

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106416.D
 Acq On : 14 Jun 2018 3:02
 Operator : JU/SJ
 Sample : PB110157BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:12:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	142133	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	543449	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	267580	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	523976	20.00	ng	0.00
75) Chrysene-d12	14.15	240	378774	20.00	ng	-0.01
86) Perylene-d12	15.68	264	369273	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	731464	87.10	ng	-0.01
7) Phenol-d6	6.61	99	851342	80.24	ng	-0.01
23) Nitrobenzene-d5	7.54	82	842320	91.18	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	271318	105.38	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1404592	97.60	ng	0.00
78) Terphenyl-d14	13.08	244	1464503	96.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	144045	33.143	ng	95
3) Pyridine	3.62	79	437685	36.138	ng	98
4) n-Nitrosodimethylamine	3.60	42	203855	36.741	ng	91
6) Aniline	6.63	93	301831	19.482	ng	# 31
8) 2-Chlorophenol	6.77	128	392760	43.491	ng	99
9) Benzaldehyde	6.52	77	273571	33.994	ng	97
10) Phenol	6.62	94	510414	44.067	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	403223	40.666	ng	97
12) 1,3-Dichlorobenzene	6.91	146	441779	41.564	ng	98
13) 1,4-Dichlorobenzene	6.98	146	442837	41.057	ng	100
14) 1,2-Dichlorobenzene	7.14	146	409781	40.358	ng	99
15) Benzyl Alcohol	7.11	79	363513	40.007	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	584871	41.149	ng	# 23
17) 2-Methylphenol	7.23	107	334351	41.497	ng	# 88
18) Hexachloroethane	7.48	117	158565	41.258	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	282279	35.463	ng	96
20) 3+4-Methylphenols	7.38	107	440130	42.715	ng	97
22) Acetophenone	7.37	105	548121	40.022	ng	99
24) Nitrobenzene	7.55	77	449139	44.732	ng	99
25) Isophorone	7.79	82	809824	44.881	ng	99
26) 2-Nitrophenol	7.87	139	214848	55.128	ng	96
27) 2,4-Dimethylphenol	7.91	122	363722	47.616	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	511203	43.693	ng	99
29) 2,4-Dichlorophenol	8.12	162	356785	48.415	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	359036	43.452	ng	94
31) Naphthalene	8.27	128	1081502	44.023	ng	98
32) Benzoic acid	8.04	122	237971	43.113	ng	94
33) 4-Chloroaniline	8.32	127	112533	10.336	ng	98
34) Hexachlorobutadiene	8.38	225	229487	43.230	ng	99
35) Caprolactam	8.69	113	81105	32.538	ng	89
36) 4-Chloro-3-methylphenol	8.82	107	375865	46.109	ng	96
37) 2-Methylnaphthalene	8.97	142	757103	45.248	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	389807	44.876	ng	97
40) Hexachlorocyclopentadiene	9.11	237	247561	51.655	ng	99

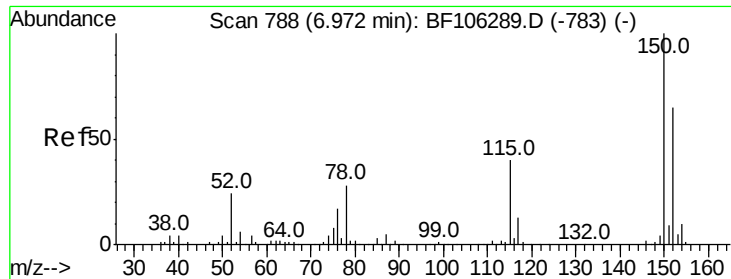
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	272326	49.195	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	287103	48.110	ng	94
45) 1,1'-Biphenyl	9.43	154	890515	42.967	ng	98
46) 2-Chloronaphthalene	9.45	162	725454	43.740	ng	99
47) 2-Nitroaniline	9.55	65	261613	50.141	ng	92
48) Acenaphthylene	9.88	152	1151663	45.365	ng	98
49) Dimethylphthalate	9.73	163	887584	46.429	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	198770	50.902	ng	93
51) Acenaphthene	10.05	154	659775	40.243	ng	99
52) 3-Nitroaniline	9.96	138	111994	24.164	ng	96
53) 2,4-Dinitrophenol	10.07	184	159086	87.792	ng	# 16
54) Dibenzofuran	10.22	168	991860	44.927	ng	96
55) 4-Nitrophenol	10.15	139	297743	83.812	ng	94
56) 2,4-Dinitrotoluene	10.20	165	275660	56.214	ng	# 99
57) Fluorene	10.56	166	777225	44.434	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245749	51.957	ng	# 84
59) Diethylphthalate	10.42	149	857791	45.207	ng	95
60) 4-Chlorophenyl-phenylether	10.55	204	401507	43.642	ng	92
61) 4-Nitroaniline	10.58	138	195991	43.463	ng	98
62) Azobenzene	10.71	77	868169	43.879	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	123385	44.222	ng	78
65) n-Nitrosodiphenylamine	10.67	169	754273	42.832	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	283327	47.541	ng	# 83
67) Hexachlorobenzene	11.11	284	288740	46.995	ng	# 87
68) Atrazine	11.20	200	267603	49.310	ng	97
69) Pentachlorophenol	11.31	266	262138	69.299	ng	99
70) Phenanthrene	11.52	178	1126090	43.883	ng	98
71) Anthracene	11.58	178	1159318	45.096	ng	97
72) Carbazole	11.74	167	1026890	43.267	ng	97
73) Di-n-butylphthalate	12.05	149	1276943	48.342	ng	99
74) Fluoranthene	12.72	202	1110970	40.596	ng	97
76) Benzidine	12.84	184	571125	45.305	ng	99
77) Pyrene	12.95	202	1091878	46.044	ng	97
79) Butylbenzylphthalate	13.55	149	519536	58.529	ng	96
80) Benzo(a)anthracene	14.14	228	1008959	44.762	ng	97
81) 3,3'-Dichlorobenzidine	14.09	252	258878	34.040	ng	# 97
82) Chrysene	14.18	228	950452	46.184	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	694979	54.605	ng	99
84) Di-n-octyl phthalate	14.74	149	1065995	58.097	ng	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	838495	51.052	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	1003549	44.958	ng	96
88) Benzo(k)fluoranthene	15.25	252	994312	44.977	ng	# 97
89) Benzo(a)pyrene	15.61	252	970700	48.347	ng	97
90) Dibenzo(a,h)anthracene	17.26	278	715900	42.769	ng	96
91) Benzo(g,h,i)perylene	17.72	276	649347	39.917	ng	# 93

