

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106483.D
 Acq On : 15 Jun 2018 9:54
 Operator : JU/SJ
 Sample : PB110266BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Quant Time: Jun 15 11:12:36 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	109173	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	377845	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	146834	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	267553	20.00	ng	0.00
75) Chrysene-d12	14.15	240	265661	20.00	ng	0.00
86) Perylene-d12	15.69	264	180478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	550671	85.37	ng	0.00
7) Phenol-d6	6.61	99	631741	77.52	ng	0.00
23) Nitrobenzene-d5	7.53	82	597011	92.95	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	124293	87.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	927161	133.05	ng	0.00
78) Terphenyl-d14	13.08	244	956332	89.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	120338	36.048	ng	94
3) Pyridine	3.65	79	346434	37.239	ng	99
4) n-Nitrosodimethylamine	3.62	42	160728	37.714	ng	97
6) Aniline	6.63	93	189156	15.895	ng	# 52
8) 2-Chlorophenol	6.76	128	269941	38.915	ng	96
9) Benzaldehyde	6.52	77	179951	29.112	ng	98
10) Phenol	6.62	94	351968	39.562	ng	81
11) bis(2-Chloroethyl)ether	6.70	93	283404	37.211	ng	97
12) 1,3-Dichlorobenzene	6.91	146	316733	38.796	ng	98
13) 1,4-Dichlorobenzene	6.98	146	319055	38.511	ng	99
14) 1,2-Dichlorobenzene	7.14	146	292124	37.456	ng	99
15) Benzyl Alcohol	7.11	79	246672	35.344	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	418632	38.345	ng	77
17) 2-Methylphenol	7.22	107	224833	36.329	ng	# 93
18) Hexachloroethane	7.48	117	91876	31.123	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	190077	31.089	ng	96
20) 3+4-Methylphenols	7.38	107	283640	35.838	ng	# 81
22) Acetophenone	7.37	105	371648	39.030	ng	# 96
24) Nitrobenzene	7.55	77	297678	42.641	ng	97
25) Isophorone	7.78	82	523441	41.724	ng	98
26) 2-Nitrophenol	7.86	139	127185	46.938	ng	92
27) 2,4-Dimethylphenol	7.90	122	232094	43.701	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	331662	40.772	ng	98
29) 2,4-Dichlorophenol	8.11	162	213780	41.724	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	230149	40.061	ng	94
31) Naphthalene	8.27	128	709694	41.550	ng	99
32) Benzoic acid	8.01	122	123393	34.006	ng	87
33) 4-Chloroaniline	8.32	127	81698	10.793	ng	97
34) Hexachlorobutadiene	8.38	225	153232	41.517	ng	99
35) Caprolactam	8.68	113	64064	36.966	ng	87
36) 4-Chloro-3-methylphenol	8.81	107	211691	37.351	ng	96
37) 2-Methylnaphthalene	8.96	142	461165	39.641	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	226372	47.491	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	40025	15.219	ng	96

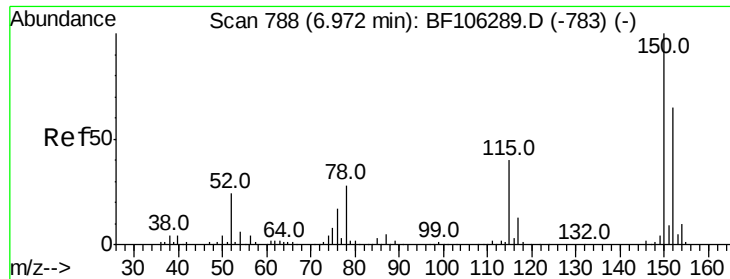
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	143530	47.250	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	146764	44.817	nq	94
45) 1,1'-Biphenyl	9.42	154	525098	46.170	nq	98
46) 2-Chloronaphthalene	9.45	162	405576	44.562	nq	96
47) 2-Nitroaniline	9.55	65	141600	49.456	nq	87
48) Acenaphthylene	9.87	152	628586	45.122	nq	100
49) Dimethylphthalate	9.72	163	469715	44.775	nq	99
50) 2,6-Dinitrotoluene	9.78	165	93072	43.434	nq	# 85
51) Acenaphthene	10.04	154	357197	39.703	nq	100
52) 3-Nitroaniline	9.96	138	68036	26.751	nq	99
53) 2,4-Dinitrophenol	10.06	184	11980	19.480	nq	# 15
54) Dibenzofuran	10.21	168	513496	42.386	nq	98
55) 4-Nitrophenol	10.14	139	140717	72.183	nq	92
56) 2,4-Dinitrotoluene	10.19	165	113925	42.337	nq	96
57) Fluorene	10.56	166	391186	40.755	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	110043	42.398	nq	# 87
59) Diethylphthalate	10.42	149	424772	40.795	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	201273	39.868	nq	# 87
61) 4-Nitroaniline	10.57	138	82062	33.163	nq	95
62) Azobenzene	10.71	77	431714	39.763	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	13159	14.216	nq	91
65) n-Nitrosodiphenylamine	10.67	169	364584	40.545	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	124591	40.942	nq	# 85
67) Hexachlorobenzene	11.10	284	130057	41.455	nq	# 90
68) Atrazine	11.19	200	109272	39.433	nq	95
69) Pentachlorophenol	11.30	266	108123	55.978	nq	98
70) Phenanthrene	11.52	178	560283	42.760	nq	99
71) Anthracene	11.58	178	580752	44.241	nq	99
72) Carbazole	11.73	167	524256	43.259	nq	98
73) Di-n-butylphthalate	12.05	149	581059	43.080	nq	99
74) Fluoranthene	12.72	202	675740	48.358	nq	95
76) Benzidine	12.84	184	500479	56.605	nq	98
77) Pyrene	12.95	202	693267	41.683	nq	99
79) Butylbenzylphthalate	13.55	149	294242	47.262	nq	97
80) Benzo(a)anthracene	14.14	228	665136	42.072	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	226751	42.510	nq	# 96
82) Chrysene	14.18	228	622943	43.158	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	394251	44.166	nq	99
84) Di-n-octyl phthalate	14.75	149	668674	51.960	nq	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	406088	35.252	nq	# 93
87) Benzo(b)fluoranthene	15.24	252	497119	45.567	nq	97
88) Benzo(k)fluoranthene	15.27	252	458328	42.420	nq	# 96
89) Benzo(a)pyrene	15.63	252	424938	43.304	nq	# 97
90) Dibenzo(a,h)anthracene	17.28	278	339455	41.493	nq	# 94
91) Benzo(g,h,i)perylene	17.74	276	335295	42.173	nq	# 91

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

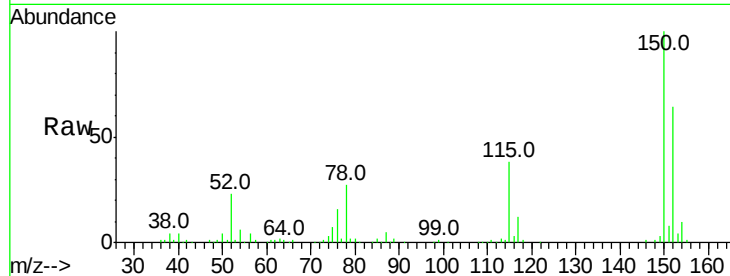


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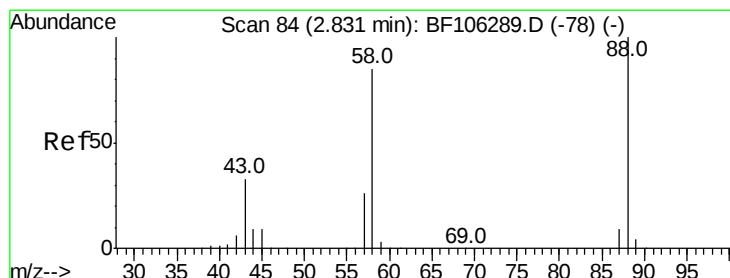
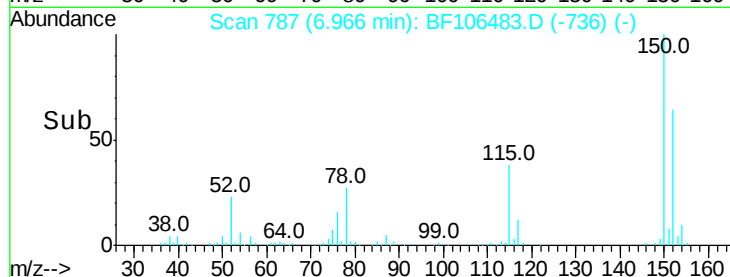
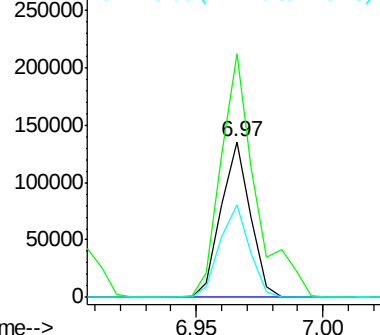
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion:152 Resp: 109173
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 59.8 50.1 75.1



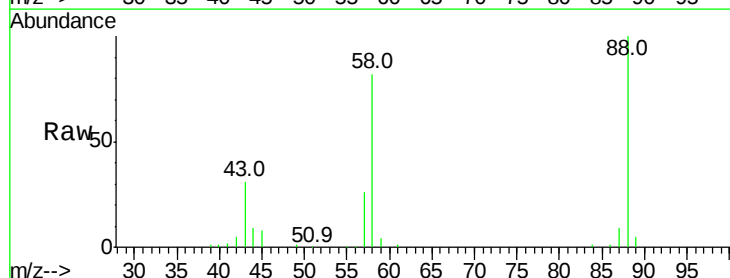
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



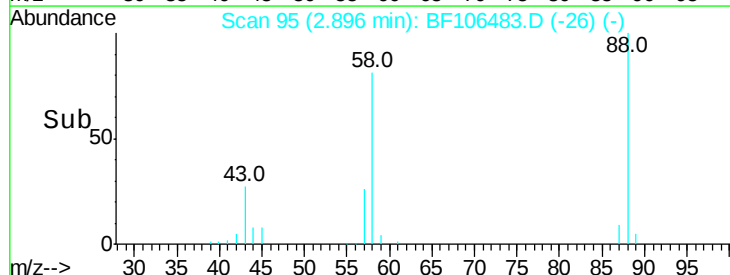
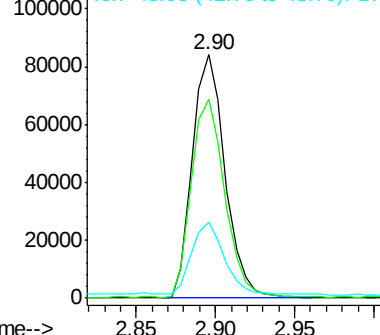
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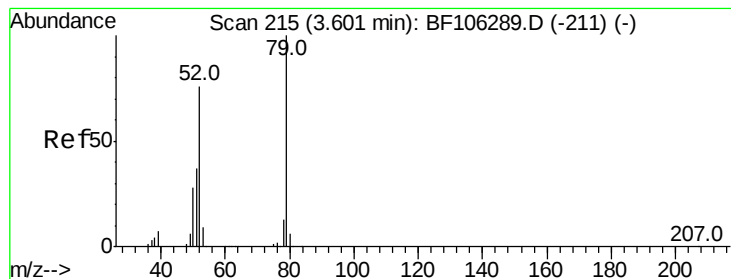
1,4-Dioxane
Concen: 36.048 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.11 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion: 88 Resp: 120338
Ion Ratio Lower Upper
88 100
58 85.0 62.6 93.8
43 29.1 24.6 37.0



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





#3

Pvridine

Concen: 37.239 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.08 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

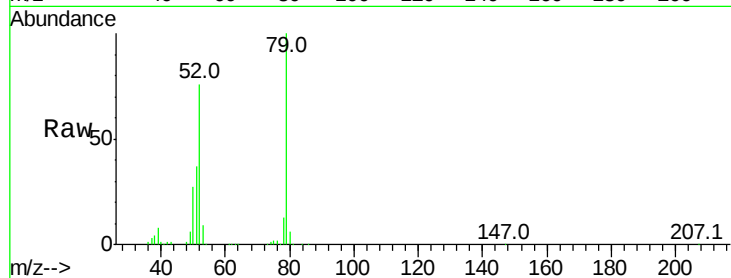
Tot Ion: 79 Resp: 346434

Ion Ratio Lower Upper

79 100

52 75.8 59.8 89.6

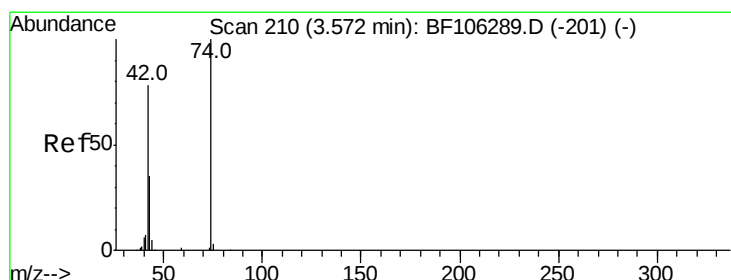
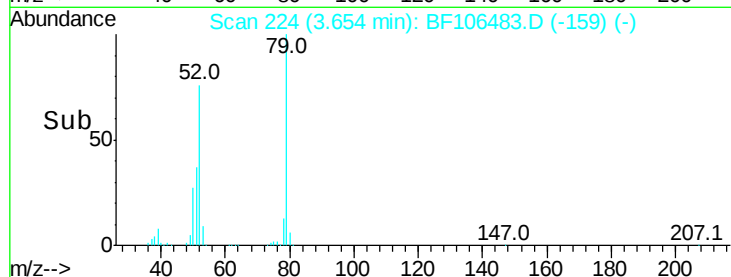
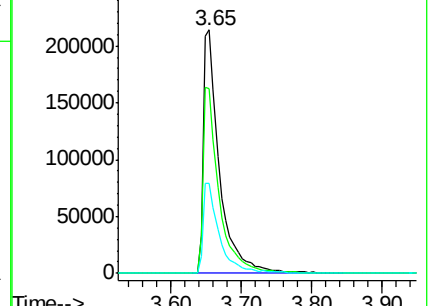
51 37.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.714 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

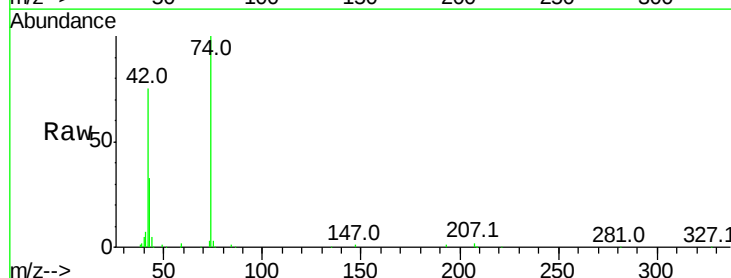
Tgt Ion: 42 Resp: 160728

Ion Ratio Lower Upper

42 100

74 134.0 104.9 157.3

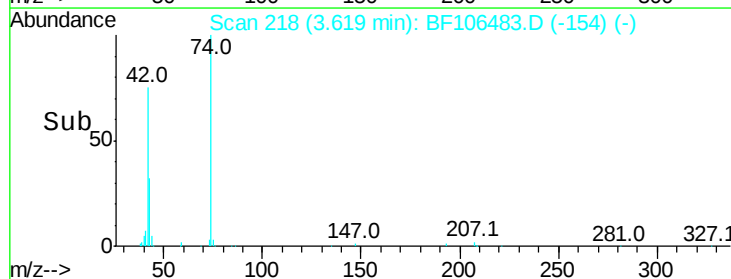
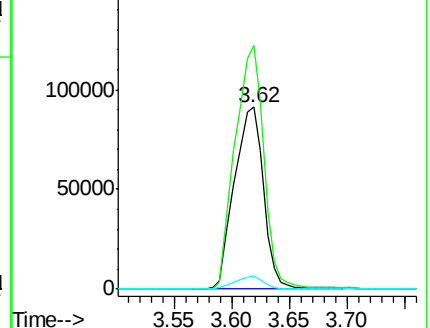
44 7.1 6.9 10.3

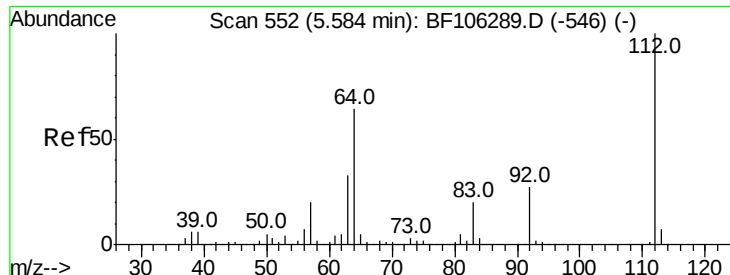


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.370 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

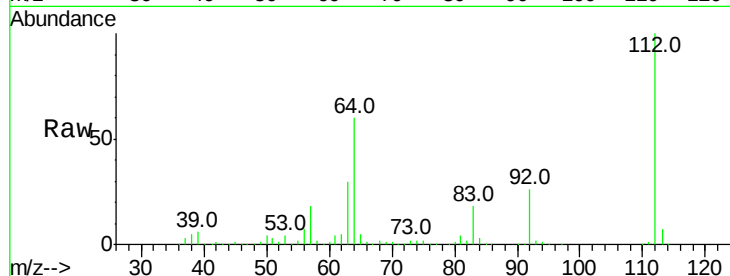
Tot Ion: 112 Resp: 550671

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

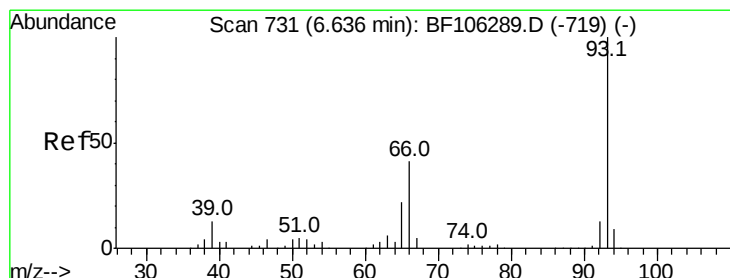
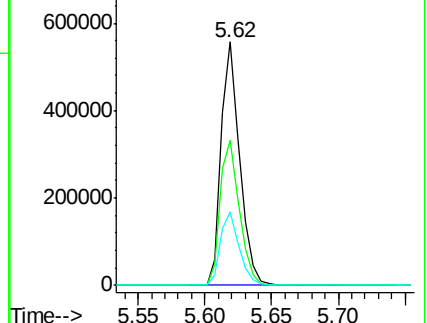
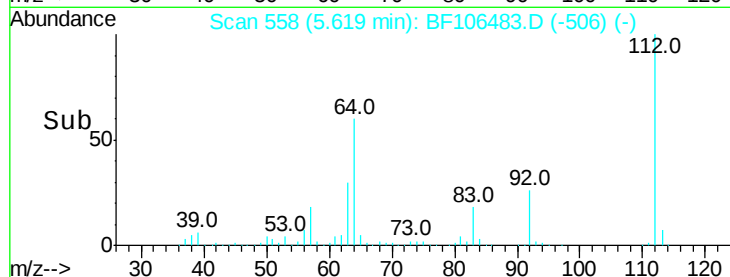
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.895 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

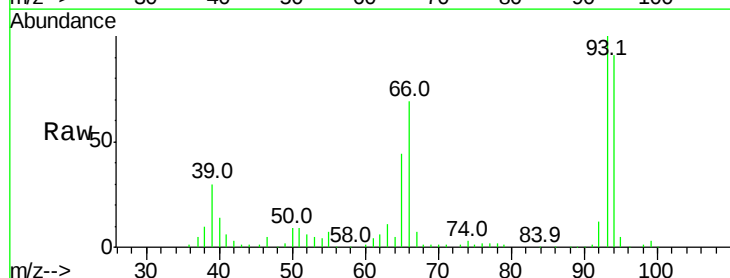
Tgt Ion: 93 Resp: 189156

Ion Ratio Lower Upper

93 100

66 69.2 32.2 48.2#

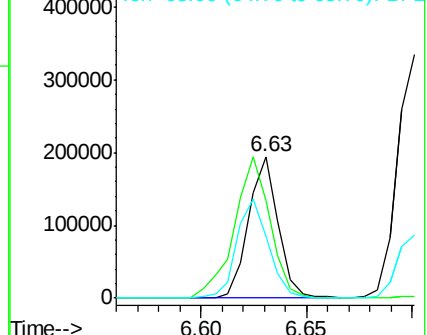
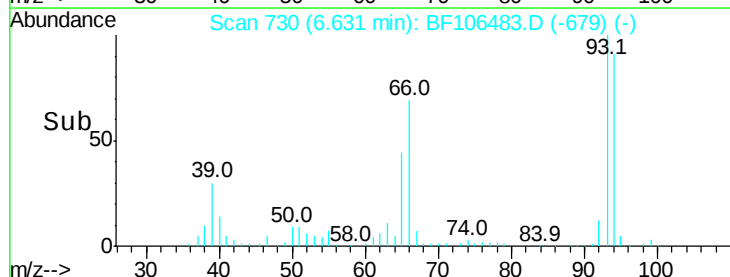
65 44.0 16.4 24.6#

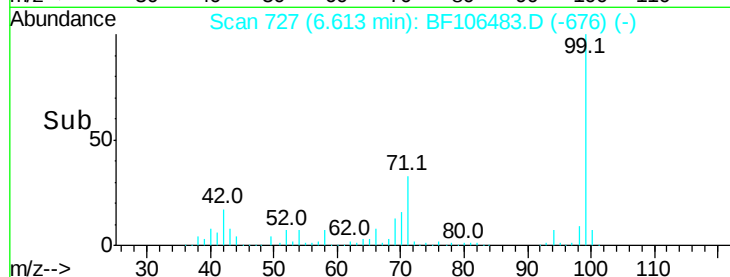
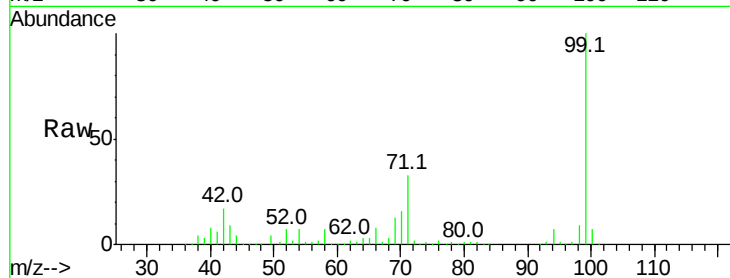
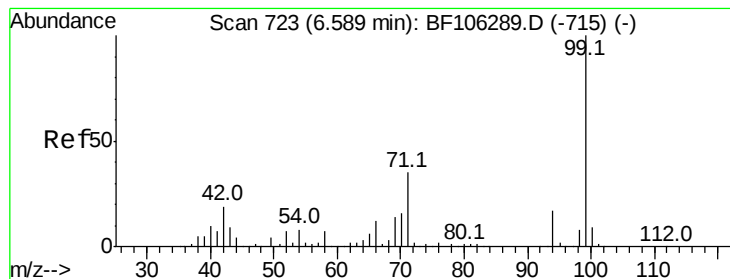


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.519 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

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ClientSampleId :

PB110266BS

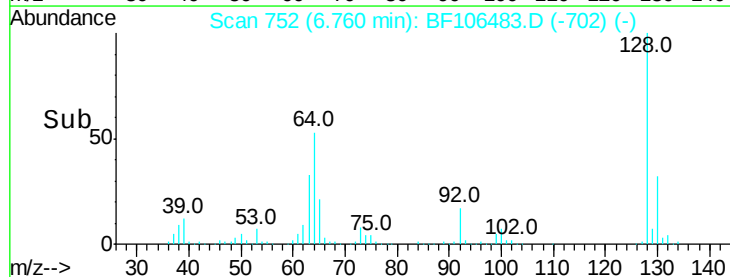
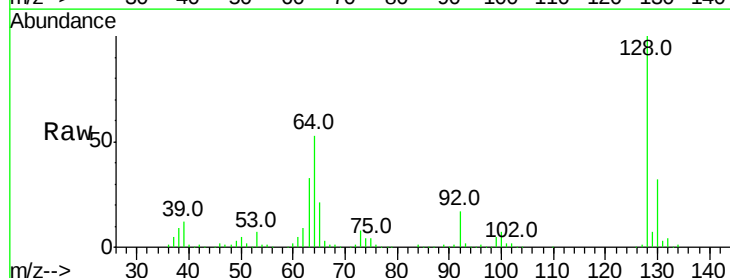
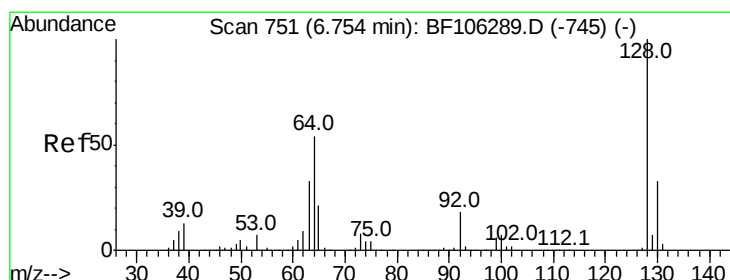
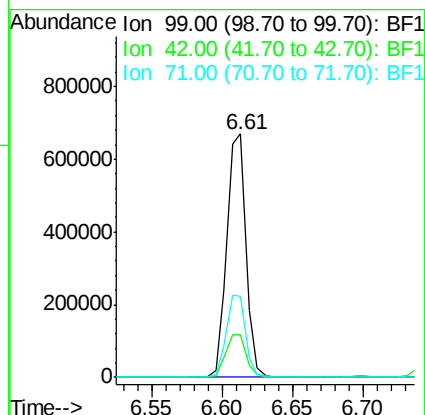
Tot Ion: 99 Resp: 631741

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 33.4 25.4 38.0



#8

2-Chlorophenol

Concen: 38.915 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

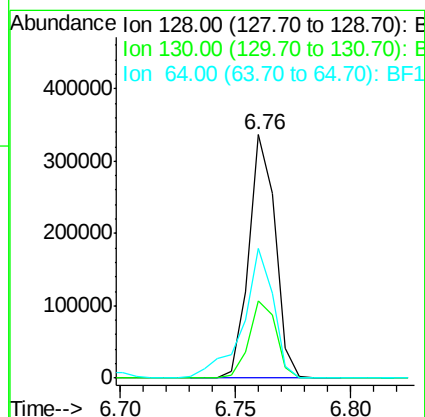
Tgt Ion: 128 Resp: 269941

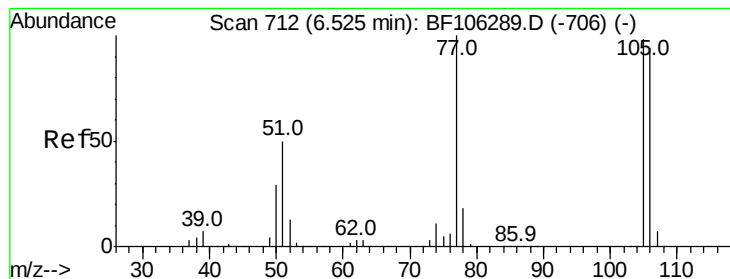
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 53.1 29.4 69.4





#9

Benzaldehyde

Concen: 29.112 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

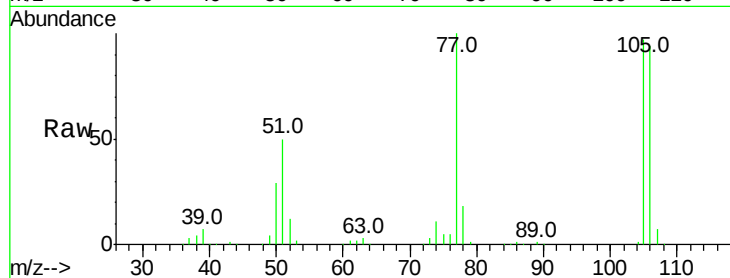
Tot Ion: 77 Resp: 179951

Ion Ratio Lower Upper

77 100

105 97.3 81.1 121.1

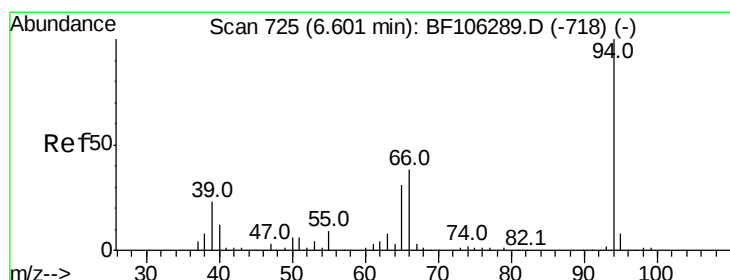
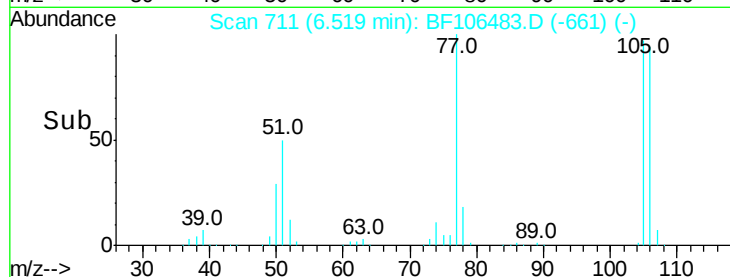
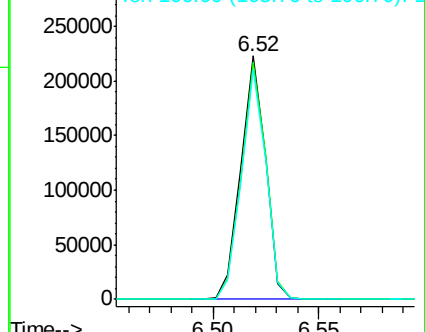
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.562 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

