

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106531.D
 Acq On : 18 Jun 2018 11:58
 Operator : JU/SJ
 Sample : PB110266BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Quant Time: Jun 19 01:04:48 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	106654	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	441753	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	218556	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444395	20.00	ng	0.00
75) Chrysene-d12	14.17	240	357782	20.00	ng	0.02
86) Perylene-d12	15.72	264	279636	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	560483	88.94	ng	0.00
7) Phenol-d6	6.61	99	687164	86.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	559679	74.53	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	218380	103.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1024959	82.51	ng	0.00
78) Terphenyl-d14	13.09	244	1179929	81.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	133262	40.862	ng	95
3) Pyridine	3.67	79	371923	40.923	ng	98
4) n-Nitrosodimethylamine	3.63	42	163271	39.215	ng	95
6) Aniline	6.63	93	346302	29.788	ng	# 71
8) 2-Chlorophenol	6.76	128	304004	44.861	ng	97
9) Benzaldehyde	6.52	77	172032	28.488	ng	98
10) Phenol	6.62	94	389793	44.848	ng	75
11) bis(2-Chloroethyl)ether	6.70	93	313324	42.111	ng	97
12) 1,3-Dichlorobenzene	6.91	146	348313	43.672	ng	98
13) 1,4-Dichlorobenzene	6.98	146	352598	43.565	ng	99
14) 1,2-Dichlorobenzene	7.14	146	327645	43.003	ng	99
15) Benzyl Alcohol	7.11	79	286593	42.034	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	475162	44.551	ng	83
17) 2-Methylphenol	7.22	107	259873	42.982	ng	# 93
18) Hexachloroethane	7.48	117	126715	43.939	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	214679	35.942	ng	96
20) 3+4-Methylphenols	7.38	107	314436	40.667	ng	# 75
22) Acetophenone	7.37	105	416428	37.406	ng	# 93
24) Nitrobenzene	7.55	77	352258	43.160	ng	95
25) Isophorone	7.78	82	643032	43.842	ng	97
26) 2-Nitrophenol	7.87	139	168549	53.204	ng	97
27) 2,4-Dimethylphenol	7.90	122	285016	45.902	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	402160	42.286	ng	98
29) 2,4-Dichlorophenol	8.11	162	273446	45.648	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	283821	42.256	ng	96
31) Naphthalene	8.27	128	863135	43.222	ng	99
32) Benzoic acid	8.02	122	141426	33.480	ng	92
33) 4-Chloroaniline	8.32	127	219035	24.751	ng	99
34) Hexachlorobutadiene	8.38	225	184004	42.642	ng	100
35) Caprolactam	8.69	113	55255	27.270	ng	# 86
36) 4-Chloro-3-methylphenol	8.81	107	289634	43.710	ng	98
37) 2-Methylnaphthalene	8.97	142	606978	44.626	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	301796	42.537	ng	98
40) Hexachlorocyclopentadiene	9.11	237	353600	90.331	ng	99

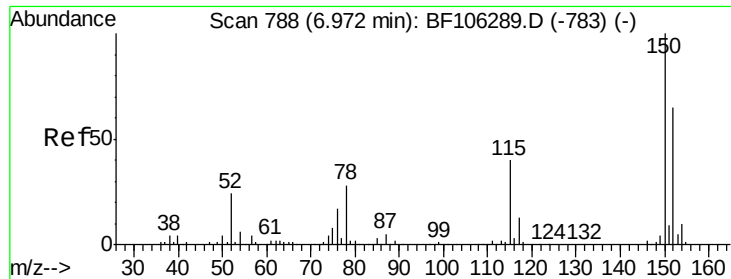
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106531.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	206870	45.753	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	213314	43.763	ng	94
45) 1,1'-Biphenyl	9.43	154	716330	42.316	ng	98
46) 2-Chloronaphthalene	9.45	162	571074	42.155	ng	97
47) 2-Nitroaniline	9.55	65	198356	46.544	ng	93
48) Acenaphthylene	9.87	152	908666	43.822	ng	99
49) Dimethylphthalate	9.72	163	675294	43.248	ng	99
50) 2,6-Dinitrotoluene	9.80	165	150564	47.205	ng	92
51) Acenaphthene	10.05	154	535939	40.022	ng	100
52) 3-Nitroaniline	9.97	138	106876	28.232	ng	98
53) 2,4-Dinitrophenol	10.07	184	130116	87.900	ng	# 20
54) Dibenzofuran	10.22	168	775731	43.019	ng	97
55) 4-Nitrophenol	10.15	139	206113	71.033	ng	91
56) 2,4-Dinitrotoluene	10.20	165	204153	50.971	ng	91
57) Fluorene	10.56	166	602591	42.178	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177185	45.864	ng	# 84
59) Diethylphthalate	10.42	149	651604	42.043	ng	96
60) 4-Chlorophenyl-phenylether	10.55	204	313736	41.751	ng	91
61) 4-Nitroaniline	10.58	138	159639	43.343	ng	97
62) Azobenzene	10.71	77	684071	42.330	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	103738	43.893	ng	85
65) n-Nitrosodiphenylamine	10.67	169	574370	38.457	ng	95
66) 4-Bromophenyl-phenylether	11.04	248	217429	43.017	ng	# 84
67) Hexachlorobenzene	11.11	284	225043	43.187	ng	# 88
68) Atrazine	11.20	200	197334	42.874	ng	96
69) Pentachlorophenol	11.31	266	185693	57.881	ng	98
70) Phenanthrene	11.53	178	898291	41.275	ng	98
71) Anthracene	11.58	178	936207	42.939	ng	98
72) Carbazole	11.74	167	812875	40.383	ng	98
73) Di-n-butylphthalate	12.05	149	982281	43.846	ng	99
74) Fluoranthene	12.72	202	987805	42.560	ng	99
76) Benzidine	12.84	184	501480	42.115	ng	98
77) Pyrene	12.95	202	996479	44.487	ng	97
79) Butylbenzylphthalate	13.56	149	427513	50.988	ng	# 96
80) Benzo(a)anthracene	14.16	228	905682	42.538	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	196011	27.286	ng	# 96
82) Chrysene	14.19	228	819987	42.182	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	572668	47.635	ng	100
84) Di-n-octyl phthalate	14.77	149	850757	49.087	ng	99
85) Indeno(1,2,3-cd)pyrene	17.30	276	710833	45.819	ng	# 93
87) Benzo(b)fluoranthene	15.27	252	680460	40.255	ng	96
88) Benzo(k)fluoranthene	15.29	252	677127	40.447	ng	97
89) Benzo(a)pyrene	15.66	252	643013	42.292	ng	# 97
90) Dibenzo(a,h)anthracene	17.32	278	582331	45.941	ng	# 95
91) Benzo(g,h,i)perylene	17.78	276	615202	49.941	ng	# 91

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

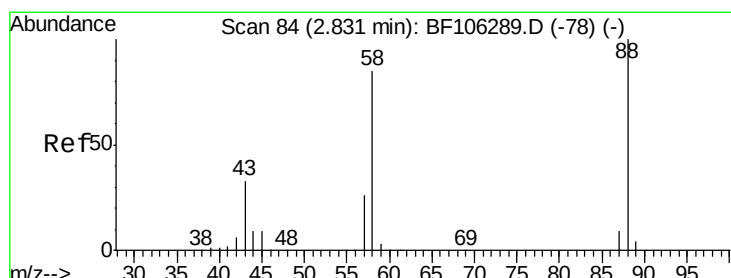
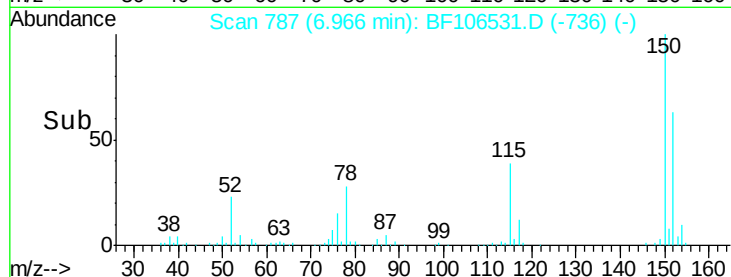
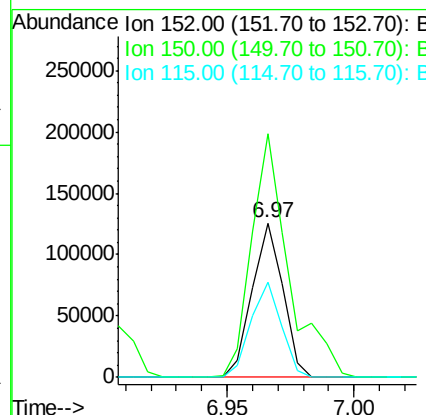
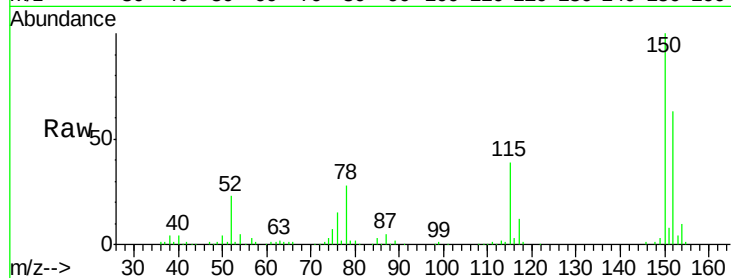


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

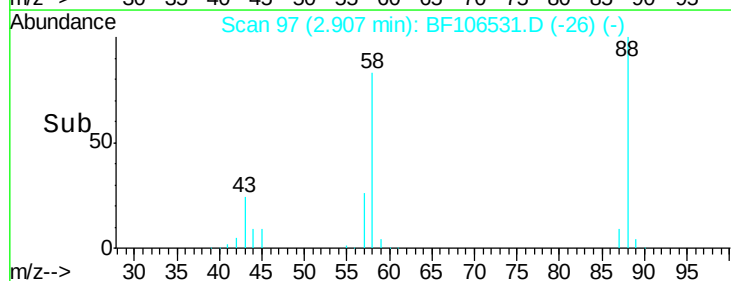
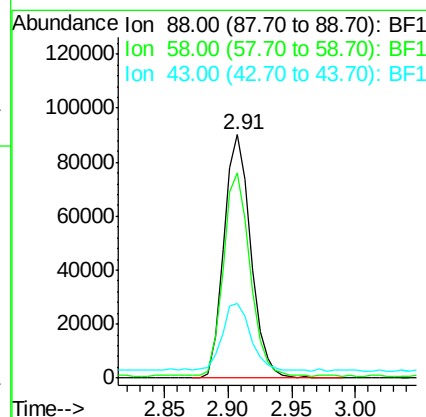
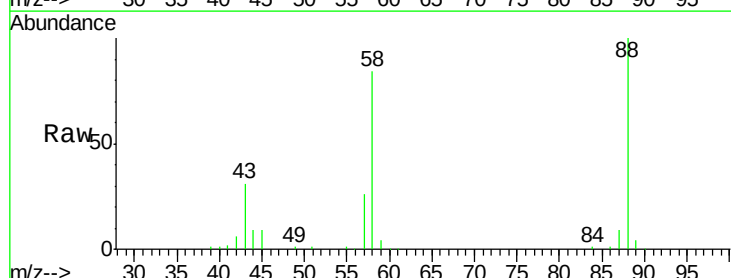
Tgt Ion: 152 Resp: 106654
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 61.9 50.1 75.1

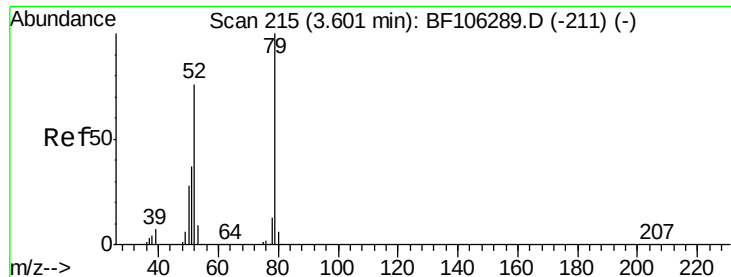


#2

1,4-Dioxane
Concen: 40.862 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.12 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion: 88 Resp: 133262
Ion Ratio Lower Upper
88 100
58 83.4 62.6 93.8
43 29.6 24.6 37.0





#3

Pyridine

Concen: 40.923 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.09 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

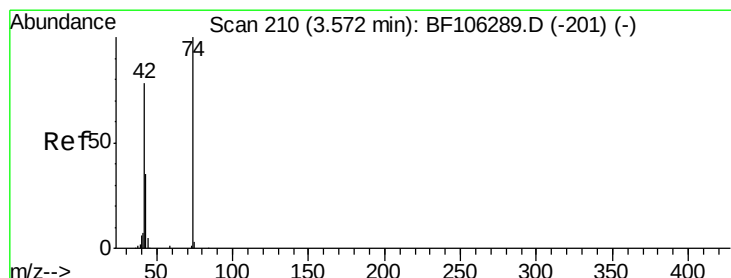
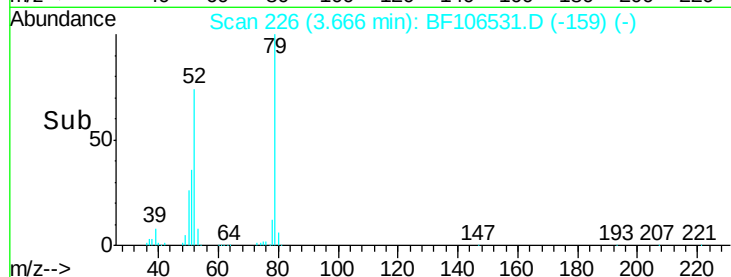
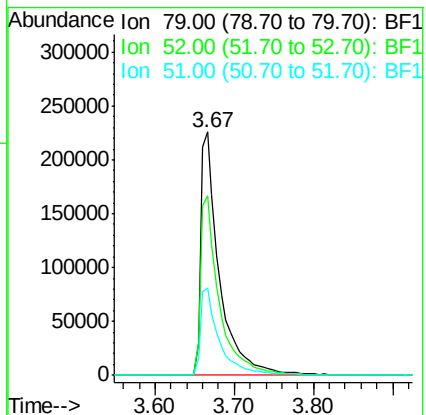
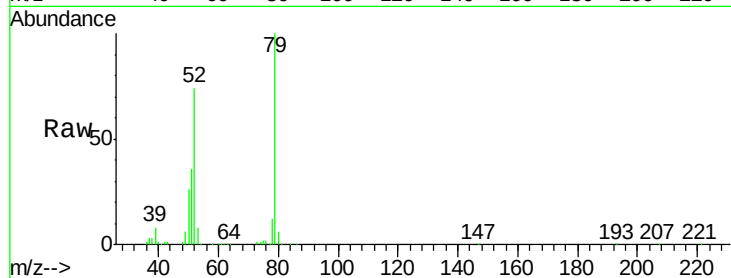
Tgt Ion: 79 Resp: 371923

Ion Ratio Lower Upper

79 100

52 73.6 59.8 89.6

51 36.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.215 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.09 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

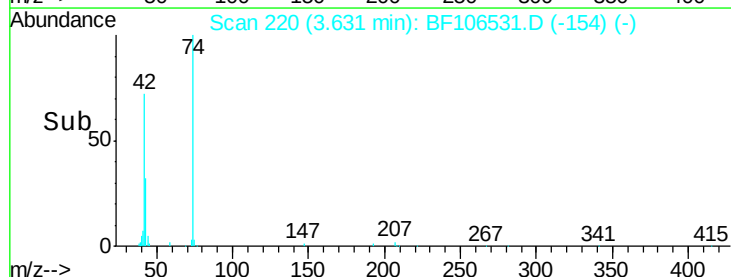
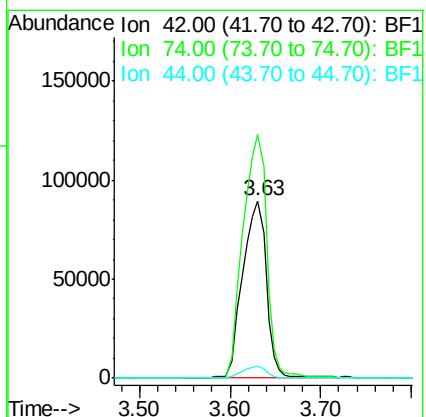
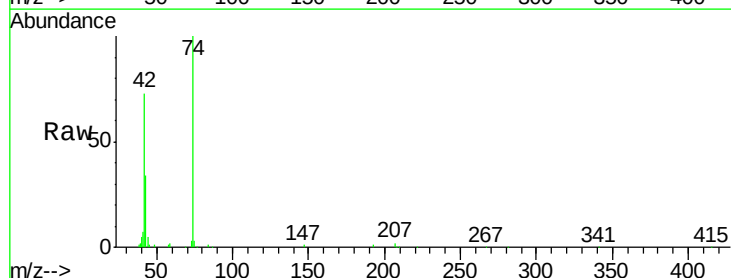
Tgt Ion: 42 Resp: 163271

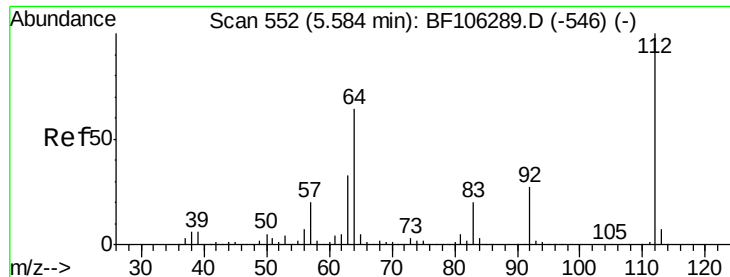
Ion Ratio Lower Upper

42 100

74 137.5 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 88.943 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

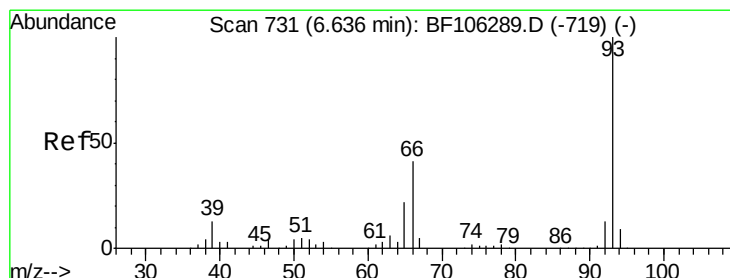
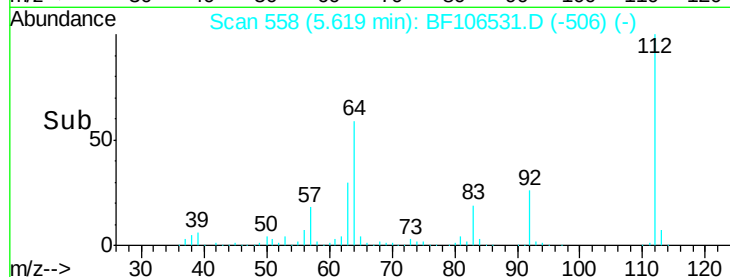
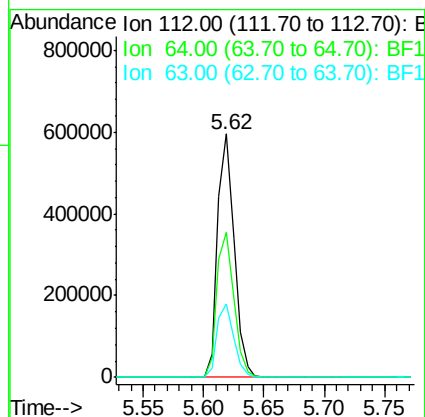
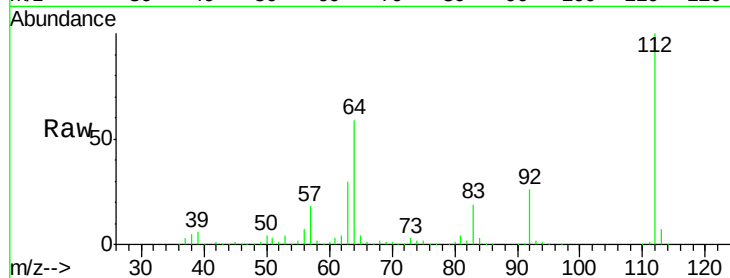
Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tgt Ion:	112	Resp:	560483
Ion Ratio	Lower	Upper	
112	100		
64	59.4	47.9	71.9
63	30.3	23.7	35.5



#6

Aniline

Concen: 29.788 ng

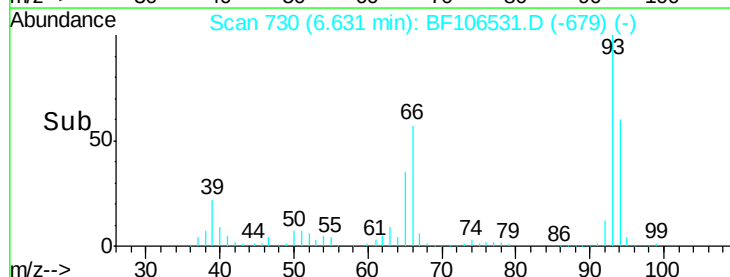
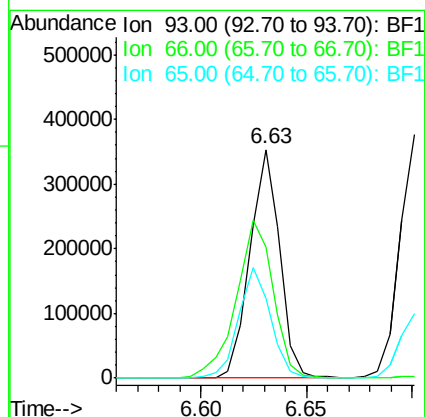
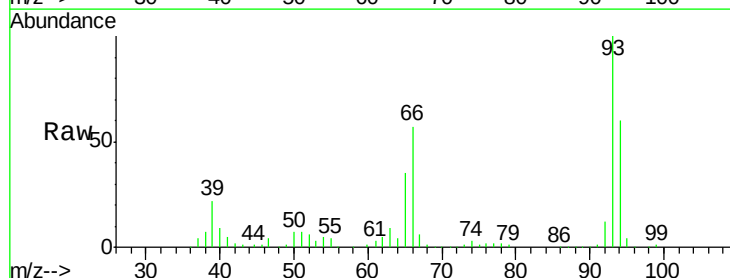
RT: 6.63 min Scan# 730

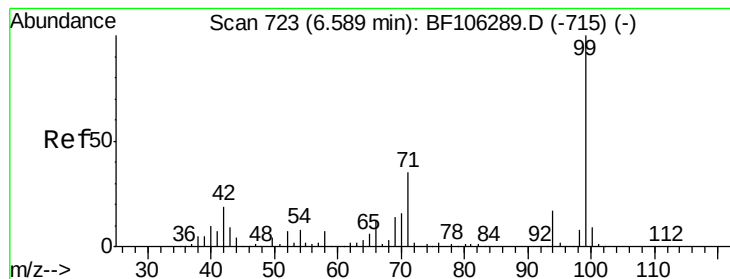
Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:	93	Resp:	346302
Ion Ratio	Lower	Upper	
93	100		
66	57.4	32.2	48.2#
65	35.1	16.4	24.6#





#7

Phenol-d6

Concen: 86.311 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

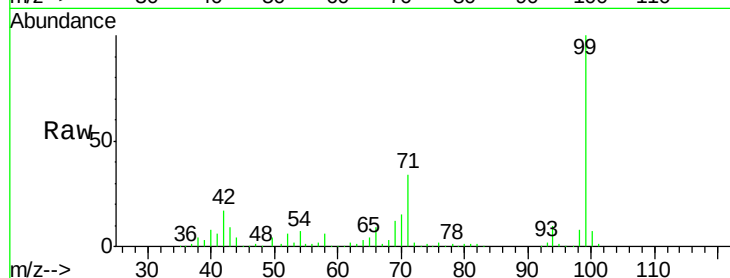
Tgt Ion: 99 Resp: 687164

Ion Ratio Lower Upper

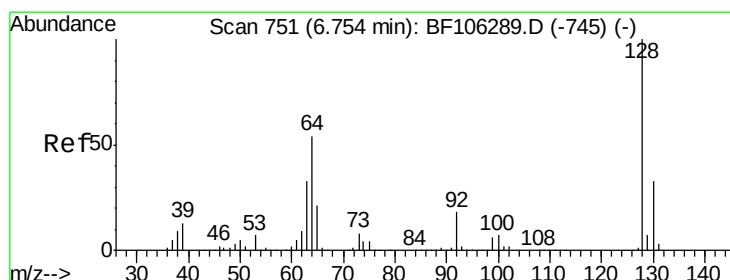
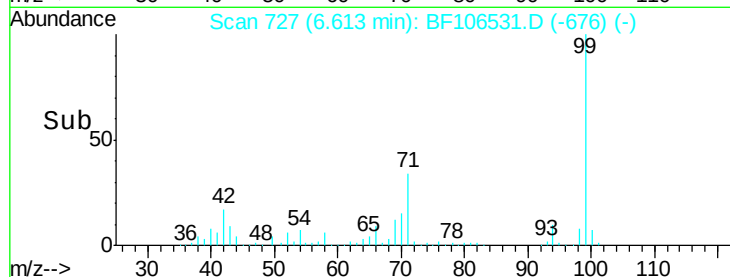
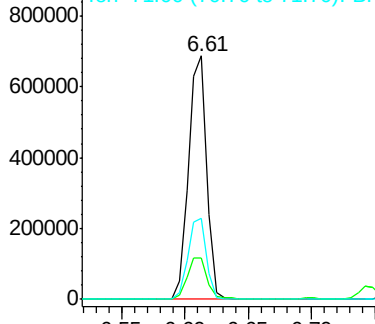
99 100

42 16.8 14.5 21.7

71 33.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 44.861 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

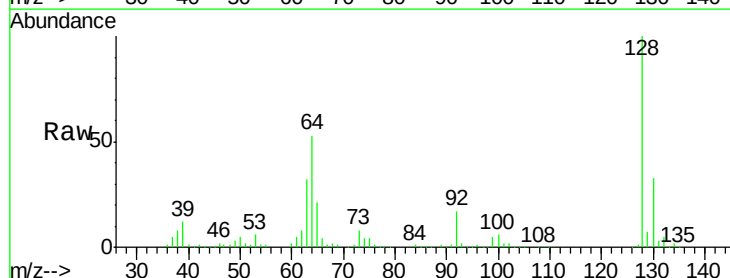
Tgt Ion: 128 Resp: 304004

Ion Ratio Lower Upper

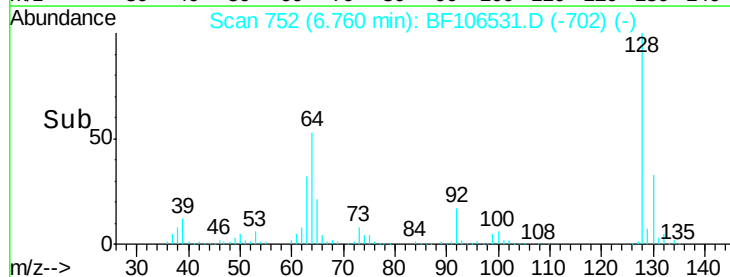
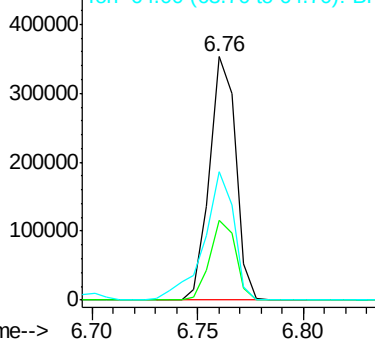
128 100

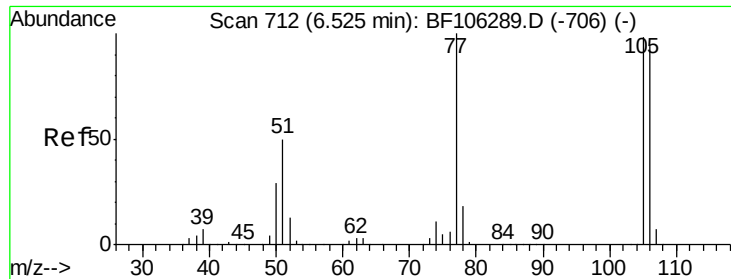
130 32.7 13.0 53.0

64 52.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 28.488 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

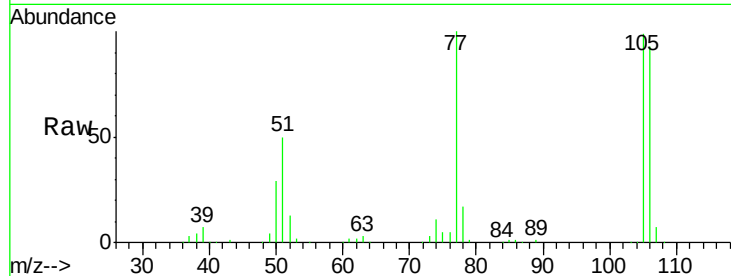
Tgt Ion: 77 Resp: 172032

Ion Ratio Lower Upper

77 100

105 99.4 81.1 121.1

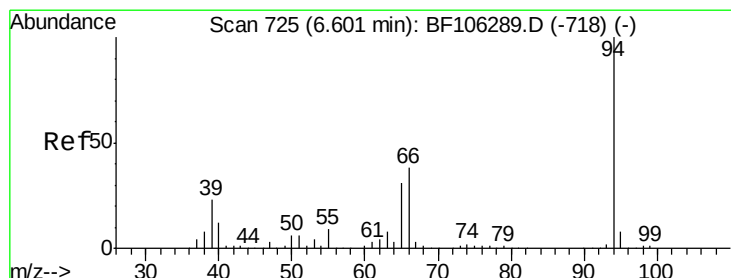
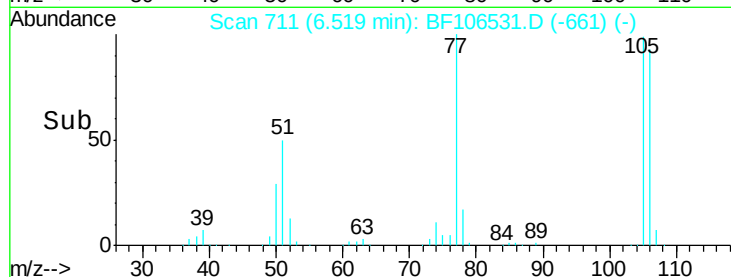
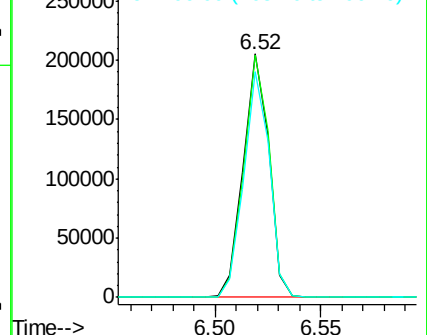
106 92.5 74.5 114.5