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

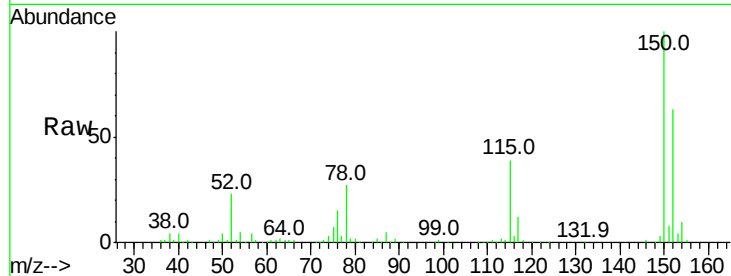


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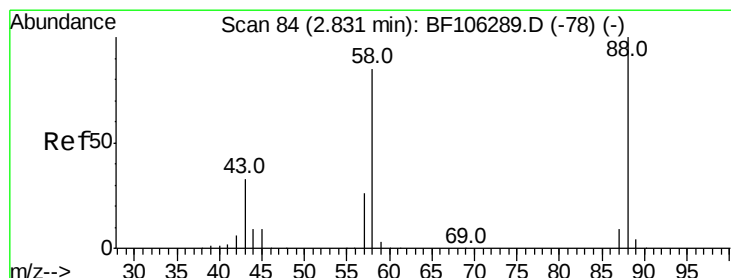
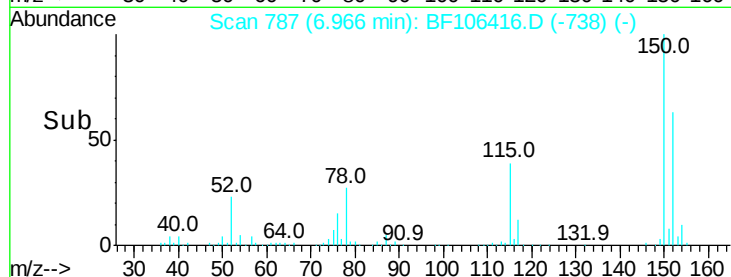
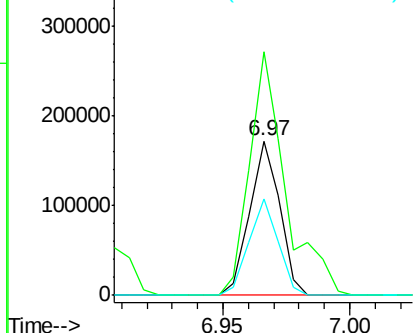
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142133
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.4 50.1 75.1



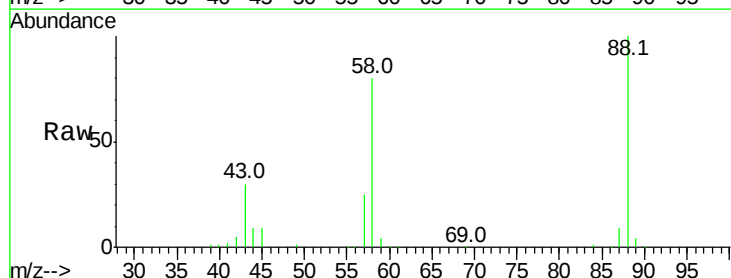
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



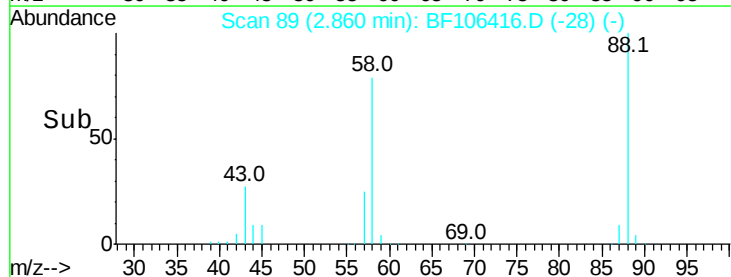
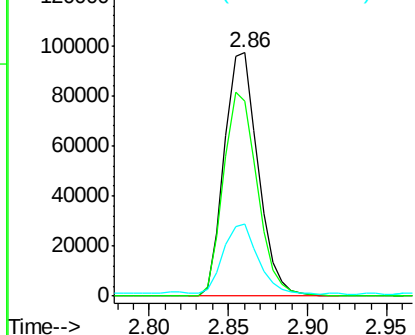
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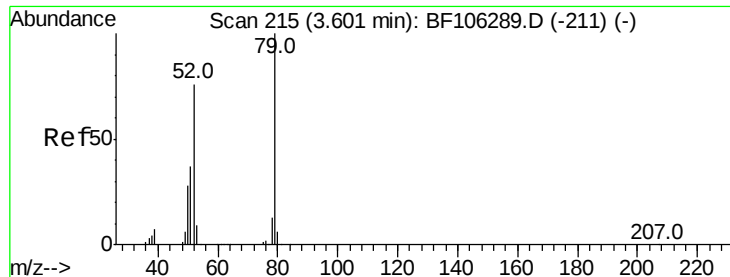
1,4-Dioxane
Concen: 33.143 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.06 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion: 88 Resp: 144045
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 29.2 24.6 37.0



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

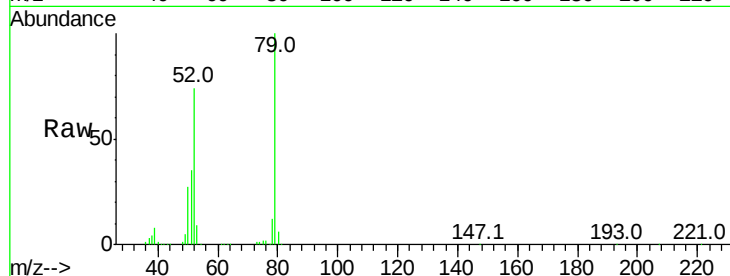




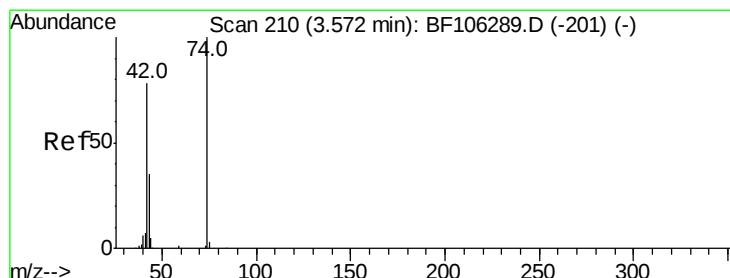
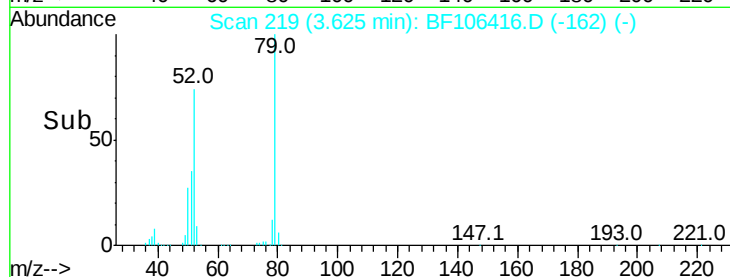
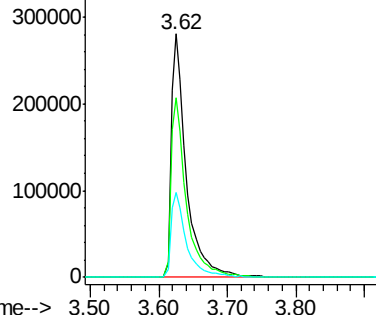
#3
 Pvridine
 Concen: 36.138 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.04 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 437685
 Ion Ratio Lower Upper
 79 100
 52 73.8 59.8 89.6
 51 35.1 29.8 44.8

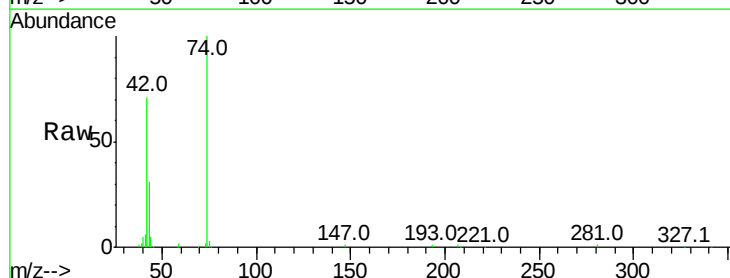


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

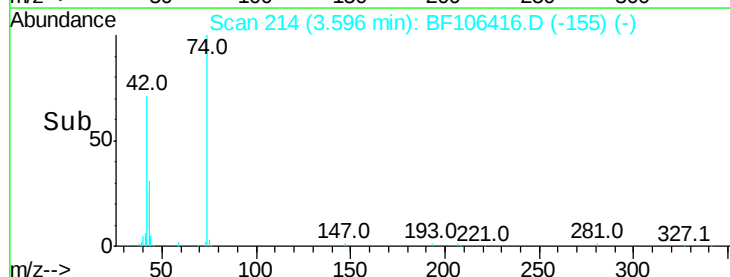
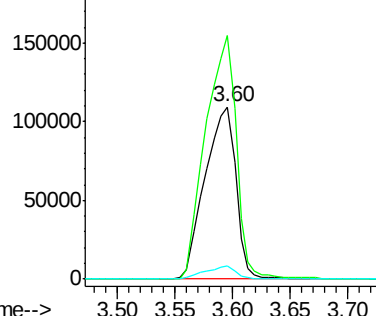