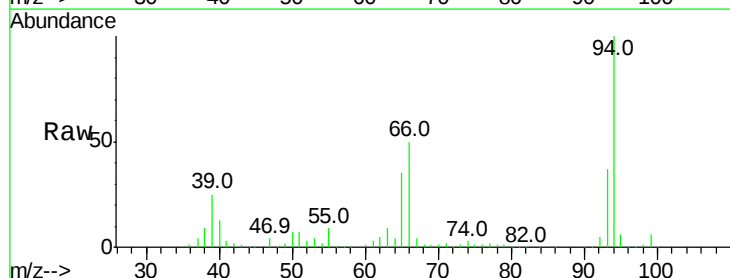
Tgt Ion: 94 Resp: 351968

Ion Ratio Lower Upper

94 100

65 35.2 7.9 47.9

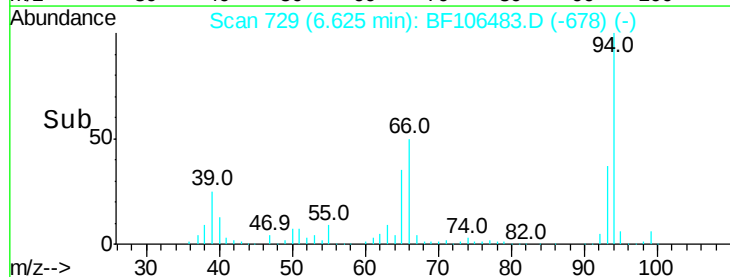
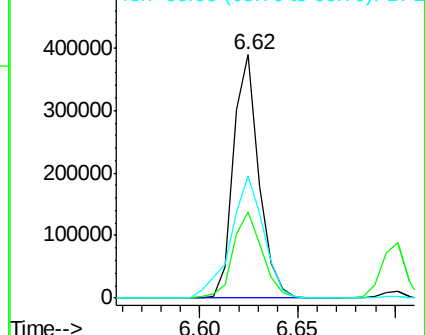
66 50.1 16.2 56.2

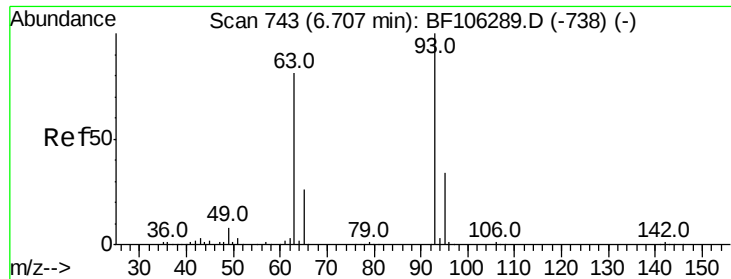


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.211 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

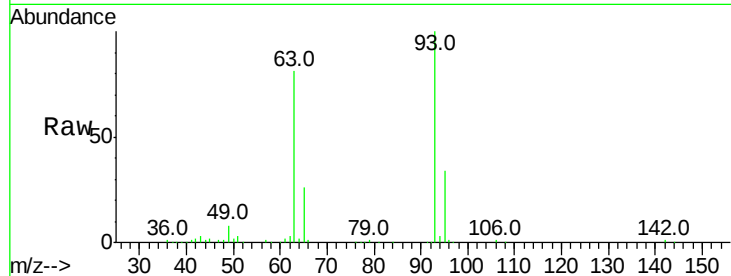
Tot Ion: 93 Resp: 283404

Ion Ratio Lower Upper

93 100

63 81.3 58.6 98.6

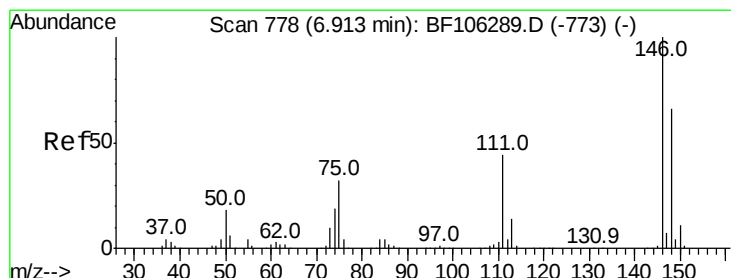
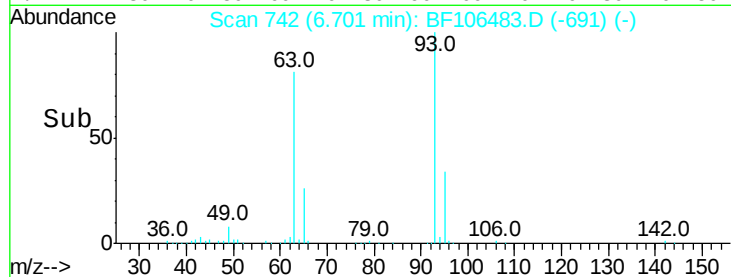
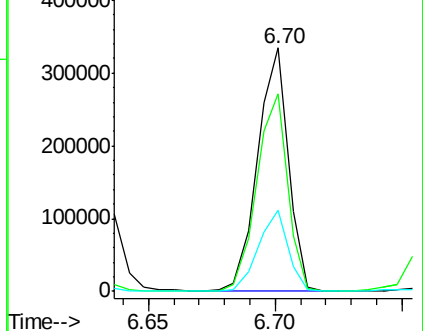
95 33.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.796 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

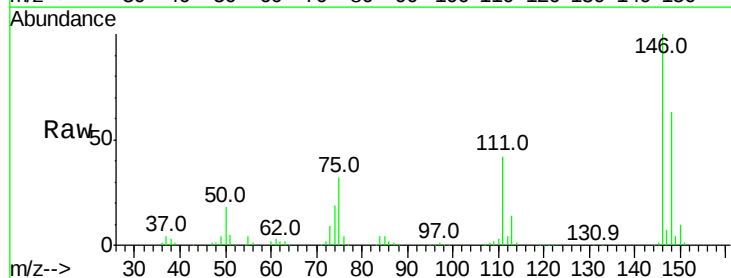
Tgt Ion: 146 Resp: 316733

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

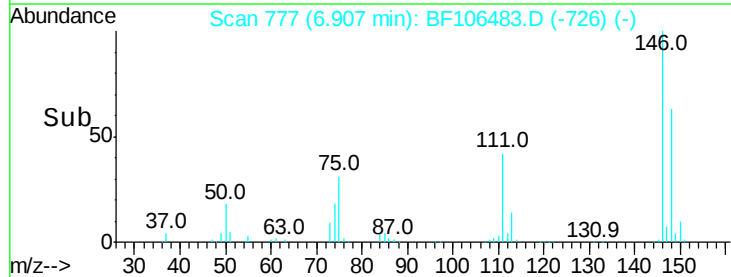
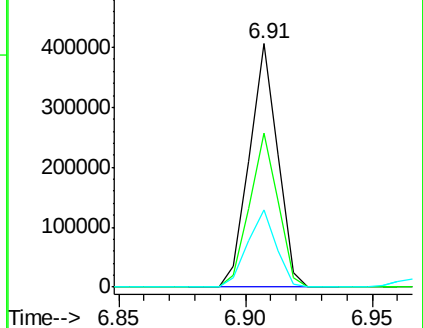
75 31.6 24.2 36.4

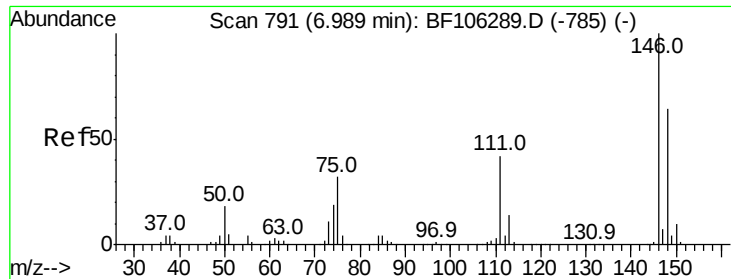


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

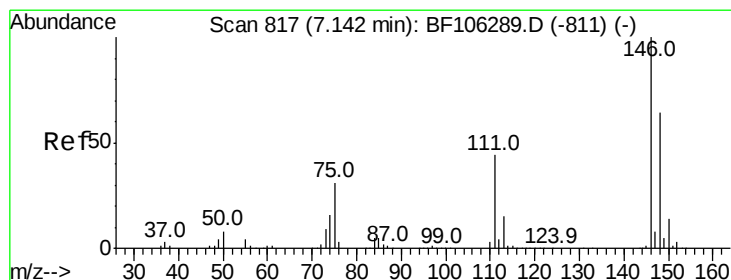
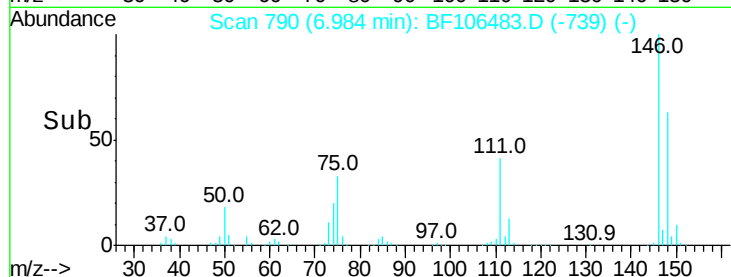
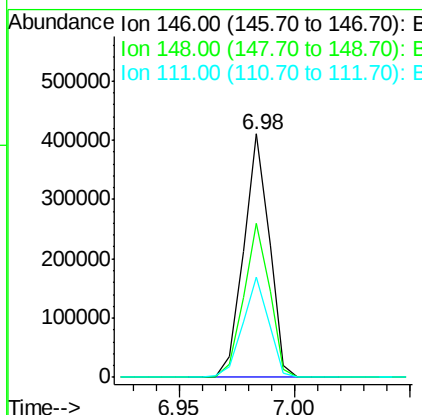
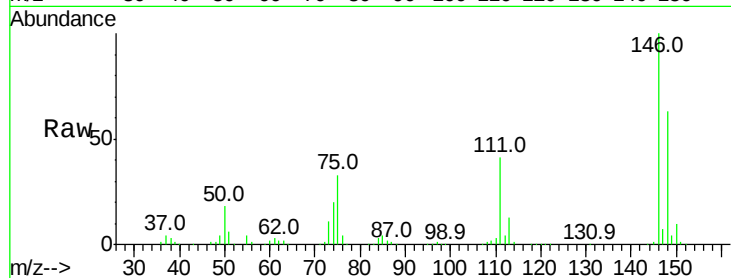




#13
 1,4-Dichlorobenzene
 Concen: 38.511 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

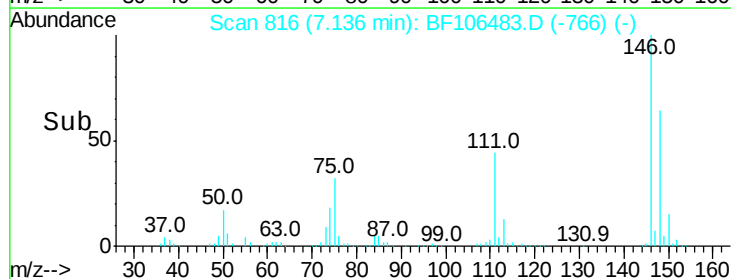
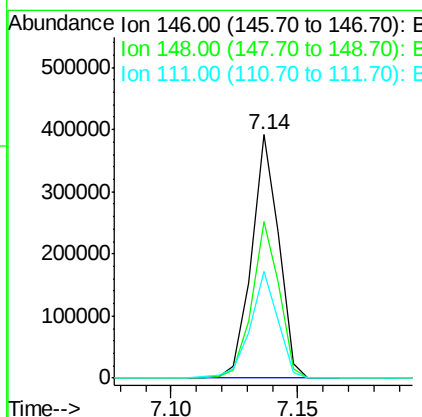
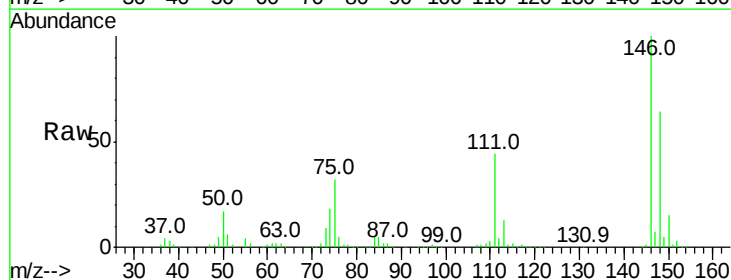
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

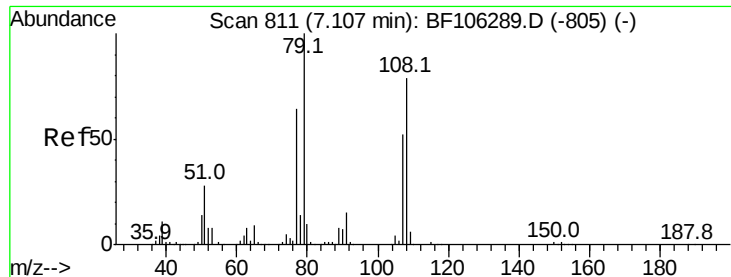
Tot Ion:146 Resp: 319055
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.456 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:146 Resp: 292124
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.344 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

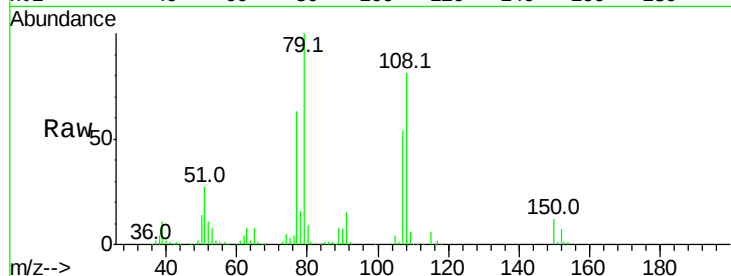
Tot Ion: 79 Resp: 246672

Ion Ratio Lower Upper

79 100

108 80.7 65.1 97.7

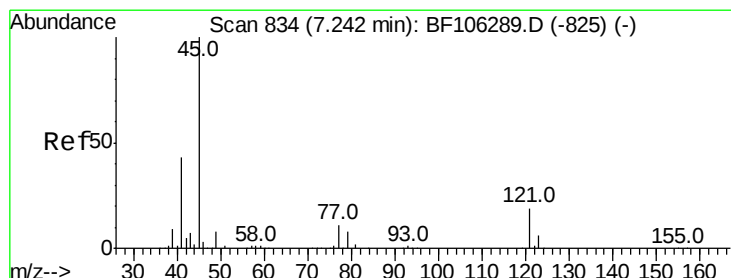
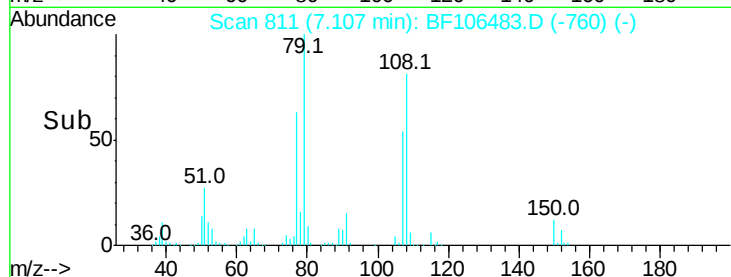
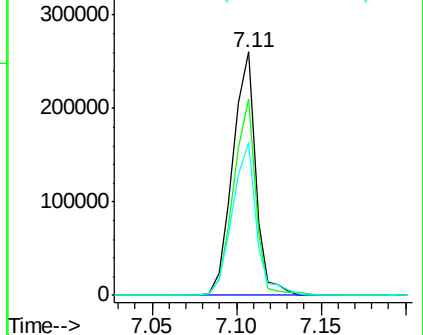
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.345 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

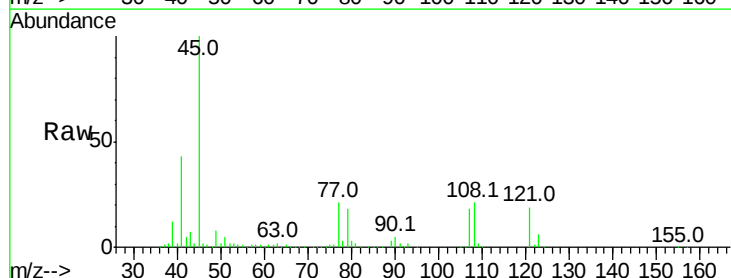
Tgt Ion: 45 Resp: 418632

Ion Ratio Lower Upper

45 100

77 21.5 0.0 32.9

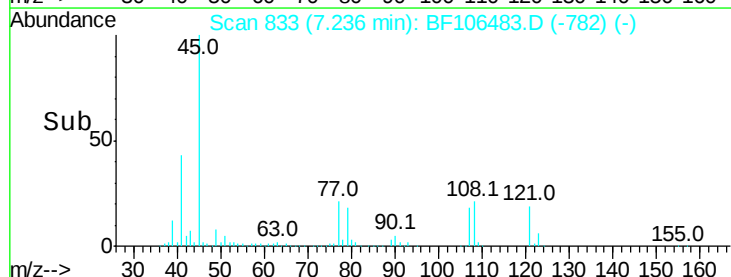
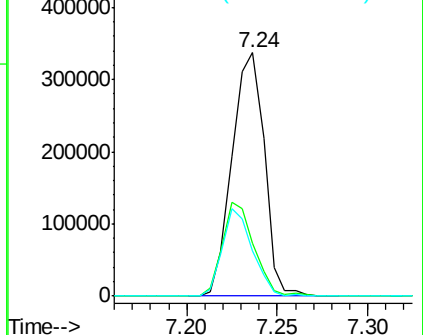
79 18.3 0.0 29.6

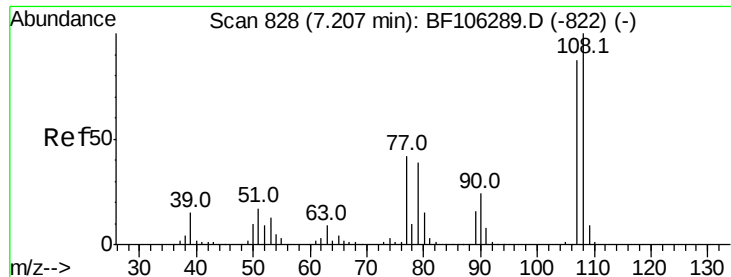


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.329 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

Tot Ion:107 Resp: 224833

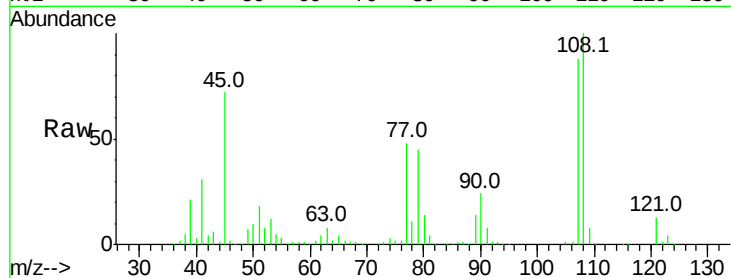
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 54.4 33.8 50.8#

79 50.6 33.8 50.8



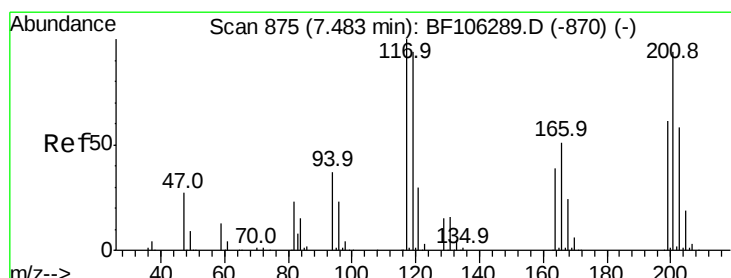
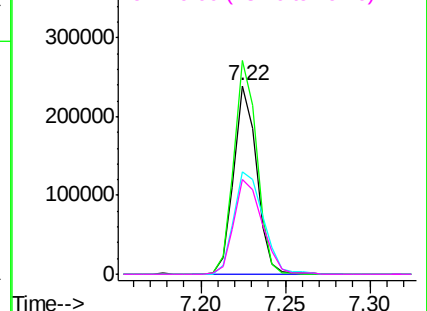
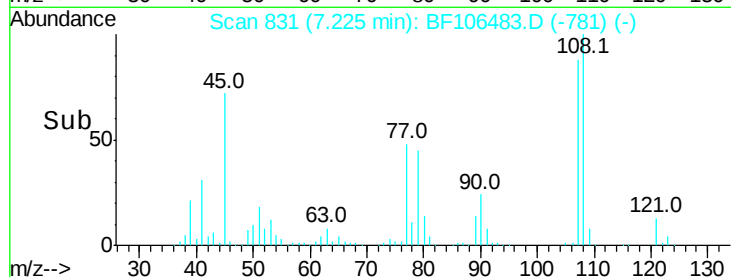
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.123 ng

RT: 7.48 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

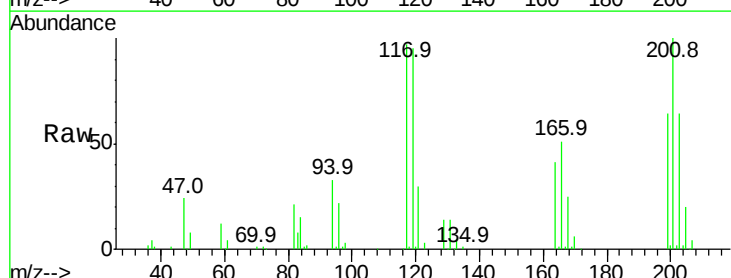
Tgt Ion:117 Resp: 91876

Ion Ratio Lower Upper

117 100

119 98.1 75.8 113.8

201 103.3 75.7 113.5

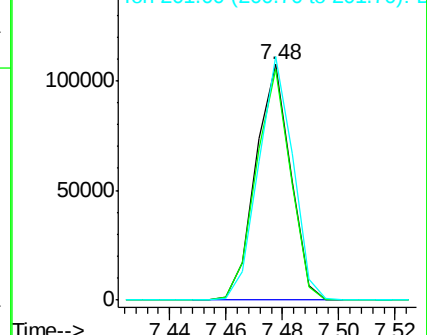
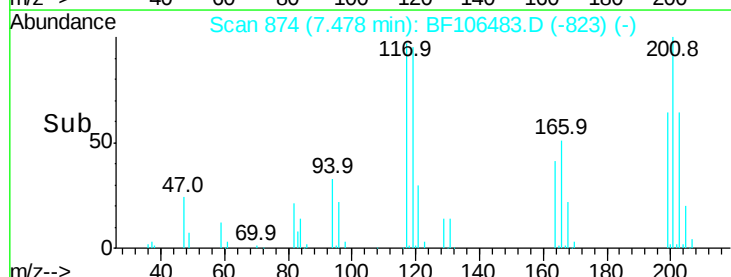


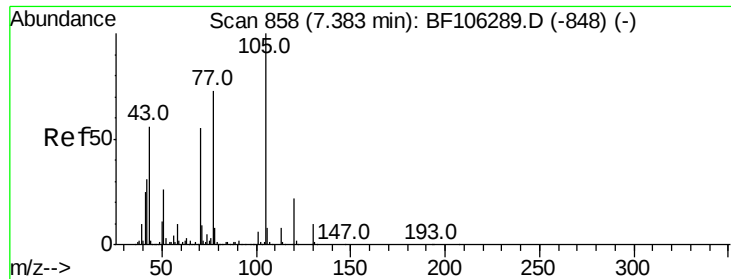
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

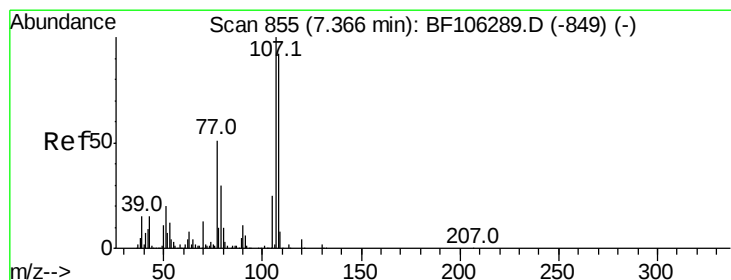
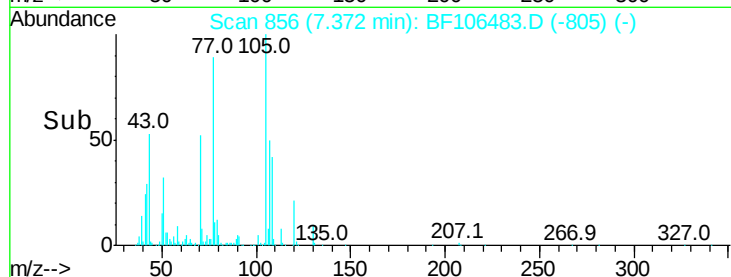
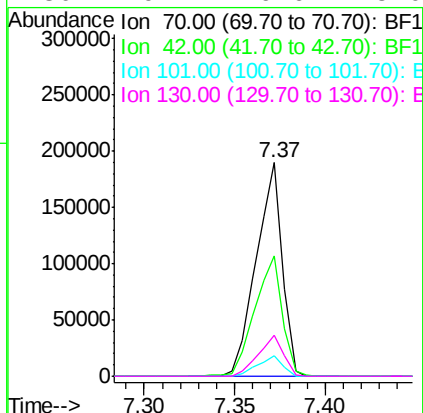
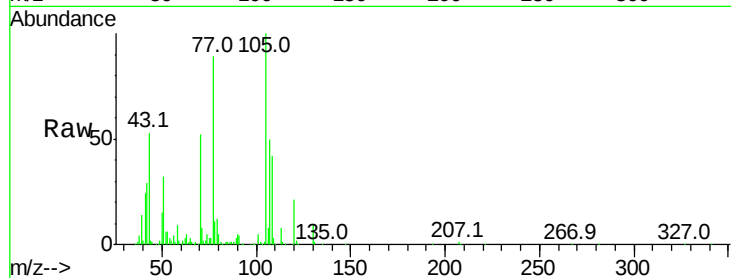




#19
n-Nitroso-di-n-propylamine
Concen: 31.089 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

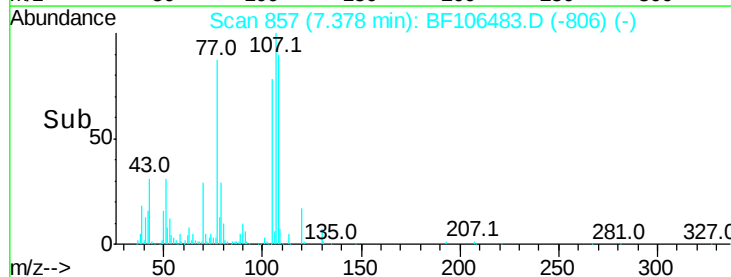
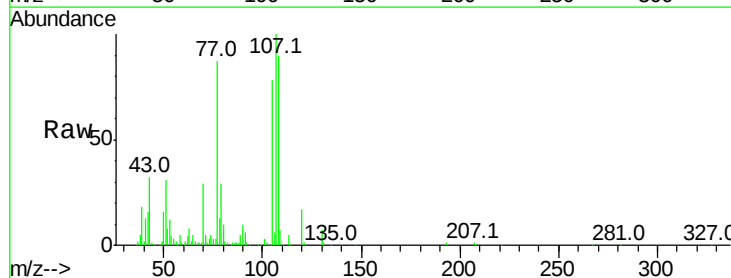
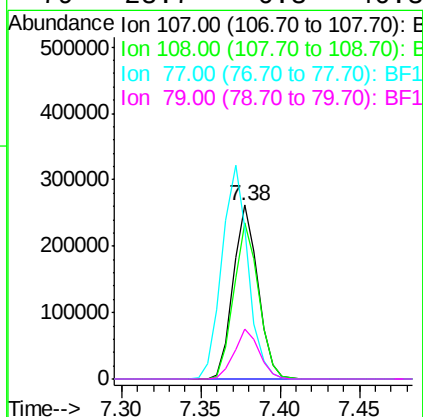
Instrument :
BNA_F
ClientSampleId :
PB110266BS

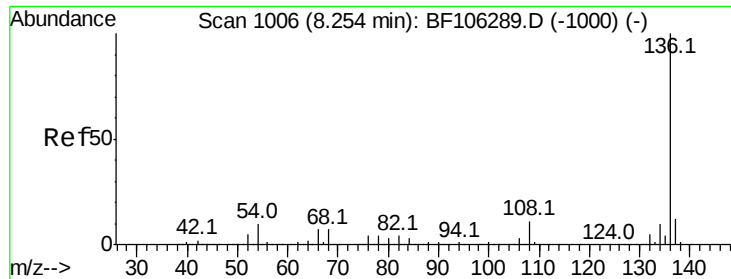
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	9.6	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.838 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	87.3	26.7	66.7#
79	28.7	6.3	46.3

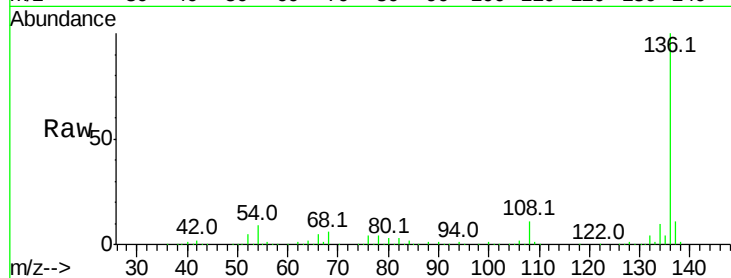




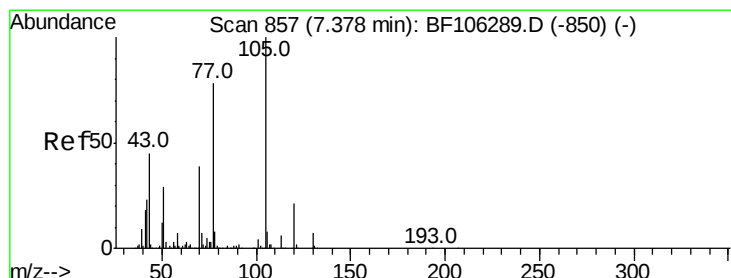
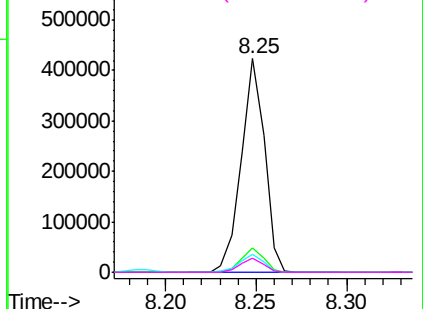
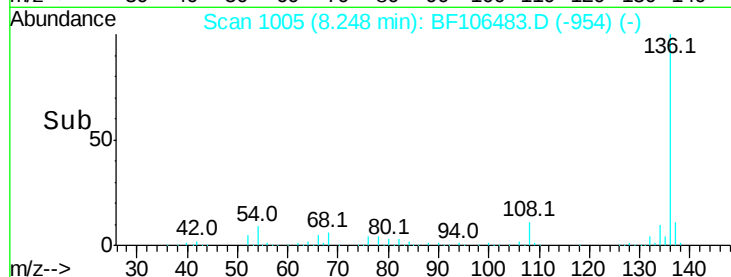
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion:	136	Resp:	377845
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4

