

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106290.D
 Acq On : 11 Jun 2018 13:06
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 13:45:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 13:10:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	200153	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	808905	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	394115	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	752084	20.00	ng	0.00
75) Chrysene-d12	14.16	240	621764	20.00	ng	0.00
86) Perylene-d12	15.69	264	487631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1134087	85.22	ng	0.00
7) Phenol-d6	6.59	99	1440519	91.10	ng	0.00
23) Nitrobenzene-d5	7.54	82	1380313	99.32	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	415562	81.61	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2086101	76.29	ng	0.00
78) Terphenyl-d14	13.09	244	2279752	78.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	304198	50.456	ng	97
3) Pyridine	3.61	79	841171	53.766	ng	99
4) n-Nitrosodimethylamine	3.58	42	395241	51.607	ng	# 98
6) Aniline	6.64	93	1066248	52.000	ng	96
8) 2-Chlorophenol	6.76	128	622789	44.062	ng	99
9) Benzaldehyde	6.52	77	528343	49.146	ng	97
10) Phenol	6.61	94	781094	43.296	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	672428	50.717	ng	98
12) 1,3-Dichlorobenzene	6.91	146	717986	46.143	ng	98
13) 1,4-Dichlorobenzene	6.99	146	730411	45.970	ng	98
14) 1,2-Dichlorobenzene	7.14	146	681357	46.532	ng	99
15) Benzyl Alcohol	7.11	79	626874	51.095	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	981821	42.151	ng	98
17) 2-Methylphenol	7.21	107	558879	46.837	ng	98
18) Hexachloroethane	7.48	117	264006	45.987	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	521676	52.193	ng	96
20) 3+4-Methylphenols	7.37	107	702271	49.435	ng	96
22) Acetophenone	7.38	105	947064	50.961	ng	# 98
24) Nitrobenzene	7.56	77	743974	50.840	ng	98
25) Isophorone	7.80	82	1301823	49.488	ng	98
26) 2-Nitrophenol	7.87	139	308720	41.812	ng	90
27) 2,4-Dimethylphenol	7.90	122	571485	47.119	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	833605	51.665	ng	98
29) 2,4-Dichlorophenol	8.11	162	559602	49.238	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	597633	49.715	ng	93
31) Naphthalene	8.28	128	1680764	42.672	ng	# 93
32) Benzoic acid	8.02	122	311909	34.619	ng	87
33) 4-Chloroaniline	8.32	127	791669	48.411	ng	98
34) Hexachlorobutadiene	8.39	225	385486	59.525	ng	99
35) Caprolactam	8.71	113	186836	53.193	ng	88
36) 4-Chloro-3-methylphenol	8.80	107	599816	49.028	ng	96
37) 2-Methylnaphthalene	8.97	142	1166388	44.032	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	611072	51.394	ng	97
40) Hexachlorocyclopentadiene	9.12	237	382281	47.508	ng	98

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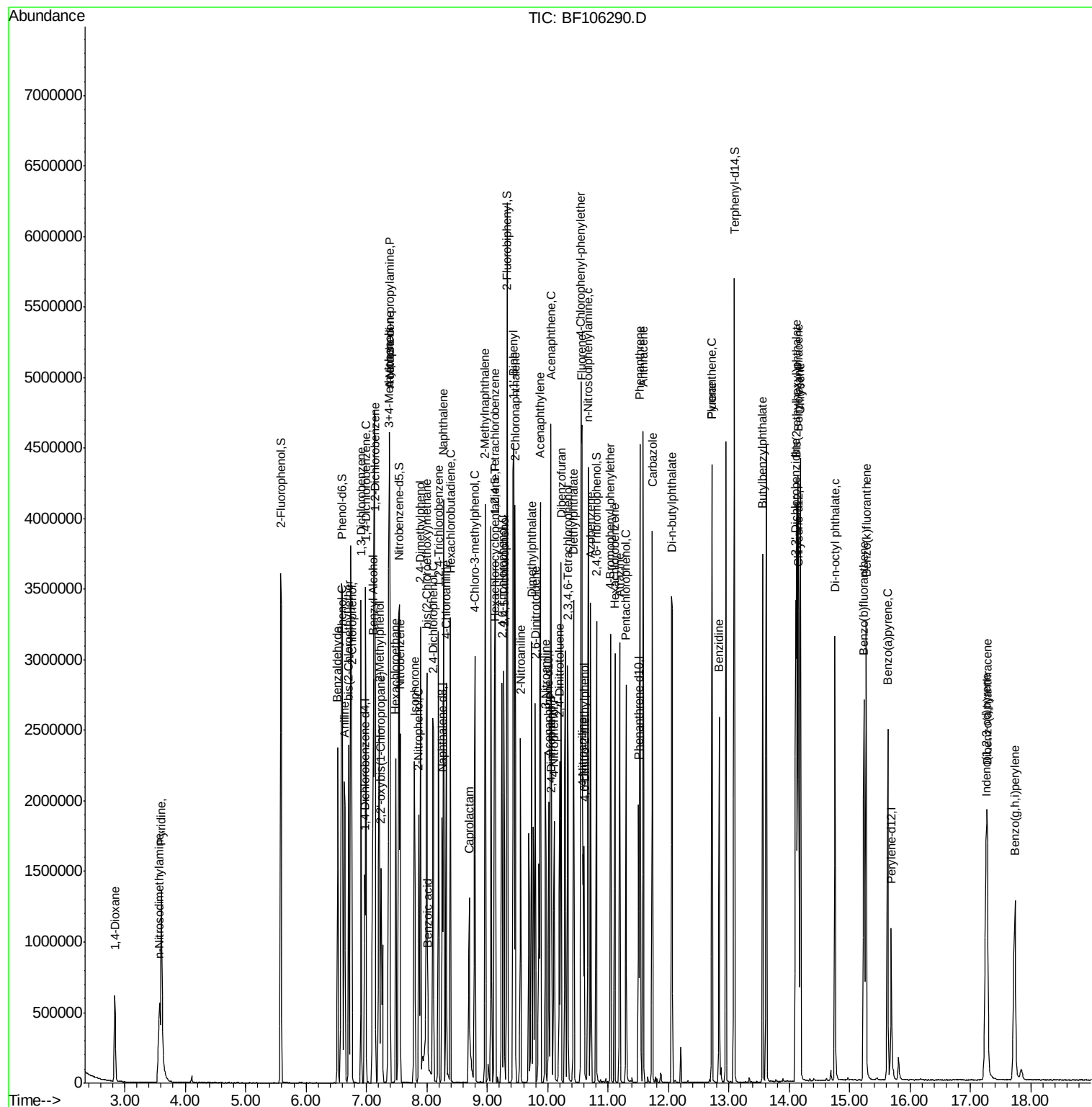
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	421767	52.167	ng	100
43) 2,4,5-Trichlorophenol	9.28	196	450786	51.597	ng	96
45) 1,1'-Biphenyl	9.44	154	1379482	39.329	ng	96
46) 2-Chloronaphthalene	9.46	162	1142214	43.478	ng	97
47) 2-Nitroaniline	9.55	65	417312	47.279	ng	90
48) Acenaphthylene	9.88	152	1716793	42.637	ng	# 91
49) Dimethylphthalate	9.73	163	1323853	43.755	ng	# 97
50) 2,6-Dinitrotoluene	9.80	165	301807	45.308	ng	97
51) Acenaphthene	10.05	154	1131216	42.436	ng	97
52) 3-Nitroaniline	9.97	138	358267	46.678	ng	93
53) 2,4-Dinitrophenol	10.07	184	119361	30.490	ng	# 21
54) Dibenzofuran	10.22	168	1481230	41.365	ng	# 93
55) 4-Nitrophenol	10.11	139	278960	44.435	ng	86
56) 2,4-Dinitrotoluene	10.20	165	401732	46.358	ng	94
57) Fluorene	10.57	166	1166251	43.040	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	357996	49.595	ng	# 87
59) Diethylphthalate	10.43	149	1309987	43.400	ng	# 92
60) 4-Chlorophenyl-phenylether	10.55	204	629024	50.122	ng	92
61) 4-Nitroaniline	10.58	138	349823	45.586	ng	93
62) Azobenzene	10.71	77	1333392	45.138	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	204889	45.434	ng	85
65) n-Nitrosodiphenylamine	10.67	169	1203913	47.738	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	429276	51.311	ng	# 82
67) Hexachlorobenzene	11.11	284	439980	46.010	ng	# 85
68) Atrazine	11.20	200	401662	50.106	ng	98
69) Pentachlorophenol	11.30	266	302666	52.459	ng	98
70) Phenanthrene	11.53	178	1692676	39.936	ng	93
71) Anthracene	11.58	178	1698685	38.718	ng	# 91
72) Carbazole	11.74	167	1594496	41.522	ng	94
73) Di-n-butylphthalate	12.06	149	1790175	37.754	ng	# 97
74) Fluoranthene	12.72	202	1828433	43.396	ng	95
76) Benzidine	12.84	184	1010158	40.391	ng	96
77) Pyrene	12.72	202	1828412	38.107	ng	92
79) Butylbenzylphthalate	13.56	149	824931	39.028	ng	93
80) Benzo(a)anthracene	14.15	228	1775633	48.912	ng	94
81) 3,3'-Dichlorobenzidine	14.11	252	631234	45.186	ng	# 96
82) Chrysene	14.18	228	1606705	44.918	ng	92
83) Bis(2-ethylhexyl)phthalate	14.12	149	1109125	43.335	ng	99
84) Di-n-octyl phthalate	14.76	149	1609695	38.291	ng	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	1431766	43.962	ng	94
87) Benzo(b)fluoranthene	15.24	252	1484894	51.087	ng	95
88) Benzo(k)fluoranthene	15.27	252	1451865	51.654	ng	# 96
89) Benzo(a)pyrene	15.63	252	1363729	50.387	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	1218845	48.025	ng	96
91) Benzo(g,h,i)perylene	17.74	276	1179545	48.355	ng	93

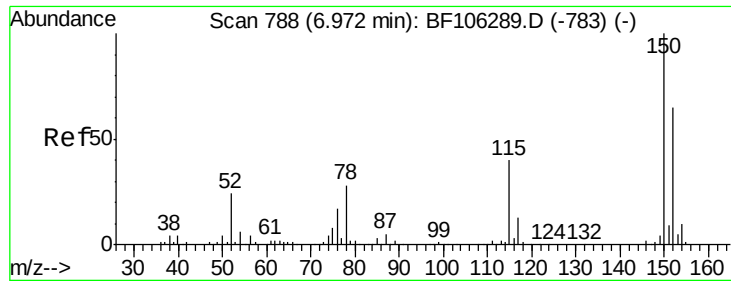
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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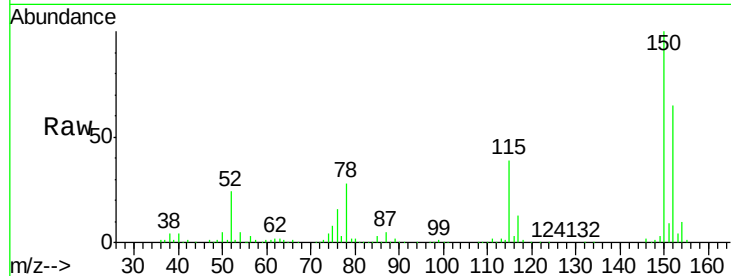


#1

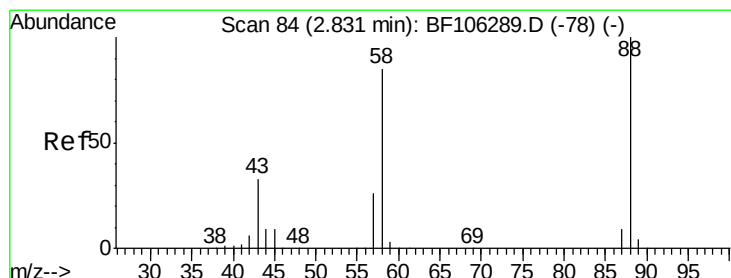
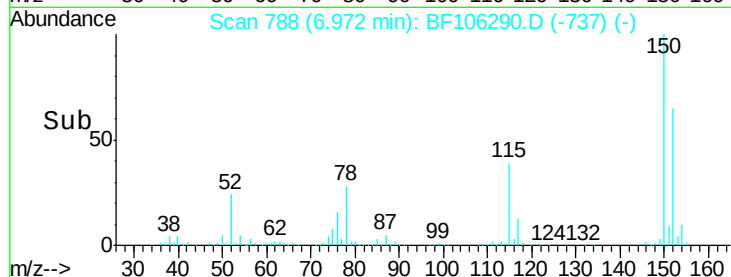
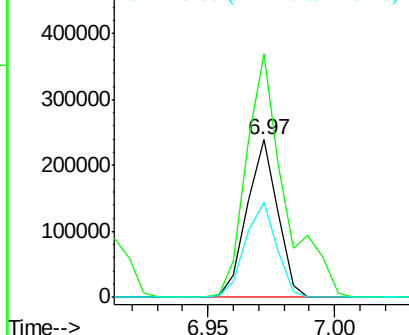
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	200153
Ion Ratio	100	Lower	Upper
152	100	124.6	186.8
150	154.9	50.1	75.1
115	60.5		



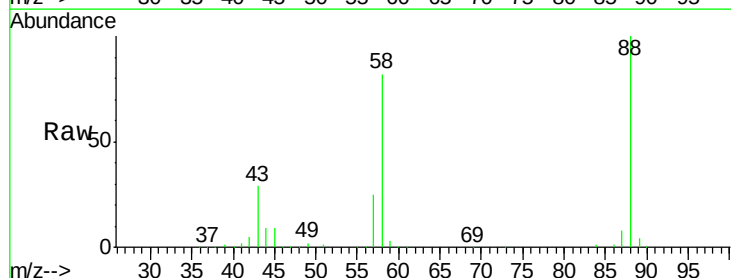
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



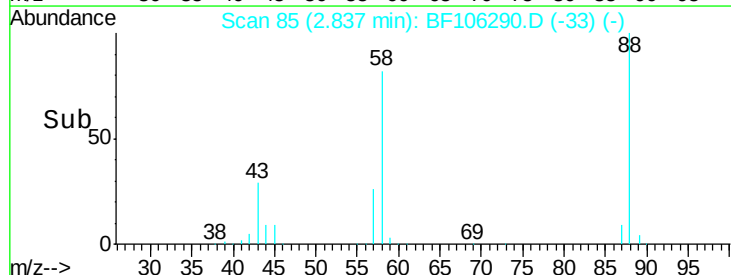
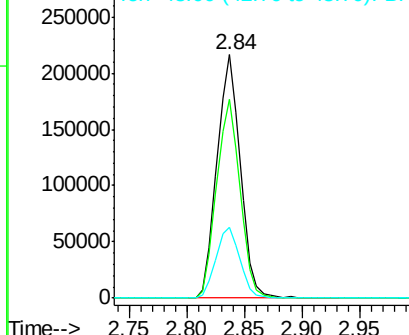
#2

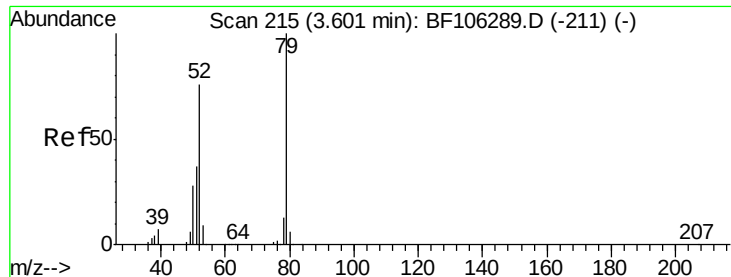
1,4-Dioxane
Concen: 50.456 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion	88	Resp	304198
Ion Ratio	100	Lower	Upper
88	100	62.6	93.8
58	81.8	24.6	37.0
43	29.8		



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





#3

Pvridine

Concen: 53.766 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

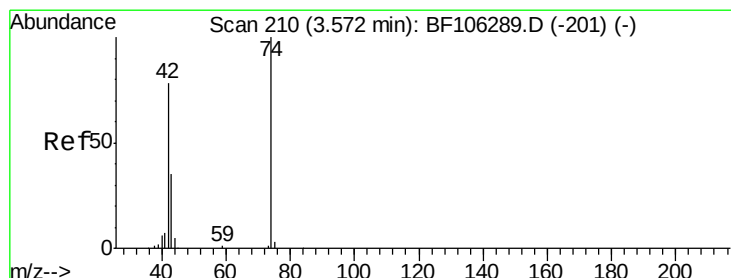
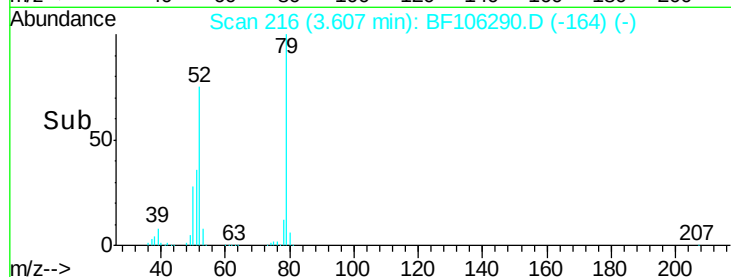
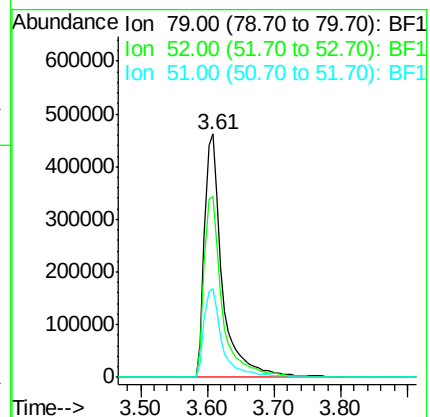
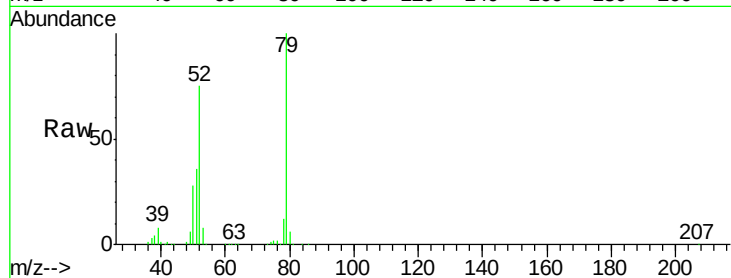
Tot Ion: 79 Resp: 841171

Ion Ratio Lower Upper

79 100

52 74.5 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 51.607 ng

RT: 3.58 min Scan# 211

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

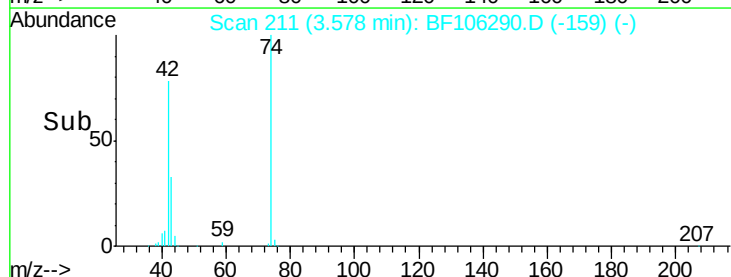
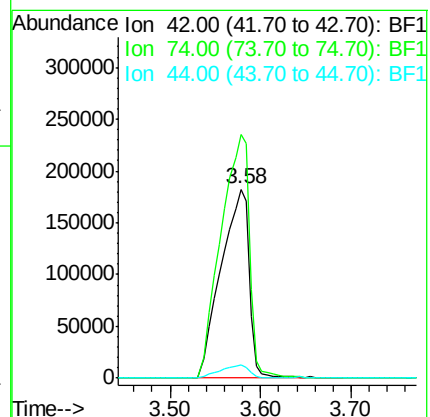
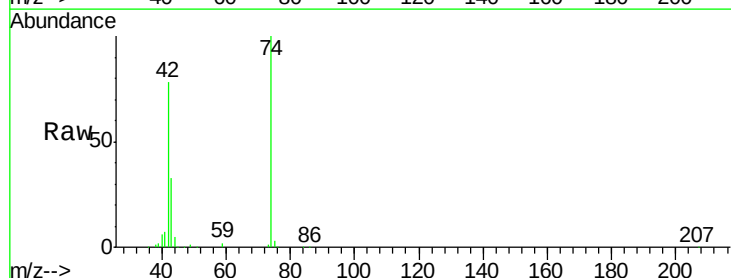
Tgt Ion: 42 Resp: 395241

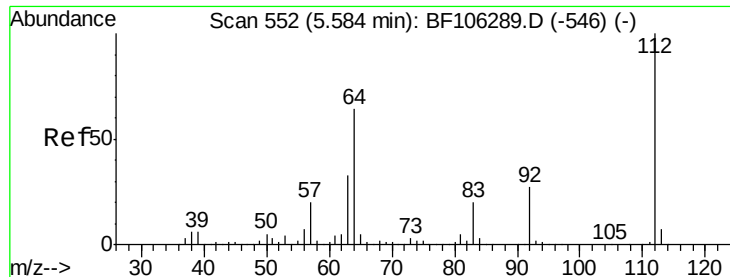
Ion Ratio Lower Upper

42 100

74 129.0 104.9 157.3

44 6.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 85.219 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.00 min

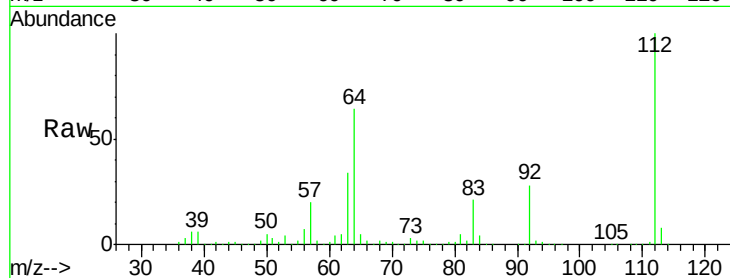
Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 1134087

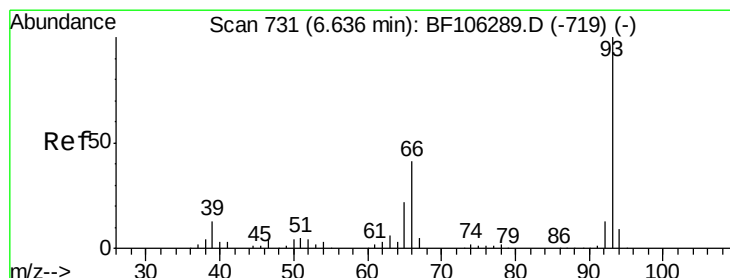
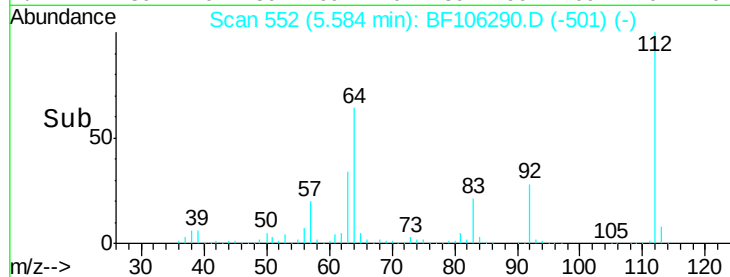
Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	33.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 52.000 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

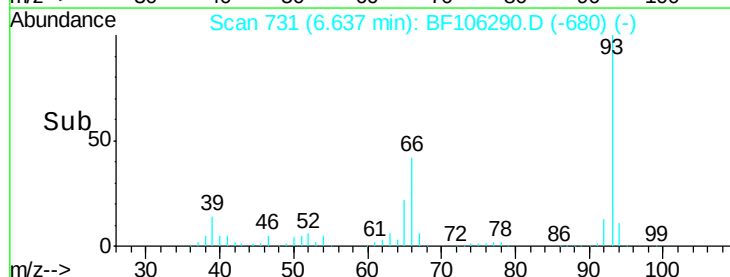
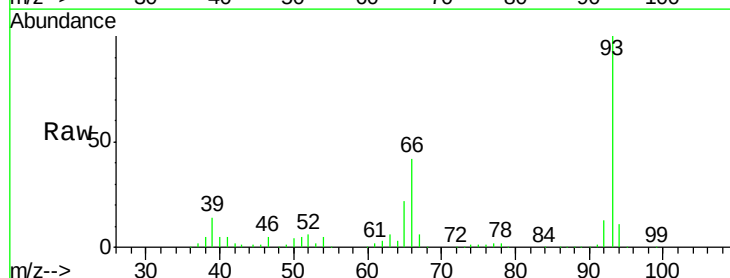
Tgt Ion: 93 Resp: 1066248

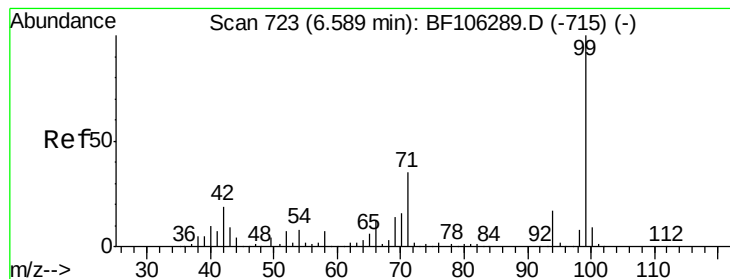
Ion	Ratio	Lower	Upper
93	100		
66	42.4	32.2	48.2
65	22.3	16.4	24.6

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.096 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

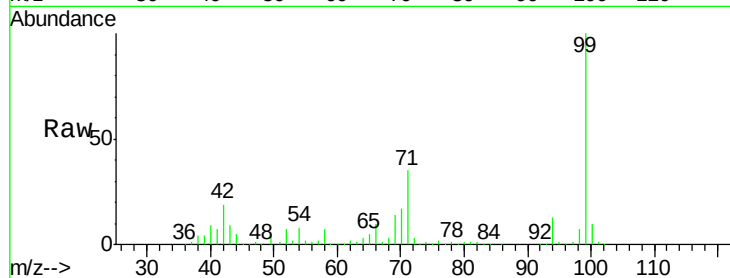
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1440519

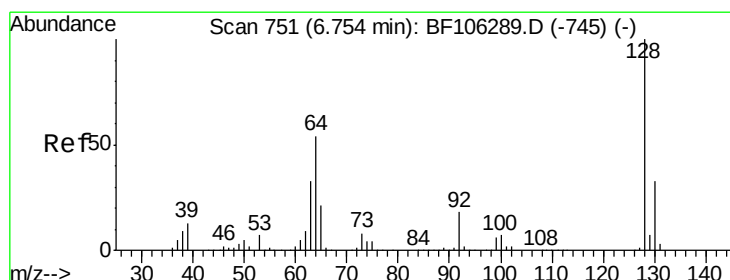
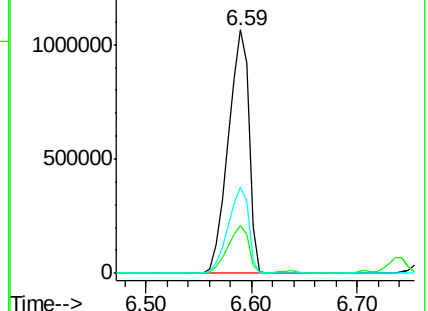
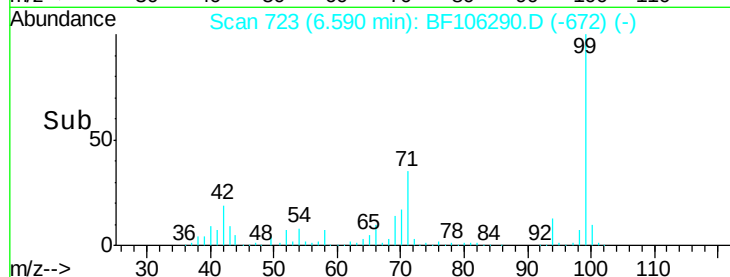
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	35.3	25.4	38.0



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: 44.062 ng

RT: 6.76 min Scan# 752

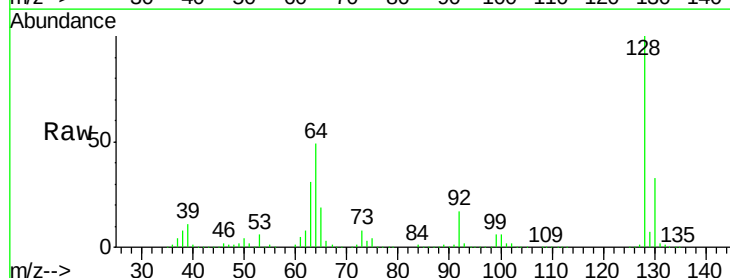
Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Tgt Ion: 128 Resp: 622789

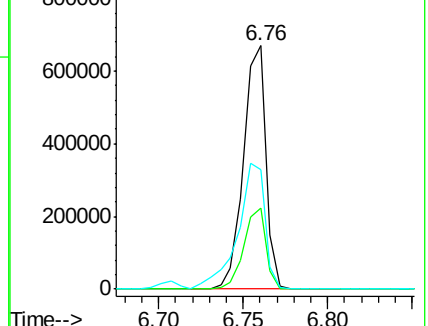
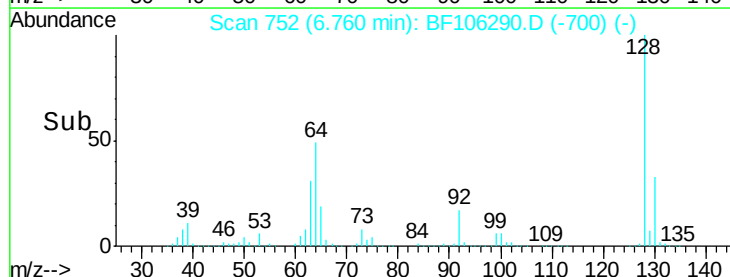
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	49.1	29.4	69.4

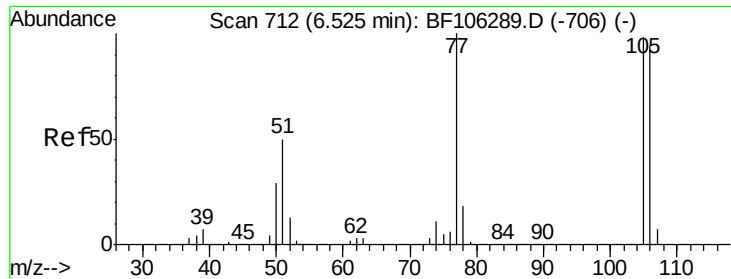


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.146 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106290.D