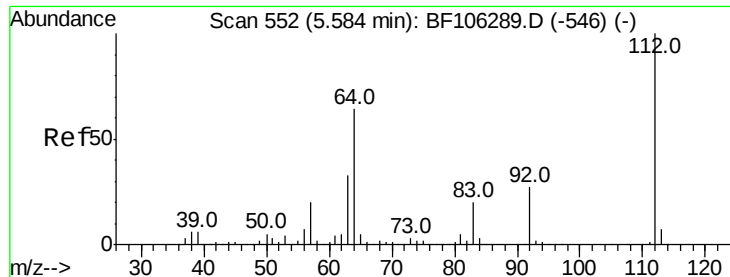
#4
 n-Nitrosodimethylamine
 Concen: 36.741 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.05 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion: 42 Resp: 203855
 Ion Ratio Lower Upper
 42 100
 74 141.5 104.9 157.3
 44 7.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 87.102 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampled :

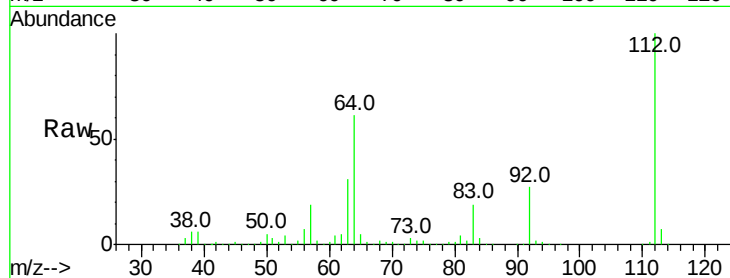
Tot Ion: 112 Resp: 731464

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

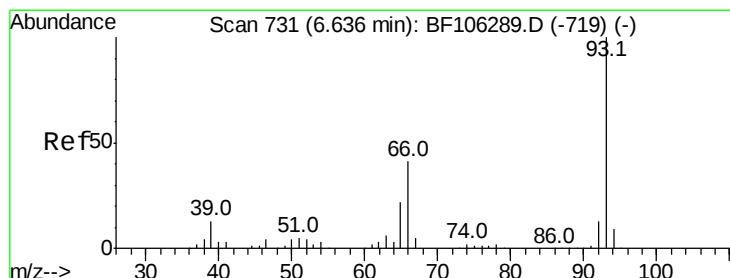
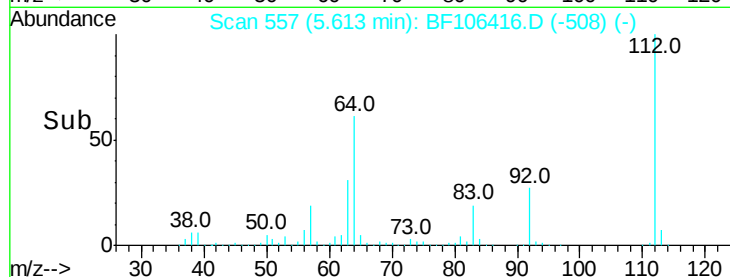
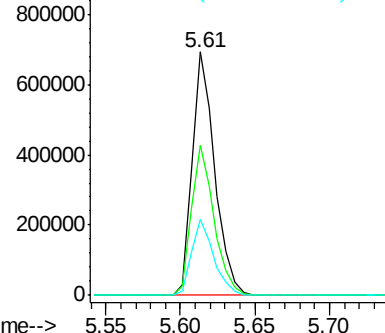
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.482 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

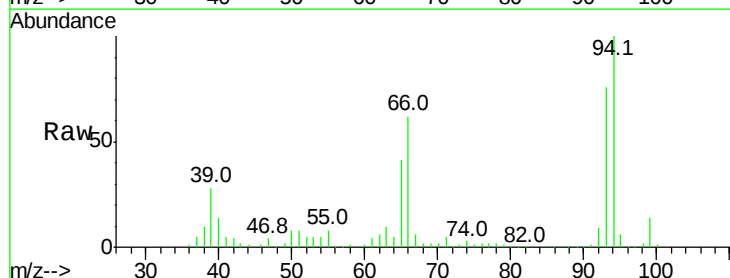
Tgt Ion: 93 Resp: 301831

Ion Ratio Lower Upper

93 100

66 81.9 32.2 48.2#

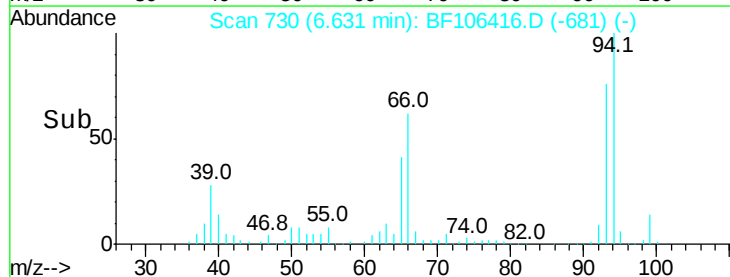
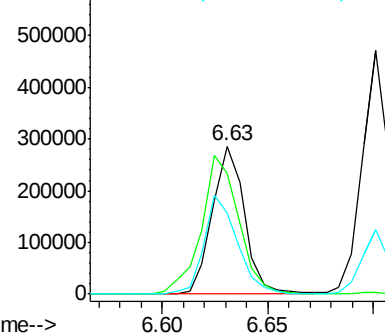
65 54.5 16.4 24.6#

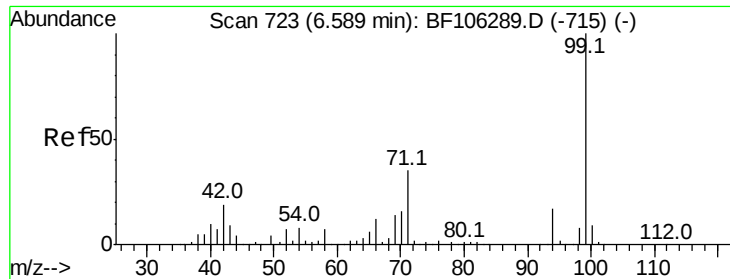


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.241 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