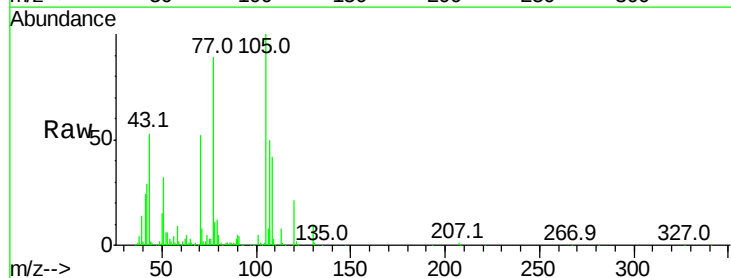


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

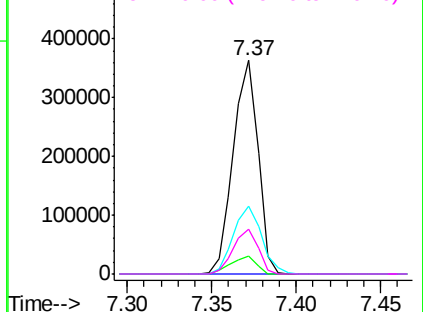
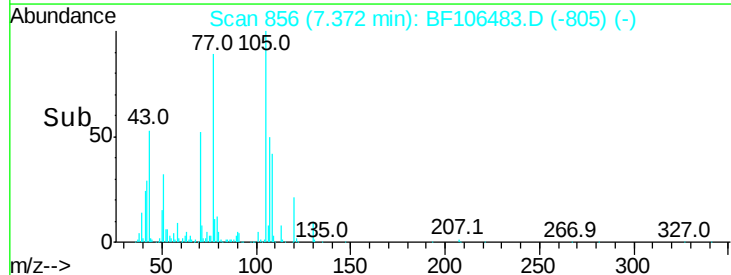


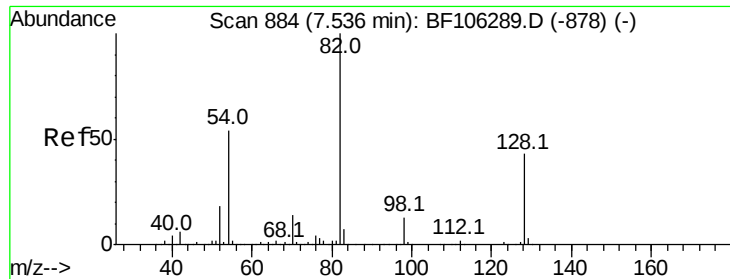
#22
Acetophenone
Concen: 39.030 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion:	105	Resp:	371648
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	31.5	22.3	33.5
120	21.1	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

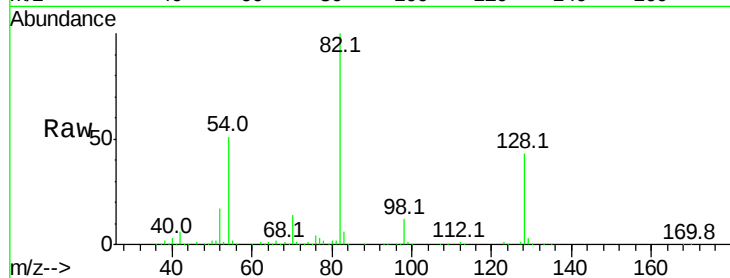




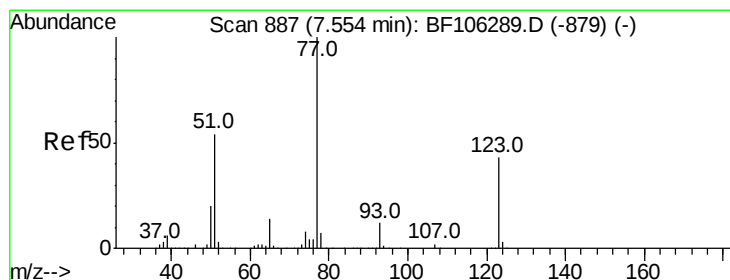
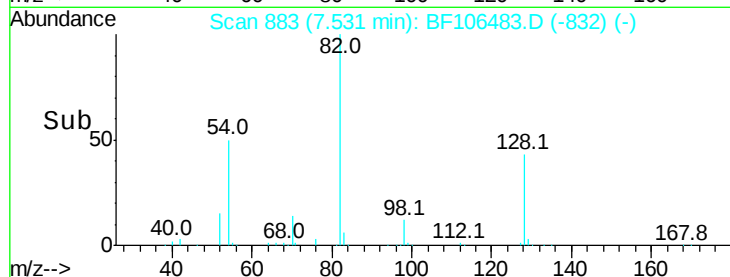
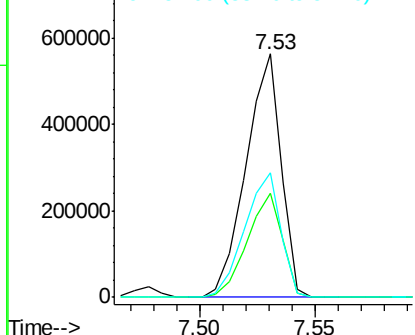
#23
Nitrobenzene-d5
Concen: 92.952 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion: 82 Resp: 597011
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 51.1 41.4 62.2

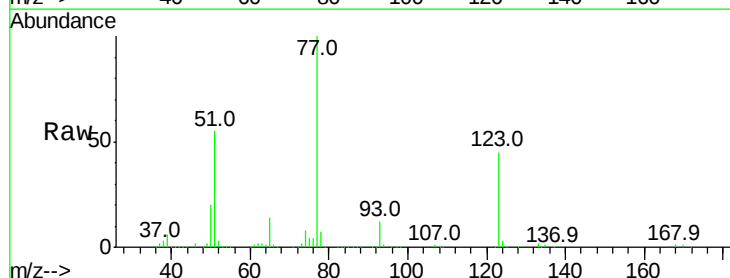


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

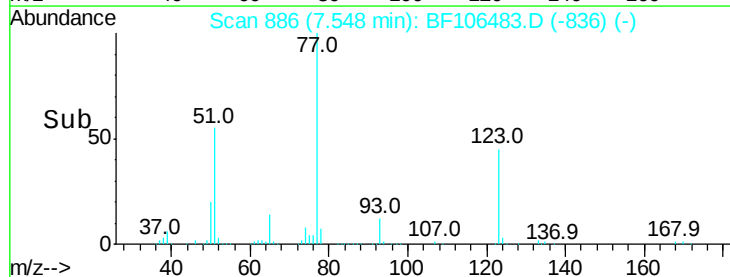
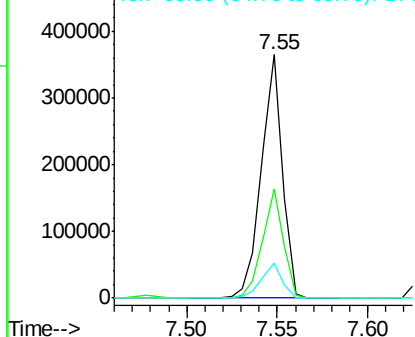


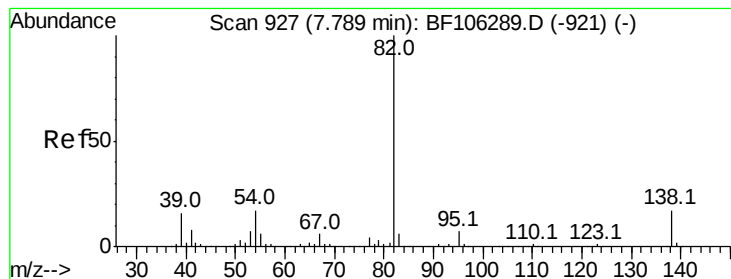
#24
Nitrobenzene
Concen: 42.641 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion: 77 Resp: 297678
Ion Ratio Lower Upper
77 100
123 44.8 37.9 56.9
65 14.2 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: 41.724 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

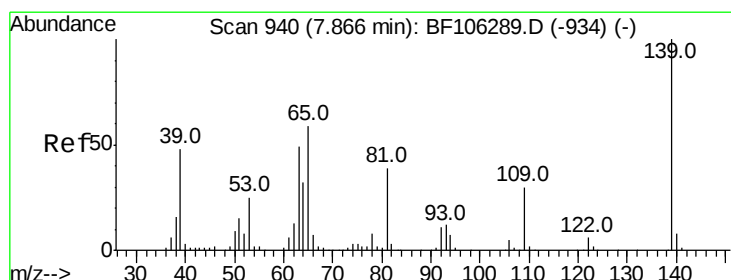
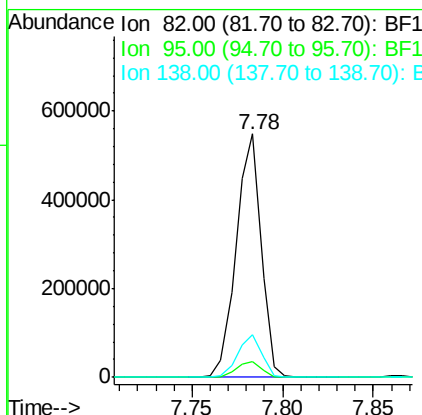
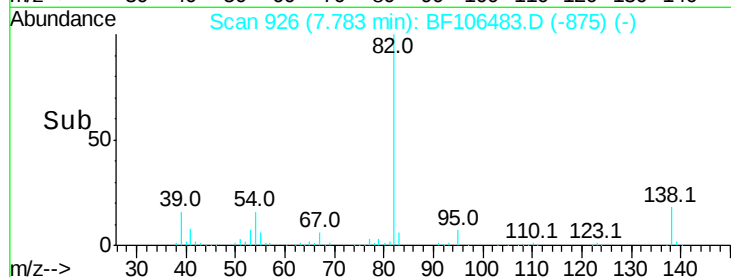
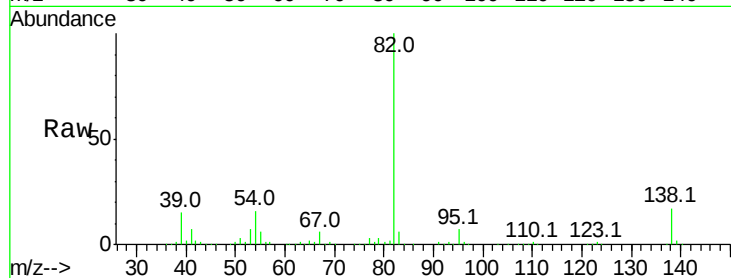
Tot Ion: 82 Resp: 523441

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 46.938 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

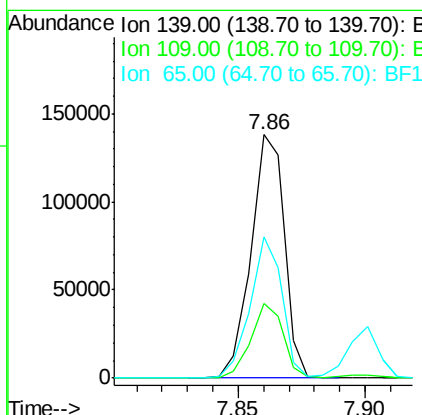
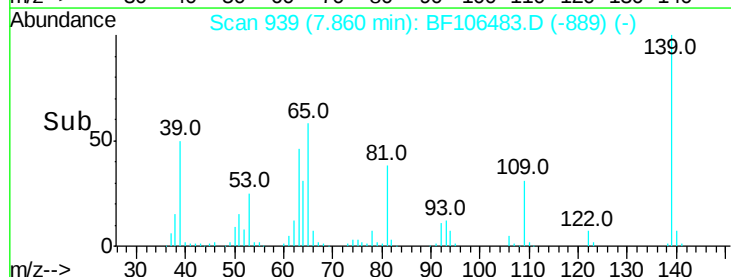
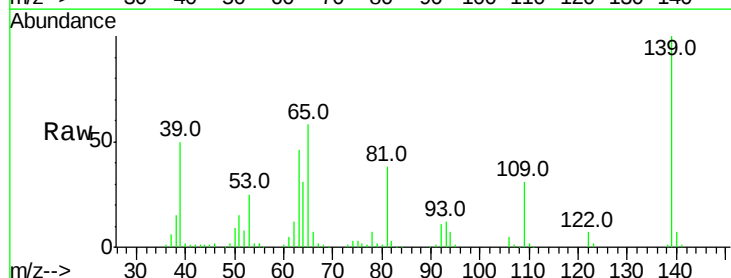
Tgt Ion: 139 Resp: 127185

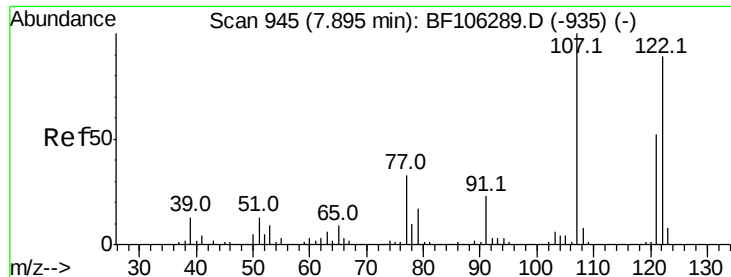
Ion Ratio Lower Upper

139 100

109 30.5 22.7 34.1

65 57.8 40.5 60.7

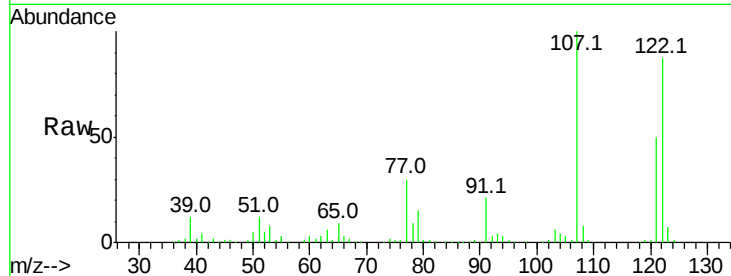




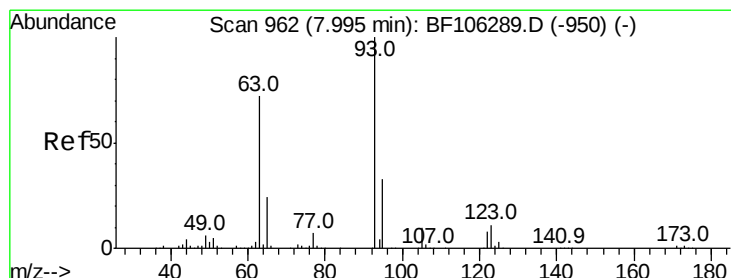
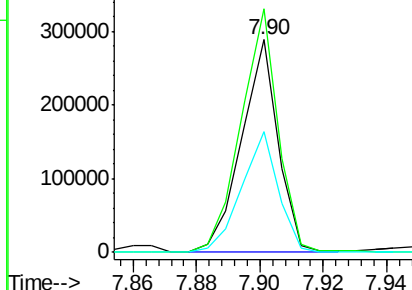
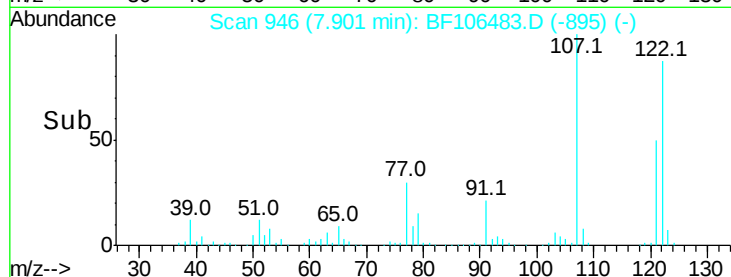
#27
 2,4-Dimethylphenol
 Concen: 43.701 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion:122 Resp: 232094
 Ion Ratio Lower Upper
 122 100
 107 114.4 91.2 136.8
 121 56.9 47.2 70.8

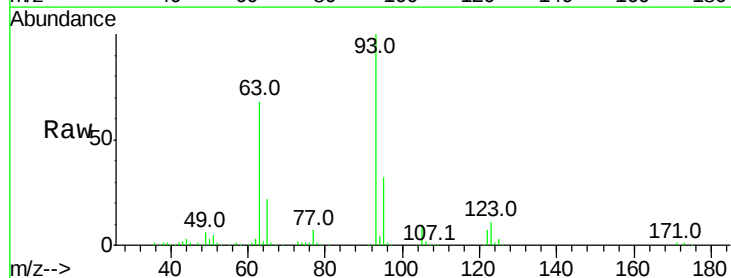


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

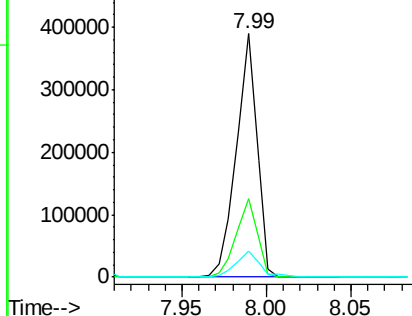
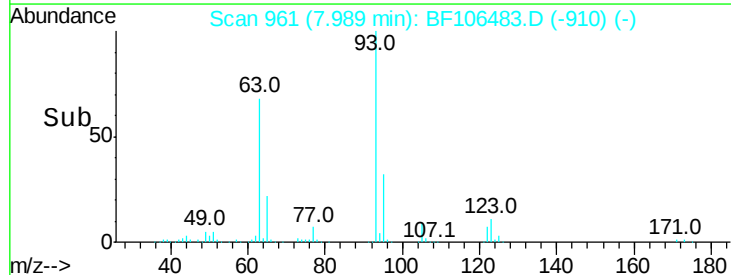


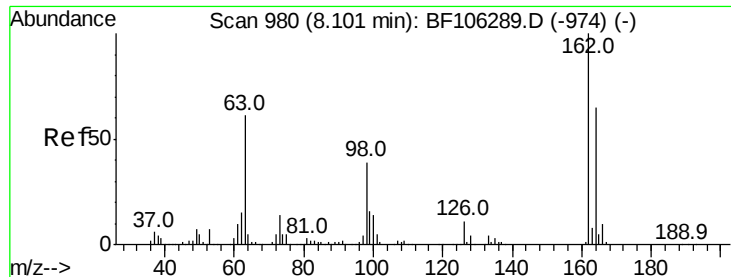
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.772 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion: 93 Resp: 331662
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

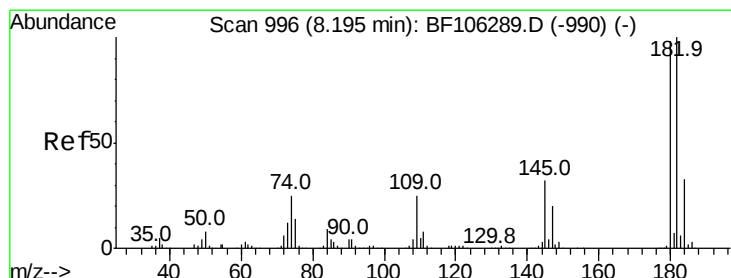
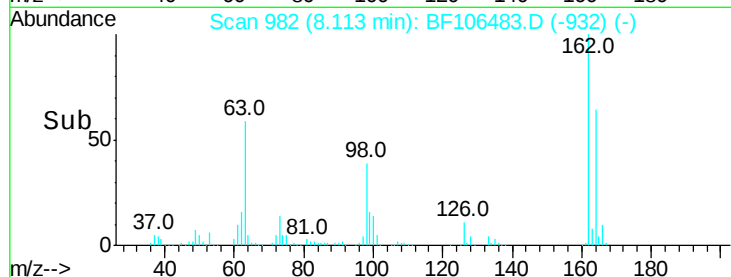
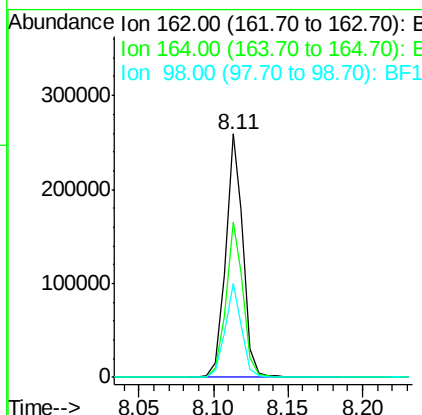
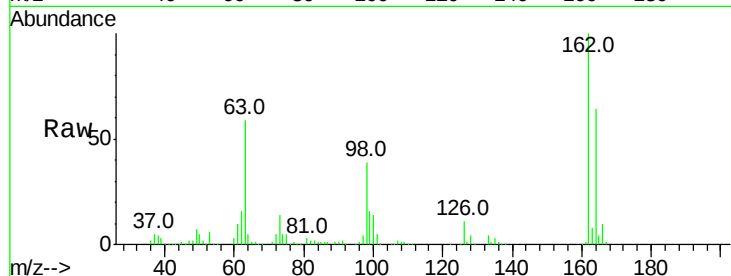




#29
 2,4-Dichlorophenol
 Concen: 41.724 ng
 RT: 8.11 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

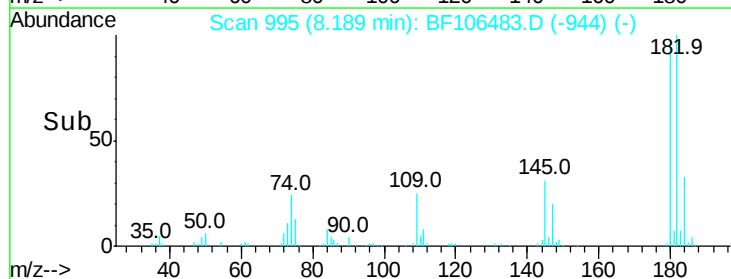
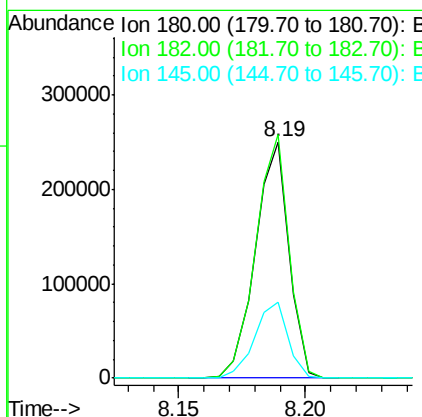
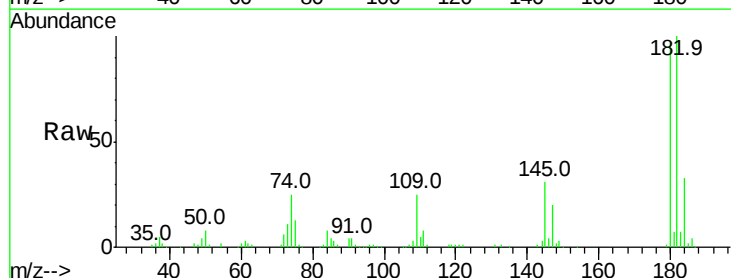
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

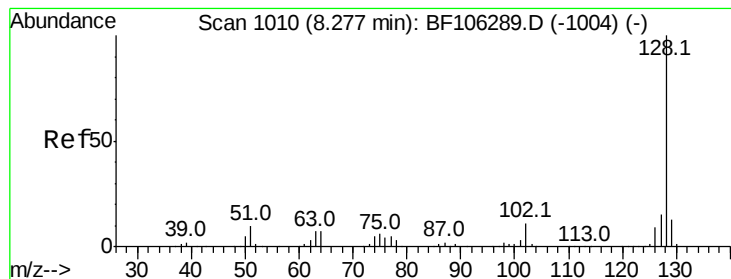
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	38.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.061 ng
 RT: 8.19 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.2	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 41.550 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

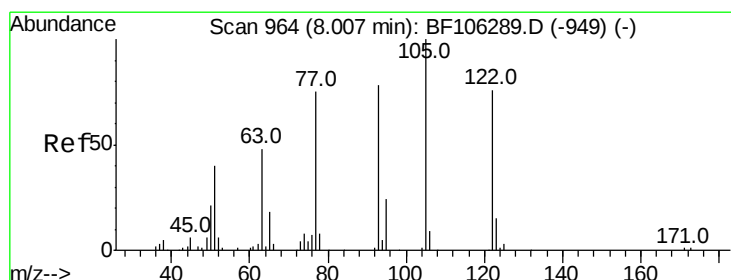
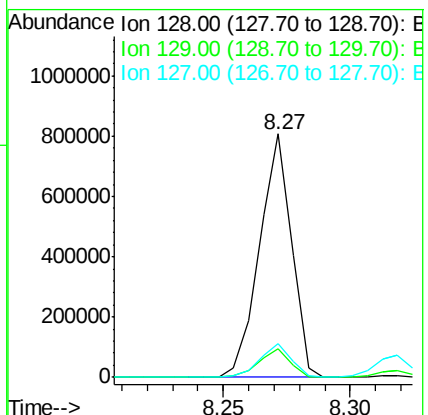
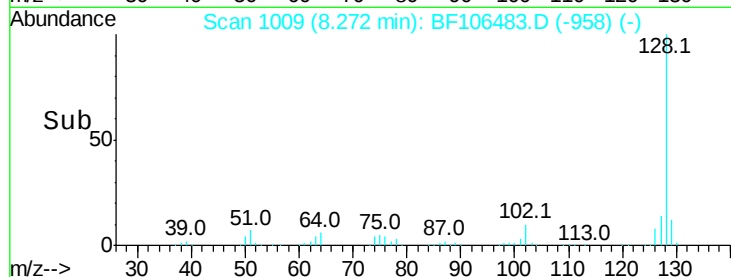
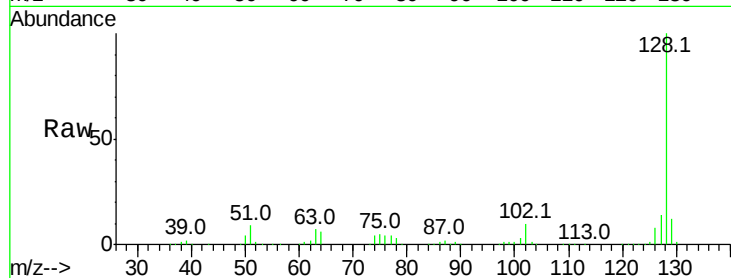
Tot Ion:128 Resp: 709694

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 34.006 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

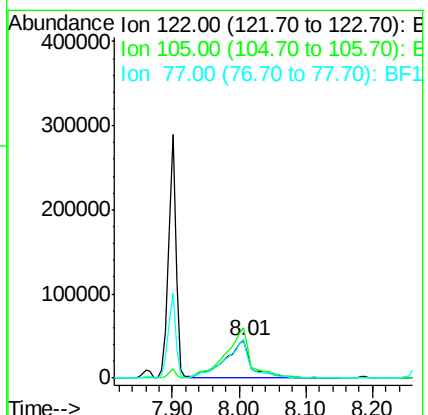
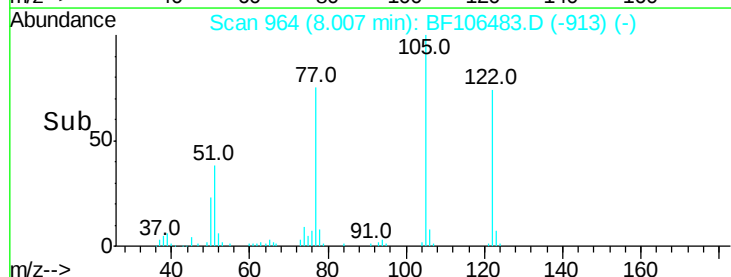
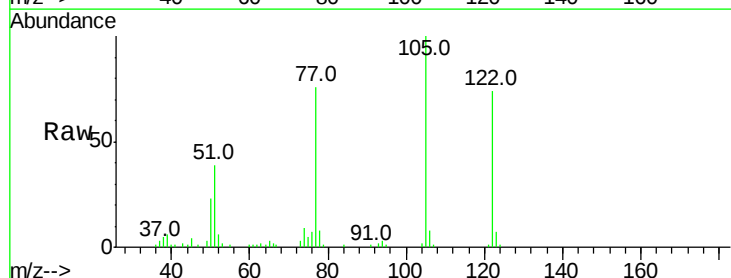
Tgt Ion:122 Resp: 123393

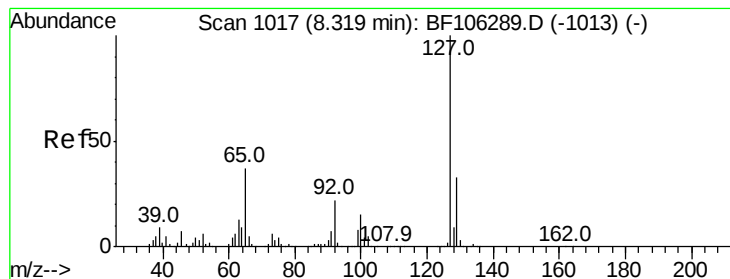
Ion Ratio Lower Upper

122 100

105 135.8 101.1 141.1

77 103.7 70.7 110.7





#33

4-Chloroaniline

Concen: 10.793 ng

RT: 8.32 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

Tot Ion:127 Resp: 81698

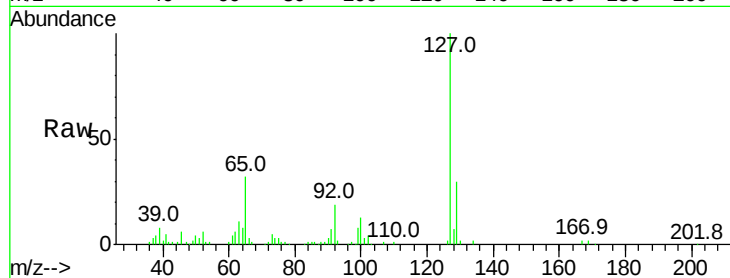
Ion Ratio Lower Upper

127 100

129 30.1 25.9 38.9

65 32.4 25.0 37.4

92 19.5 15.2 22.8

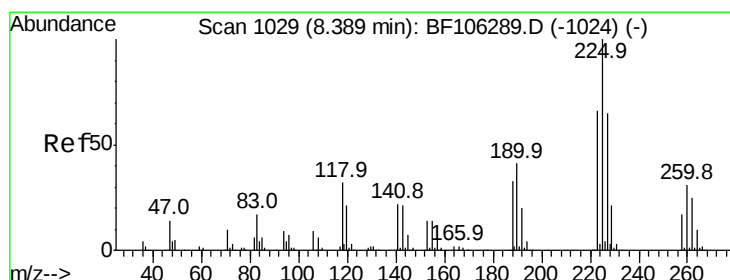
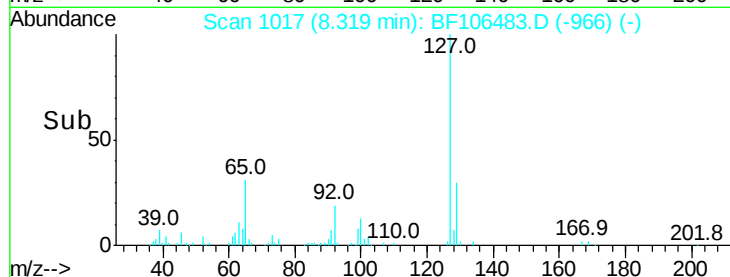
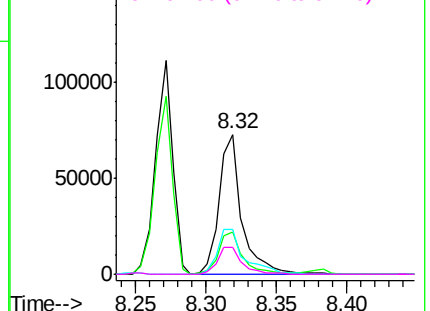