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: 44.848 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

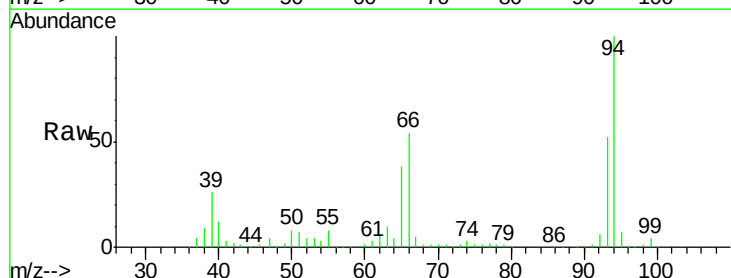
Tgt Ion: 94 Resp: 389793

Ion Ratio Lower Upper

94 100

65 37.8 7.9 47.9

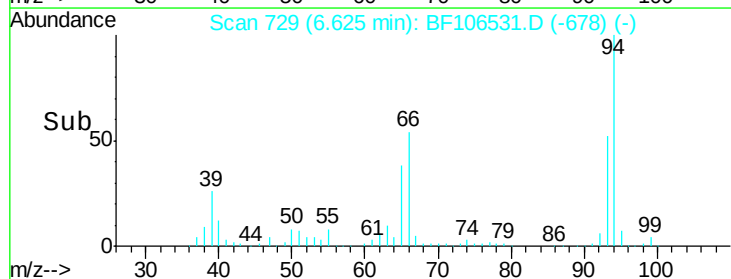
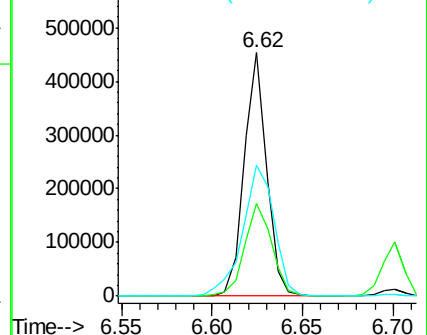
66 53.9 16.2 56.2

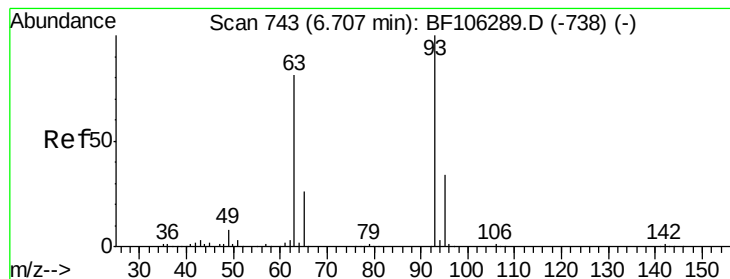


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.111 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

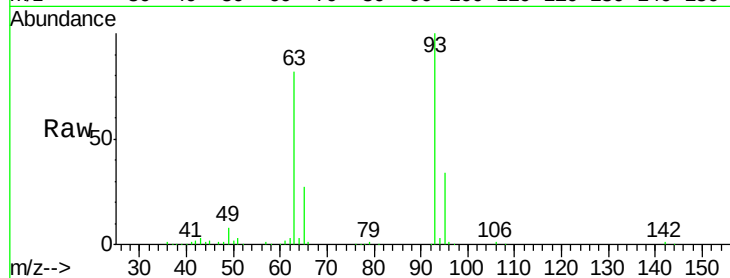
Tgt Ion: 93 Resp: 313324

Ion Ratio Lower Upper

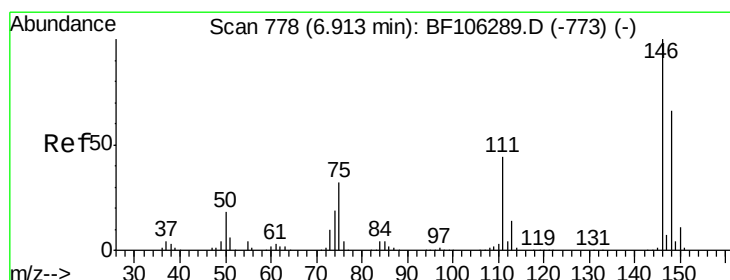
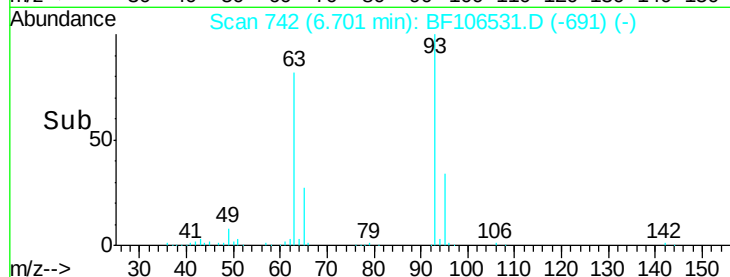
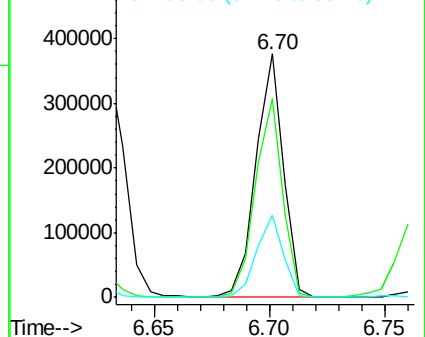
93 100

63 81.7 58.6 98.6

95 33.7 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 43.672 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

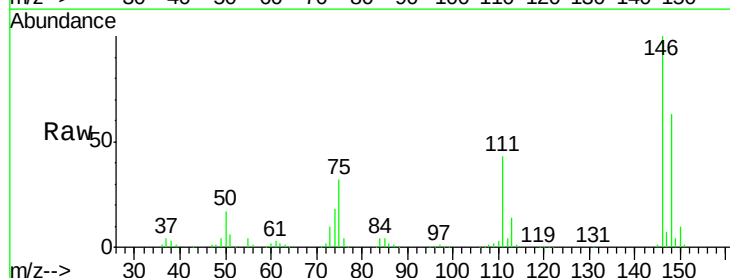
Tgt Ion: 146 Resp: 348313

Ion Ratio Lower Upper

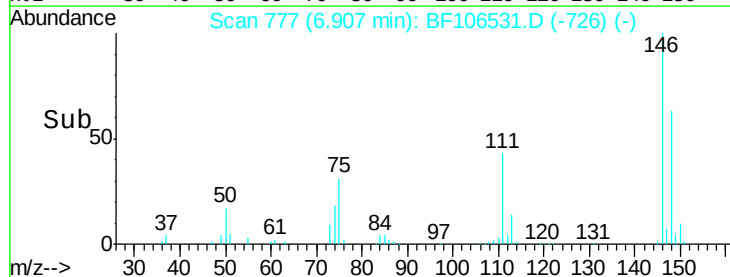
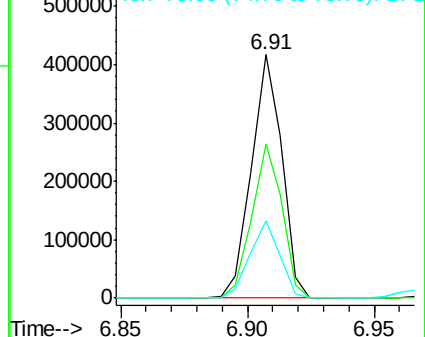
146 100

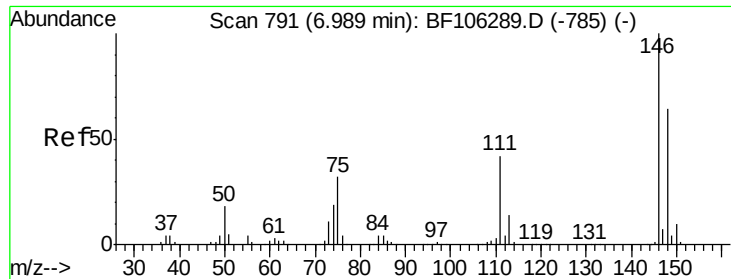
148 63.5 51.8 77.8

75 31.5 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

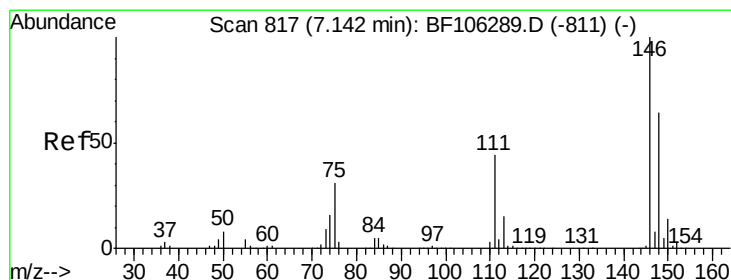
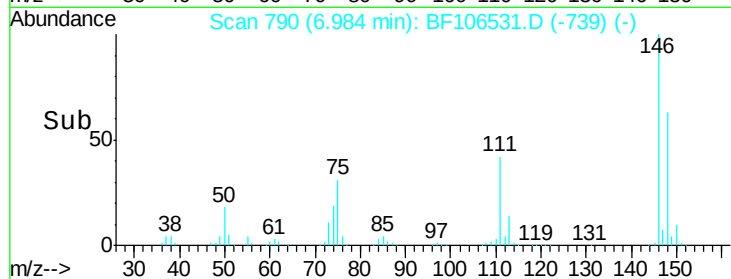
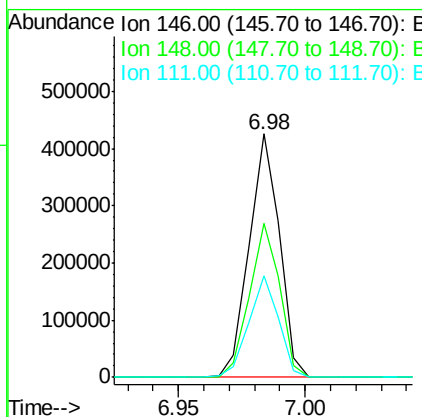
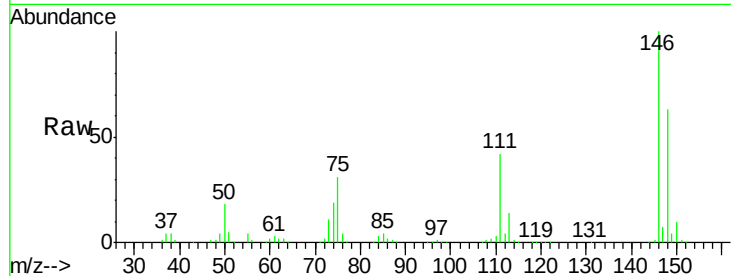




#13
 1,4-Dichlorobenzene
 Concen: 43.565 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

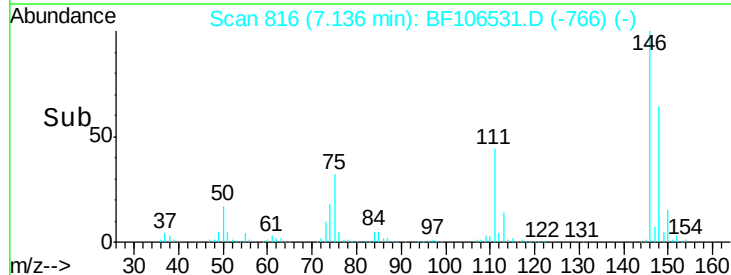
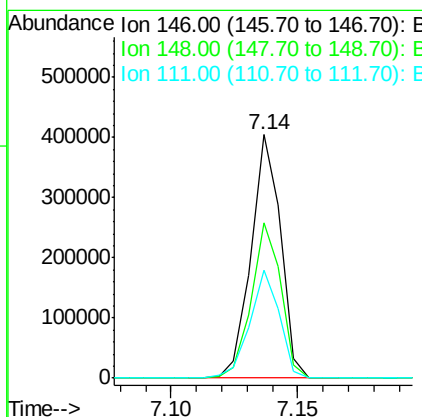
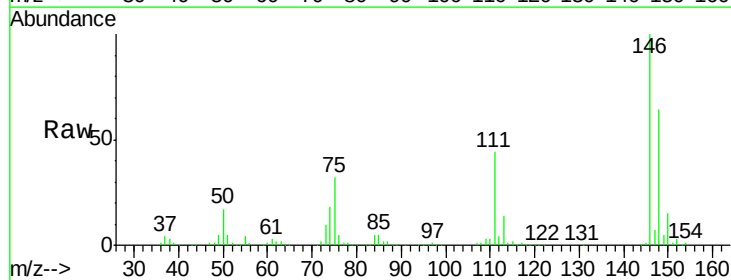
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

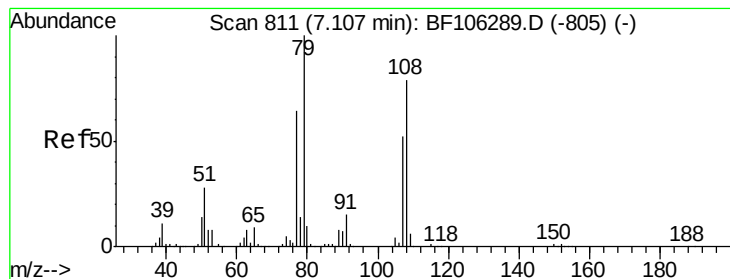
Tgt Ion:146 Resp: 352598
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.003 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion:146 Resp: 327645
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.034 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

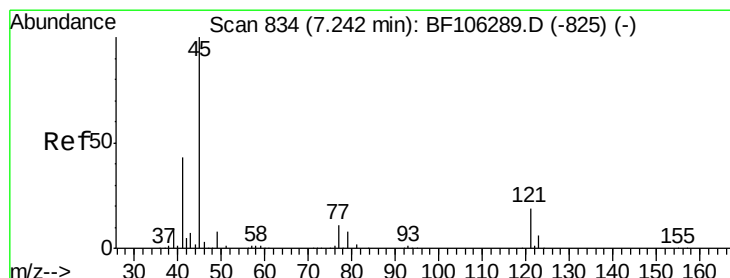
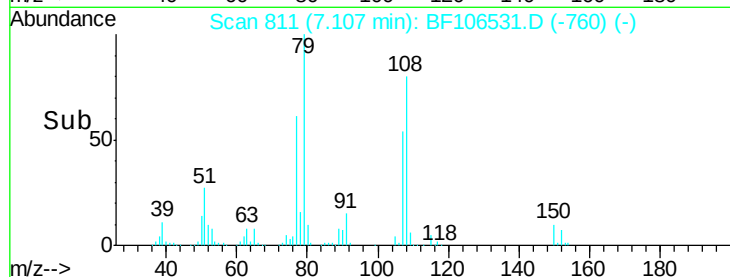
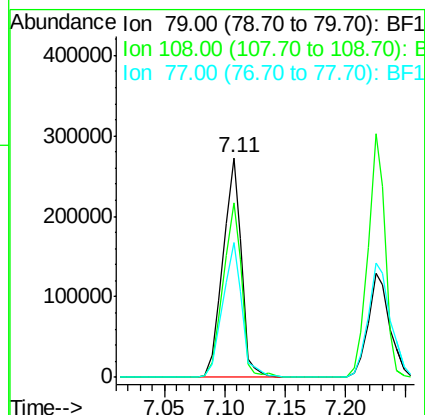
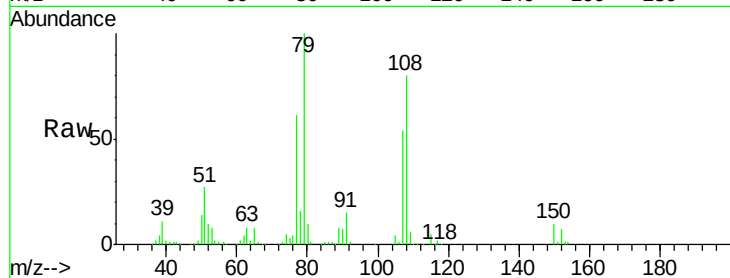
Tgt Ion: 79 Resp: 286593

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

77 61.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.551 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

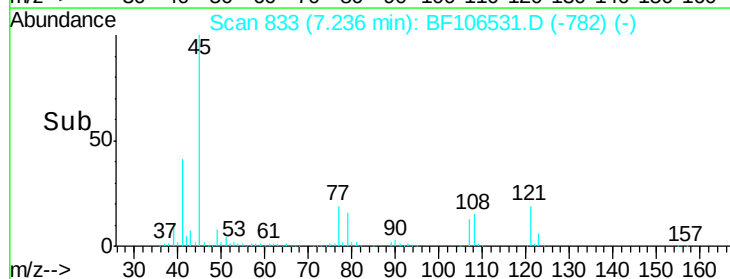
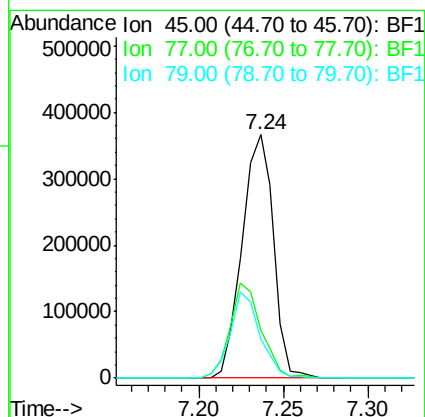
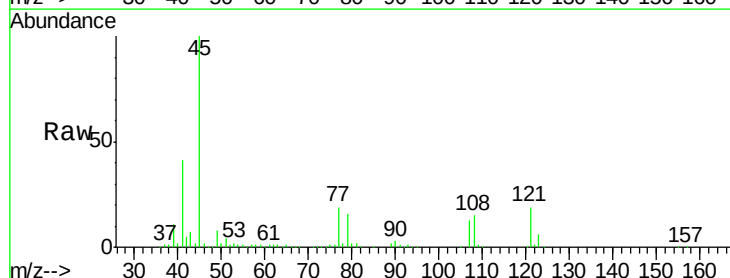
Tgt Ion: 45 Resp: 475162

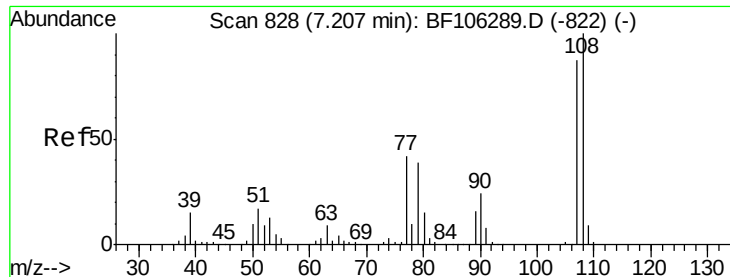
Ion Ratio Lower Upper

45 100

77 19.4 0.0 32.9

79 16.0 0.0 29.6

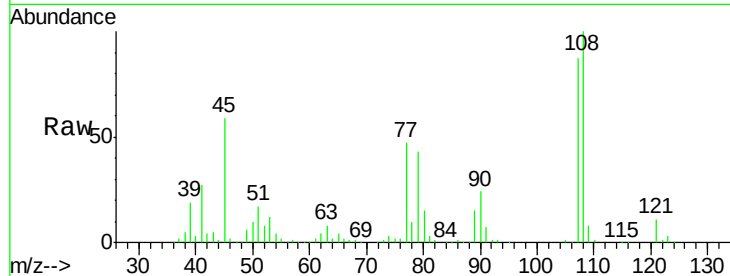




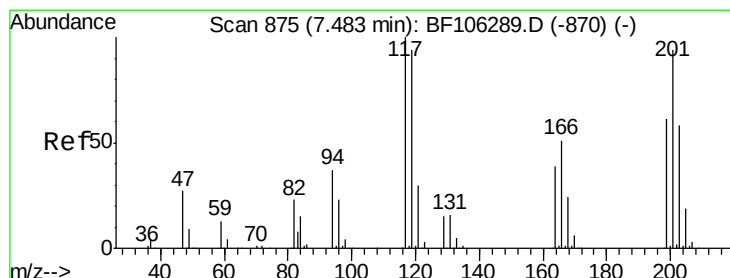
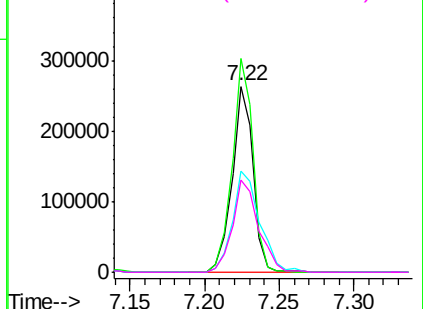
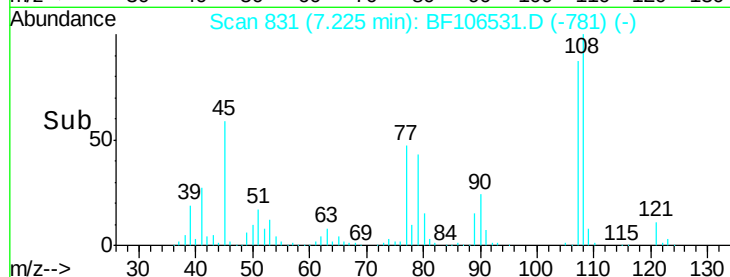
#17
2-Methylphenol
Concen: 42.982 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tgt Ion:107 Resp: 259873
Ion Ratio Lower Upper
107 100
108 115.0 91.7 137.5
77 54.1 33.8 50.8#
79 49.4 33.8 50.8

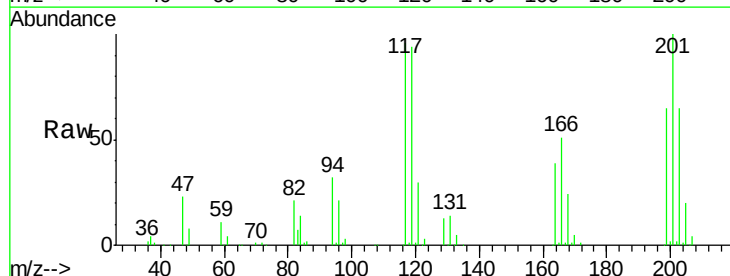


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

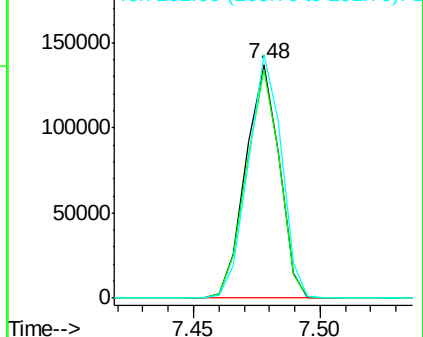
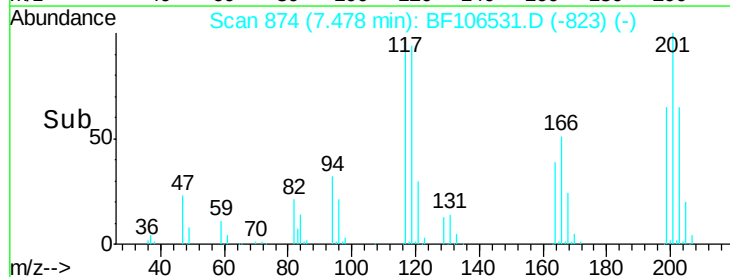


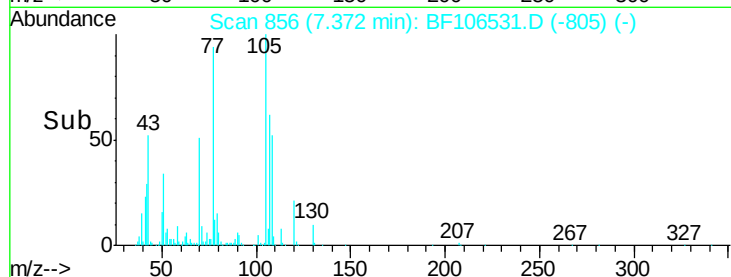
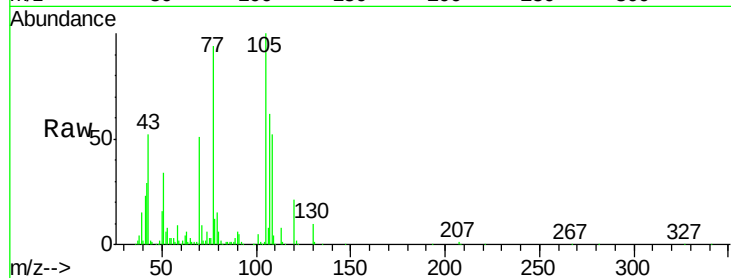
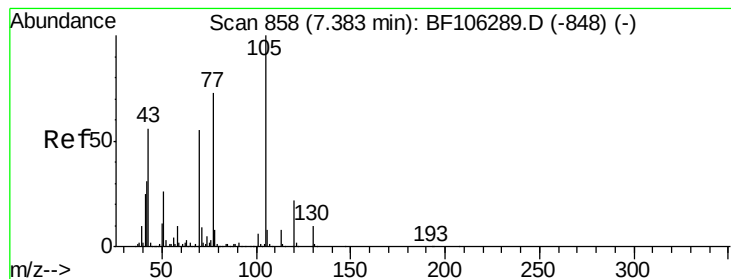
#18
Hexachloroethane
Concen: 43.939 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:117 Resp: 126715
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
201 104.2 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: 35.942 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tgt Ion: 70 Resp: 214679

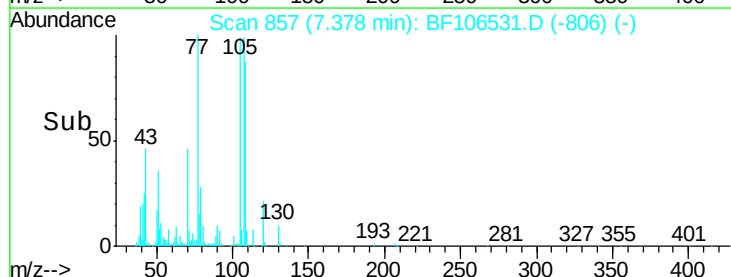
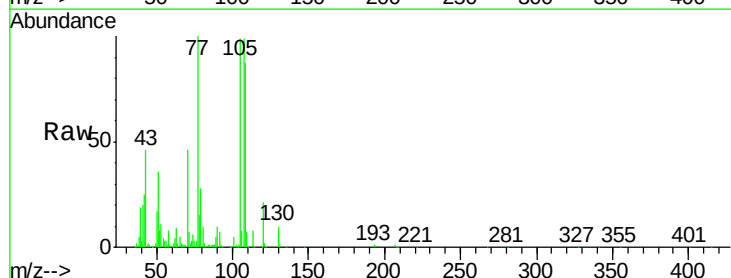
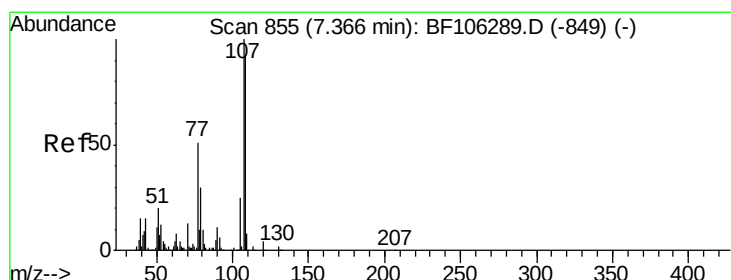
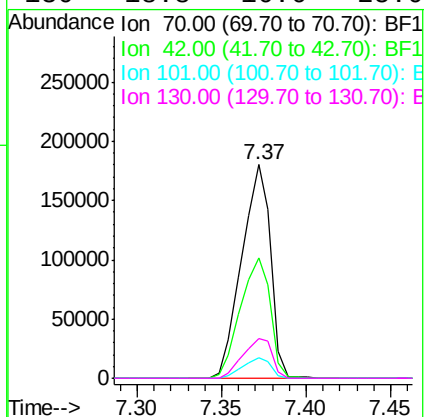
Ion Ratio Lower Upper

70 100

42 56.1 47.5 71.3

101 9.7 7.4 11.2

130 18.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.667 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion: 107 Resp: 314436

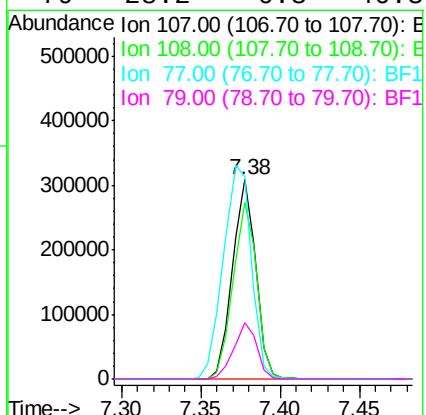
Ion Ratio Lower Upper

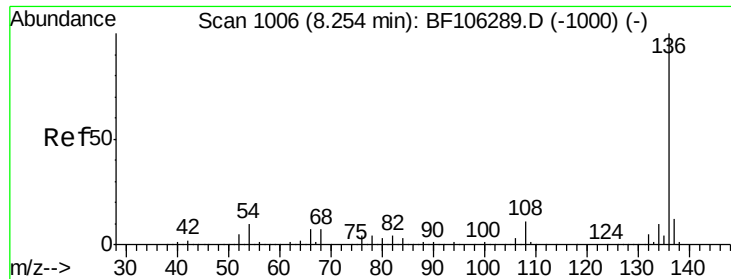
107 100

108 88.6 68.2 108.2

77 101.3 26.7 66.7#

79 28.2 6.3 46.3

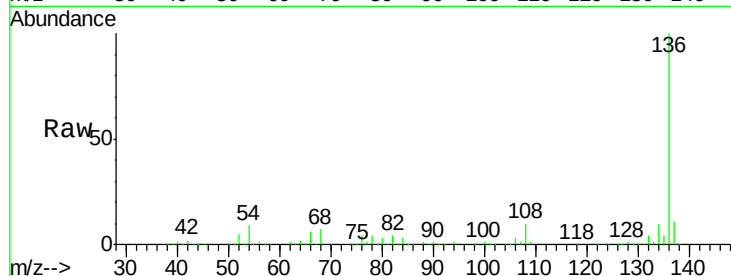




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tgt Ion:	136	Resp:	441753
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.6	9.8
68	6.7	5.0	7.4