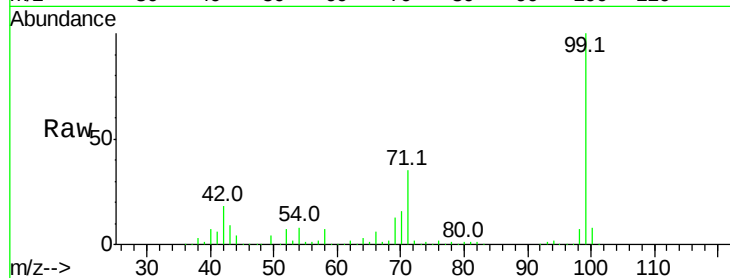
Tot Ion: 99 Resp: 851342

Ion Ratio Lower Upper

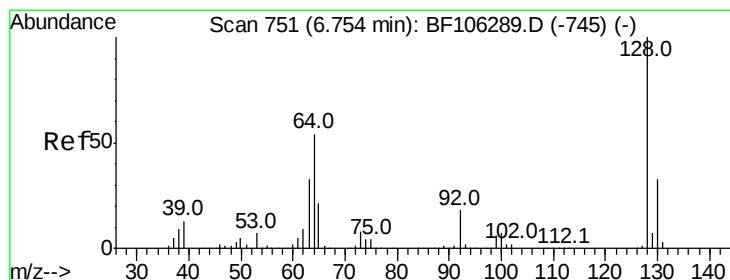
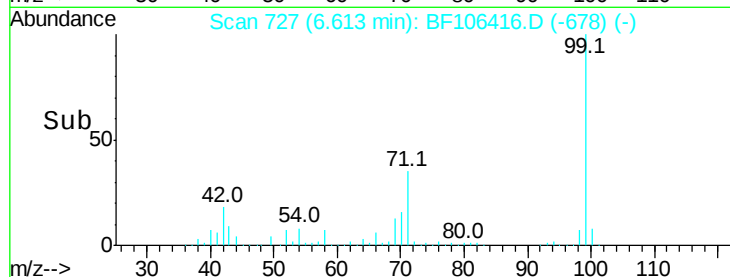
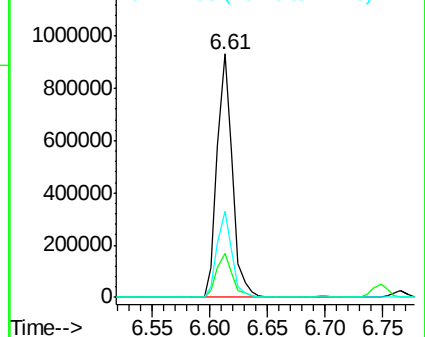
99 100

42 18.3 14.5 21.7

71 35.4 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: 43.491 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

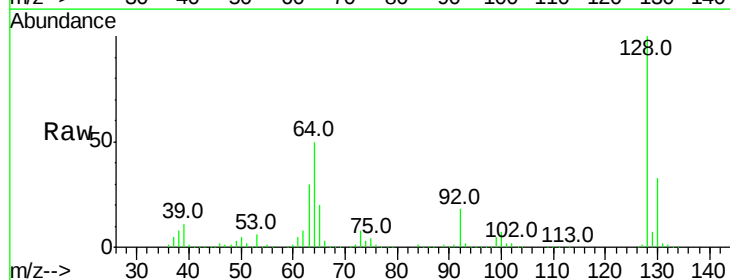
Tgt Ion: 128 Resp: 392760

Ion Ratio Lower Upper

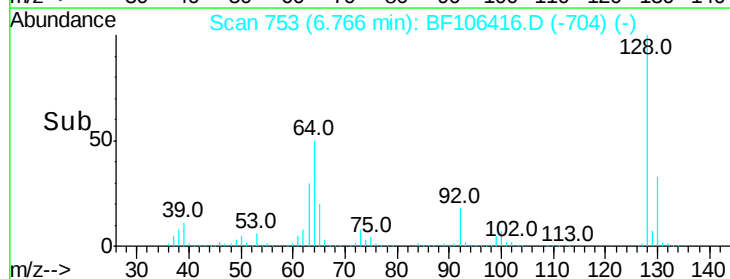
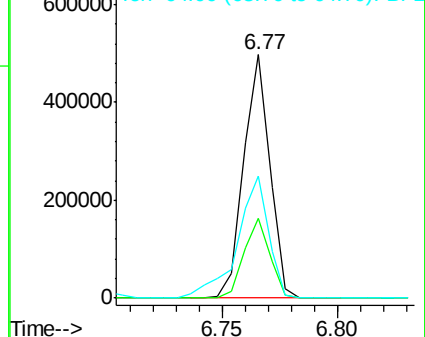
128 100

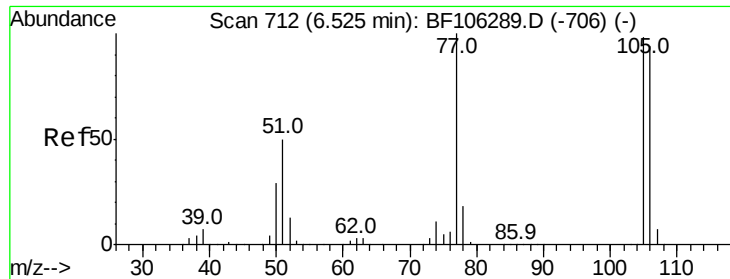
130 32.6 13.0 53.0

64 50.1 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: 33.994 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

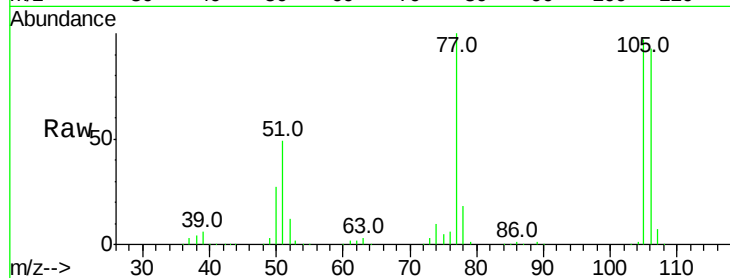
Tot Ion: 77 Resp: 273571

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

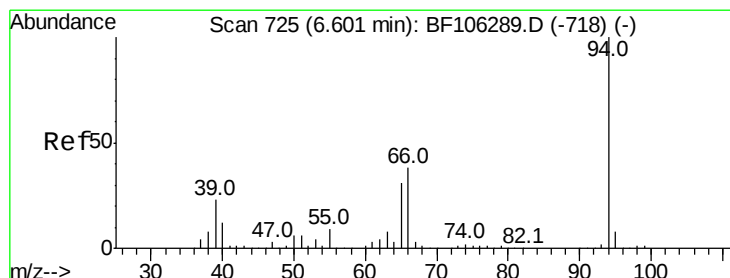
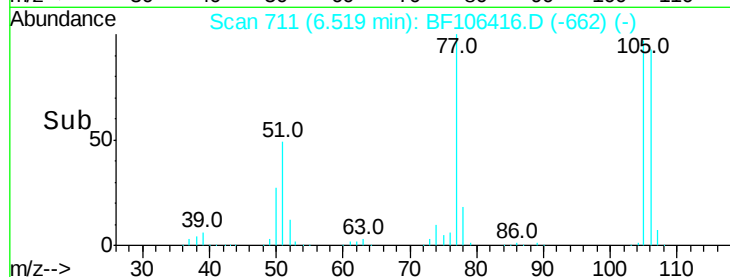
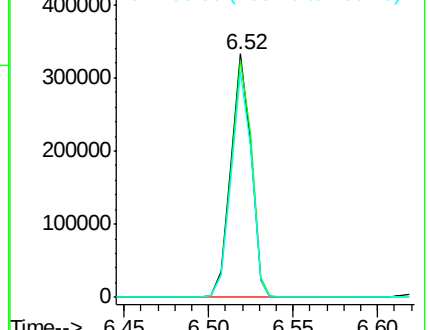
106 92.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.067 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

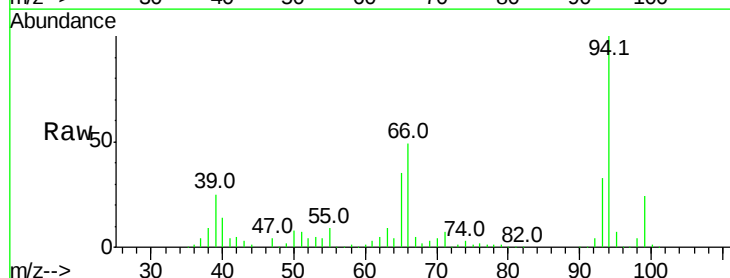
Tgt Ion: 94 Resp: 510414

Ion Ratio Lower Upper

94 100

65 35.0 7.9 47.9

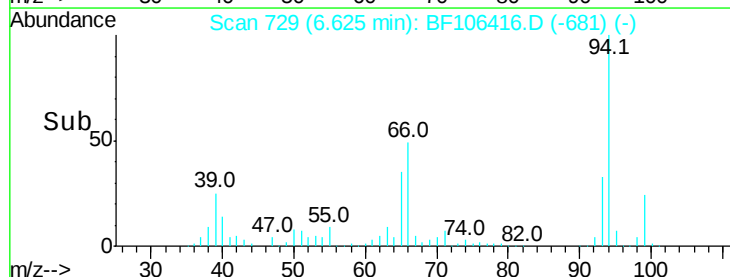
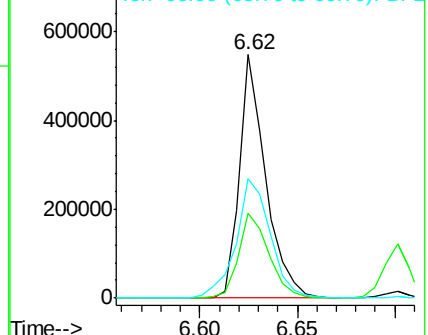
66 48.9 16.2 56.2

