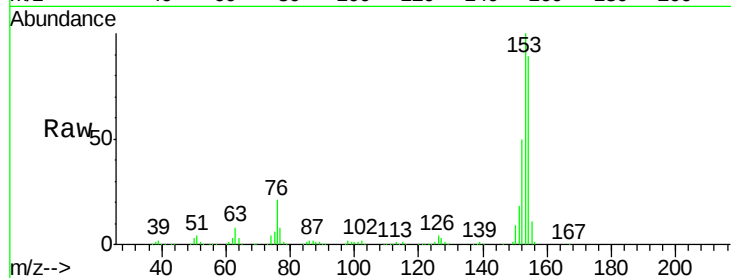
Tgt Ion:154 Resp: 565149

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

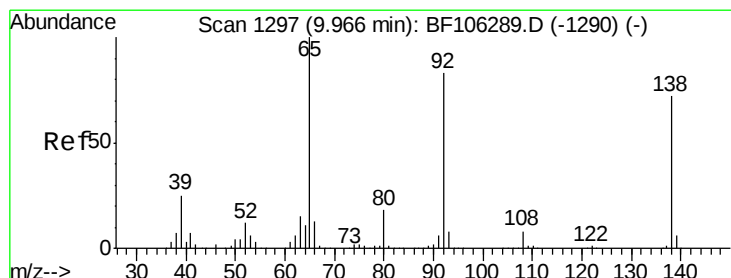
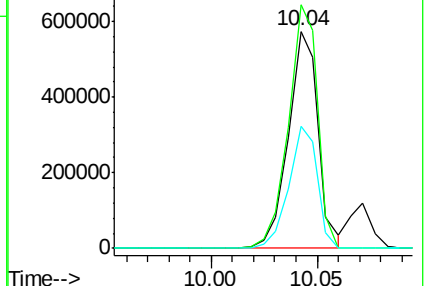
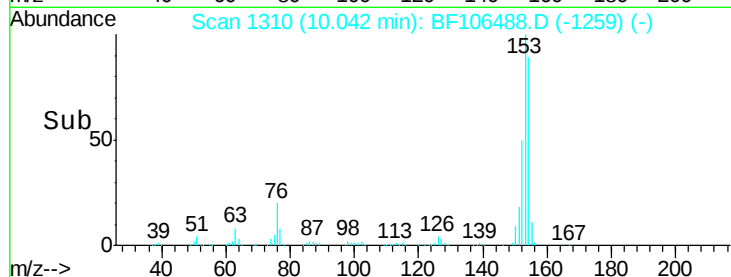
152 56.1 43.8 65.8



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: 14.360 ng

RT: 9.96 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

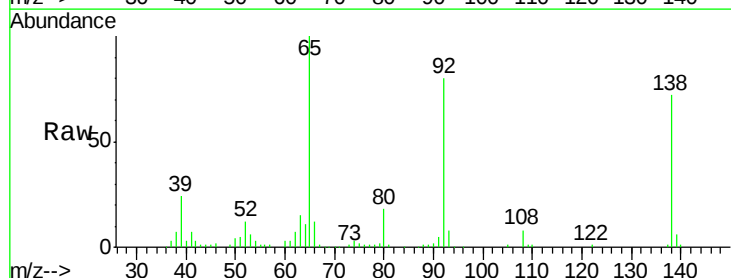
Tgt Ion:138 Resp: 59335

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

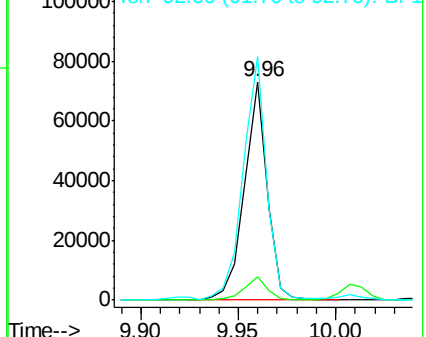
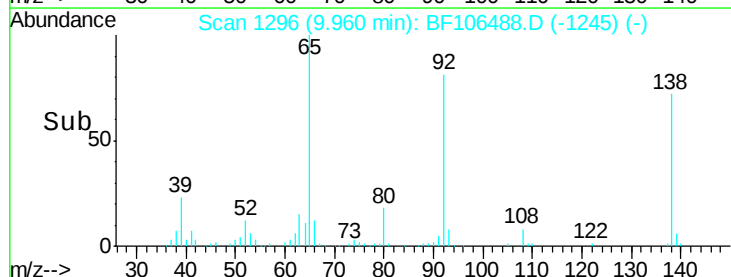
92 111.4 89.4 134.2

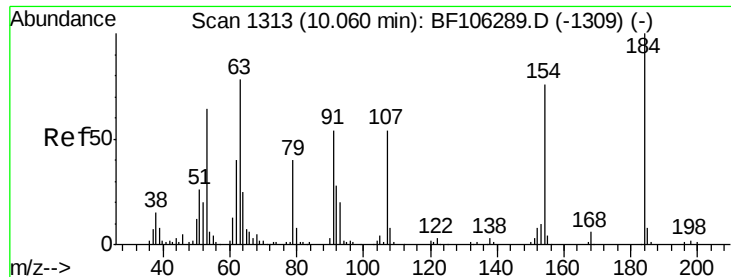


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

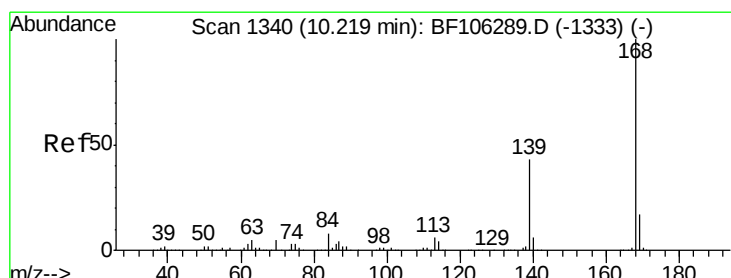
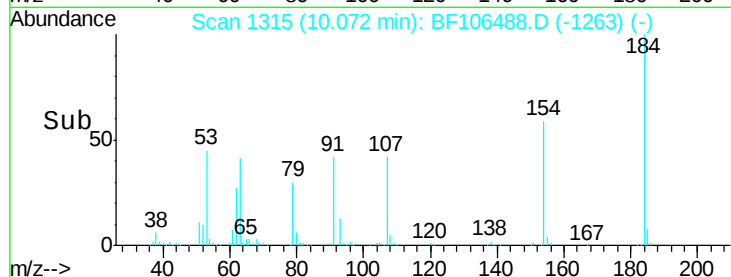
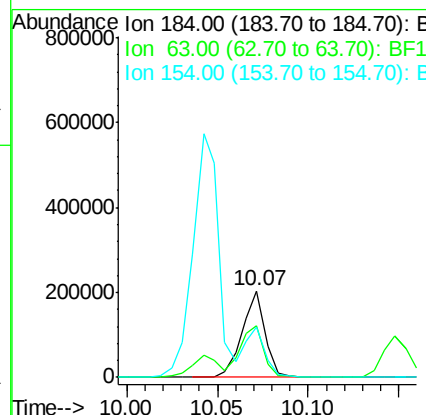
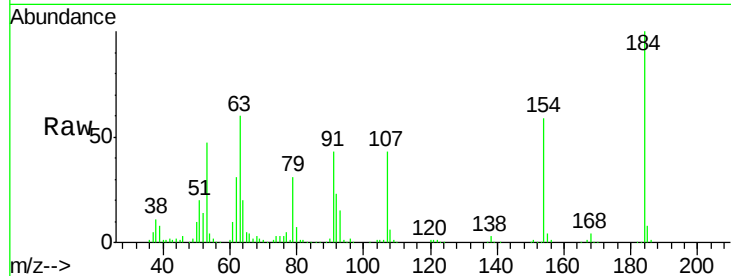




#53
2,4-Dinitrophenol
Concen: 108.776 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

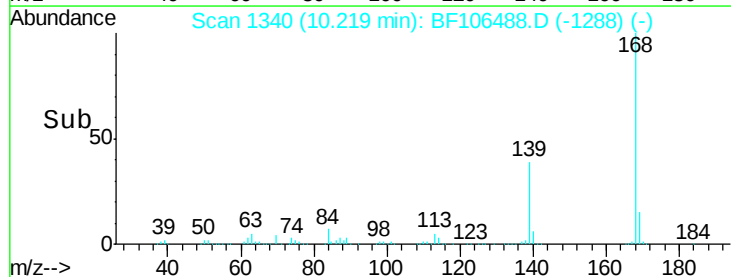
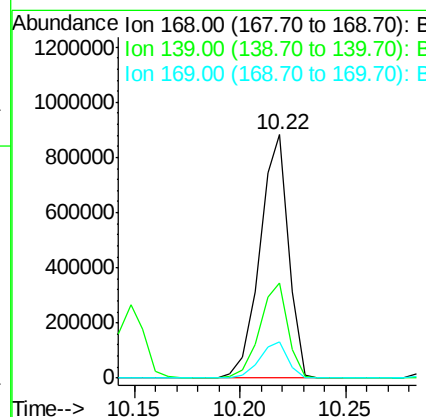
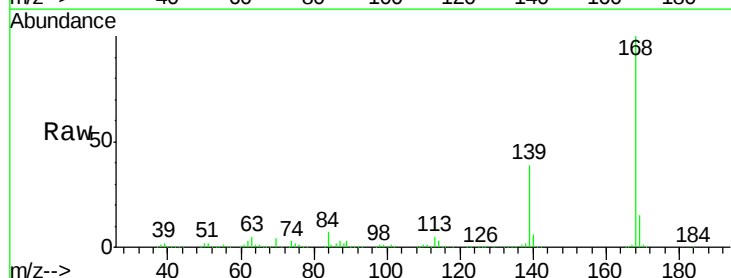
Instrument :
BNA_F
ClientSampleId :
PB110238BS

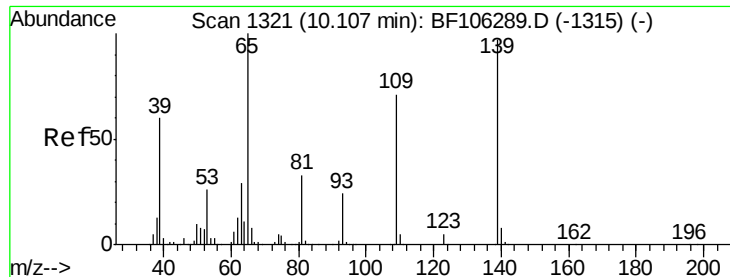
Tgt Ion:184 Resp: 179419
Ion Ratio Lower Upper
184 100
63 60.1 54.2 81.2
154 58.8 184.0 276.0#



#54
Dibenzofuran
Concen: 42.315 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:168 Resp: 832861
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.9 10.9 16.3

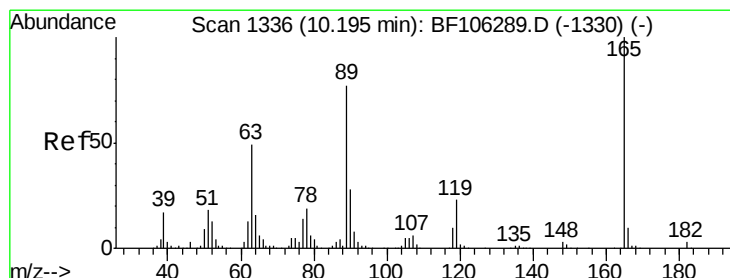
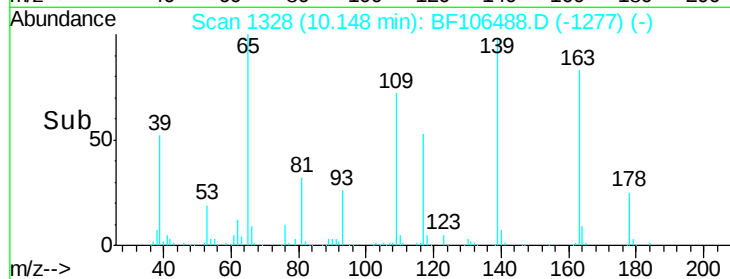
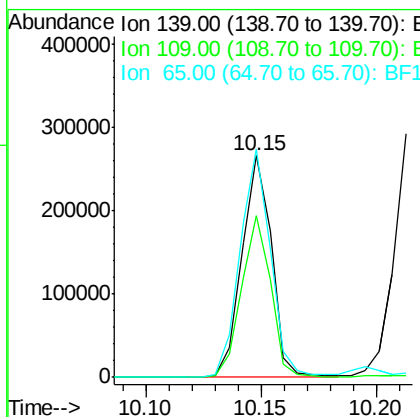
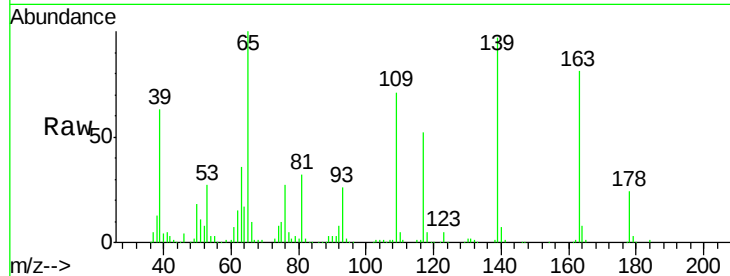