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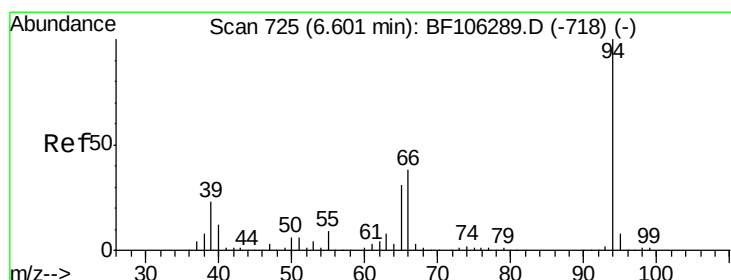
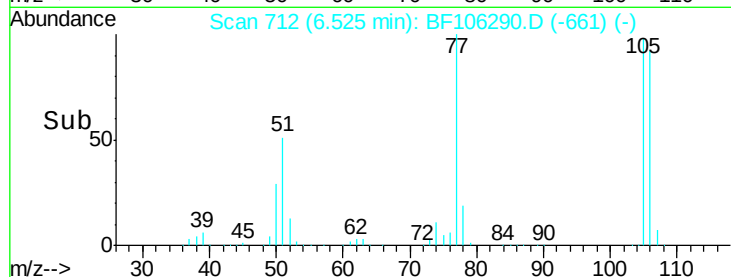
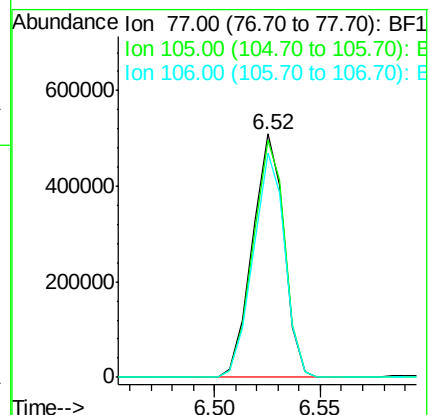
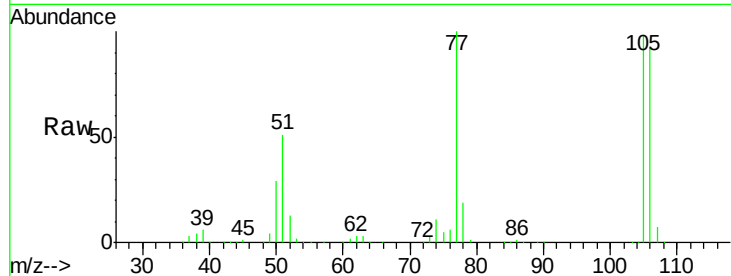
Tot Ion: 77 Resp: 528343

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

106 92.1 74.5 114.5



#10

Phenol

Concen: 43.296 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

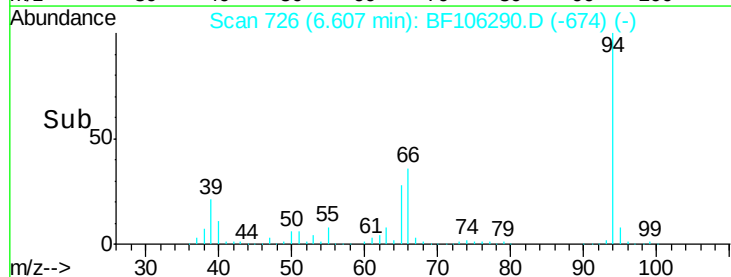
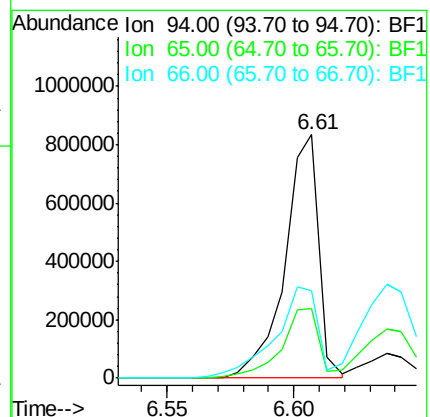
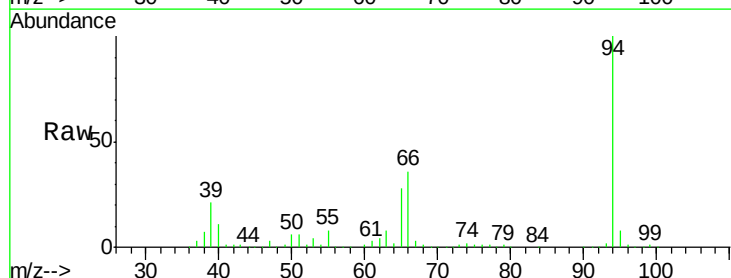
Tgt Ion: 94 Resp: 781094

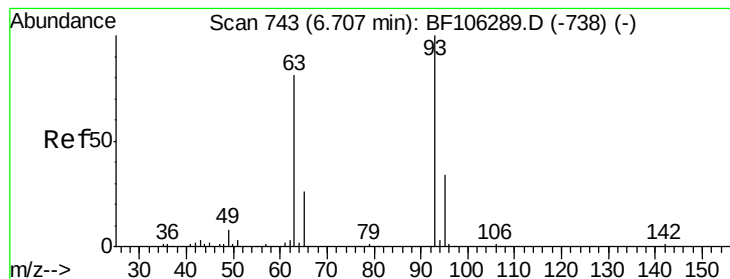
Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

66 36.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 50.717 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

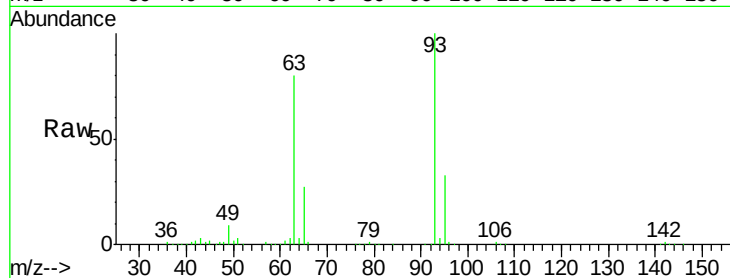
Tot Ion: 93 Resp: 672428

Ion Ratio Lower Upper

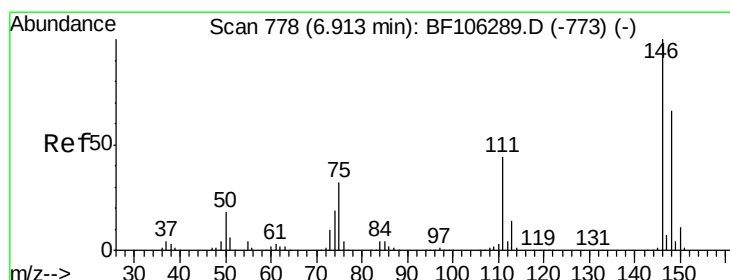
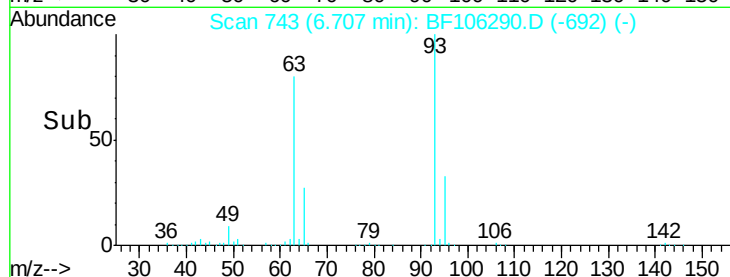
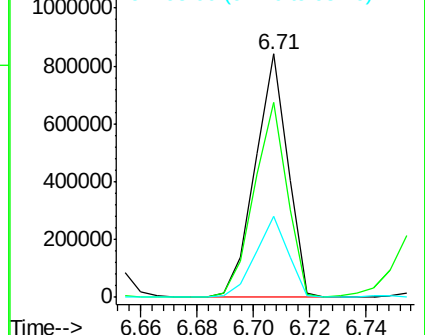
93 100

63 80.2 58.6 98.6

95 33.1 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: 46.143 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

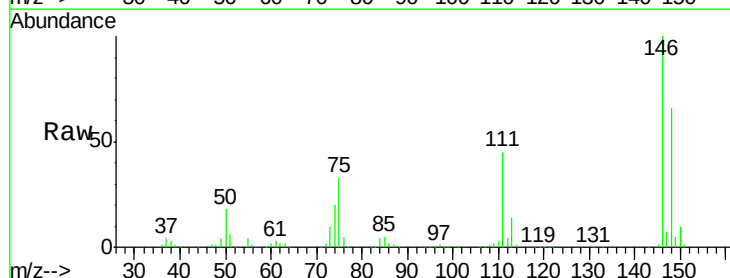
Tgt Ion: 146 Resp: 717986

Ion Ratio Lower Upper

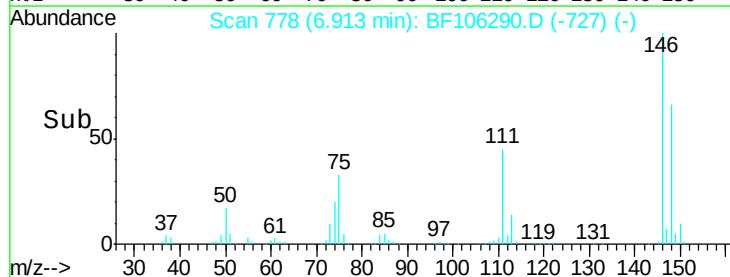
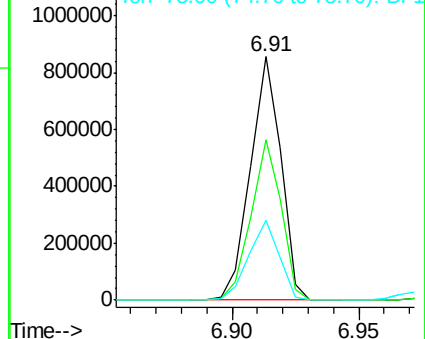
146 100

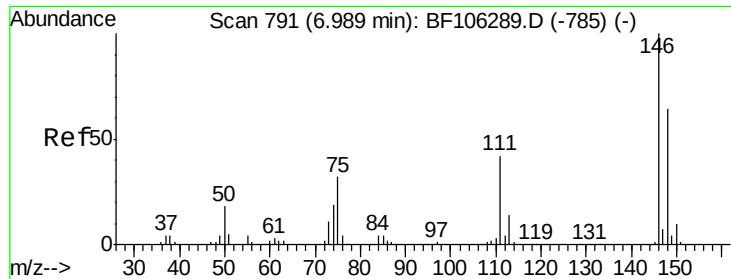
148 65.8 51.8 77.8

75 33.0 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

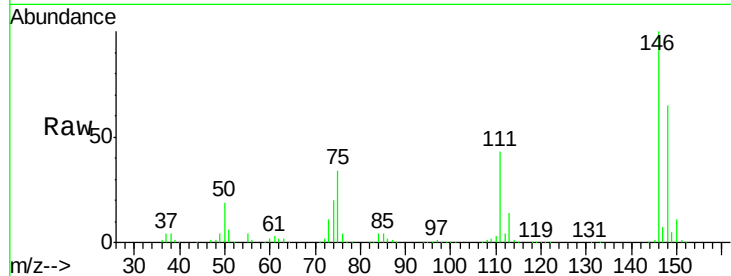




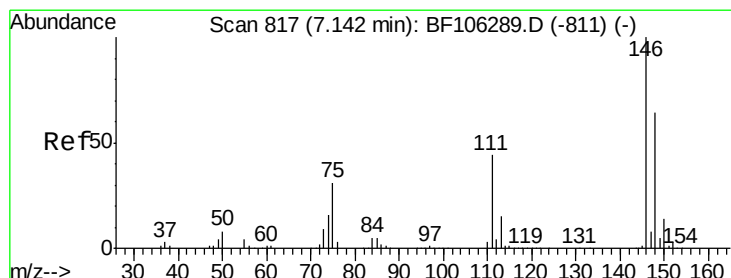
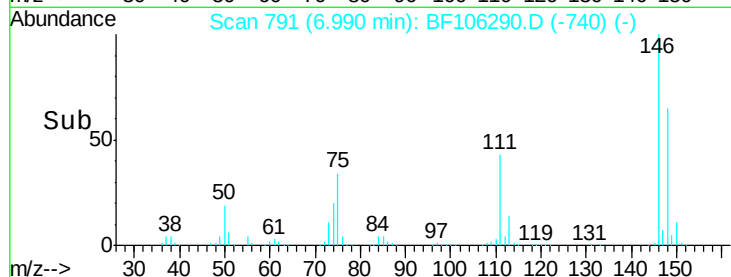
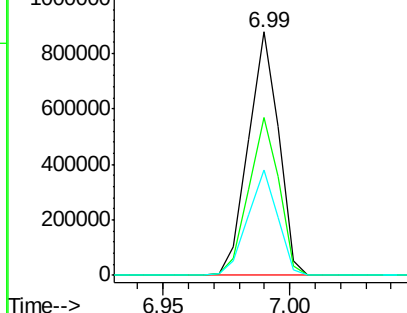
#13
 1,4-Dichlorobenzene
 Concen: 45.970 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 730411
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 43.3 34.2 51.2

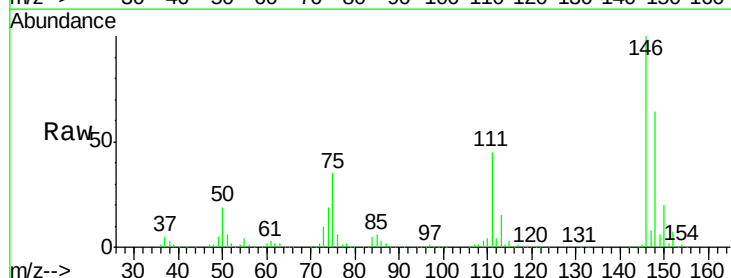


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

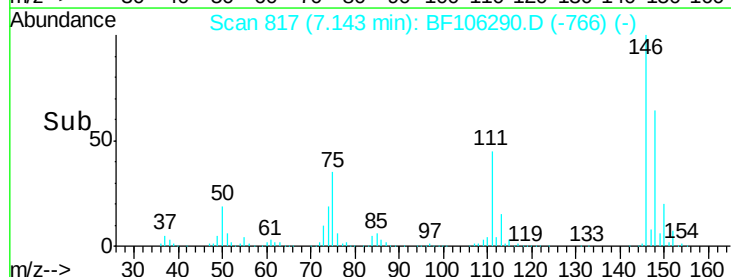
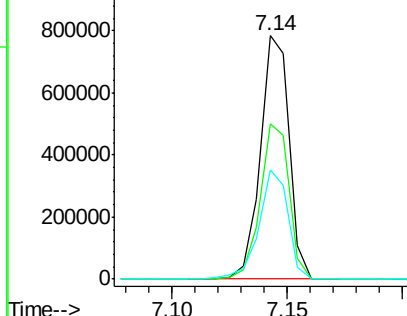


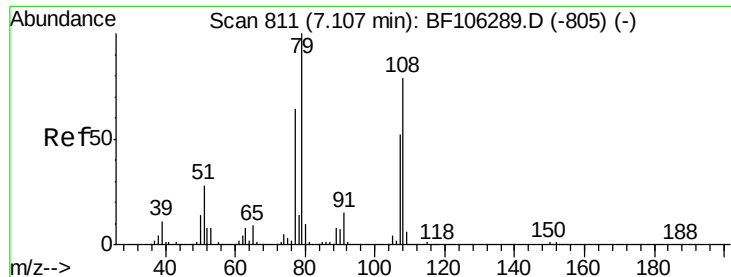
#14
 1,2-Dichlorobenzene
 Concen: 46.532 ng
 RT: 7.14 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:146 Resp: 681357
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 45.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 51.095 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

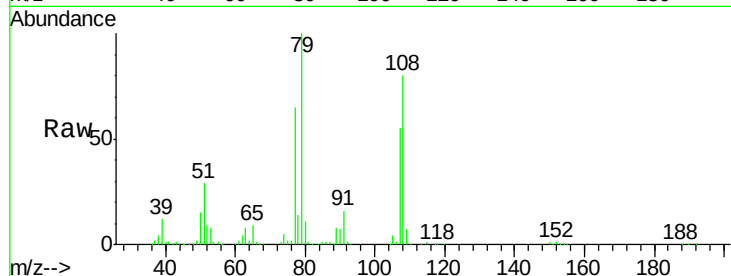
Tot Ion: 79 Resp: 626874

Ion Ratio Lower Upper

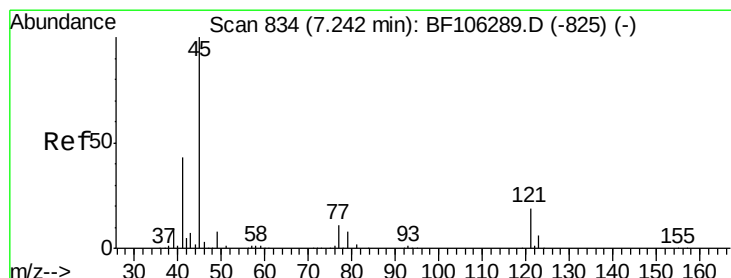
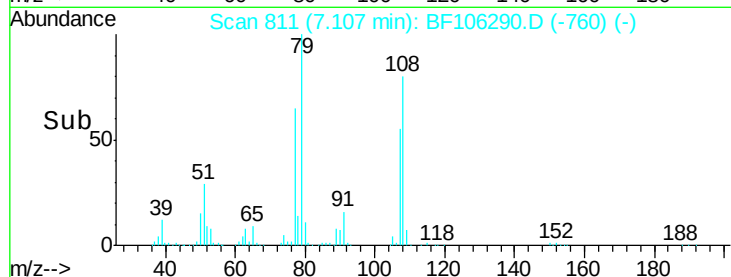
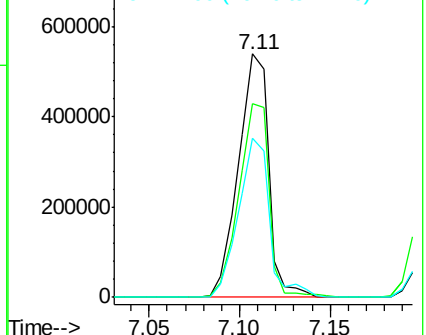
79 100

108 79.7 65.1 97.7

77 65.2 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.151 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

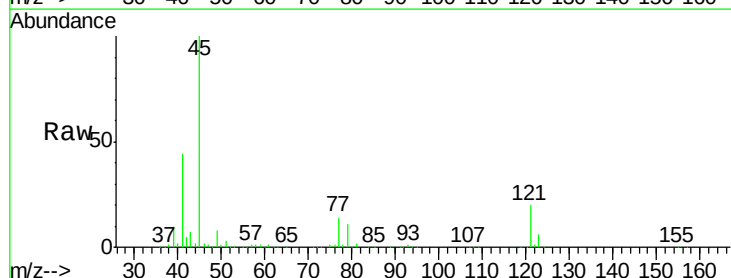
Tgt Ion: 45 Resp: 981821

Ion Ratio Lower Upper

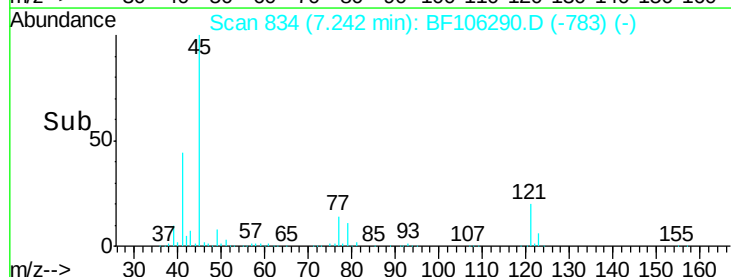
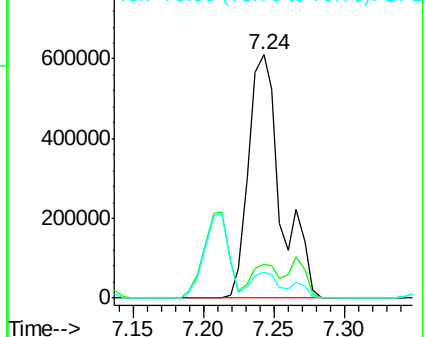
45 100

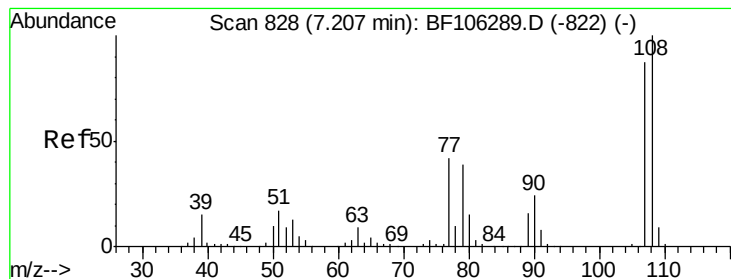
77 13.8 0.0 32.9

79 10.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

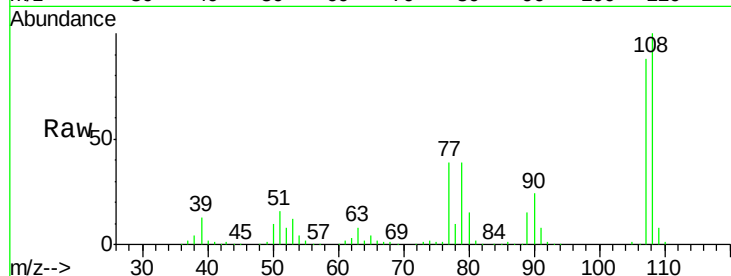




#17
2-Methylphenol
Concen: 46.837 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	558879
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	44.8	33.8	50.8
79	44.1	33.8	50.8



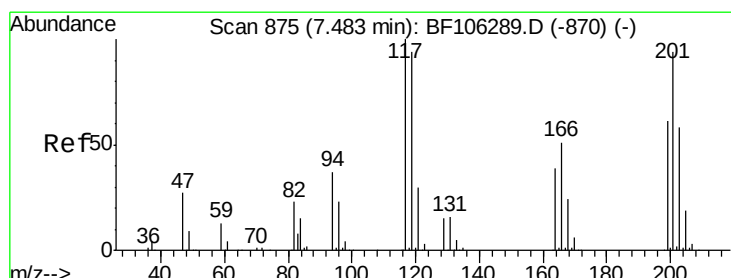
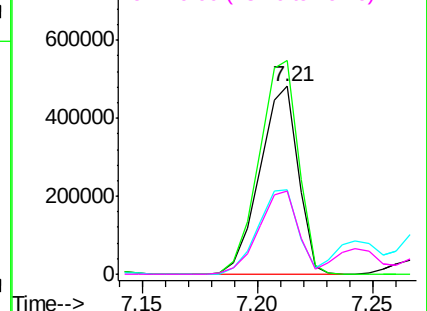
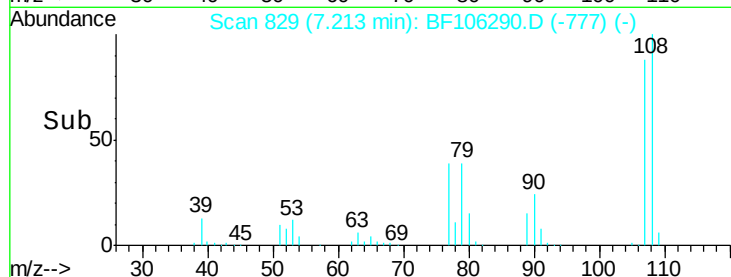
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

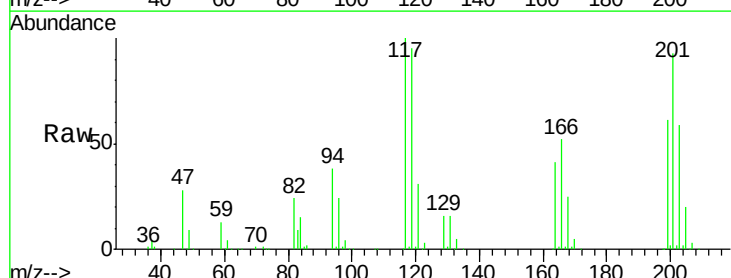
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.987 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:	117	Resp:	264006
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	92.7	75.7	113.5

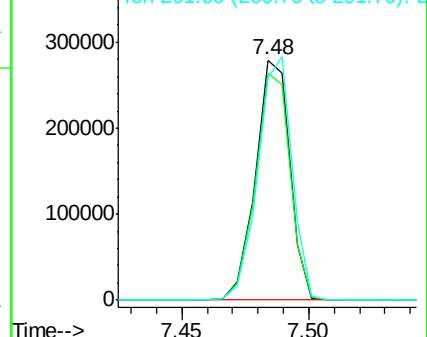
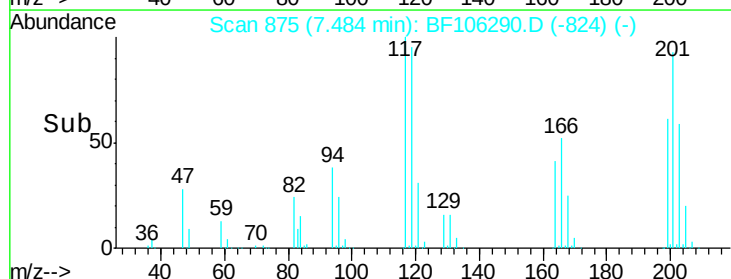


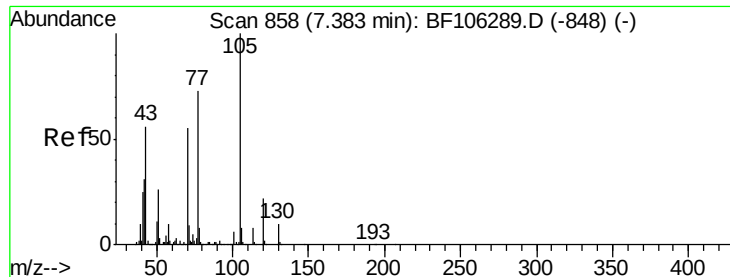
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

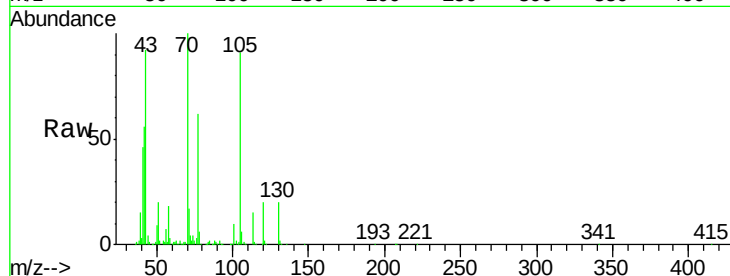




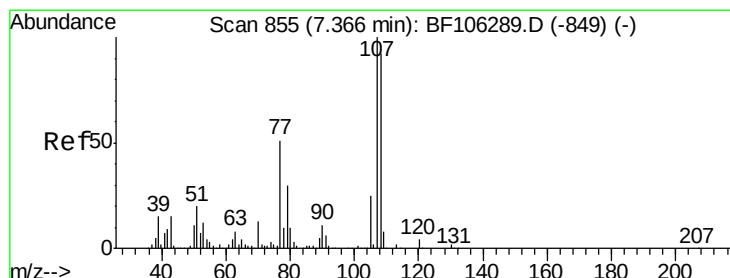
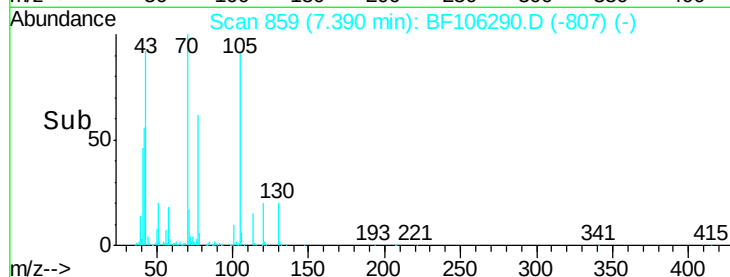
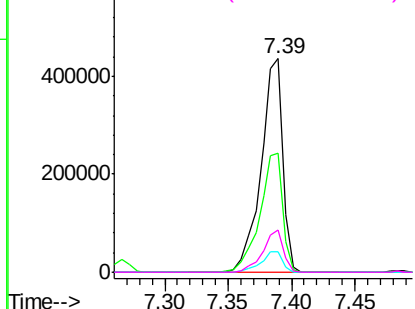
#19
n-Nitroso-di-n-propylamine
Concen: 52.193 ng
RT: 7.39 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	521676
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.7	7.4	11.2
130	19.7	16.6	25.0

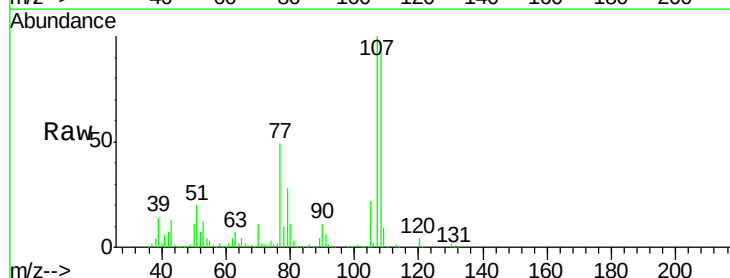


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

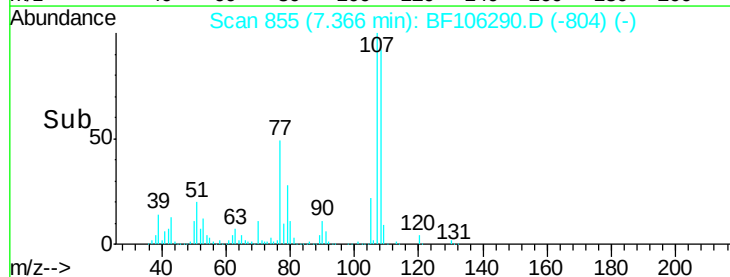
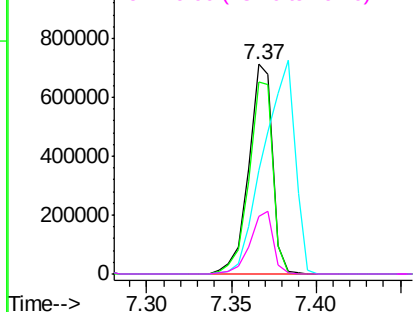


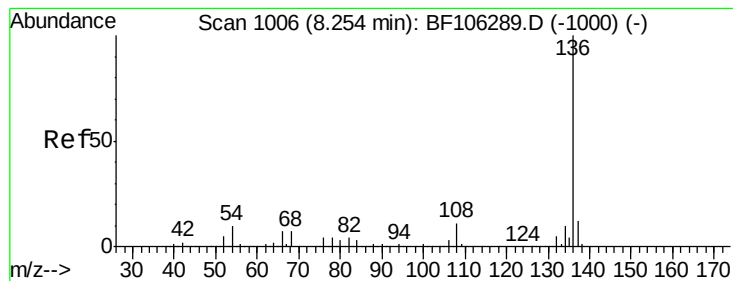
#20
3+4-Methylphenols
Concen: 49.435 ng
RT: 7.37 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:	107	Resp:	702271
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	49.5	26.7	66.7
79	27.7	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 808905