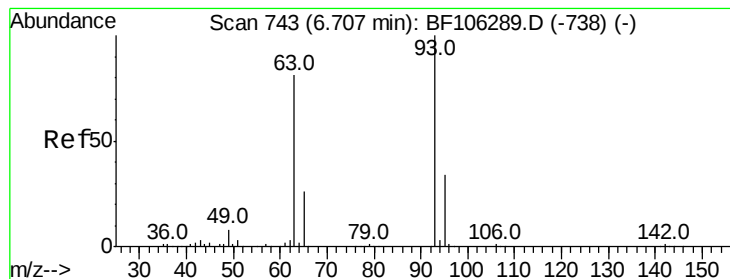


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.666 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

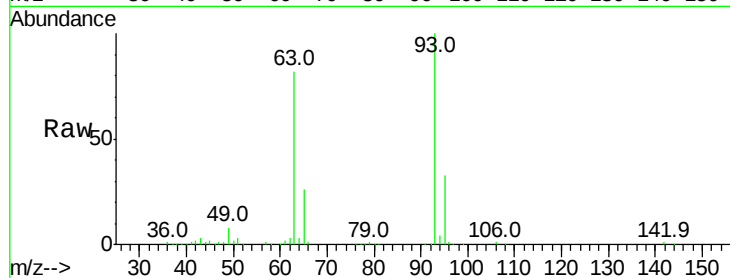
Tot Ion: 93 Resp: 403223

Ion Ratio Lower Upper

93 100

63 81.5 58.6 98.6

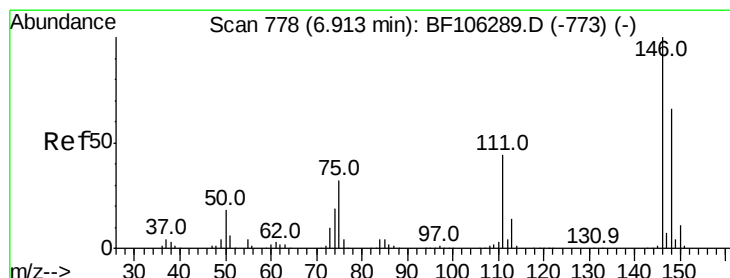
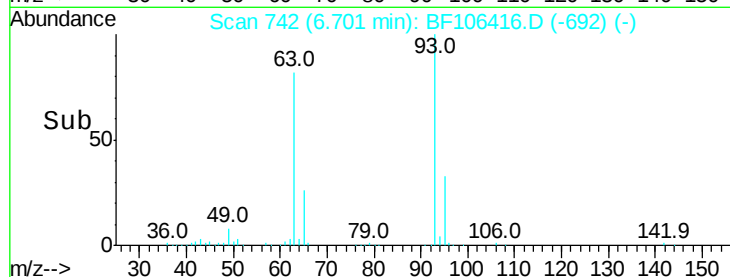
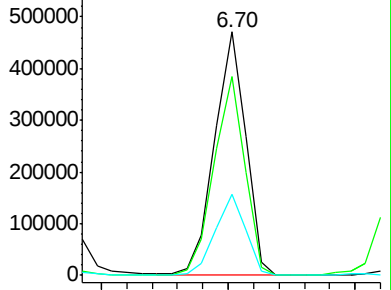
95 33.1 11.8 51.8



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: 41.564 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

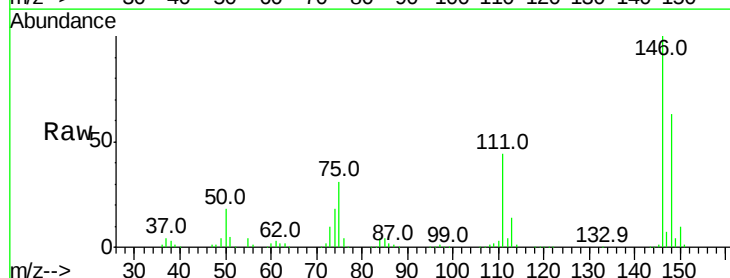
Tgt Ion: 146 Resp: 441779

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

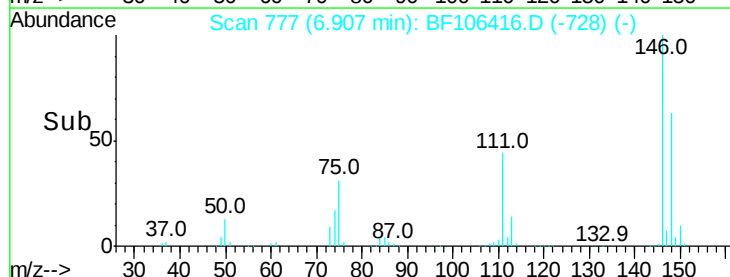
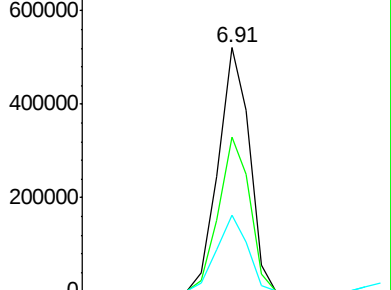
75 31.2 24.2 36.4

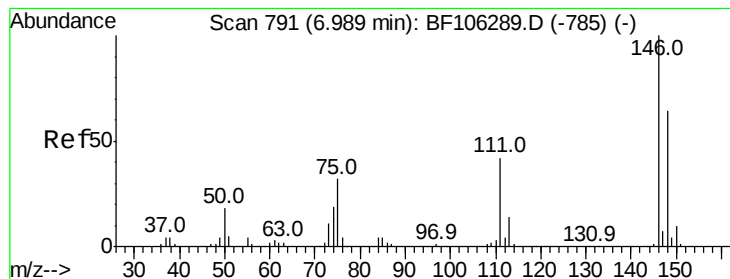


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.057 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