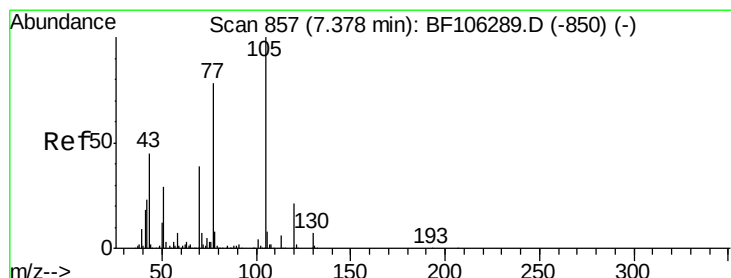
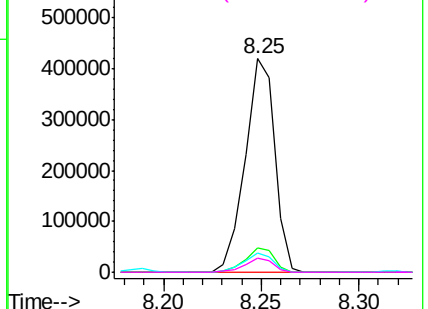
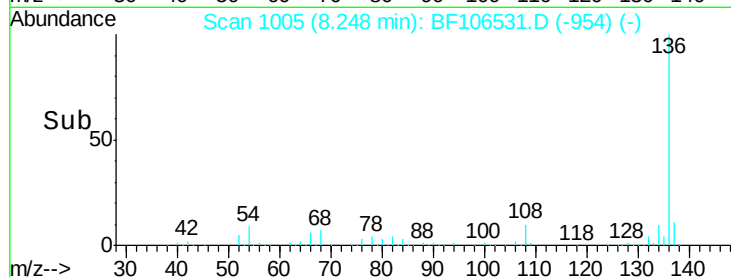
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

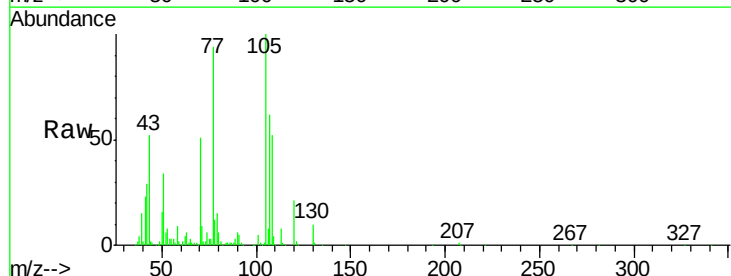
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.406 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:	105	Resp:	416428
Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	34.0	22.3	33.5#
120	20.8	16.9	25.3



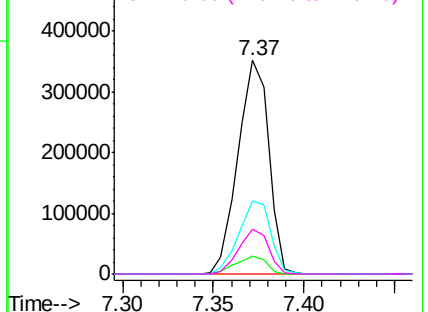
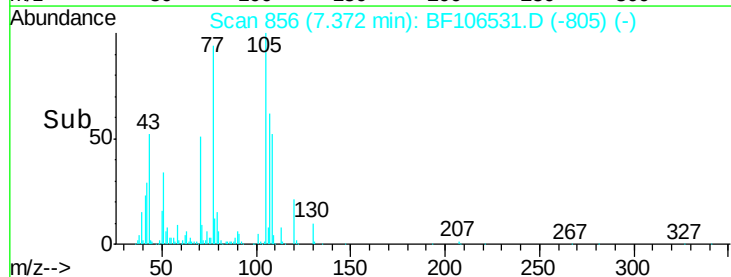
Abundance

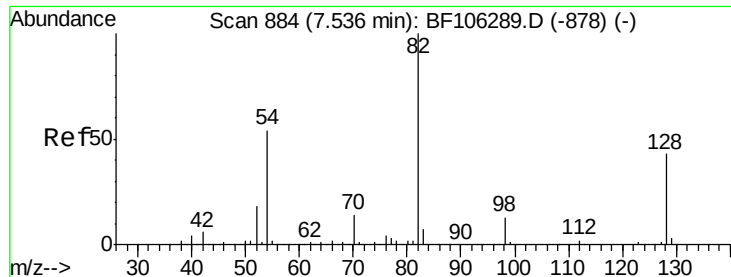
Ion 105.00 (104.70 to 105.70): E

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

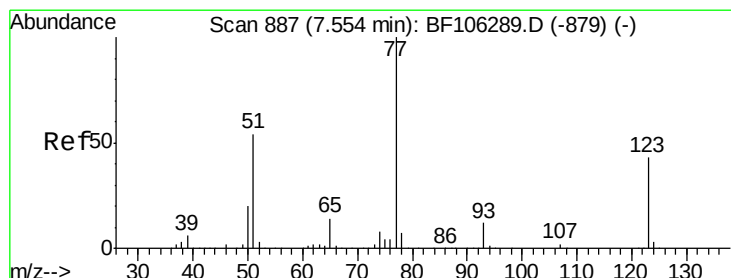
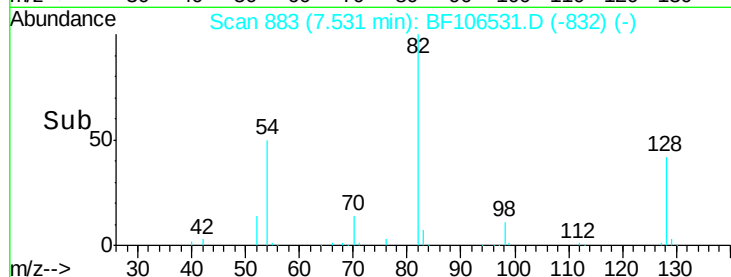
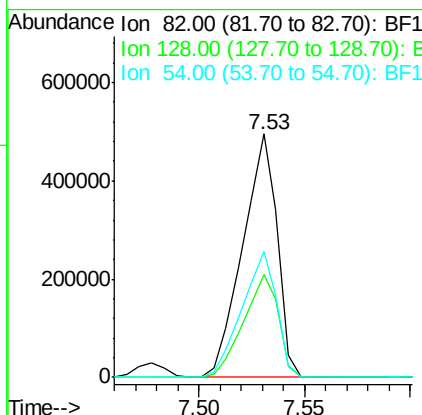
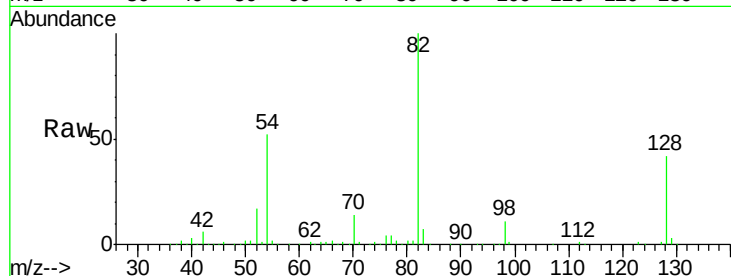




#23
Nitrobenzene-d5
Concen: 74.533 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

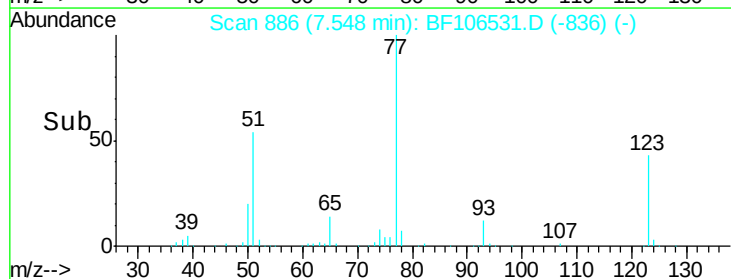
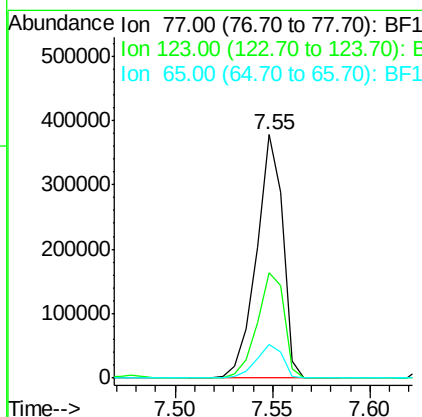
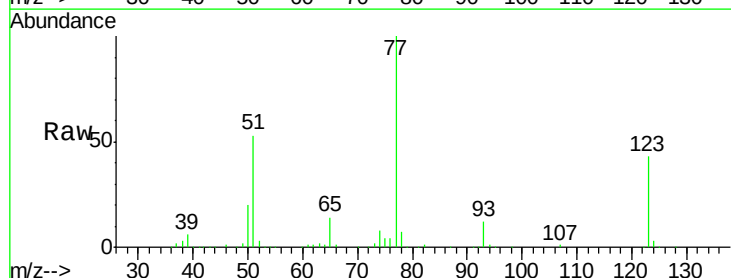
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

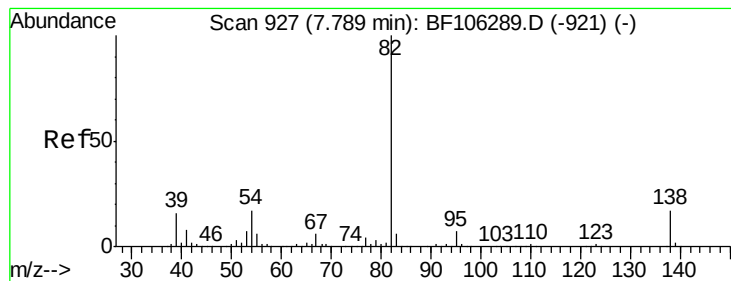
Tgt Ion: 82 Resp: 559679
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 51.8 41.4 62.2



#24
Nitrobenzene
Concen: 43.160 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion: 77 Resp: 352258
Ion Ratio Lower Upper
77 100
123 43.2 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 43.842 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

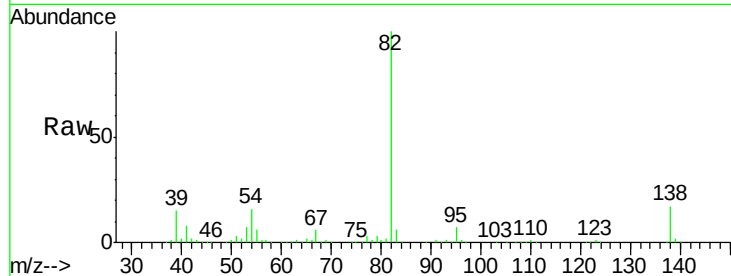
Tgt Ion: 82 Resp: 643032

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

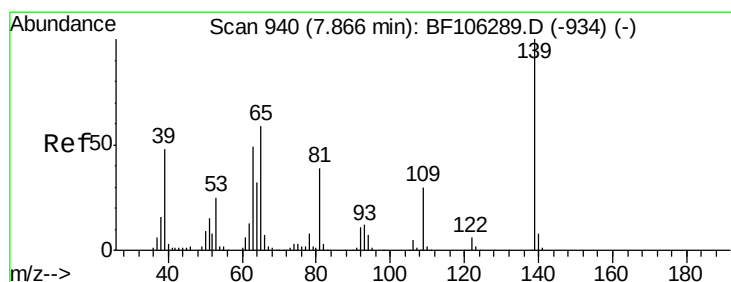
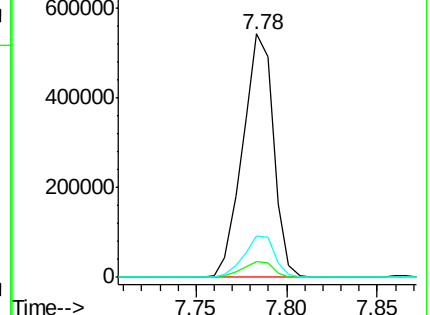
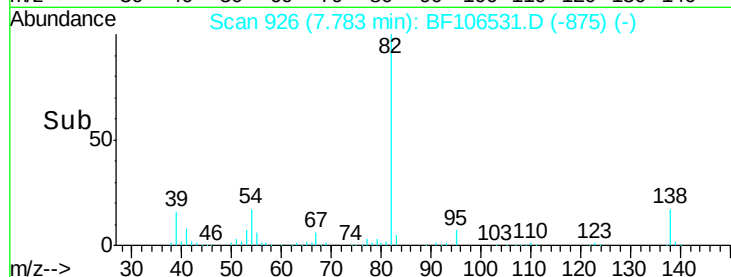
138 16.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.204 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

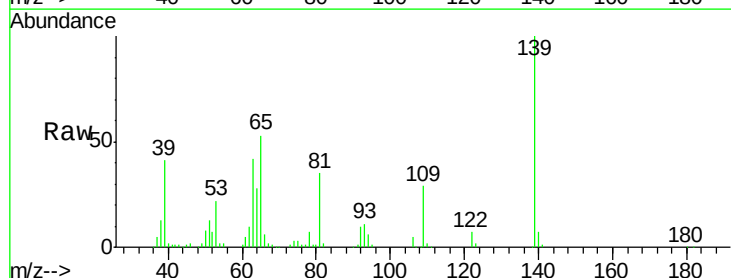
Tgt Ion: 139 Resp: 168549

Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

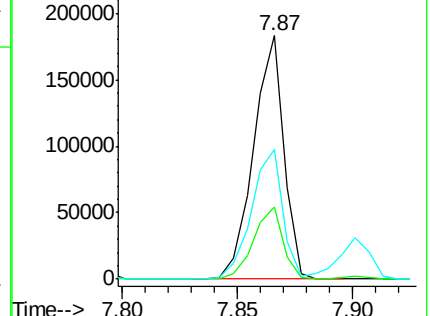
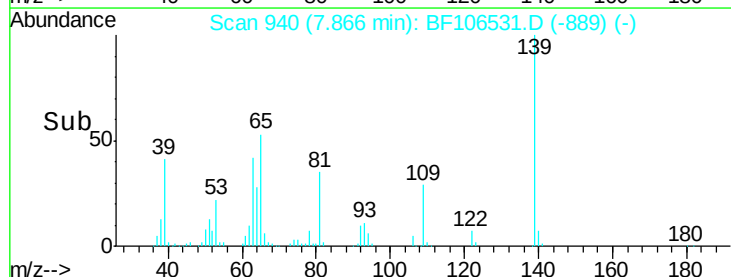
65 53.0 40.5 60.7

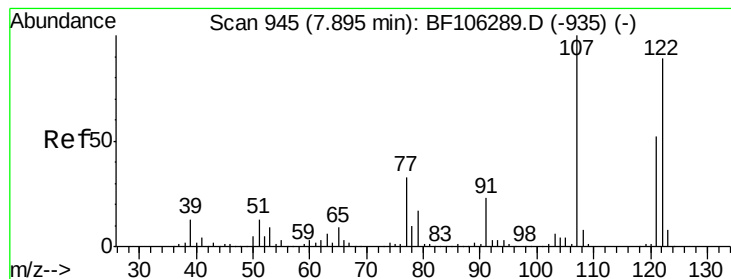


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.902 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

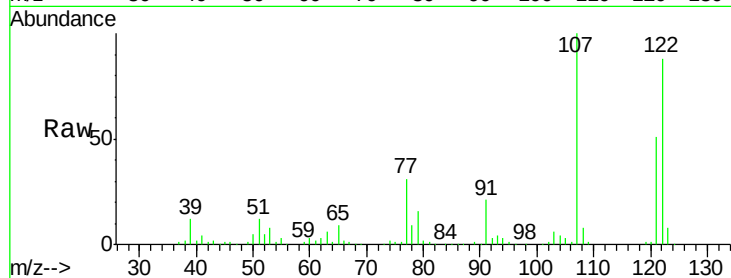
Tgt Ion:122 Resp: 285016

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

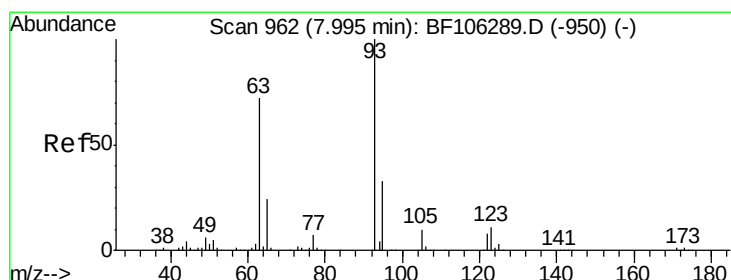
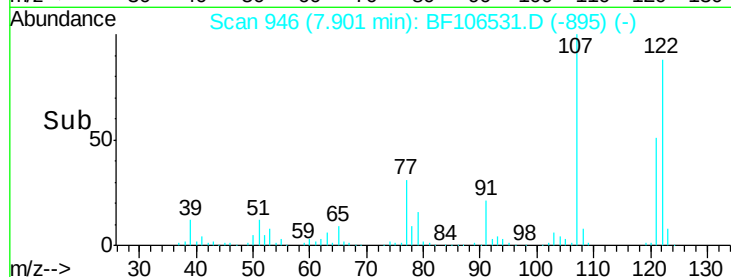
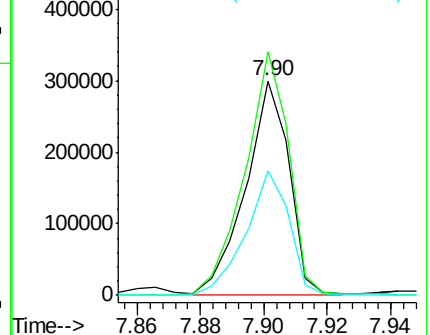
121 58.2 47.2 70.8



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: 42.286 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

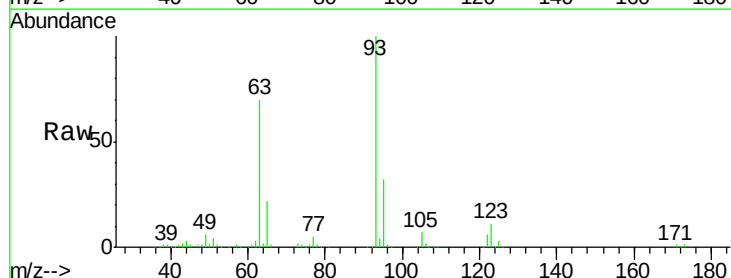
Tgt Ion: 93 Resp: 402160

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

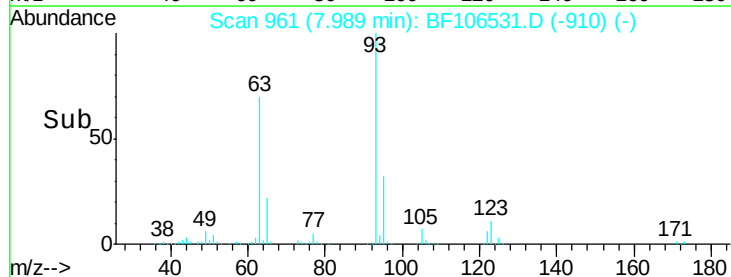
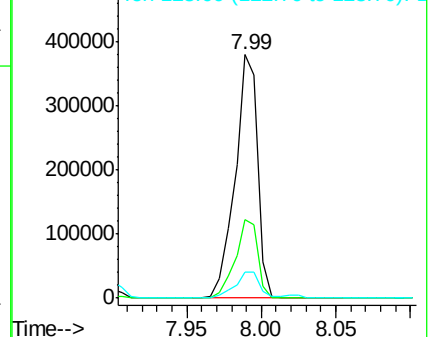
123 10.9 9.8 14.6

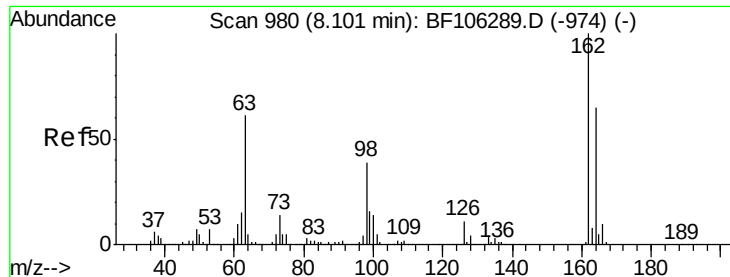


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

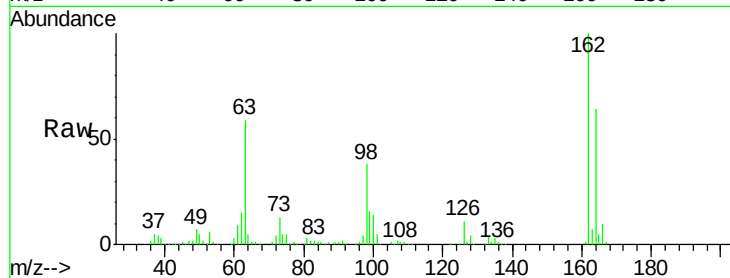




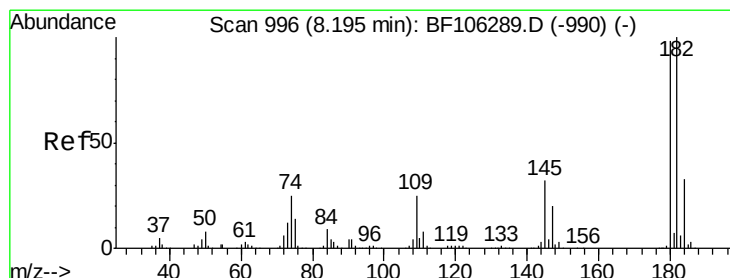
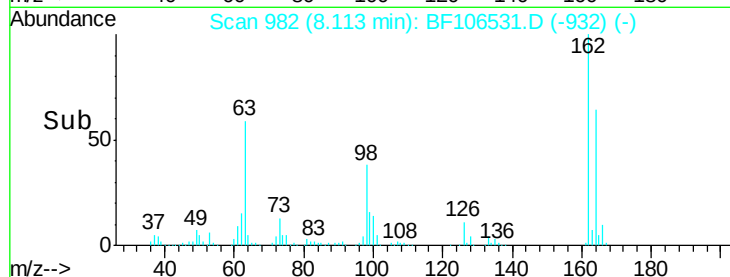
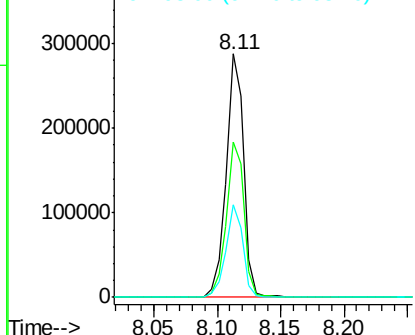
#29
 2,4-Dichlorophenol
 Concen: 45.648 ng
 RT: 8.11 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.1	18.1	58.1

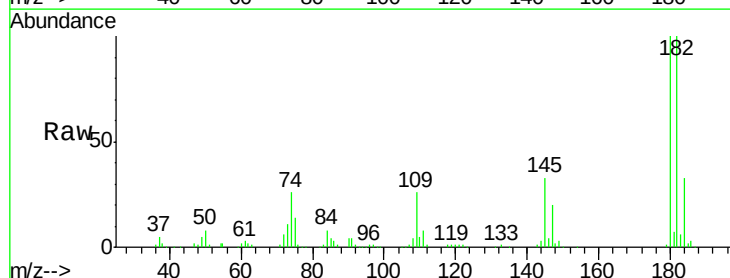


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

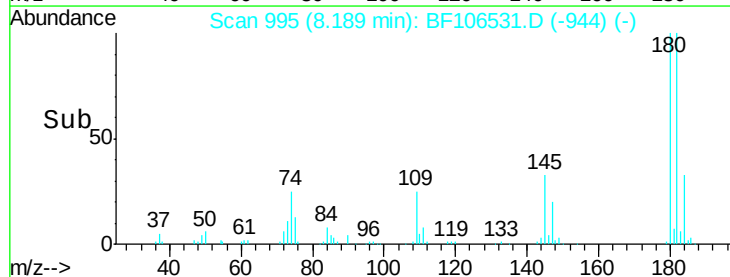
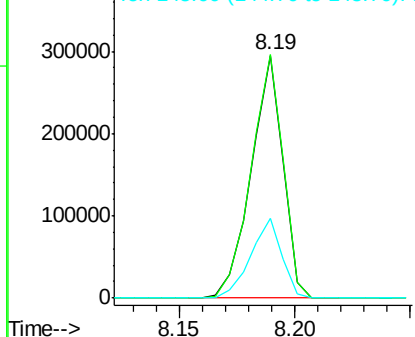


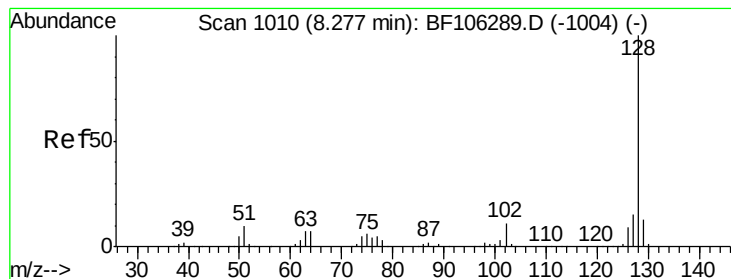
#30
 1,2,4-Trichlorobenzene
 Concen: 42.256 ng
 RT: 8.19 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 43.222 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

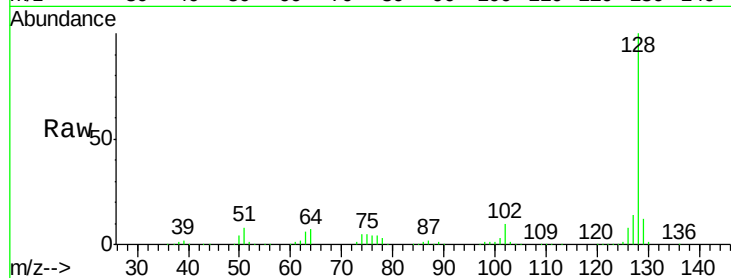
Tgt Ion:128 Resp: 863135

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

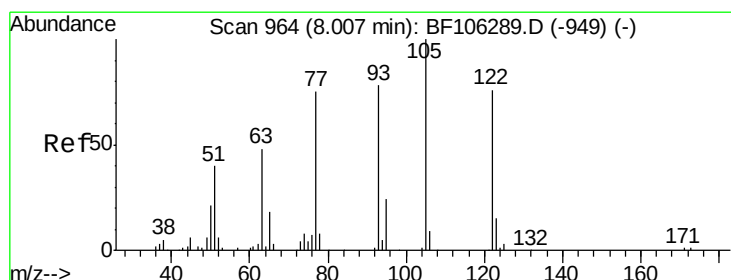
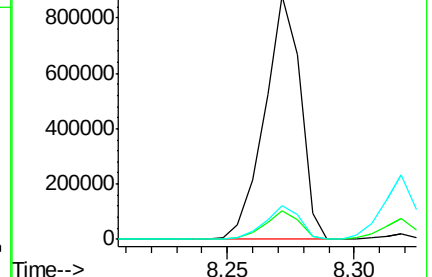
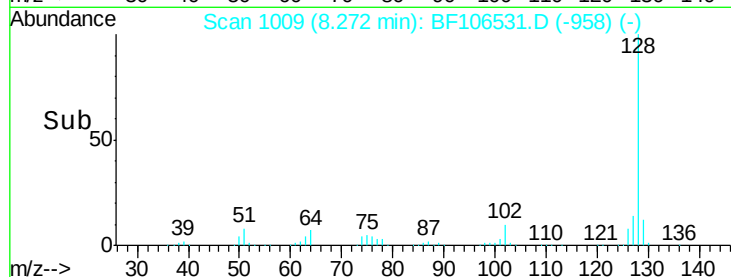
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.480 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

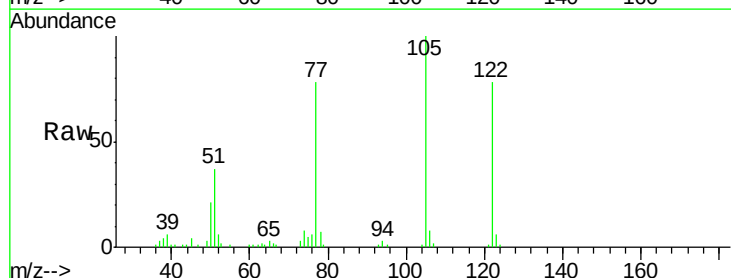
Tgt Ion:122 Resp: 141426

Ion Ratio Lower Upper

122 100

105 128.8 101.1 141.1

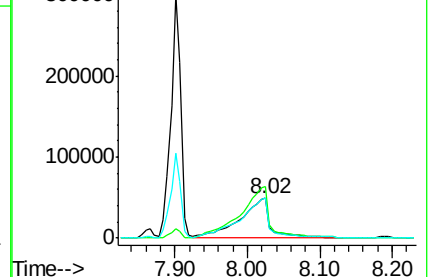
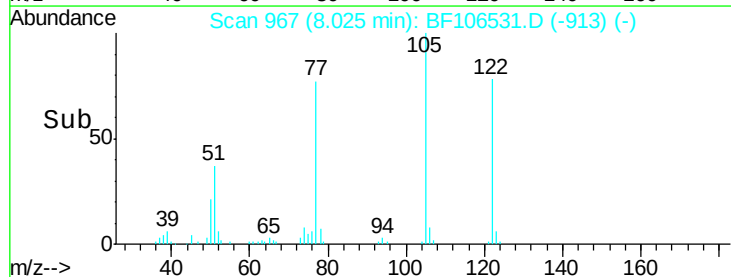
77 100.3 70.7 110.7