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.517 ng

RT: 8.38 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

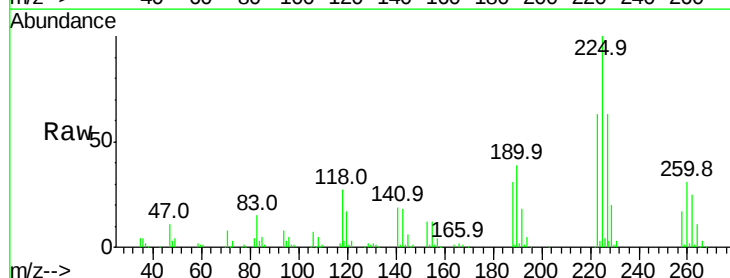
Tgt Ion:225 Resp: 153232

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

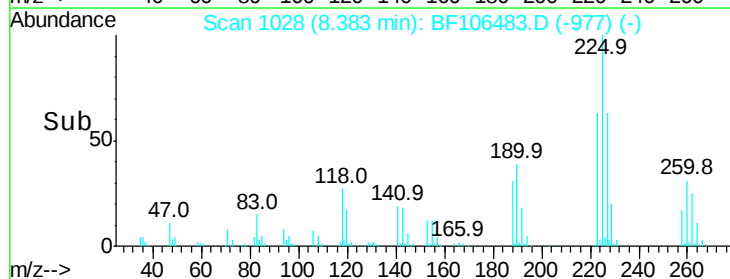
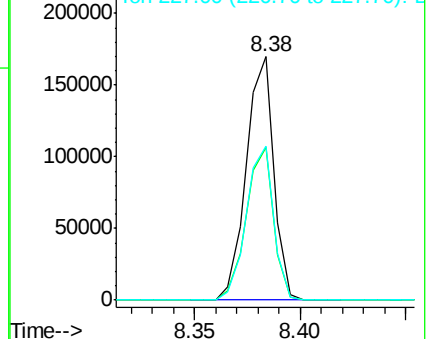
227 63.3 51.9 77.9

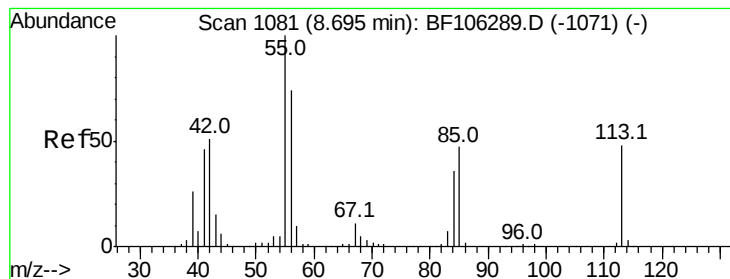


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.966 ng

RT: 8.68 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

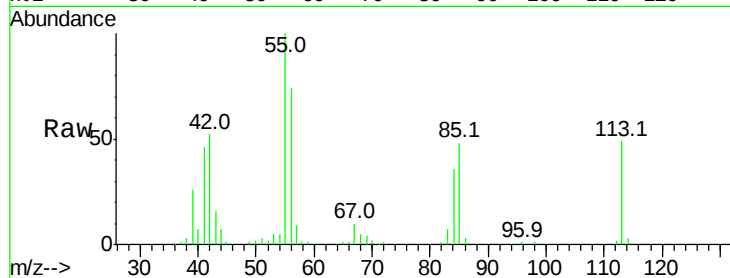
Tot Ion:113 Resp: 64064

Ion Ratio Lower Upper

113 100

55 202.1 163.3 203.3

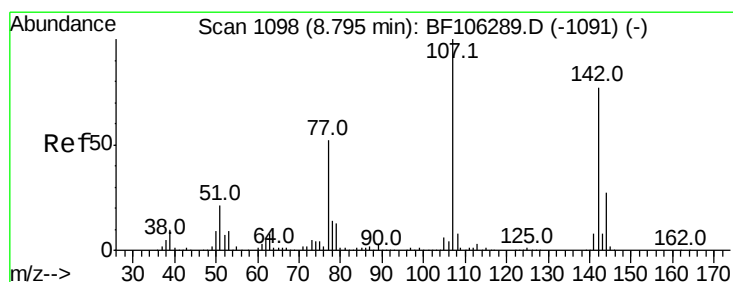
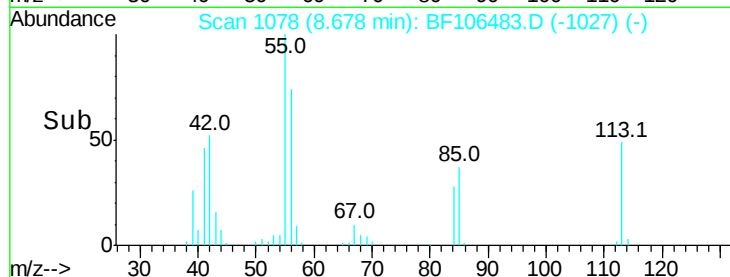
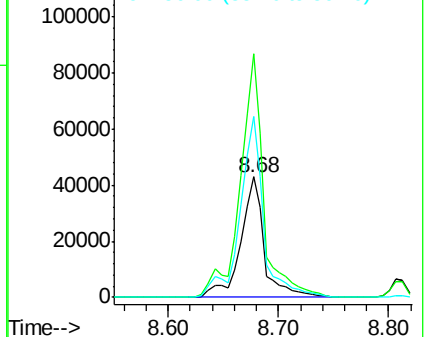
56 150.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.351 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

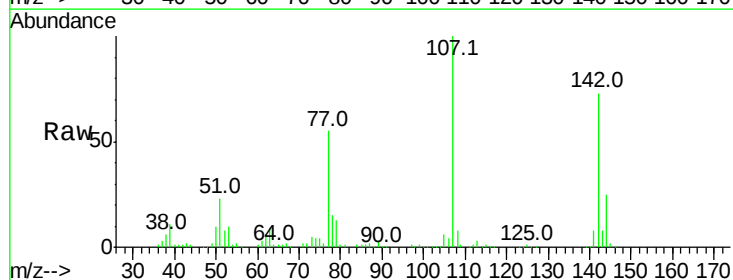
Tgt Ion:107 Resp: 211691

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

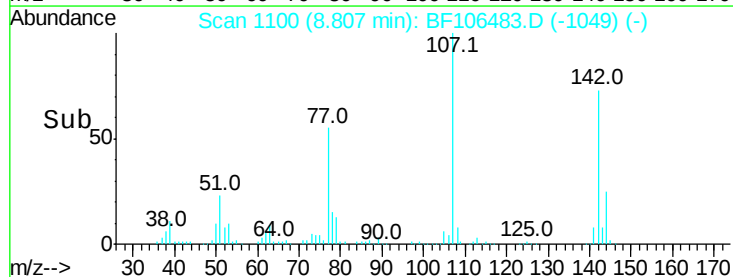
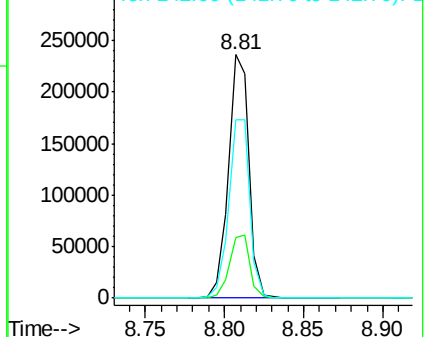
142 73.2 62.0 93.0

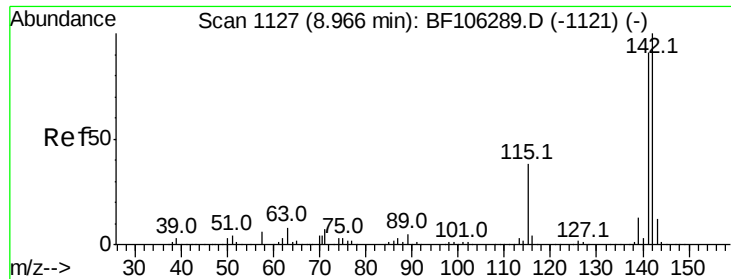


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

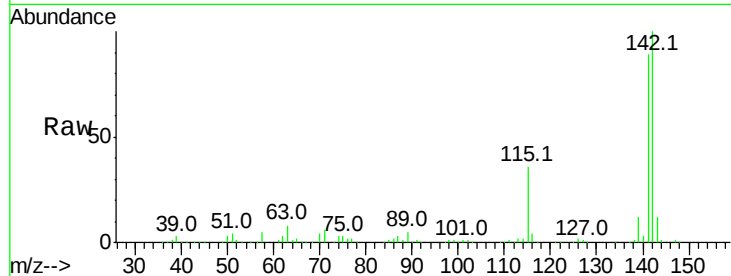




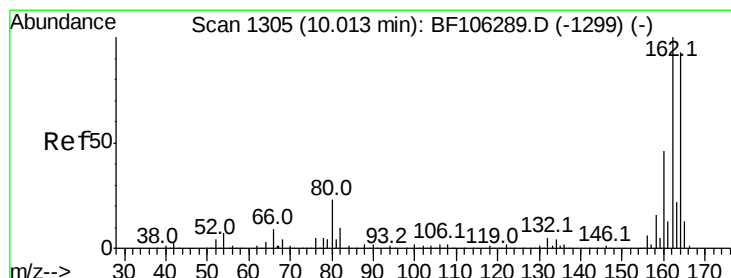
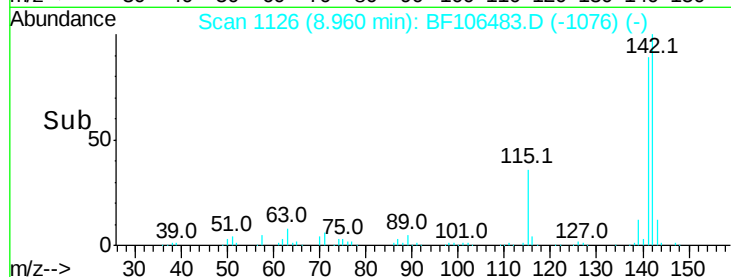
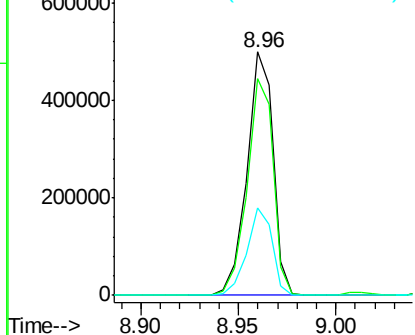
#37
2-Methylnaphthalene
Concen: 39.641 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	36.0	26.1	39.1

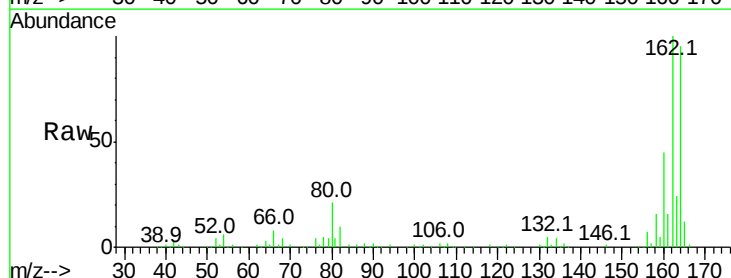


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

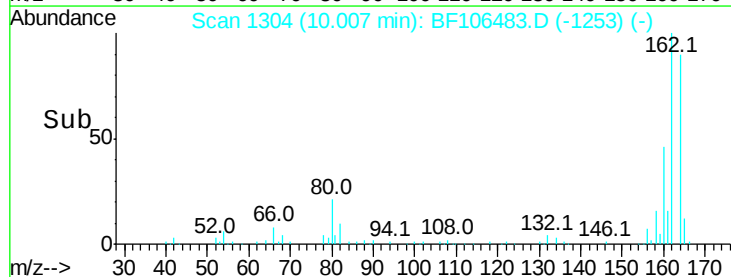
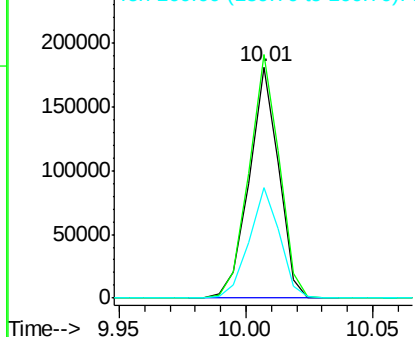


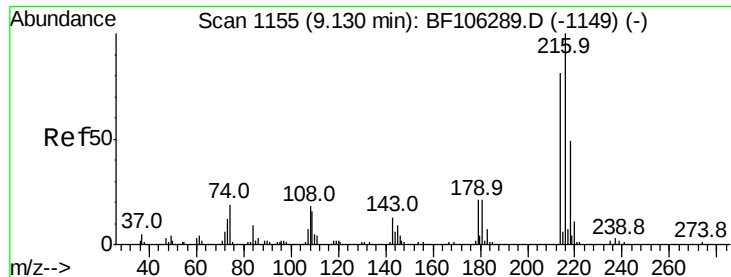
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.9	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

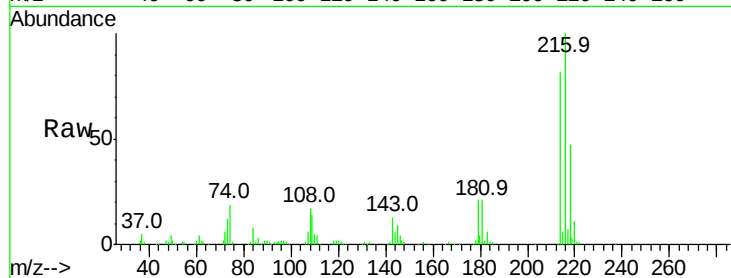




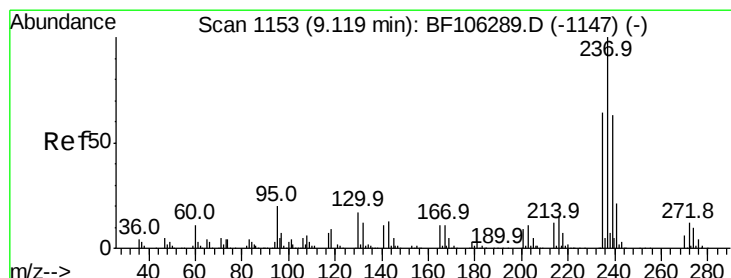
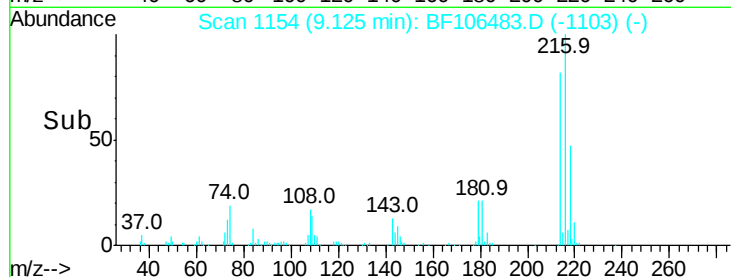
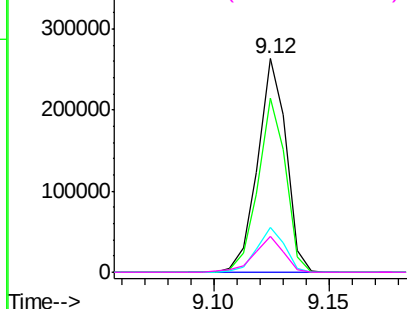
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.491 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion:	216	Resp:	226372
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.5	18.1	27.1
108	16.8	17.2	25.8#

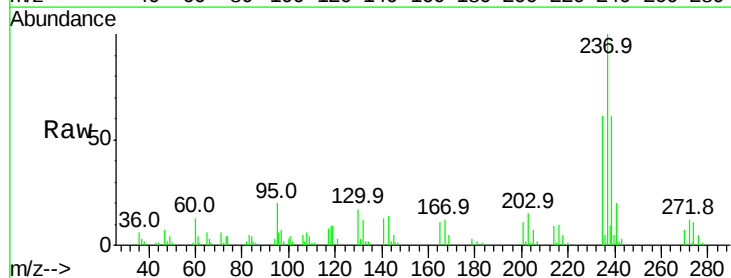


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

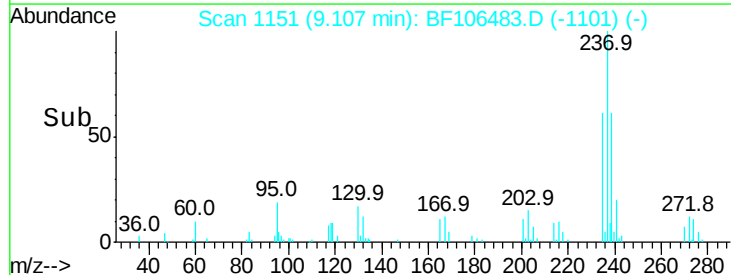
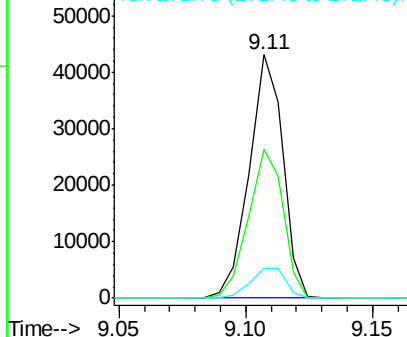


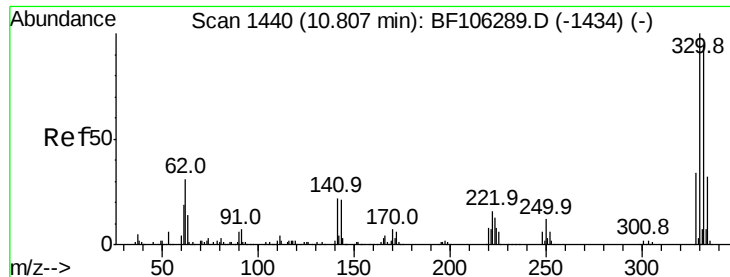
#40
 Hexachlorocyclopentadiene
 Concen: 15.219 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:	237	Resp:	40025
Ion	Ratio	Lower	Upper
237	100		
235	61.1	44.8	84.8
272	12.4	0.0	33.3



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

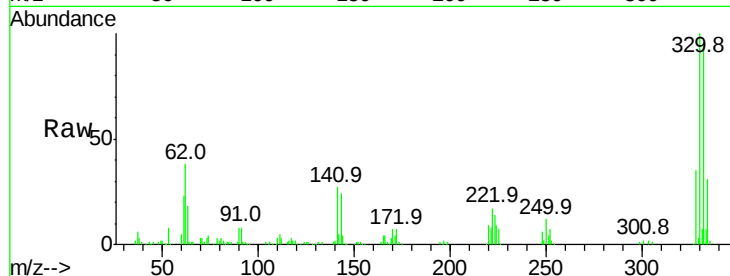




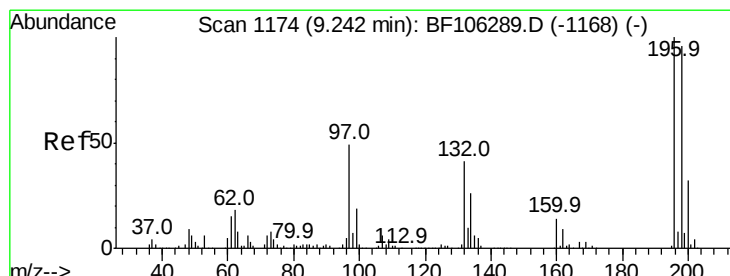
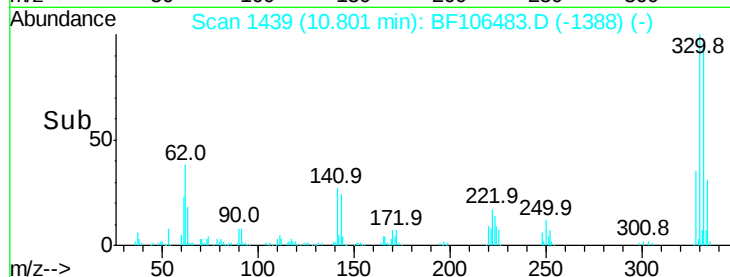
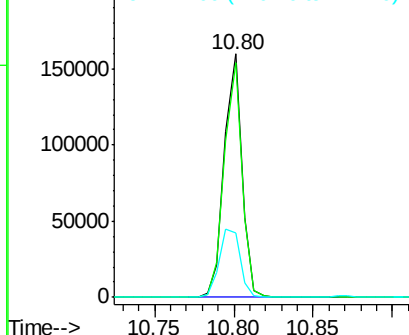
#41
 2,4,6-Tribromophenol
 Concen: 87.977 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion:330 Resp: 124293
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.7 29.9 44.9

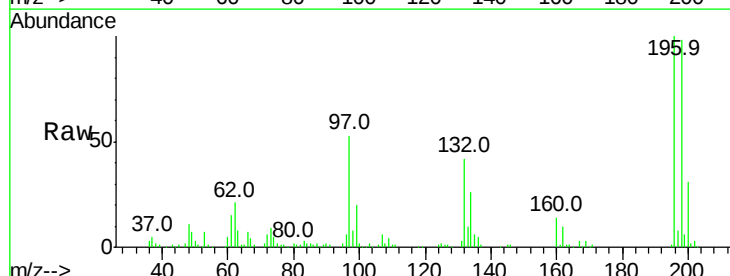


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

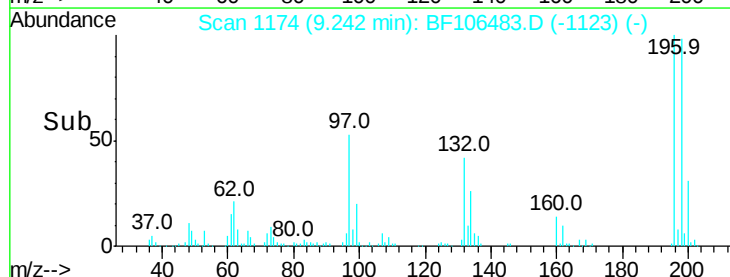
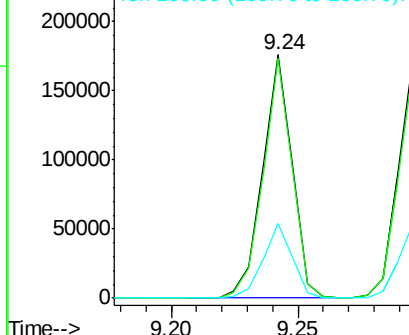


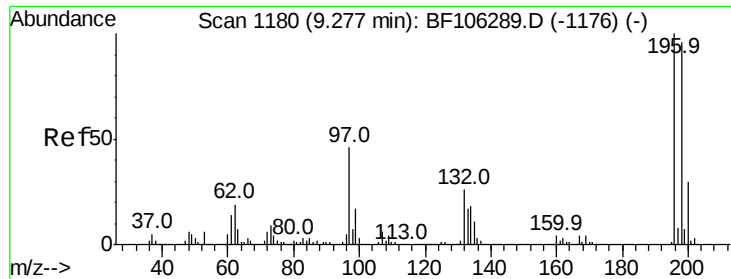
#42
 2,4,6-Trichlorophenol
 Concen: 47.250 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:196 Resp: 143530
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.7 113.5
 200 30.9 24.5 36.7



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

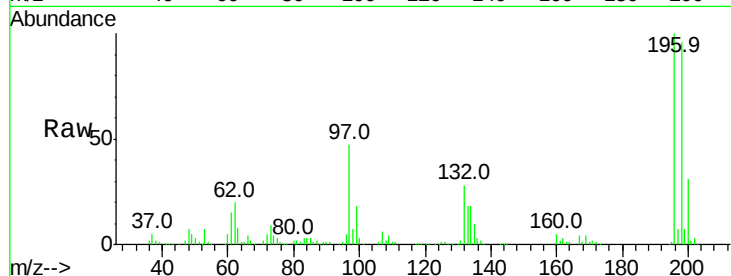




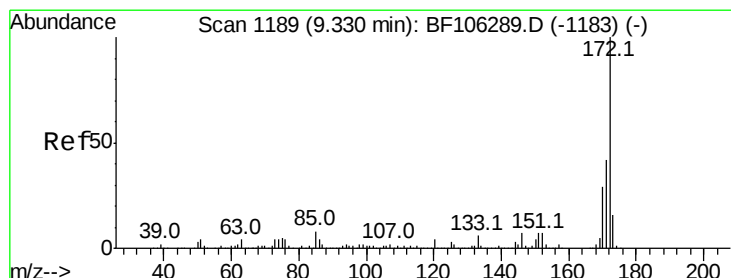
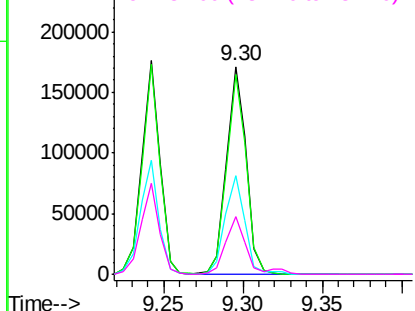
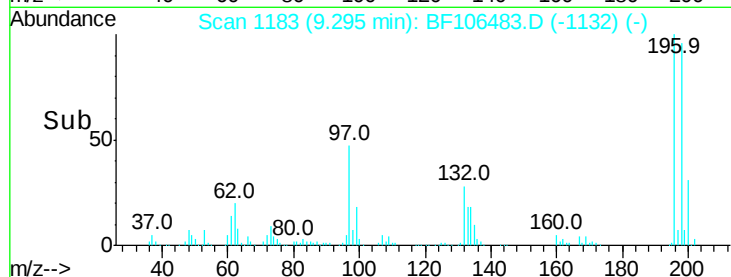
#43
 2,4,5-Trichlorophenol
 Concen: 44.817 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion:196 Resp: 146764
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.6 112.0
 97 47.1 42.9 64.3
 132 27.7 26.3 39.5

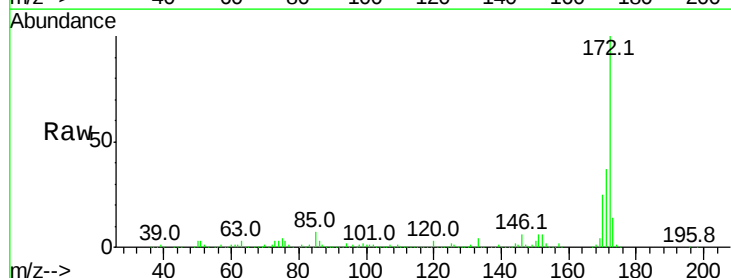


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

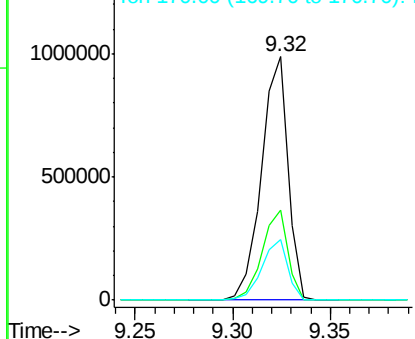
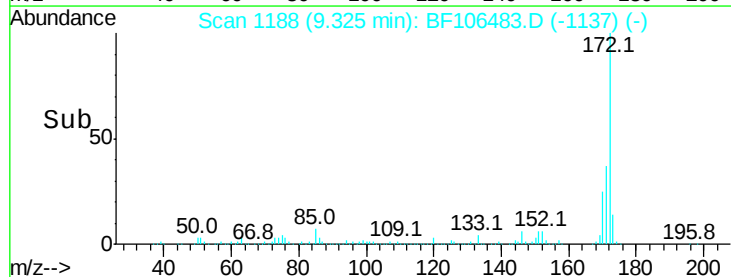


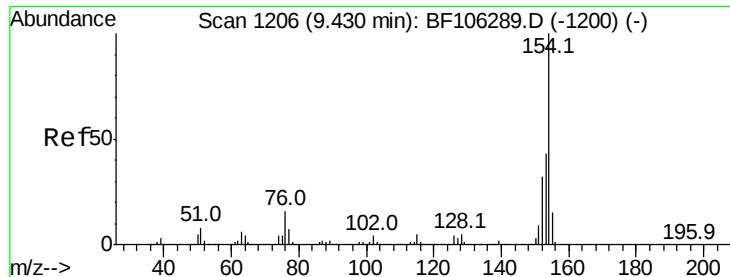
#44
 2-Fluorobiphenyl
 Concen: 133.050 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:172 Resp: 927161
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.0 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