#55
4-Nitrophenol
Concen: 75.411 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

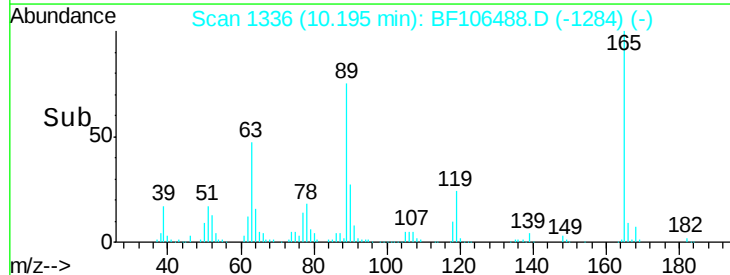
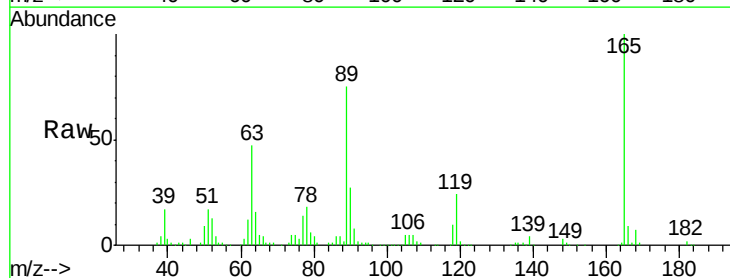
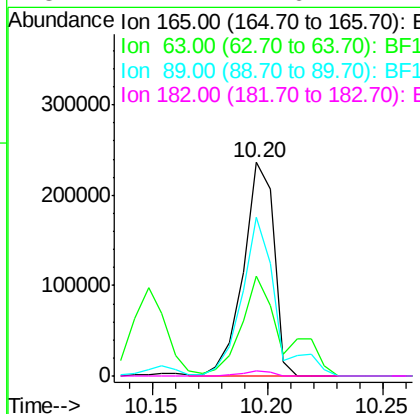
Instrument :
BNA_F
ClientSampleId :
PB110238BS

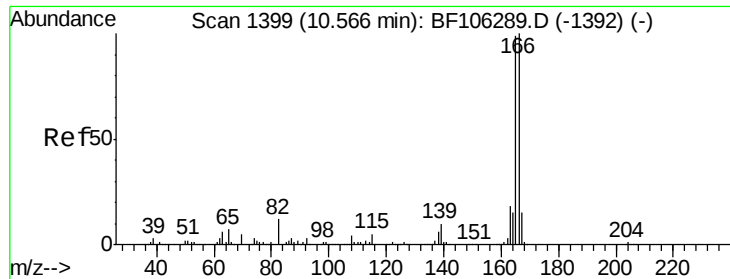
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	48.4	88.4
65	103.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 50.224 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.8	36.4	54.6
89	74.5	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 40.766 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

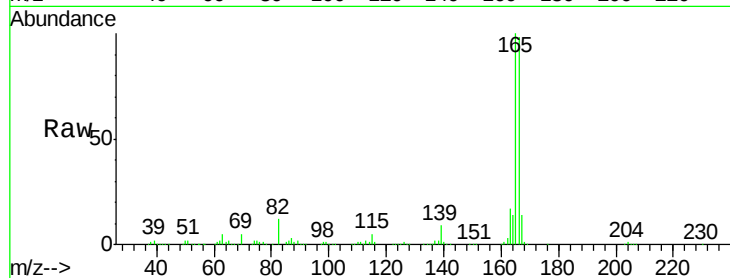
Tgt Ion:166 Resp: 635719

Ion Ratio Lower Upper

166 100

165 101.9 79.8 119.8

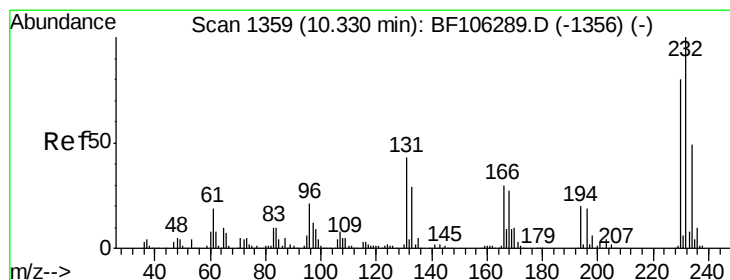
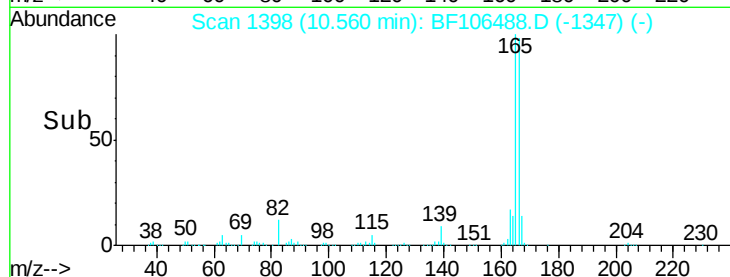
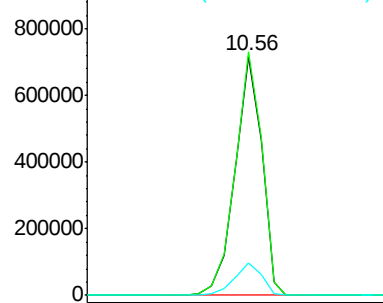
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.246 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:232 Resp: 203446

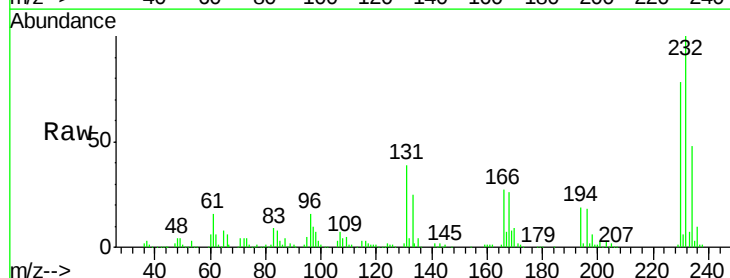
Ion Ratio Lower Upper

232 100

131 39.2 43.8 65.8#

130 1.9 2.1 3.1#

166 26.9 27.8 41.6#

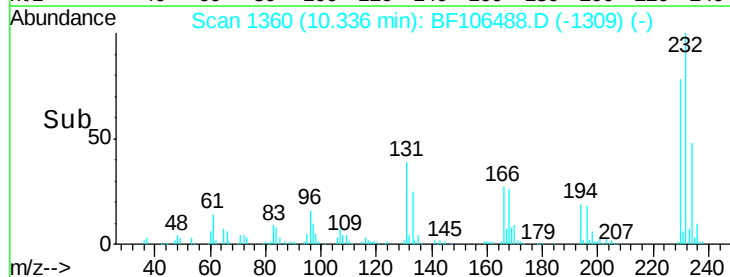
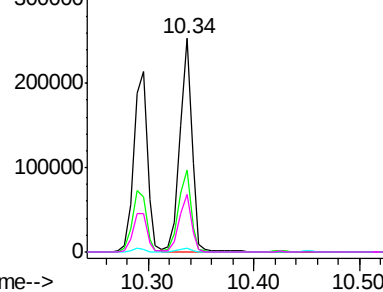


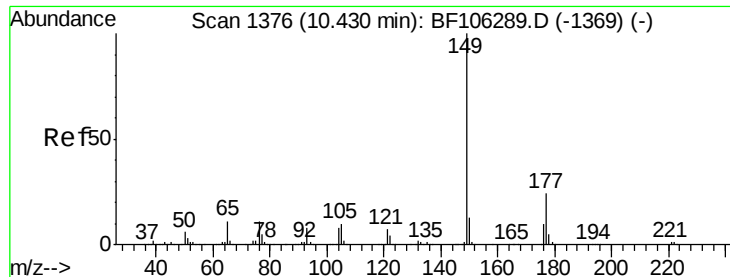
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

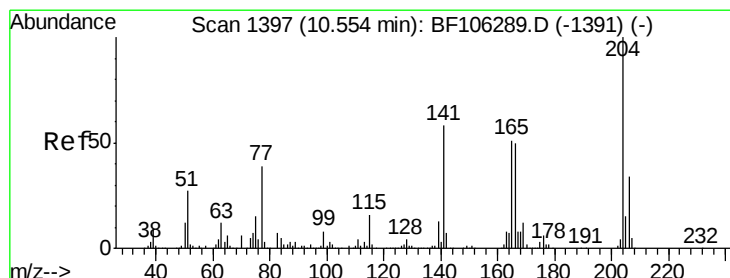
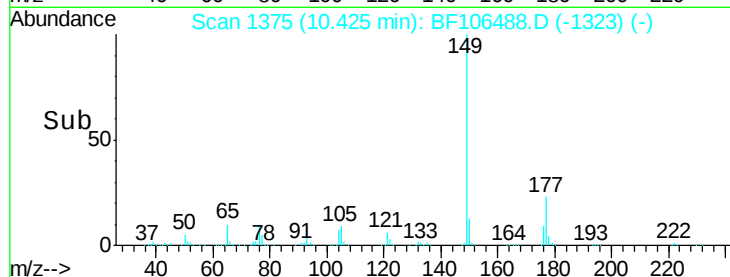
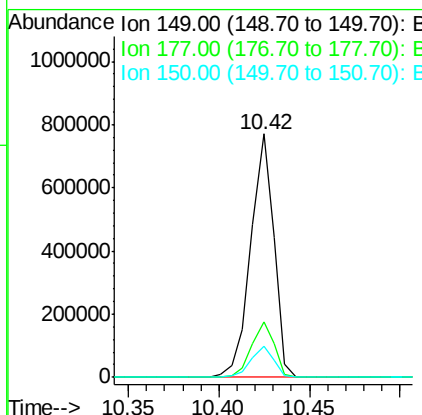
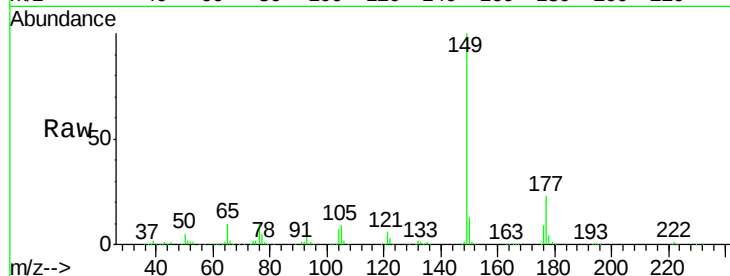




#59
Diethylphthalate
Concen: 40.480 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

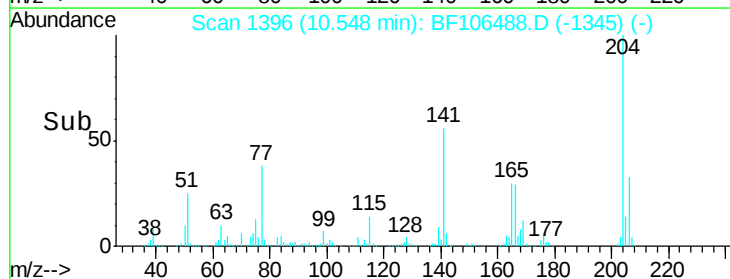
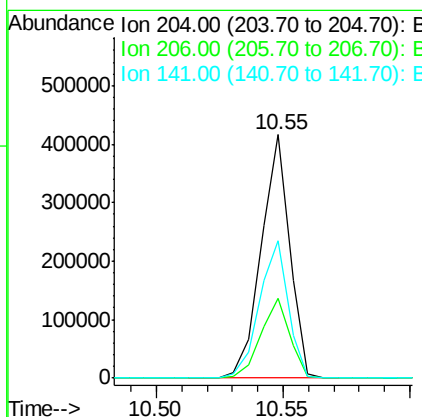
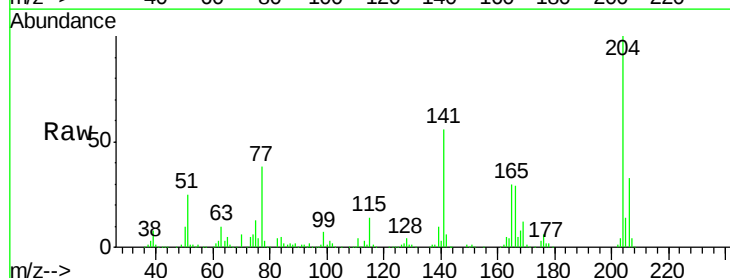
Instrument :
BNA_F
ClientSampleId :
PB110238BS

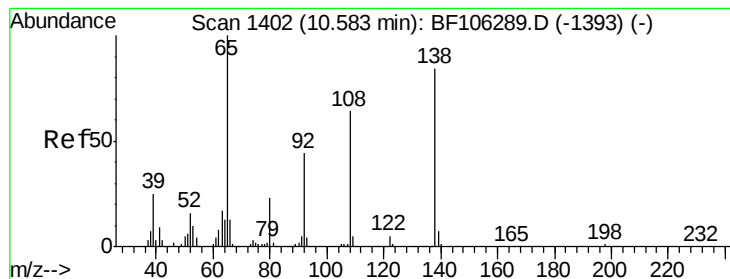
Tgt Ion:149 Resp: 684790
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.968 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:204 Resp: 327826
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 56.3 54.6 81.8