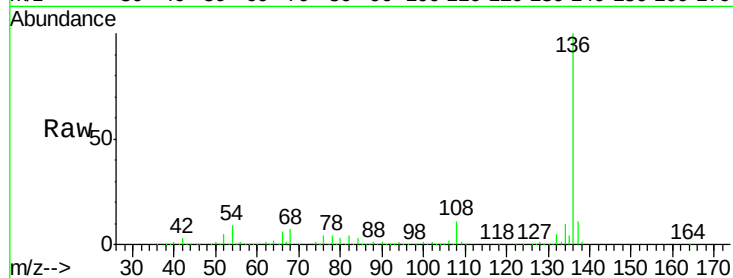
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.2 6.6 9.8

68 7.2 5.0 7.4

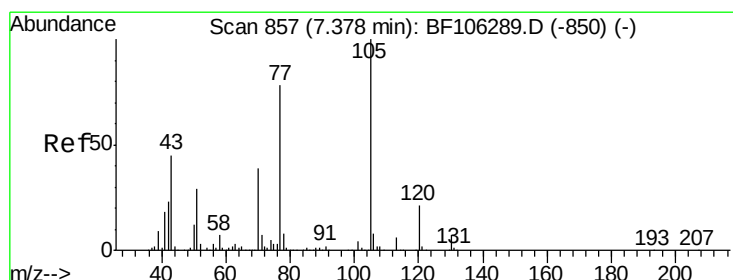
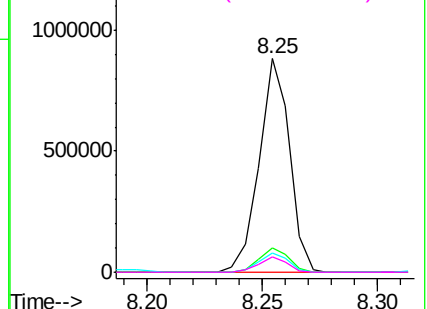
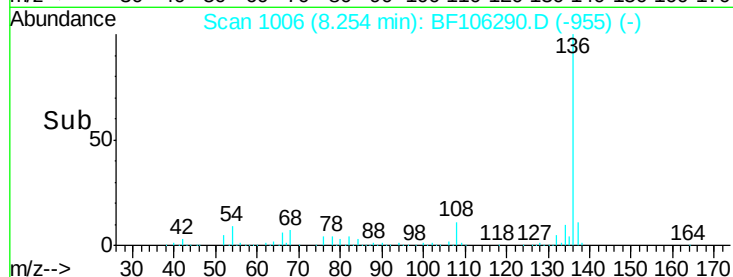


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.961 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Tgt Ion:105 Resp: 947064

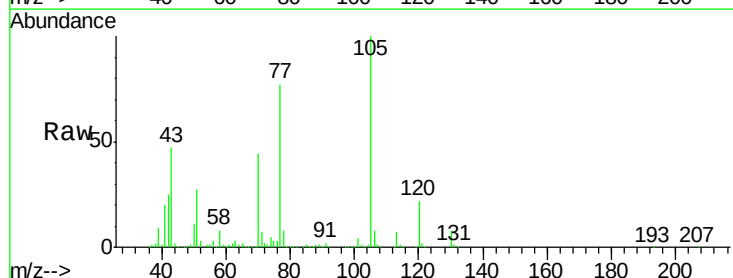
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 27.3 22.3 33.5

120 21.9 16.9 25.3

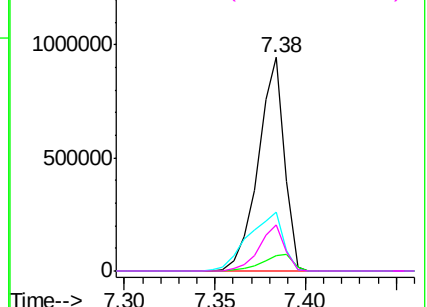
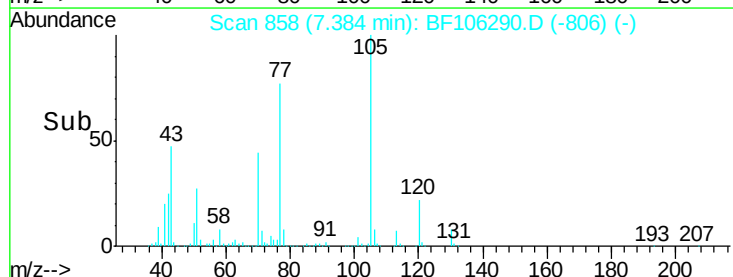


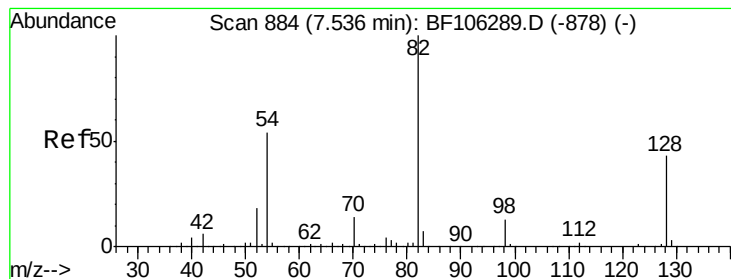
Abundance Ion 105.00 (104.70 to 105.70): E

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: 99.315 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampled :

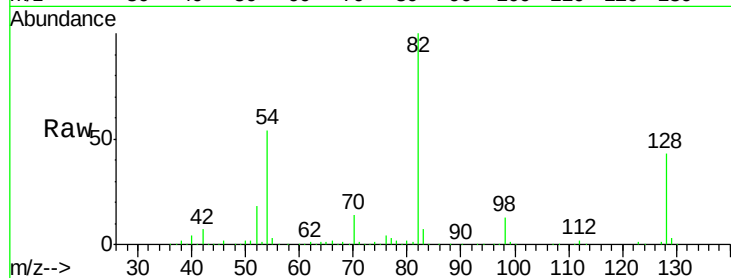
Tot Ion: 82 Resp: 1380313

Ion Ratio Lower Upper

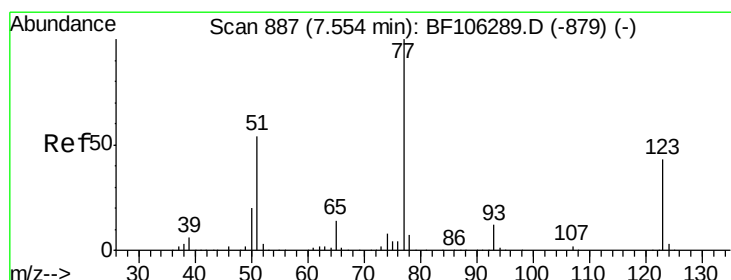
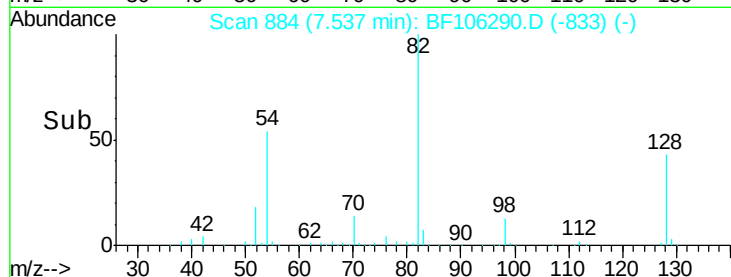
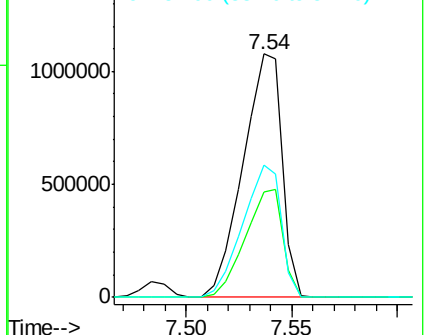
82 100

128 43.4 36.1 54.1

54 54.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 50.840 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

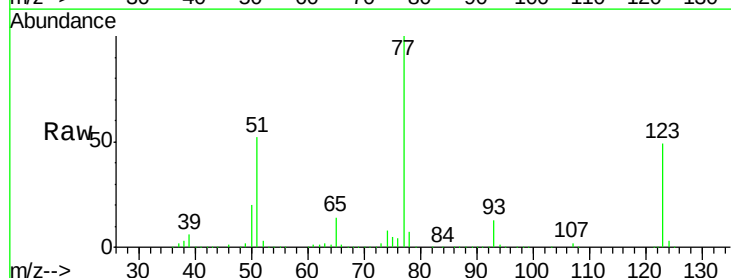
Tgt Ion: 77 Resp: 743974

Ion Ratio Lower Upper

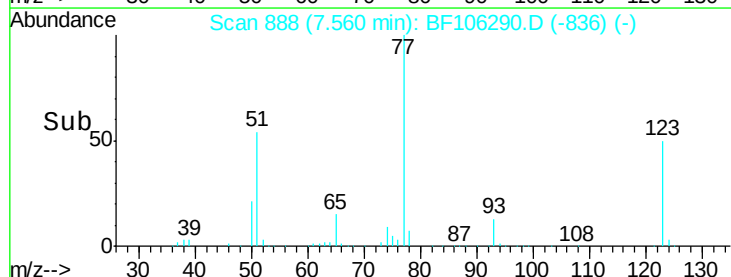
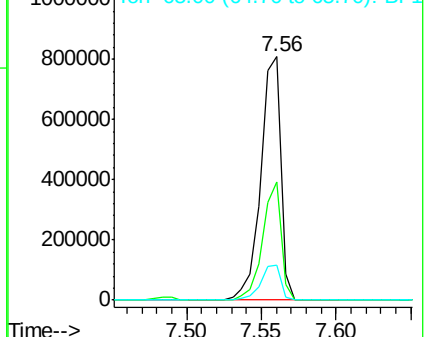
77 100

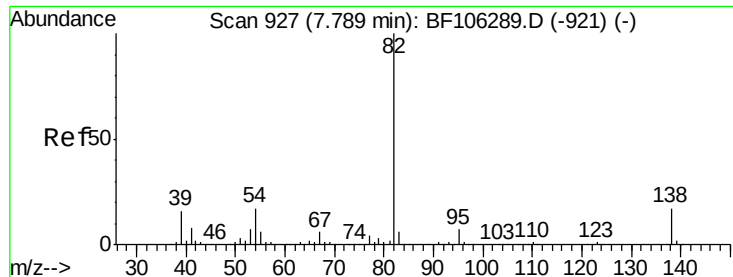
123 48.6 37.9 56.9

65 14.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.488 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

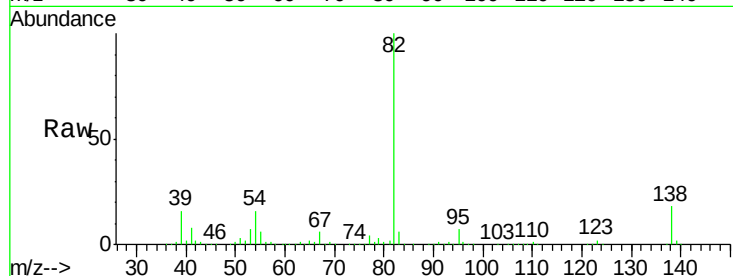
Tot Ion: 82 Resp: 1301823

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

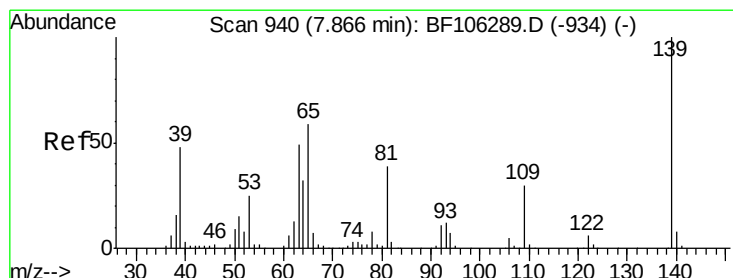
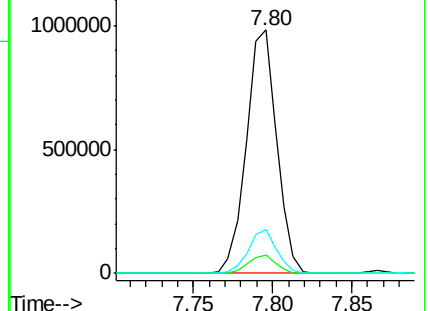
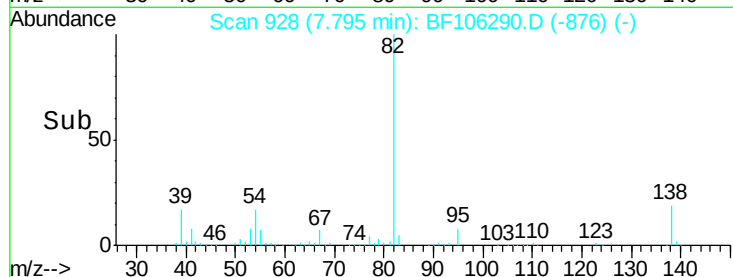
138 18.1 14.9 22.3



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: 41.812 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

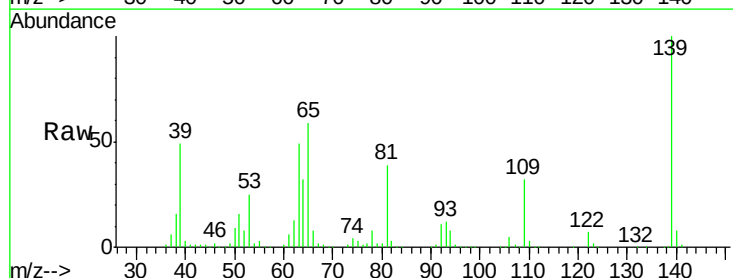
Tgt Ion: 139 Resp: 308720

Ion Ratio Lower Upper

139 100

109 32.4 22.7 34.1

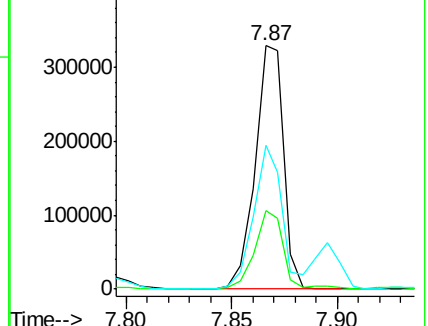
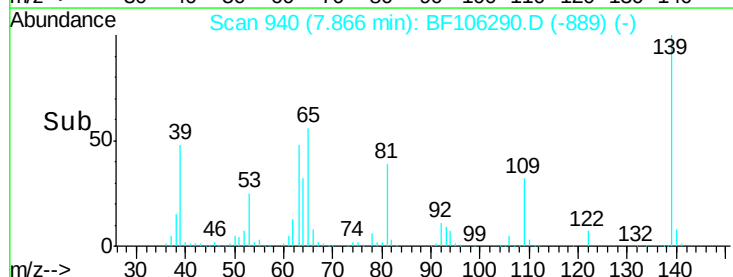
65 59.0 40.5 60.7

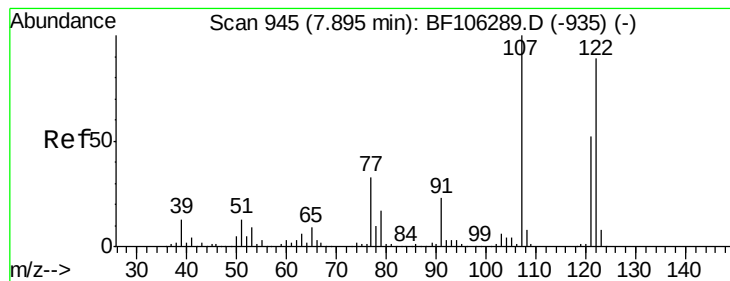


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.119 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampled :

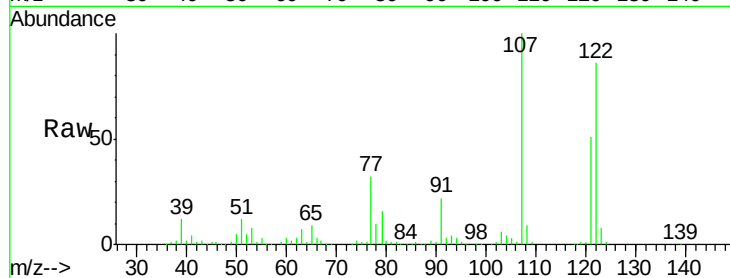
Tot Ion:122 Resp: 571485

Ion Ratio Lower Upper

122 100

107 116.8 91.2 136.8

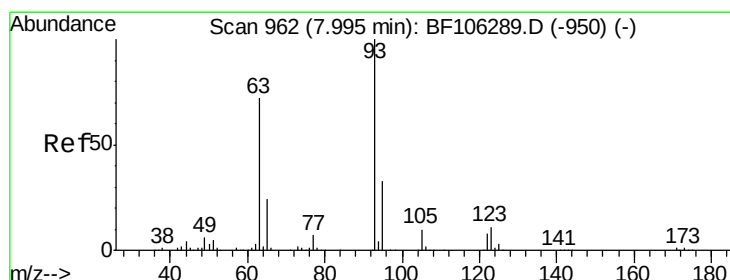
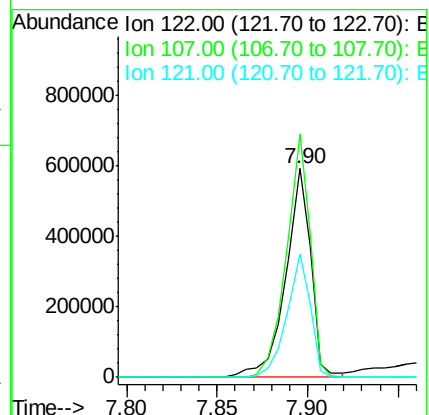
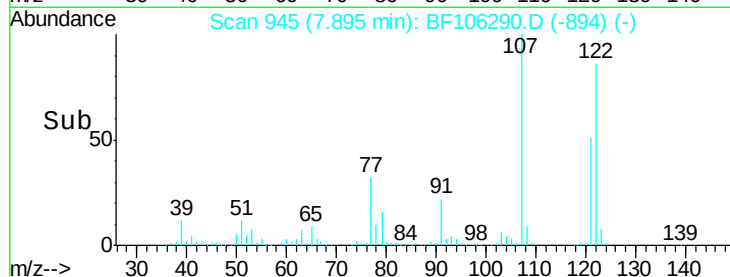
121 59.0 47.2 70.8



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: 51.665 ng

RT: 8.00 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

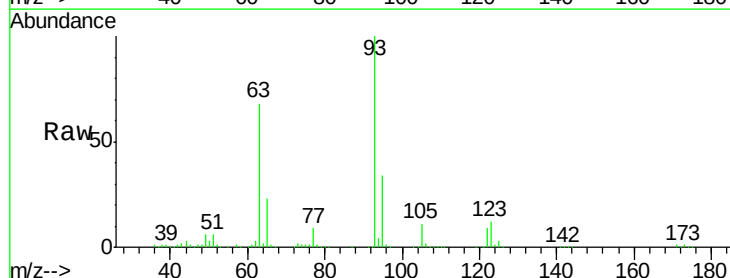
Tgt Ion: 93 Resp: 833605

Ion Ratio Lower Upper

93 100

95 34.4 26.3 39.5

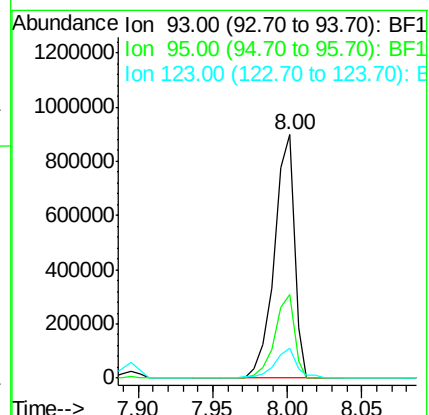
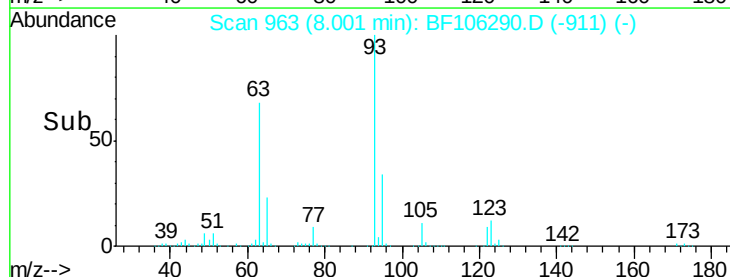
123 12.3 9.8 14.6

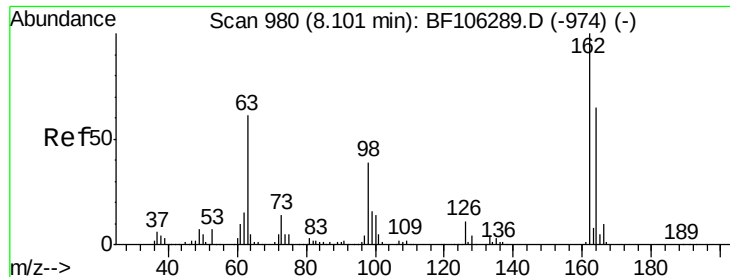


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.238 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

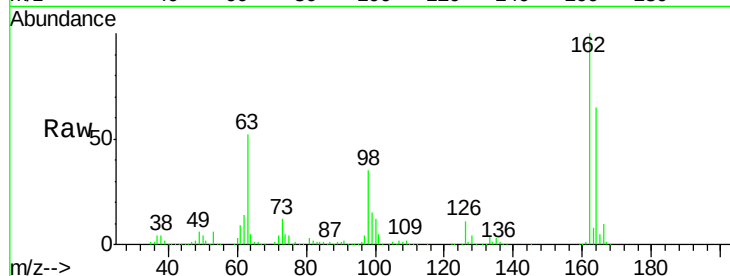
Tot Ion:162 Resp: 559602

Ion Ratio Lower Upper

162 100

164 65.5 42.7 82.7

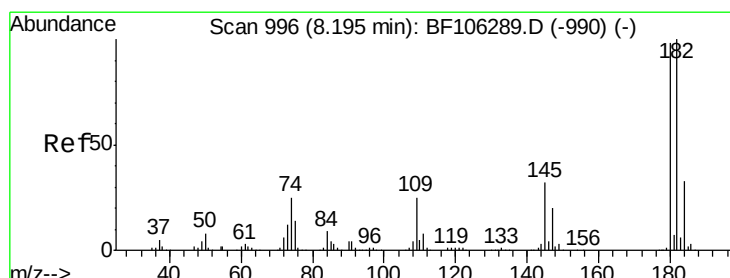
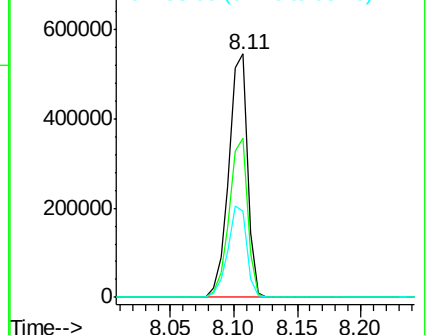
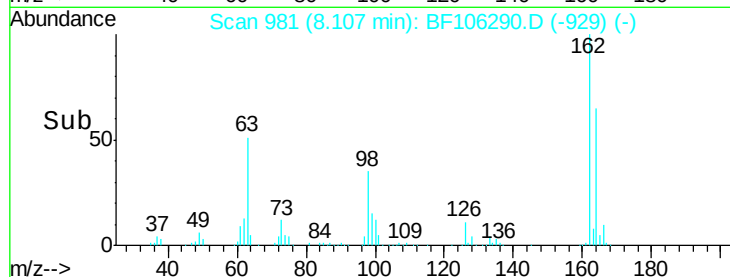
98 35.2 18.1 58.1



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: 49.715 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

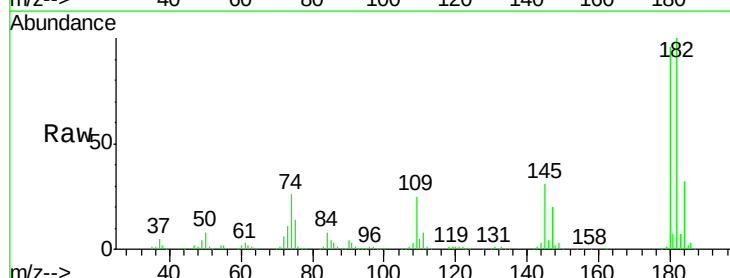
Tgt Ion:180 Resp: 597633

Ion Ratio Lower Upper

180 100

182 104.6 76.8 115.2

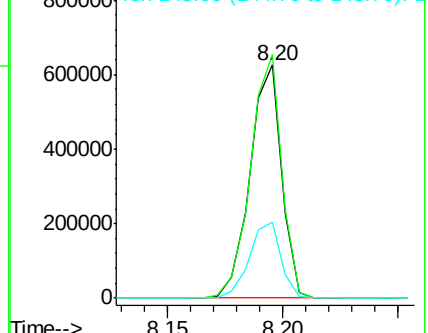
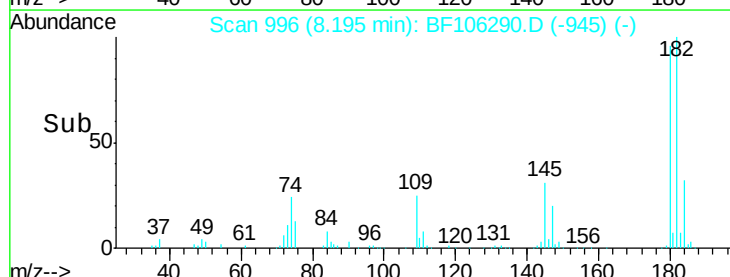
145 32.8 26.5 39.7

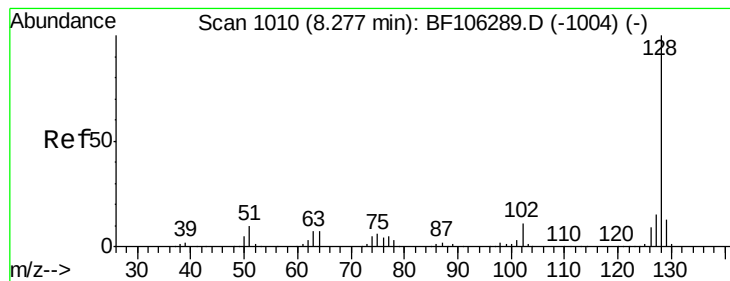


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.672 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

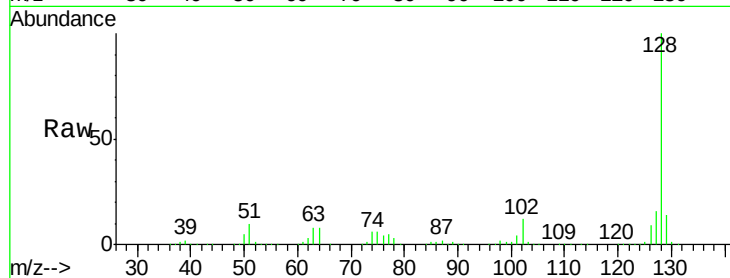
Tot Ion:128 Resp: 1680764

Ion Ratio Lower Upper

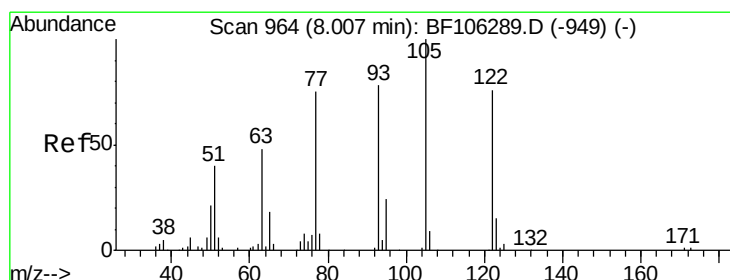
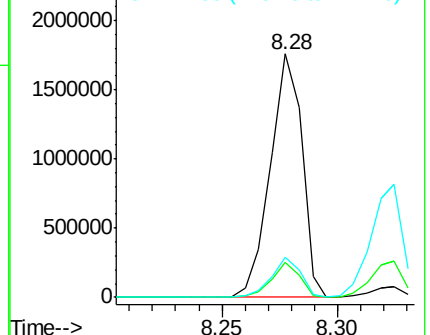
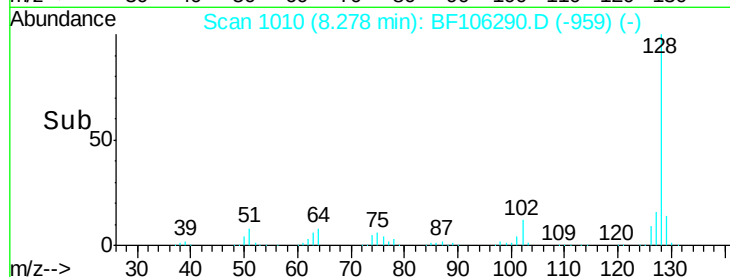
128 100

129 14.2 8.8 13.2#

127 16.3 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: 34.619 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

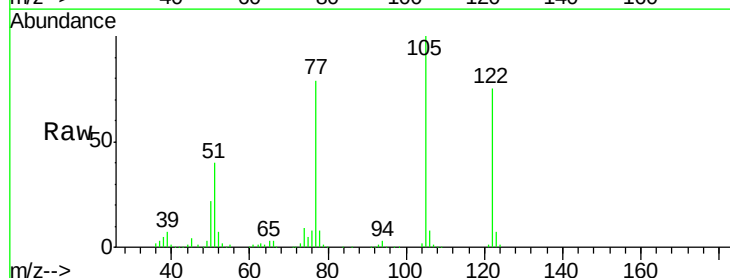
Tgt Ion:122 Resp: 311909

Ion Ratio Lower Upper

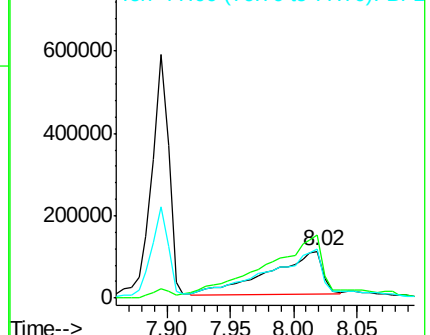
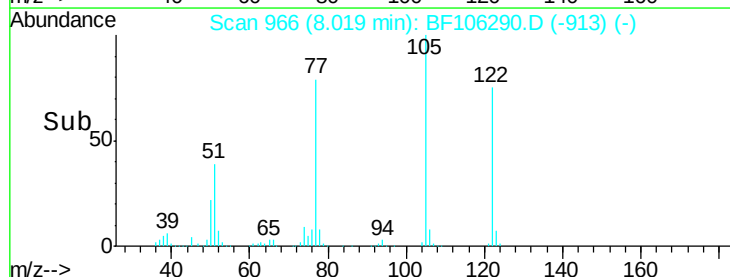
122 100