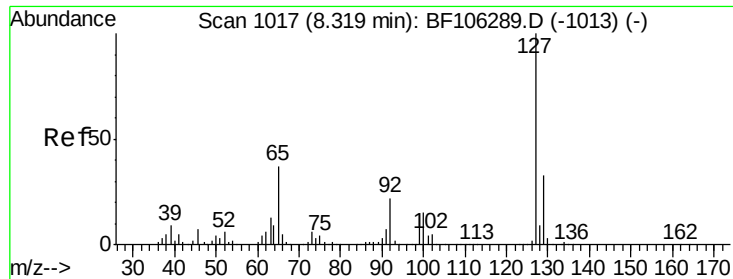


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

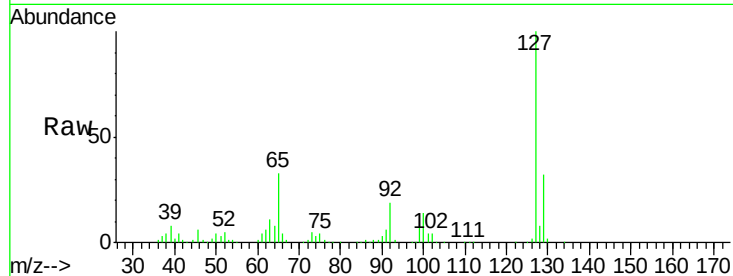




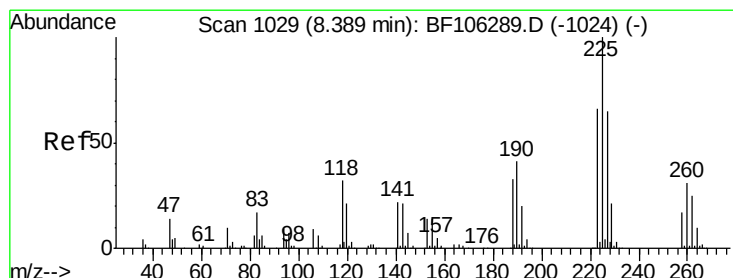
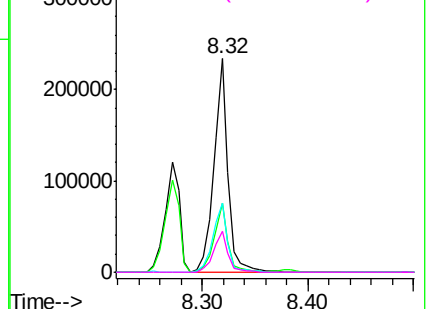
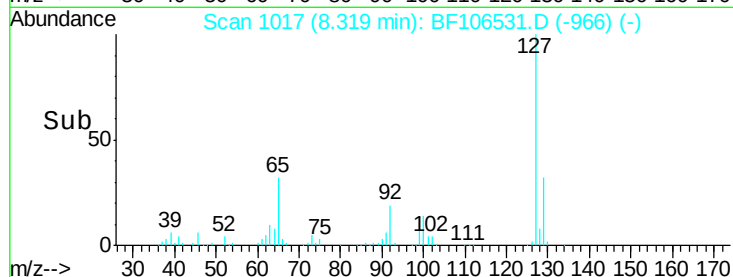
#33
4-Chloroaniline
Concen: 24.751 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tgt Ion:	127	Resp:	219035
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	32.7	25.0	37.4
92	19.4	15.2	22.8

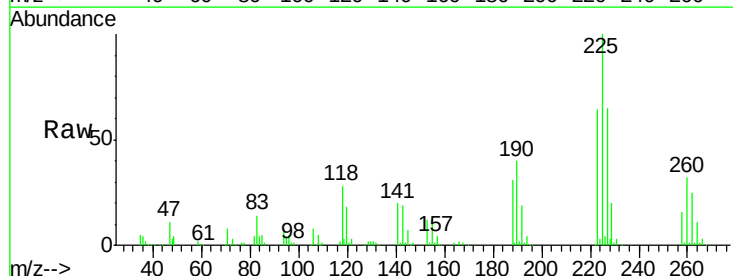


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

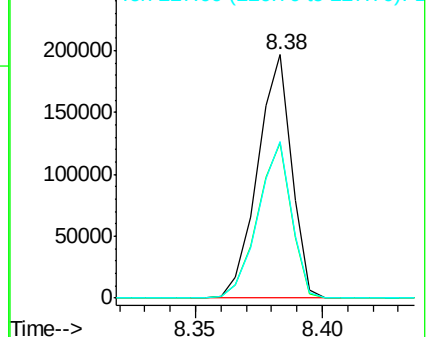
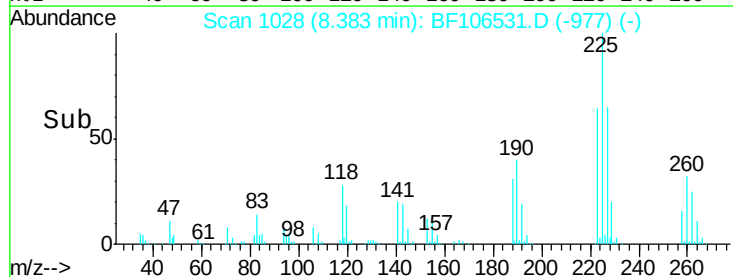


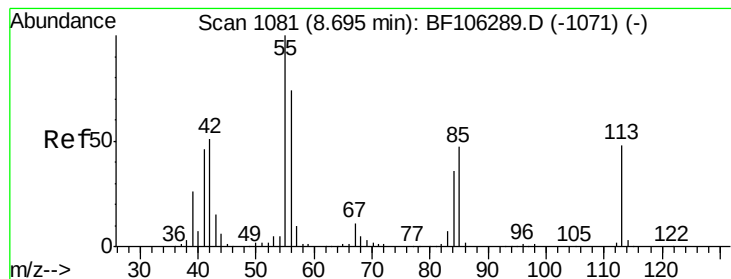
#34
Hexachlorobutadiene
Concen: 42.642 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:	225	Resp:	184004
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.5	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: 27.270 ng

RT: 8.69 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

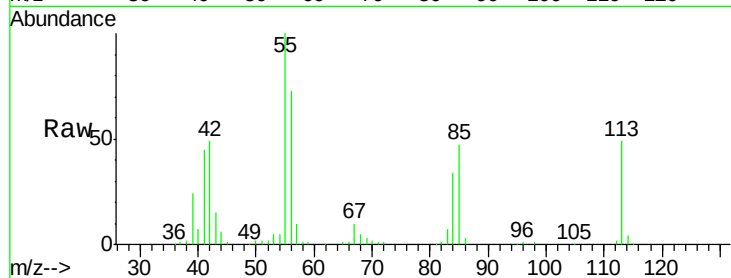
Tgt Ion:113 Resp: 55255

Ion Ratio Lower Upper

113 100

55 204.8 163.3 203.3#

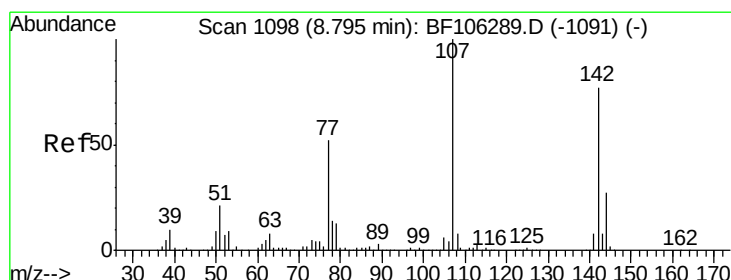
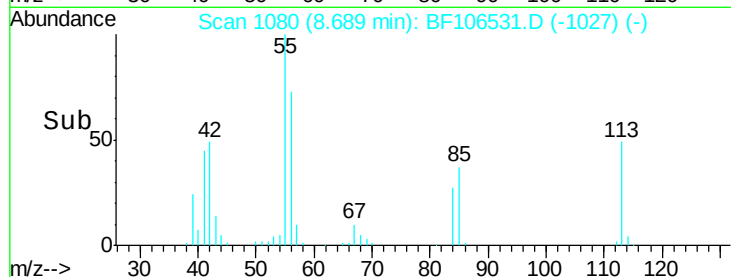
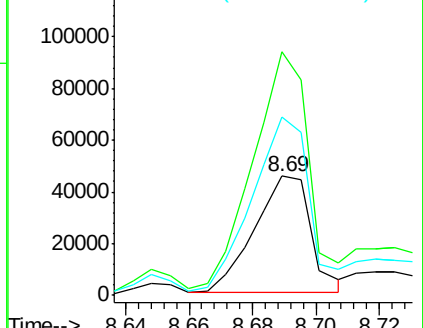
56 150.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.710 ng

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

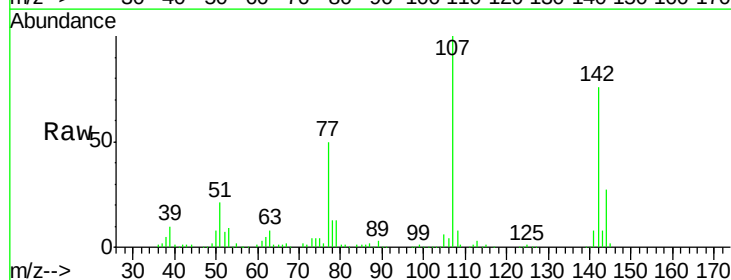
Tgt Ion:107 Resp: 289634

Ion Ratio Lower Upper

107 100

144 27.3 20.5 30.7

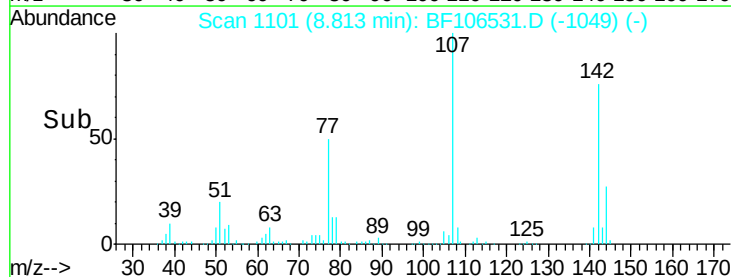
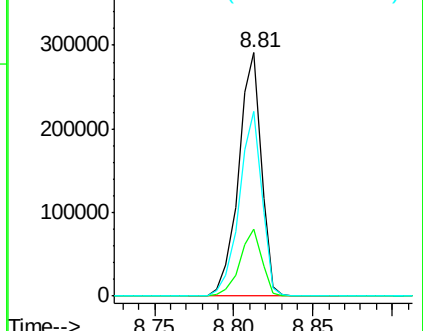
142 75.8 62.0 93.0

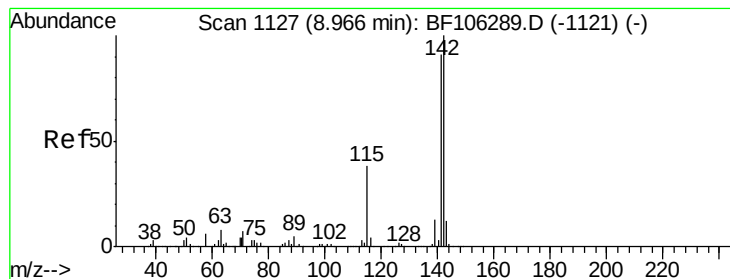


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.626 ng

RT: 8.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

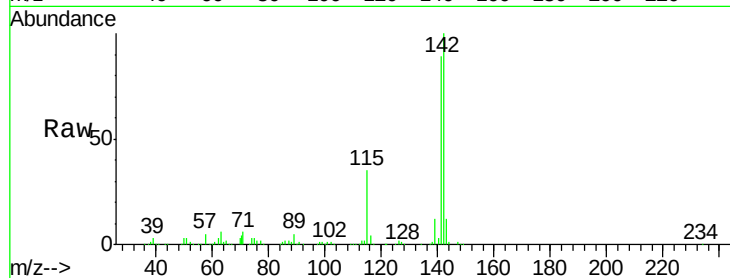
Tgt Ion:142 Resp: 606978

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

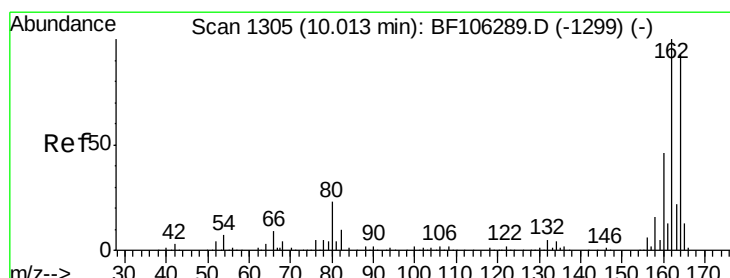
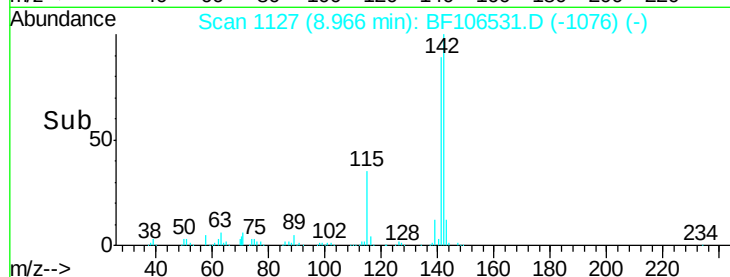
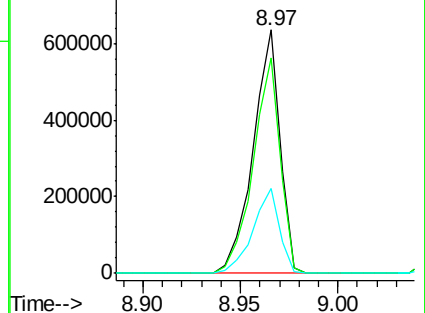
115 34.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

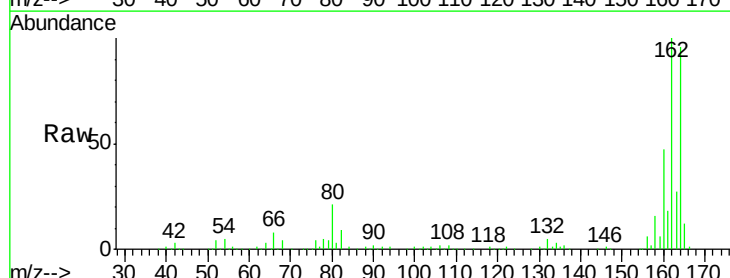
Tgt Ion:164 Resp: 218556

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

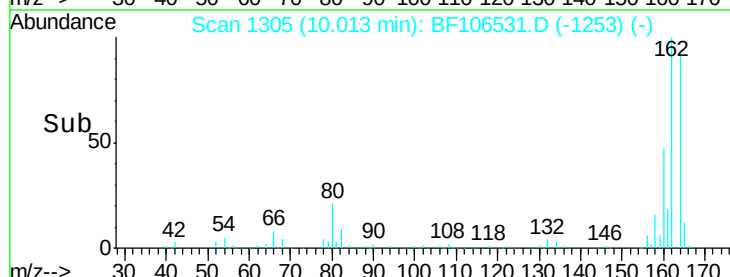
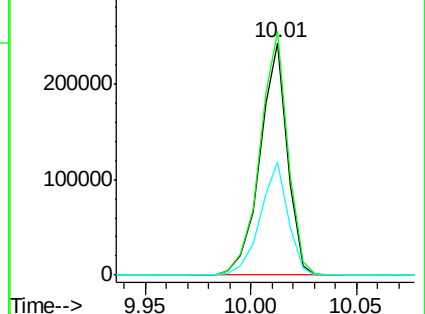
160 48.8 38.3 57.5

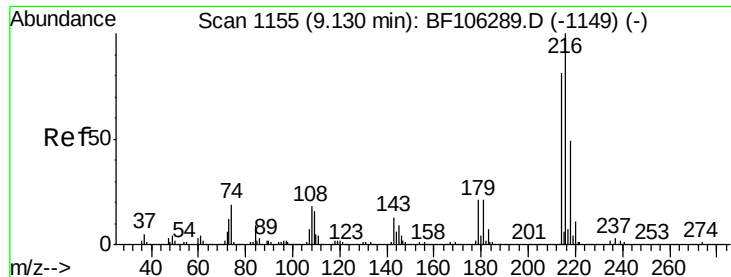


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

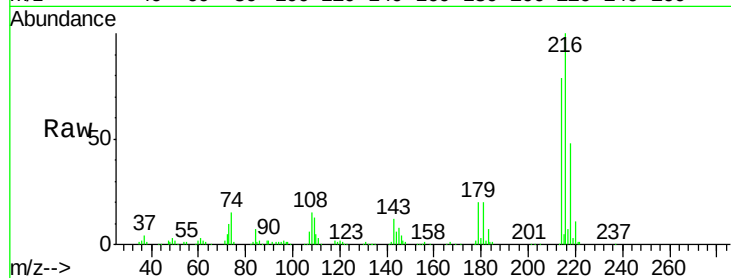




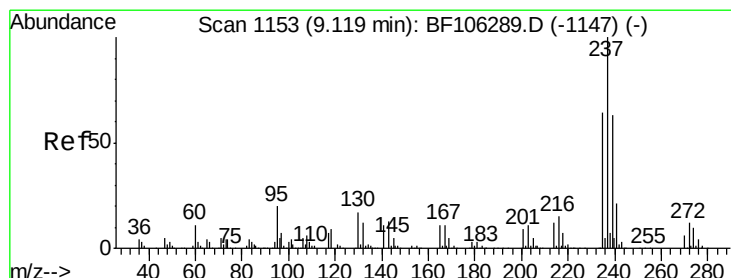
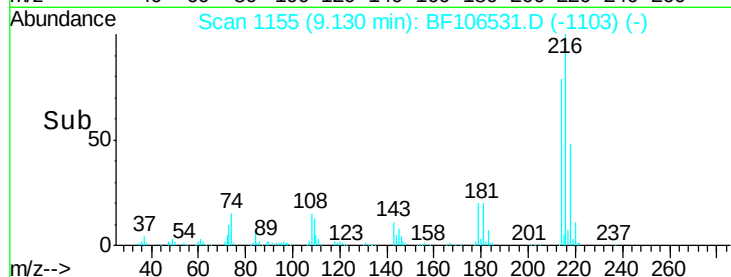
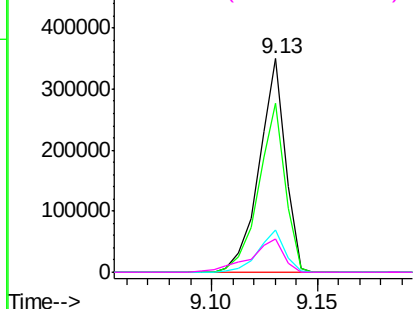
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.537 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tgt Ion:	216	Resp:	301796
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	19.9	18.1	27.1
108	19.7	17.2	25.8

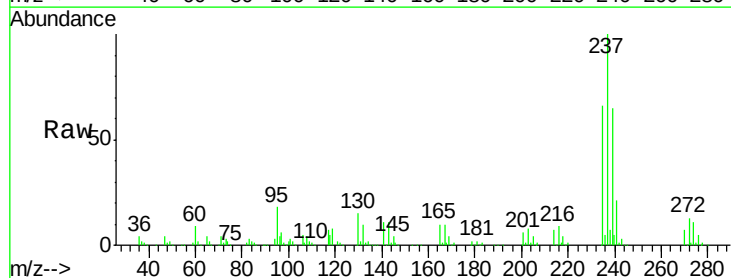


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

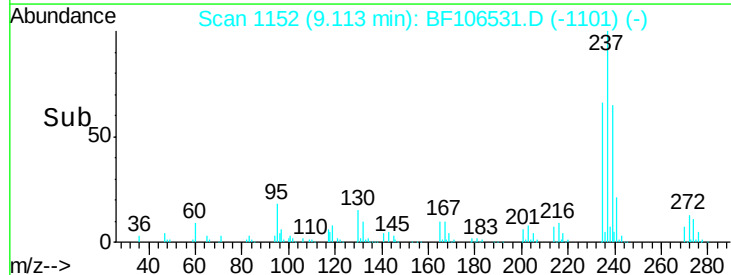
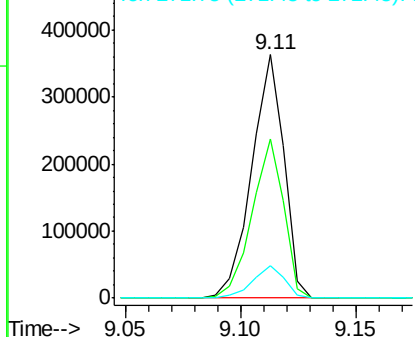


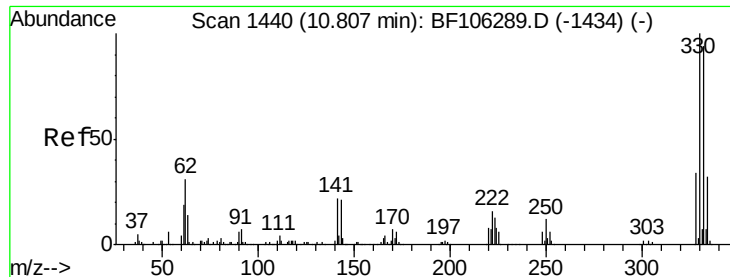
#40
 Hexachlorocyclopentadiene
 Concen: 90.331 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion:	237	Resp:	353600
Ion	Ratio	Lower	Upper
237	100		
235	65.6	44.8	84.8
272	13.4	0.0	33.3



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

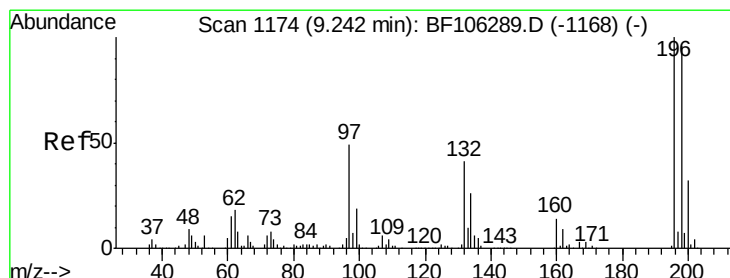
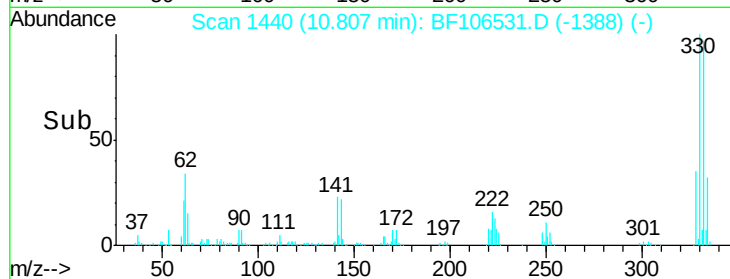
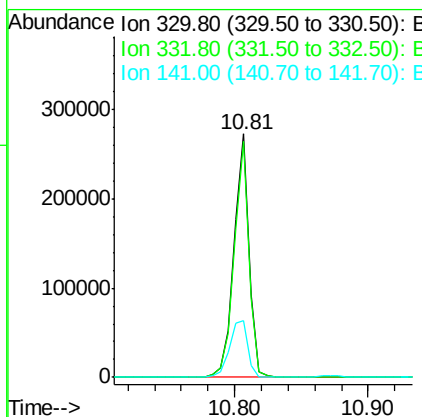
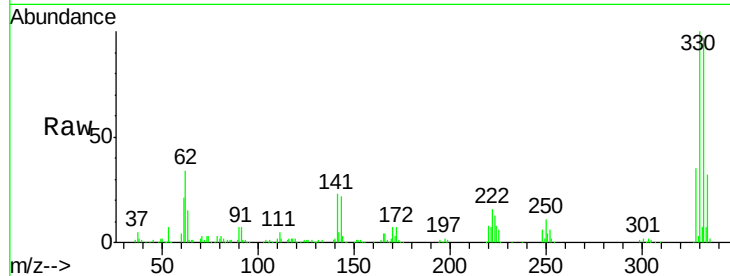




#41
 2,4,6-Tribromophenol
 Concen: 103.848 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

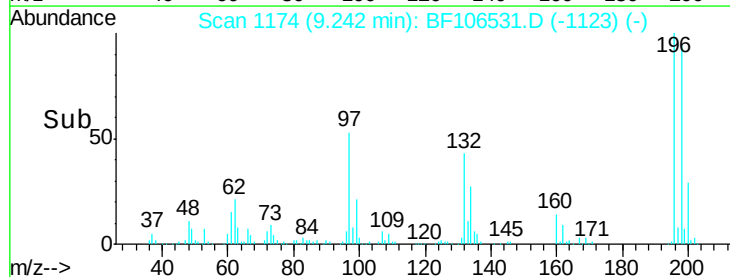
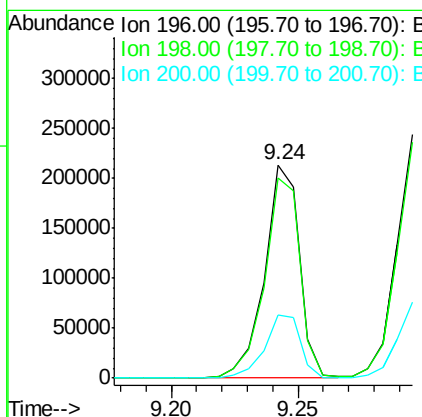
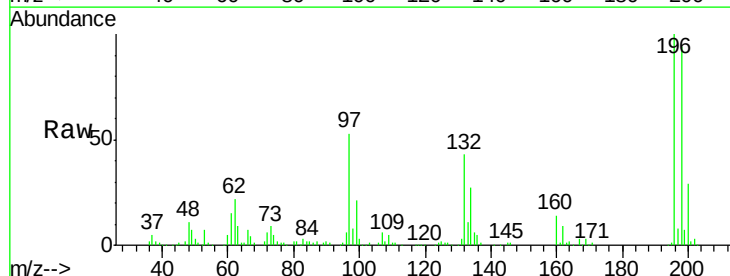
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

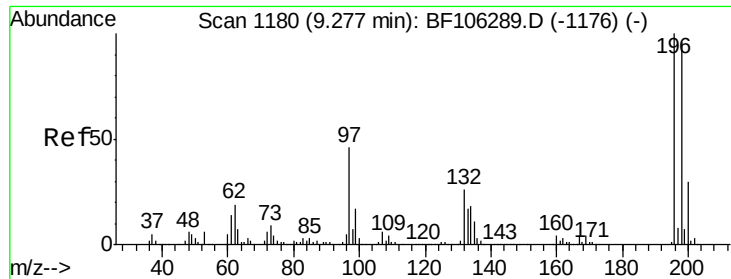
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.753 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
200	29.3	24.5	36.7

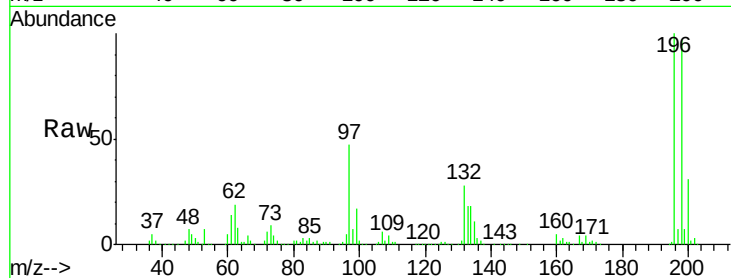




#43
 2,4,5-Trichlorophenol
 Concen: 43.763 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	47.2	42.9	64.3
132	27.7	26.3	39.5



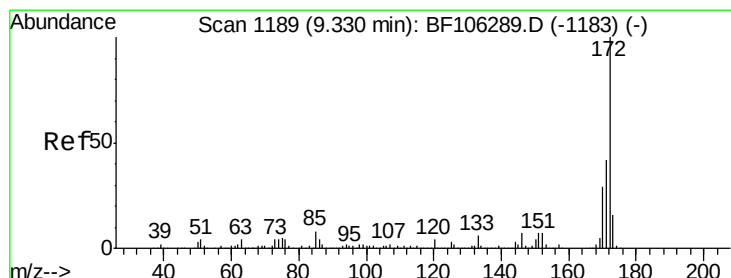
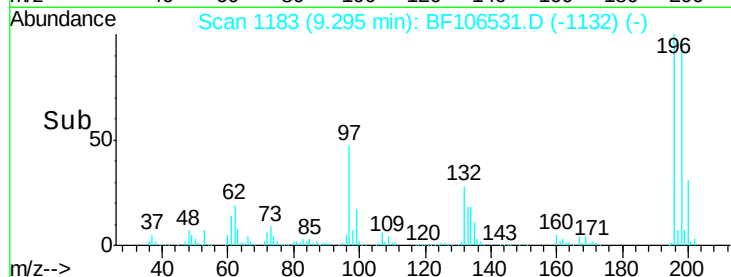
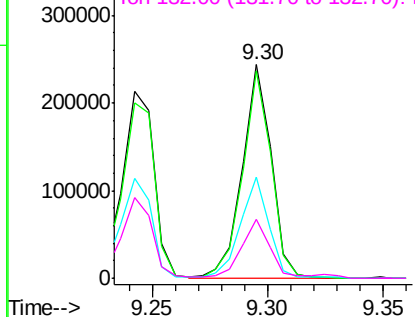
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

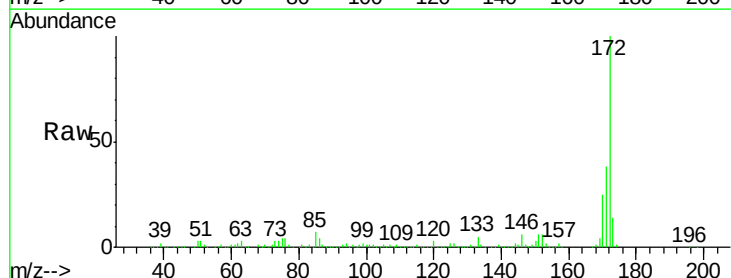
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.512 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	19.6	29.4

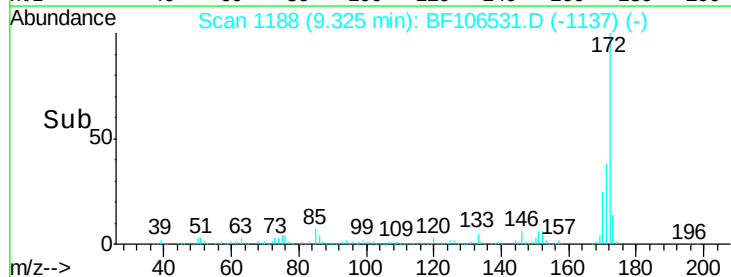
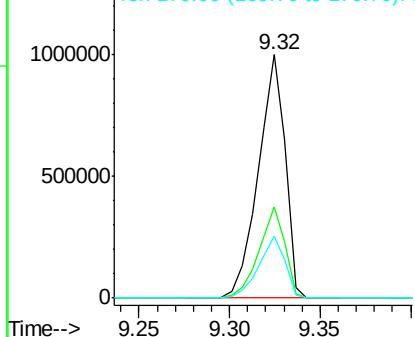