#61

4-Nitroaniline

Concen: 44.114 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

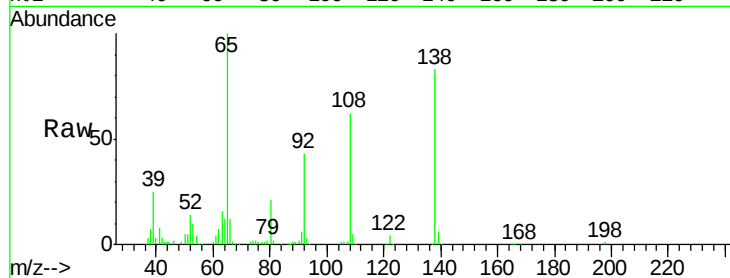
Tgt Ion:138 Resp: 177348

Ion Ratio Lower Upper

138 100

92 51.8 30.2 70.2

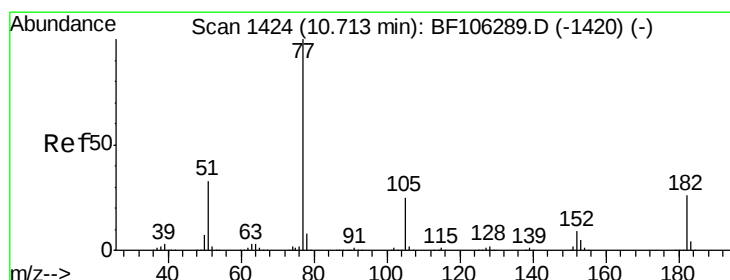
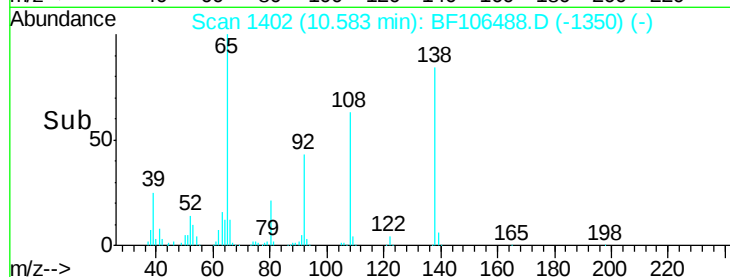
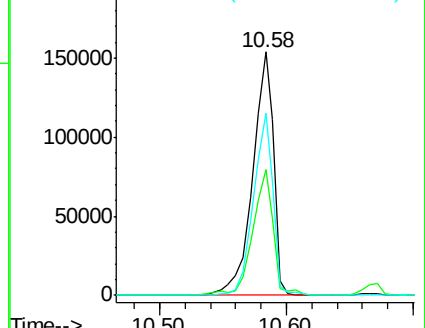
108 74.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.088 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion: 77 Resp: 707128

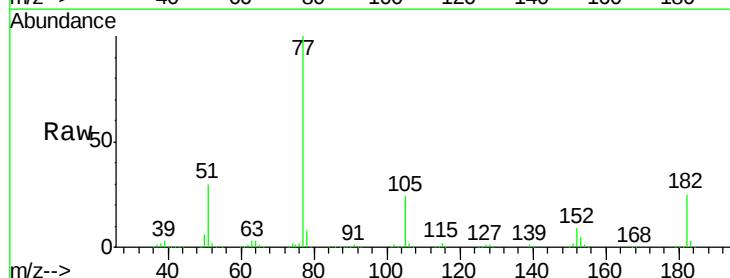
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 24.2 3.0 43.0

51 29.9 9.9 49.9

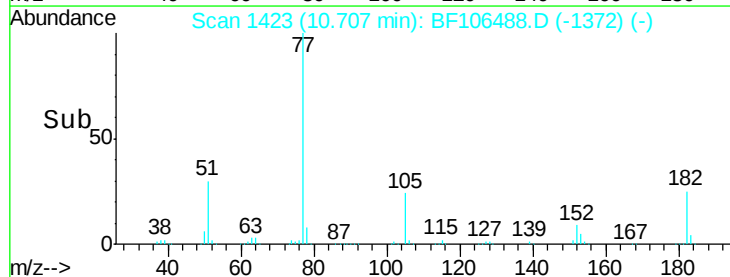
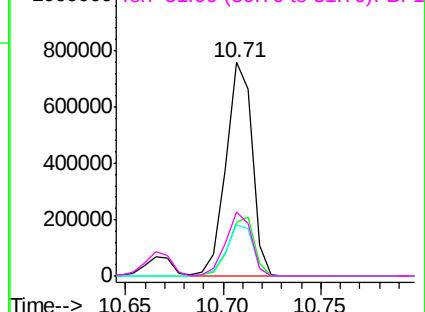


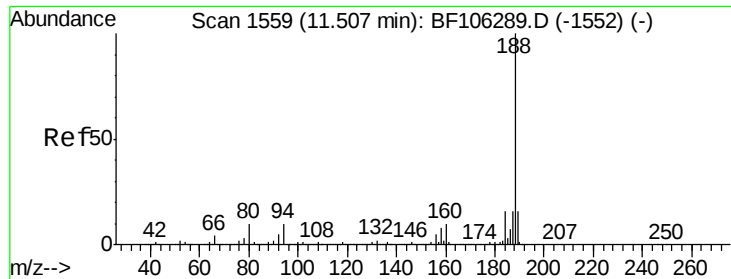
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

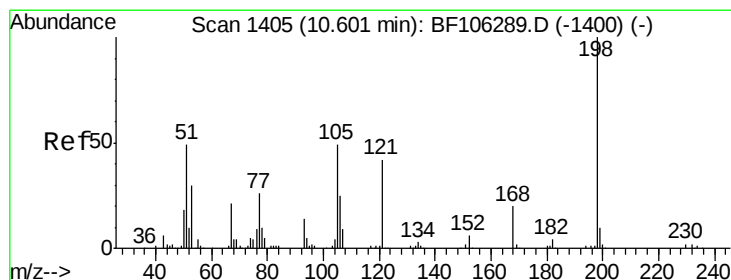
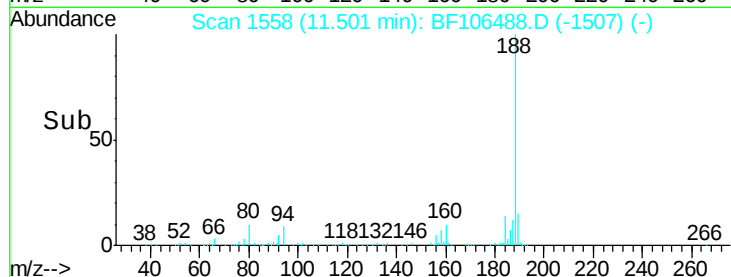
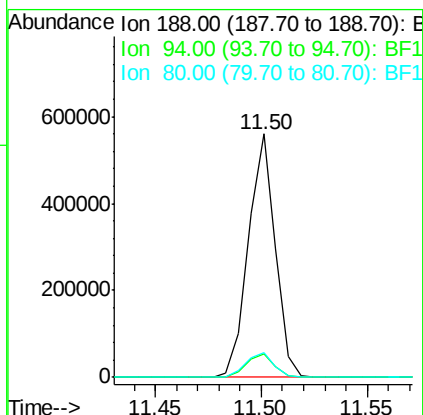
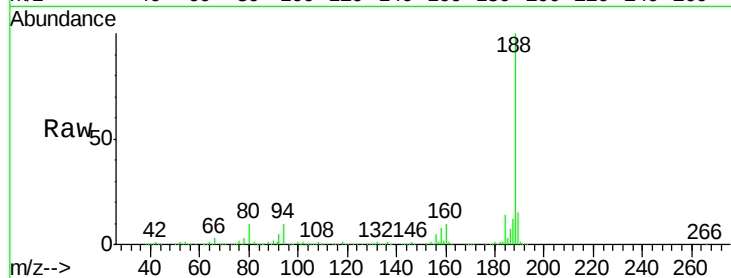




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

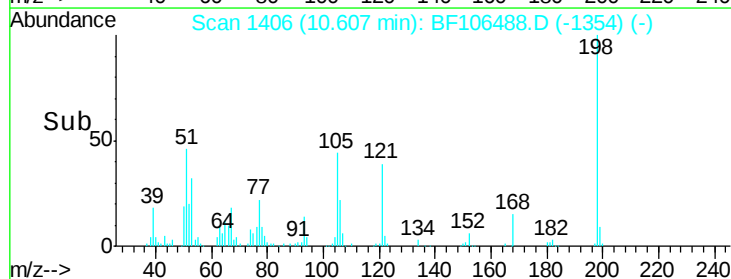
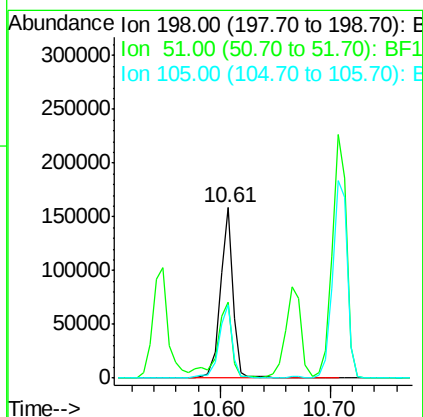
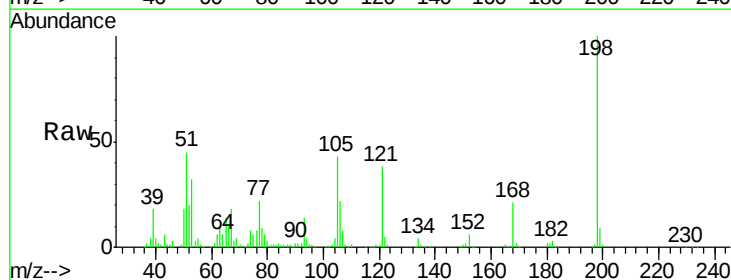
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

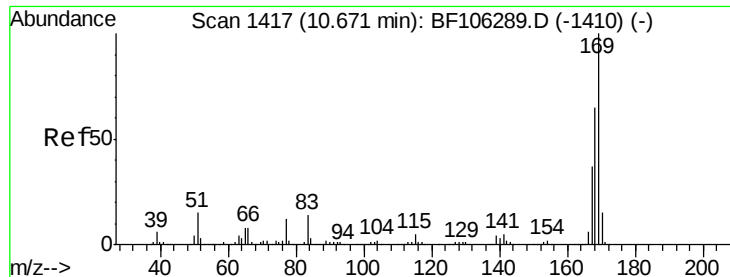
Tgt Ion:188 Resp: 493895
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.144 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:198 Resp: 125263
 Ion Ratio Lower Upper
 198 100
 51 44.8 37.7 77.7
 105 43.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.922 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

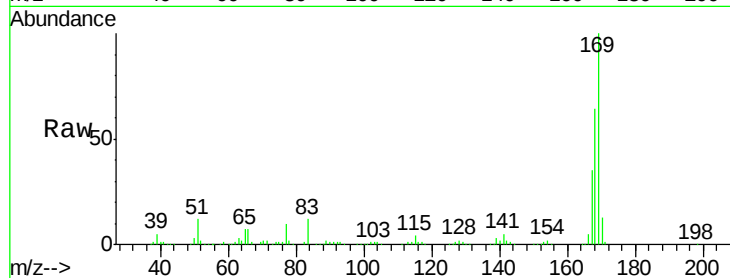
Tgt Ion:169 Resp: 612870

Ion Ratio Lower Upper

169 100

168 63.7 54.4 81.6

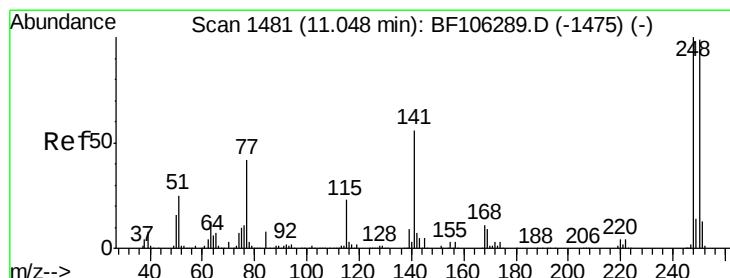
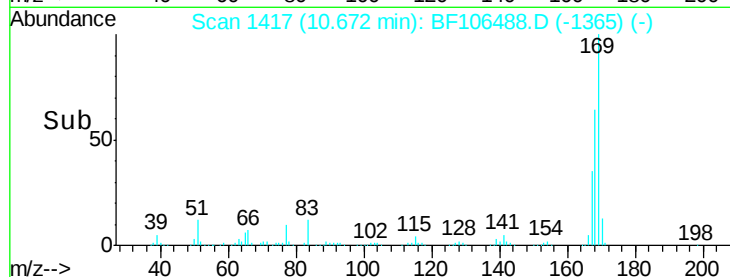
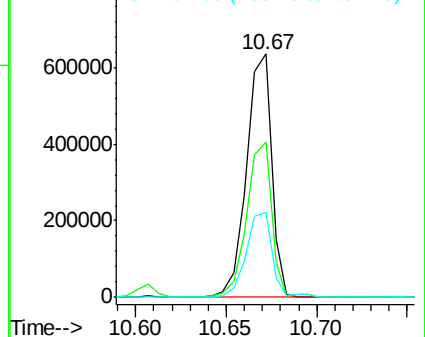
167 35.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.703 ng