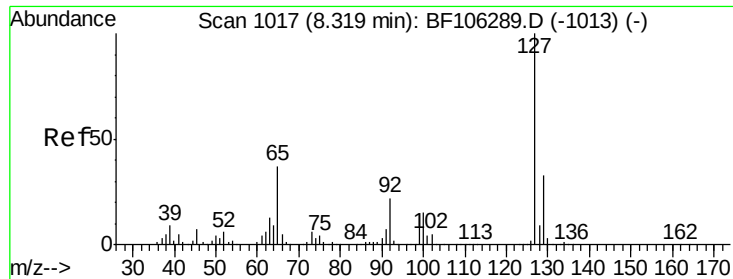
105 133.8 101.1 141.1

77 105.3 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

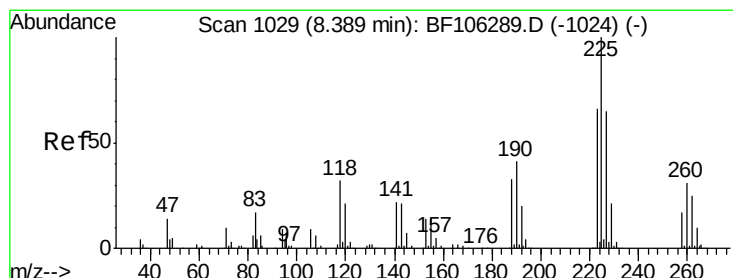
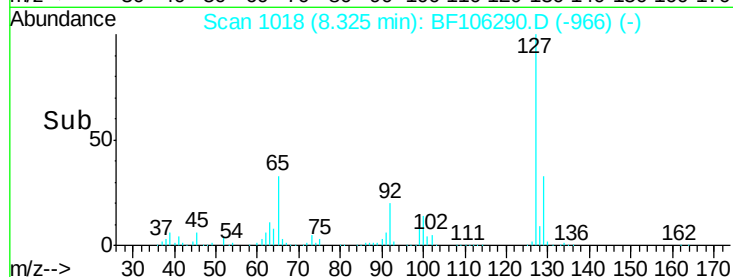
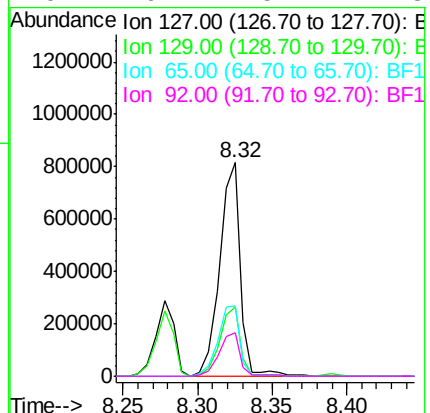
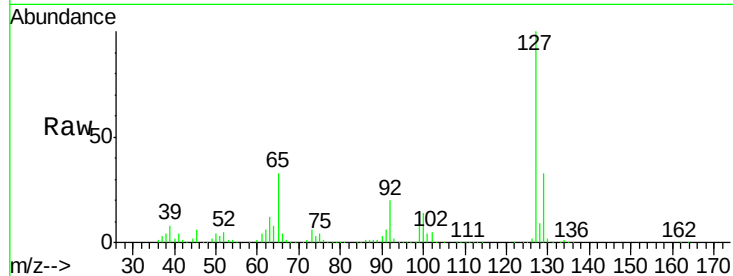




#33
4-Chloroaniline
Concen: 48.411 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

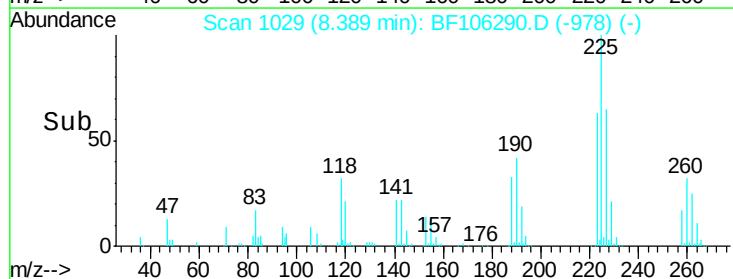
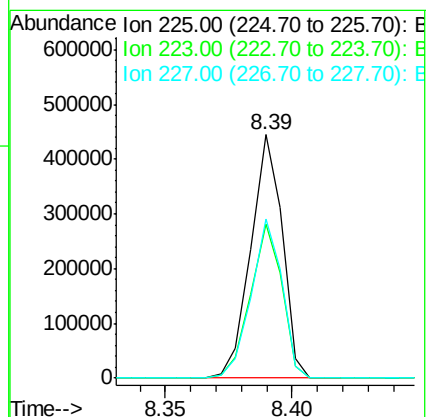
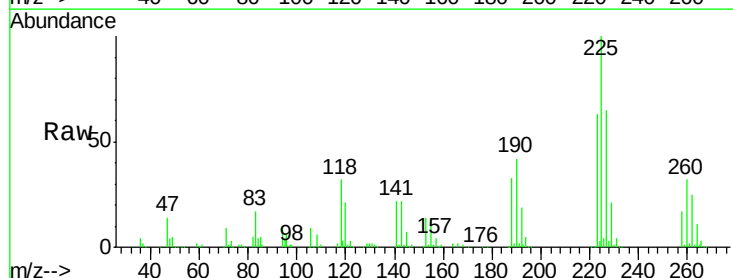
Instrument :
BNA_F
ClientSampleId :

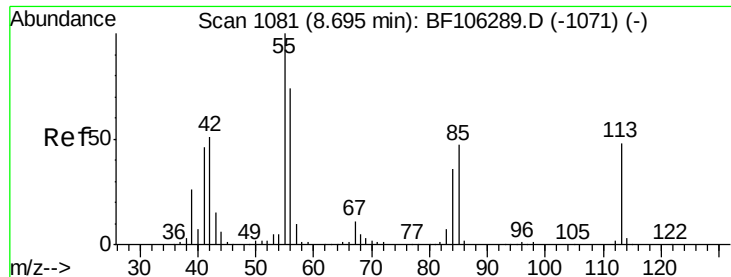
Tot Ion:	127	Resp:	791669
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	33.2	25.0	37.4
92	20.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 59.525 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:	225	Resp:	385486
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	65.5	51.9	77.9

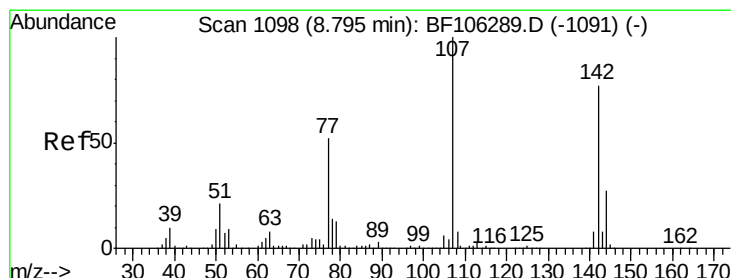
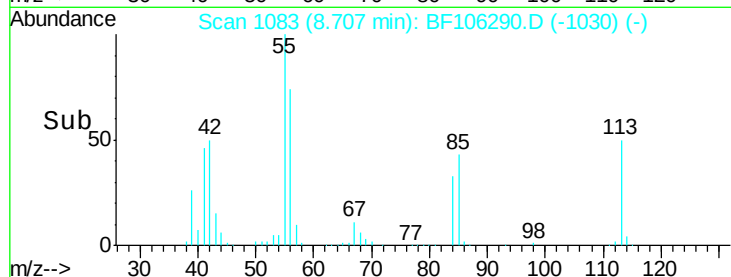
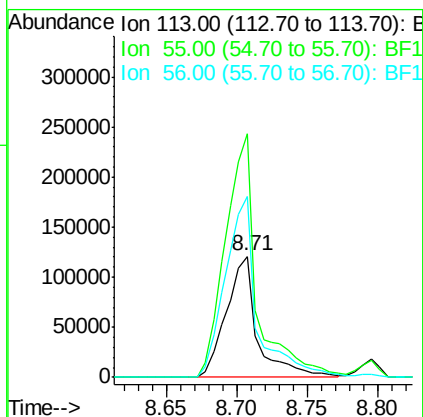
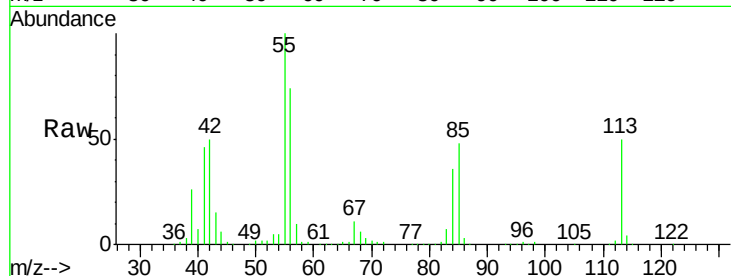




#35
 Caprolactam
 Concen: 53.193 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

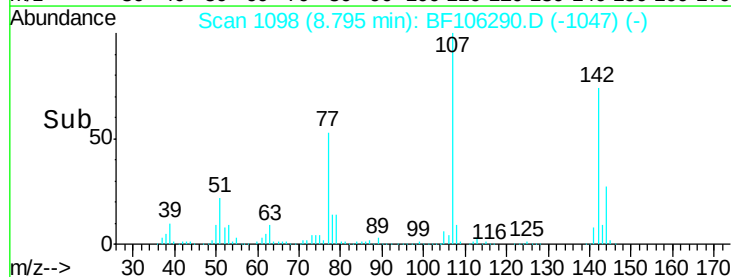
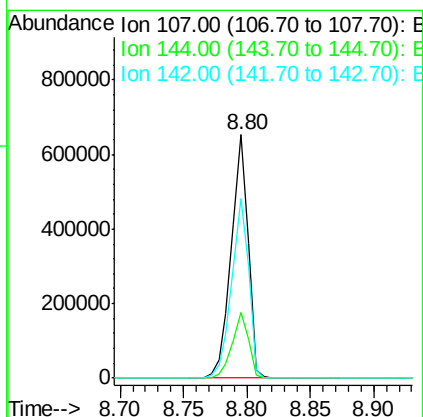
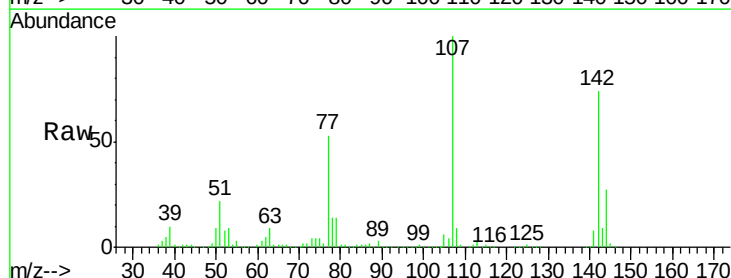
Instrument :
 BNA_F
 ClientSampled :

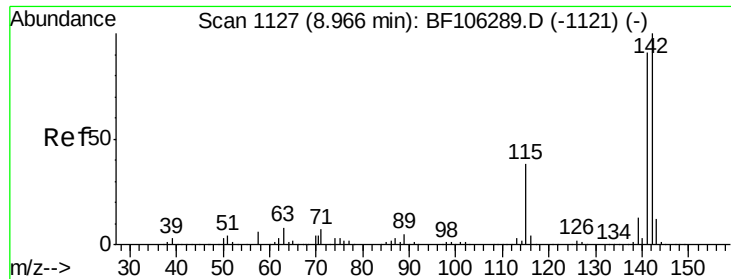
Tot Ion:113 Resp: 186836
 Ion Ratio Lower Upper
 113 100
 55 201.3 163.3 203.3
 56 149.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.028 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:107 Resp: 599816
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 73.9 62.0 93.0

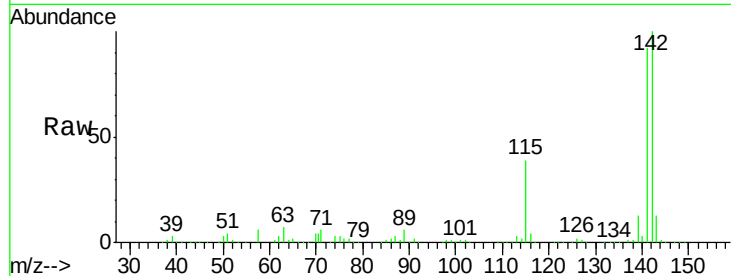




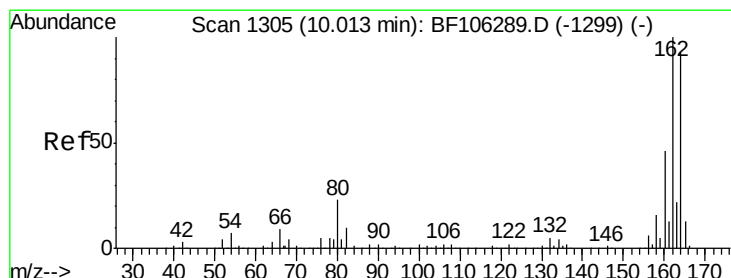
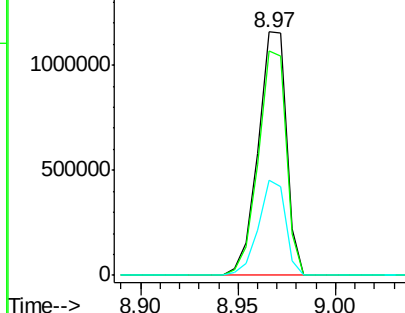
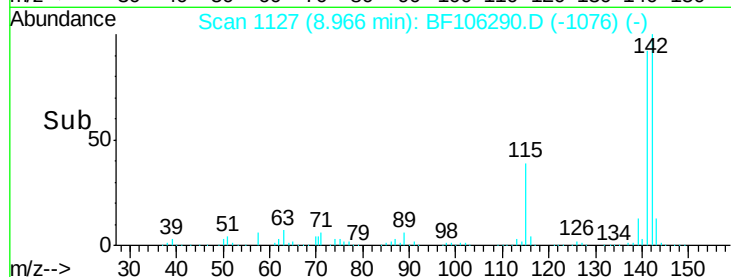
#37
2-Methylnaphthalene
Concen: 44.032 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1166388
Ion Ratio Lower Upper
142 100
141 92.2 70.8 106.2
115 38.9 26.1 39.1

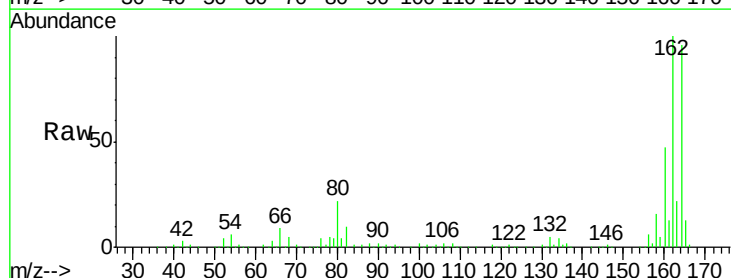


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

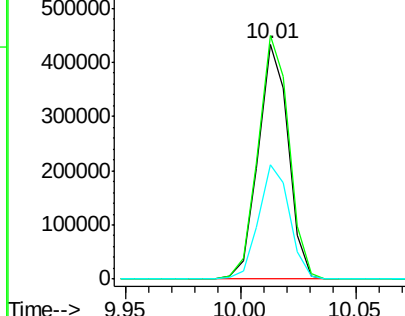
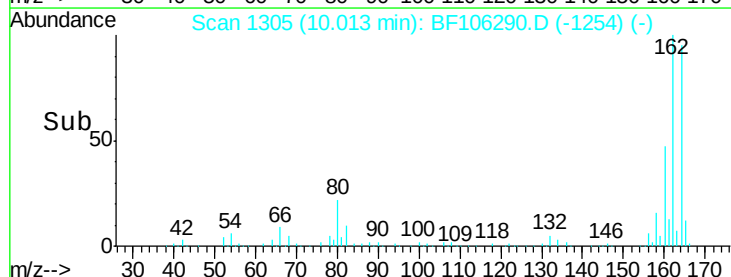


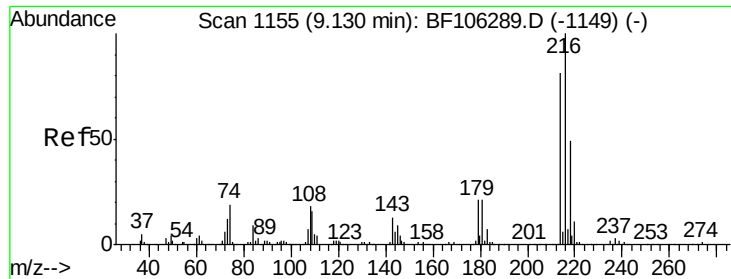
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:164 Resp: 394115
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 48.6 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.394 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 611072

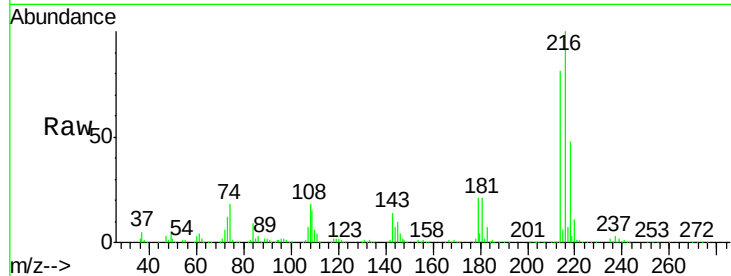
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.3 18.1 27.1

108 19.3 17.2 25.8

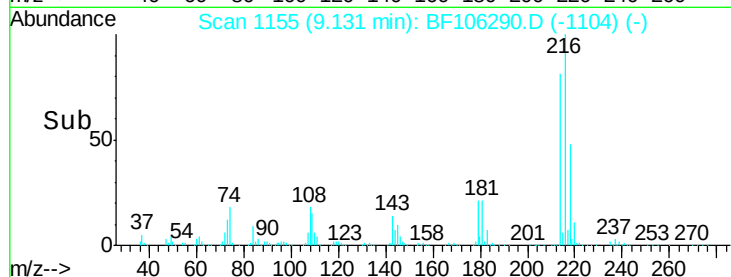


Abundance Ion 216.00 (215.70 to 216.70): E

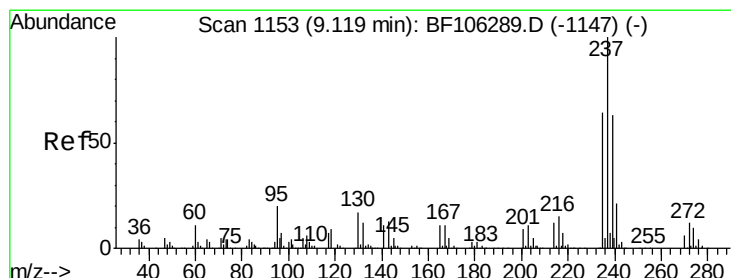
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 47.508 ng

RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

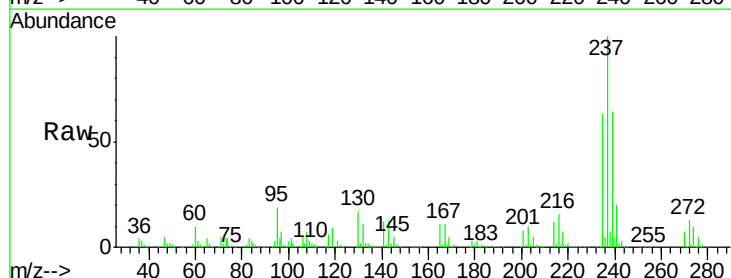
Tgt Ion:237 Resp: 382281

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

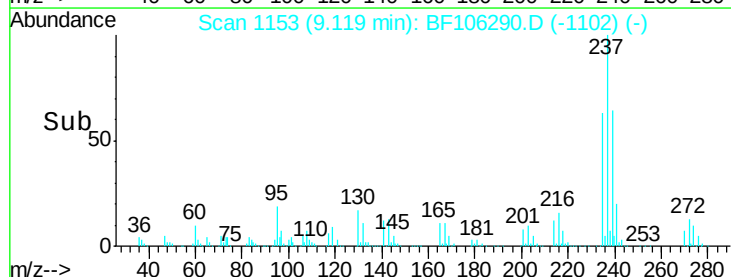
272 12.8 0.0 33.3



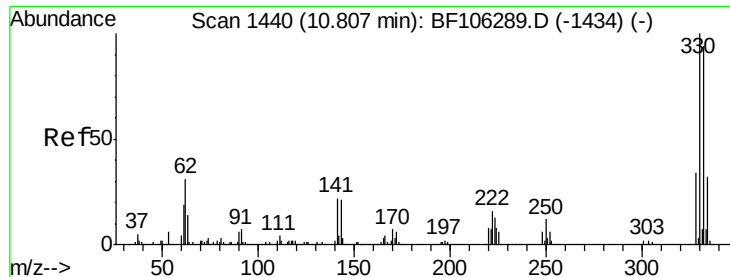
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



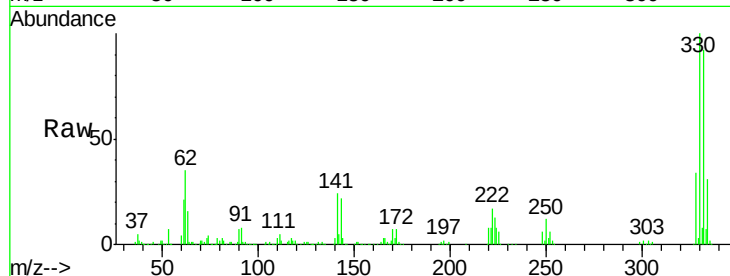
Time-->



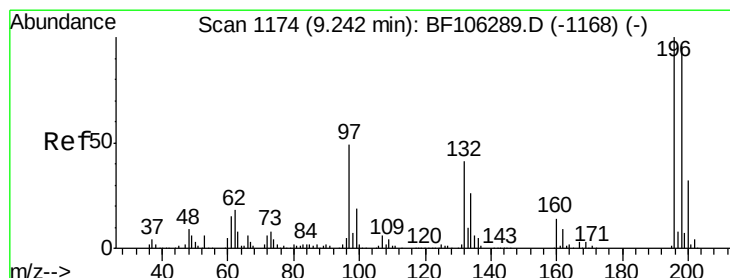
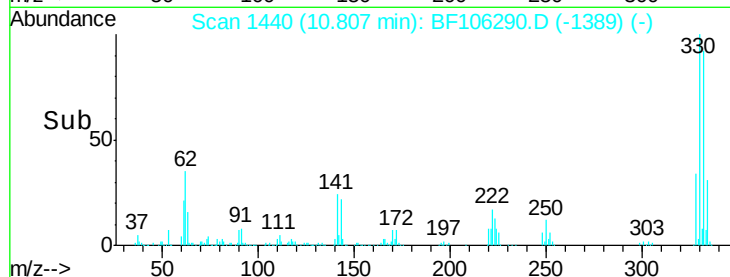
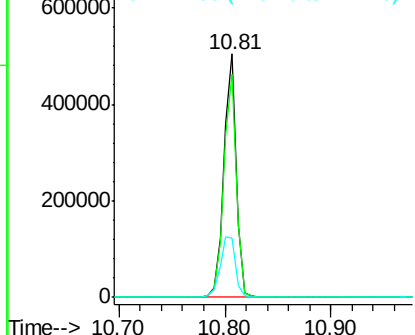
#41
 2,4,6-Tribromophenol
 Concen: 81.613 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 415562
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 30.7 29.9 44.9

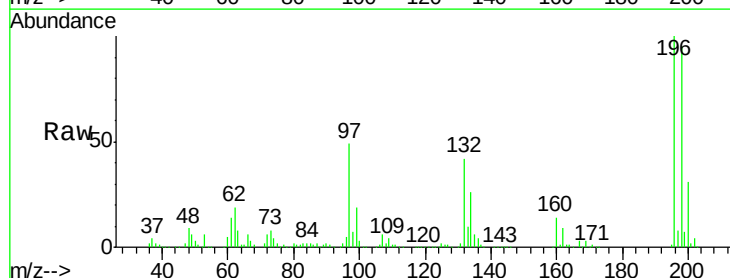


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

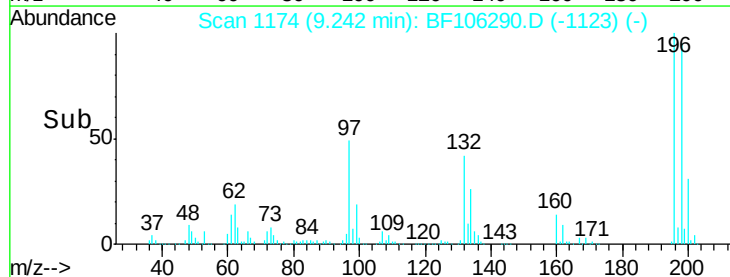
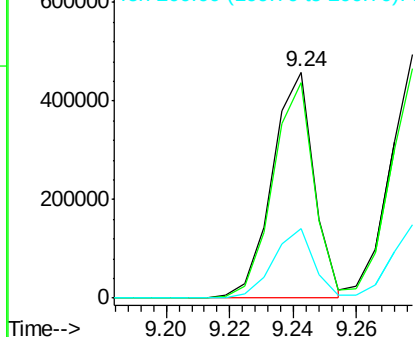


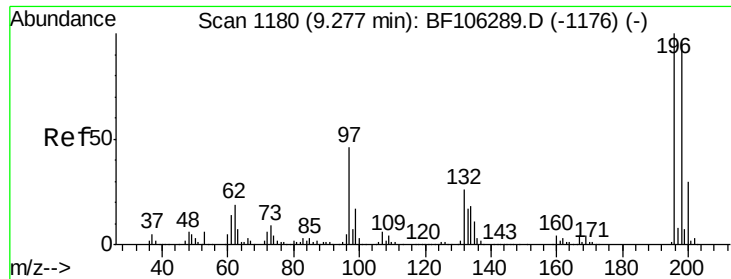
#42
 2,4,6-Trichlorophenol
 Concen: 52.167 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:196 Resp: 421767
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.6 24.5 36.7



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

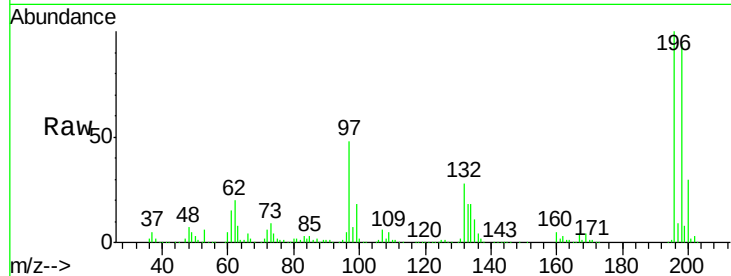




#43
 2,4,5-Trichlorophenol
 Concen: 51.597 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	48.2	42.9	64.3
132	27.9	26.3	39.5



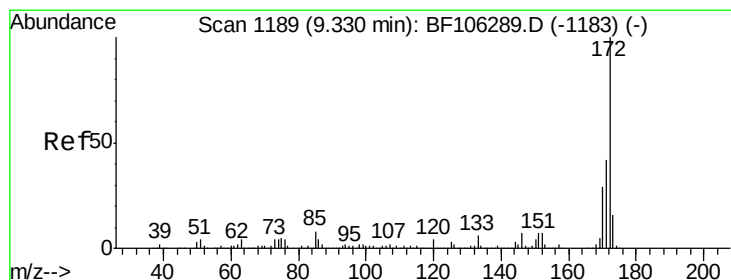
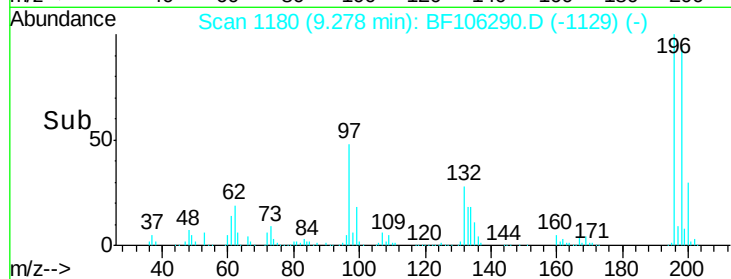
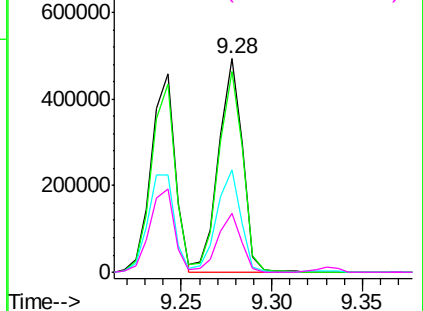
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

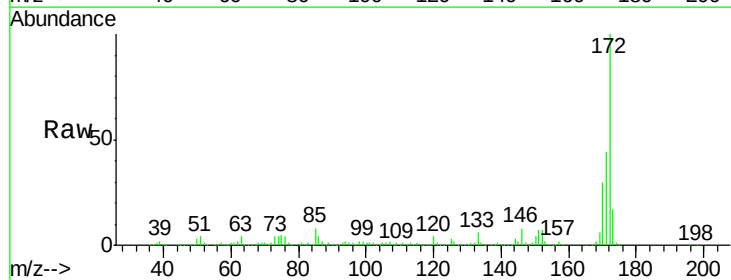
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.289 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.8	29.7	44.5
170	30.3	19.6	29.4

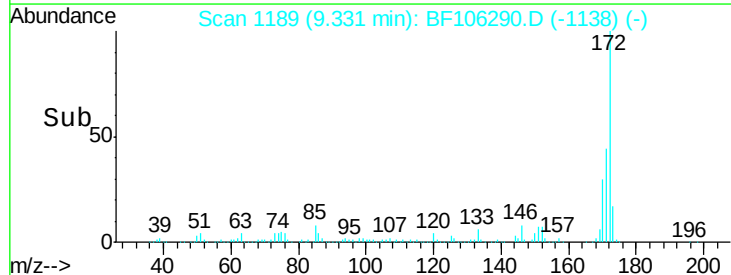
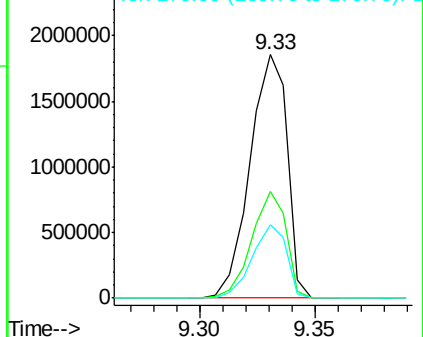