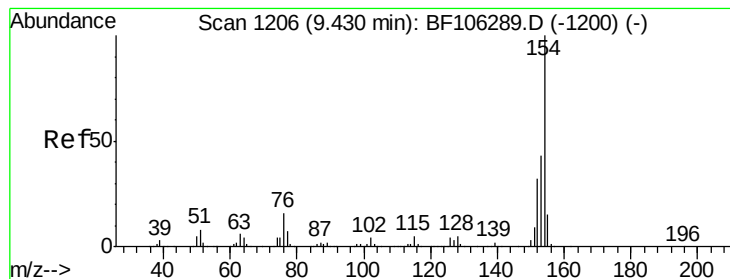
Abundance

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: 42.316 ng

RT: 9.43 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

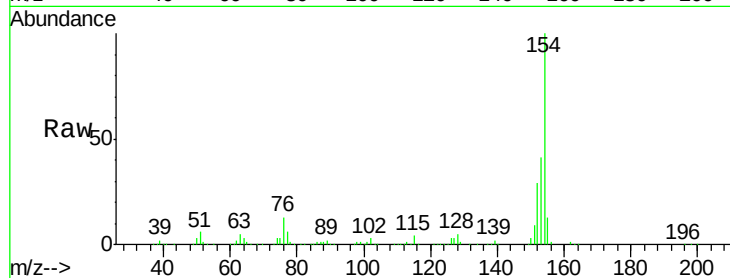
Tgt Ion:154 Resp: 716330

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

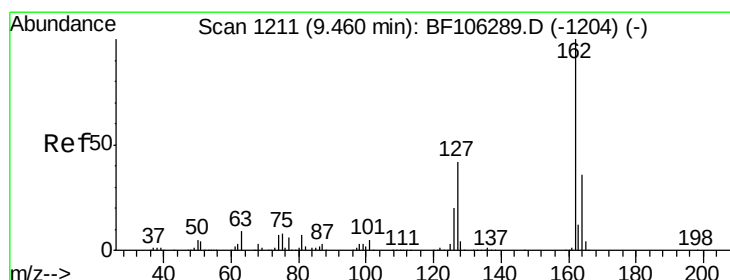
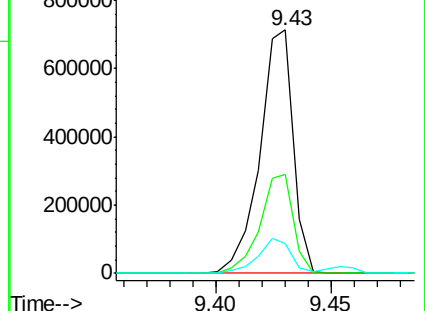
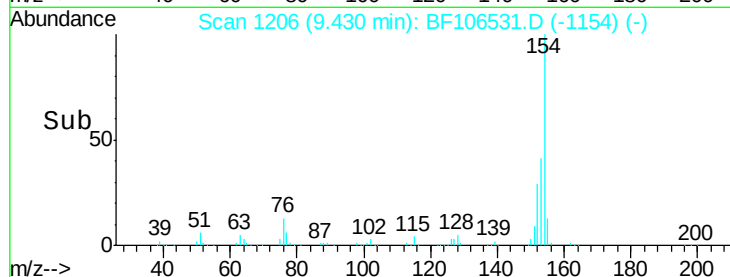
76 12.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.155 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

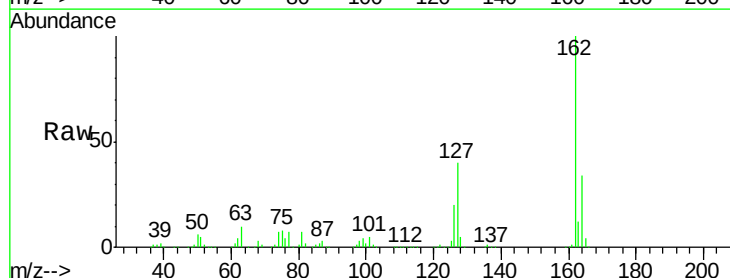
Tgt Ion:162 Resp: 571074

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

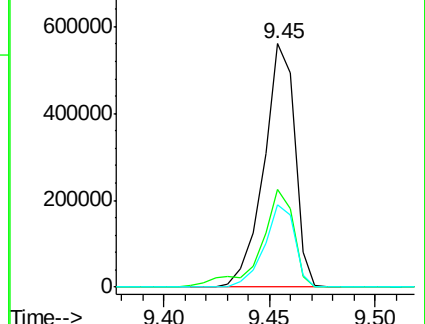
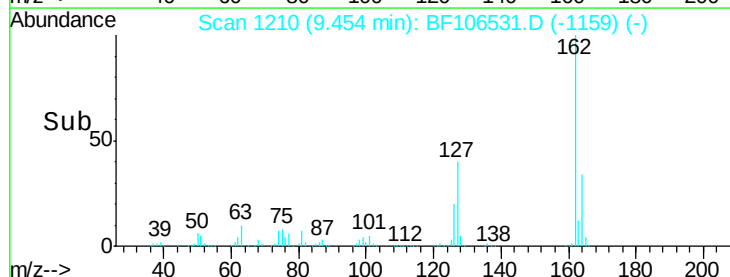
164 33.8 26.5 39.7

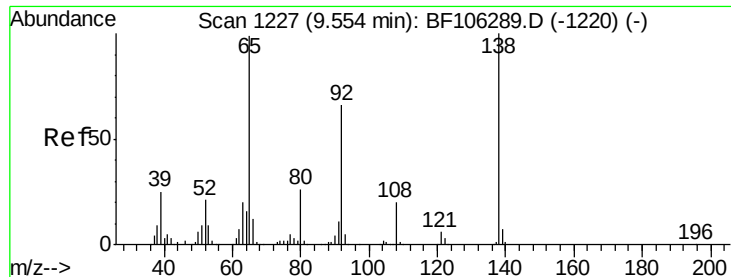


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

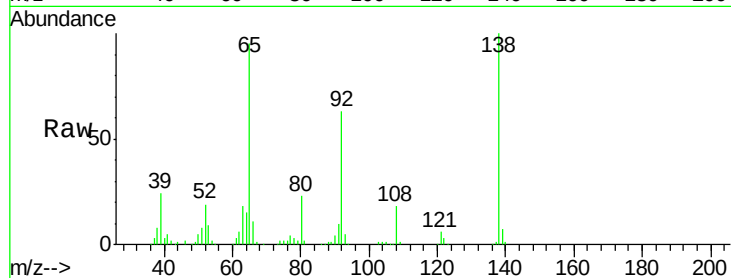




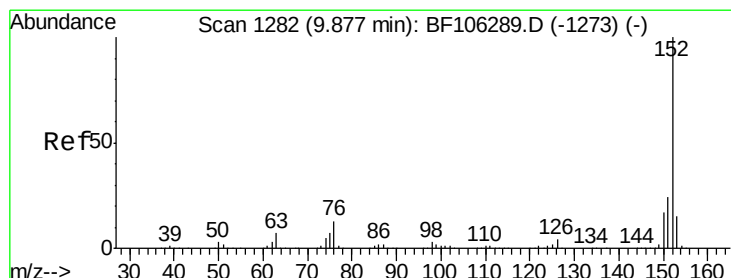
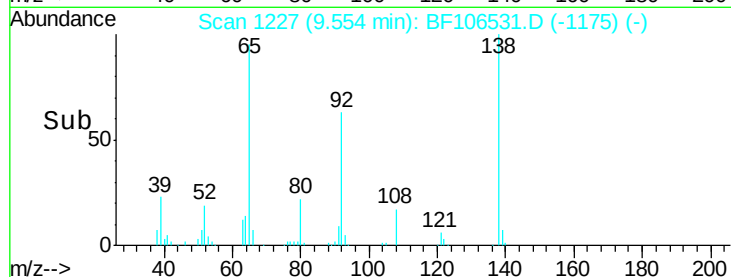
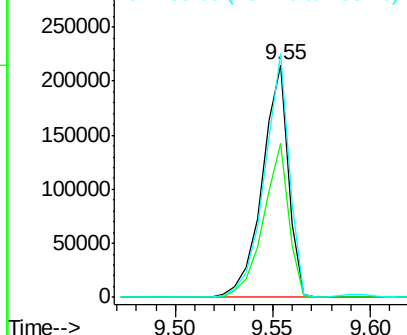
#47
2-Nitroaniline
Concen: 46.544 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	55.8	83.6
138	104.9	91.2	136.8

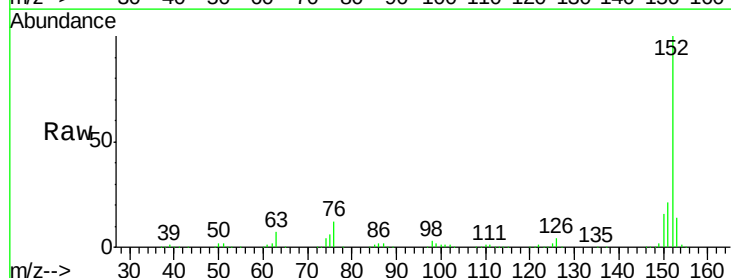


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

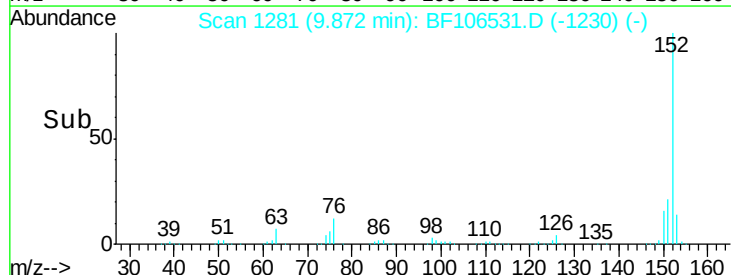
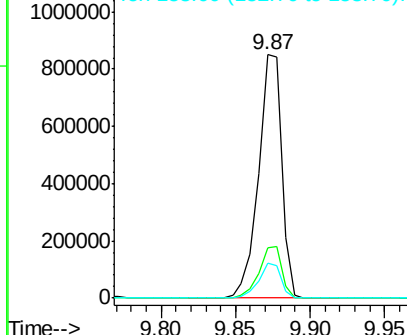


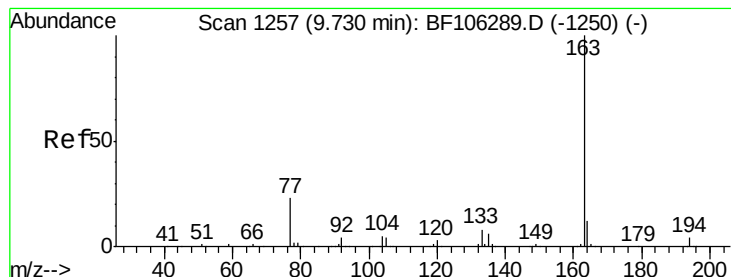
#48
Acenaphthylene
Concen: 43.822 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.1	10.7	16.1



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





#49

Dimethylphthalate

Concen: 43.248 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

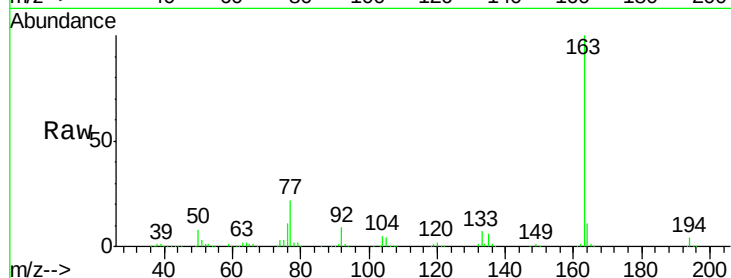
Tgt Ion:163 Resp: 675294

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

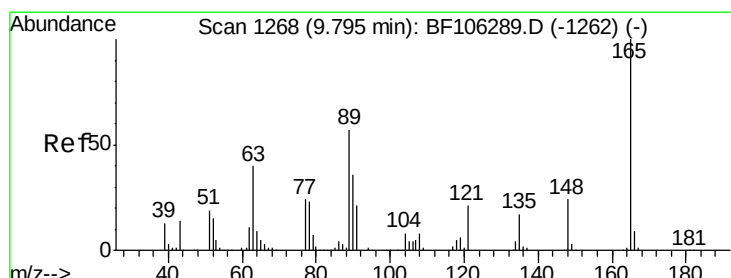
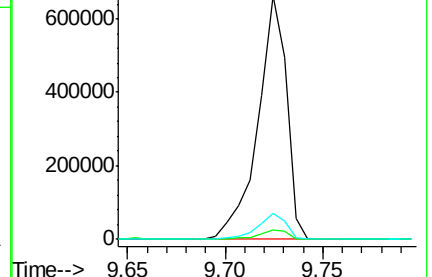
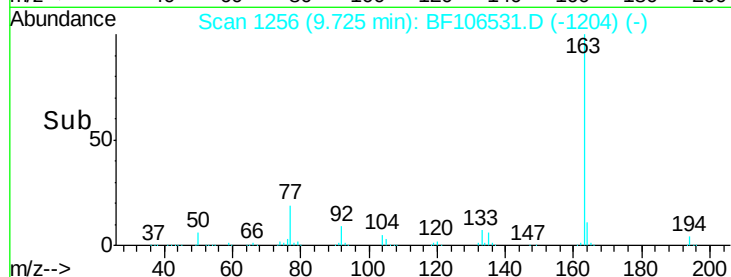
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.205 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

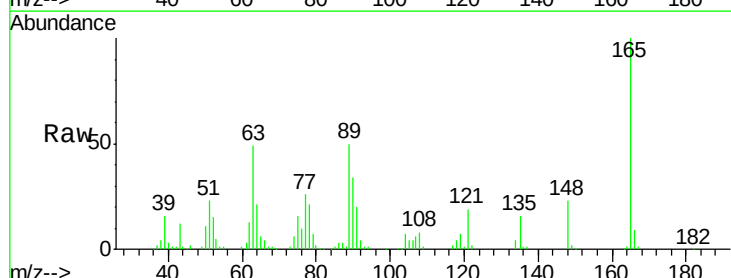
Tgt Ion:165 Resp: 150564

Ion Ratio Lower Upper

165 100

63 49.0 44.7 67.1

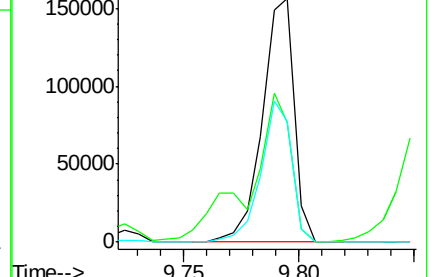
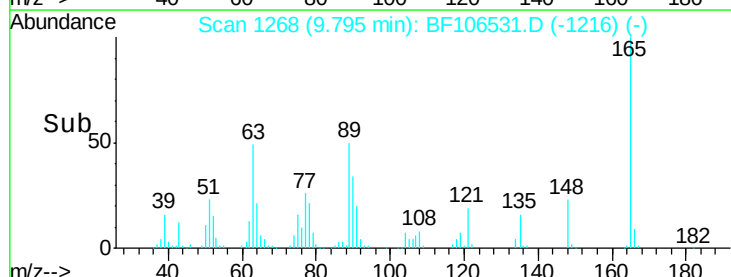
89 49.8 44.0 66.0

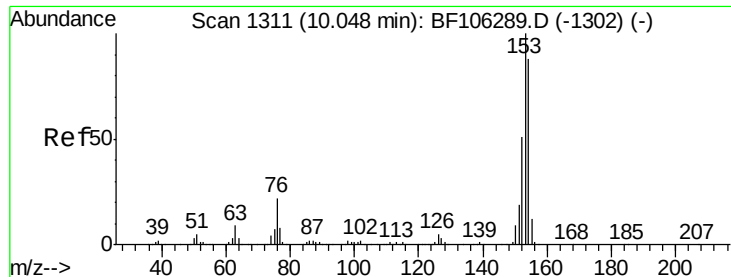


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

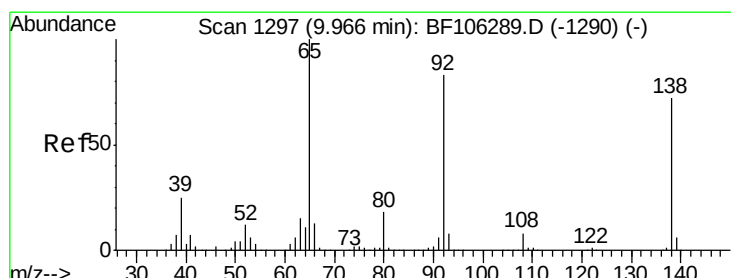
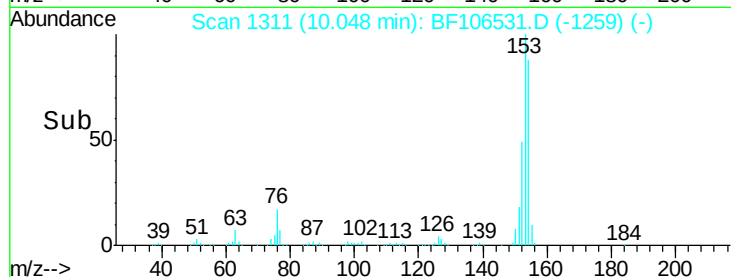
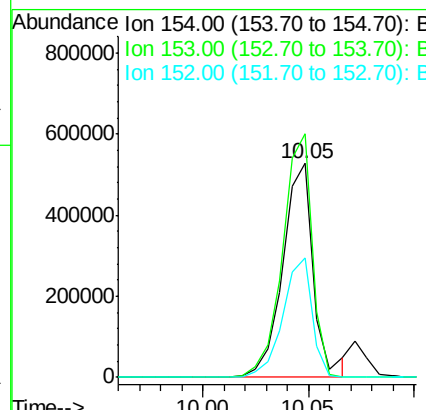
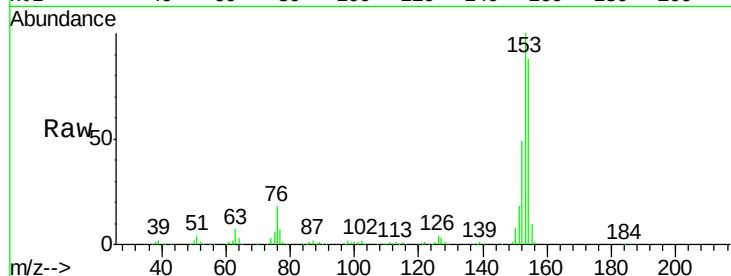




#51
Acenaphthene
Concen: 40.022 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

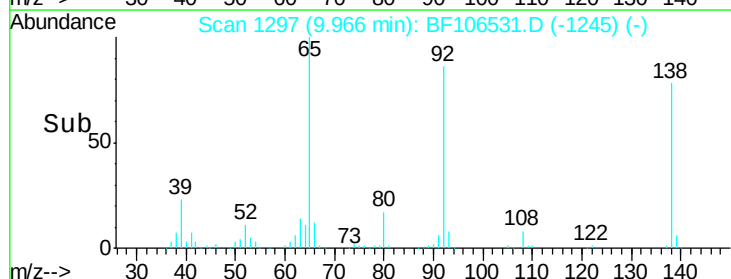
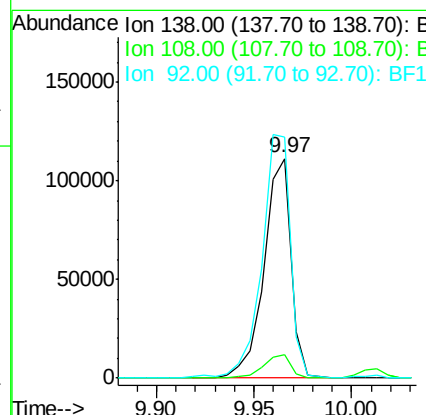
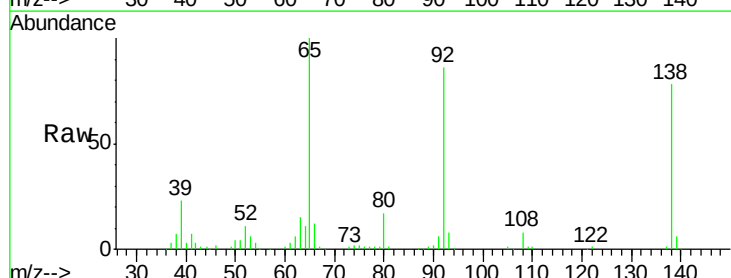
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

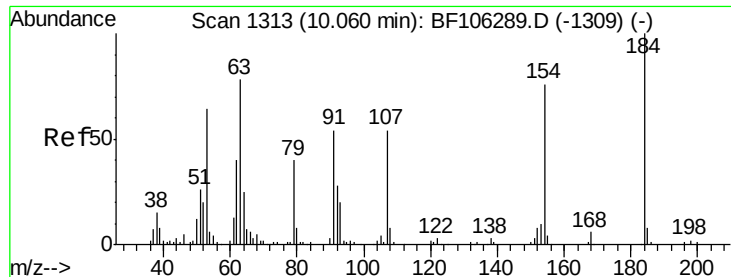
Tgt Ion:154 Resp: 535939
Ion Ratio Lower Upper
154 100
153 113.8 91.2 136.8
152 55.6 43.8 65.8



#52
3-Nitroaniline
Concen: 28.232 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:138 Resp: 106876
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 109.6 89.4 134.2

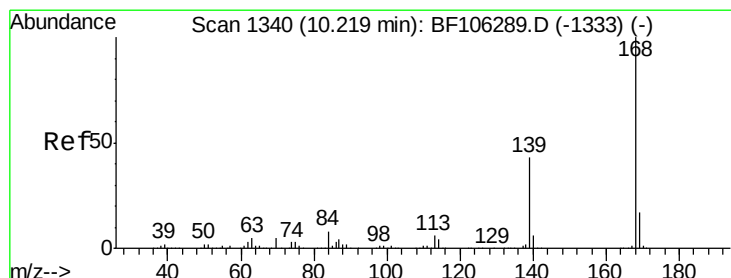
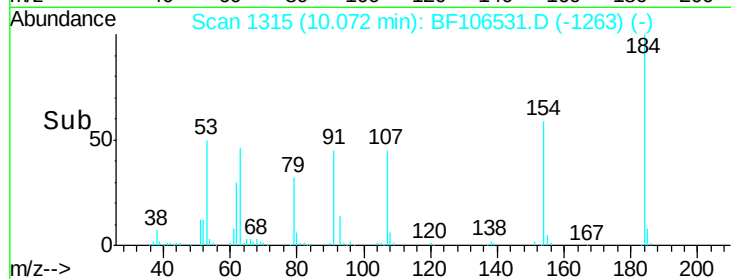
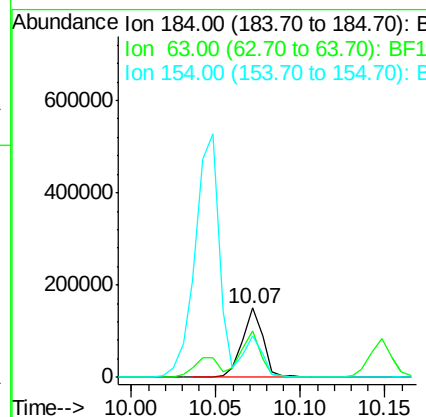
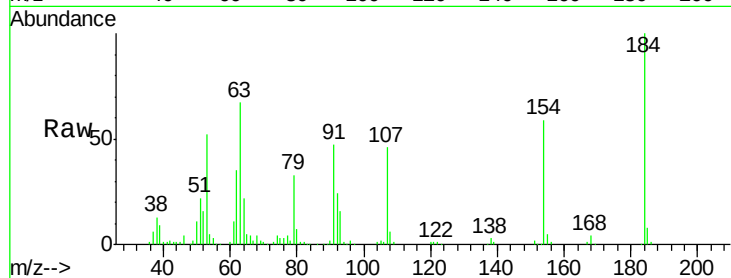




#53
2,4-Dinitrophenol
Concen: 87.900 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

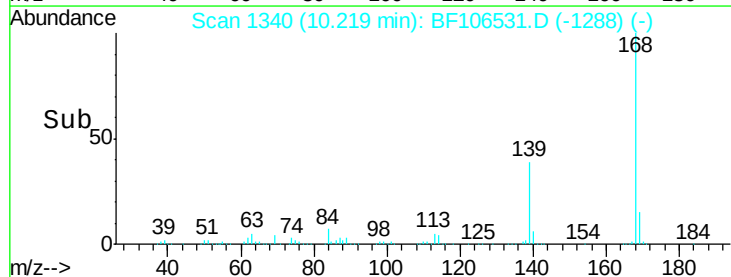
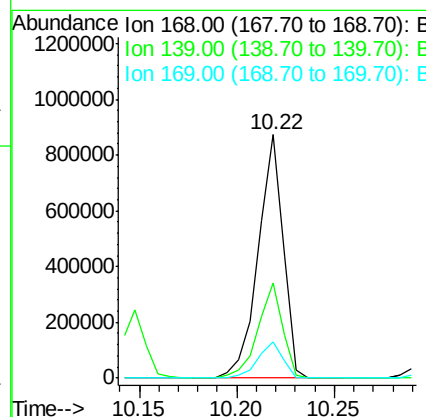
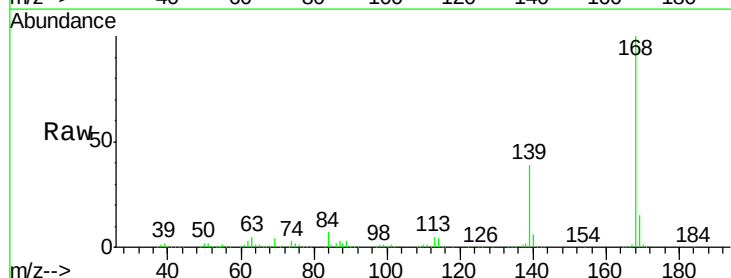
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

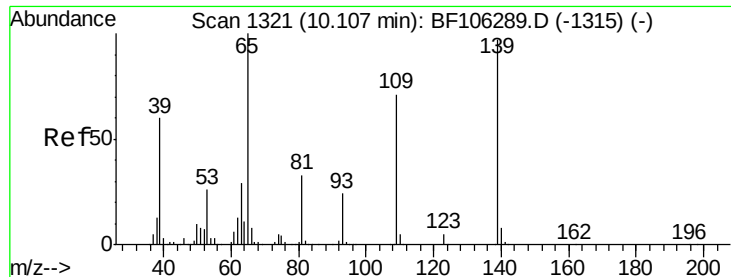
Tgt Ion:184 Resp: 130116
Ion Ratio Lower Upper
184 100
63 67.1 54.2 81.2
154 59.2 184.0 276.0#



#54
Dibenzofuran
Concen: 43.019 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:168 Resp: 775731
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 15.1 10.9 16.3

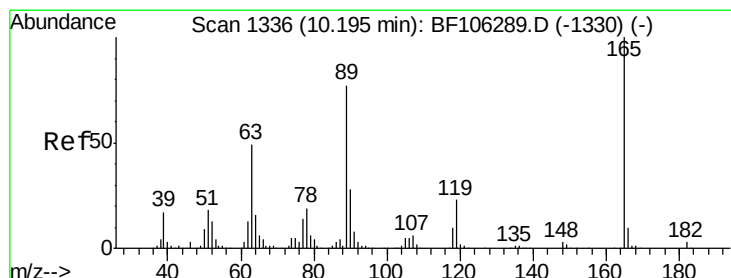
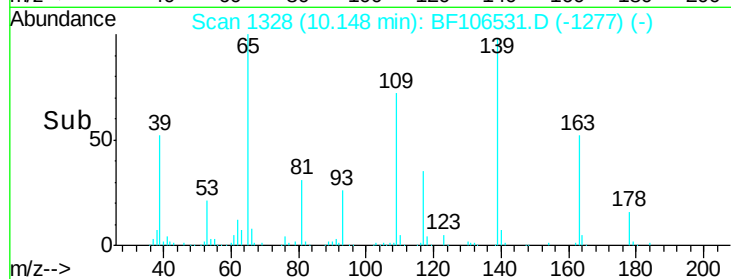
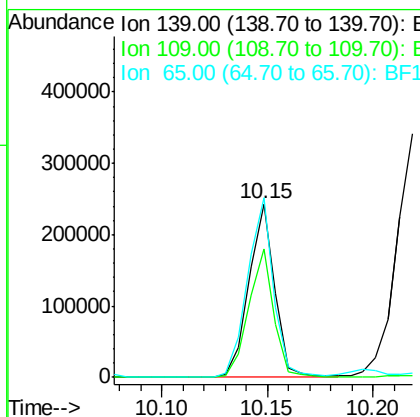
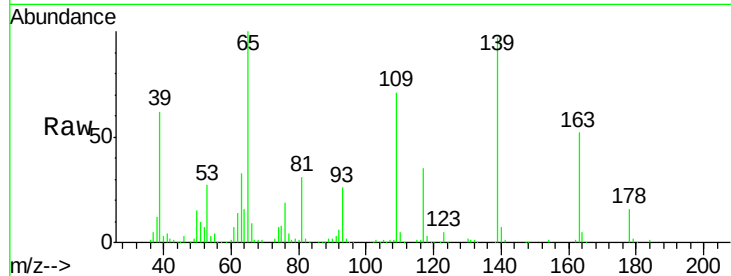




#55
4-Nitrophenol
Concen: 71.033 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

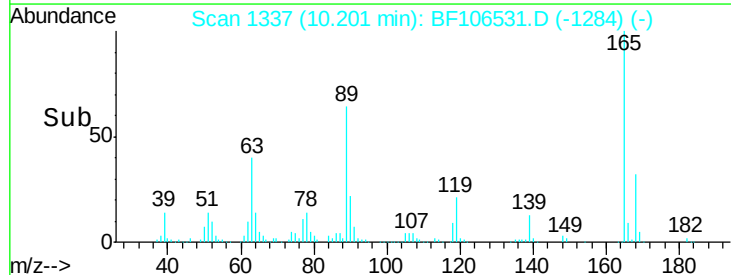
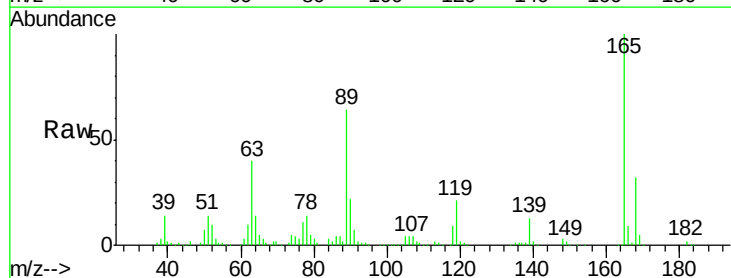
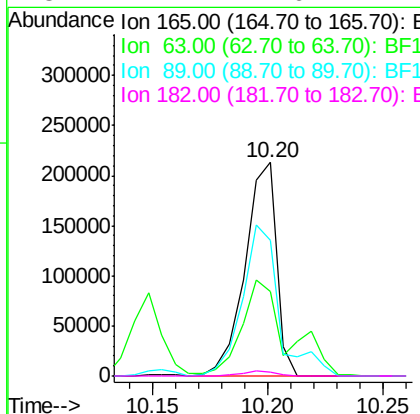
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