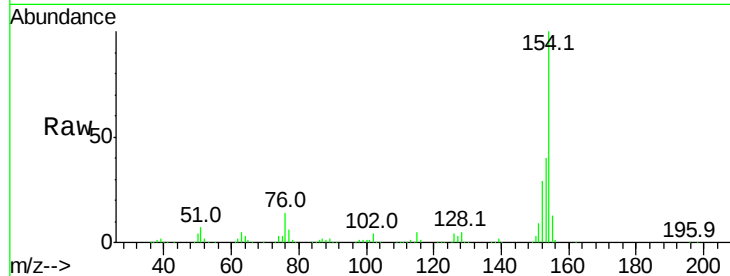




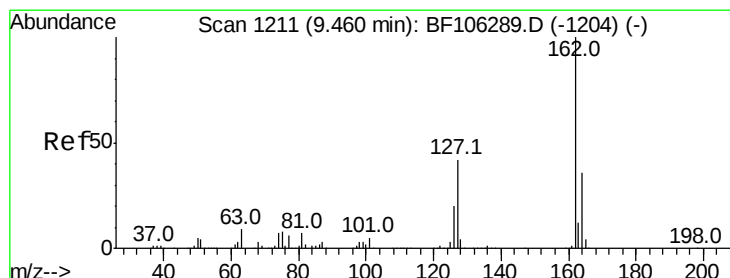
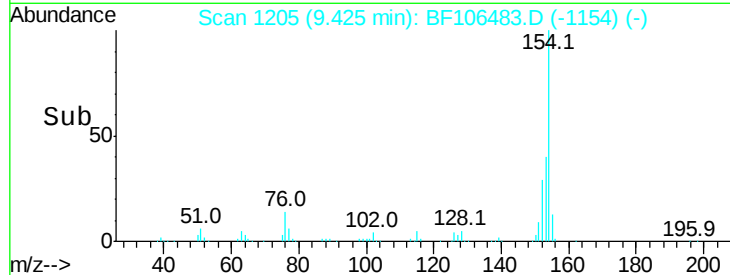
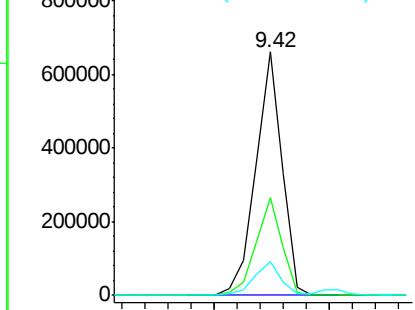
#45
1,1'-Biphenyl
Concen: 46.170 ng
RT: 9.42 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion:154 Resp: 525098
Ion Ratio Lower Upper
154 100
153 40.0 21.3 61.3
76 13.9 0.0 34.0

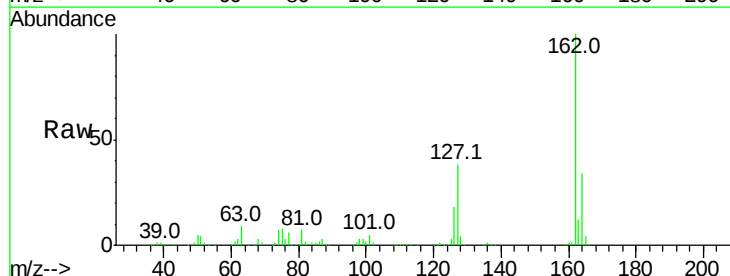


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

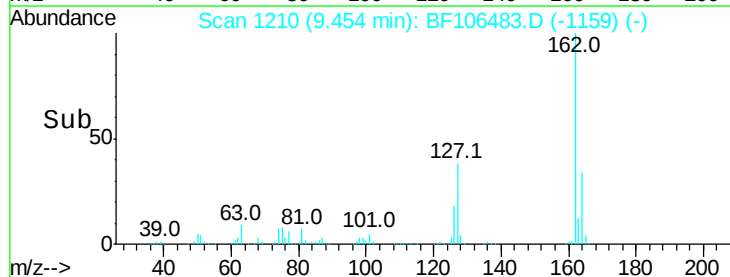
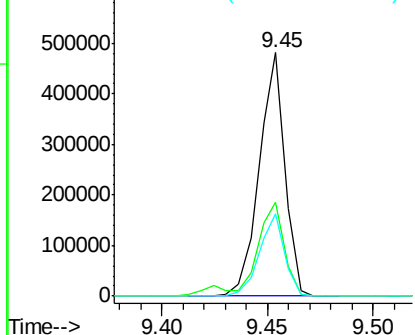


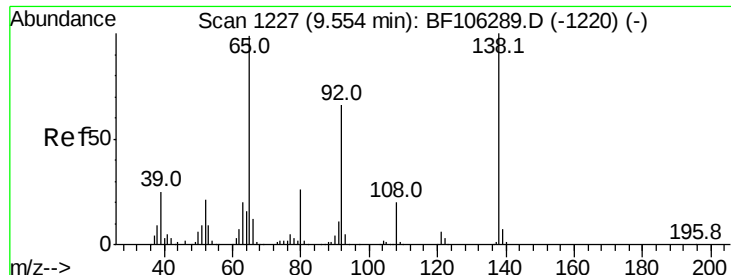
#46
2-Chloronaphthalene
Concen: 44.562 ng
RT: 9.45 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion:162 Resp: 405576
Ion Ratio Lower Upper
162 100
127 38.4 33.9 50.9
164 33.8 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

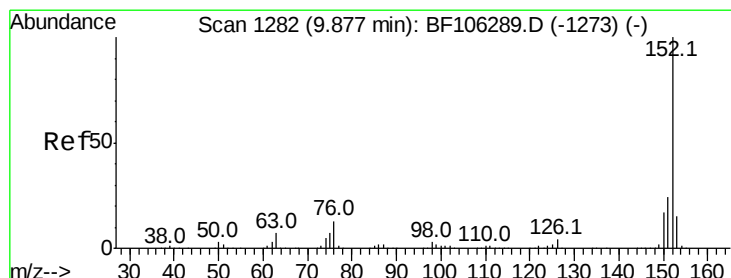
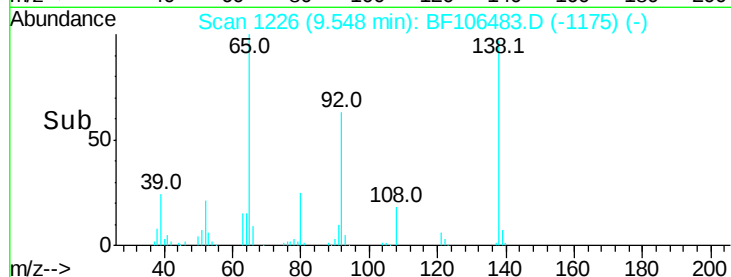
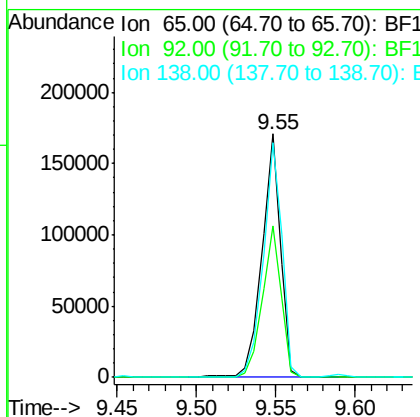
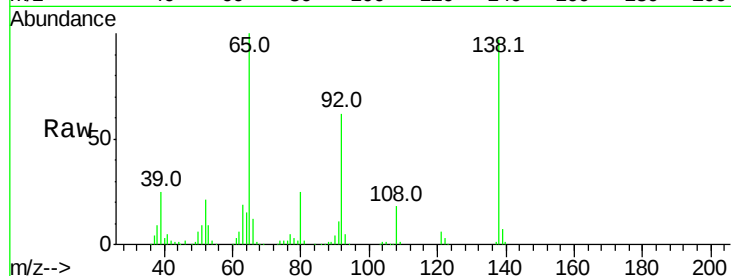




#47
2-Nitroaniline
Concen: 49.456 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

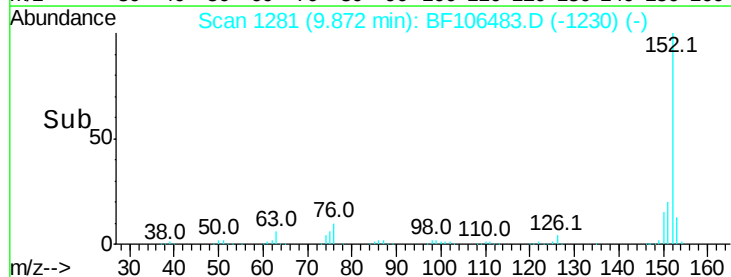
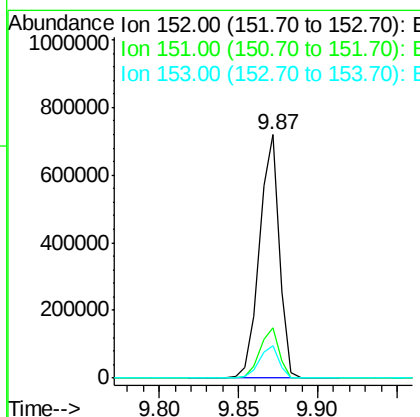
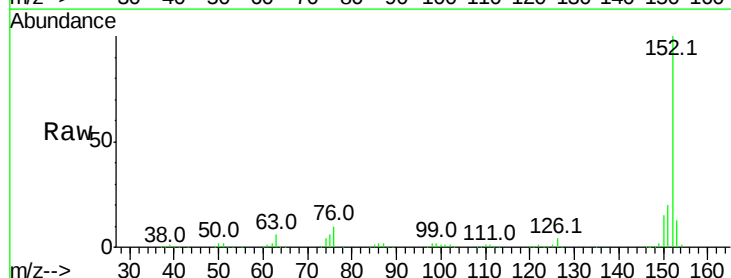
Instrument :
BNA_F
ClientSampleId :
PB110266BS

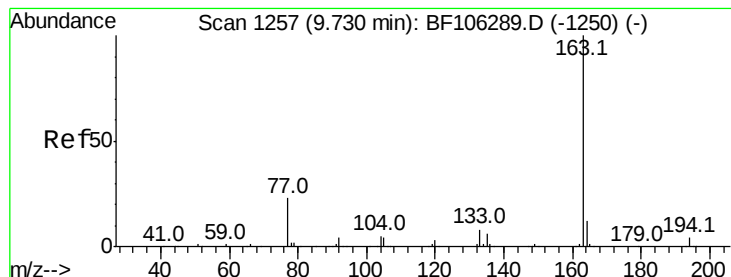
Tot Ion: 65 Resp: 141600
Ion Ratio Lower Upper
65 100
92 62.3 55.8 83.6
138 96.6 91.2 136.8



#48
Acenaphthylene
Concen: 45.122 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion: 152 Resp: 628586
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 44.775 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

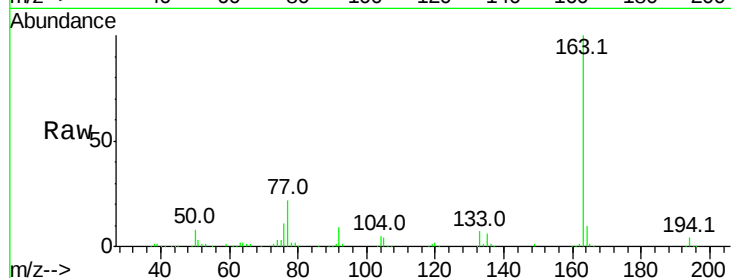
Tot Ion:163 Resp: 469715

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

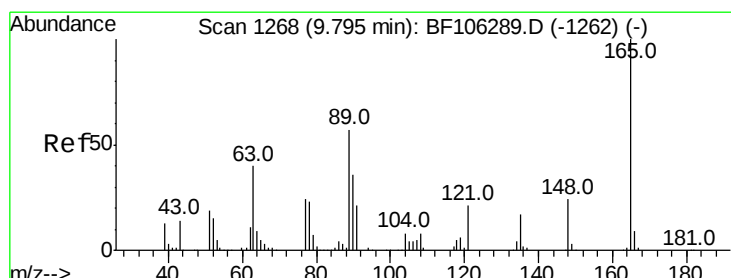
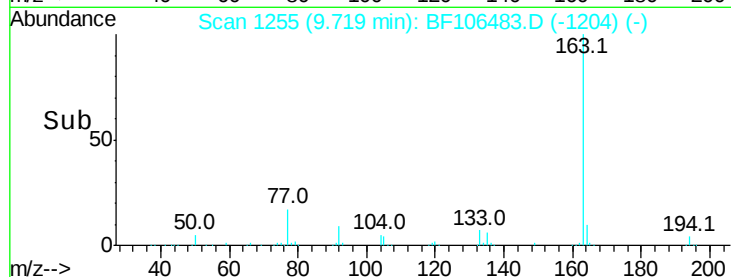
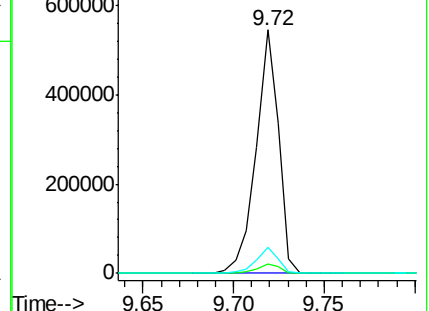
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.434 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

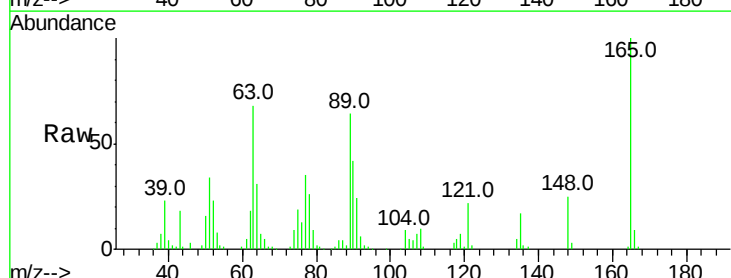
Tgt Ion:165 Resp: 93072

Ion Ratio Lower Upper

165 100

63 68.4 44.7 67.1#

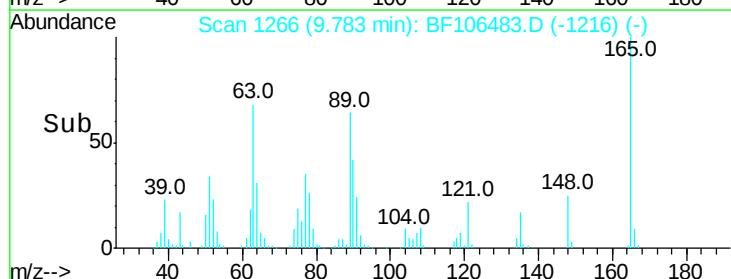
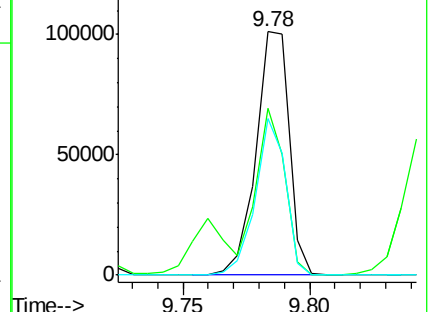
89 64.2 44.0 66.0

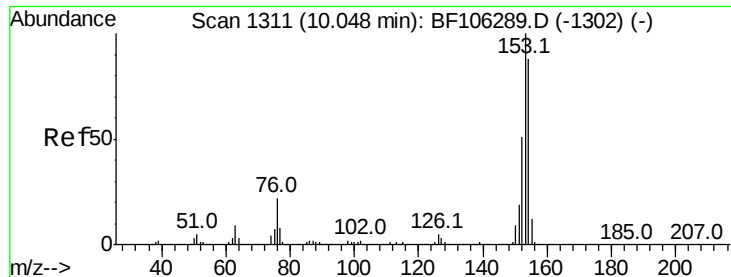


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.703 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

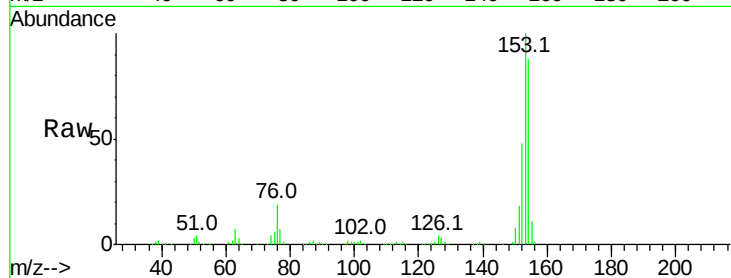
Tot Ion:154 Resp: 357197

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

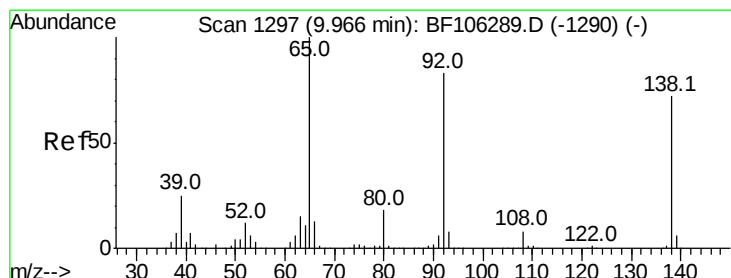
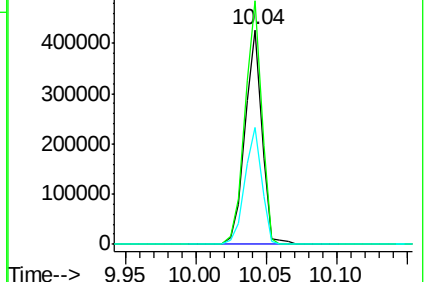
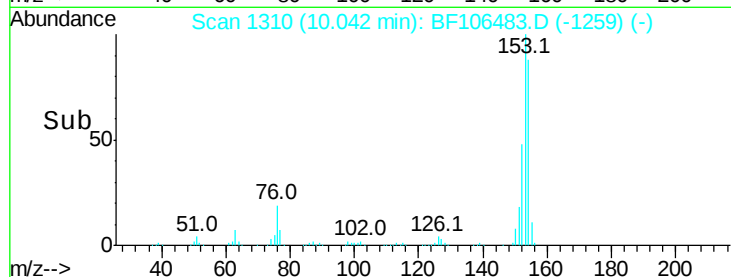
152 54.6 43.8 65.8



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: 26.751 ng

RT: 9.96 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

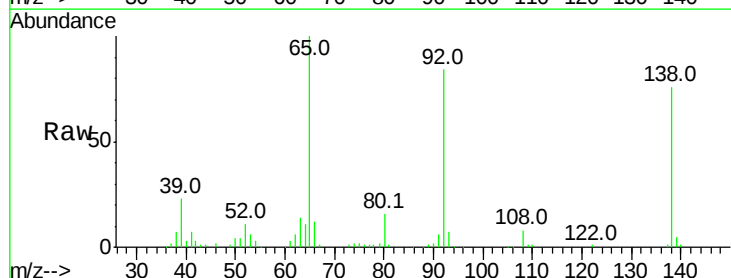
Tgt Ion:138 Resp: 68036

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

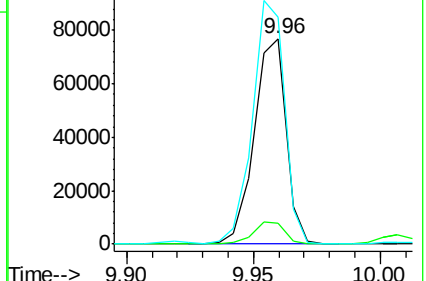
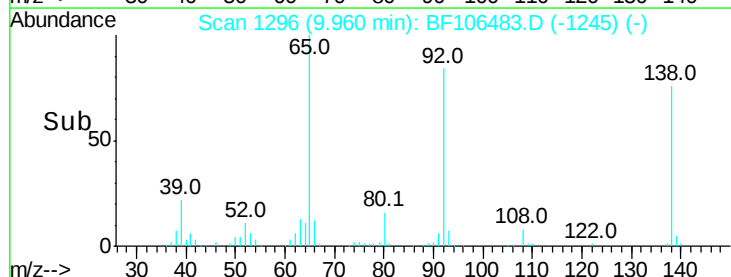
92 110.6 89.4 134.2

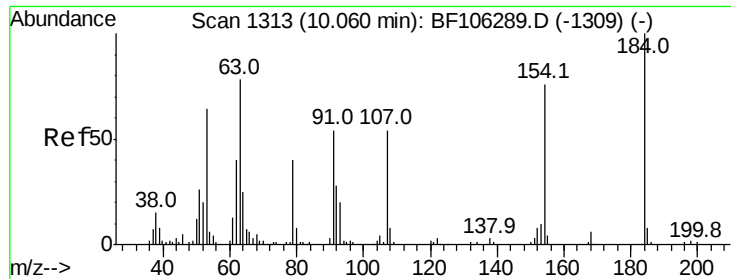


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

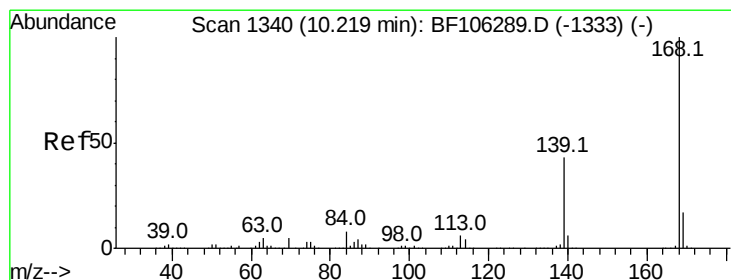
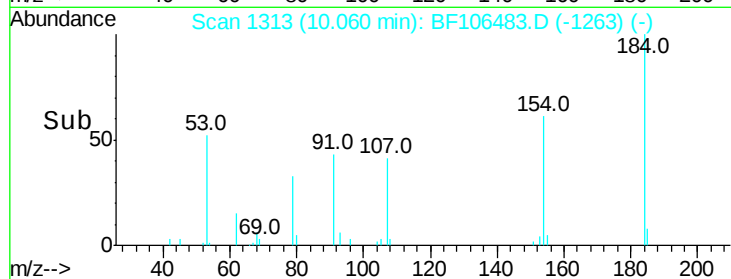
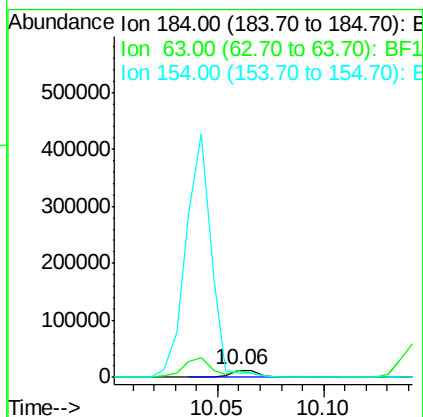
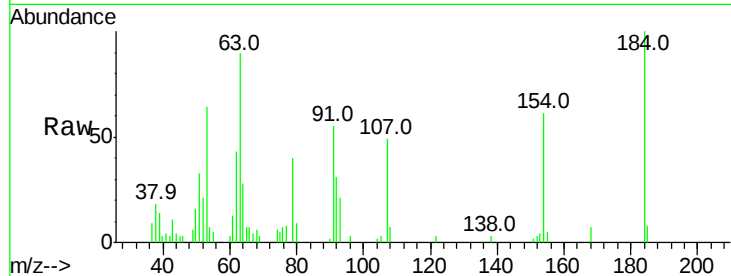




#53
 2,4-Dinitrophenol
 Concen: 19.480 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

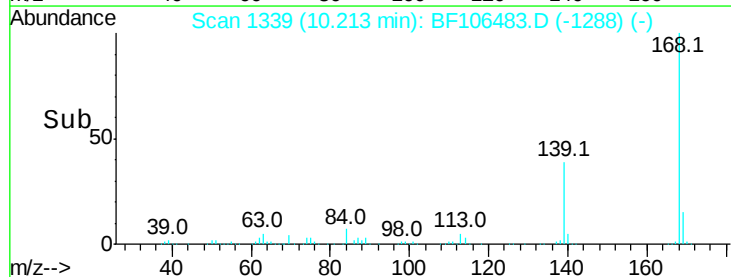
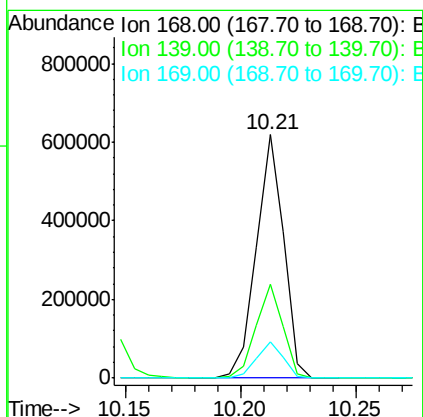
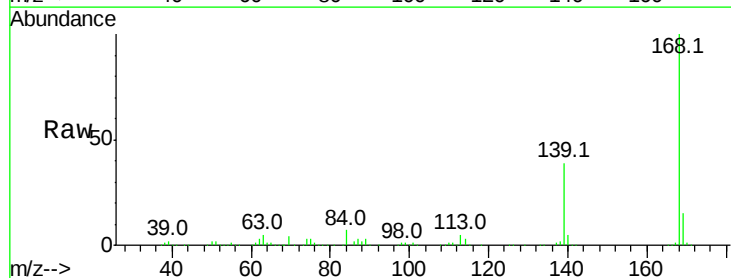
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

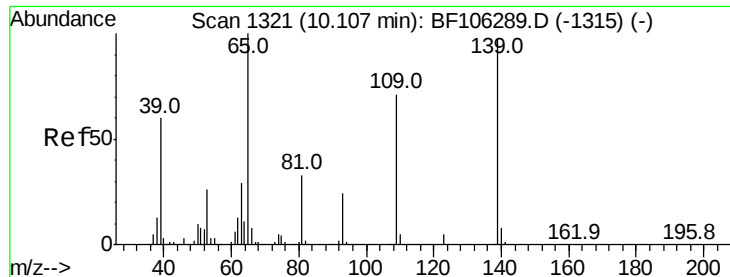
Tot Ion:184 Resp: 11980
 Ion Ratio Lower Upper
 184 100
 63 90.5 54.2 81.2#
 154 61.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.386 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:168 Resp: 513496
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 15.0 10.9 16.3

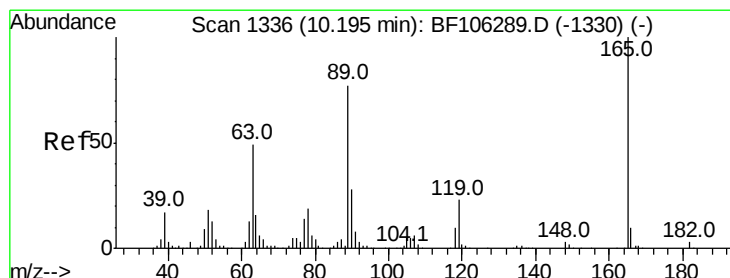
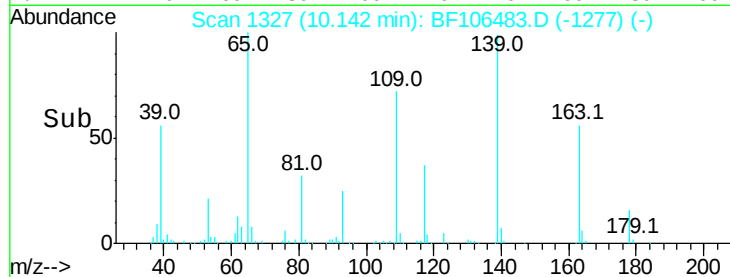
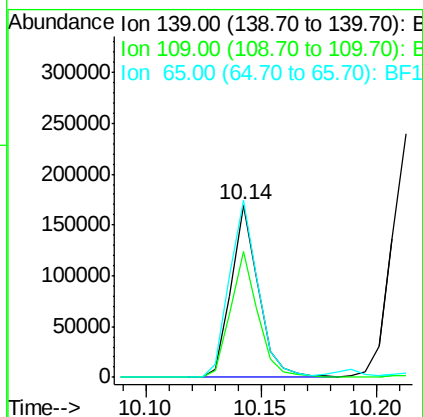
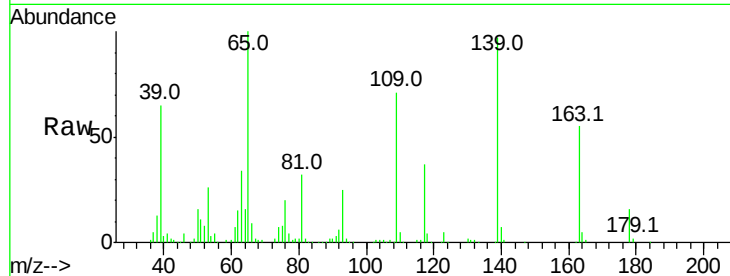




#55
4-Nitrophenol
Concen: 72.183 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

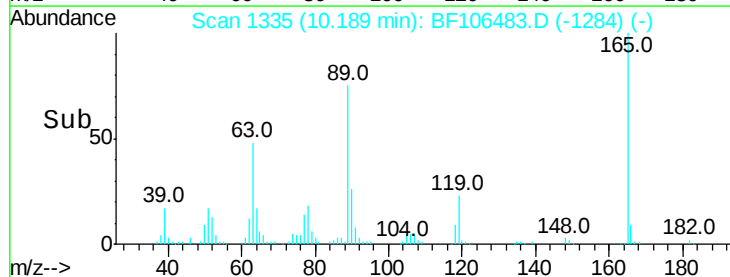
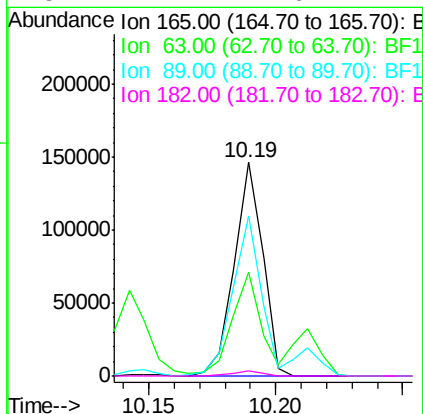
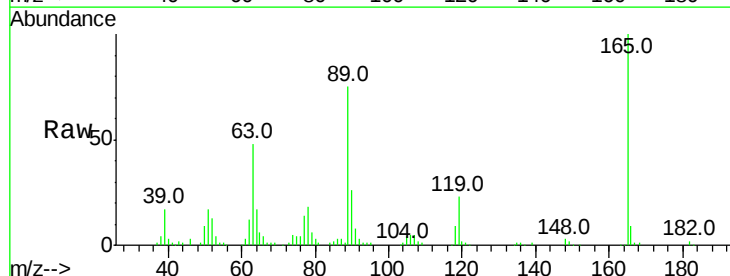
Instrument :
BNA_F
ClientSampleId :
PB110266BS