RT: 11.04 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

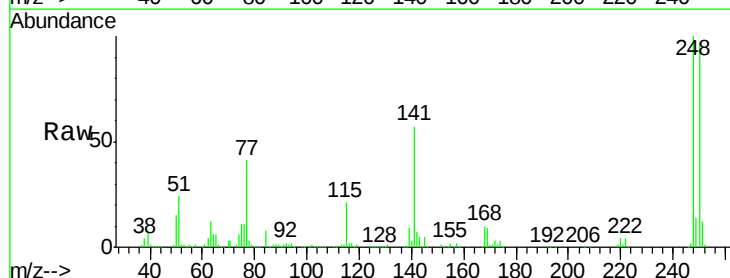
Tgt Ion:248 Resp: 234268

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

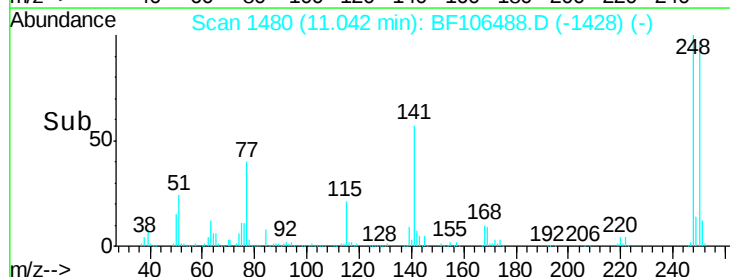
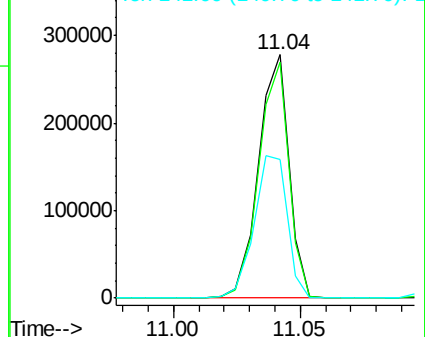
141 57.0 74.4 111.6#

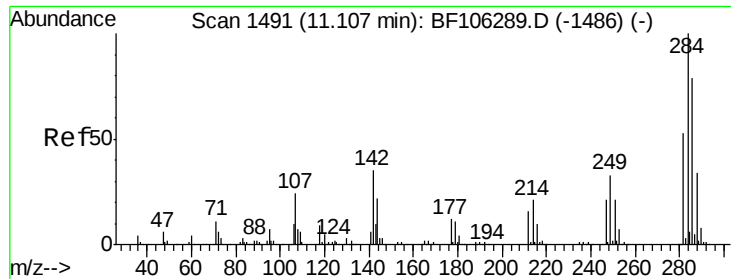


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

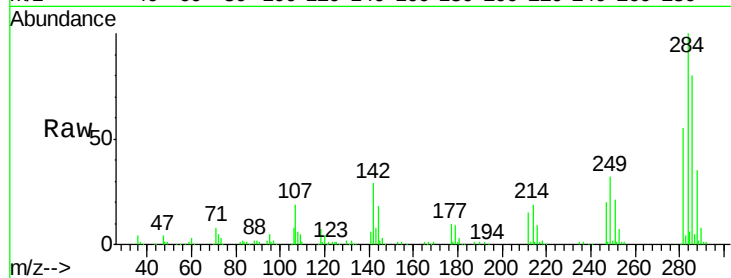




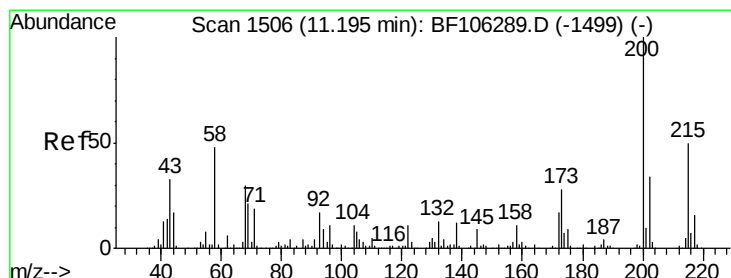
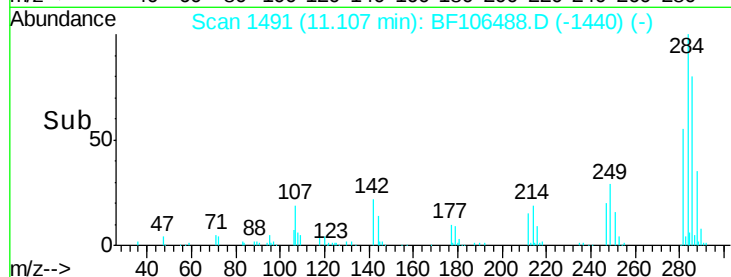
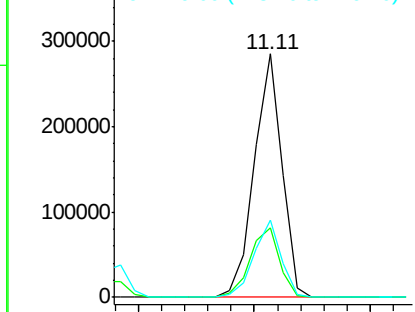
#67
Hexachlorobenzene
Concen: 41.249 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tgt Ion:284 Resp: 238888
Ion Ratio Lower Upper
284 100
142 28.8 34.6 52.0#
249 31.7 24.8 37.2

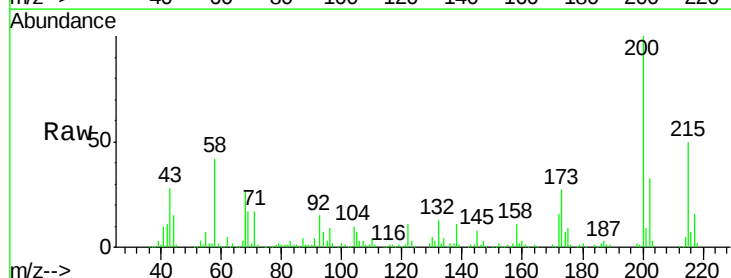


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

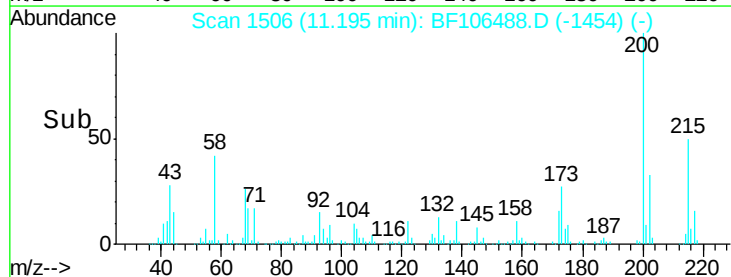
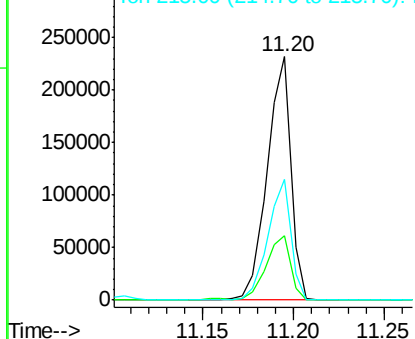


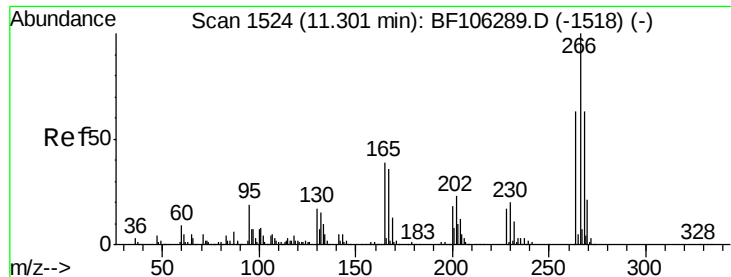
#68
Atrazine
Concen: 41.076 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:200 Resp: 210118
Ion Ratio Lower Upper
200 100
173 26.7 8.6 48.6
215 49.5 25.1 65.1



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

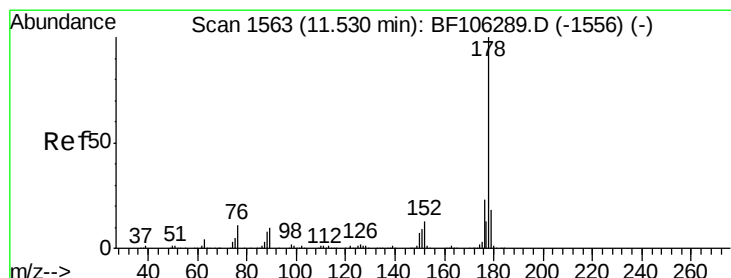
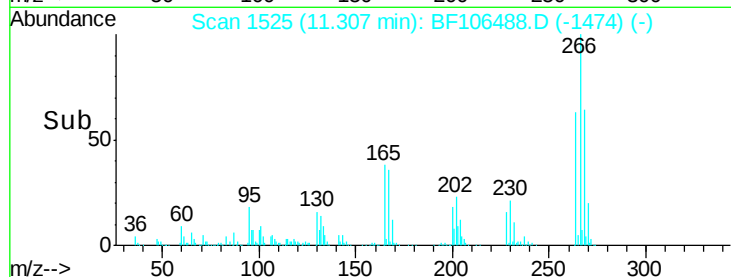
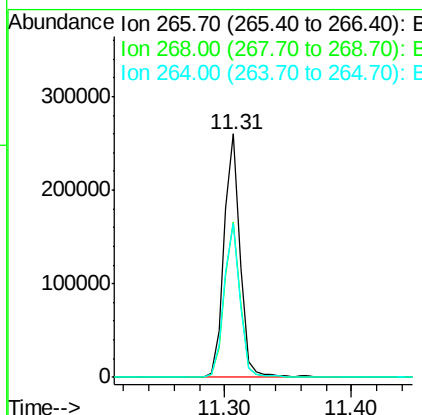
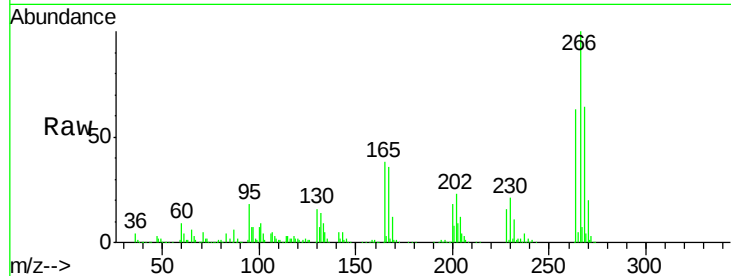




#69
 Pentachlorophenol
 Concen: 64.354 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

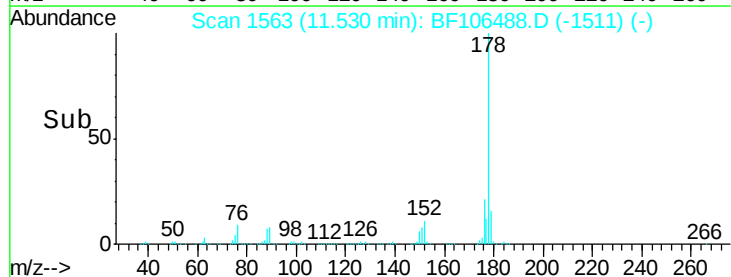
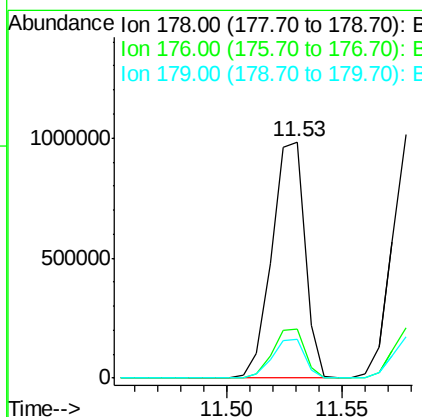
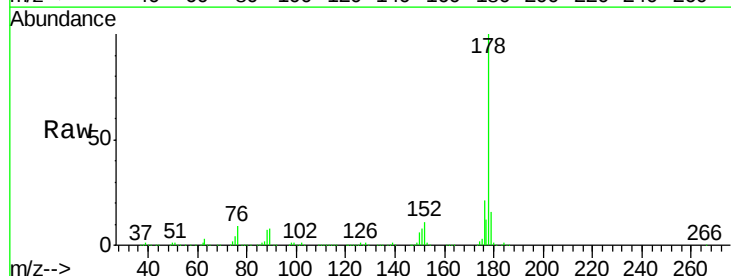
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

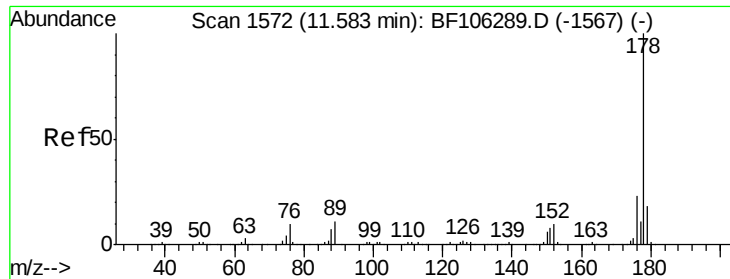
Tgt Ion:266 Resp: 229456
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 40.391 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:178 Resp: 976968
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 16.2 13.0 19.6