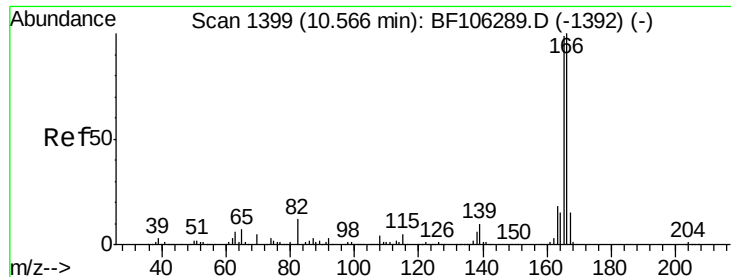
Tgt Ion:139 Resp: 206113
Ion Ratio Lower Upper
139 100
109 73.8 48.4 88.4
65 103.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.971 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:165 Resp: 204153
Ion Ratio Lower Upper
165 100
63 39.8 36.4 54.6
89 63.8 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 42.178 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

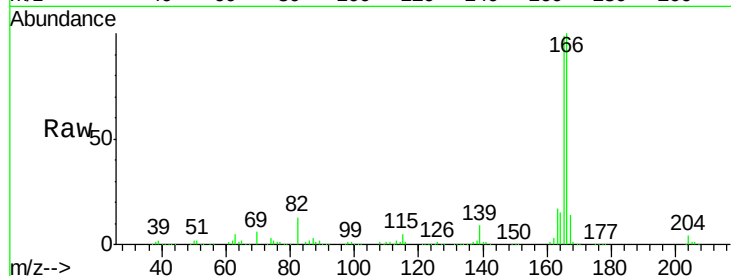
Tgt Ion:166 Resp: 602591

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

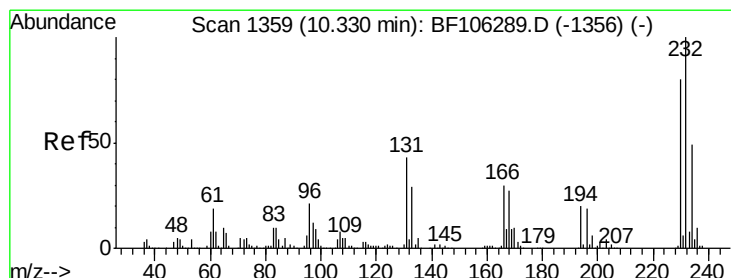
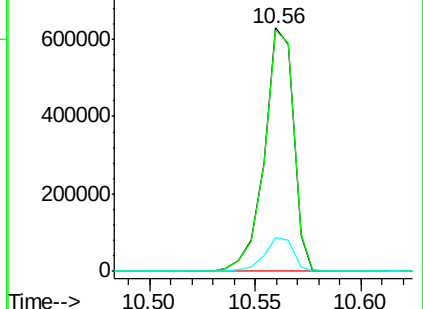
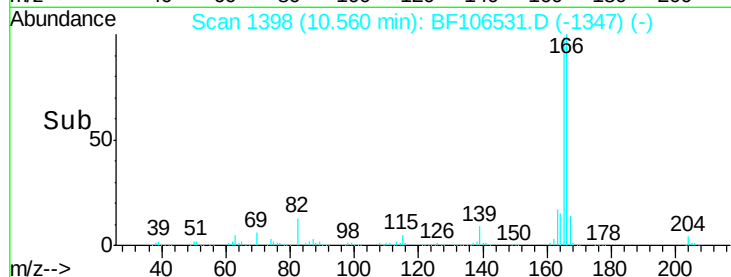
167 13.7 10.6 16.0



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: 45.864 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:232 Resp: 177185

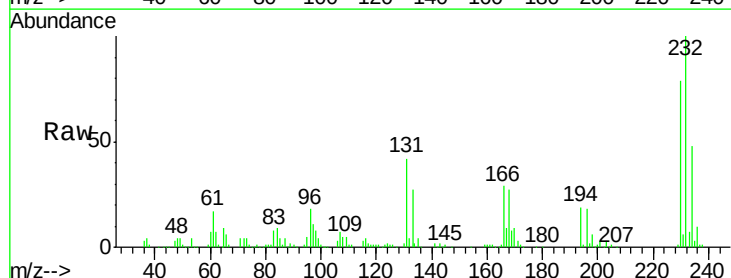
Ion Ratio Lower Upper

232 100

131 40.9 43.8 65.8#

130 2.0 2.1 3.1#

166 27.9 27.8 41.6

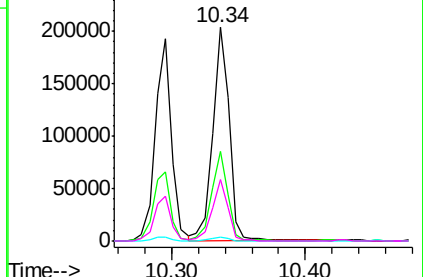
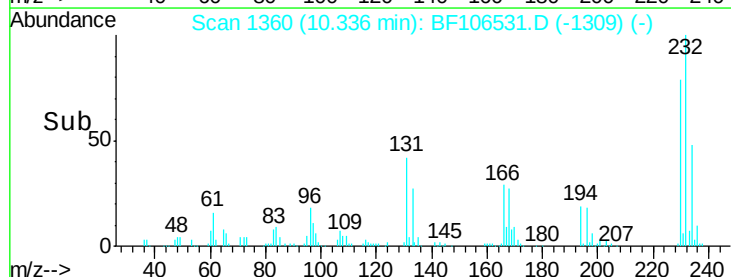


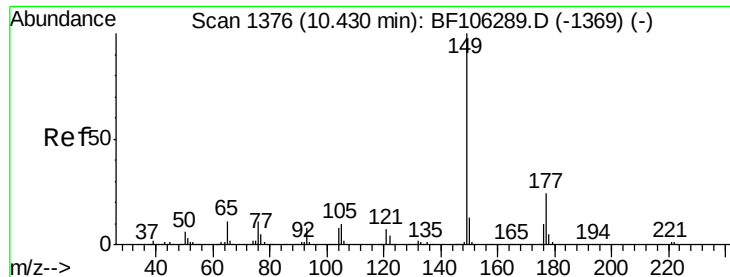
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

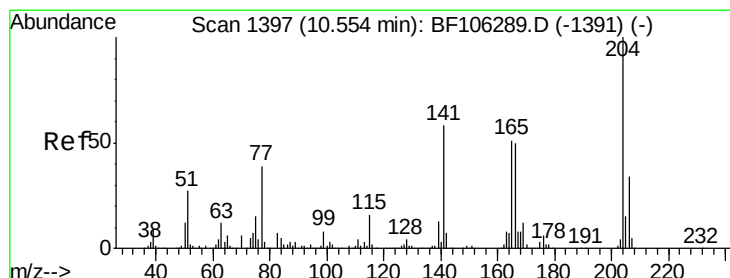
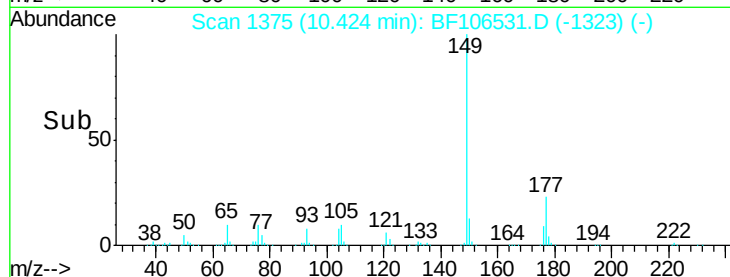
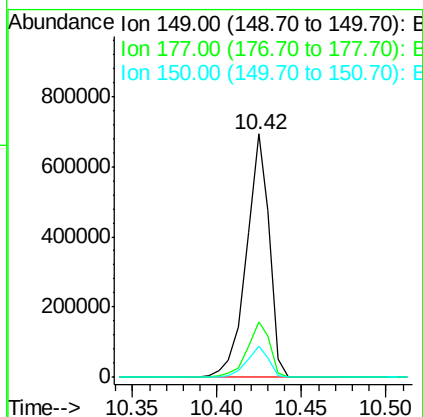
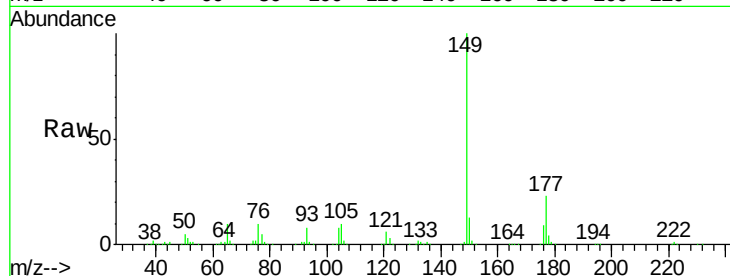




#59
Diethylphthalate
Concen: 42.043 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

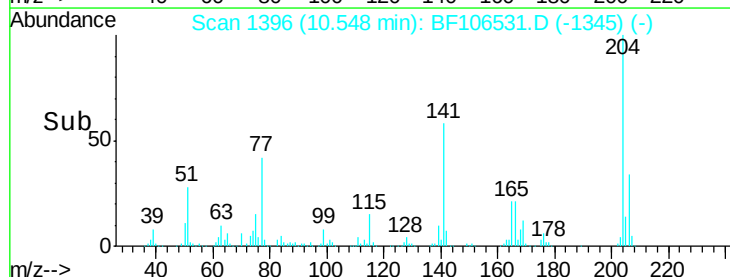
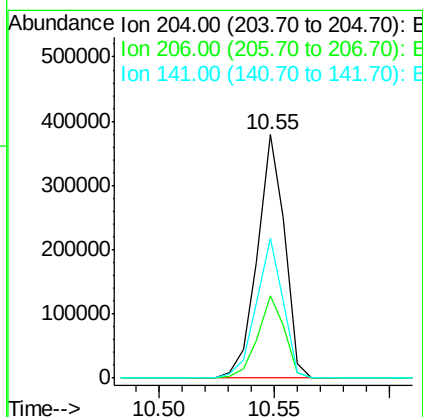
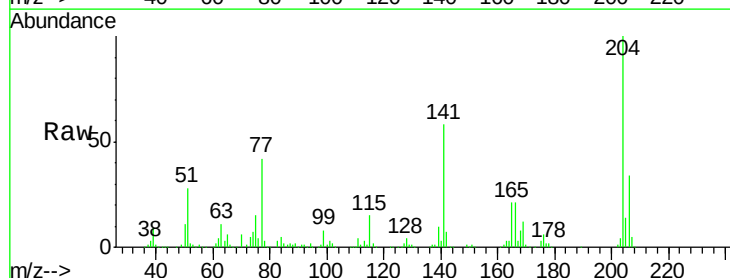
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

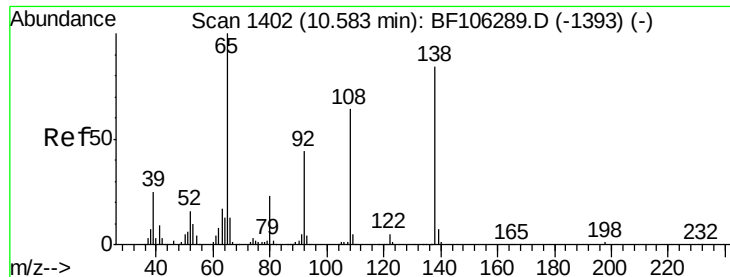
Tgt Ion:149 Resp: 651604
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.751 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:204 Resp: 313736
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.6 54.6 81.8

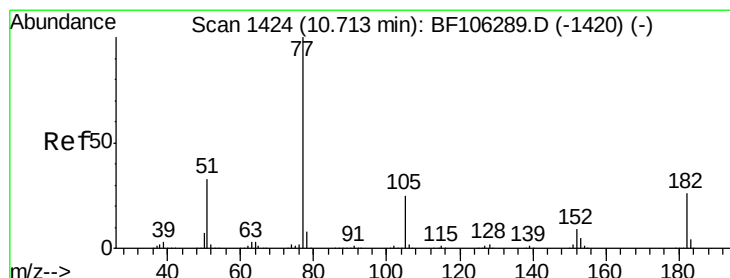
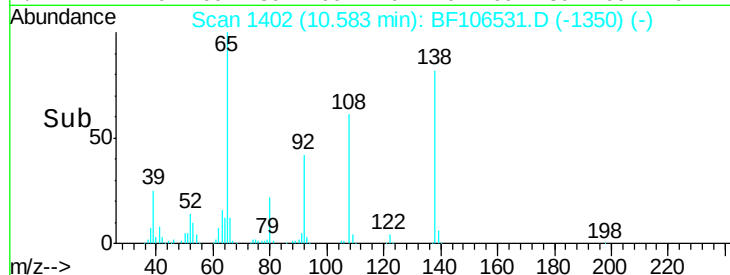
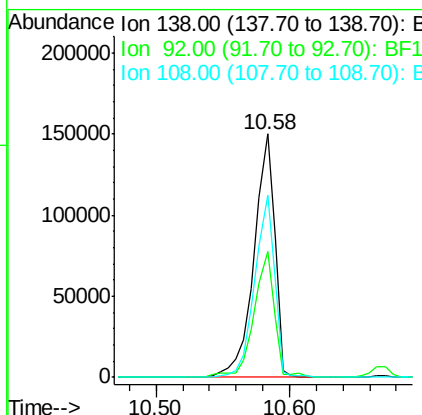
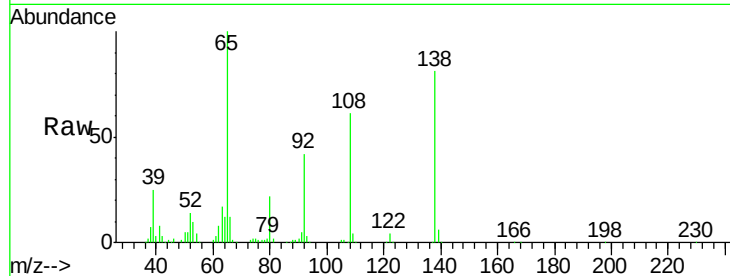




#61
4-Nitroaniline
Concen: 43.343 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

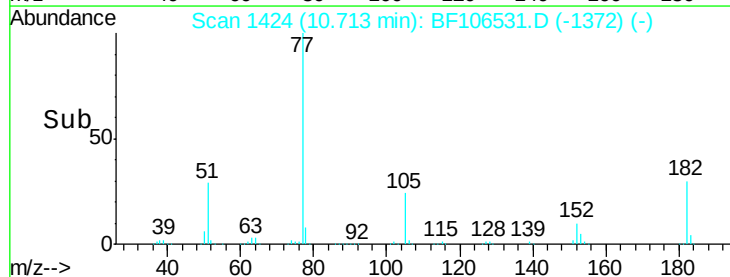
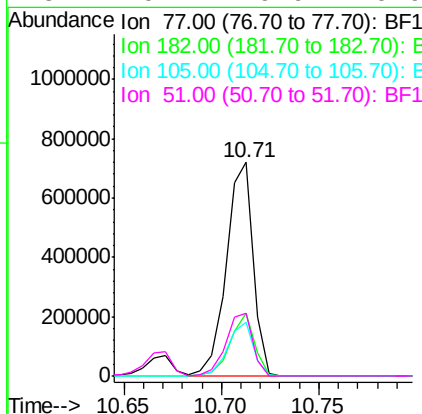
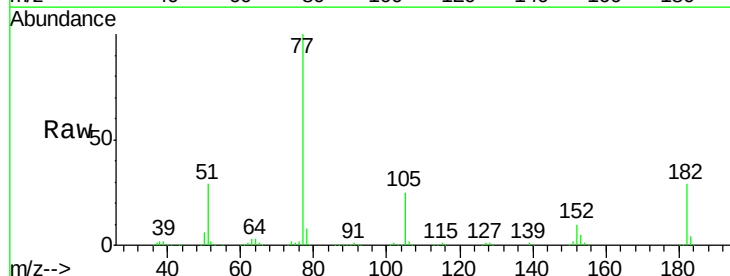
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

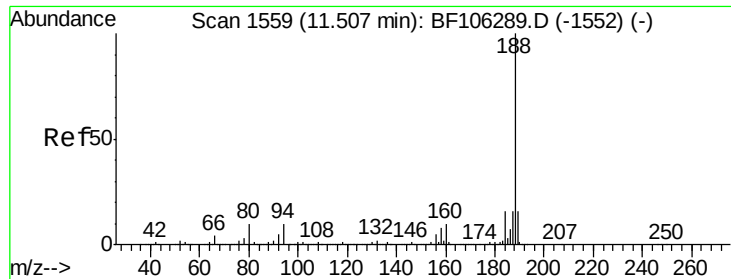
Tgt Ion:138 Resp: 159639
Ion Ratio Lower Upper
138 100
92 51.5 30.2 70.2
108 75.0 52.5 92.5



#62
Azobenzene
Concen: 42.330 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion: 77 Resp: 684071
Ion Ratio Lower Upper
77 100
182 29.5 1.7 41.7
105 25.1 3.0 43.0
51 29.4 9.9 49.9

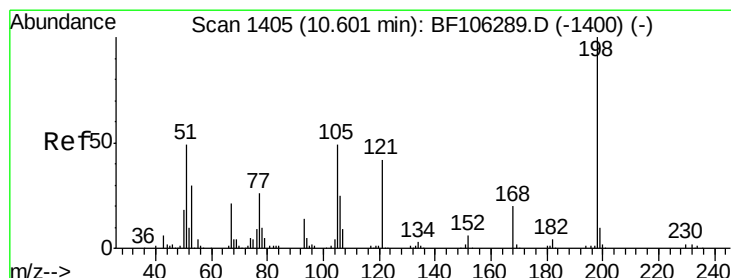
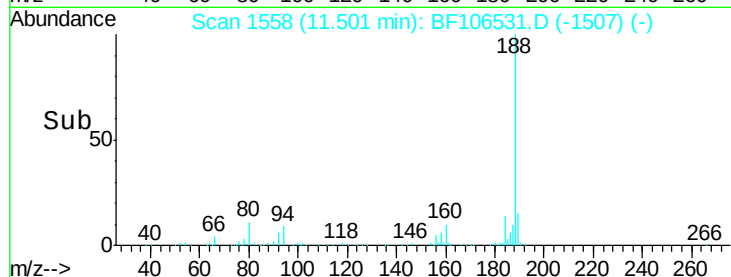
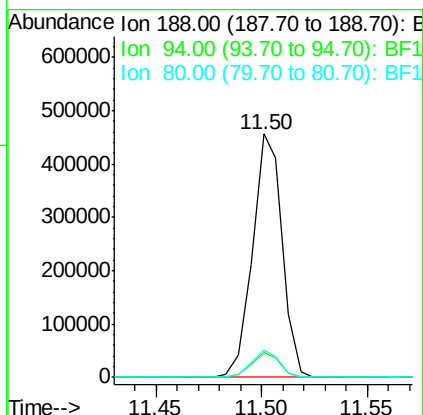
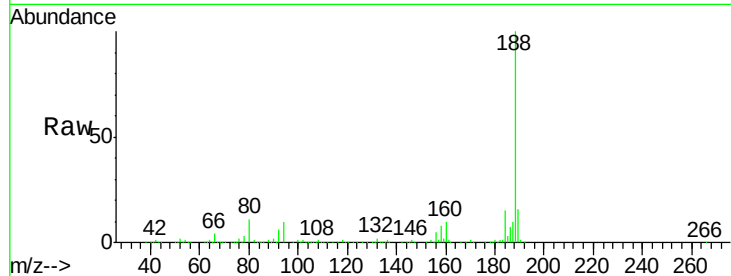




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

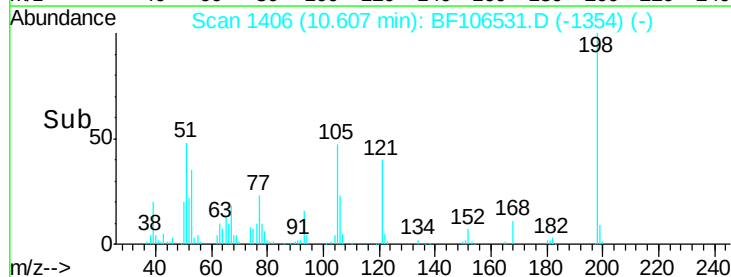
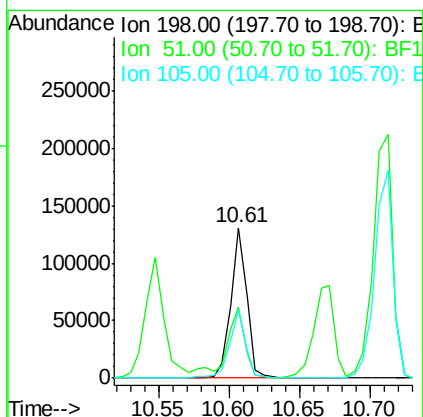
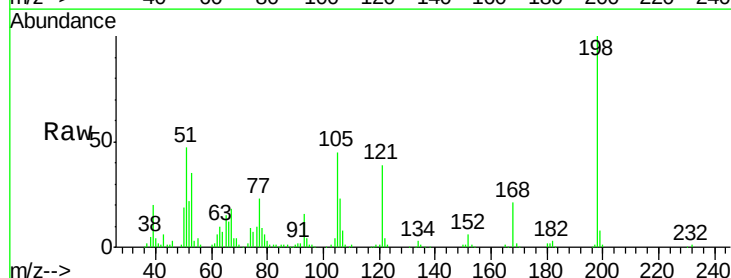
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

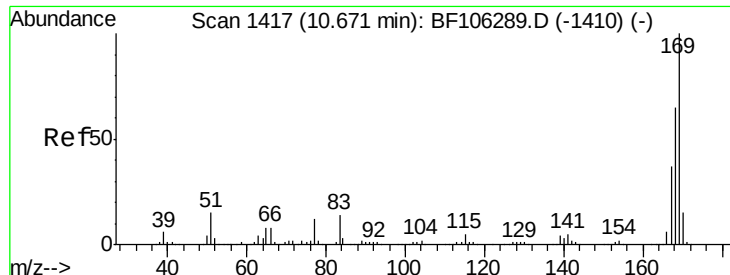
Tgt Ion:188 Resp: 444395
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.893 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:198 Resp: 103738
Ion Ratio Lower Upper
198 100
51 46.8 37.7 77.7
105 45.3 36.3 76.3

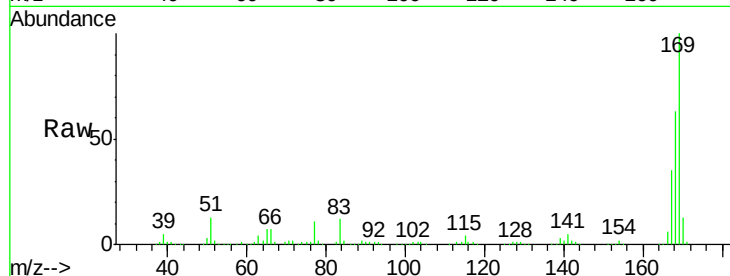




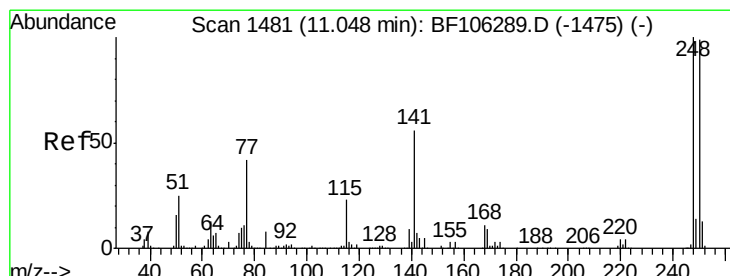
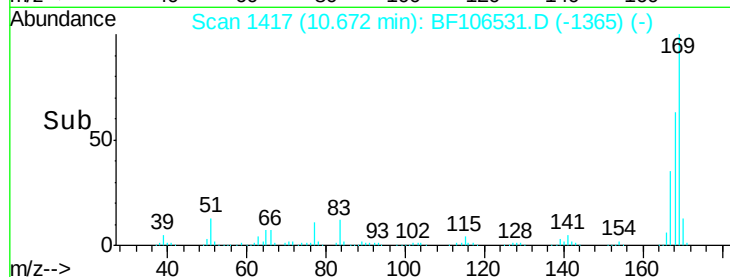
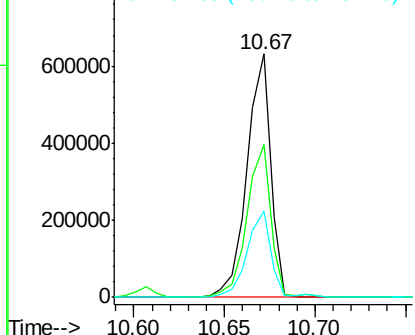
#65
n-Nitrosodiphenylamine
Concen: 38.457 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tgt Ion:169 Resp: 574370
Ion Ratio Lower Upper
169 100
168 62.9 54.4 81.6
167 35.2 29.8 44.6

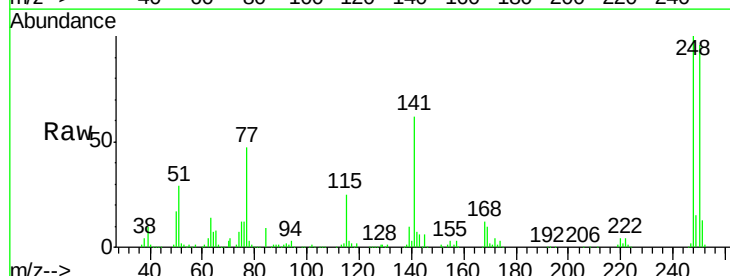


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

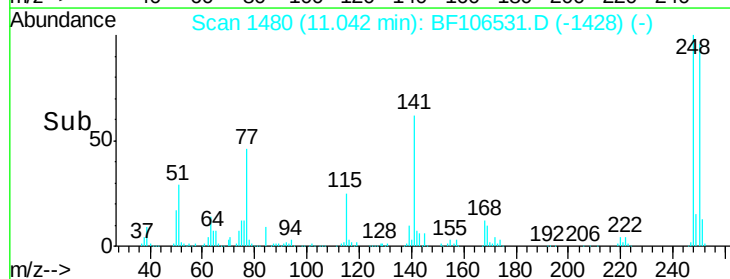
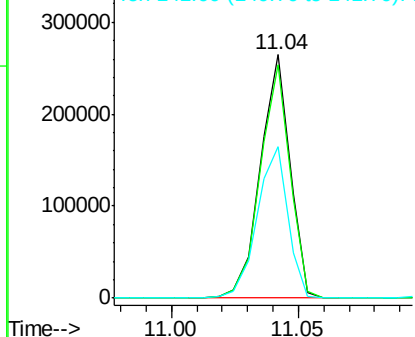


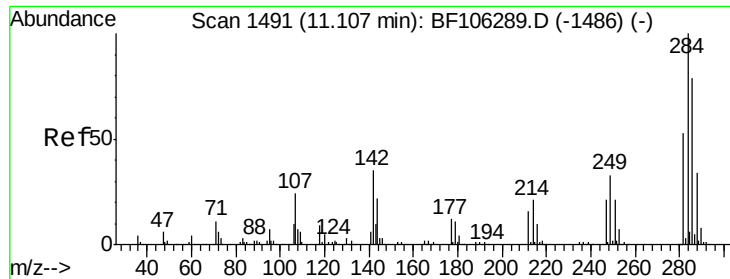
#66
4-Bromophenyl-phenylether
Concen: 43.017 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:248 Resp: 217429
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 62.3 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: 43.187 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

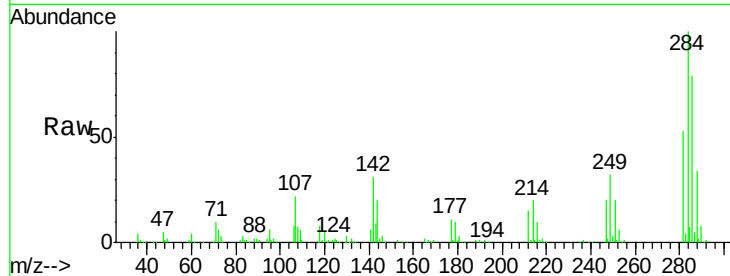
Tgt Ion:284 Resp: 225043

Ion Ratio Lower Upper

284 100

142 30.9 34.6 52.0#

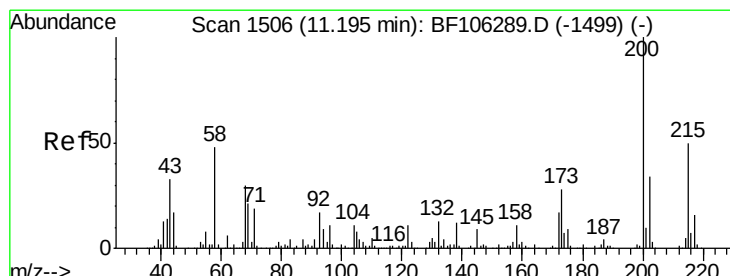
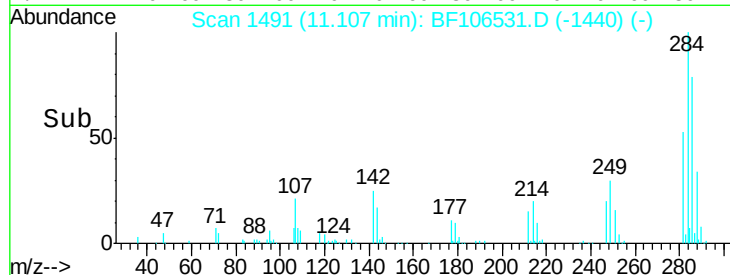
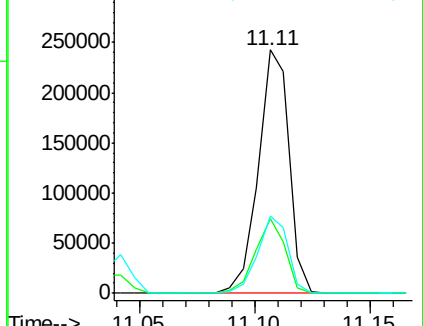
249 31.8 24.8 37.2