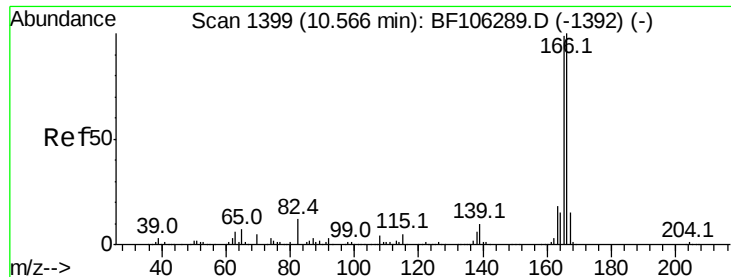
Tot Ion:139 Resp: 140717
Ion Ratio Lower Upper
139 100
109 72.7 48.4 88.4
65 102.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.337 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion:165 Resp: 113925
Ion Ratio Lower Upper
165 100
63 48.4 36.4 54.6
89 74.9 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 40.755 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

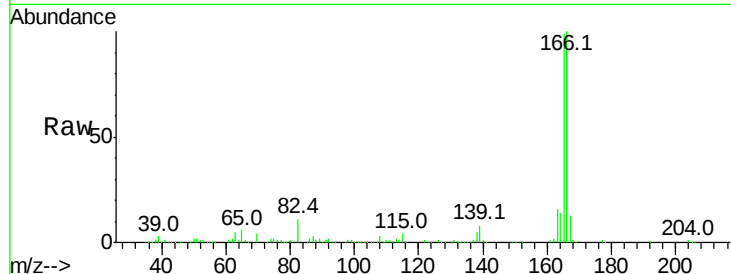
Tot Ion:166 Resp: 391186

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

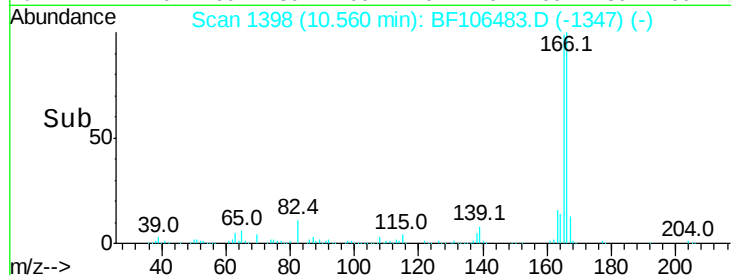
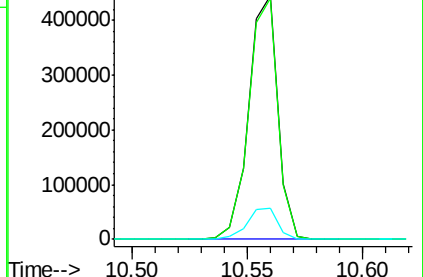
167 13.0 10.6 16.0



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: 42.398 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Tgt Ion:232 Resp: 110043

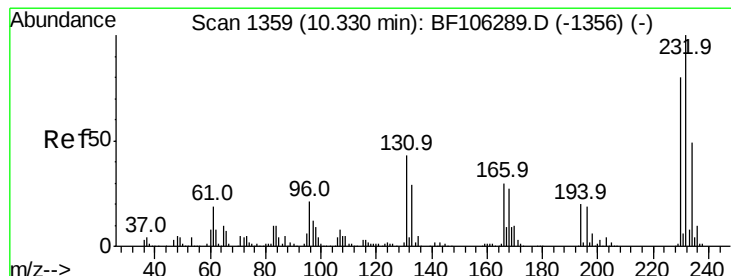
Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 1.7 2.1 3.1#

166 28.0 27.8 41.6

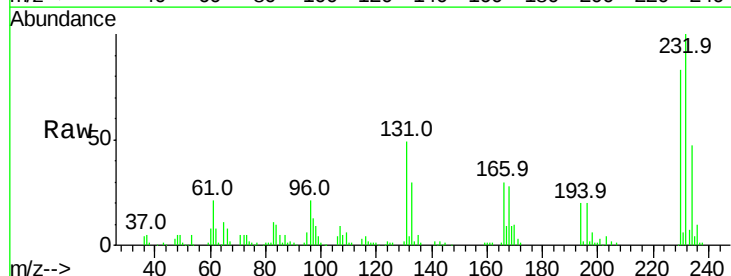
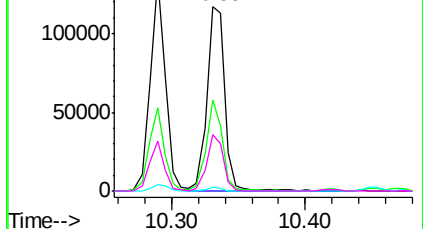


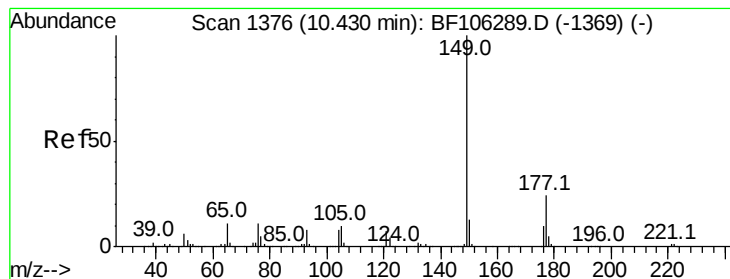
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.795 ng

RT: 10.42 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

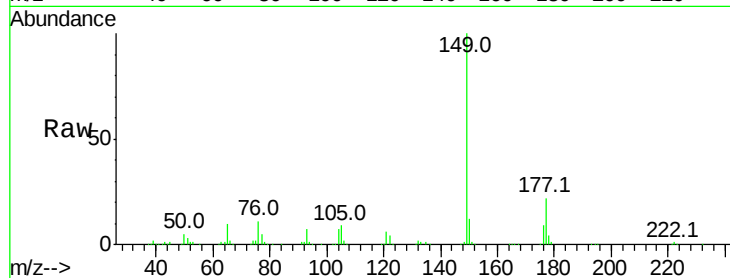
Tot Ion:149 Resp: 424772

Ion Ratio Lower Upper

149 100

177 22.4 16.1 24.1

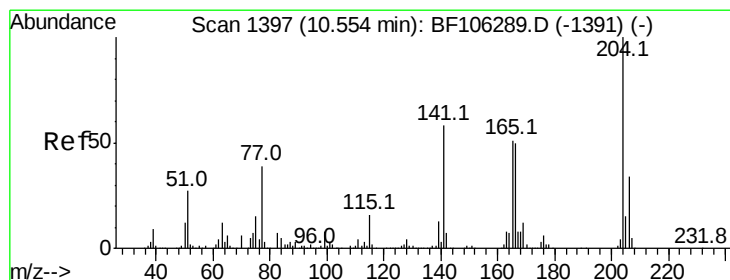
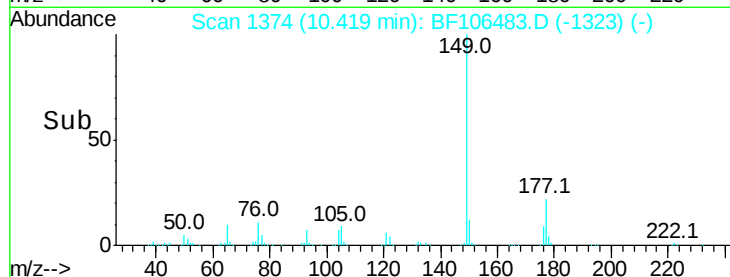
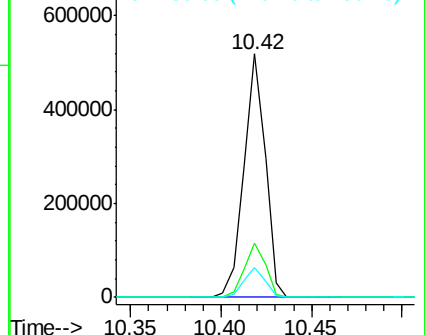
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.868 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

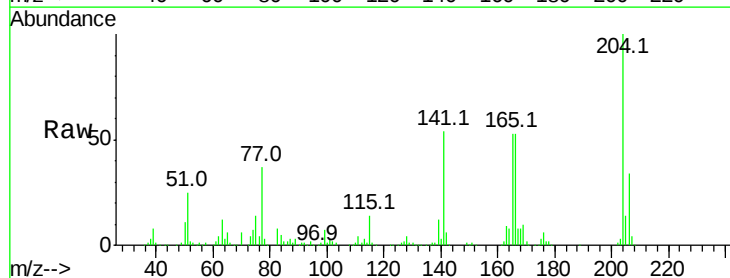
Tgt Ion:204 Resp: 201273

Ion Ratio Lower Upper

204 100

206 34.4 26.5 39.7

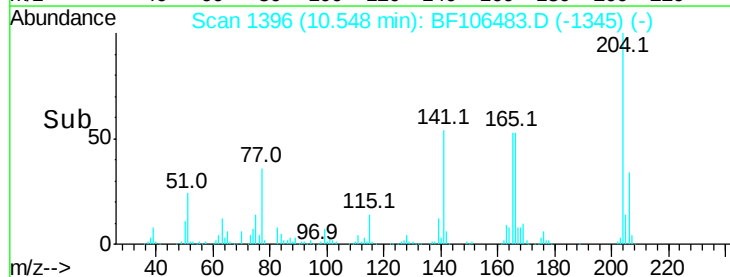
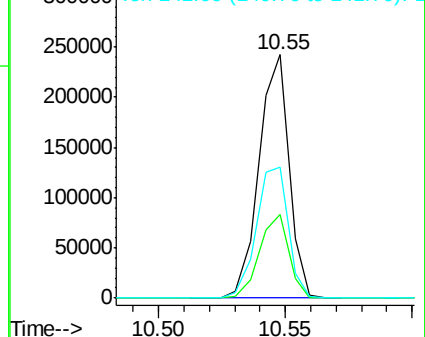
141 53.9 54.6 81.8#

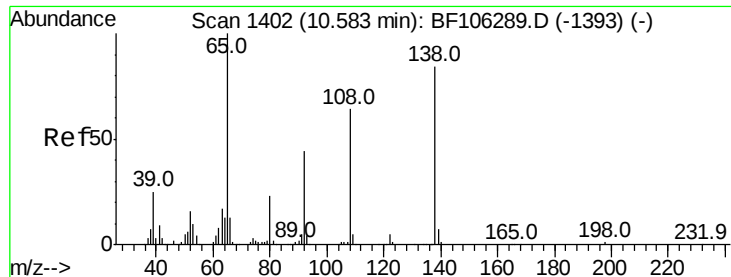


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

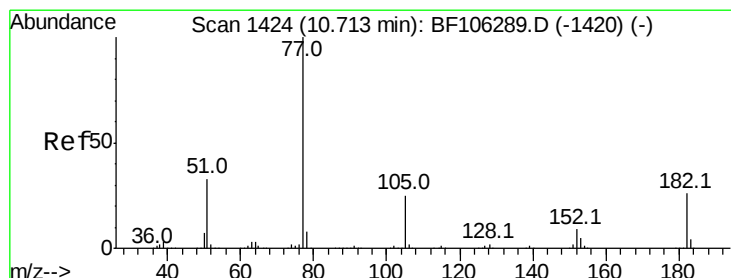
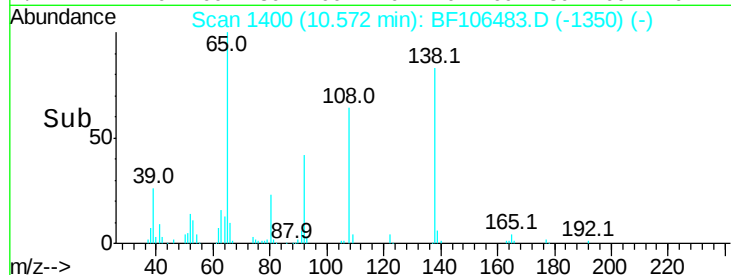
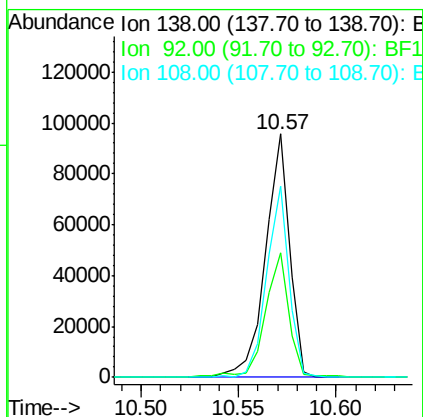
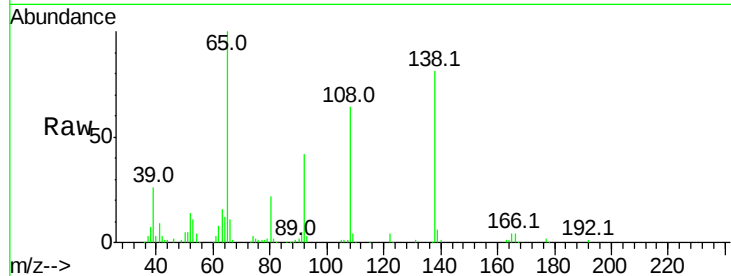




#61
4-Nitroaniline
Concen: 33.163 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

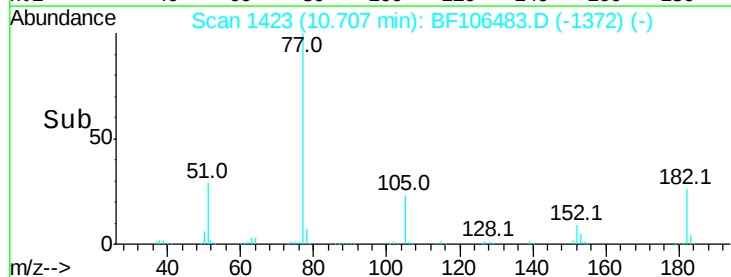
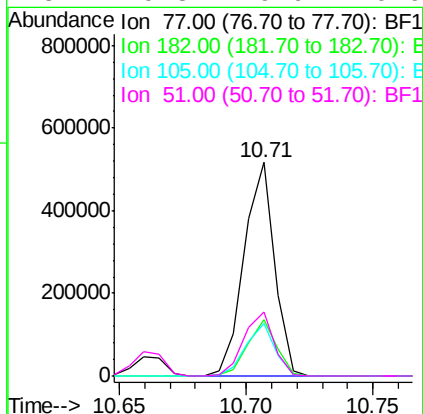
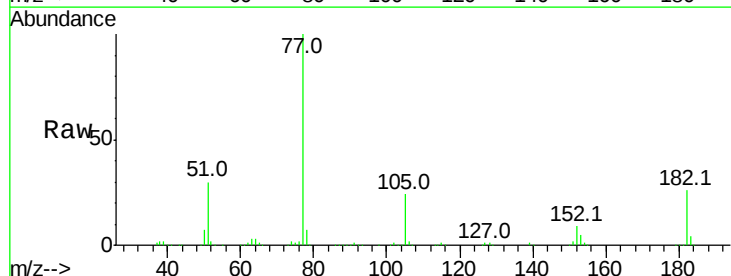
Instrument :
BNA_F
ClientSampleId :
PB110266BS

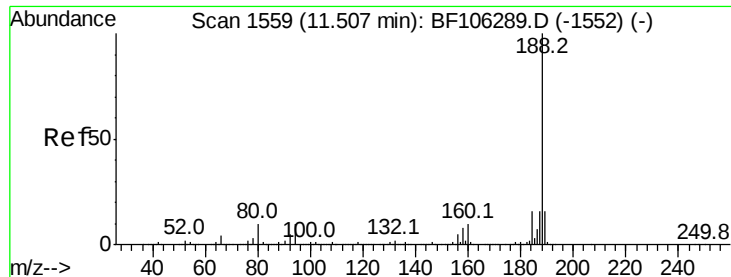
Tot Ion:138 Resp: 82062
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 78.5 52.5 92.5



#62
Azobenzene
Concen: 39.763 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion: 77 Resp: 431714
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 24.4 3.0 43.0
51 29.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

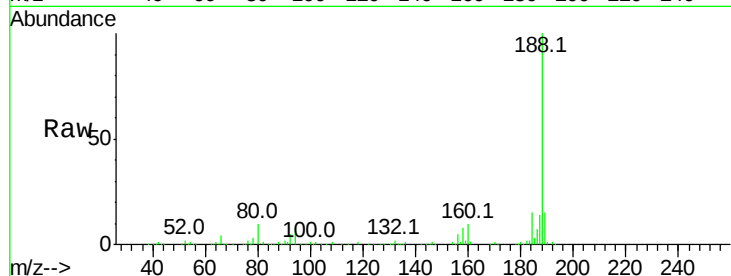
Tot Ion:188 Resp: 267553

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

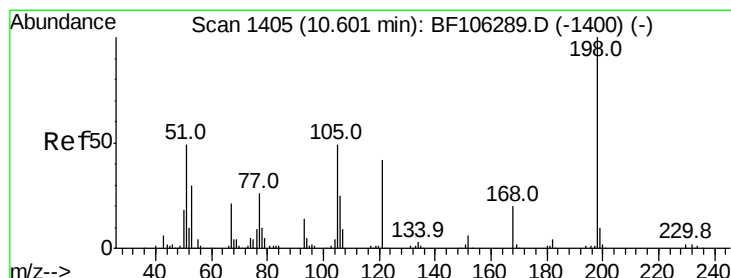
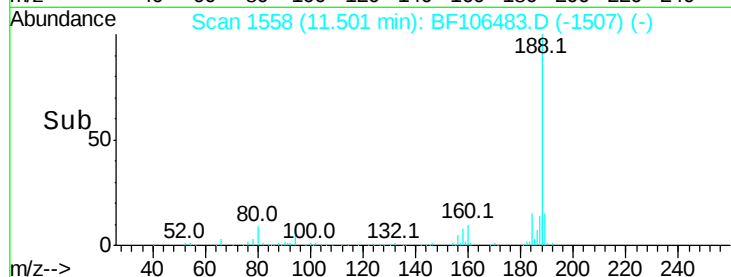
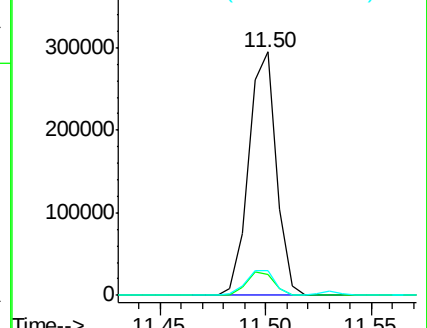
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 14.216 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

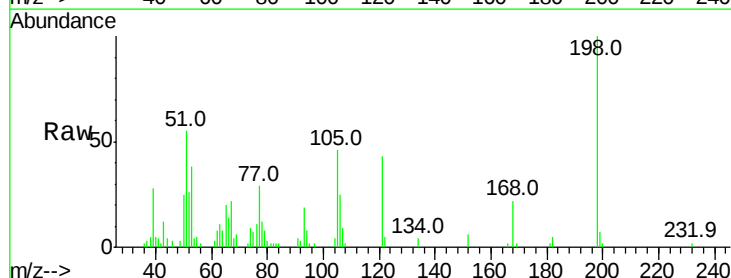
Tgt Ion:198 Resp: 13159

Ion Ratio Lower Upper

198 100

51 55.2 37.7 77.7

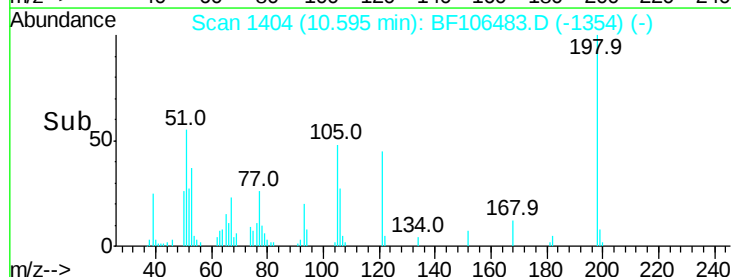
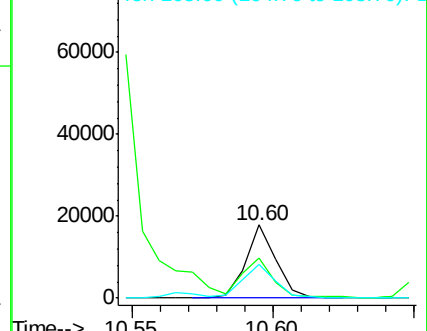
105 46.2 36.3 76.3

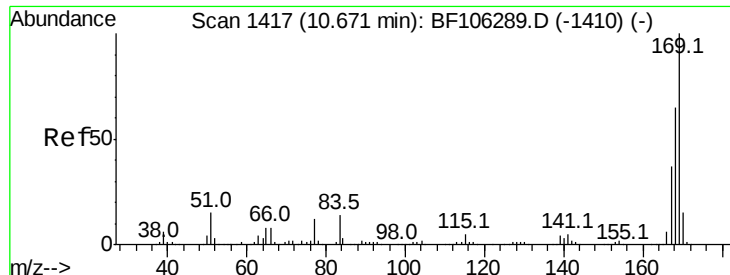


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

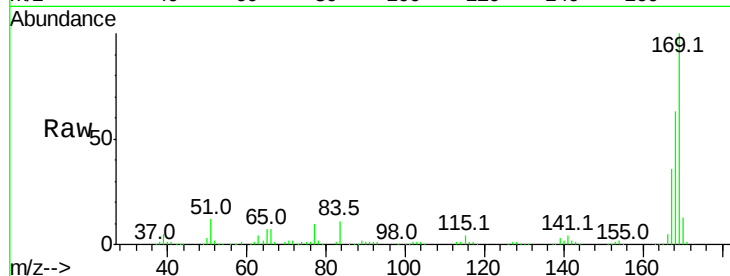




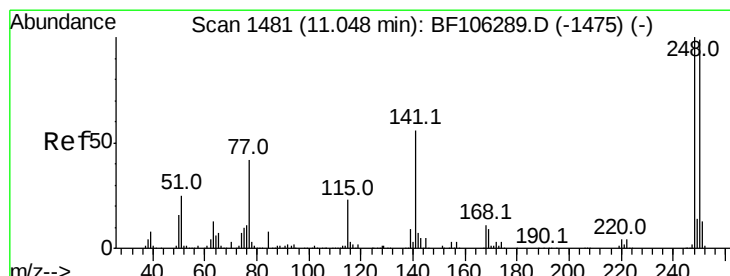
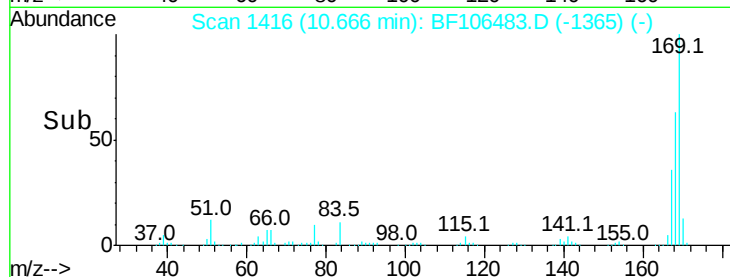
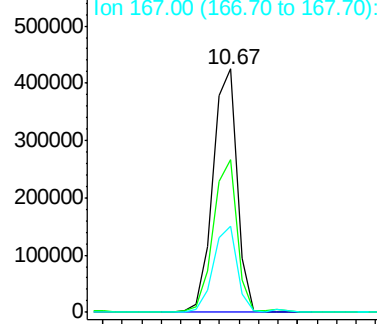
#65
 n-Nitrosodiphenylamine
 Concen: 40.545 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

Tot Ion:169 Resp: 364584
 Ion Ratio Lower Upper
 169 100
 168 62.7 54.4 81.6
 167 35.6 29.8 44.6

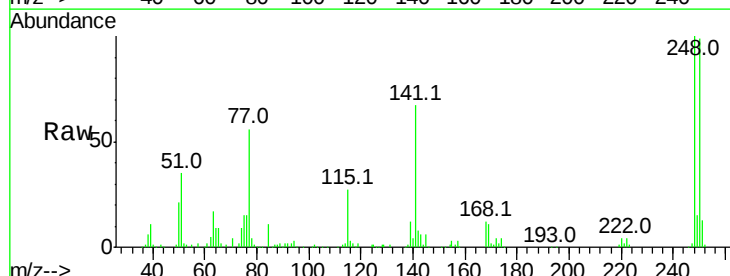


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

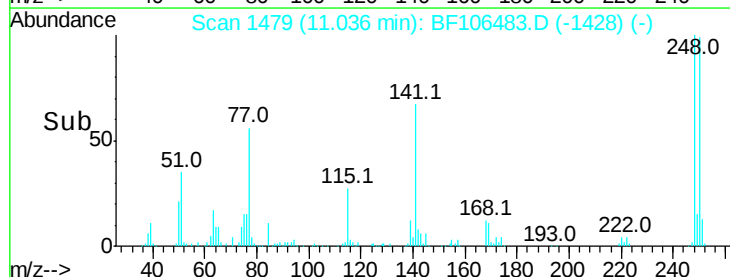
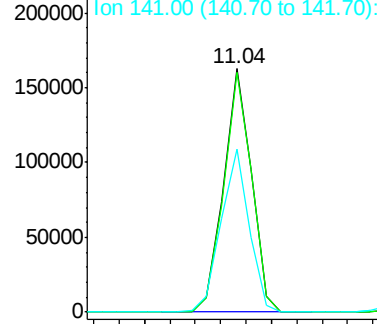


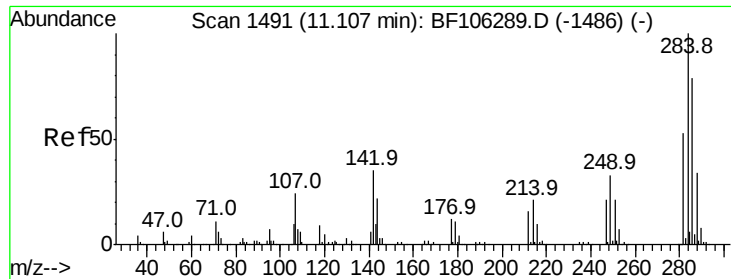
#66
 4-Bromophenyl-phenylether
 Concen: 40.942 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:248 Resp: 124591
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.9 115.3
 141 67.0 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

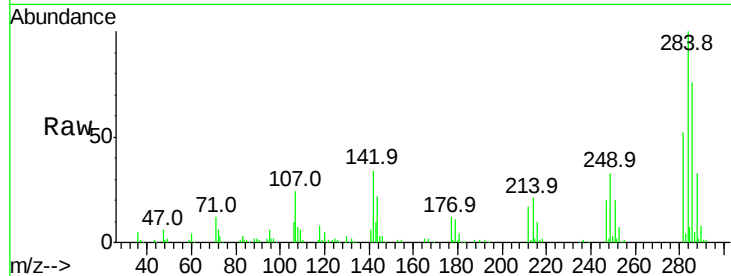




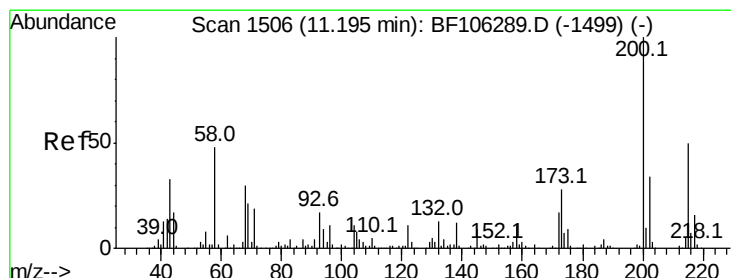
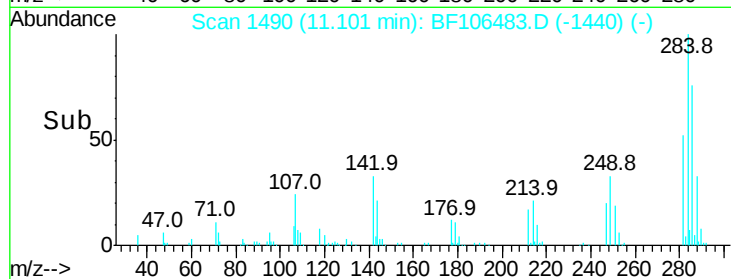
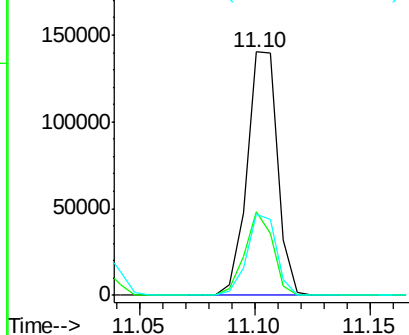
#67
Hexachlorobenzene
Concen: 41.455 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Tot Ion:284 Resp: 130057
Ion Ratio Lower Upper
284 100
142 34.5 34.6 52.0#
249 33.4 24.8 37.2

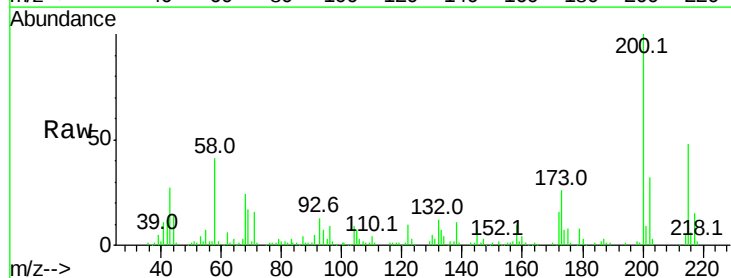


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

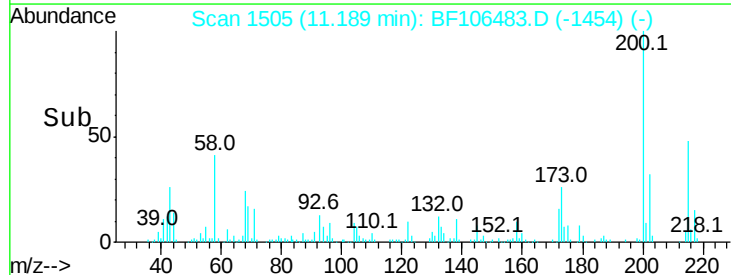
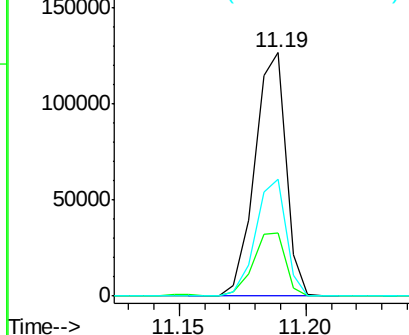