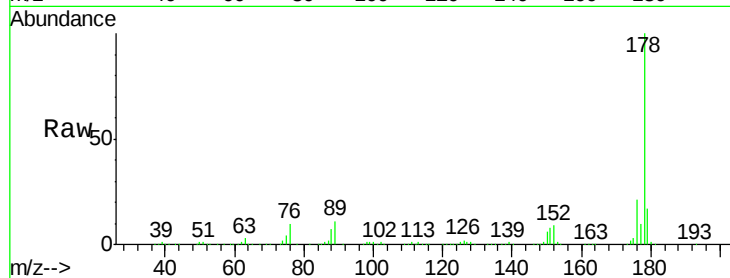




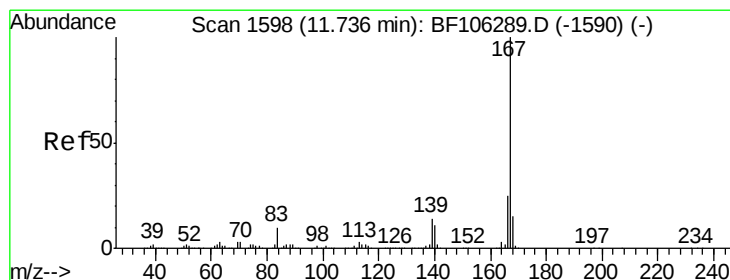
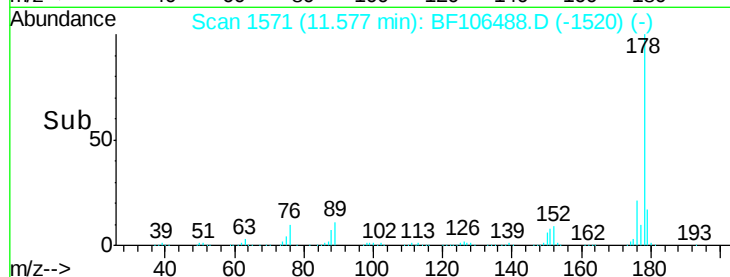
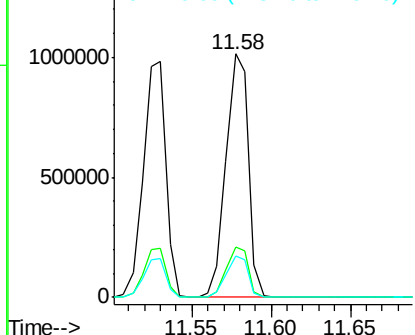
#71
 Anthracene
 Concen: 41.103 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tgt Ion:178 Resp: 995997
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.4 23.2
 179 17.2 12.6 19.0

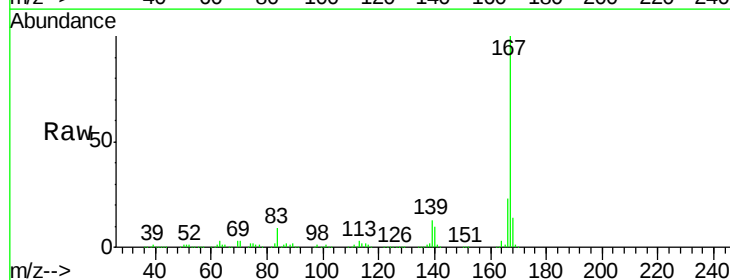


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

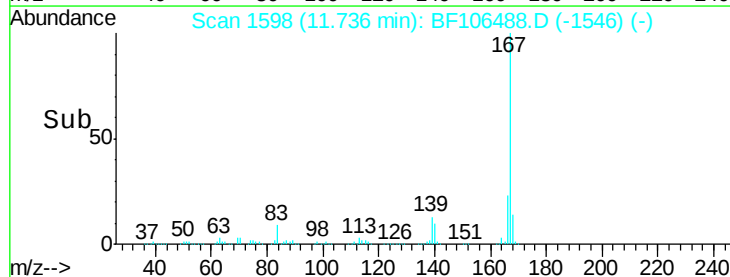
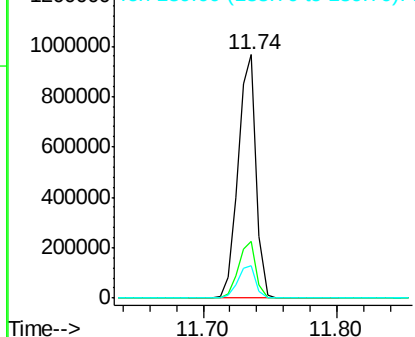


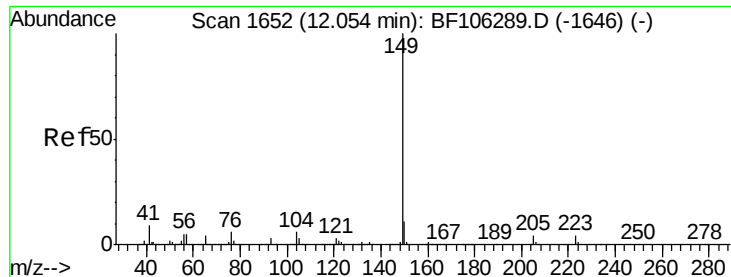
#72
 Carbazole
 Concen: 40.675 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:167 Resp: 909942
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 13.3 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: 41.608 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

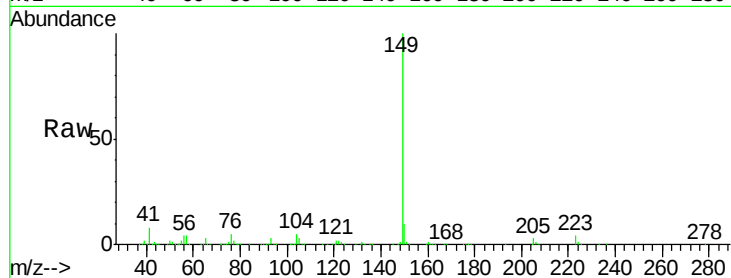
Tgt Ion:149 Resp: 1035966

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

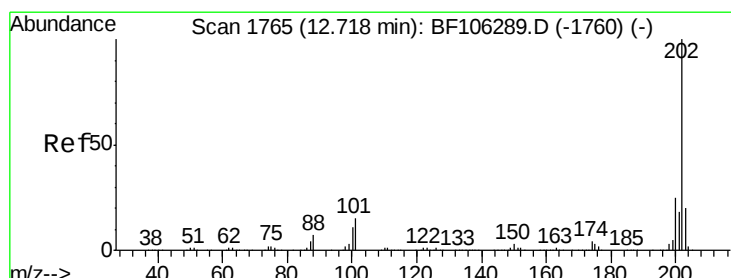
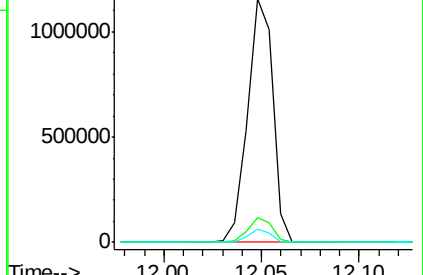
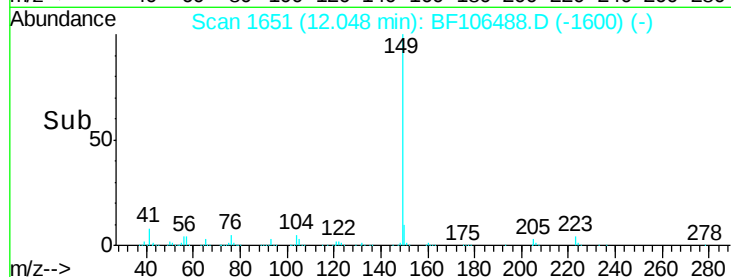
104 5.4 3.8 5.8



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: 41.873 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

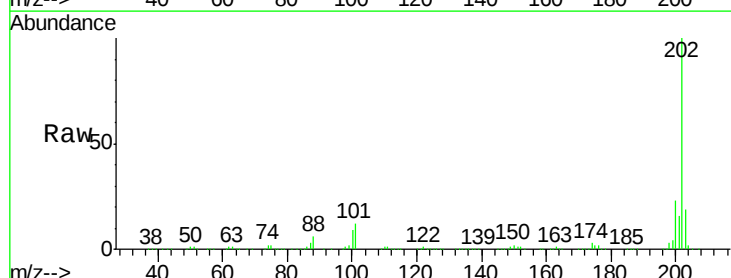
Tgt Ion:202 Resp: 1080112

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

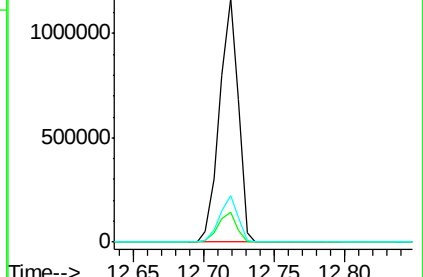
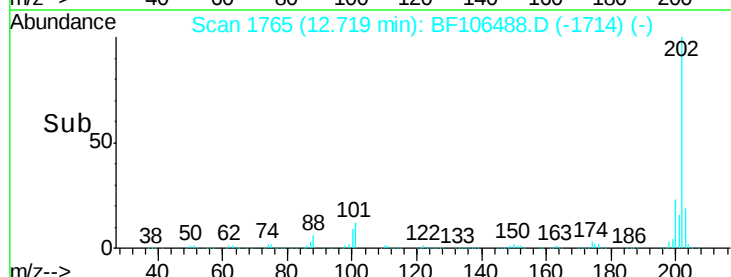
203 18.9 0.0 38.1

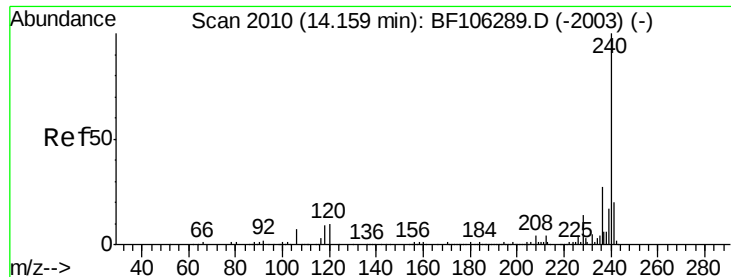


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

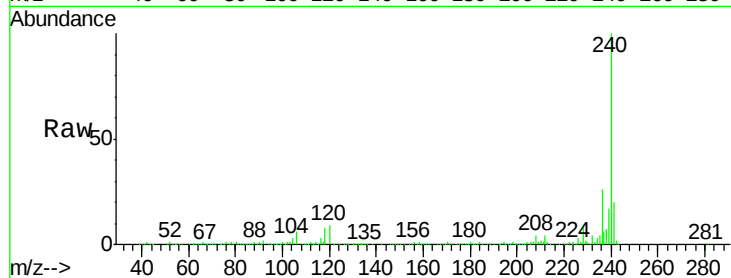
Tgt Ion:240 Resp: 399995

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

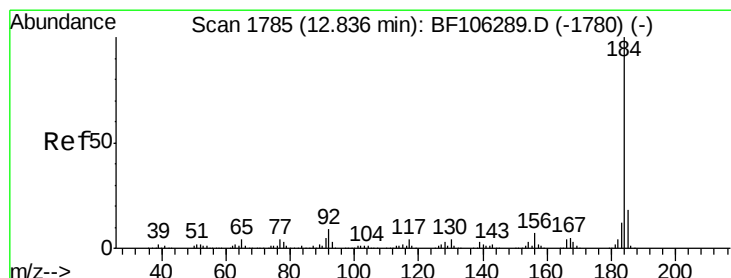
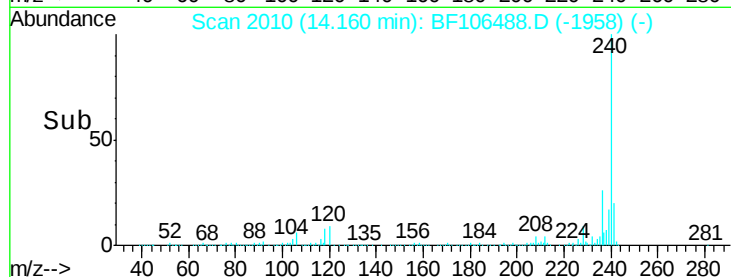
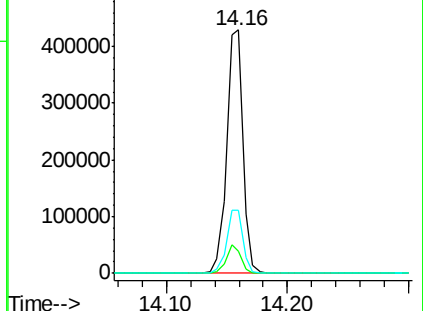
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.339 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