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: 42.874 ng

RT: 11.20 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

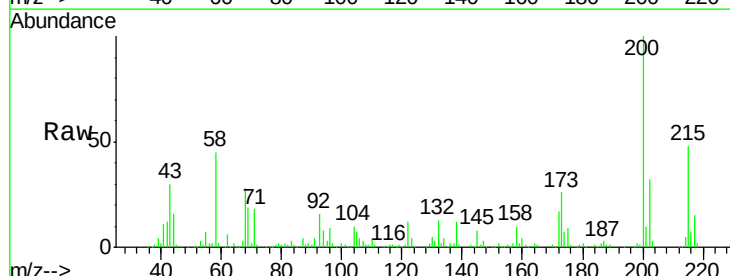
Tgt Ion:200 Resp: 197334

Ion Ratio Lower Upper

200 100

173 26.4 8.6 48.6

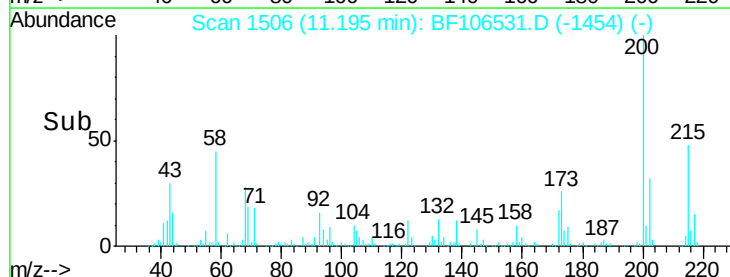
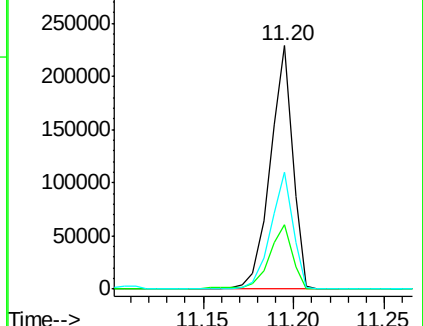
215 48.2 25.1 65.1

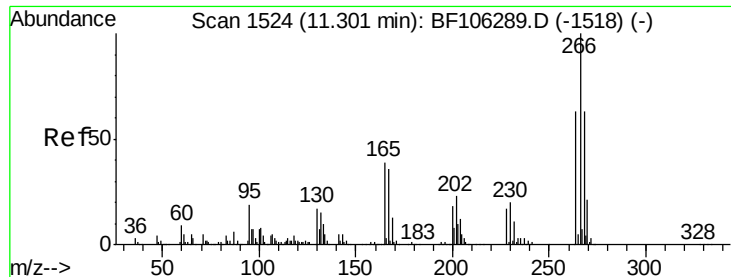


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

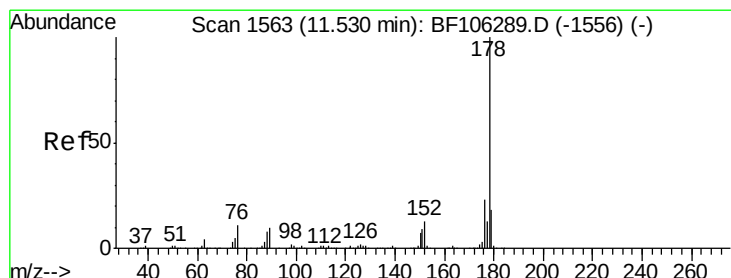
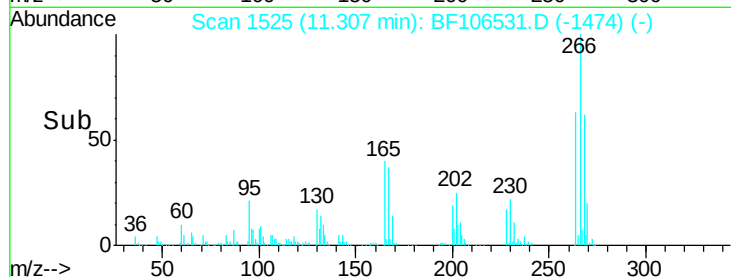
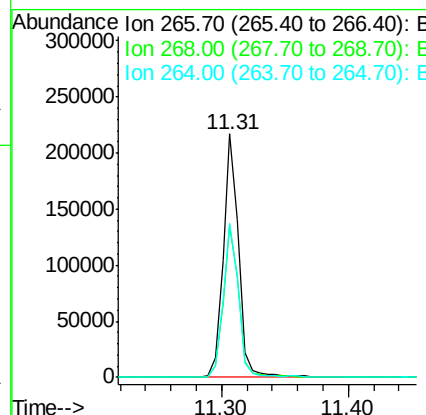
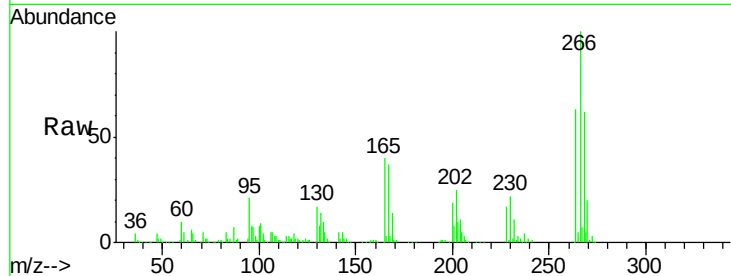




#69
 Pentachlorophenol
 Concen: 57.881 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

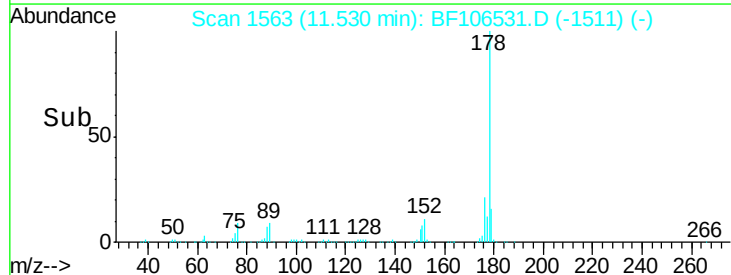
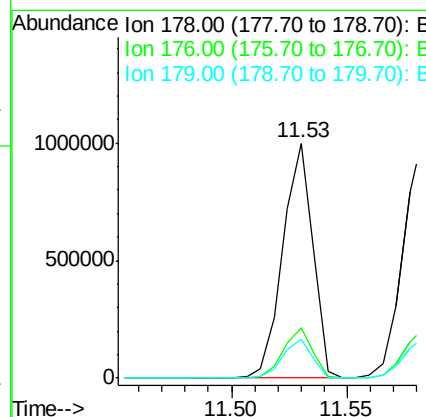
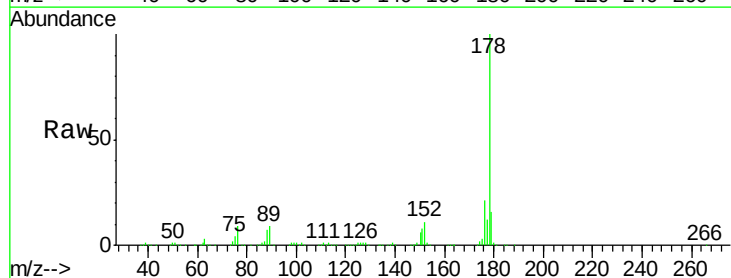
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

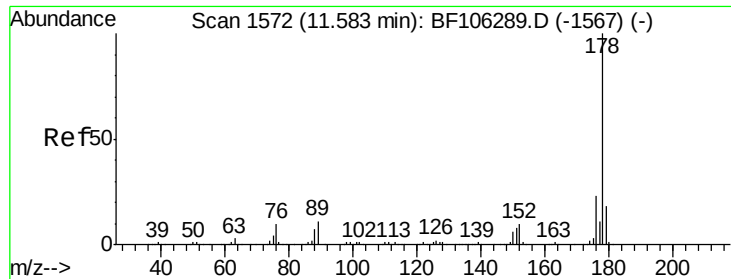
Tgt Ion: 266 Resp: 185693
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 41.275 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion: 178 Resp: 898291
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.8 23.8
 179 16.3 13.0 19.6

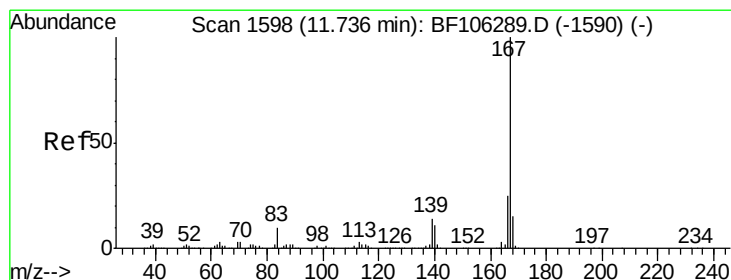
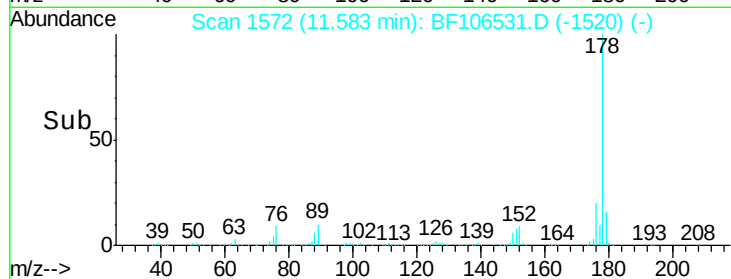
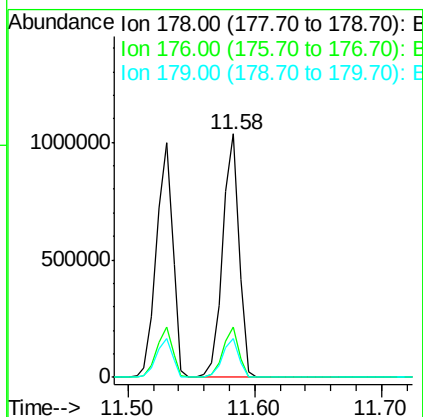
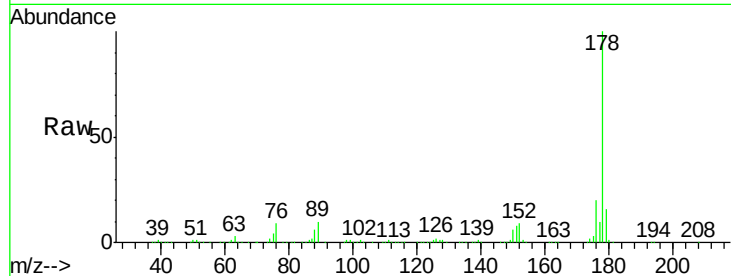




#71
 Anthracene
 Concen: 42.939 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

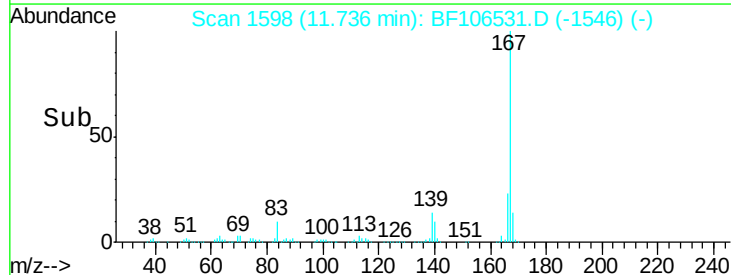
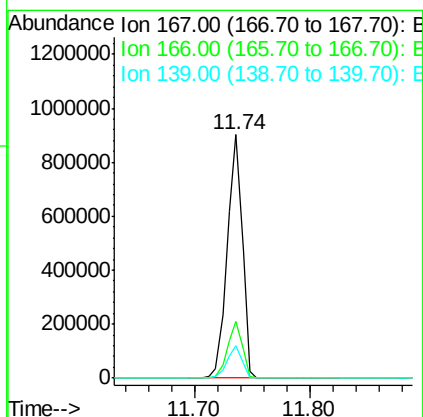
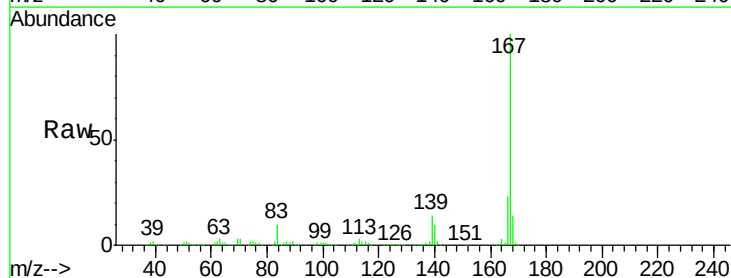
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

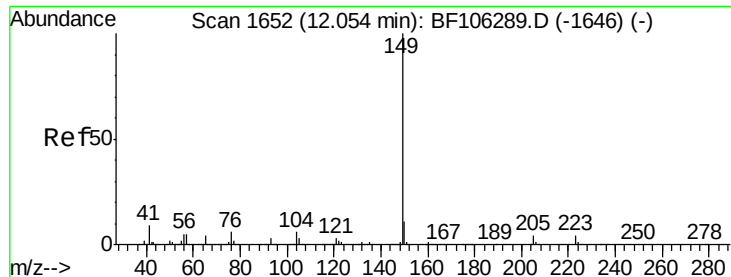
Tgt Ion:178 Resp: 936207
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 40.383 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion:167 Resp: 812875
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.846 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

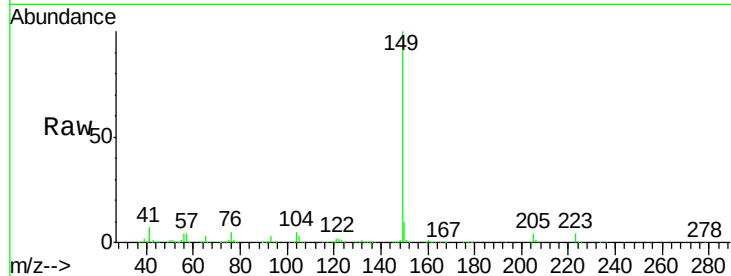
Tgt Ion:149 Resp: 982281

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

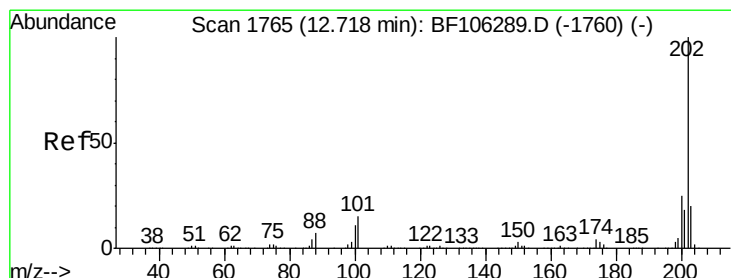
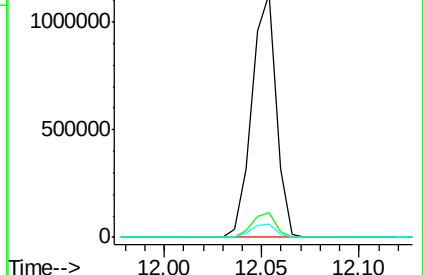
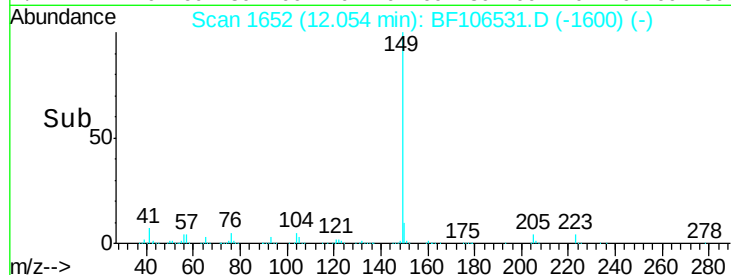
104 5.2 3.8 5.8



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: 42.560 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

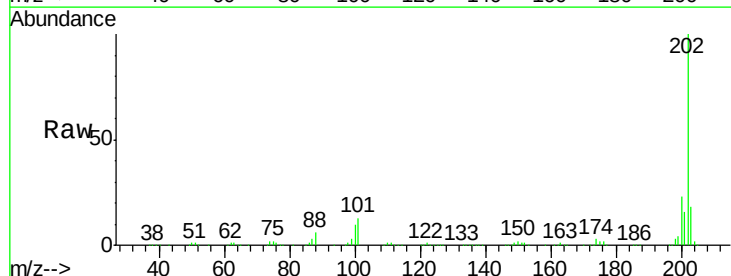
Tgt Ion:202 Resp: 987805

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

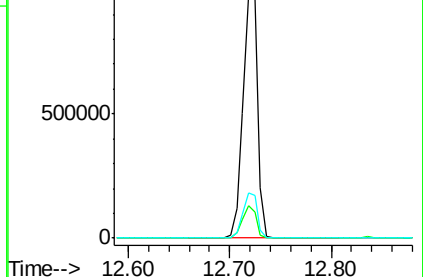
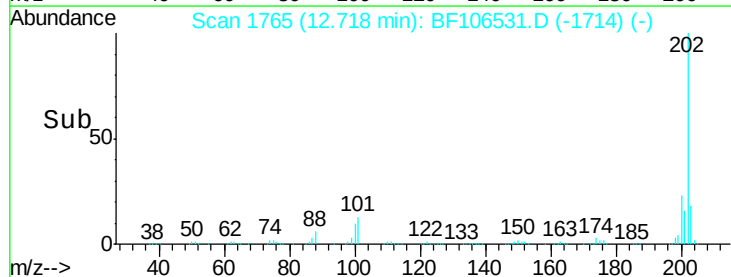
203 18.4 0.0 38.1

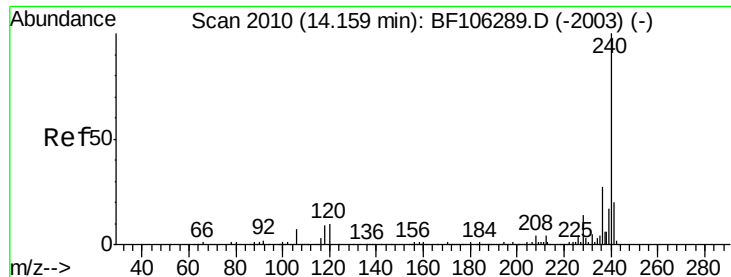


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

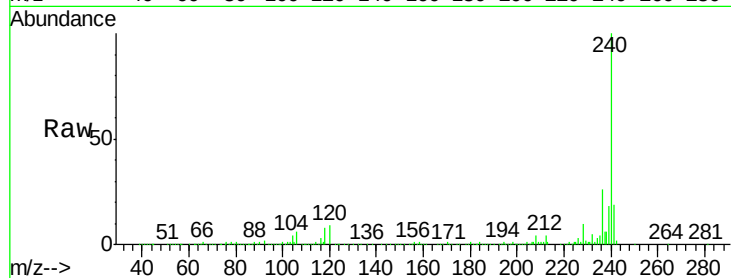
Tgt Ion:240 Resp: 357782

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

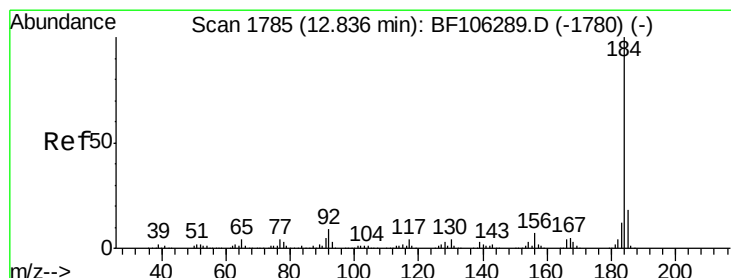
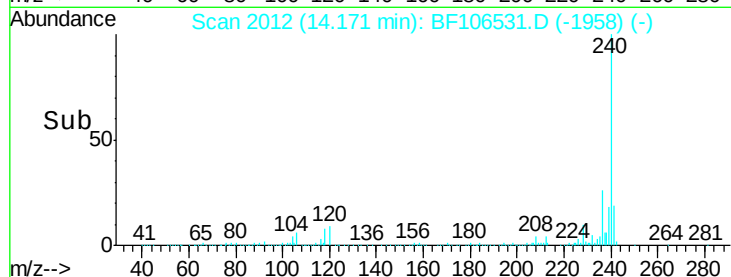
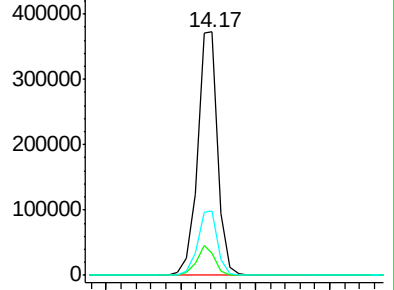
236 26.5 20.7 31.1



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: 42.115 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

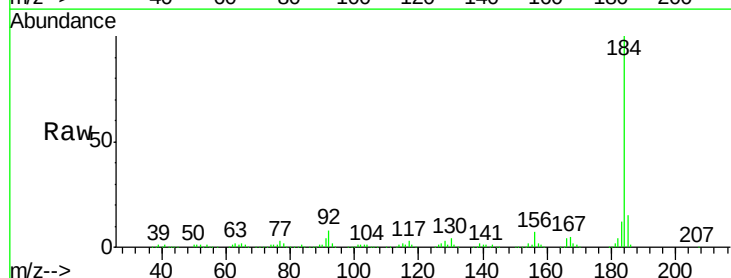
Tgt Ion:184 Resp: 501480

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

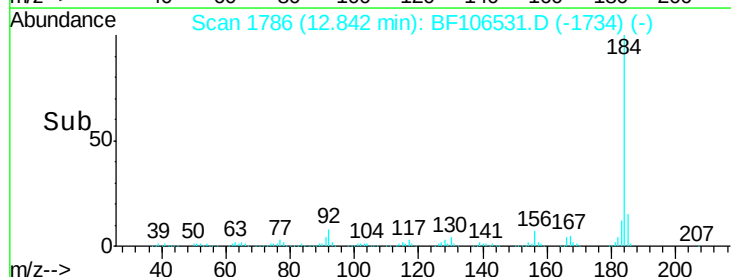
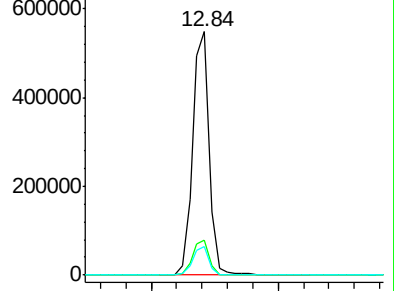
183 11.9 9.3 13.9

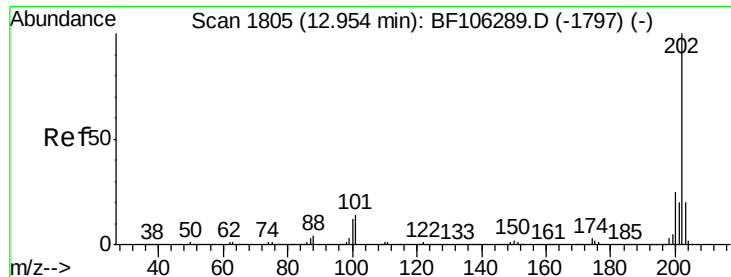


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

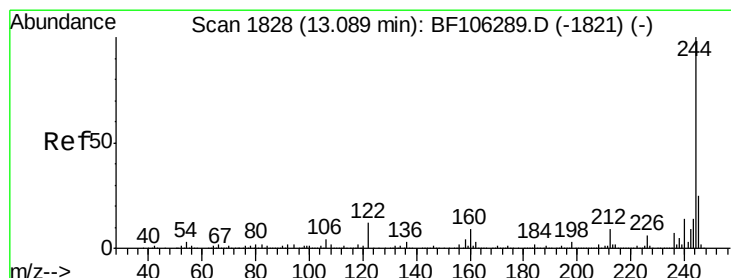
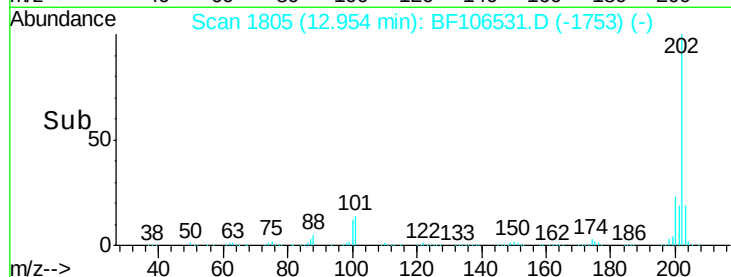
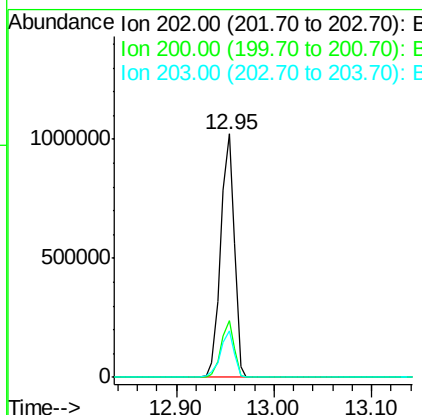
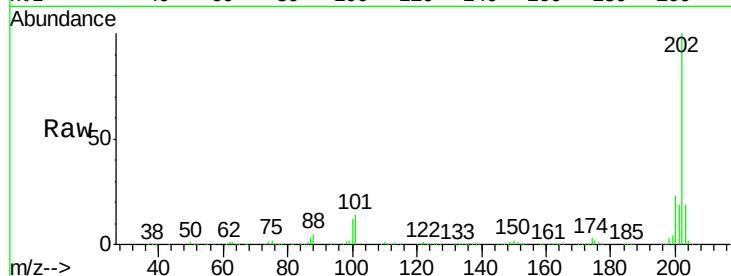




#77
 Pyrene
 Concen: 44.487 ng
 RT: 12.95 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

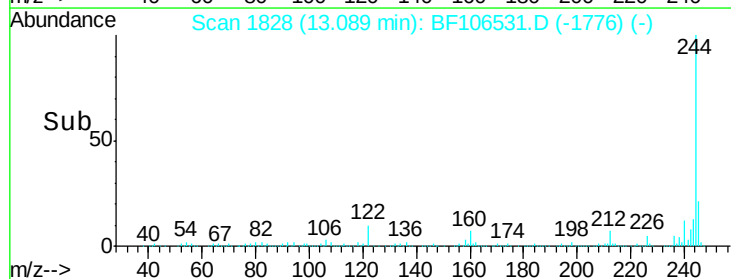
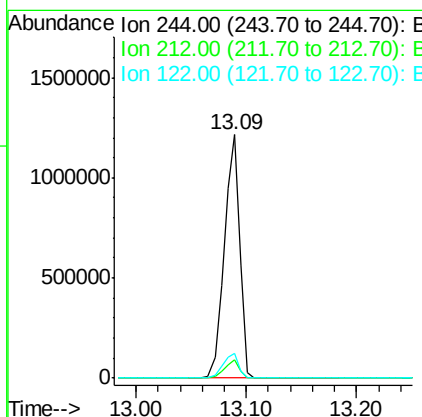
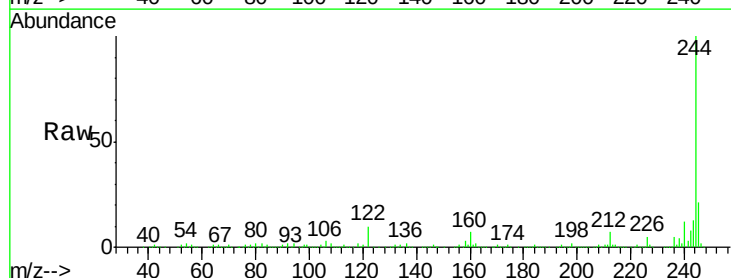
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

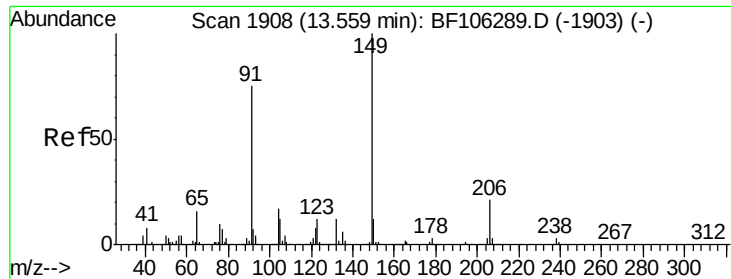
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	19.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 81.913 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.2	11.0	16.4

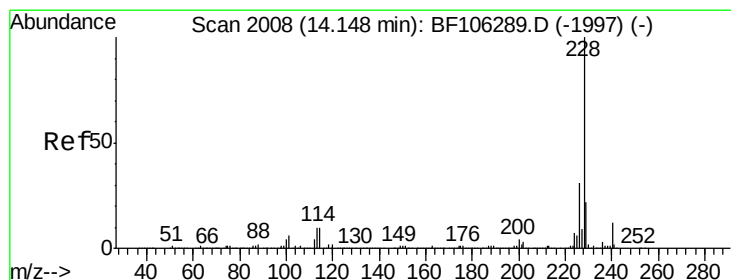
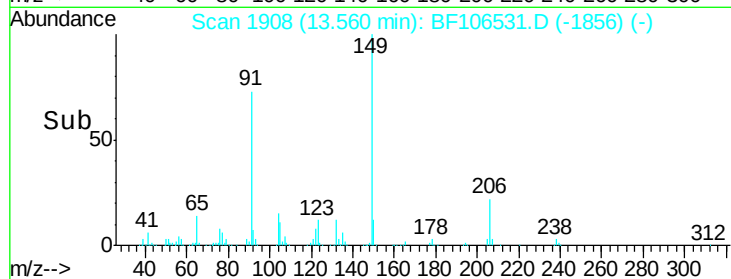
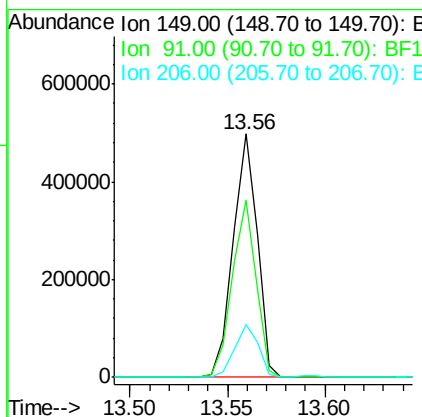
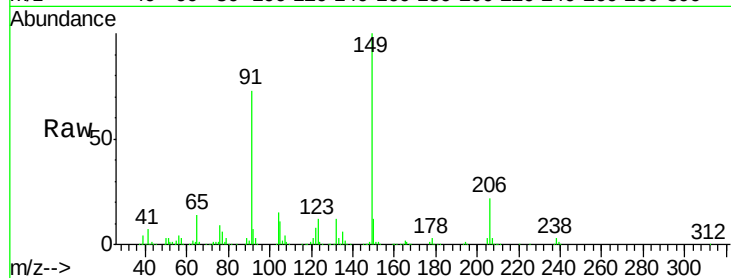