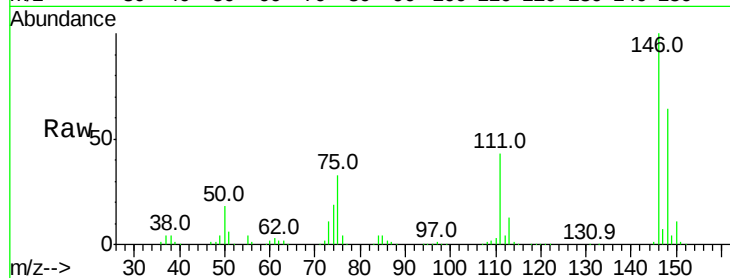
Tot Ion:146 Resp: 442837

Ion Ratio Lower Upper

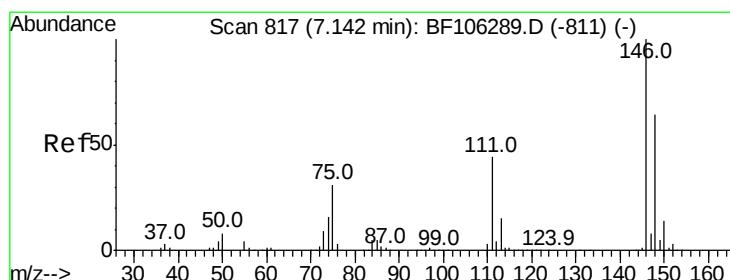
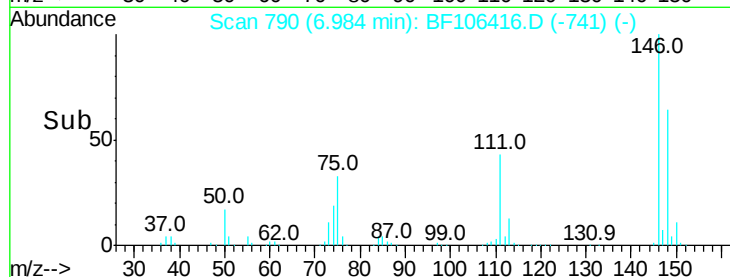
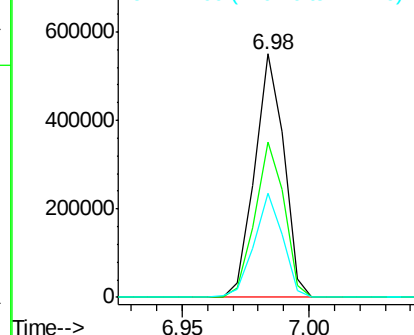
146 100

148 63.7 50.8 76.2

111 42.9 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: 40.358 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

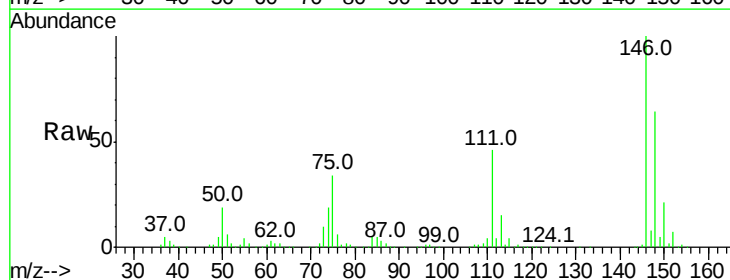
Tgt Ion:146 Resp: 409781

Ion Ratio Lower Upper

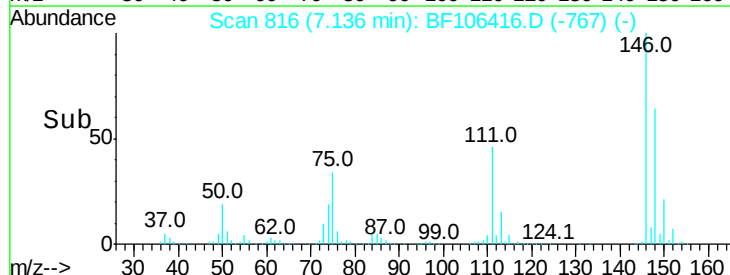
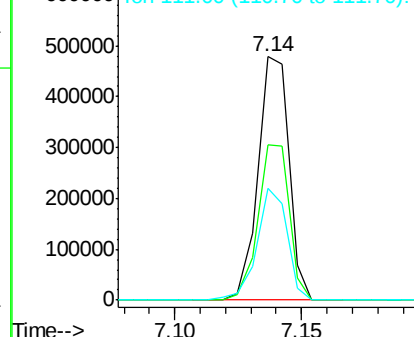
146 100

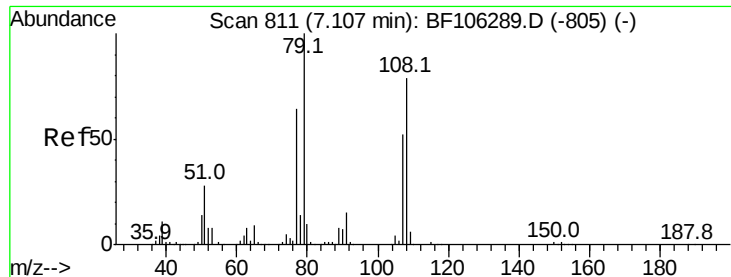
148 63.9 50.6 75.8

111 45.9 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: 40.007 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

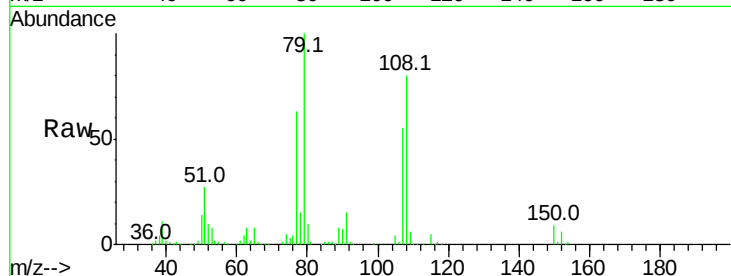
Tot Ion: 79 Resp: 363513

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

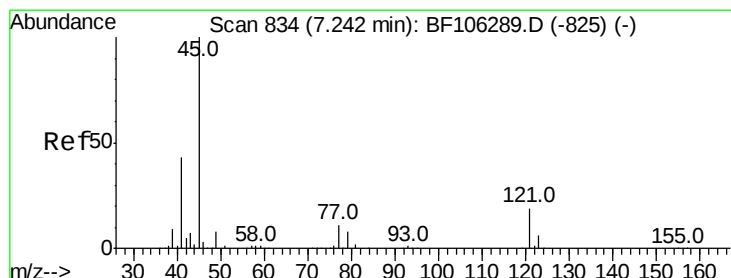
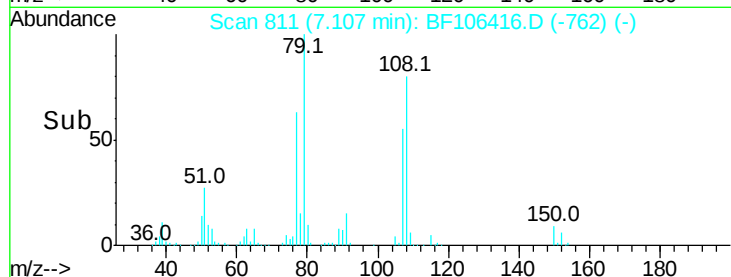
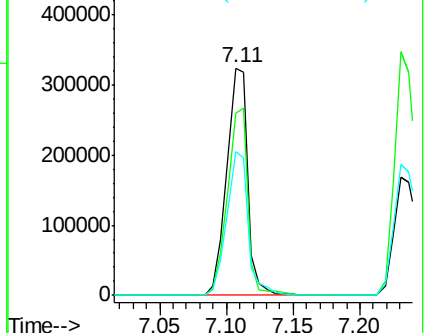
77 63.4 50.6 75.8



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: 41.149 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

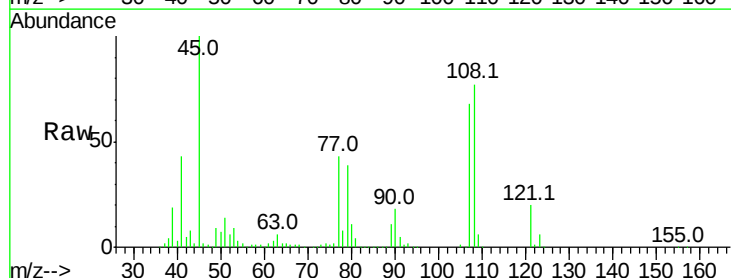
Tgt Ion: 45 Resp: 584871

Ion Ratio Lower Upper

45 100

77 42.6 0.0 32.9#

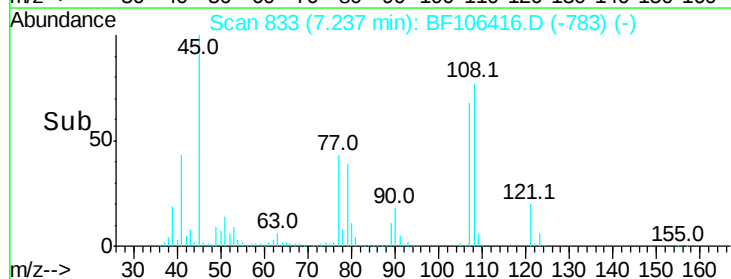
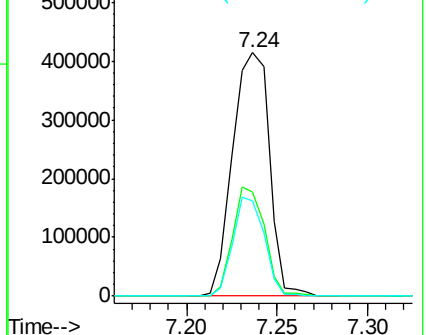
79 39.0 0.0 29.6#