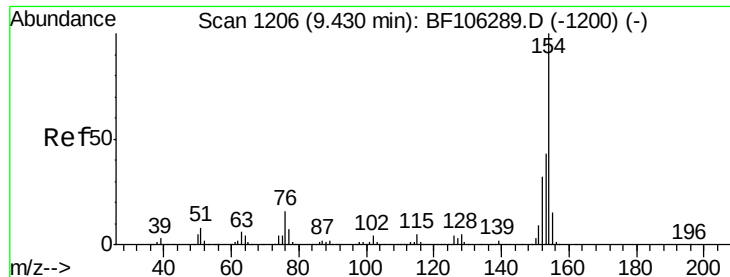
Abundance

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: 39.329 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

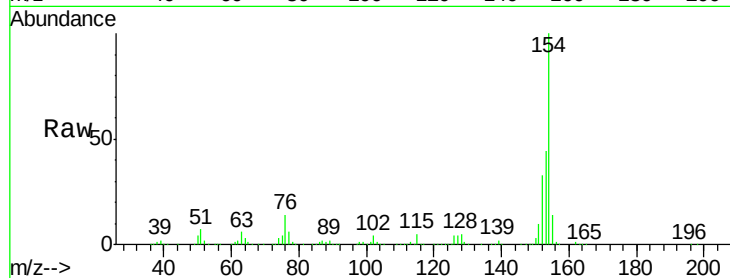
Tot Ion:154 Resp: 1379482

Ion Ratio Lower Upper

154 100

153 44.4 21.3 61.3

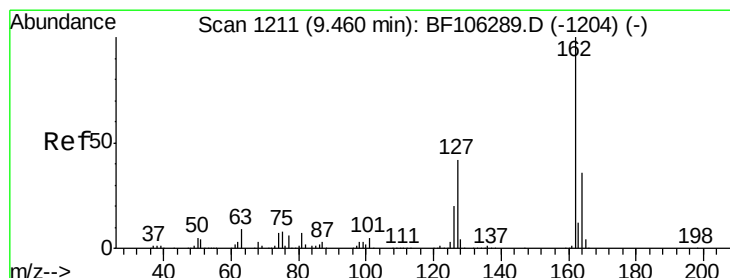
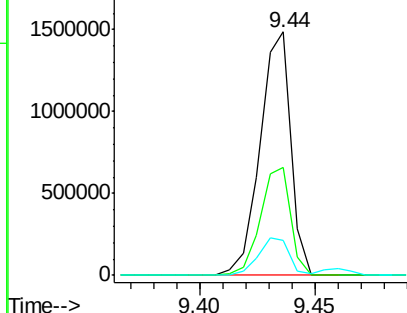
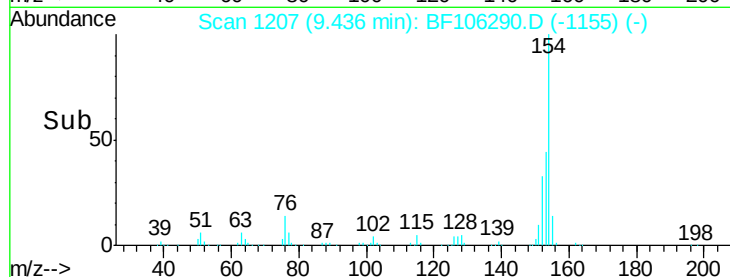
76 14.2 0.0 34.0



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: 43.478 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

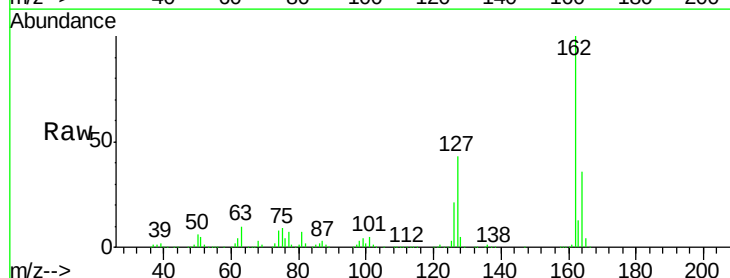
Tgt Ion:162 Resp: 1142214

Ion Ratio Lower Upper

162 100

127 43.4 33.9 50.9

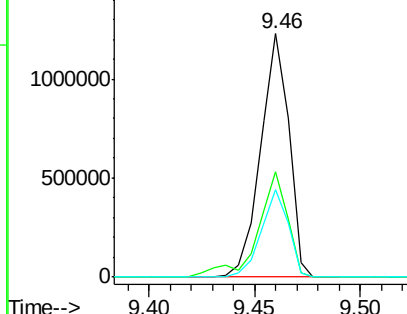
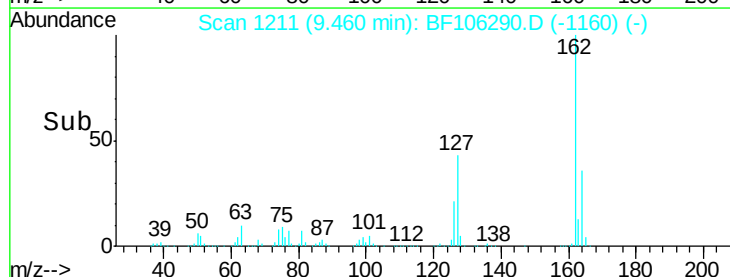
164 35.7 26.5 39.7

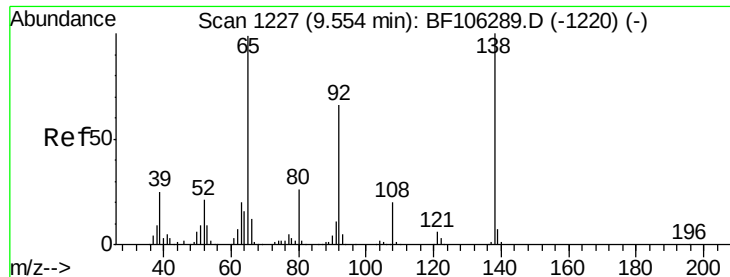


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

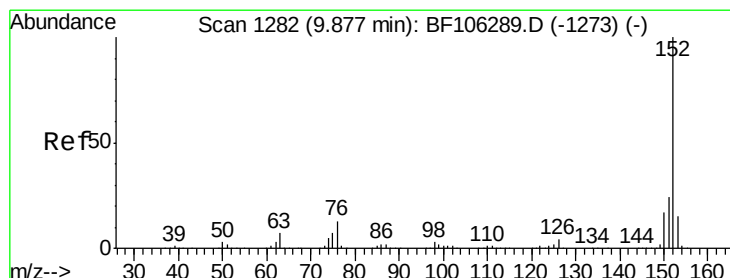
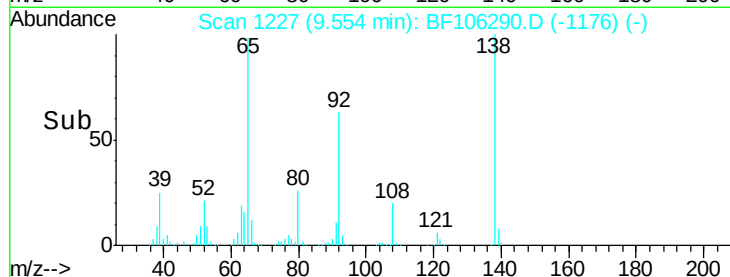
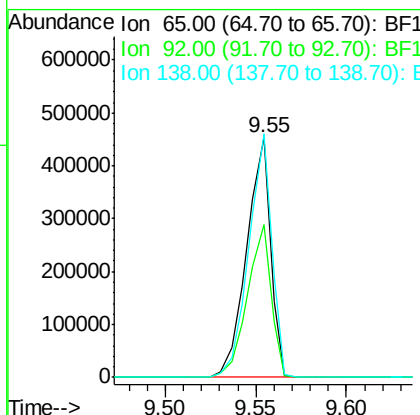
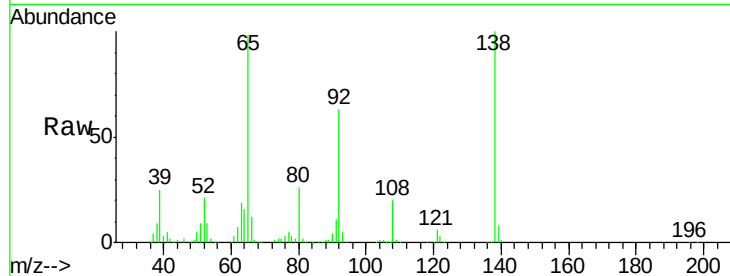




#47
2-Nitroaniline
Concen: 47.279 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

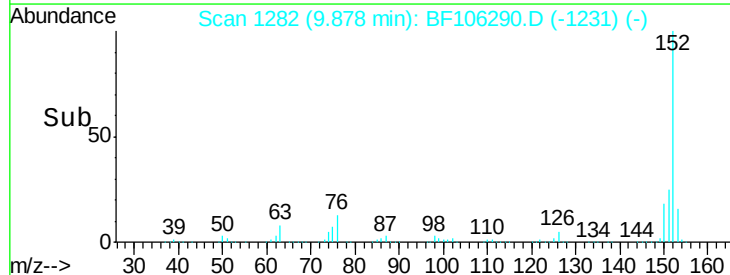
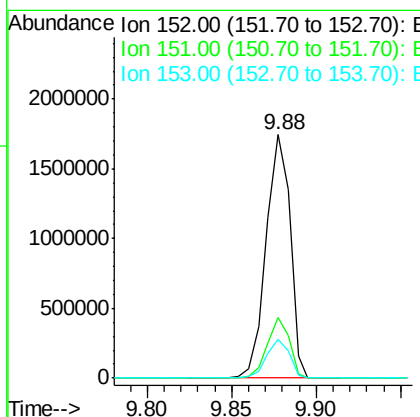
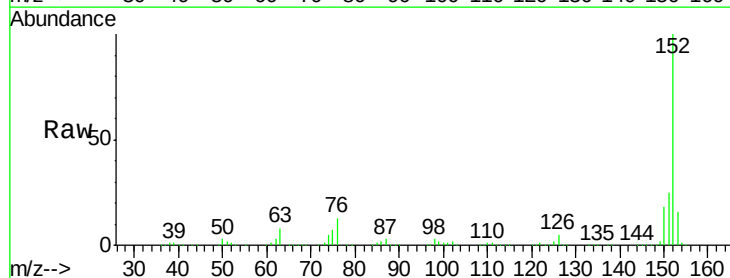
Instrument :
BNA_F
ClientSampleId :

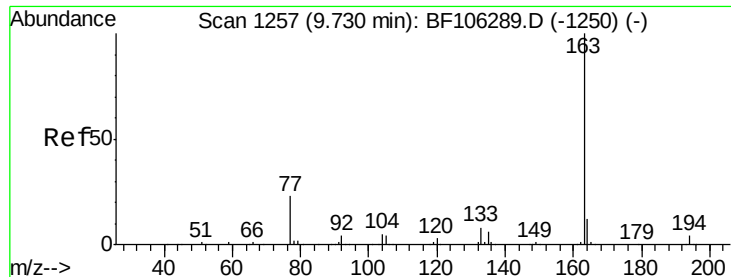
Tot Ion: 65 Resp: 417312
Ion Ratio Lower Upper
65 100
92 63.9 55.8 83.6
138 101.6 91.2 136.8



#48
Acenaphthylene
Concen: 42.637 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion: 152 Resp: 1716793
Ion Ratio Lower Upper
152 100
151 24.8 16.3 24.5#
153 16.2 10.7 16.1#

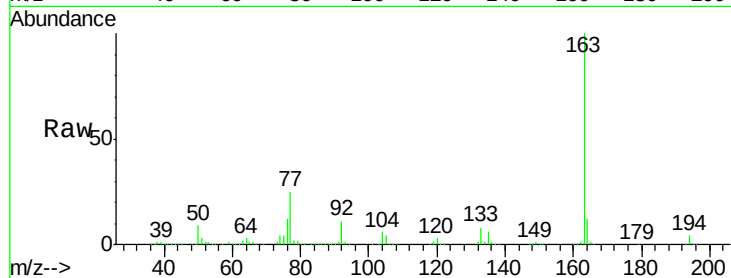




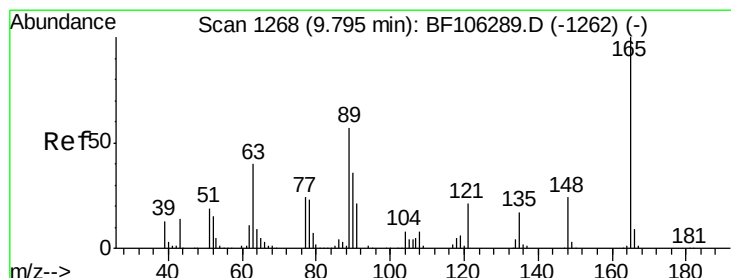
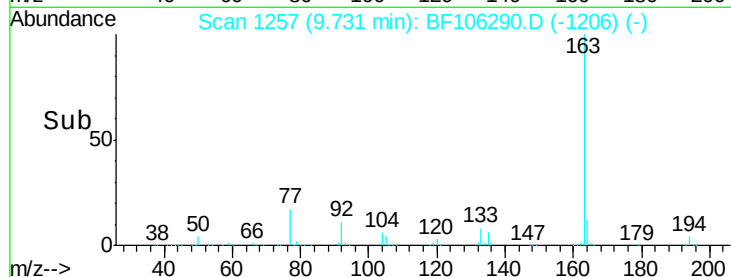
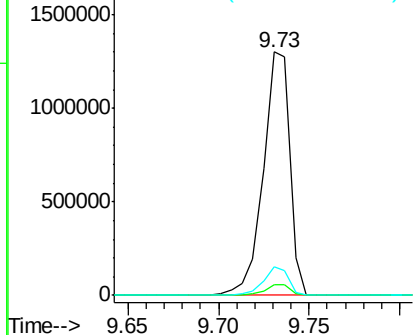
#49
Dimethylphthalate
Concen: 43.755 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1323853
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.6 8.2 12.2

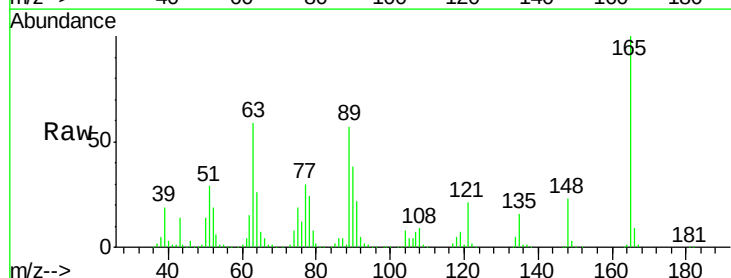


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

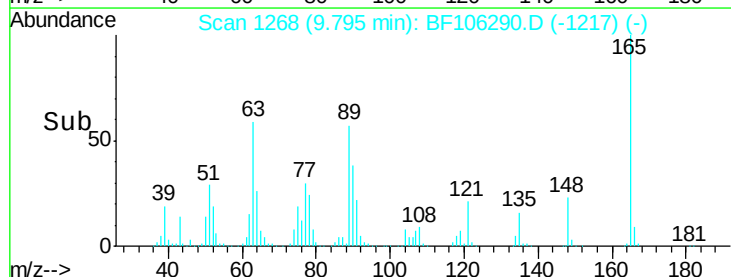
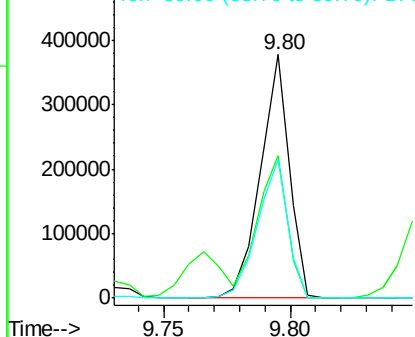


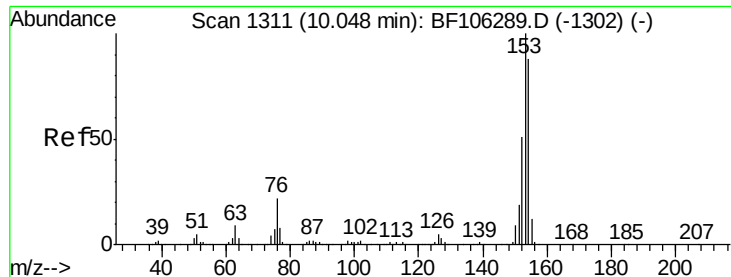
#50
2,6-Dinitrotoluene
Concen: 45.308 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:165 Resp: 301807
Ion Ratio Lower Upper
165 100
63 58.6 44.7 67.1
89 57.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.436 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

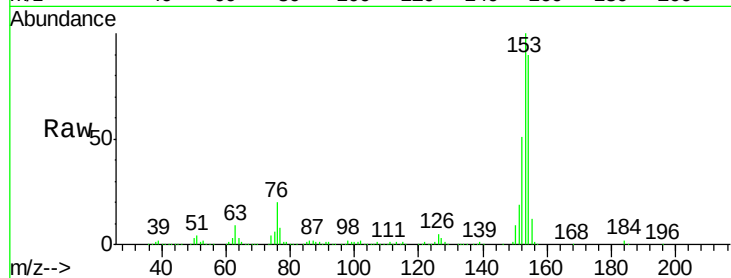
Tot Ion:154 Resp: 1131216

Ion Ratio Lower Upper

154 100

153 110.7 91.2 136.8

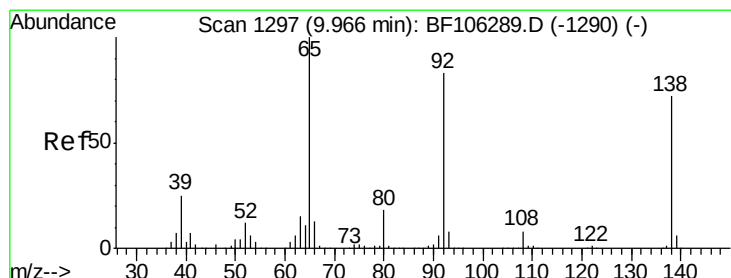
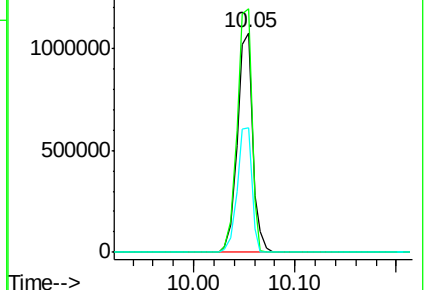
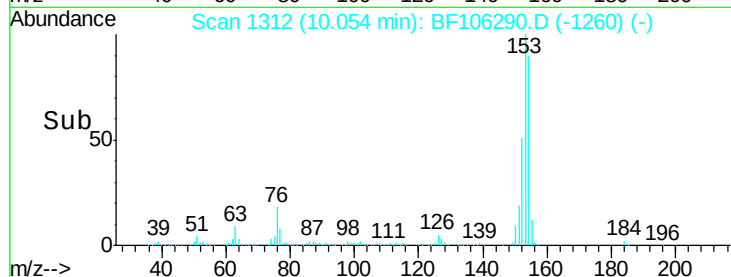
152 56.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.678 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

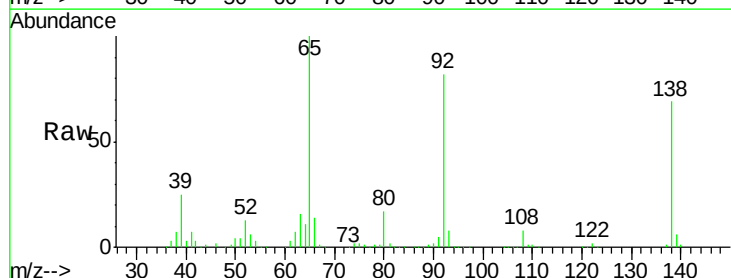
Tgt Ion:138 Resp: 358267

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

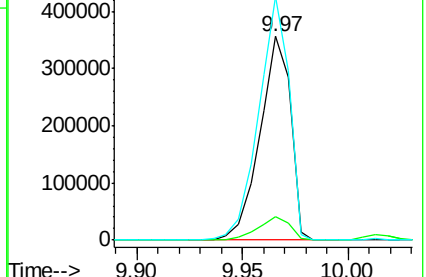
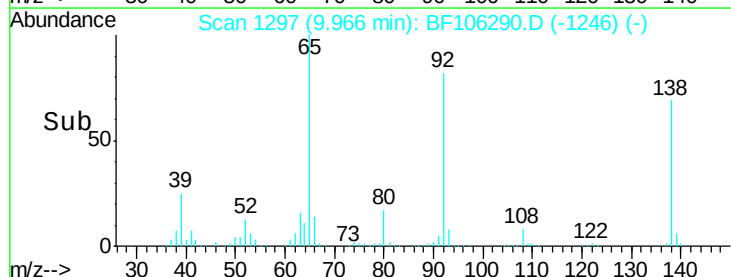
92 119.7 89.4 134.2

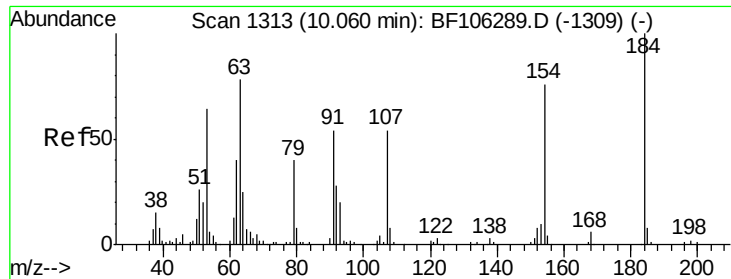


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

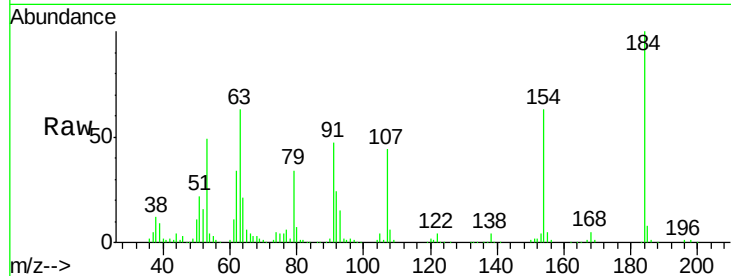




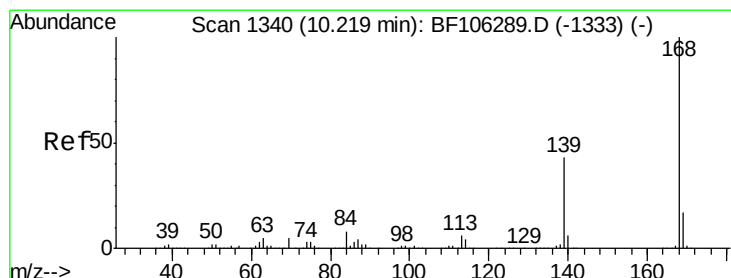
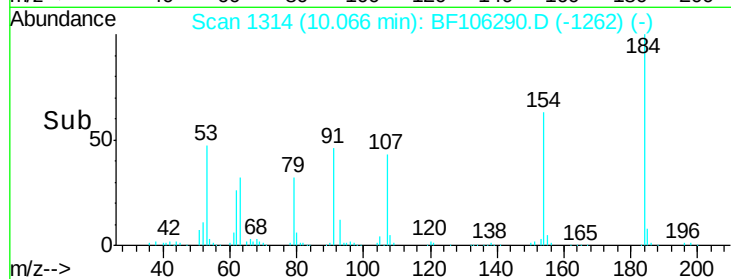
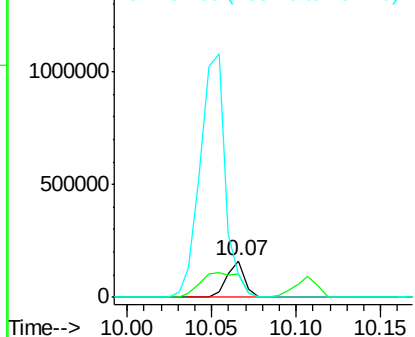
#53
2,4-Dinitrophenol
Concen: 30.490 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 119361
Ion Ratio Lower Upper
184 100
63 63.4 54.2 81.2
154 62.8 184.0 276.0#

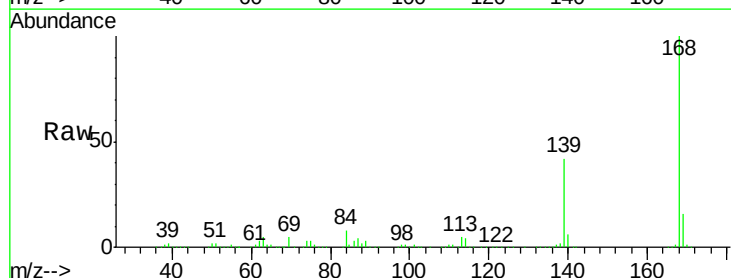


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

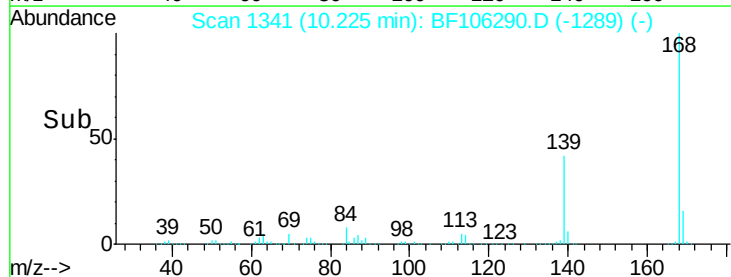
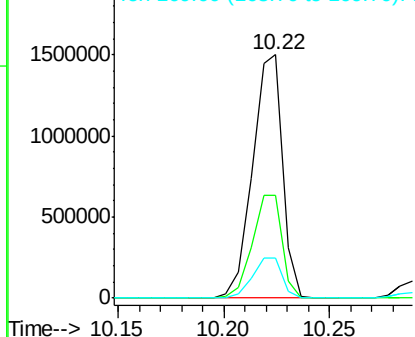


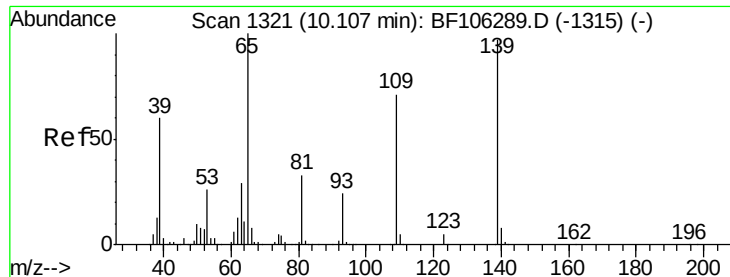
#54
Dibenzofuran
Concen: 41.365 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:168 Resp: 1481230
Ion Ratio Lower Upper
168 100
139 42.2 30.1 45.1
169 16.4 10.9 16.3#



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

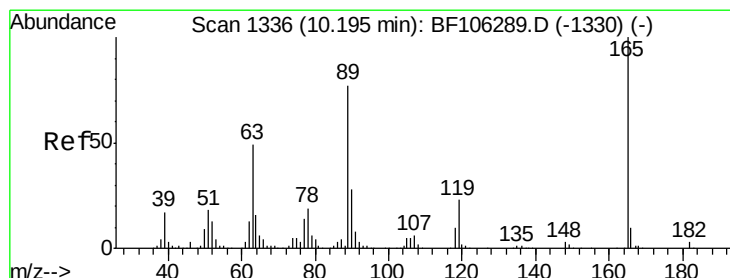
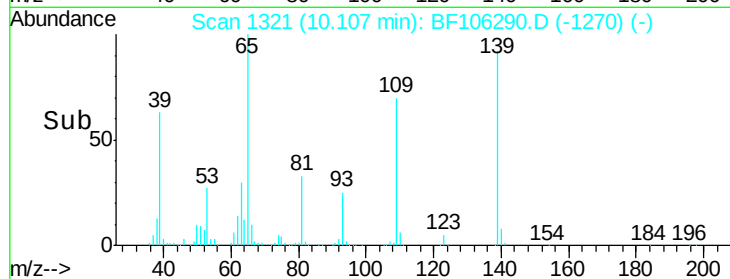
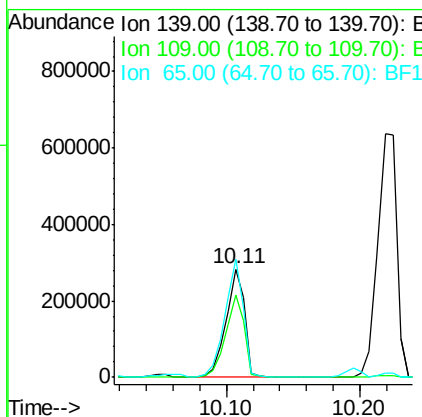
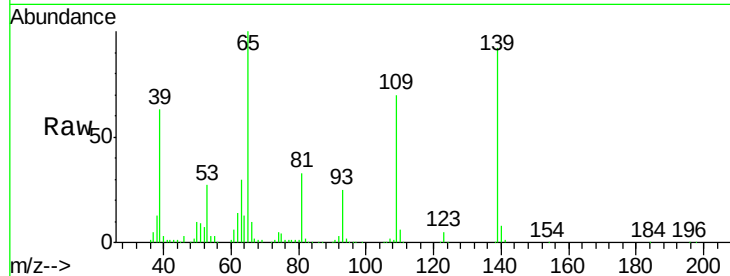




#55
4-Nitrophenol
Concen: 44.435 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

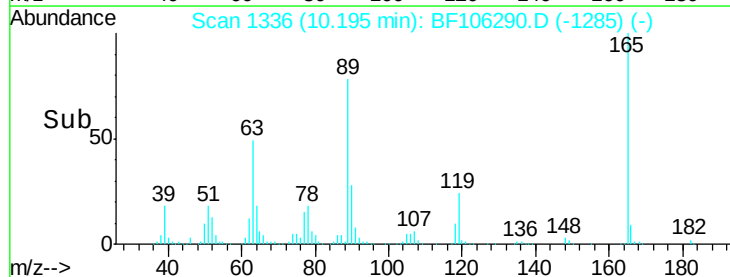
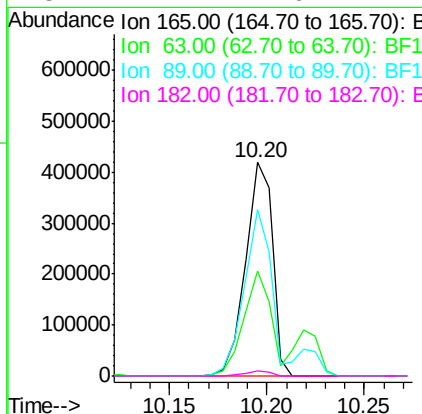
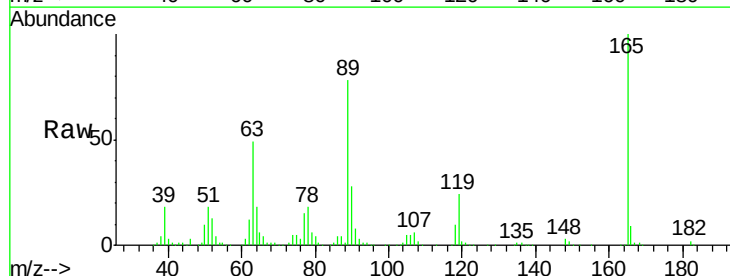
Instrument :
BNA_F
ClientSampled :