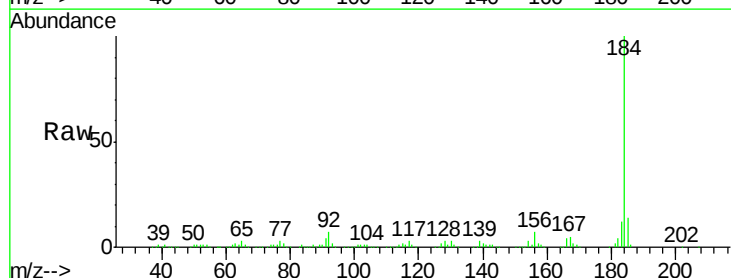
Tgt Ion:184 Resp: 377263

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

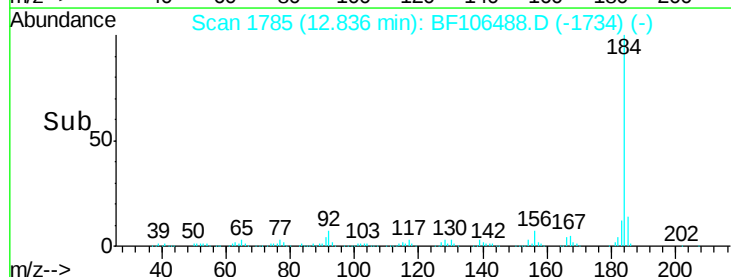
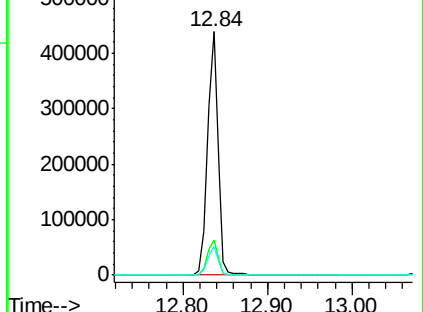
183 11.7 9.3 13.9

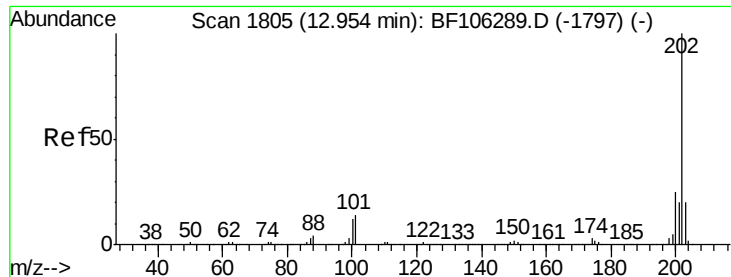


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

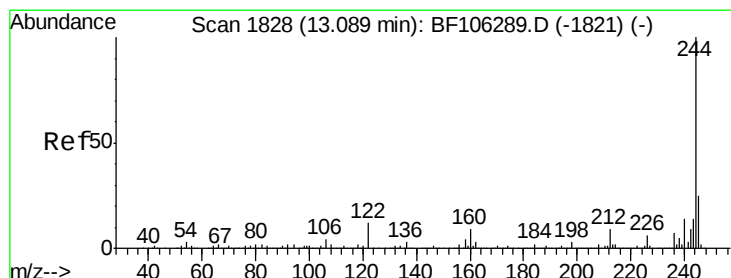
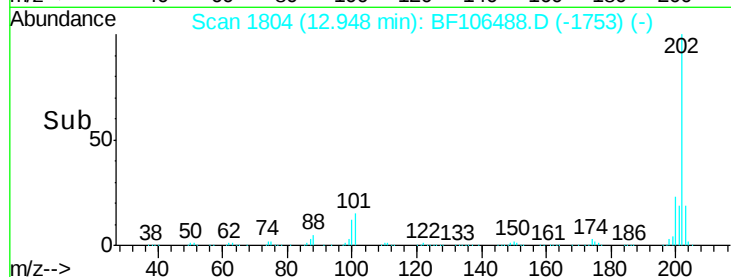
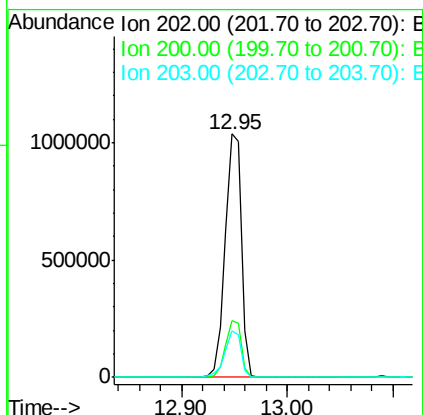
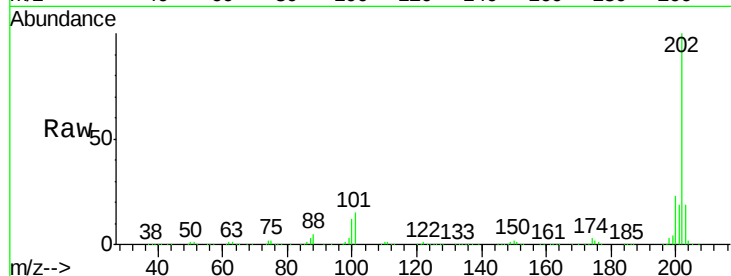




#77
 Pyrene
 Concen: 44.298 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

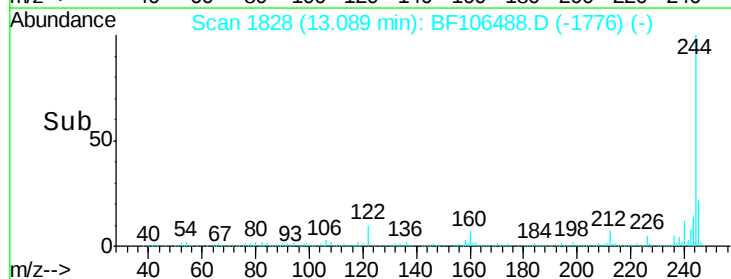
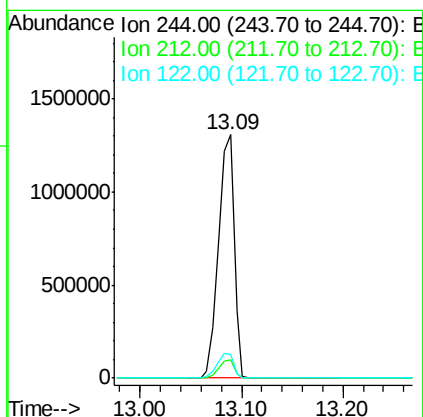
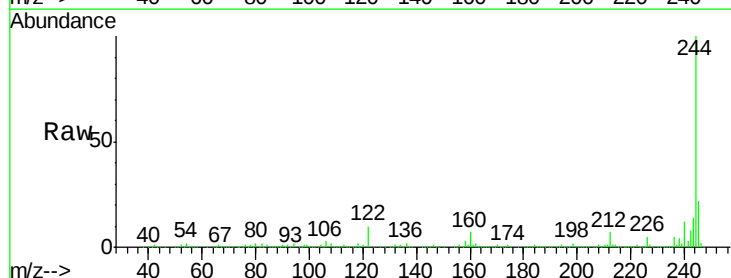
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

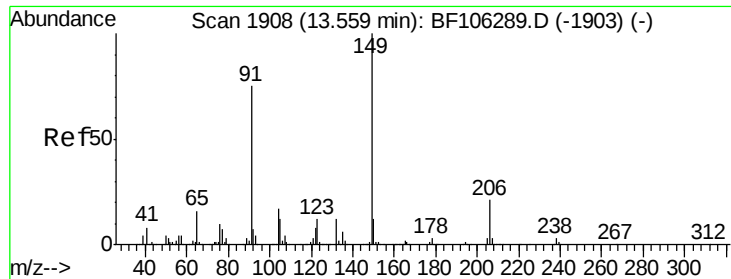
Tgt Ion: 202 Resp: 1109328
 Ion Ratio Lower Upper
 202 100
 200 23.1 17.4 26.2
 203 18.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 87.745 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion: 244 Resp: 1413067
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 9.7 11.0 16.4#

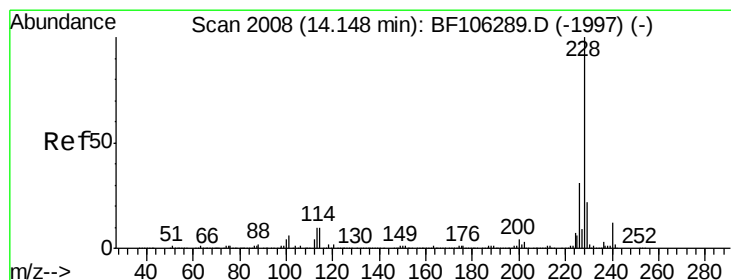
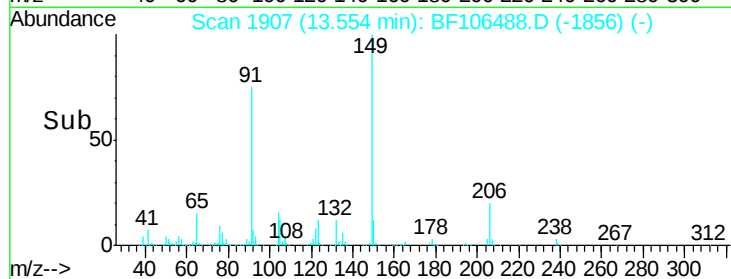
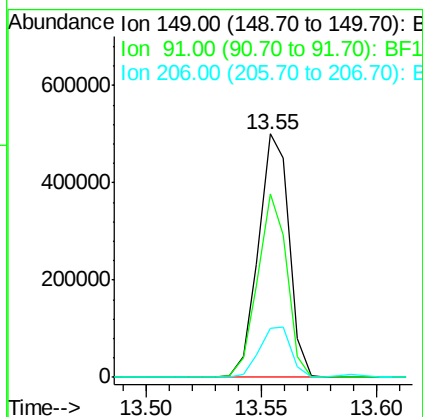
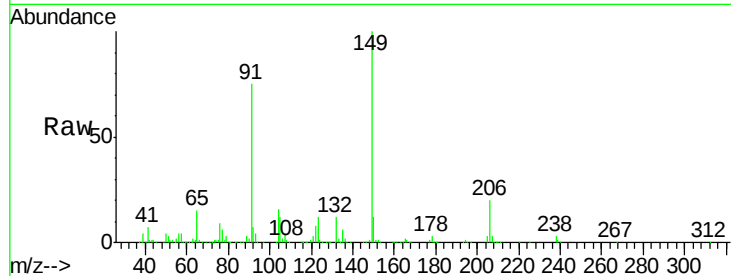




#79
Butylbenzylphthalate
Concen: 49.529 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

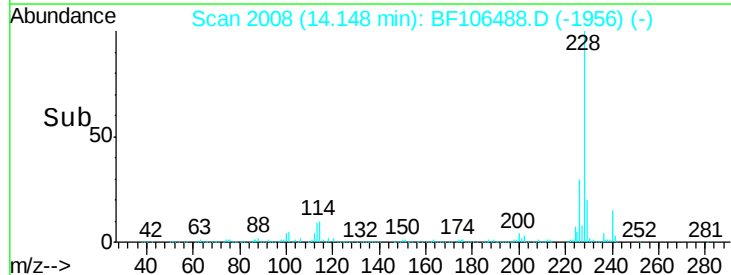
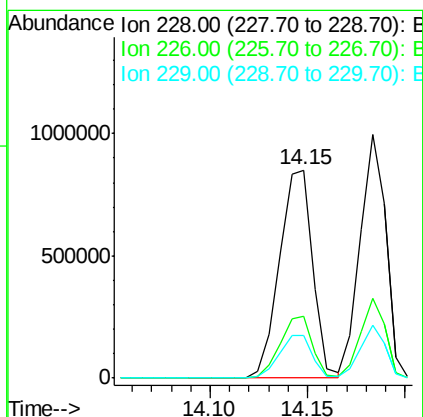
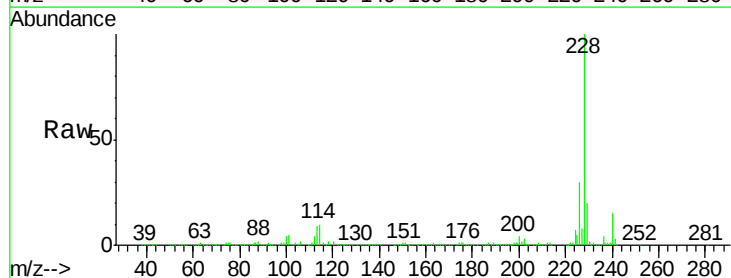
Instrument :
BNA_F
ClientSampleId :
PB110238BS

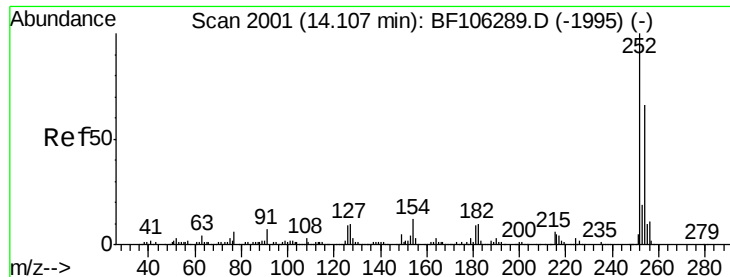
Tgt Ion:149 Resp: 464284
Ion Ratio Lower Upper
149 100
91 75.1 56.8 85.2
206 20.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.146 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:228 Resp: 1003227
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 20.3 15.8 23.6