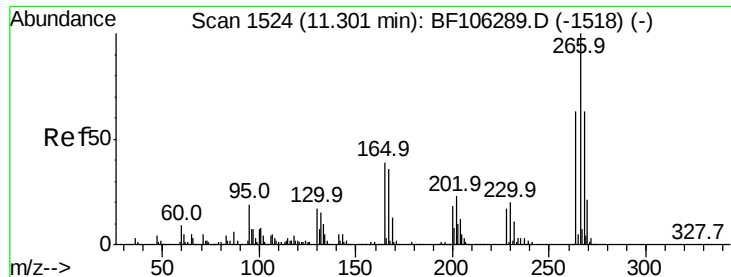
#68
Atrazine
Concen: 39.433 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion:200 Resp: 109272
Ion Ratio Lower Upper
200 100
173 26.0 8.6 48.6
215 48.2 25.1 65.1



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

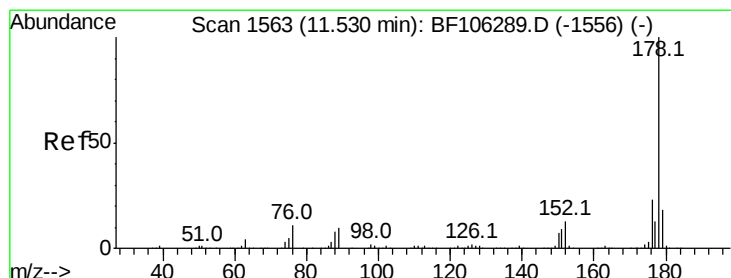
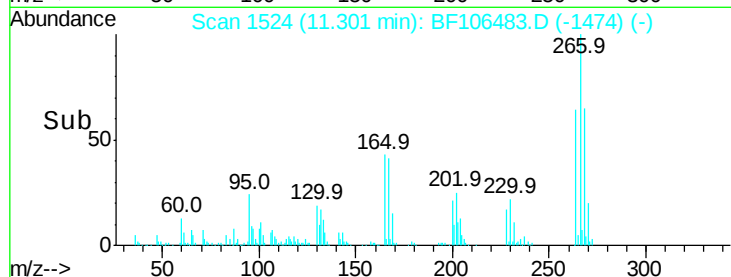
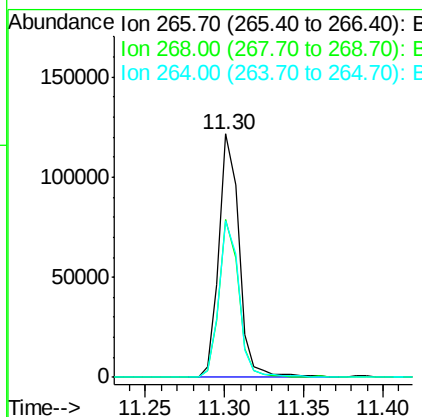
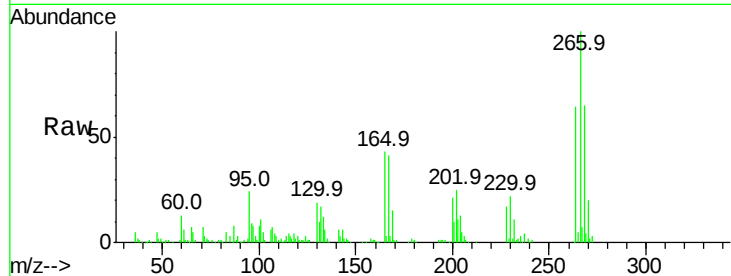




#69
 Pentachlorophenol
 Concen: 55.978 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

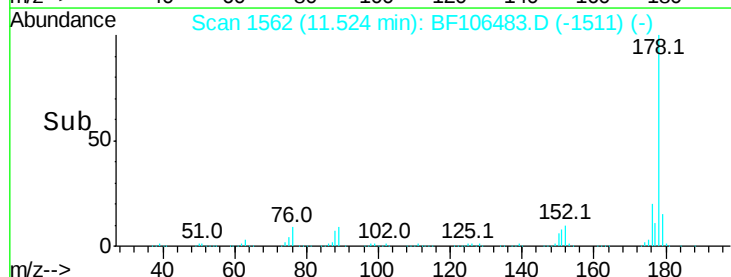
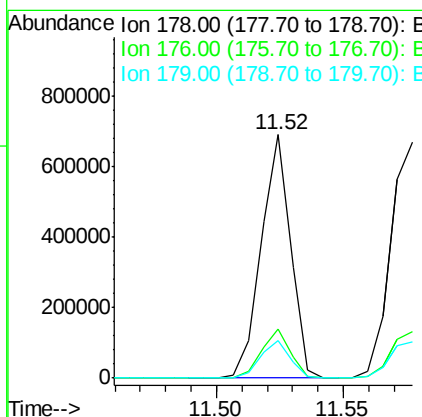
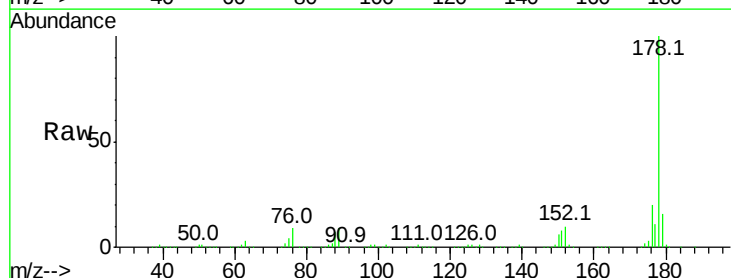
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

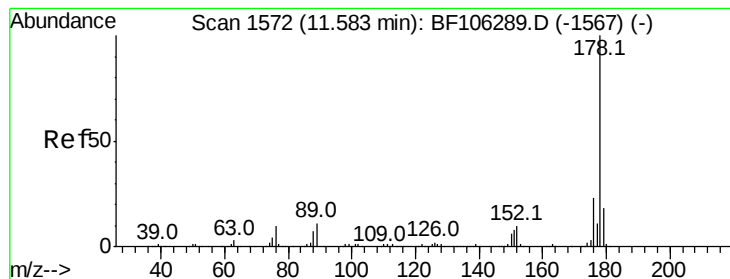
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	64.5	49.5	74.3



#70
 Phenanthrene
 Concen: 42.760 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.5	13.0	19.6





#71

Anthracene

Concen: 44.241 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

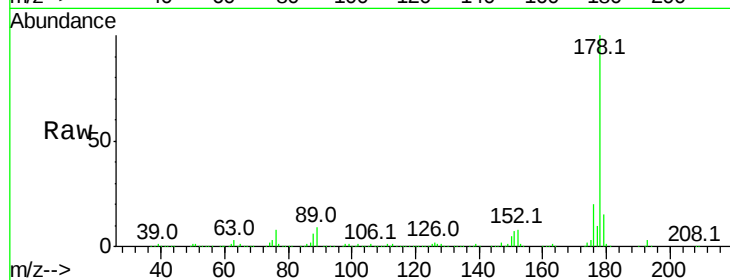
Tot Ion:178 Resp: 580752

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

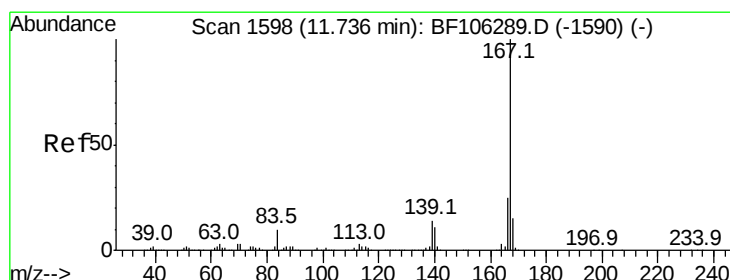
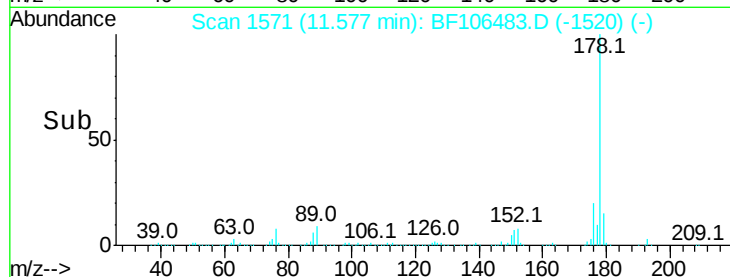
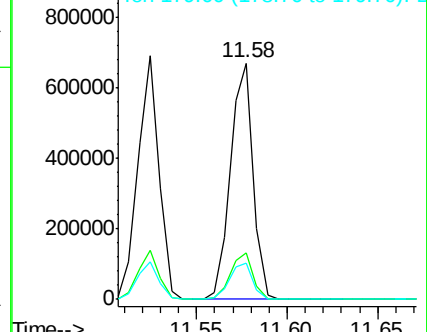
179 15.4 12.6 19.0



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: 43.259 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

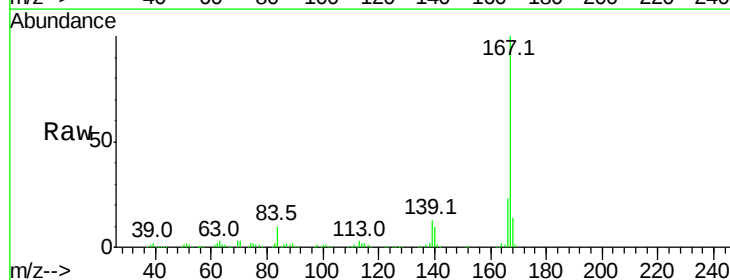
Tgt Ion:167 Resp: 524256

Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

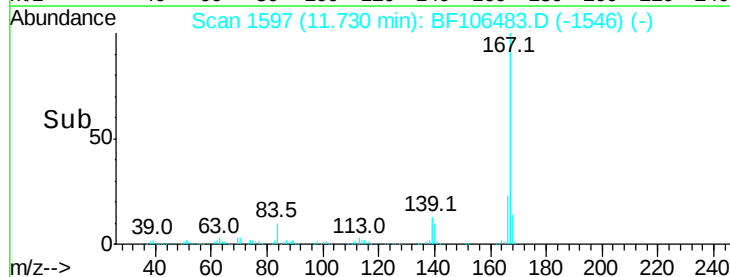
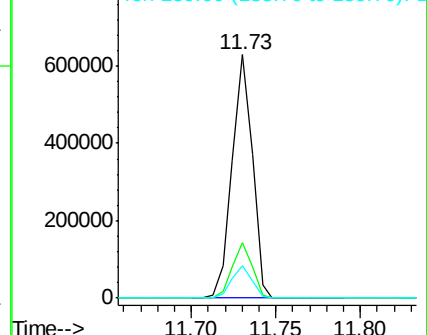
139 13.3 10.9 16.3

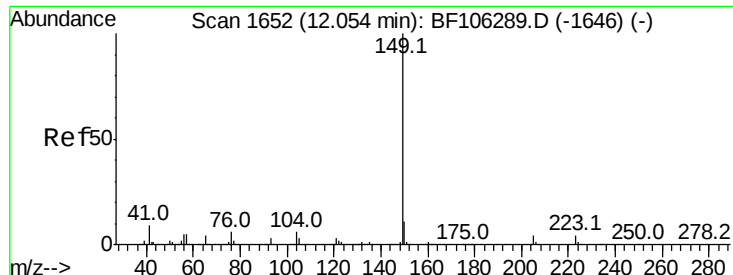


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.080 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

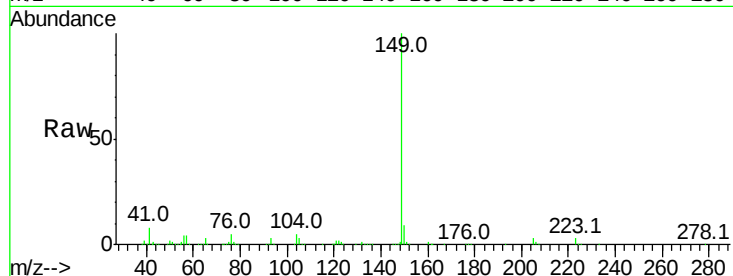
Tot Ion:149 Resp: 581059

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

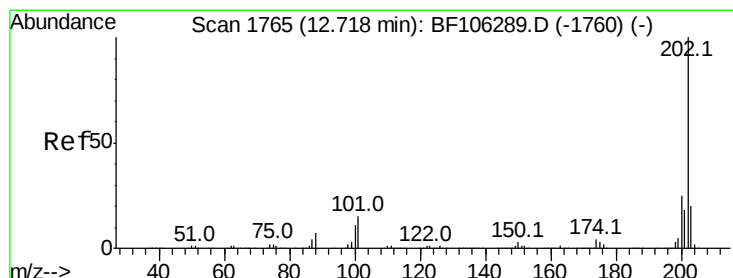
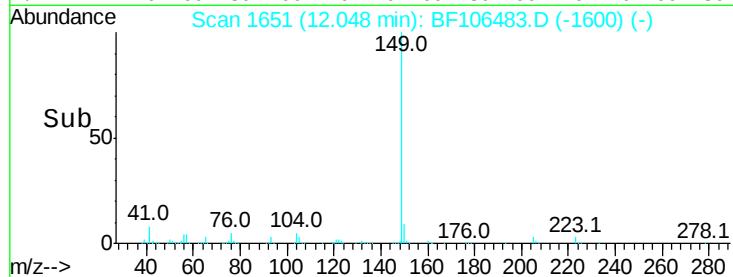
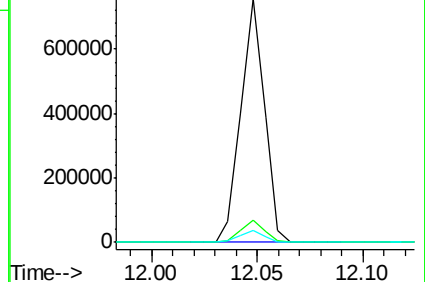
104 4.9 3.8 5.8



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: 48.358 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

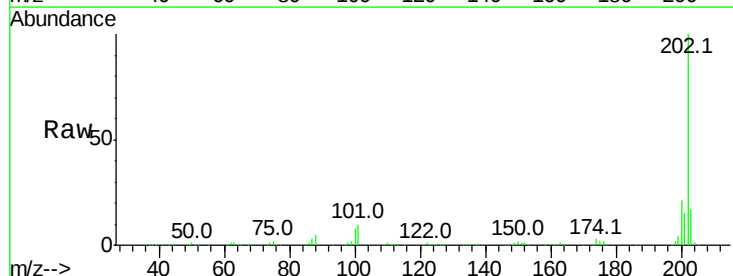
Tgt Ion:202 Resp: 675740

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

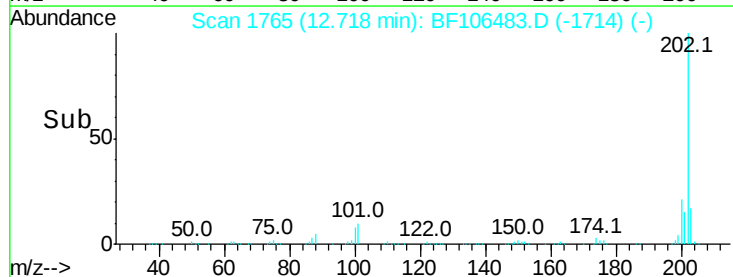
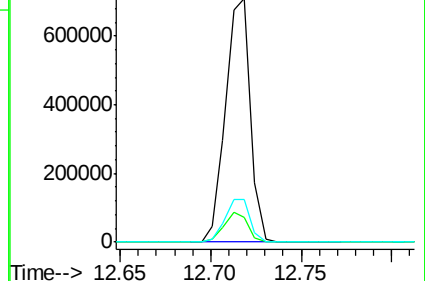
203 17.5 0.0 38.1

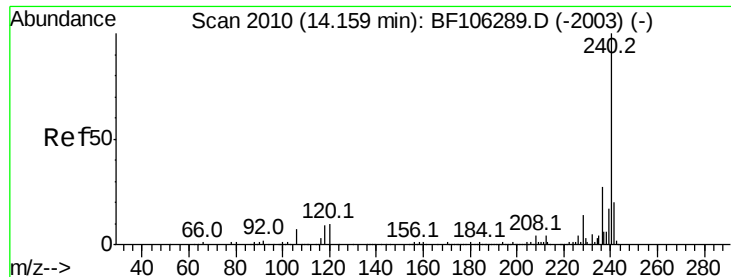


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

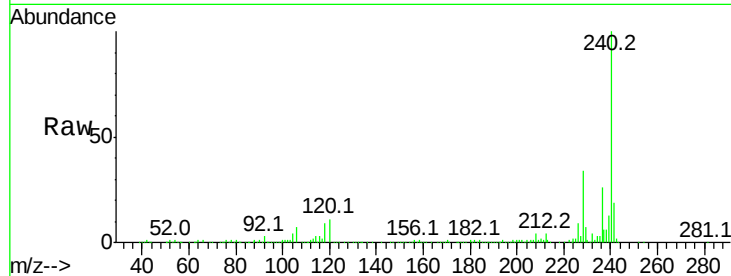
Tot Ion:240 Resp: 265661

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

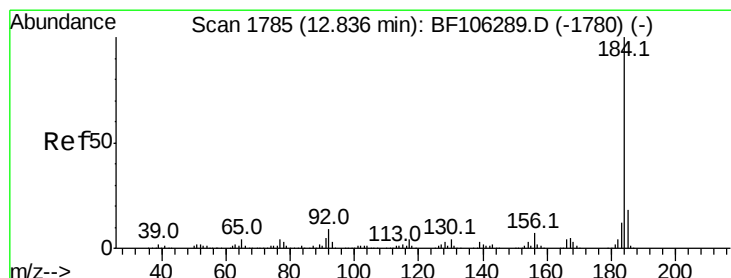
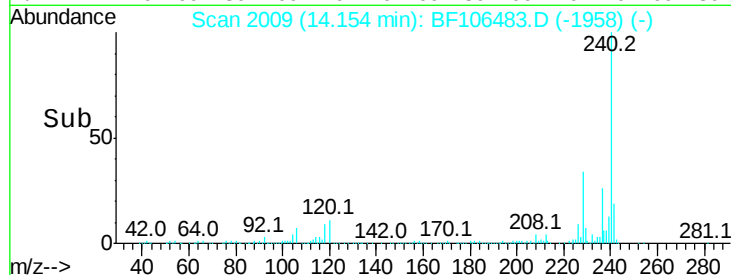
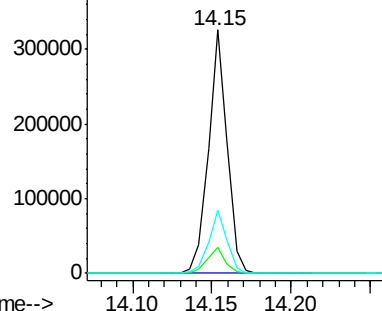
236 25.9 20.7 31.1



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: 56.605 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

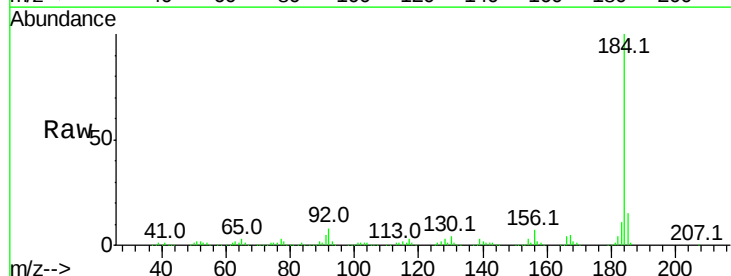
Tgt Ion:184 Resp: 500479

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

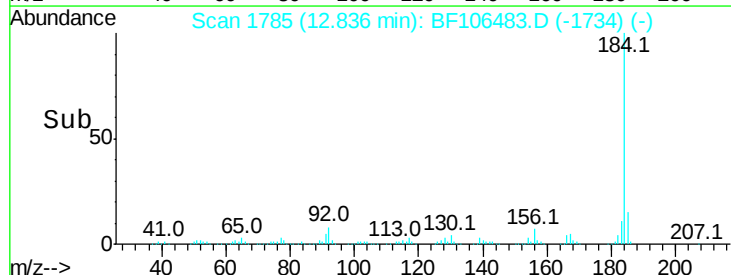
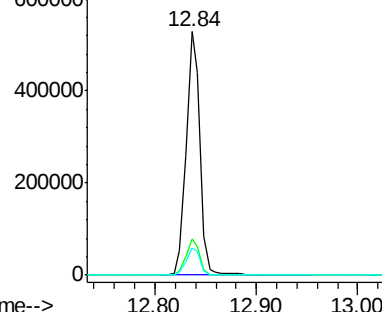
183 11.2 9.3 13.9

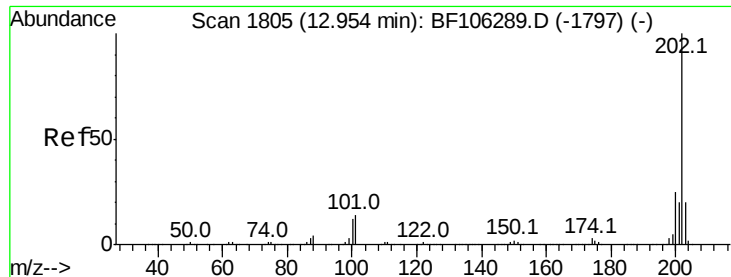


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

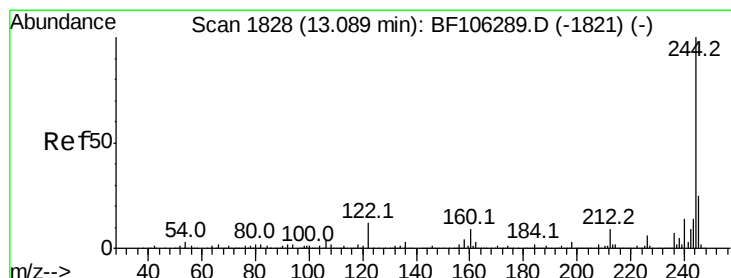
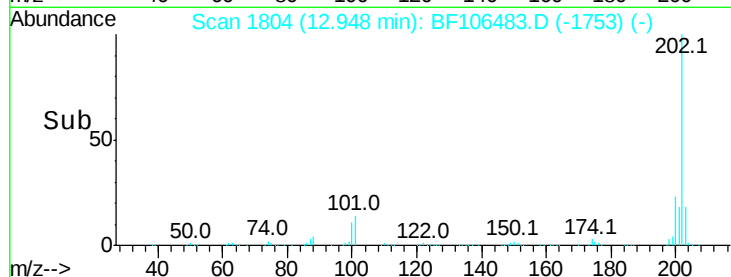
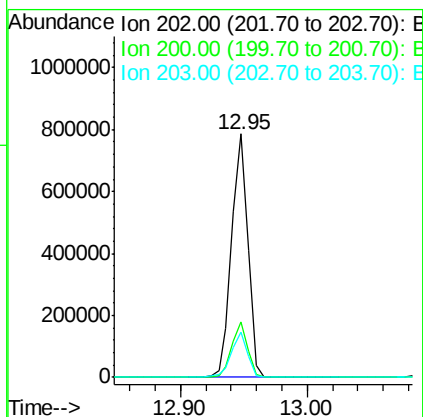
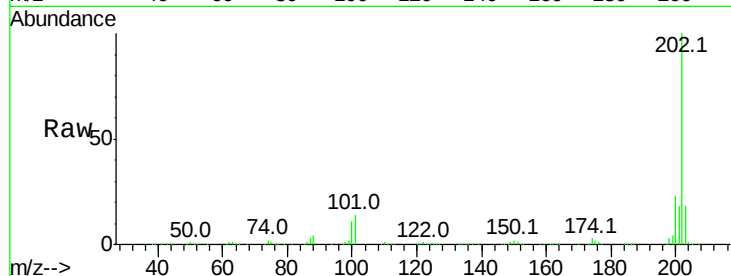




#77
Pvrene
Concen: 41.683 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

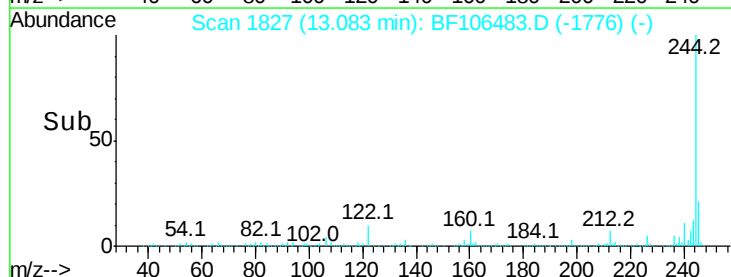
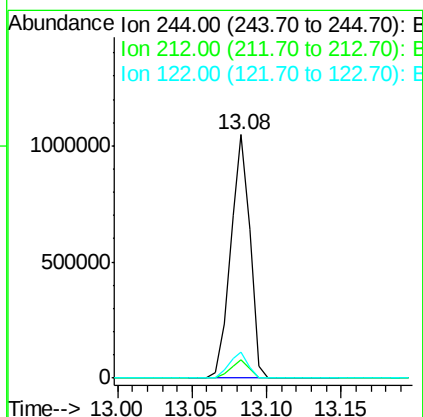
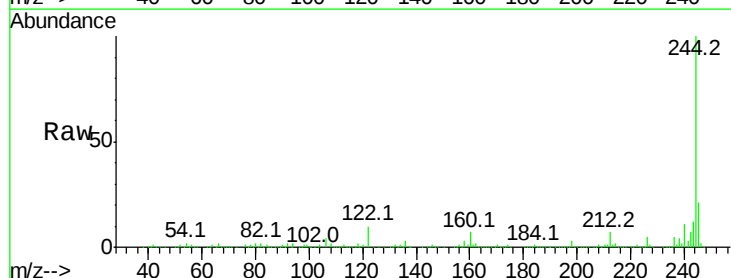
Instrument :
BNA_F
ClientSampleId :
PB110266BS

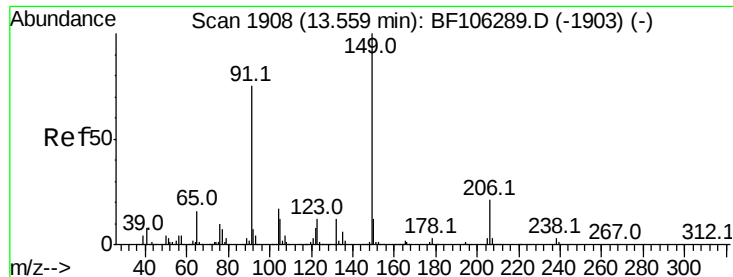
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.3	14.3	21.5



#78
Terphenyl-d14
Concen: 89.412 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.5	11.0	16.4

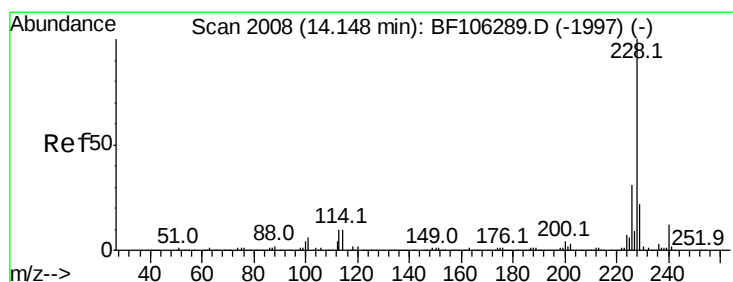
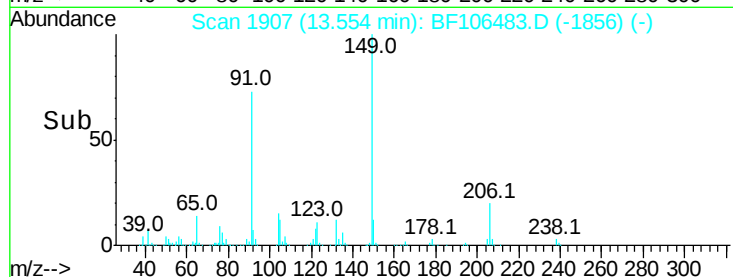
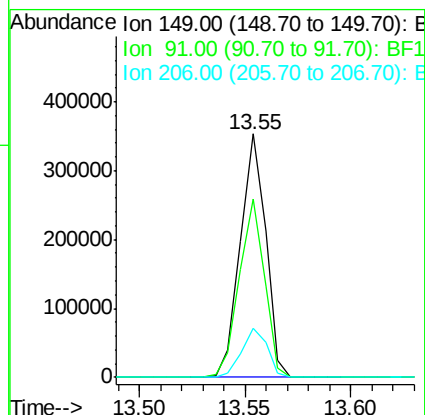
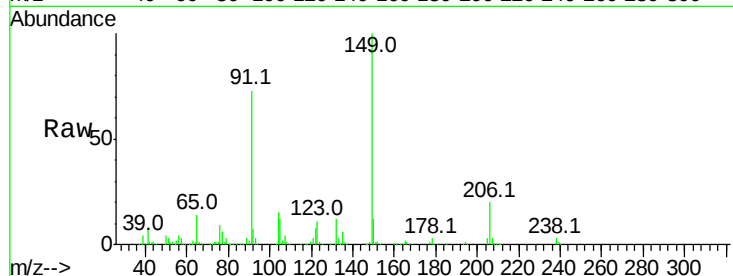




#79
Butylbenzylphthalate
Concen: 47.262 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