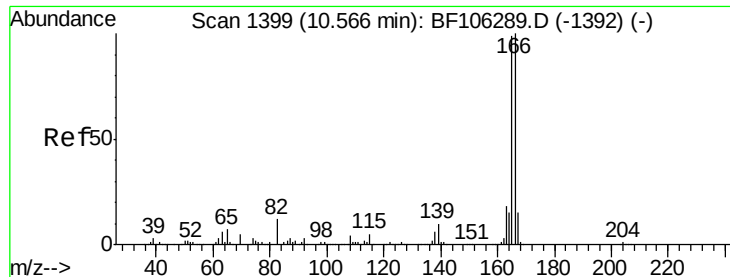
Tot Ion:139 Resp: 278960
Ion Ratio Lower Upper
139 100
109 76.1 48.4 88.4
65 109.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.358 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:165 Resp: 401732
Ion Ratio Lower Upper
165 100
63 49.3 36.4 54.6
89 77.9 57.8 86.6
182 2.2 1.6 2.4

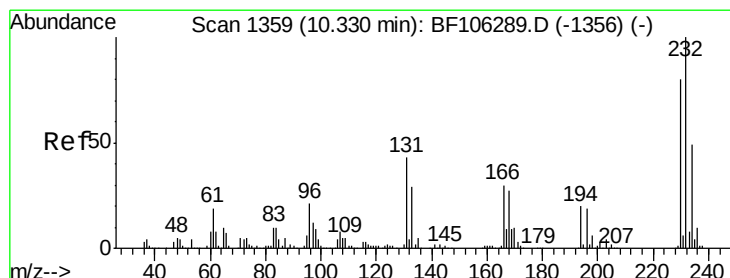
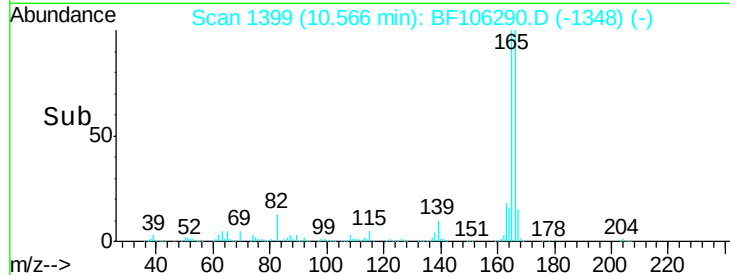
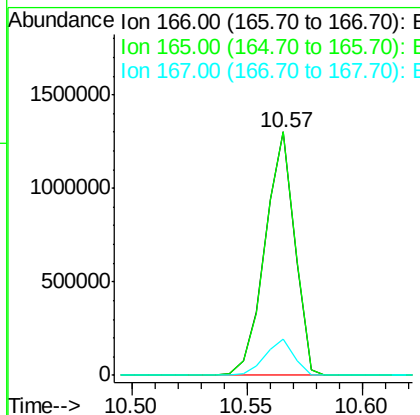
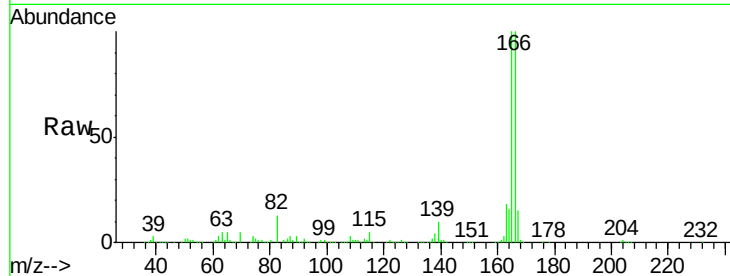




#57
 Fluorene
 Concen: 43.040 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

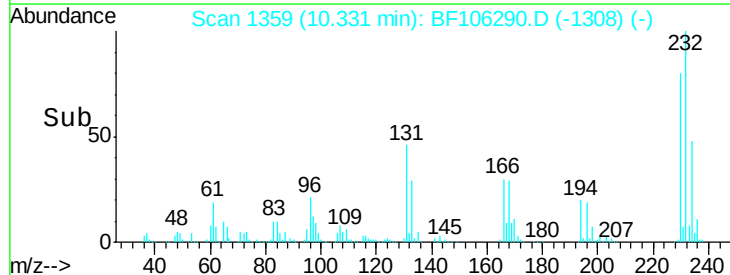
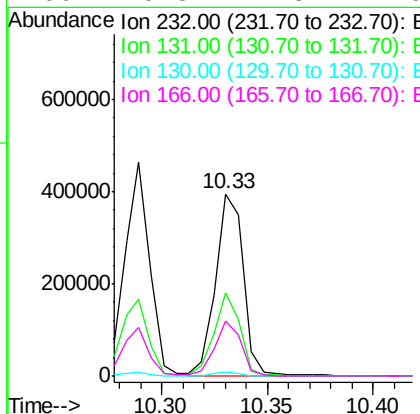
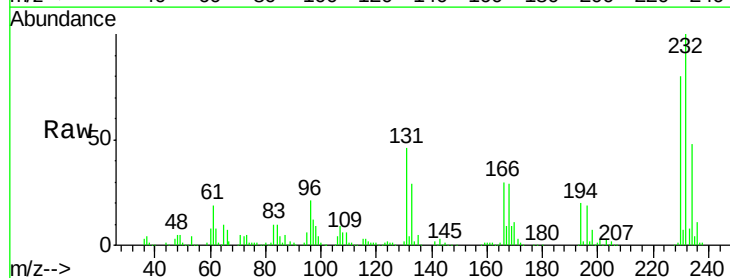
Instrument :
 BNA_F
 ClientSampleId :

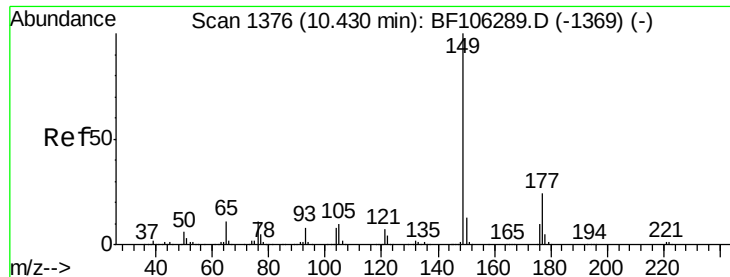
Tot Ion:166 Resp: 1166251
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 14.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.595 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:232 Resp: 357996
 Ion Ratio Lower Upper
 232 100
 131 43.3 43.8 65.8#
 130 2.0 2.1 3.1#
 166 29.3 27.8 41.6

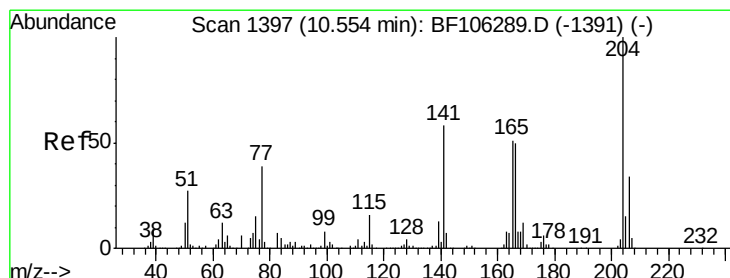
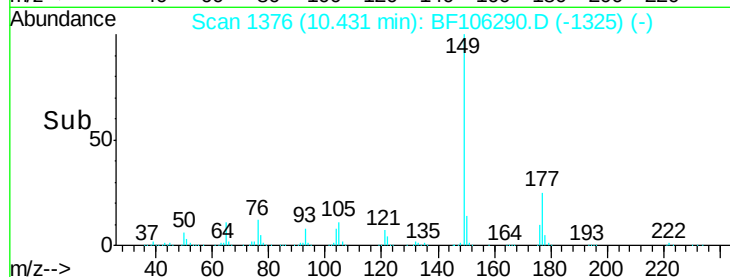
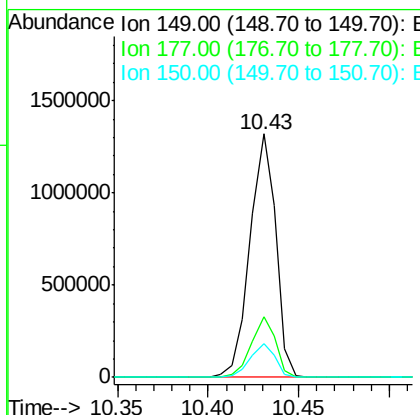
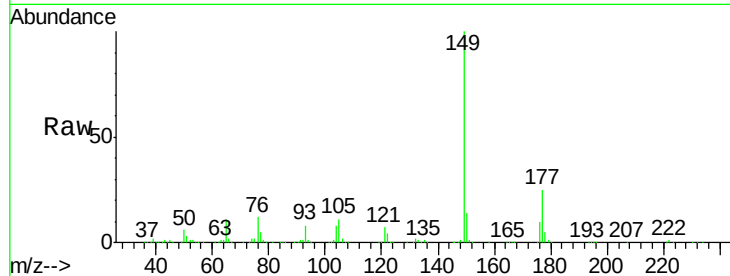




#59
Diethylphthalate
Concen: 43.400 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

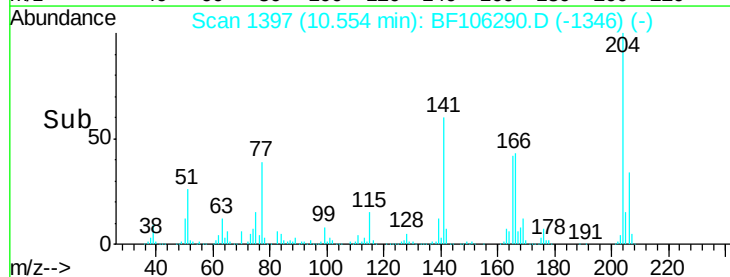
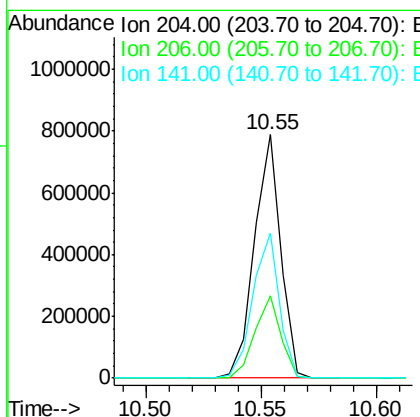
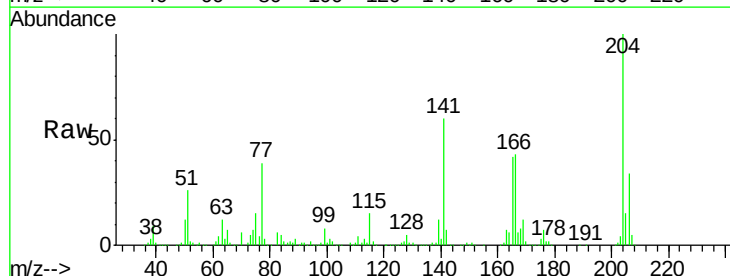
Instrument :
BNA_F
ClientSampleId :

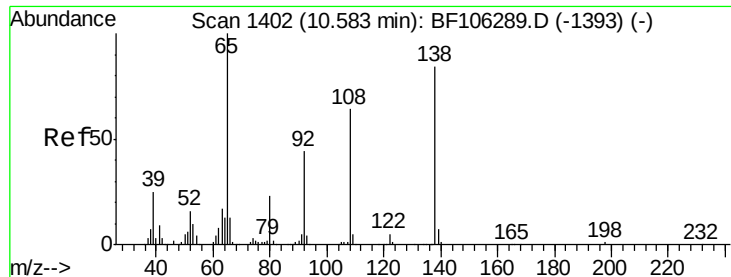
Tot Ion:149 Resp: 1309987
Ion Ratio Lower Upper
149 100
177 25.0 16.1 24.1#
150 13.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 50.122 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:204 Resp: 629024
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 59.5 54.6 81.8

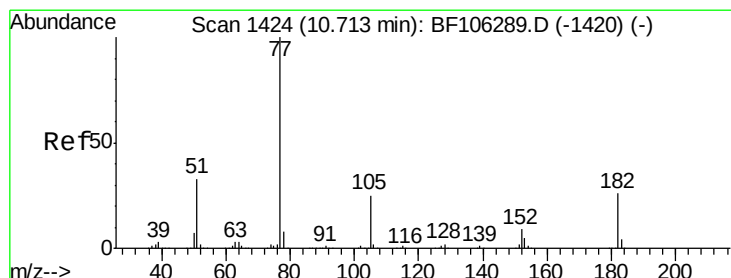
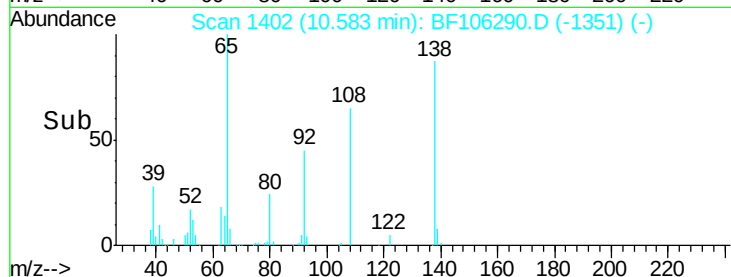
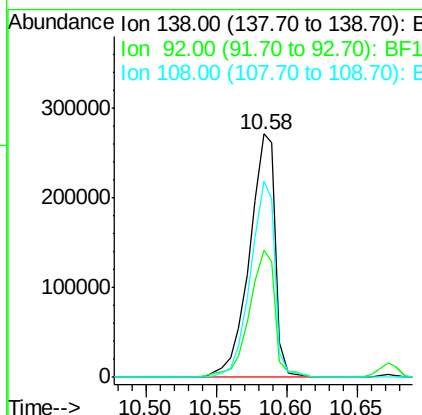
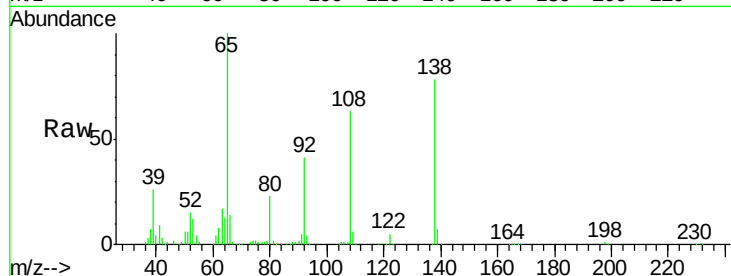




#61
4-Nitroaniline
Concen: 45.586 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

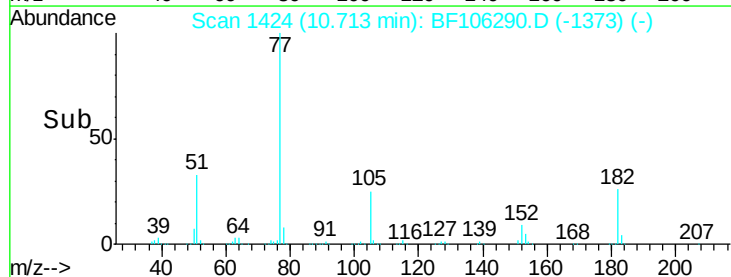
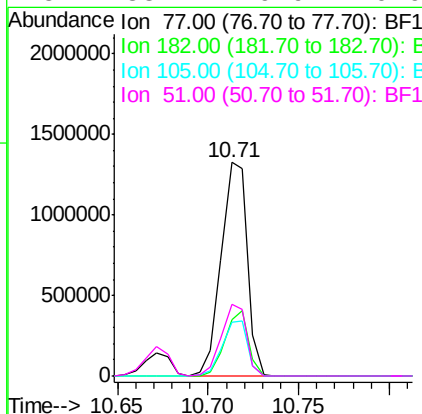
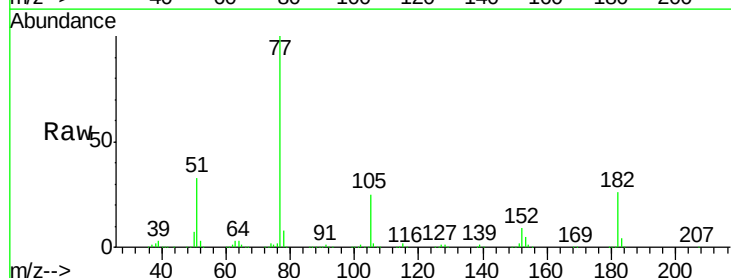
Instrument :
BNA_F
ClientSampled :

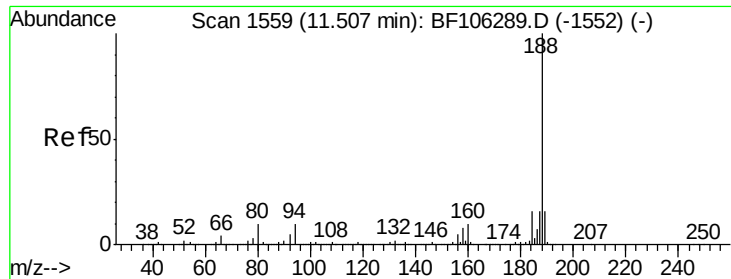
Tot Ion:138 Resp: 349823
Ion Ratio Lower Upper
138 100
92 52.3 30.2 70.2
108 80.7 52.5 92.5



#62
Azobenzene
Concen: 45.138 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion: 77 Resp: 1333392
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 25.2 3.0 43.0
51 33.4 9.9 49.9

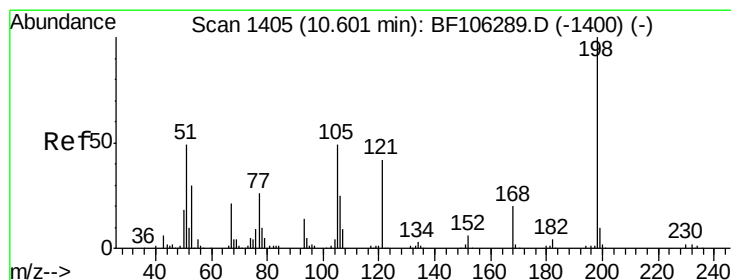
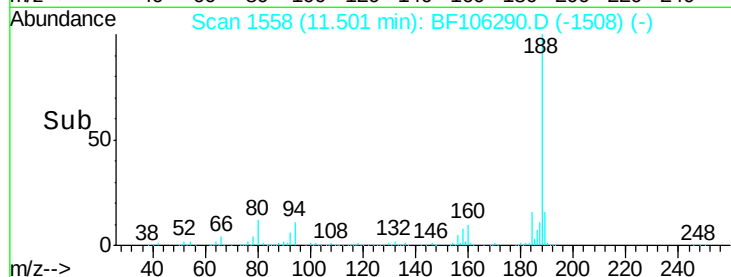
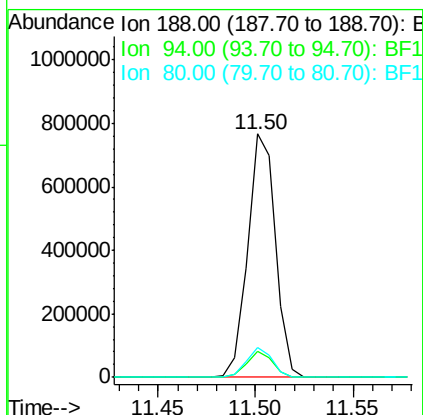
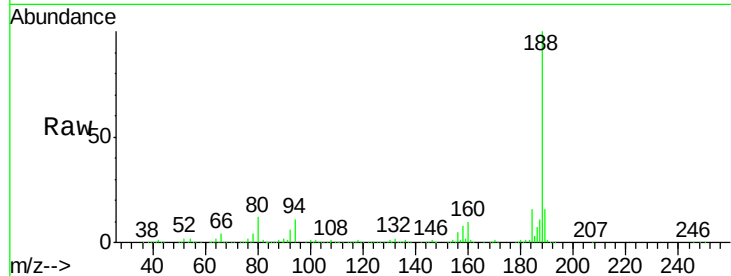




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

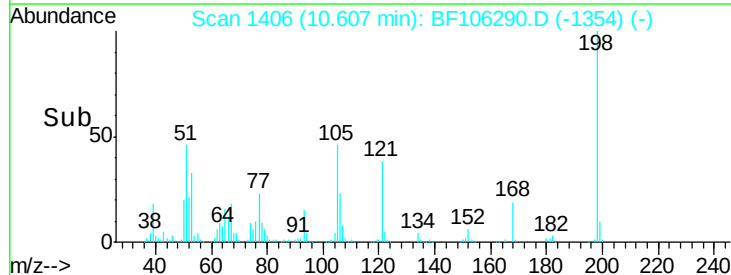
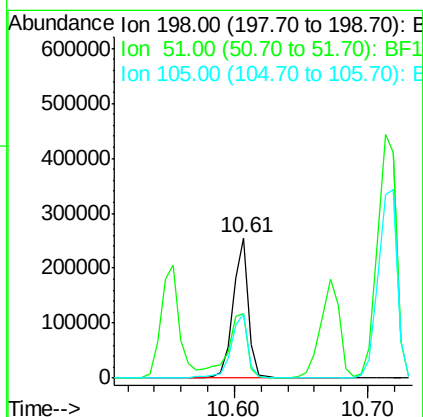
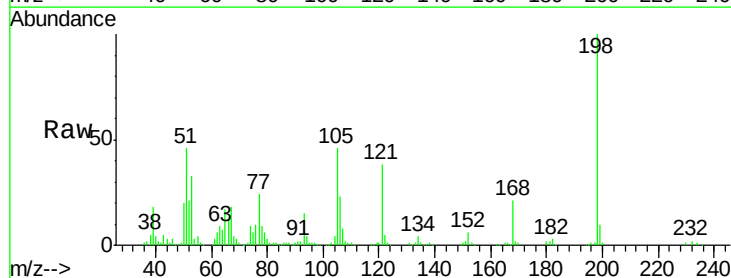
Instrument :
BNA_F
ClientSampled :

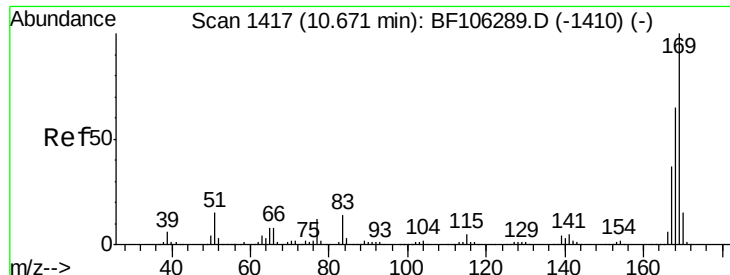
Tot Ion:188 Resp: 752084
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.434 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:198 Resp: 204889
Ion Ratio Lower Upper
198 100
51 45.7 37.7 77.7
105 45.9 36.3 76.3

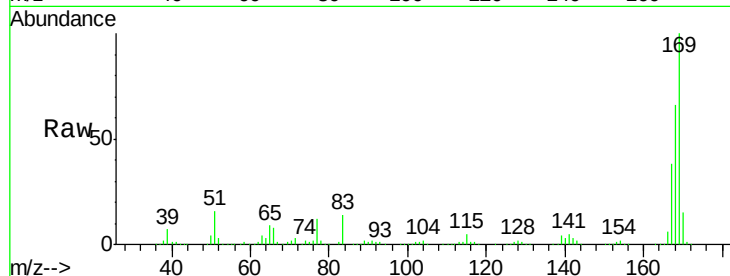




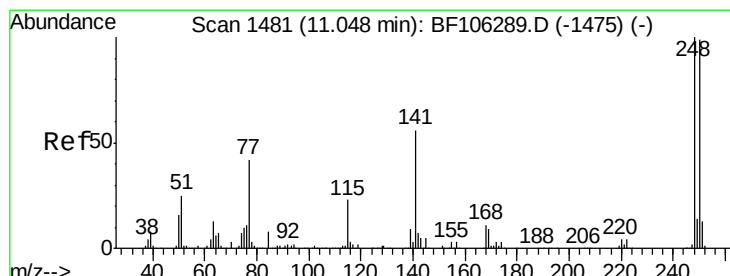
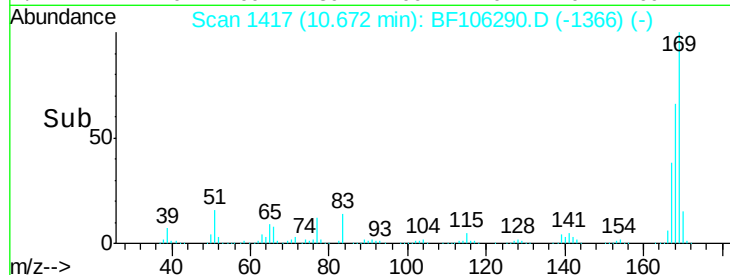
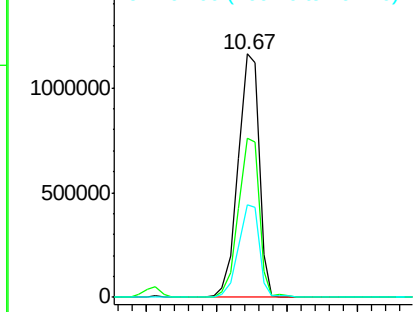
#65
 n-Nitrosodiphenylamine
 Concen: 47.738 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1203913
 Ion Ratio Lower Upper
 169 100
 168 65.6 54.4 81.6
 167 37.9 29.8 44.6

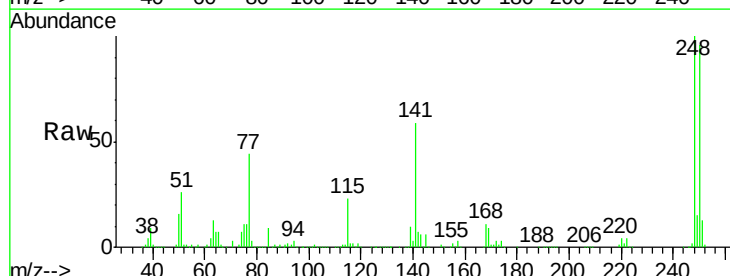


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

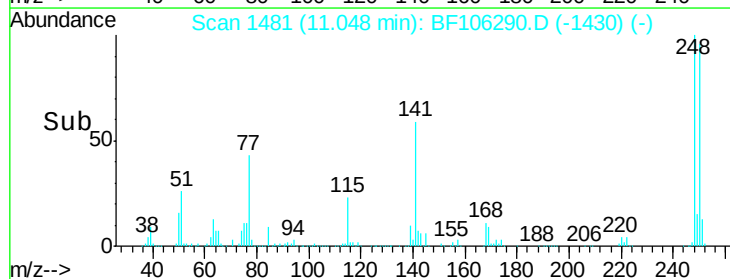
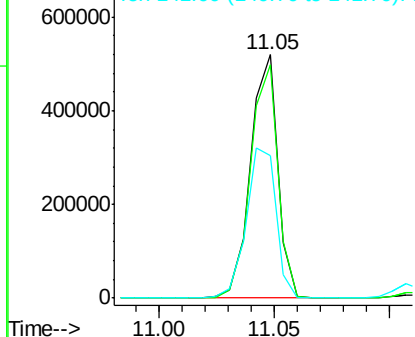


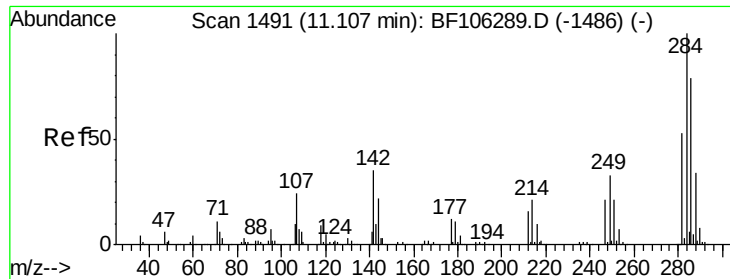
#66
 4-Bromophenyl-phenylether
 Concen: 51.311 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:248 Resp: 429276
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.9 115.3
 141 58.7 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

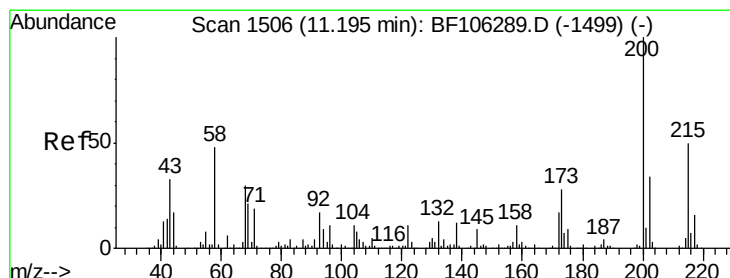
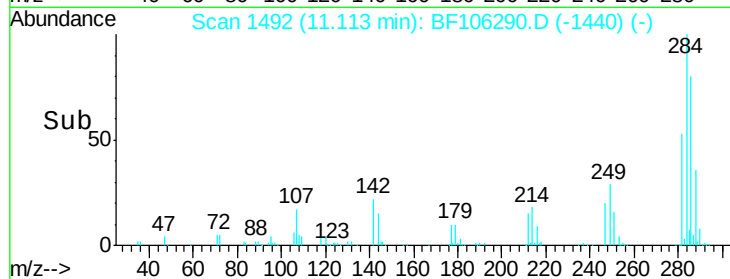
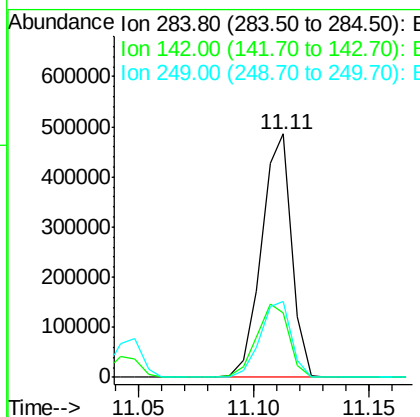
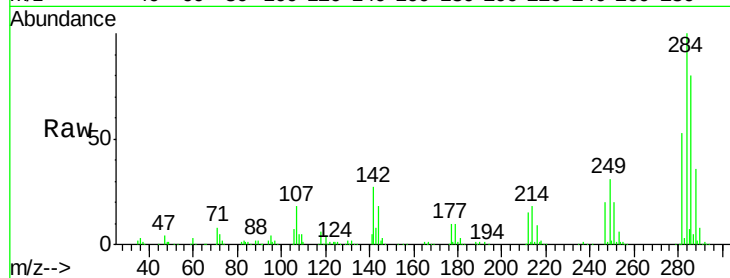