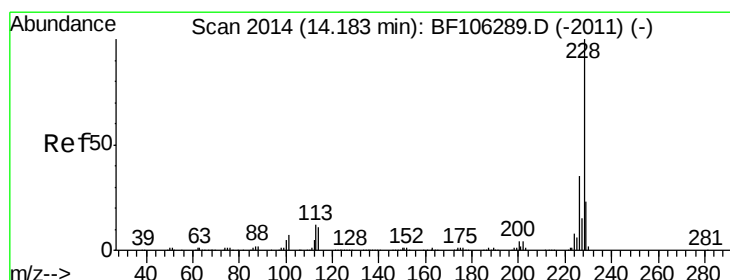
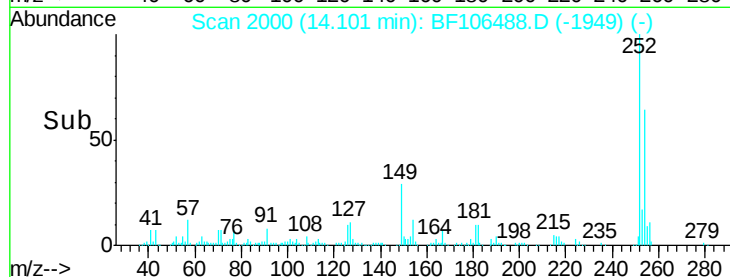
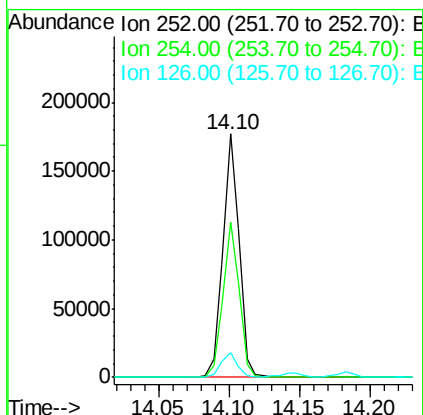
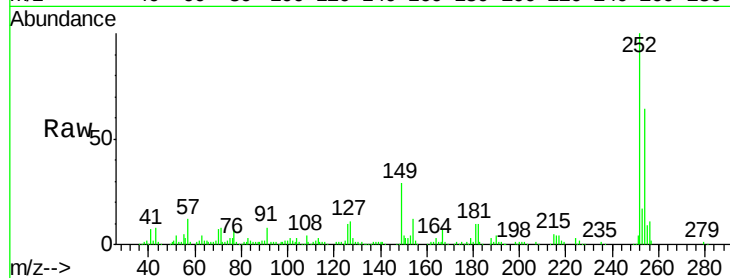




#81
 3,3'-Dichlorobenzidine
 Concen: 17.572 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

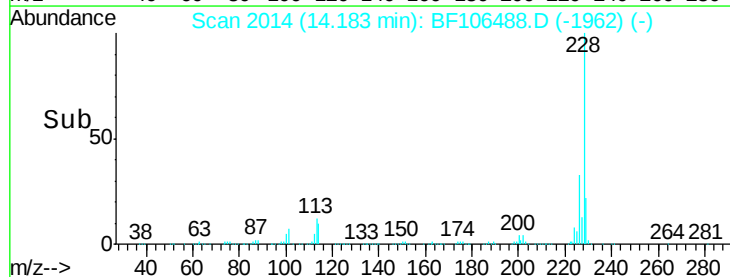
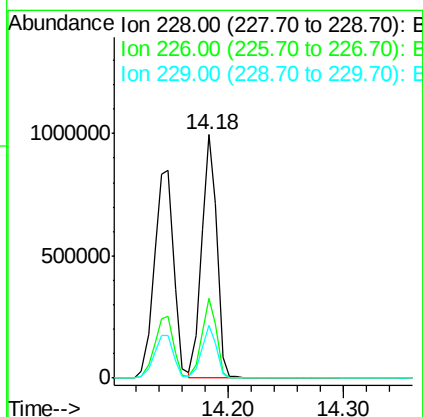
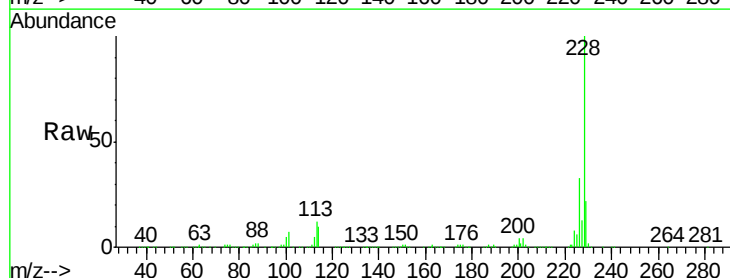
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

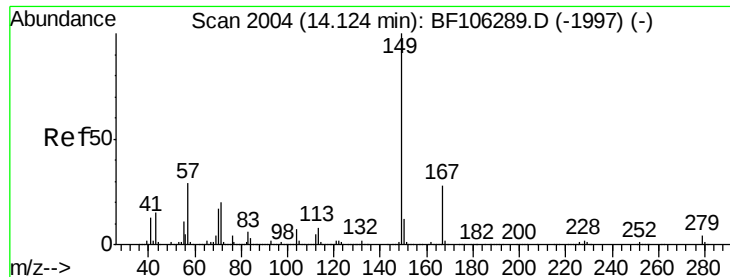
Tgt Ion:252 Resp: 141121
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 10.0 11.3 16.9#



#82
 Chrysene
 Concen: 42.272 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:228 Resp: 918682
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.0 37.6
 229 21.7 16.2 24.4

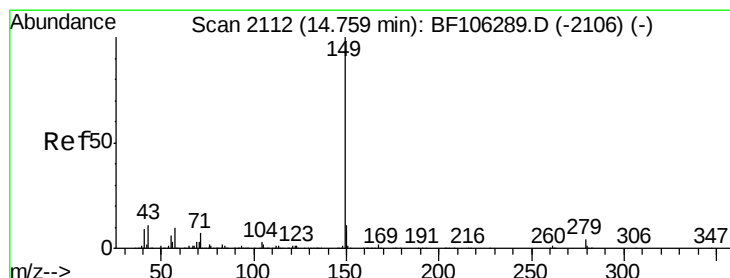
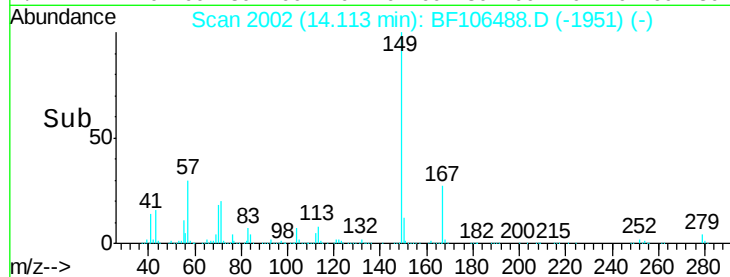
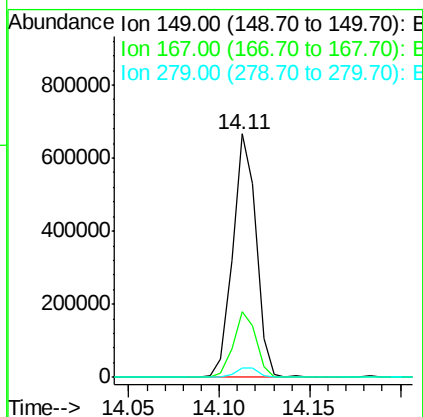
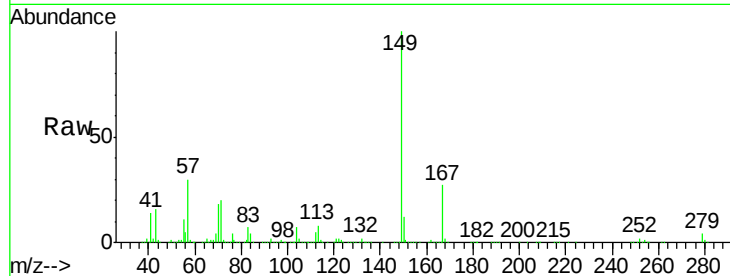




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.445 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

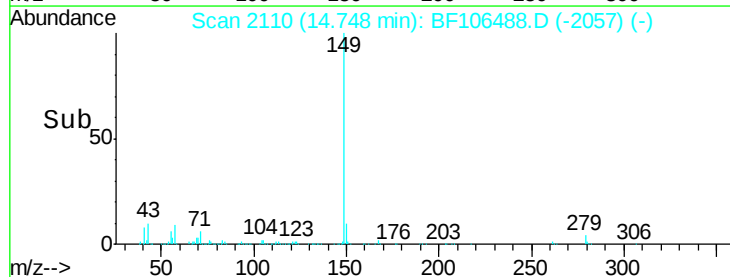
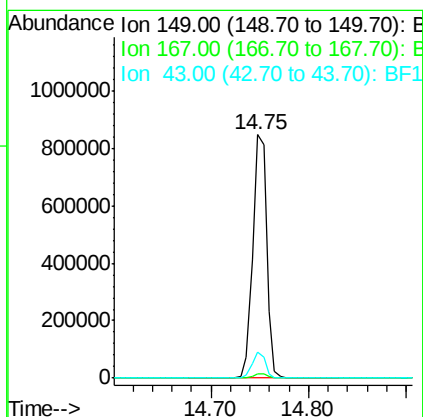
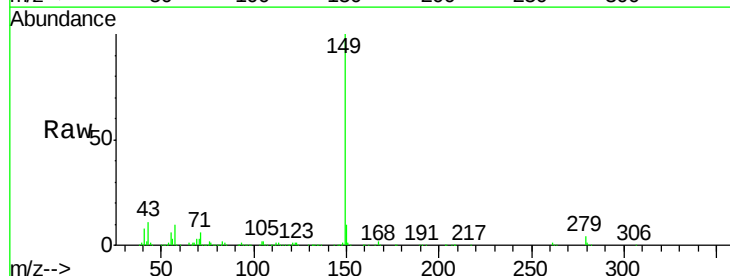
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

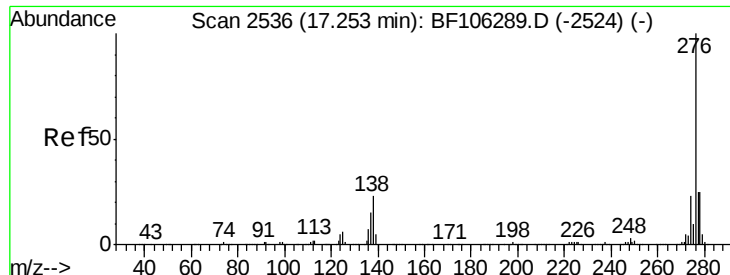
Tgt Ion:149 Resp: 597364
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.085 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion:149 Resp: 854207
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.7 8.4 12.6

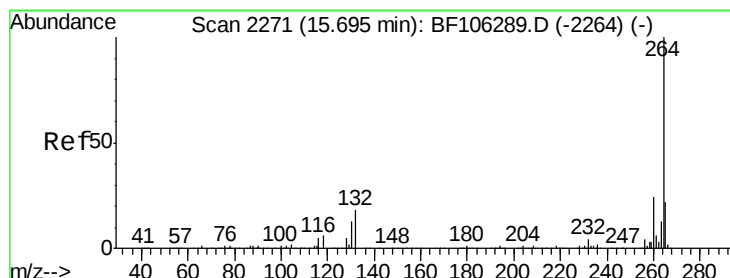
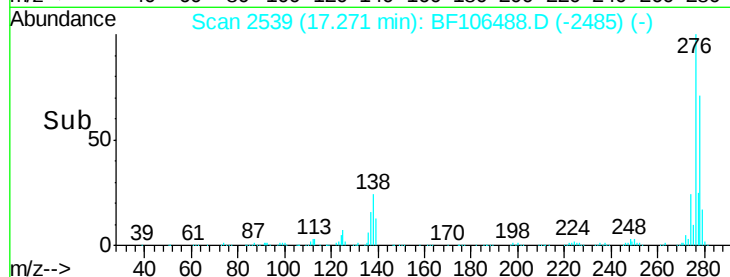
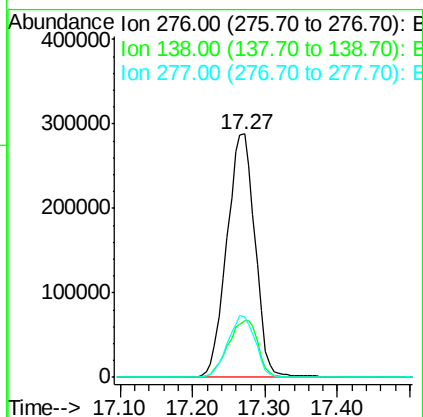
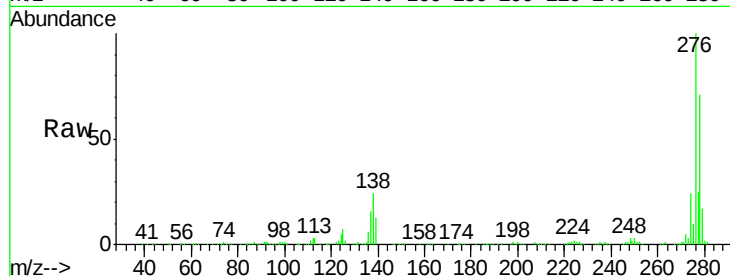




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.934 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. 0.02 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