#79
Butylbenzylphthalate
Concen: 50.988 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

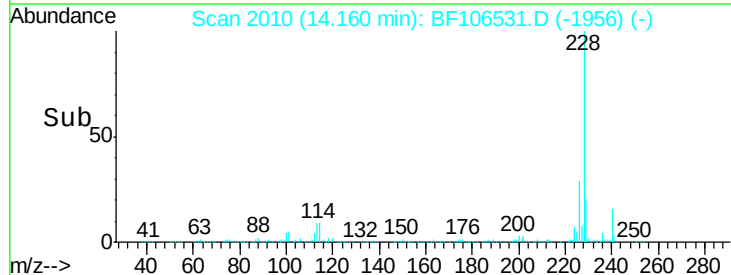
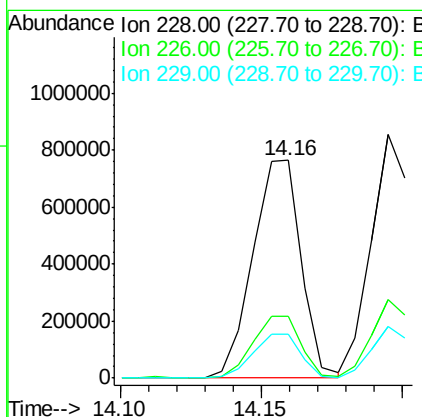
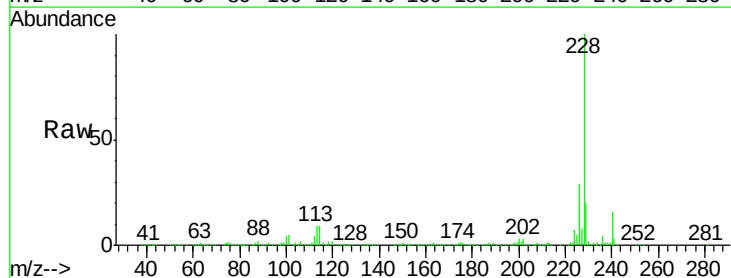
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

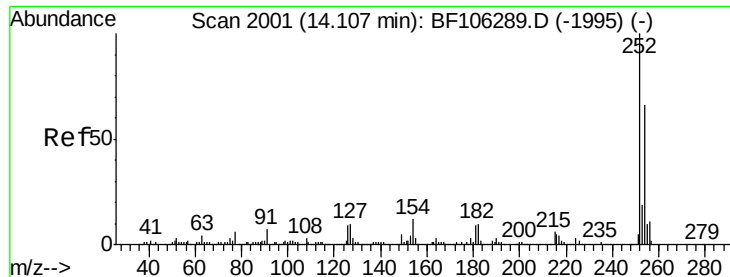
Tgt Ion:149 Resp: 427513
Ion Ratio Lower Upper
149 100
91 72.9 56.8 85.2
206 21.7 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 42.538 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:228 Resp: 905682
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.1 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 27.286 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

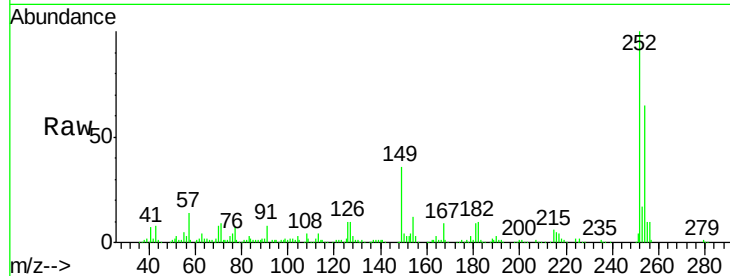
Tgt Ion:252 Resp: 196011

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

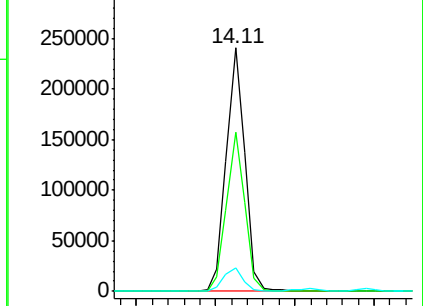
126 9.7 11.3 16.9#



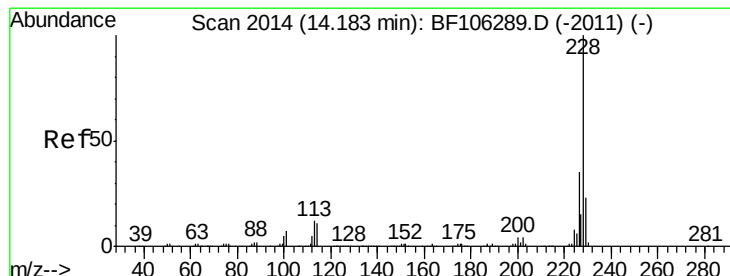
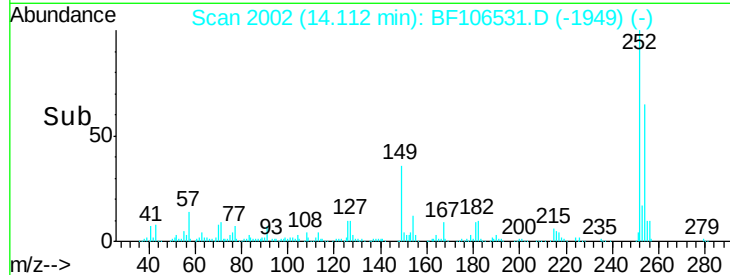
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#82

Chrysene

Concen: 42.182 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.02 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

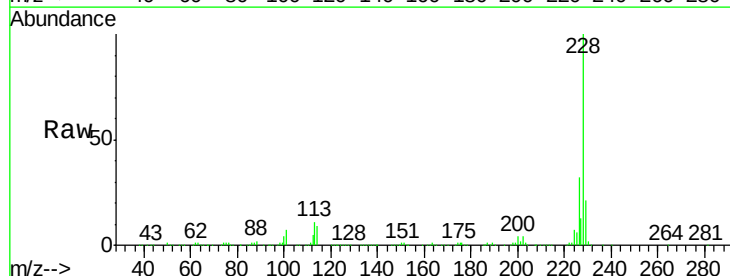
Tgt Ion:228 Resp: 819987

Ion Ratio Lower Upper

228 100

226 32.1 25.0 37.6

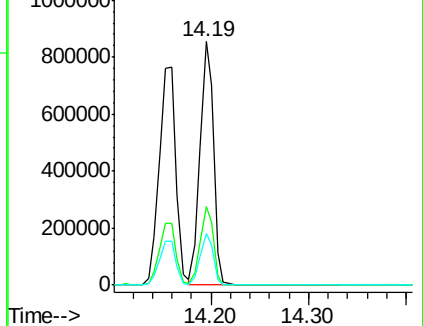
229 21.0 16.2 24.4



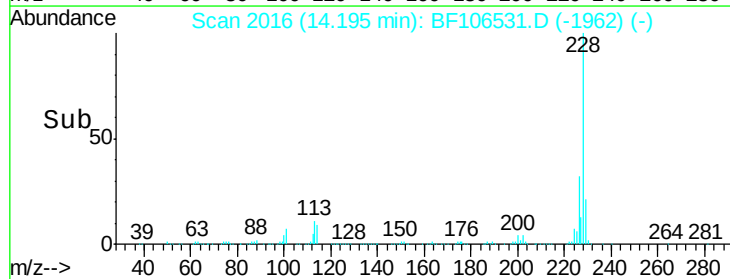
Abundance Ion 228.00 (227.70 to 228.70): E

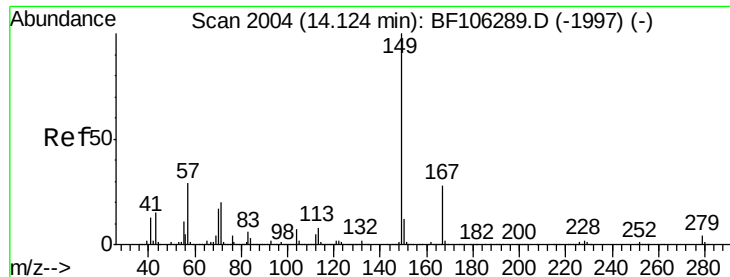
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.635 ng

RT: 14.12 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

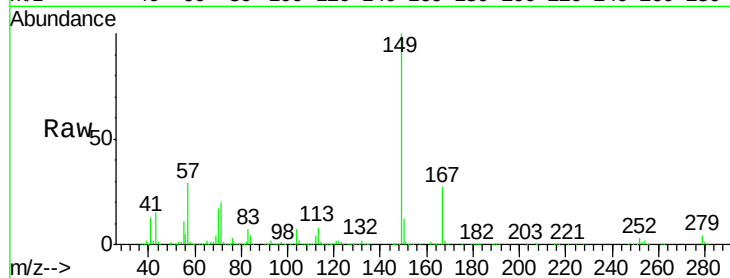
Tgt Ion:149 Resp: 572668

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

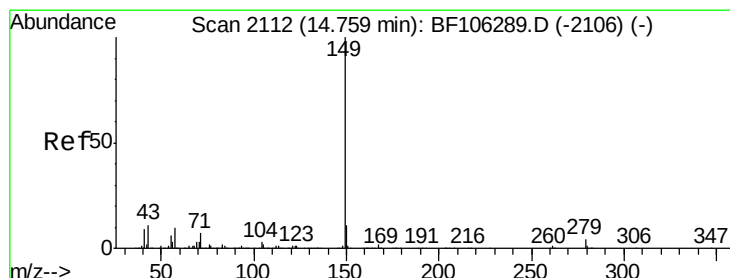
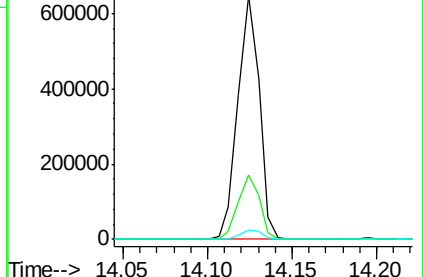
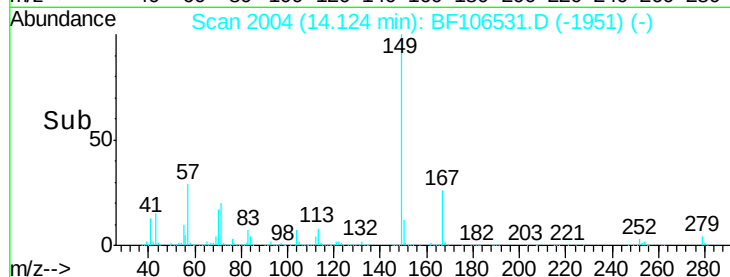
279 3.9 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.087 ng

RT: 14.77 min Scan# 2114

Delta R.T. 0.04 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

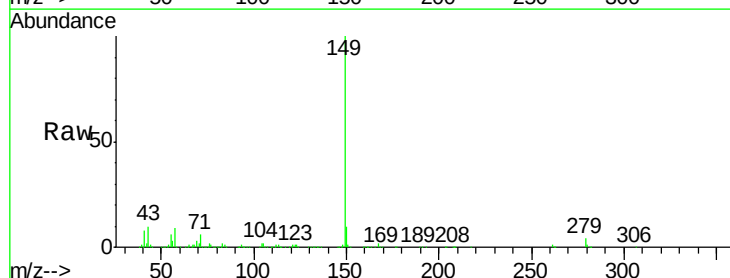
Tgt Ion:149 Resp: 850757

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

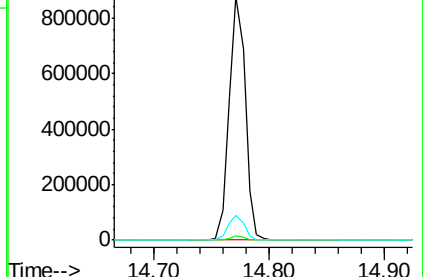
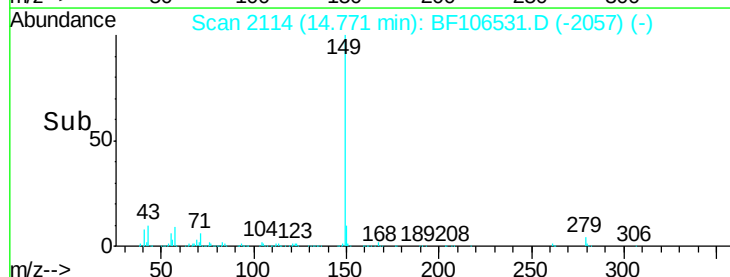
43 10.0 8.4 12.6

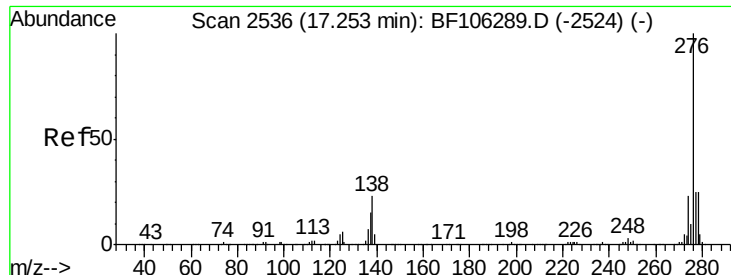


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

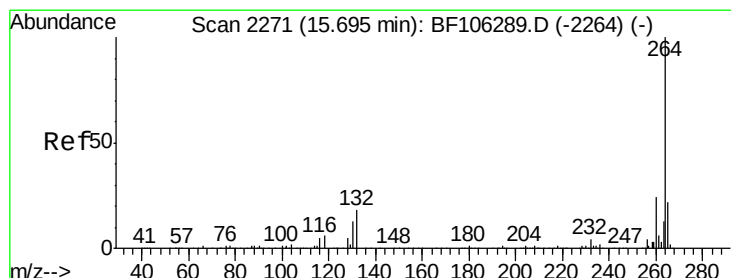
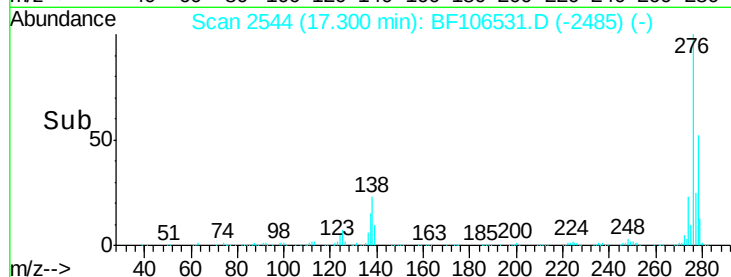
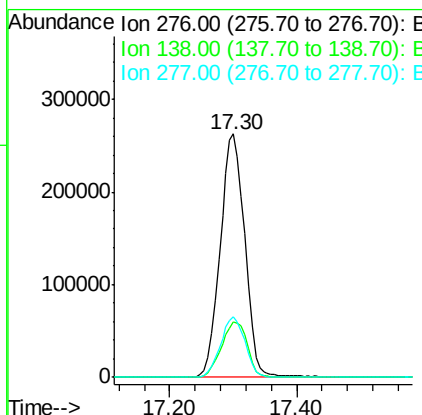
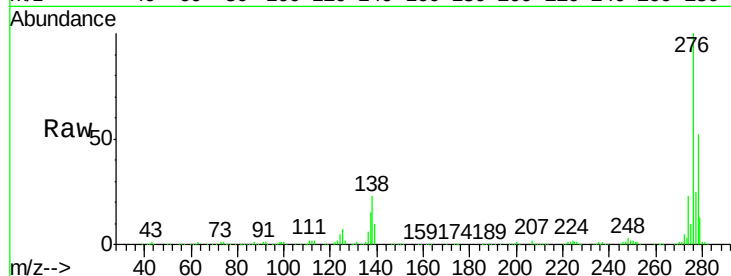




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.819 ng
 RT: 17.30 min Scan# 2544
 Delta R.T. 0.05 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

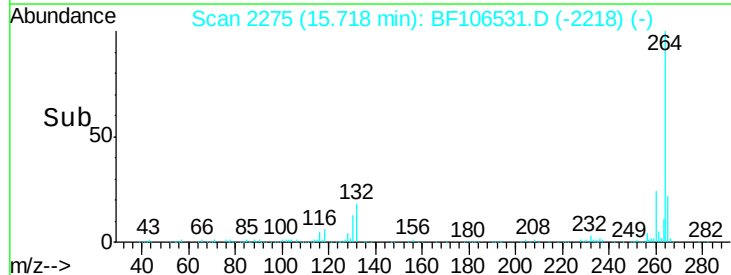
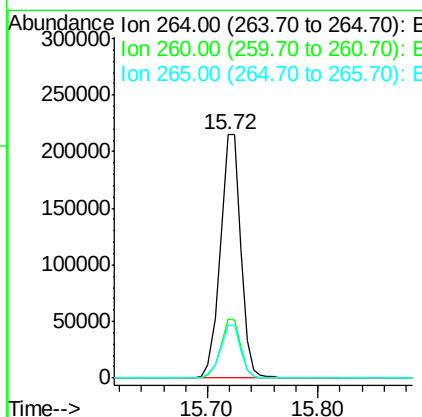
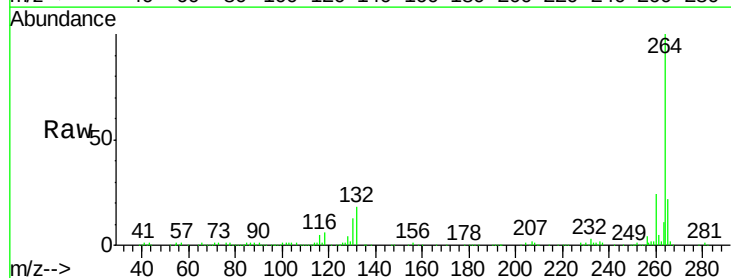
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

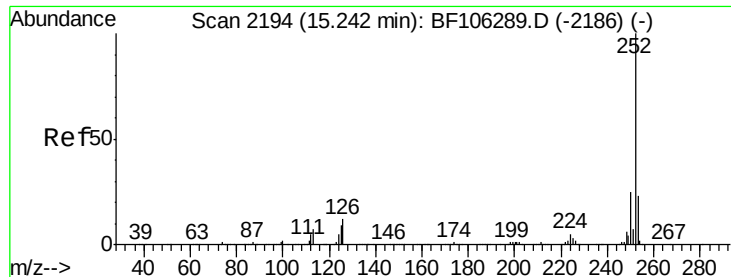
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2275
 Delta R.T. 0.04 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

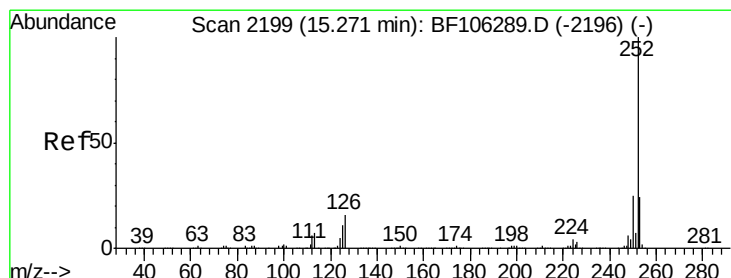
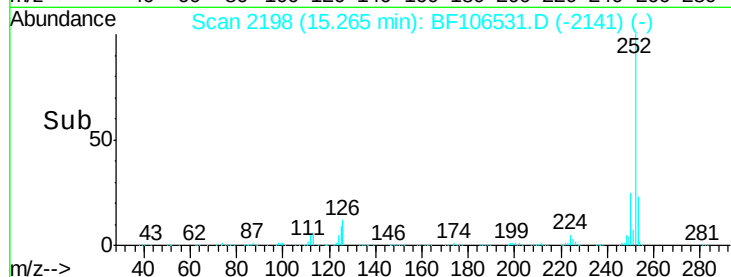
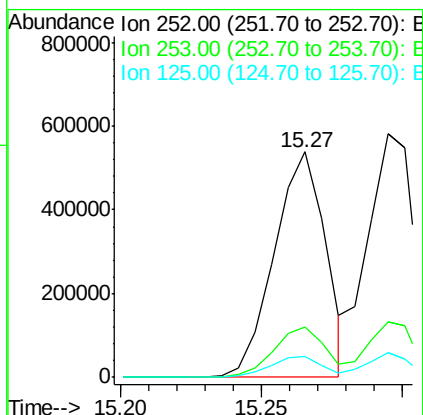
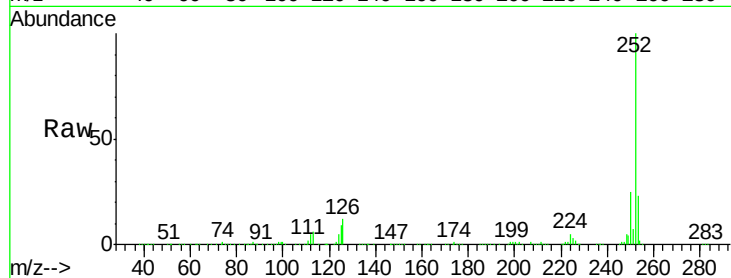




#87
Benzo(b)fluoranthene
Concen: 40.255 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.04 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

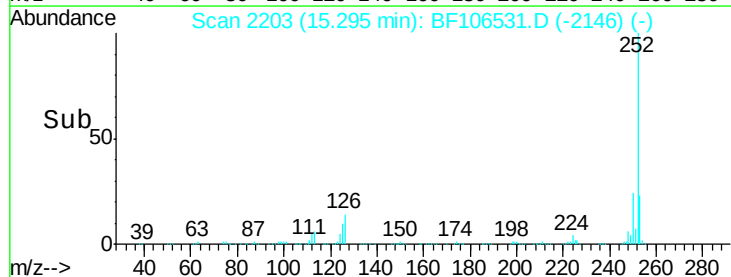
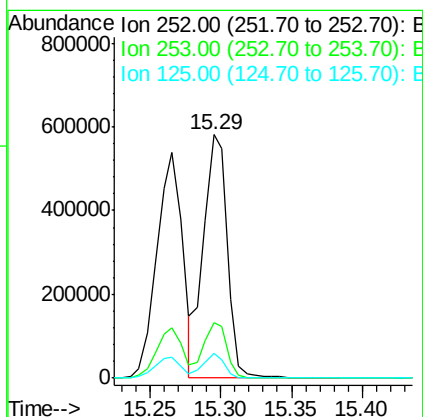
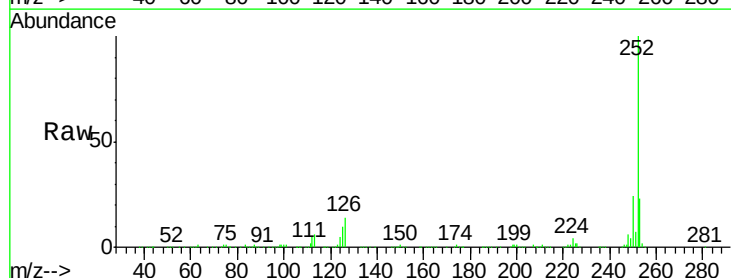
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

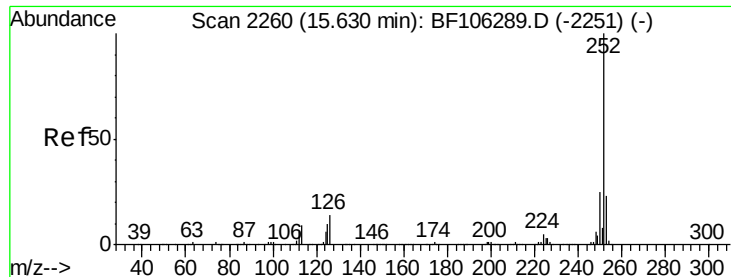
Tgt Ion:252 Resp: 680460
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.447 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion:252 Resp: 677127
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.292 ng

RT: 15.66 min Scan# 2265

Delta R.T. 0.04 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

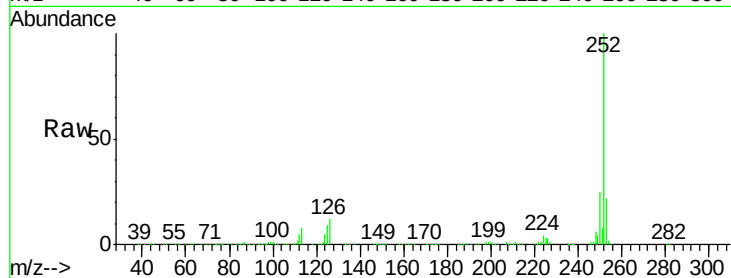
Tgt Ion:252 Resp: 643013

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

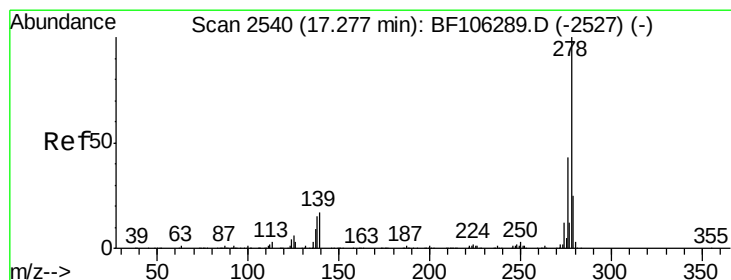
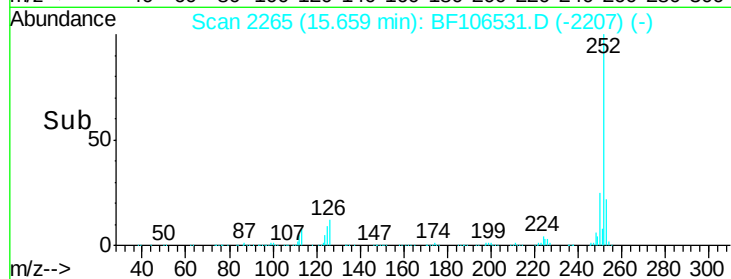
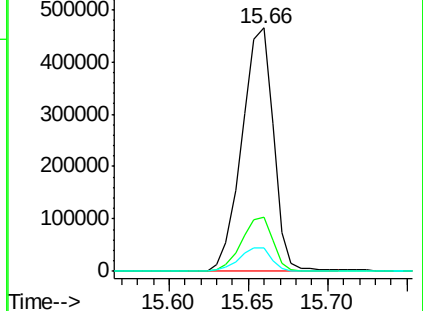
125 9.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.941 ng

RT: 17.32 min Scan# 2547

Delta R.T. 0.05 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

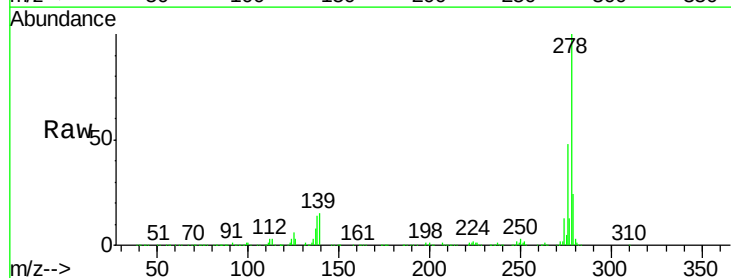
Tgt Ion:278 Resp: 582331

Ion Ratio Lower Upper

278 100

139 15.3 15.9 23.9#

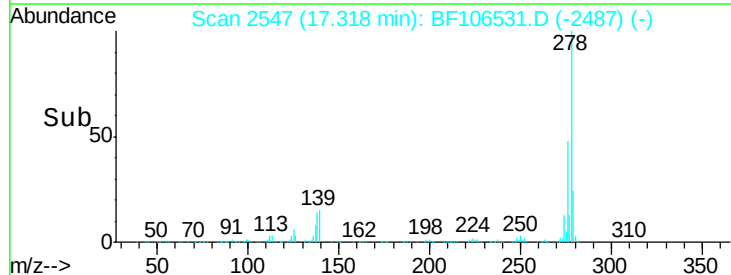
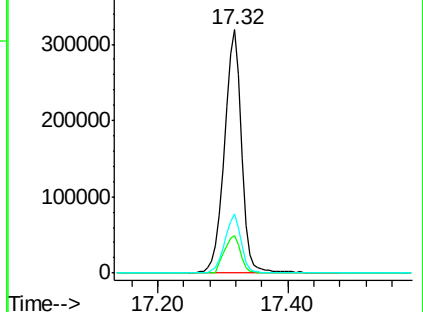
279 24.5 19.0 28.4

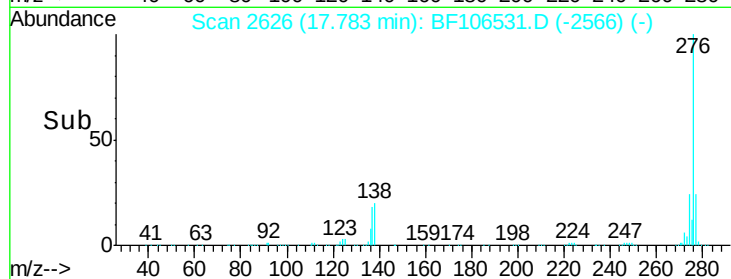
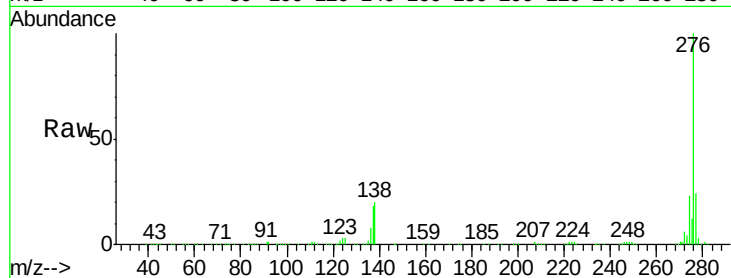
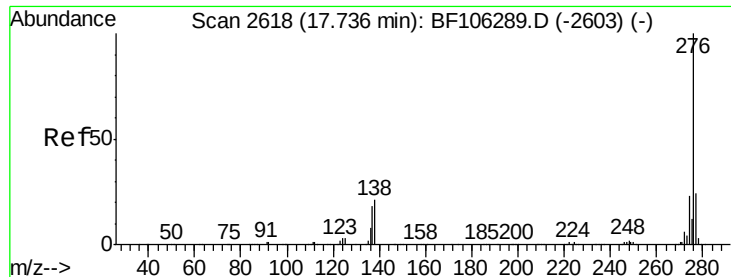


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.941 ng

RT: 17.78 min Scan# 2626

Delta R.T. 0.05 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tgt Ion:276 Resp: 615202

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 20.4 21.8 32.8