#67
Hexachlorobenzene
Concen: 46.010 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

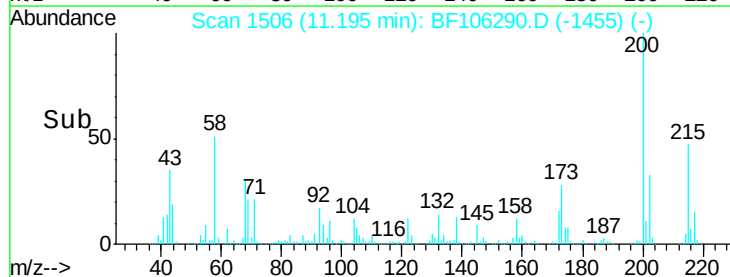
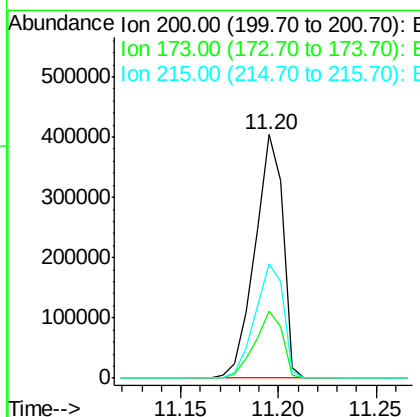
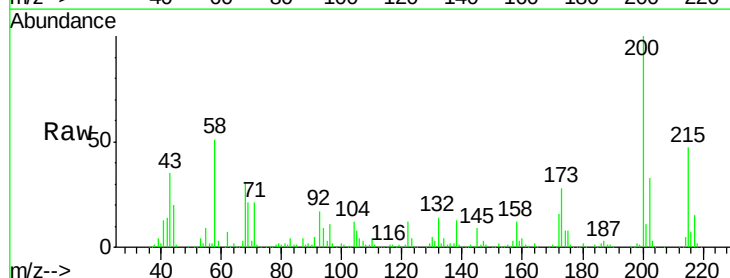
Instrument :
BNA_F
ClientSampleId :

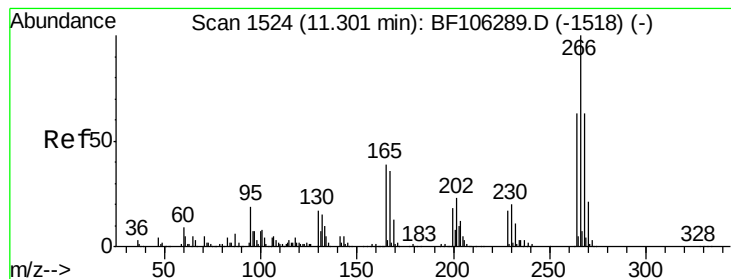
Tot Ion:284 Resp: 439980
Ion Ratio Lower Upper
284 100
142 26.7 34.6 52.0#
249 31.1 24.8 37.2



#68
Atrazine
Concen: 50.106 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:200 Resp: 401662
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 46.8 25.1 65.1





#69

Pentachlorophenol

Concen: 52.459 ng

RT: 11.30 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampled :

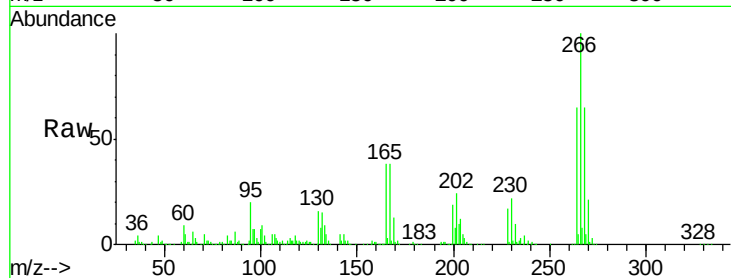
Tot Ion:266 Resp: 302666

Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

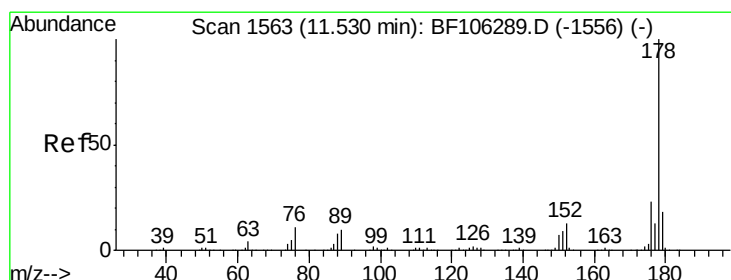
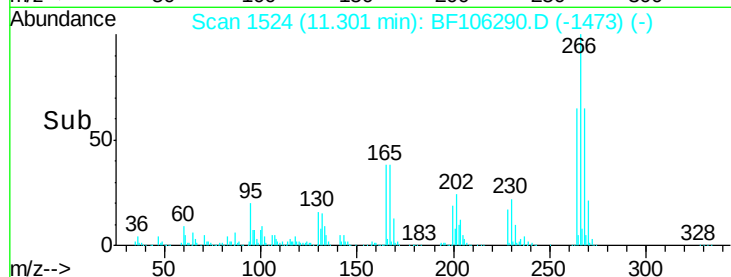
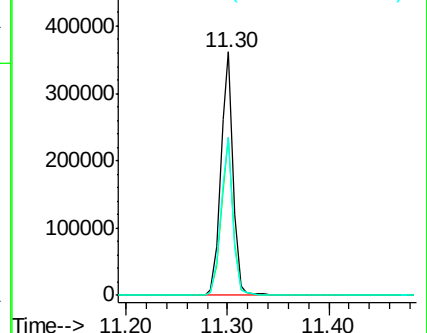
264 64.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.936 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

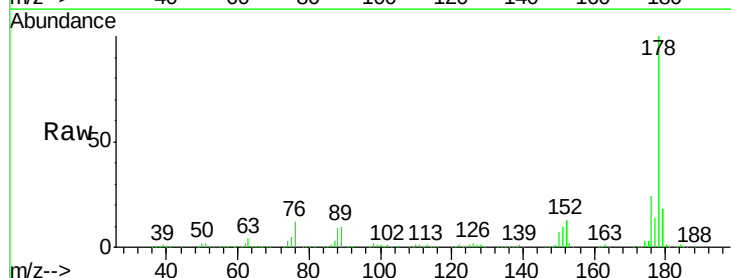
Tgt Ion:178 Resp: 1692676

Ion Ratio Lower Upper

178 100

176 23.7 15.8 23.8

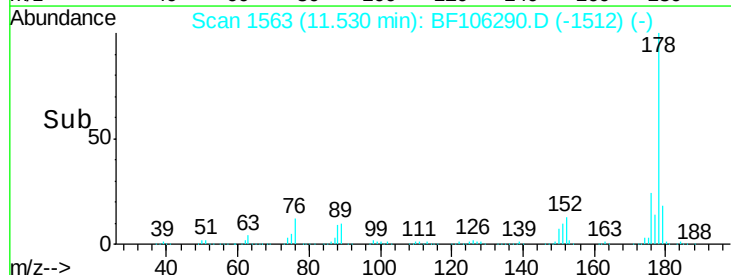
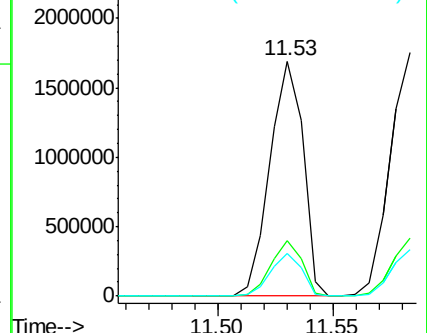
179 18.3 13.0 19.6

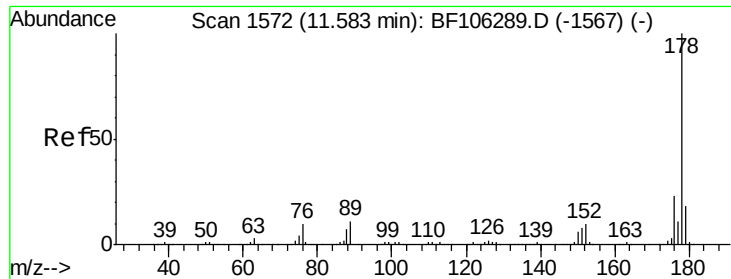


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

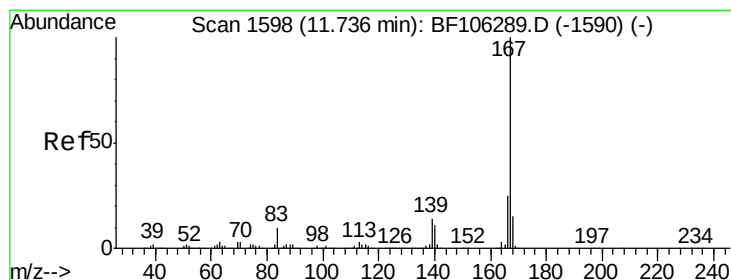
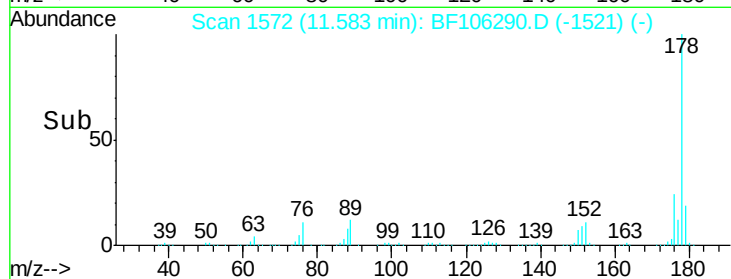
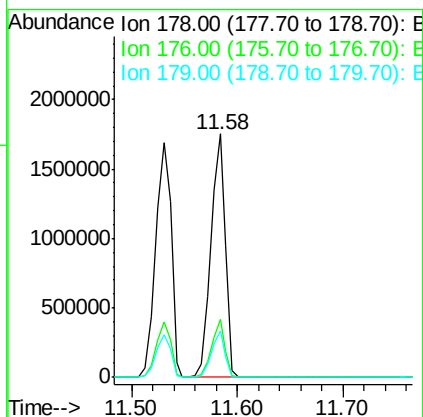
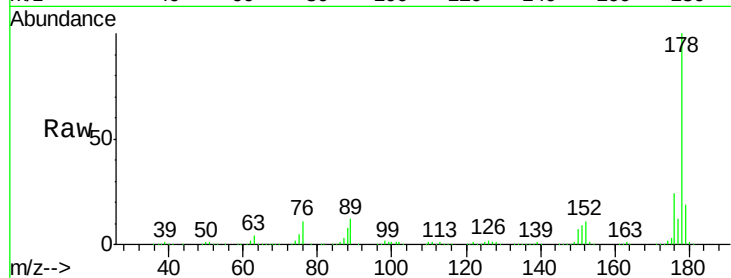




#71
 Anthracene
 Concen: 38.718 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

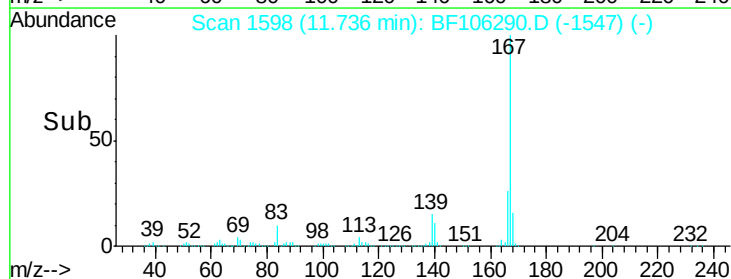
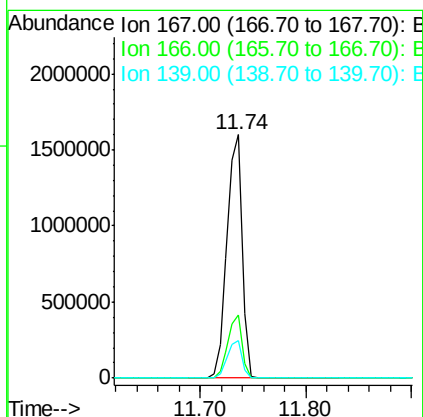
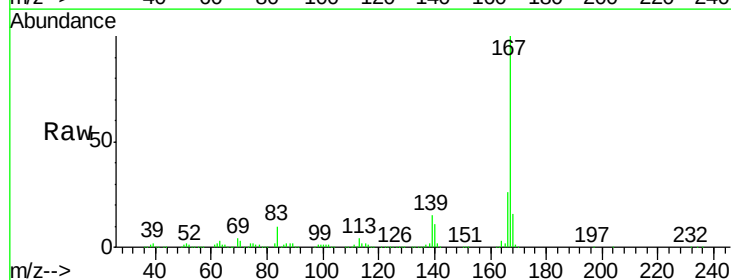
Instrument :
 BNA_F
 ClientSampleId :

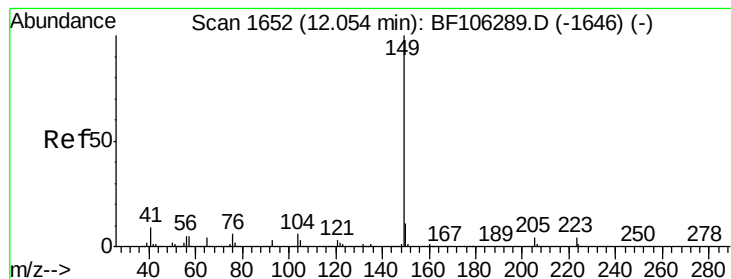
Tot Ion:178 Resp: 1698685
 Ion Ratio Lower Upper
 178 100
 176 24.0 15.4 23.2#
 179 19.2 12.6 19.0#



#72
 Carbazole
 Concen: 41.522 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:167 Resp: 1594496
 Ion Ratio Lower Upper
 167 100
 166 25.7 17.6 26.4
 139 15.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.754 ng

RT: 12.06 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

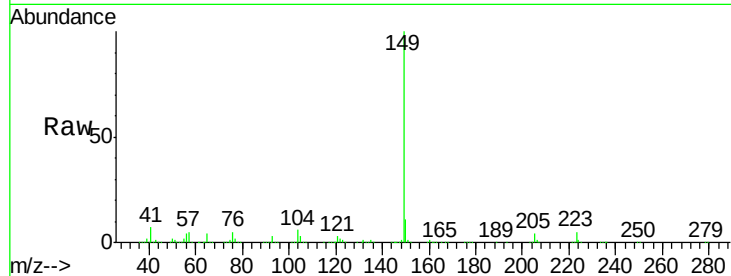
Tot Ion:149 Resp: 1790175

Ion Ratio Lower Upper

149 100

150 10.8 7.8 11.6

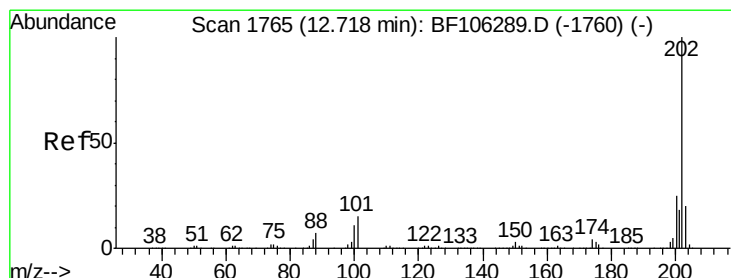
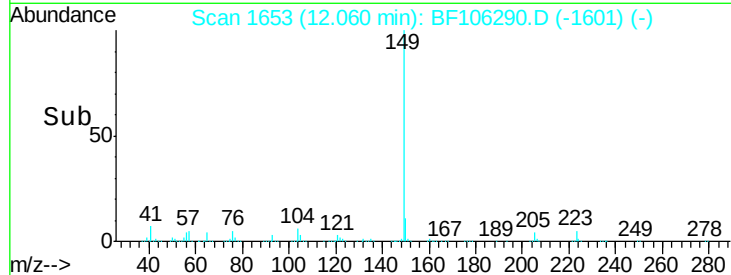
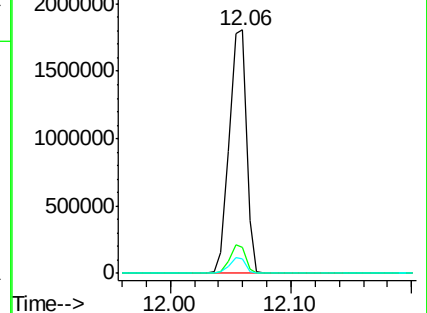
104 5.8 3.8 5.8#



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: 43.396 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

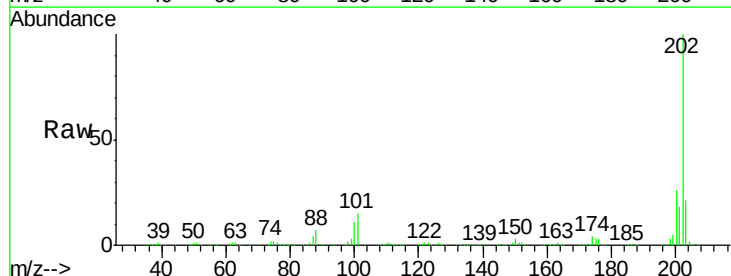
Tgt Ion:202 Resp: 1828433

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

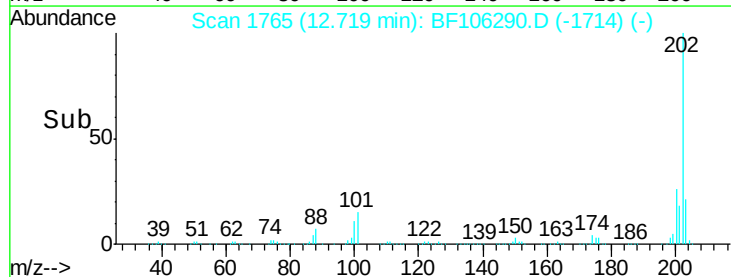
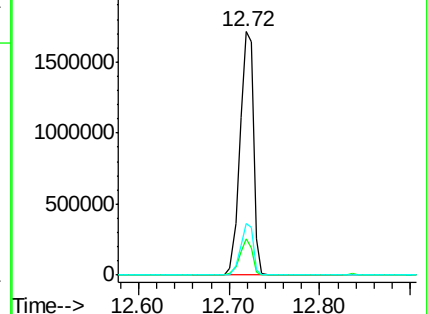
203 21.3 0.0 38.1

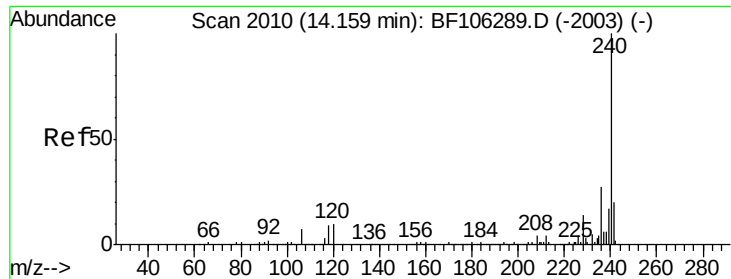


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

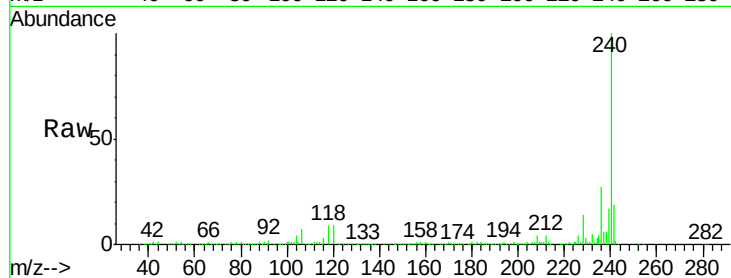
Tot Ion:240 Resp: 621764

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

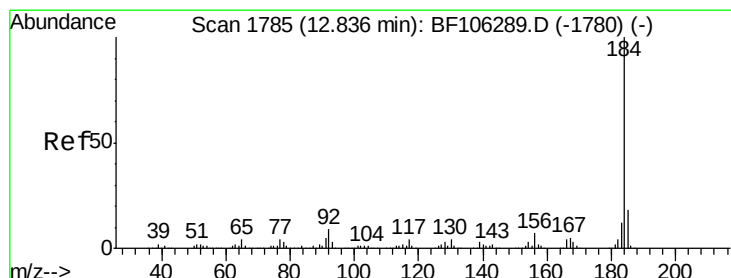
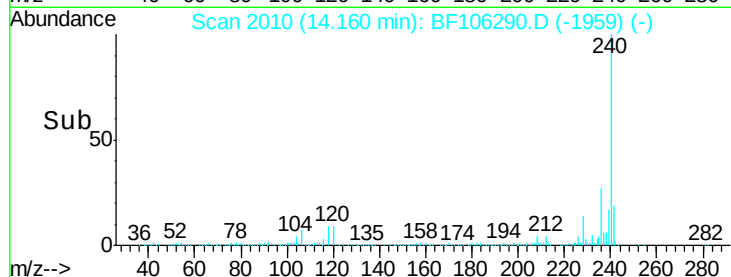
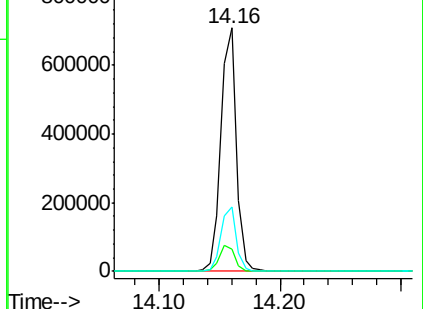
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.391 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

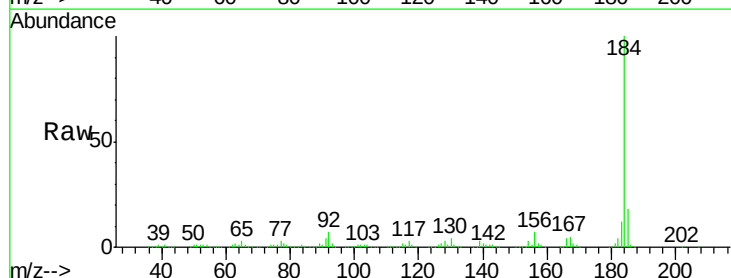
Tgt Ion:184 Resp: 1010158

Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

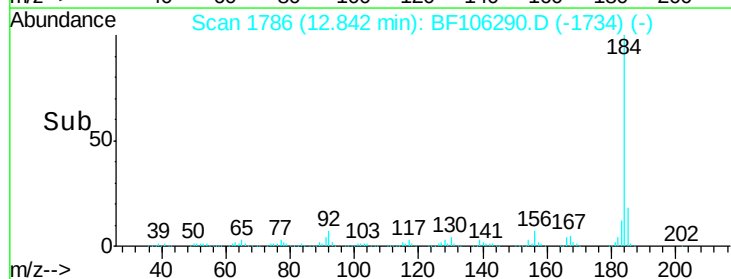
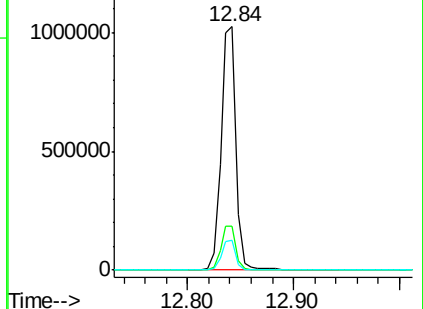
183 12.5 9.3 13.9

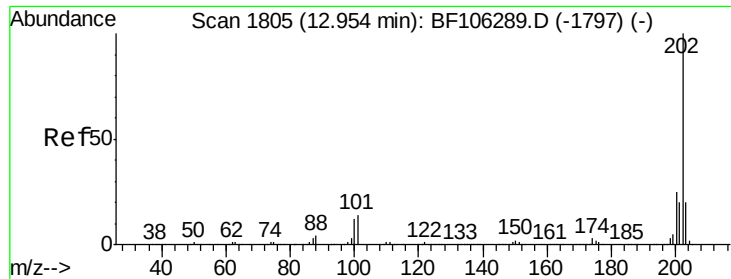


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



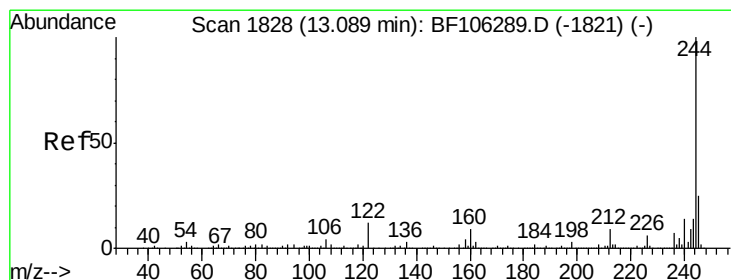
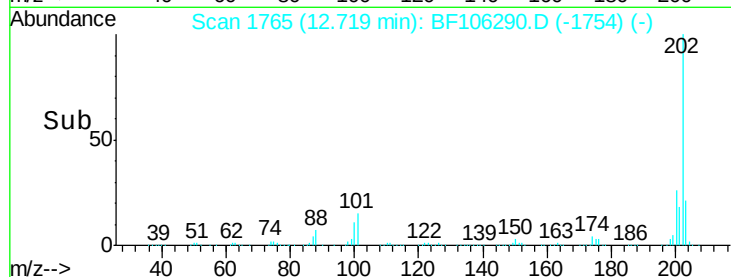
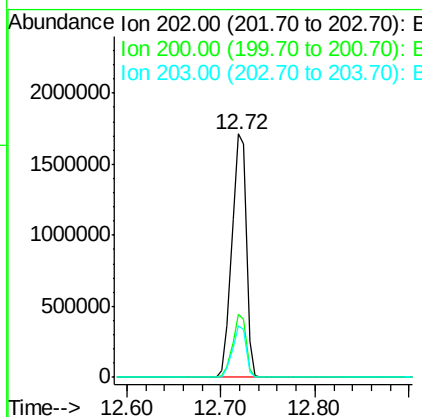
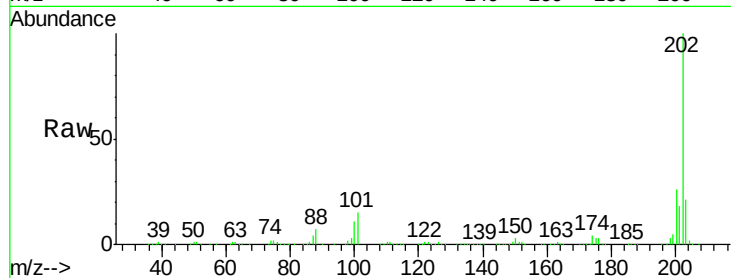


#77
 Pvrene
 Concen: 38.107 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.24 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1828412

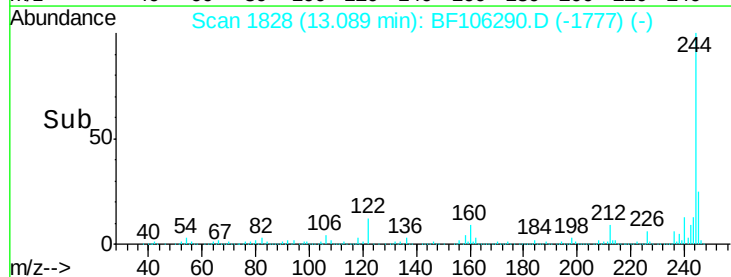
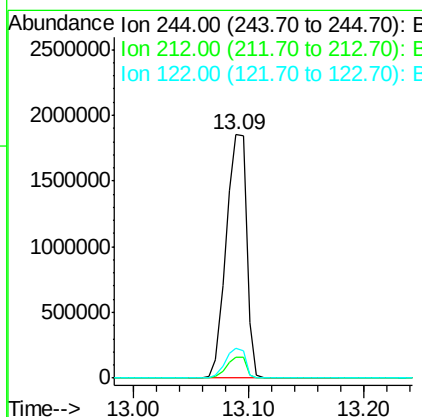
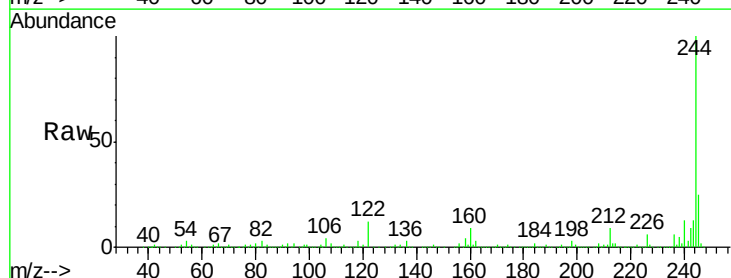
Ion	Ratio	Lower	Upper
202	100		
200	26.1	17.4	26.2
203	21.3	14.3	21.5

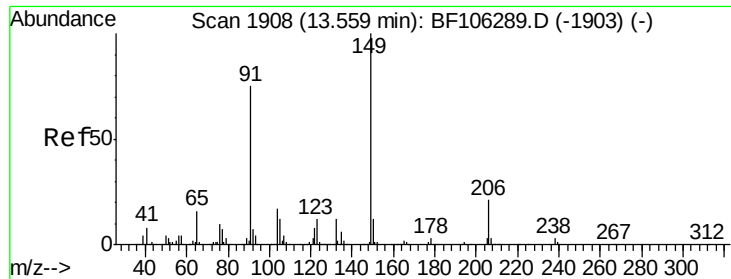


#78
 Terphenyl-d14
 Concen: 78.819 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Tgt Ion:244 Resp: 2279752