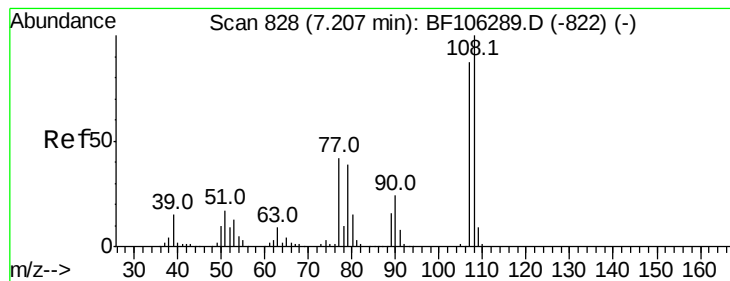


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

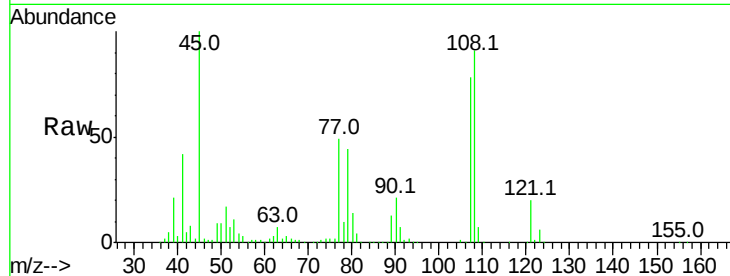




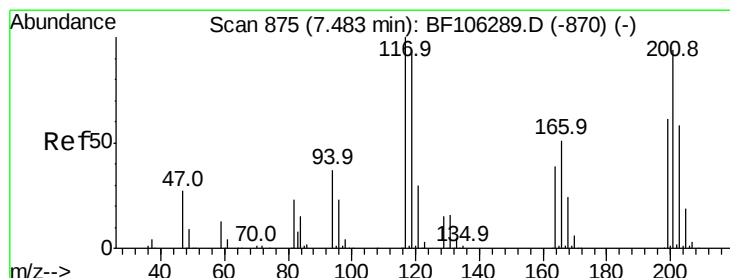
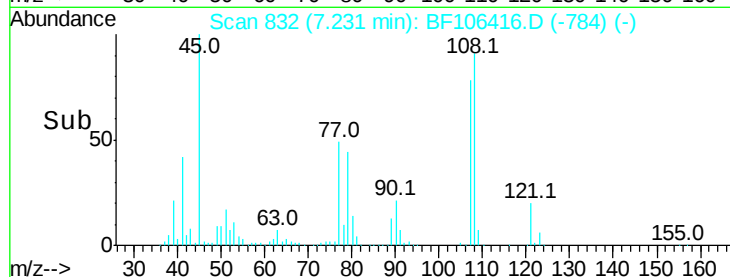
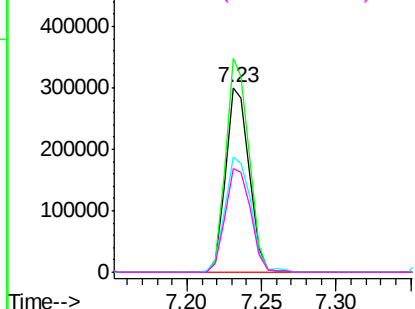
#17
2-Methylphenol
Concen: 41.497 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 334351
Ion Ratio Lower Upper
107 100
108 115.8 91.7 137.5
77 62.2 33.8 50.8#
79 56.4 33.8 50.8#

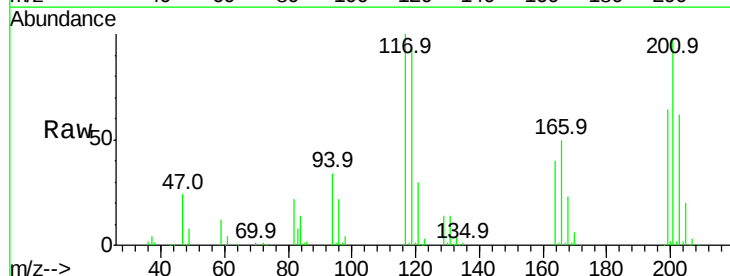


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

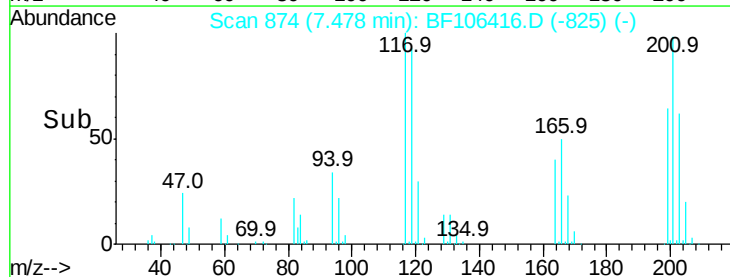
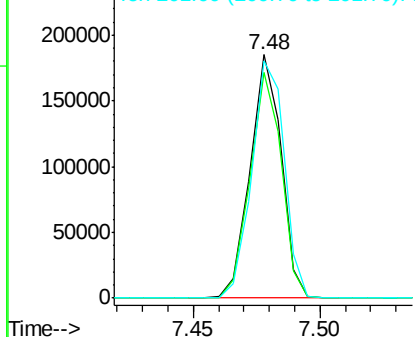


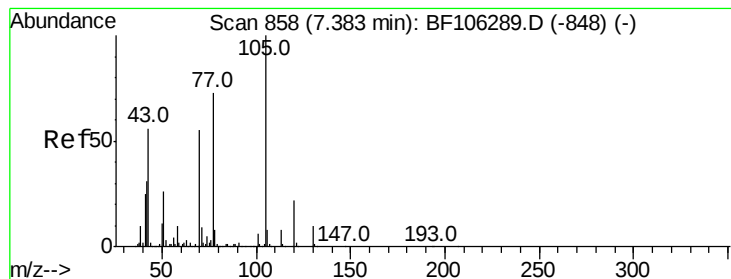
#18
Hexachloroethane
Concen: 41.258 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:117 Resp: 158565
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8
201 97.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.463 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 282279