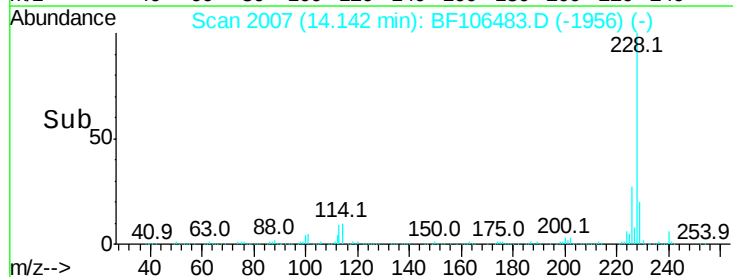
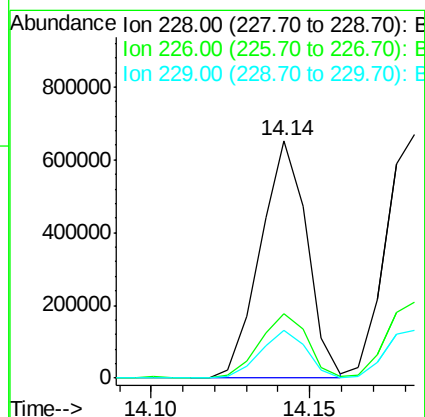
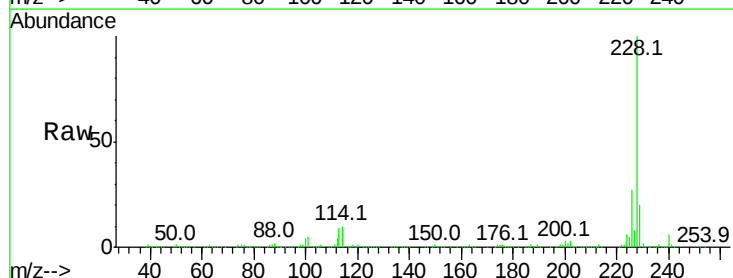
Instrument :
BNA_F
ClientSampleId :
PB110266BS

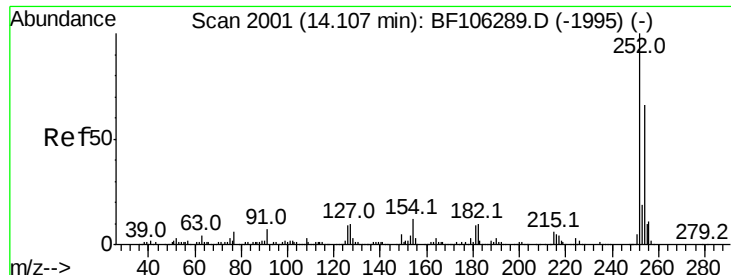
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.0	56.8	85.2
206	20.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.072 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 42.510 ng

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

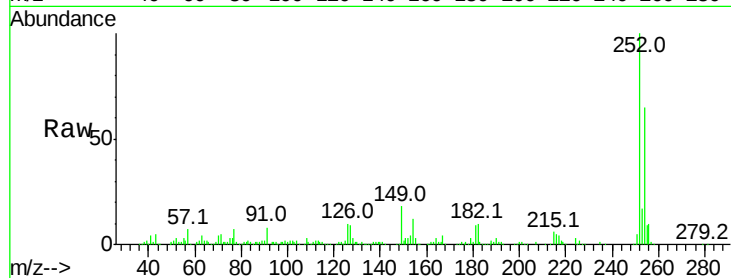
Tot Ion:252 Resp: 226751

Ion Ratio Lower Upper

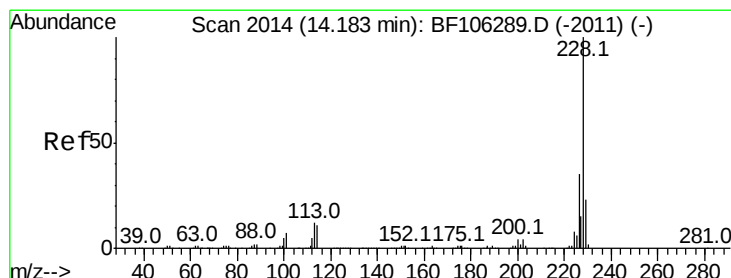
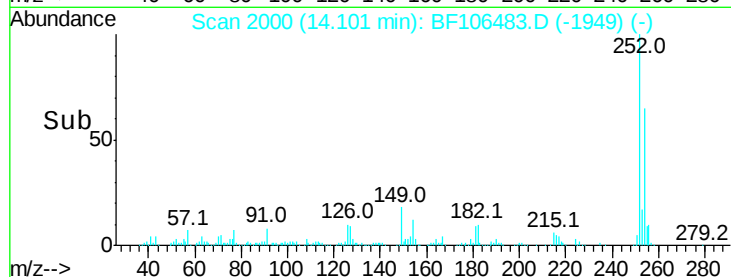
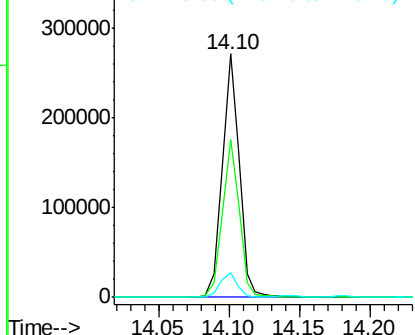
252 100

254 64.8 50.4 75.6

126 10.3 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.158 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

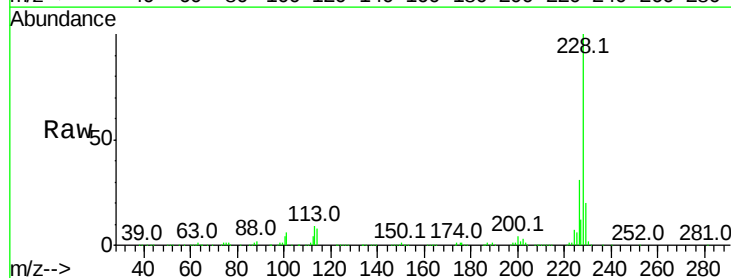
Tgt Ion:228 Resp: 622943

Ion Ratio Lower Upper

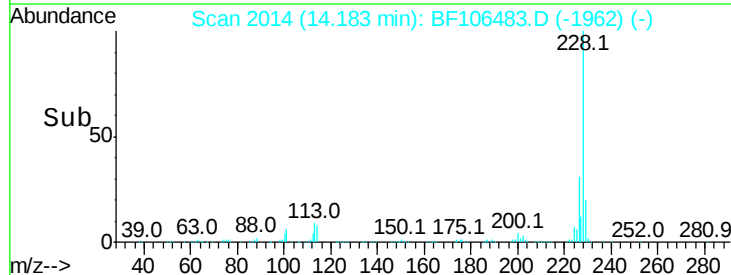
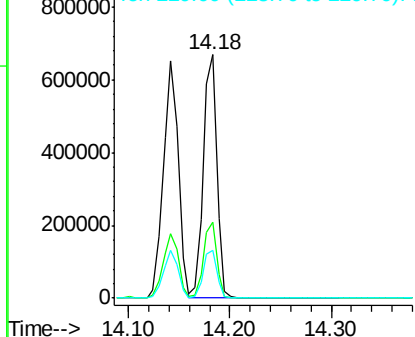
228 100

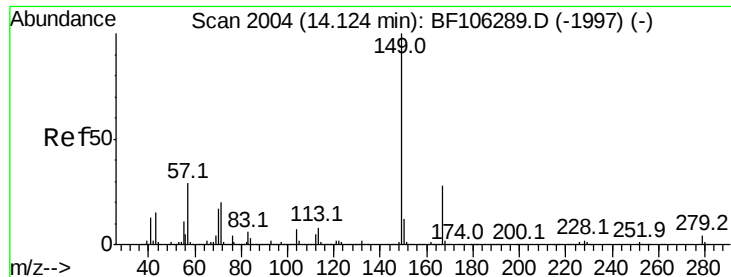
226 31.2 25.0 37.6

229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

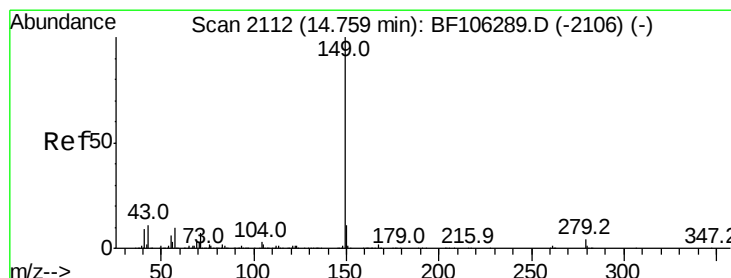
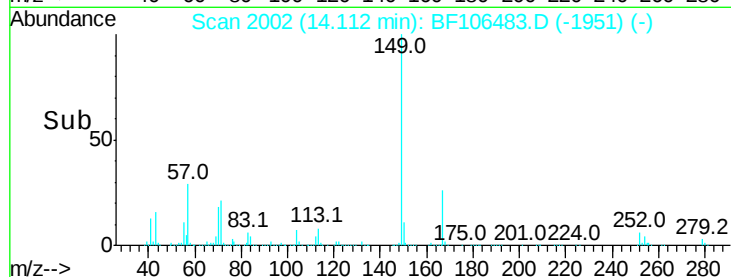
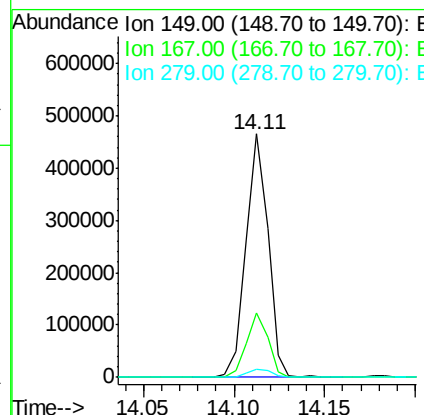
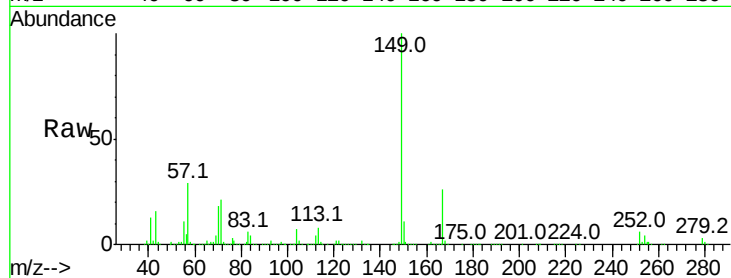




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.166 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

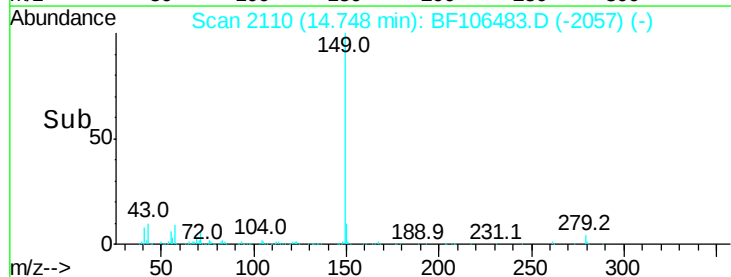
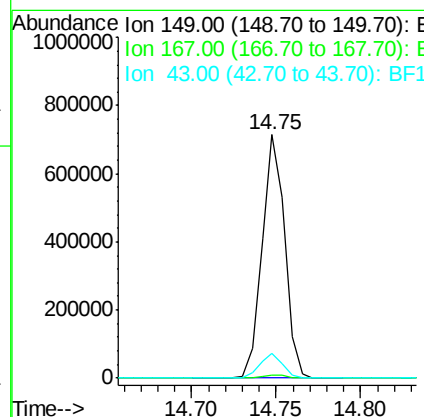
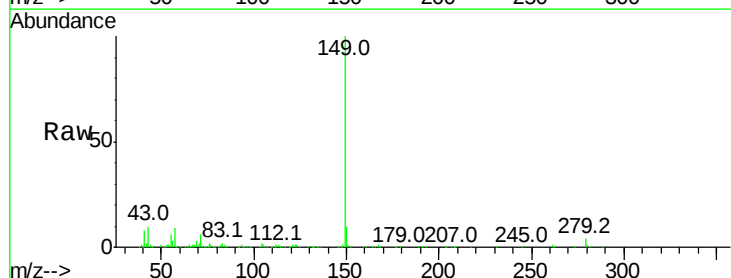
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BS

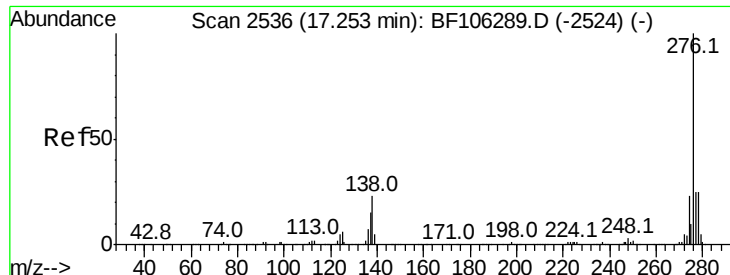
Tot Ion:149 Resp: 394251
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 51.960 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BF106483.D
 Acq: 15 Jun 2018 9:54

Tgt Ion:149 Resp: 668674
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.252 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

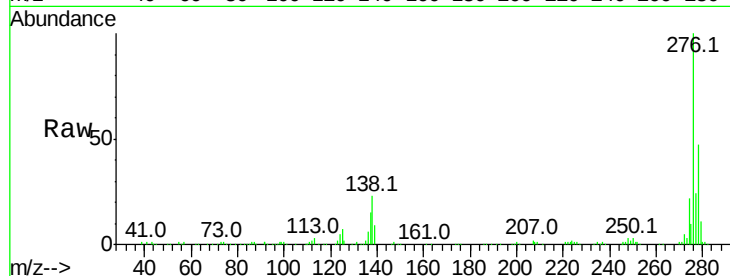
Tot Ion:276 Resp: 406088

Ion Ratio Lower Upper

276 100

138 24.6 25.0 37.6#

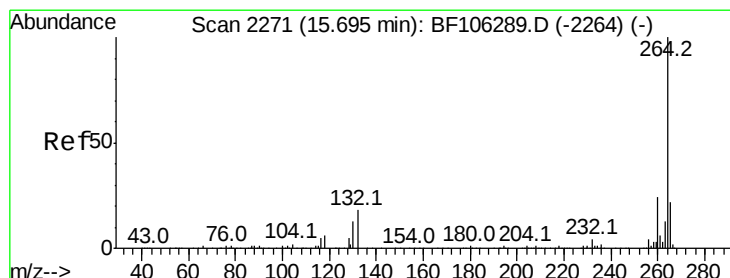
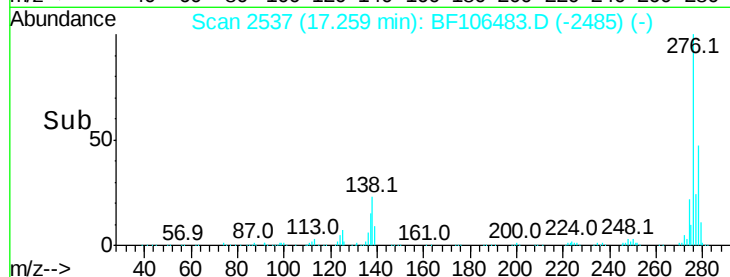
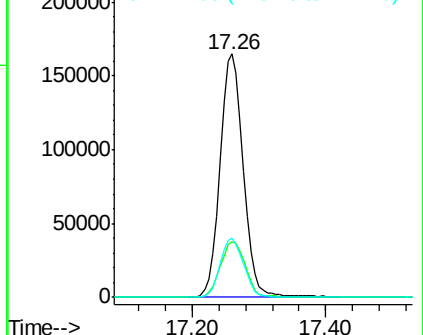
277 24.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

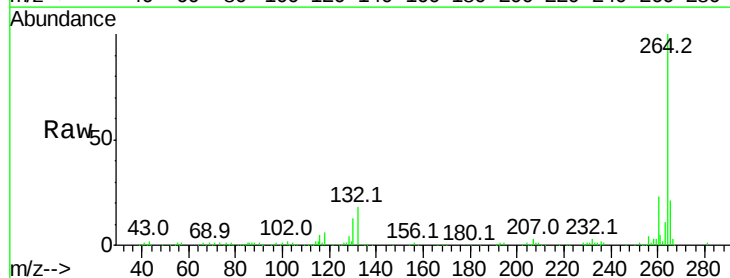
Tgt Ion:264 Resp: 180478

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

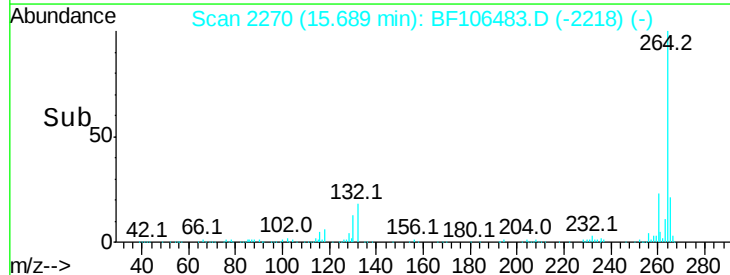
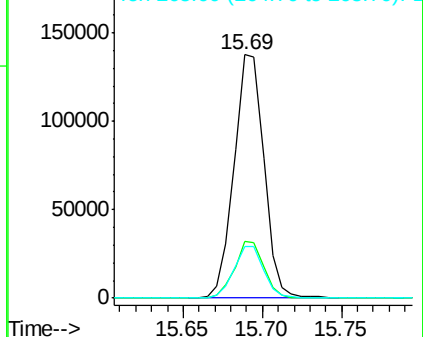
265 21.0 17.5 26.3

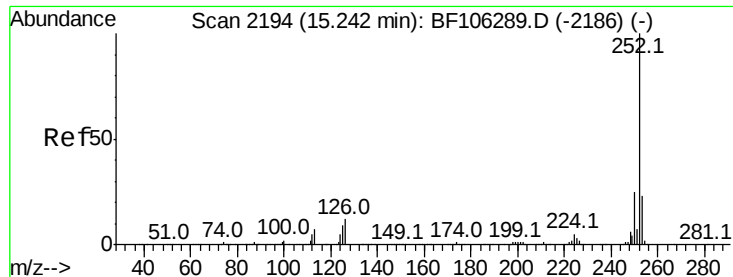


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

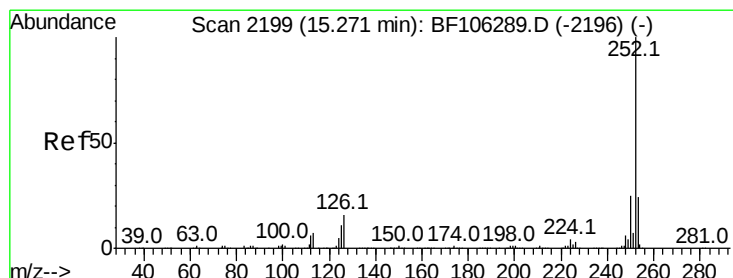
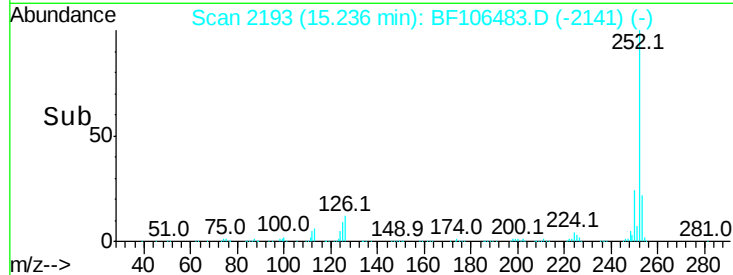
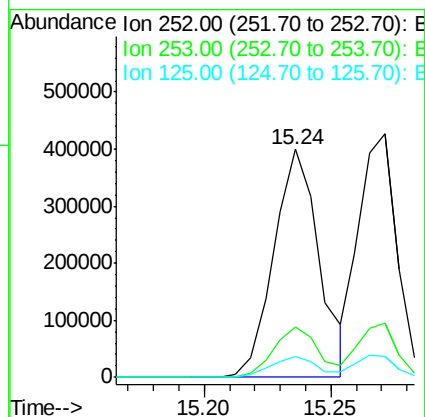
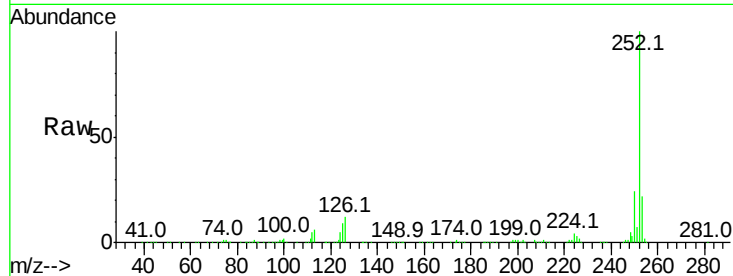




#87
Benzo(b)fluoranthene
Concen: 45.567 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

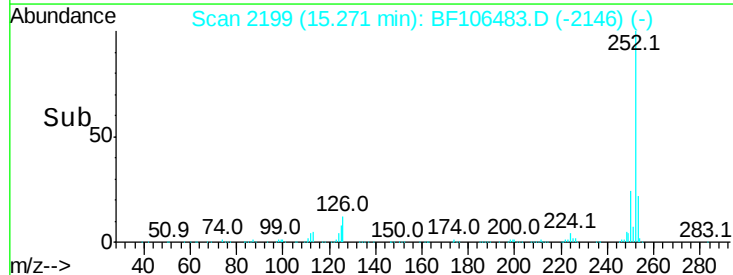
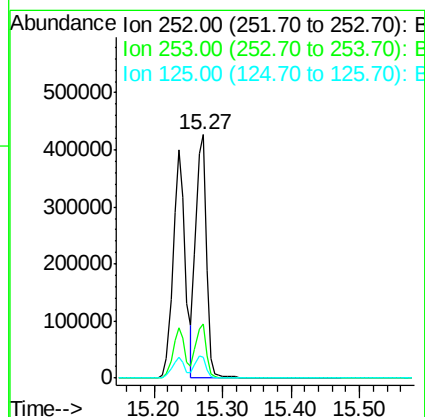
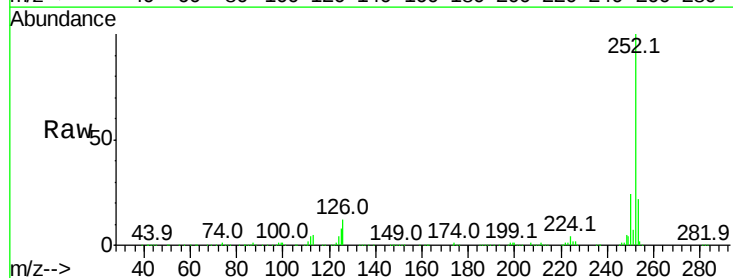
Instrument :
BNA_F
ClientSampleId :
PB110266BS

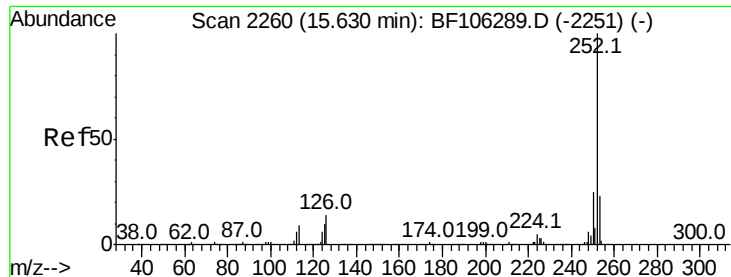
Tot Ion:252 Resp: 497119
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.420 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion:252 Resp: 458328
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.5 10.2 15.2#

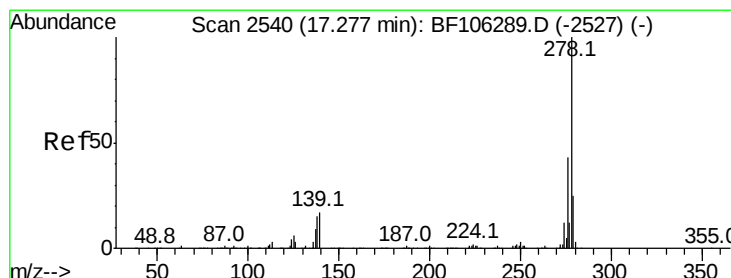
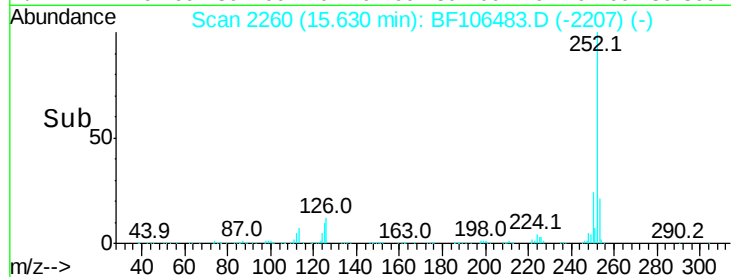
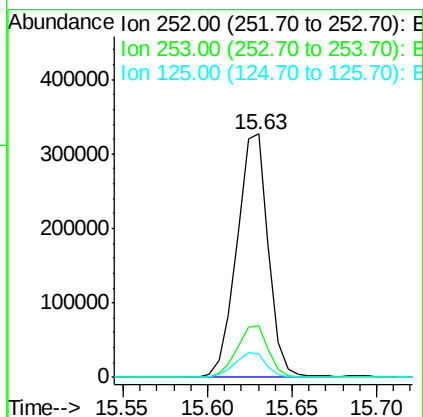
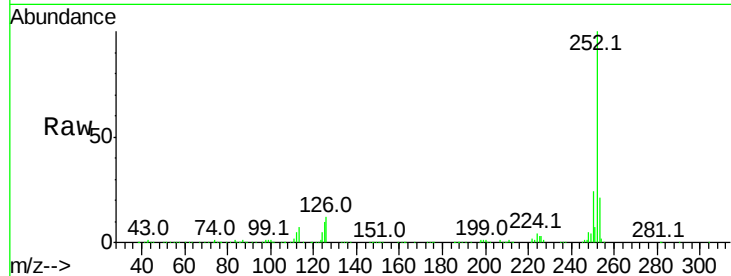




#89
Benzo(a)pyrene
Concen: 43.304 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

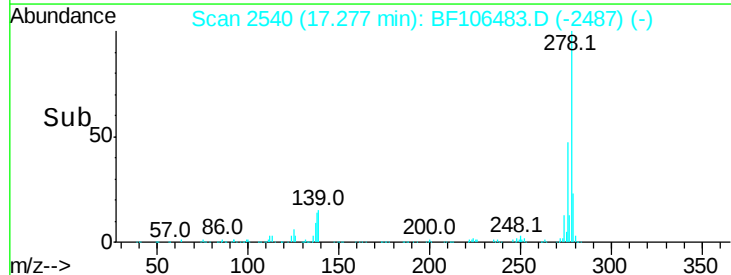
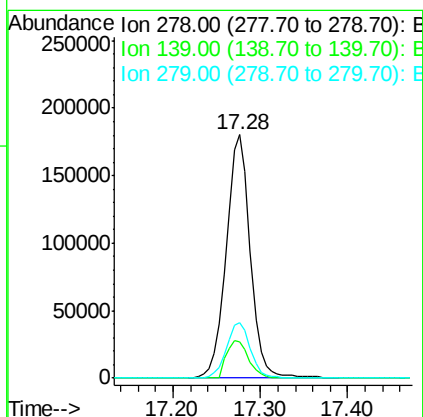
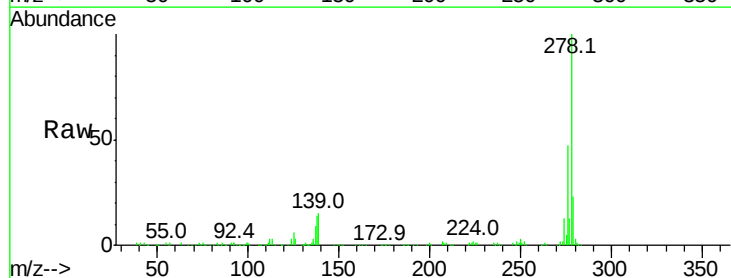
Instrument :
BNA_F
ClientSampleId :
PB110266BS

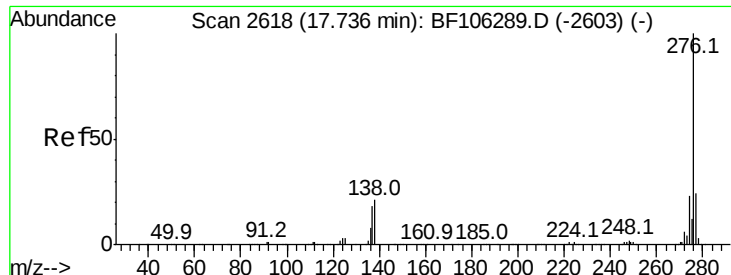
Tot Ion:252 Resp: 424938
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 9.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 41.493 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF106483.D
Acq: 15 Jun 2018 9:54

Tgt Ion:278 Resp: 339455
Ion Ratio Lower Upper
278 100
139 14.8 15.9 23.9#
279 22.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.173 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF106483.D

Acq: 15 Jun 2018 9:54

Instrument :

BNA_F

ClientSampleId :

PB110266BS

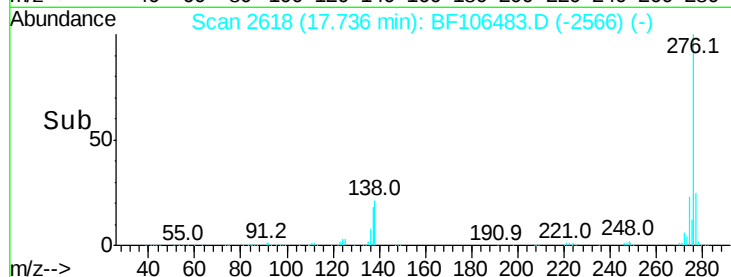
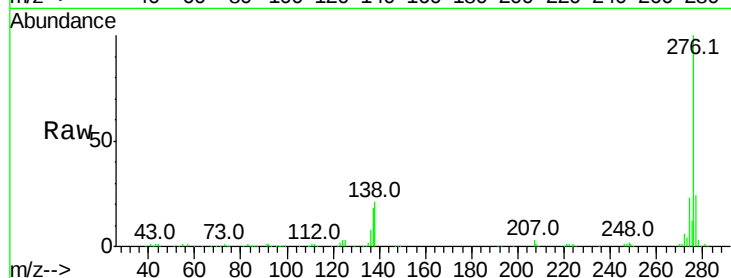
Tot Ion: 276 Resp: 335295

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 20.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