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.4	8.0#
122	12.3	11.0	16.4

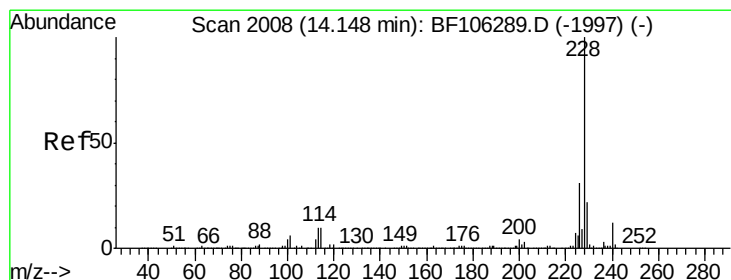
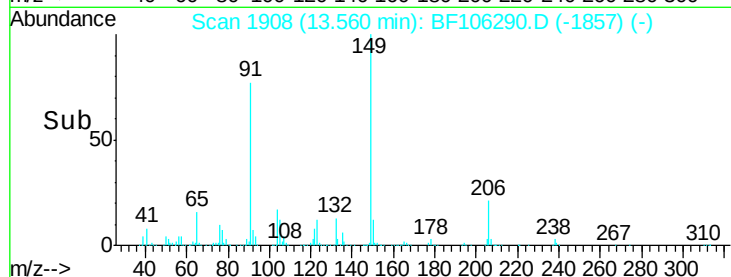
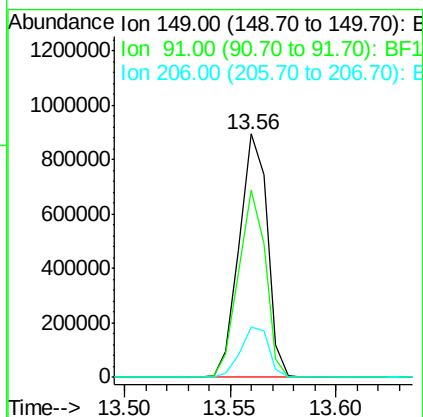
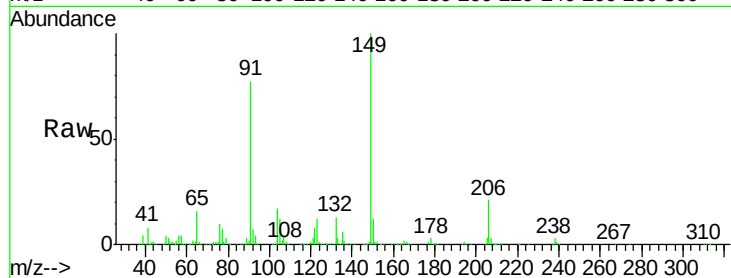




#79
Butylbenzylphthalate
Concen: 39.028 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

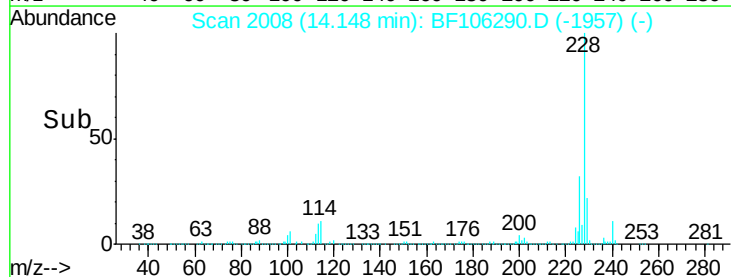
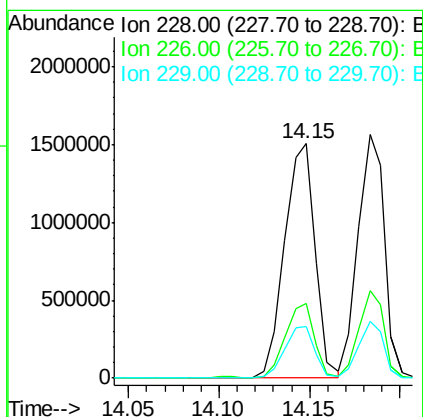
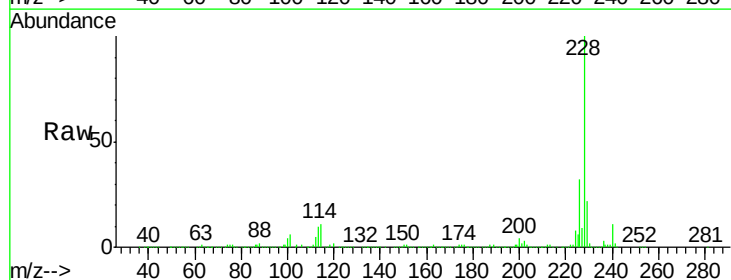
Instrument :
BNA_F
ClientSampled :

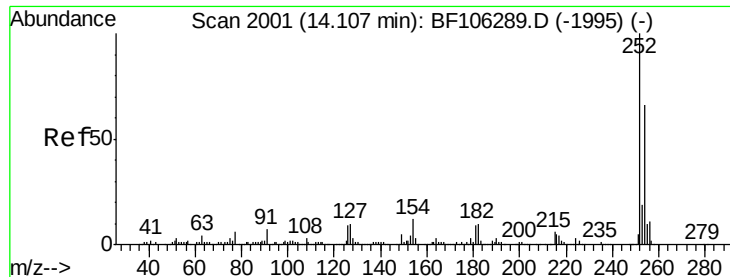
Tot Ion:149 Resp: 824931
Ion Ratio Lower Upper
149 100
91 76.8 56.8 85.2
206 20.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.912 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:228 Resp: 1775633
Ion Ratio Lower Upper
228 100
226 31.8 22.6 33.8
229 22.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 45.186 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

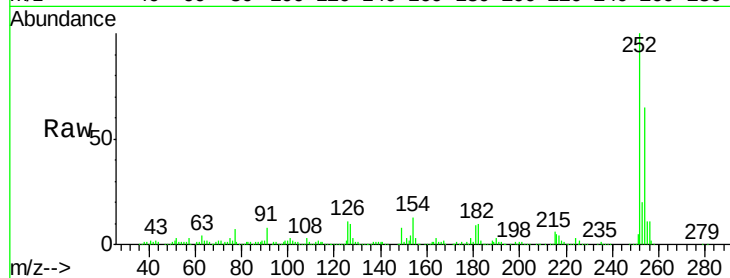
Tot Ion:252 Resp: 631234

Ion Ratio Lower Upper

252 100

254 65.4 50.4 75.6

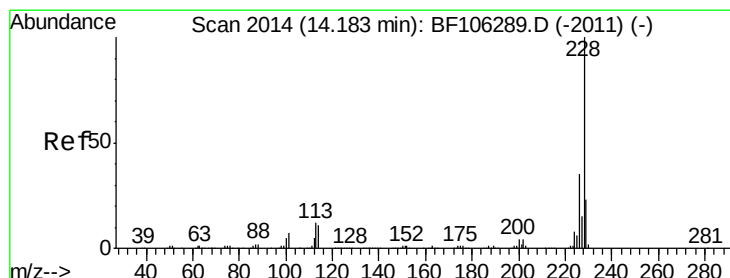
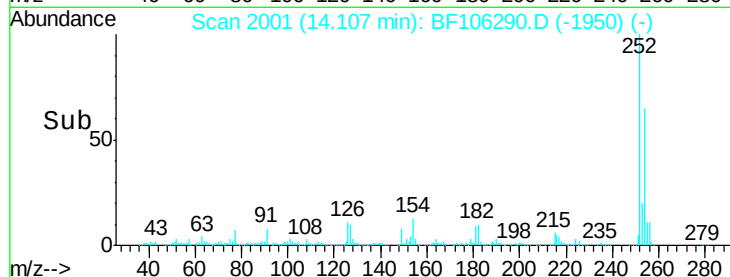
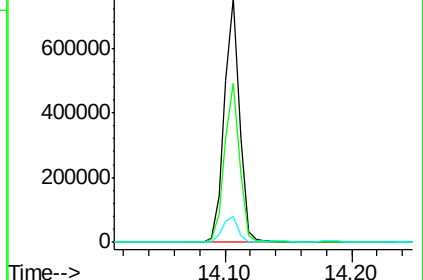
126 10.6 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.918 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

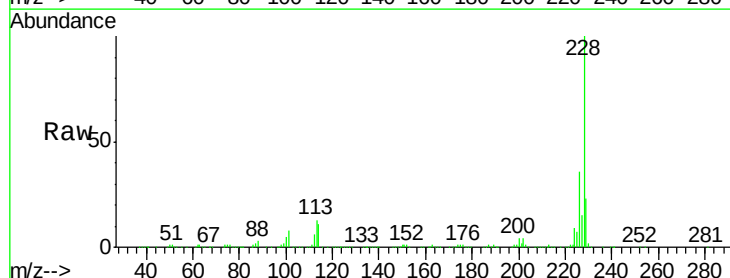
Tgt Ion:228 Resp: 1606705

Ion Ratio Lower Upper

228 100

226 36.1 25.0 37.6

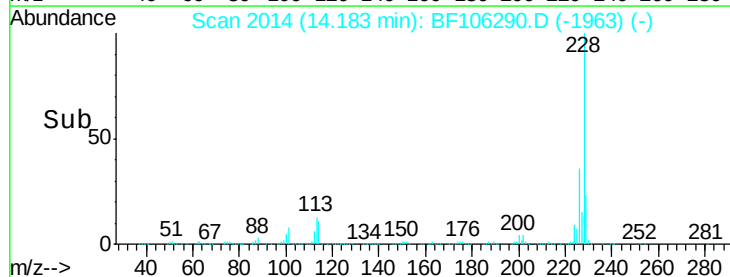
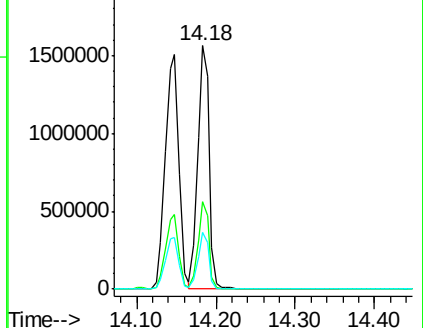
229 23.5 16.2 24.4

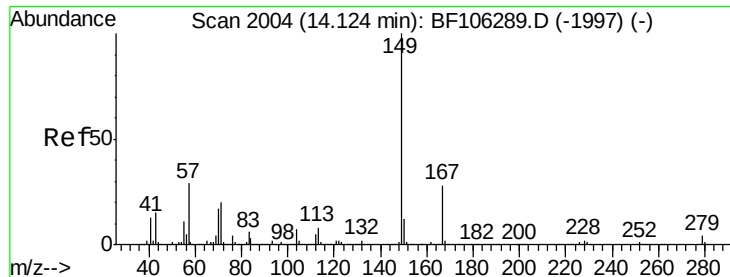


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.335 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

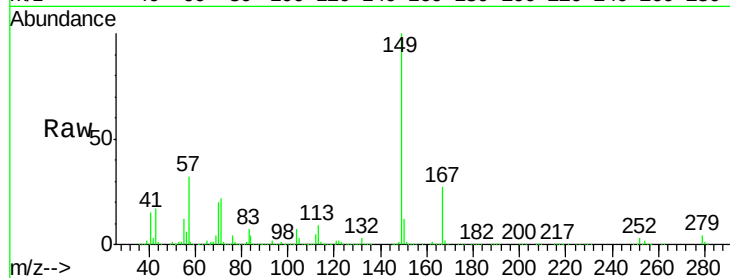
Tot Ion:149 Resp: 1109125

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

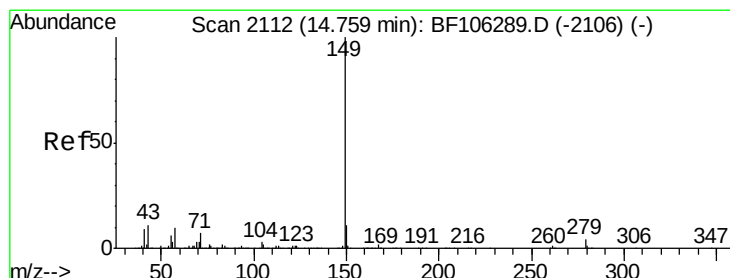
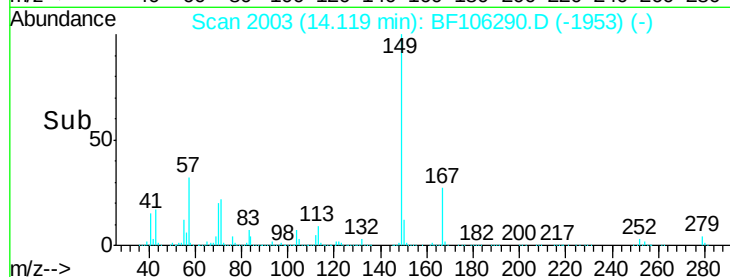
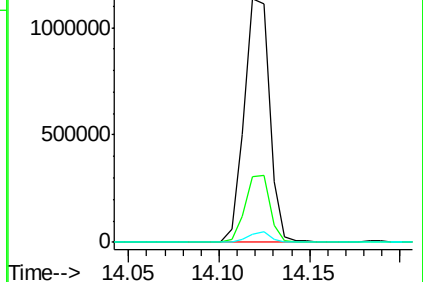
279 3.6 3.0 4.4



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: 38.291 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BF106290.D

Acq: 11 Jun 2018 13:06

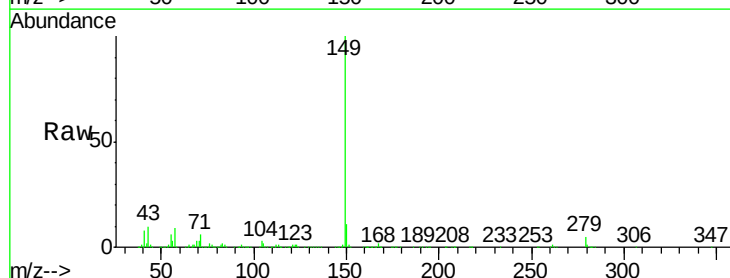
Tgt Ion:149 Resp: 1609695

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

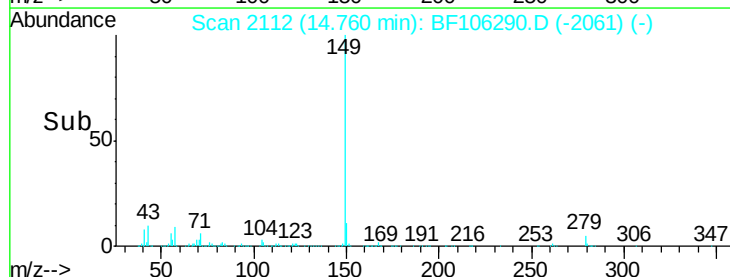
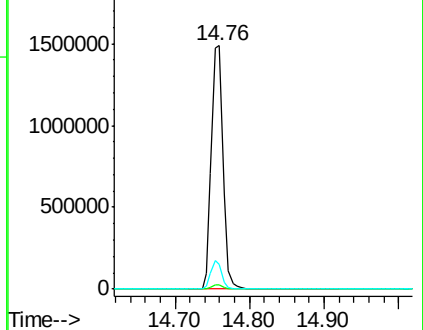
43 11.1 8.4 12.6

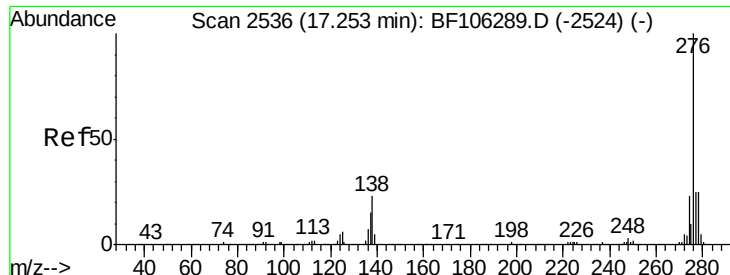


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

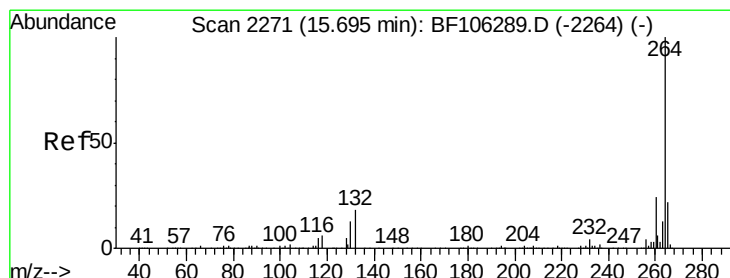
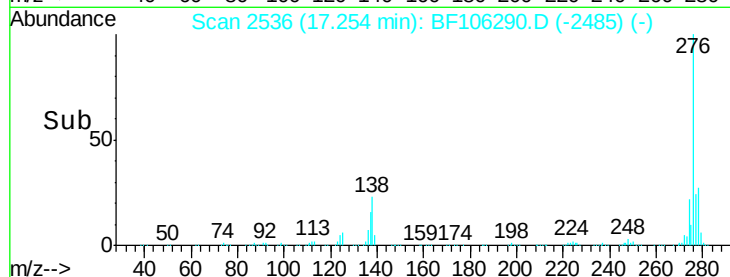
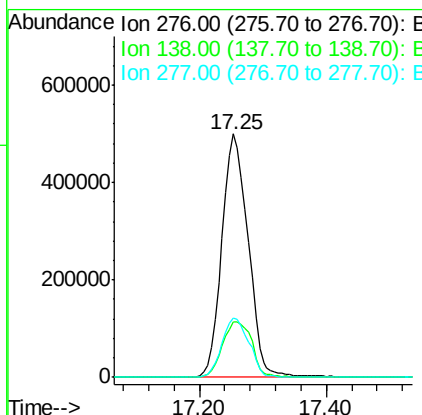
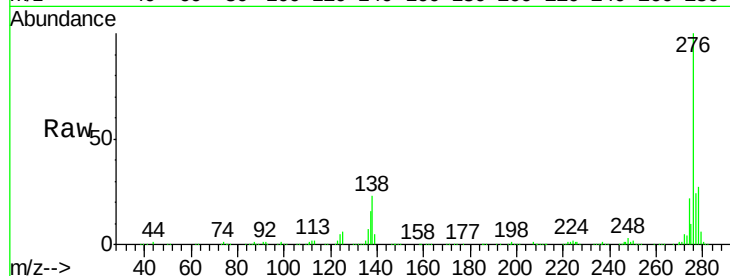




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.962 ng
RT: 17.25 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

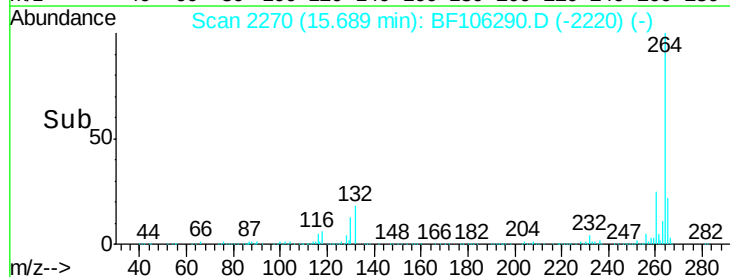
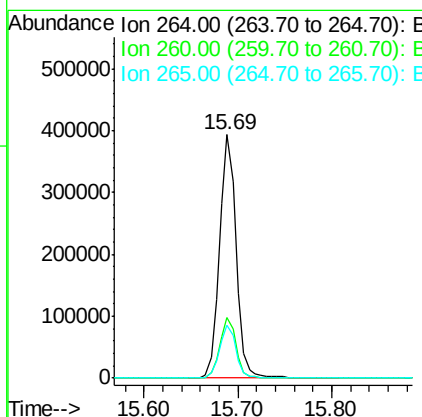
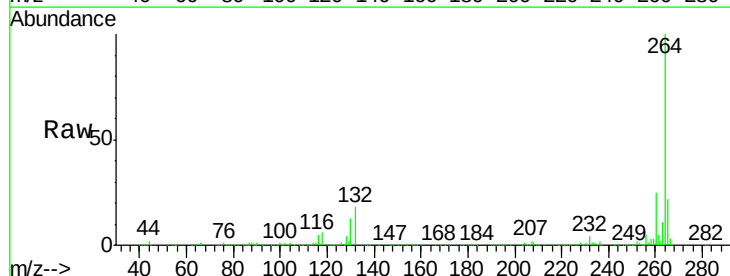
Instrument :
BNA_F
ClientSampleId :

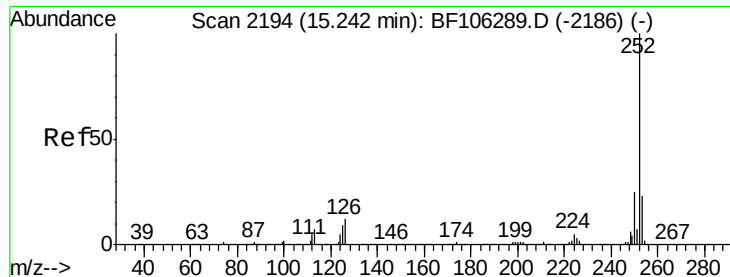
Tot Ion:276 Resp: 1431766
Ion Ratio Lower Upper
276 100
138 25.7 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:264 Resp: 487631
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.7 17.5 26.3

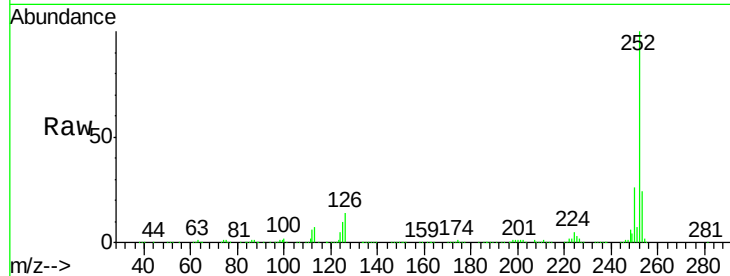




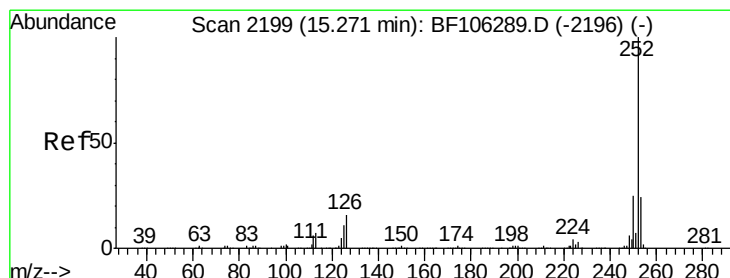
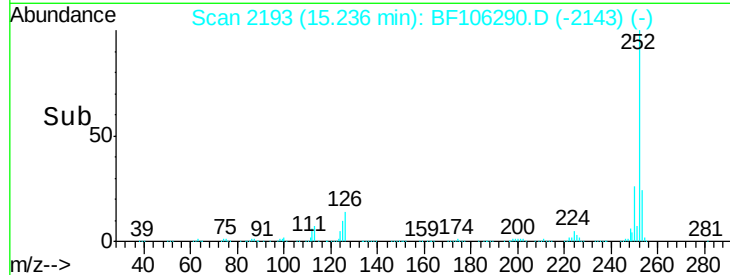
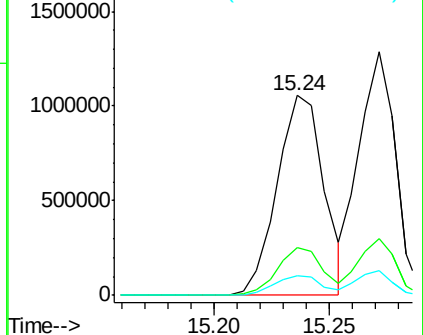
#87
Benzo(b)fluoranthene
Concen: 51.087 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1484894
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 10.0 9.0 13.6

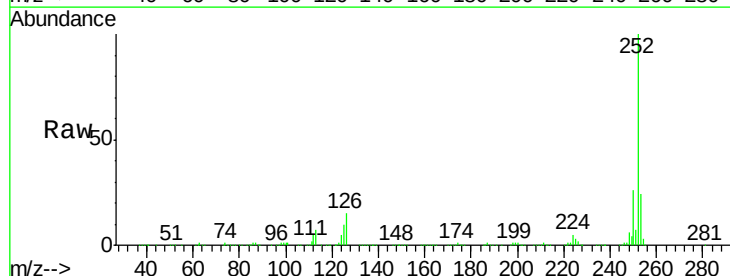


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

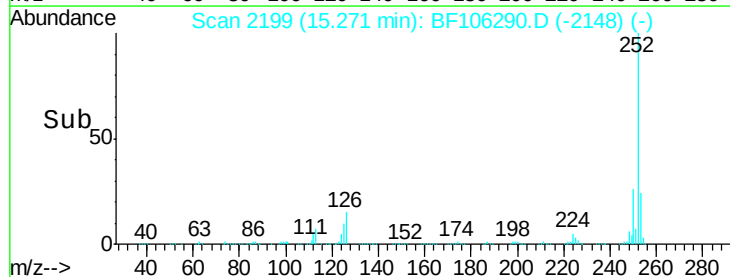
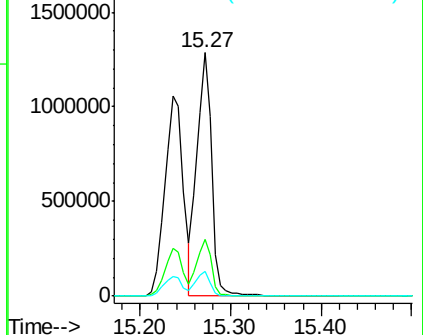


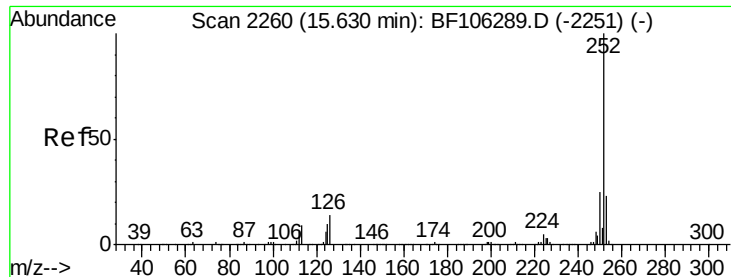
#88
Benzo(k)fluoranthene
Concen: 51.654 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:252 Resp: 1451865
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.2 10.2 15.2#



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

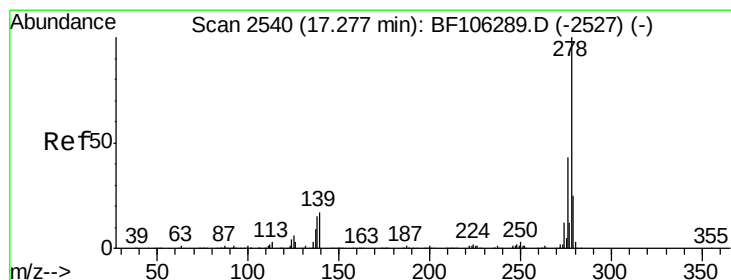
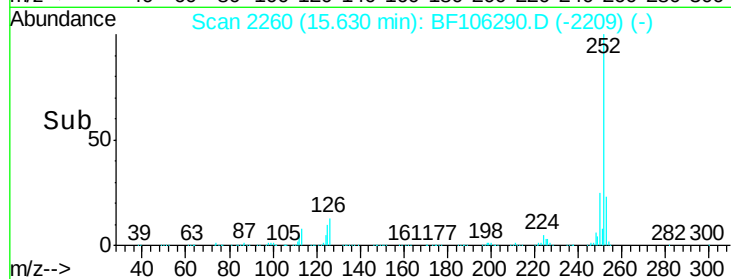
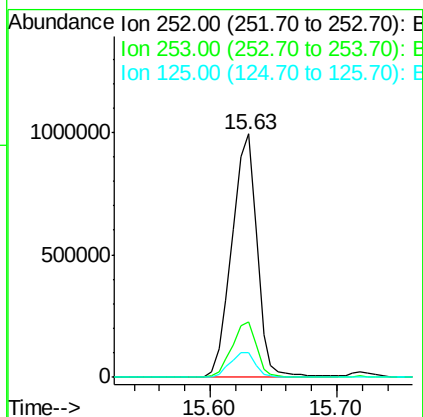
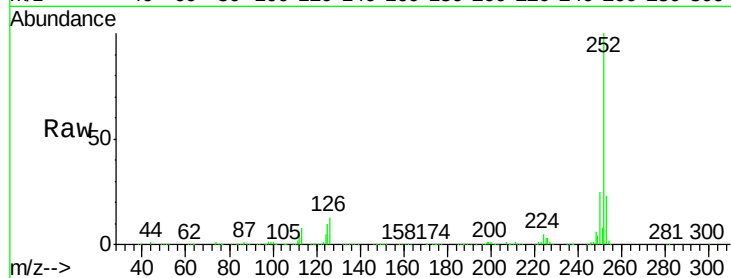




#89
Benzo(a)pyrene
Concen: 50.387 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

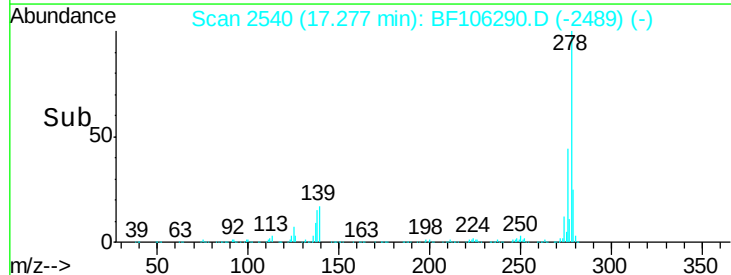
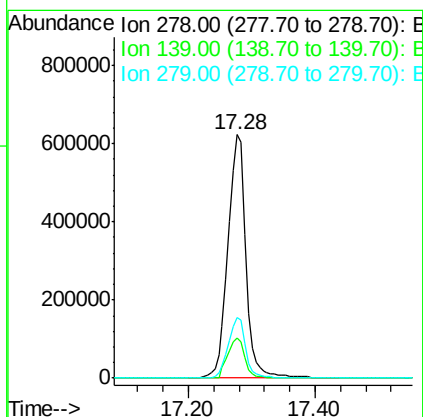
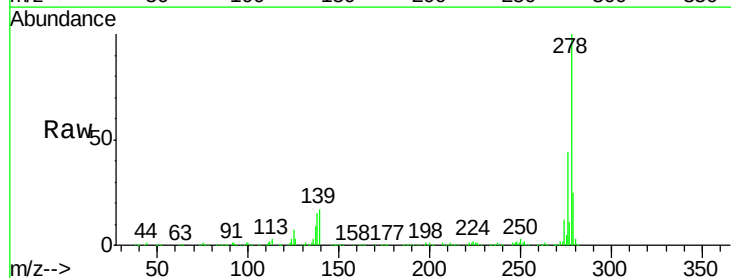
Instrument :
BNA_F
ClientSampleId :

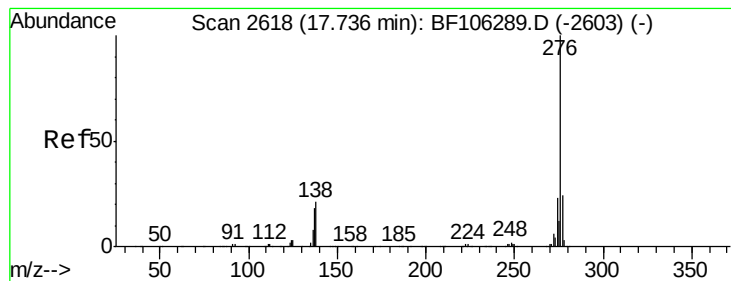
Tot Ion:252 Resp: 1363729
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 48.025 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BF106290.D
Acq: 11 Jun 2018 13:06

Tgt Ion:278 Resp: 1218845
Ion Ratio Lower Upper
278 100
139 16.6 15.9 23.9
279 24.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.355 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: BF106290.D
 Acq: 11 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1179545
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.9 26.9
 138 22.3 21.8 32.8