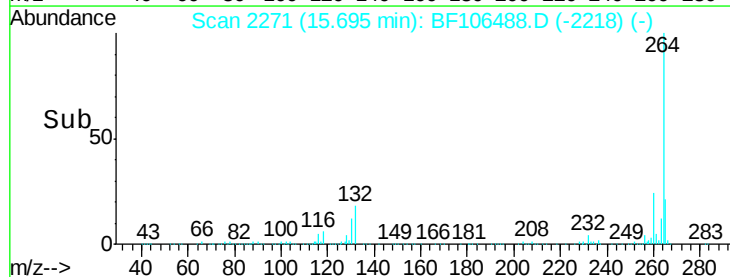
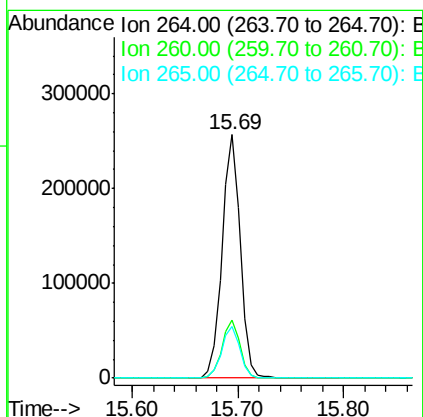
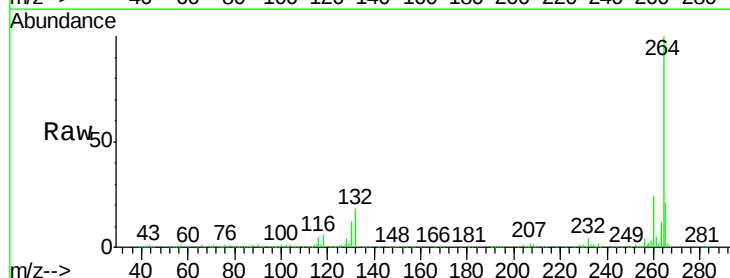
Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

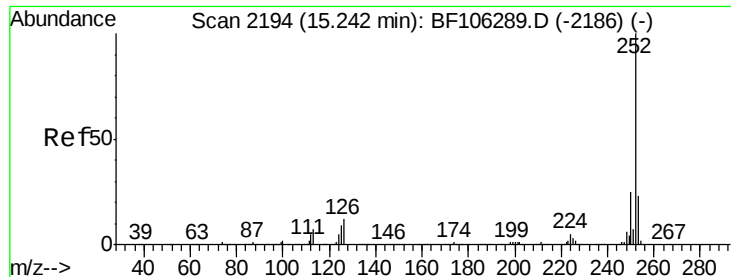
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

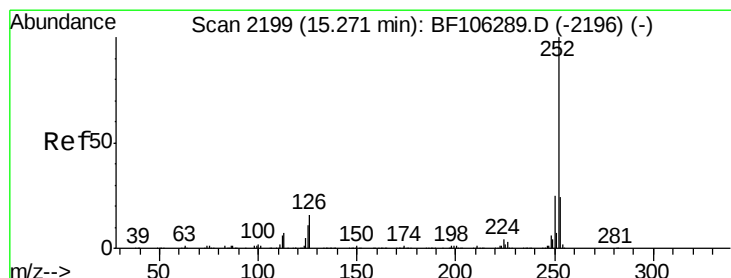
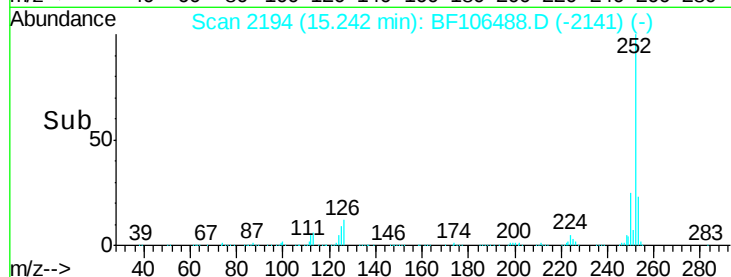
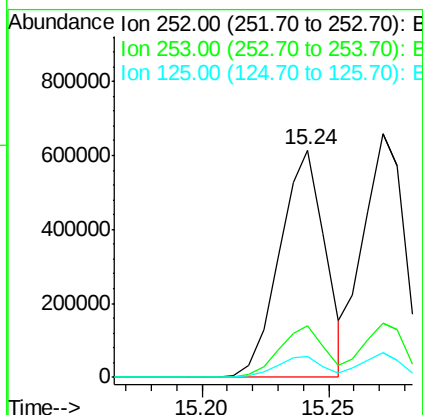
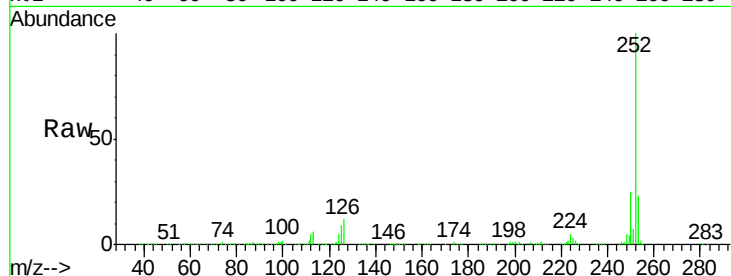




#87
Benzo(b)fluoranthene
Concen: 41.046 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

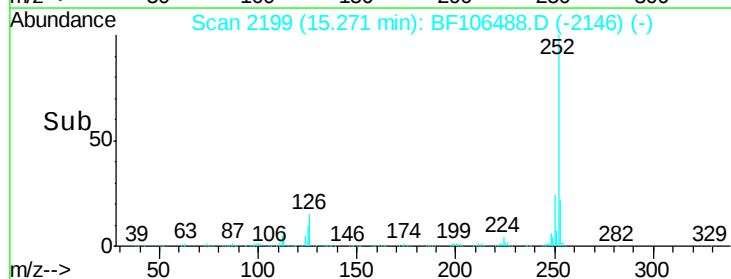
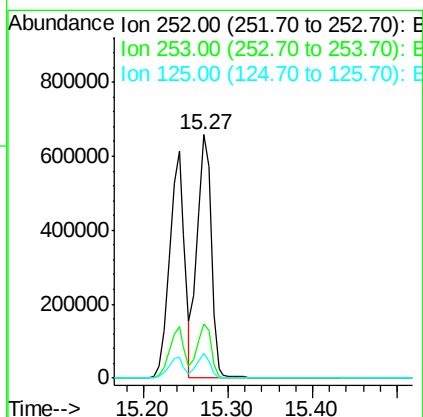
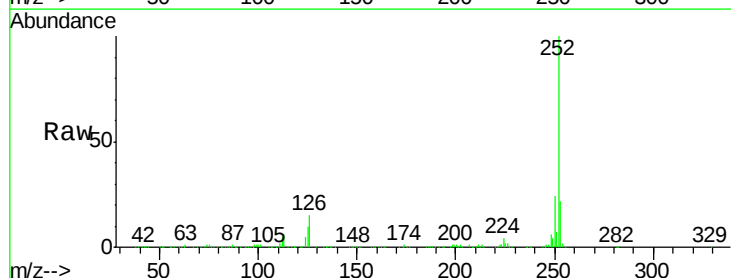
Instrument :
BNA_F
ClientSampleId :
PB110238BS

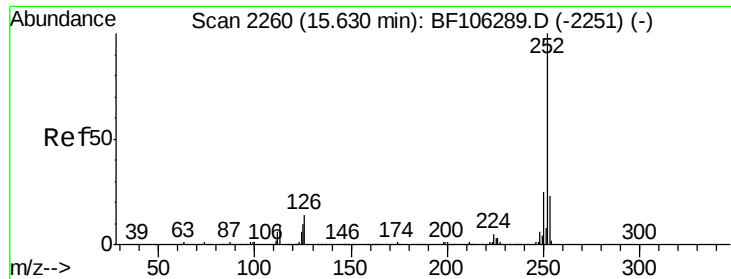
Tgt Ion:252 Resp: 767536
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.711 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:252 Resp: 753943
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.0 10.2 15.2#

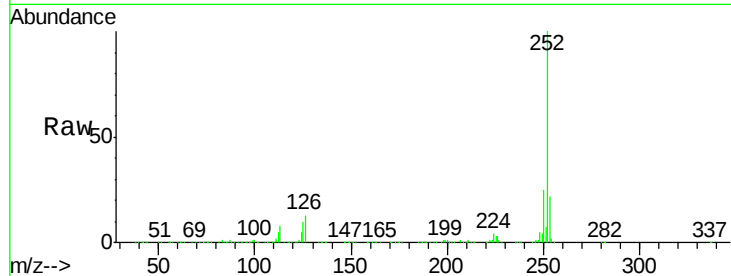




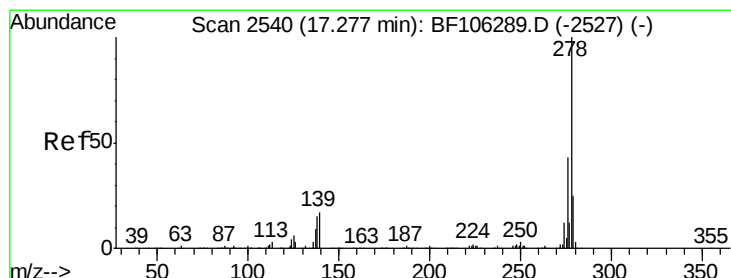
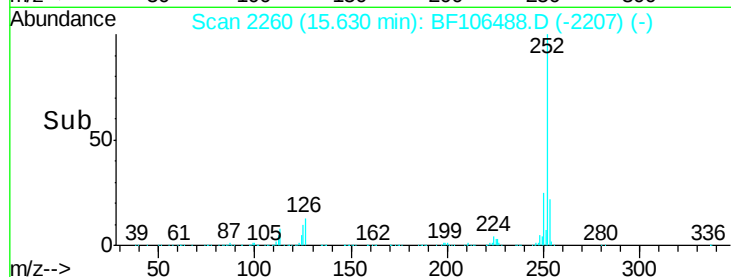
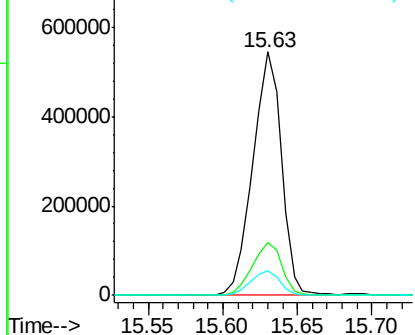
#89
Benzo(a)pyrene
Concen: 42.939 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tgt Ion: 252 Resp: 722208
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.2 9.8 14.6

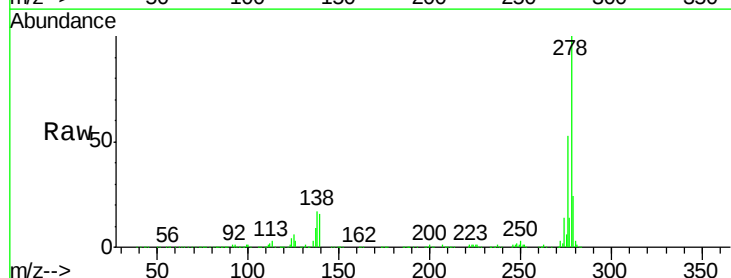


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

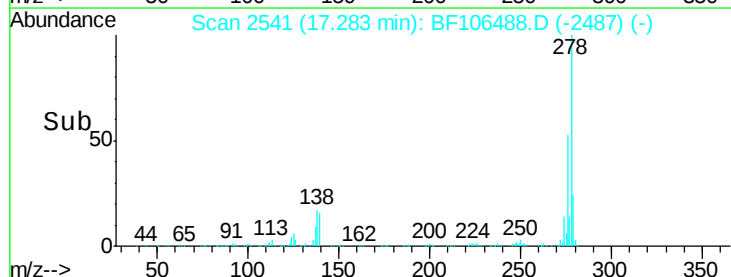
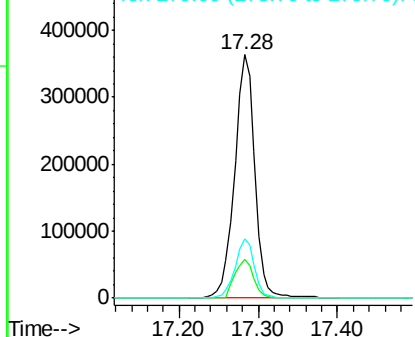


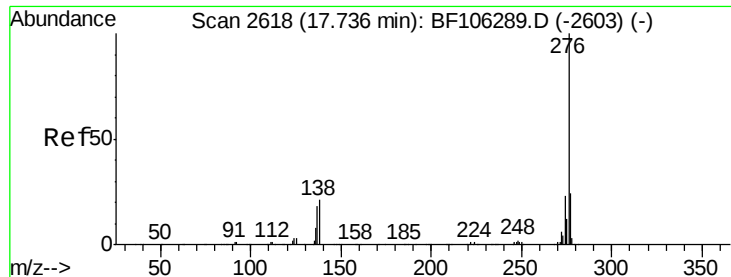
#90
Dibenzo(a,h)anthracene
Concen: 45.849 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion: 278 Resp: 642917
Ion Ratio Lower Upper
278 100
139 15.7 15.9 23.9#
279 24.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 50.860 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.02 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	21.0	21.8	32.8#