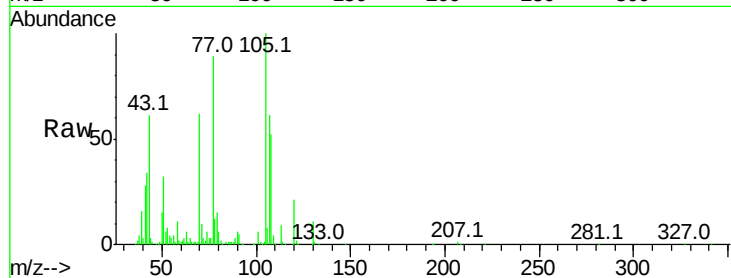
Ion Ratio Lower Upper

70 100

42 55.7 47.5 71.3

101 9.4 7.4 11.2

130 18.4 16.6 25.0

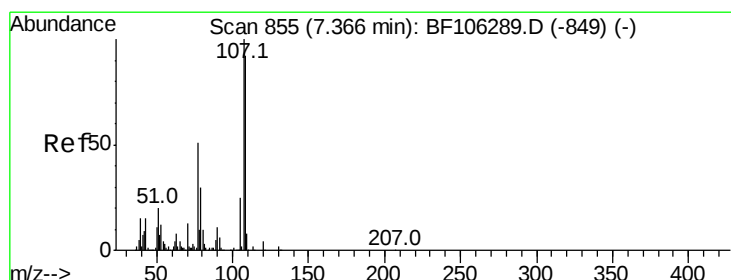
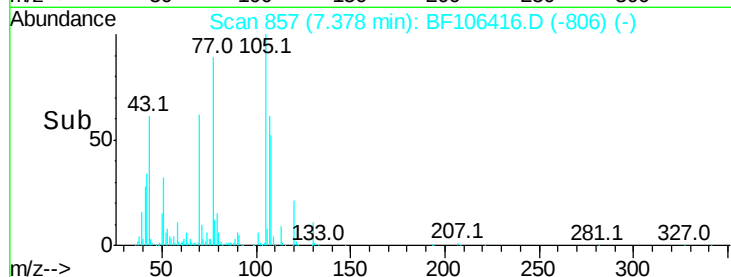
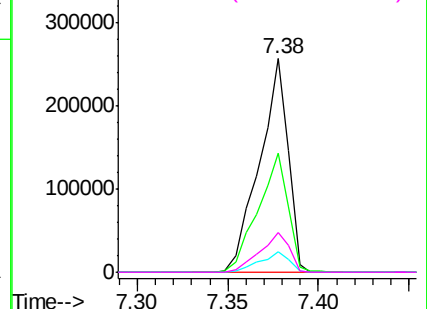


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 42.715 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion: 107 Resp: 440130

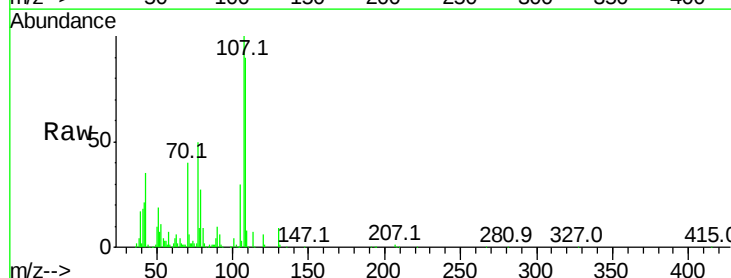
Ion Ratio Lower Upper

107 100

108 90.0 68.2 108.2

77 50.1 26.7 66.7

79 27.4 6.3 46.3

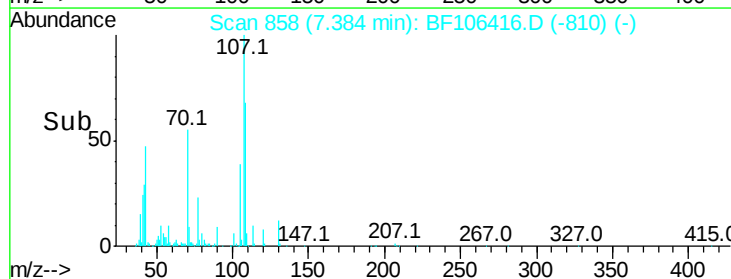
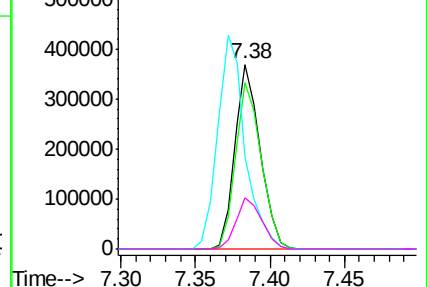


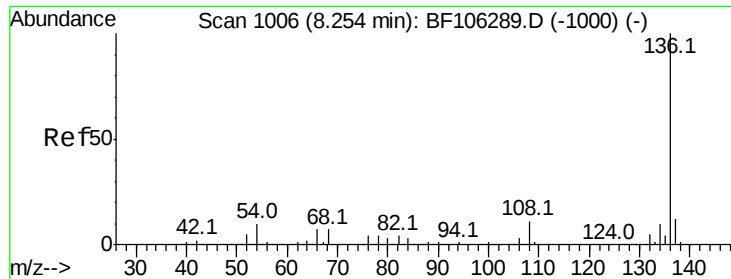
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

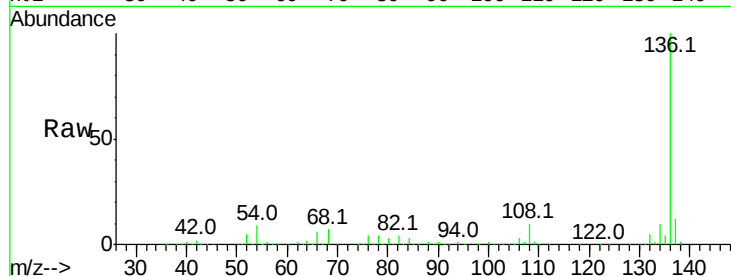




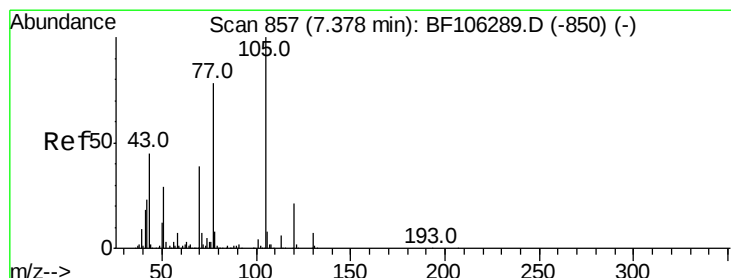
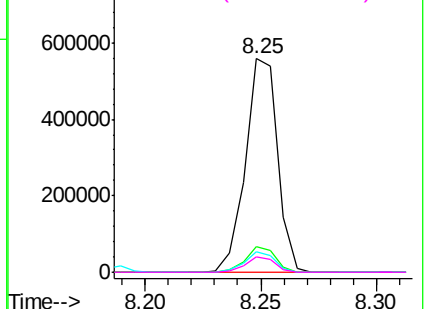
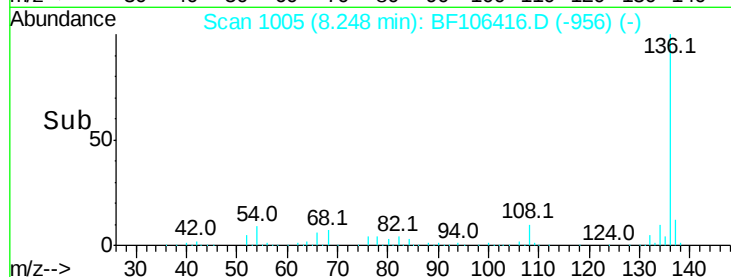
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	543449
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	9.4	6.6	9.8
68	7.1	5.0	7.4

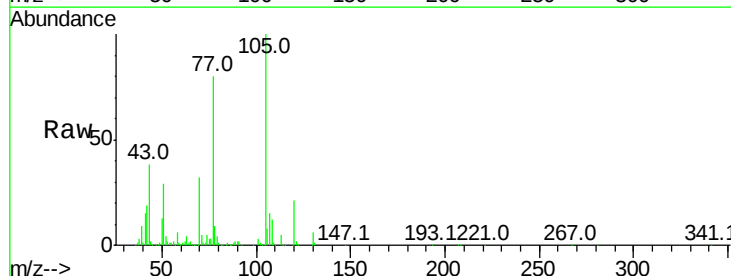


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

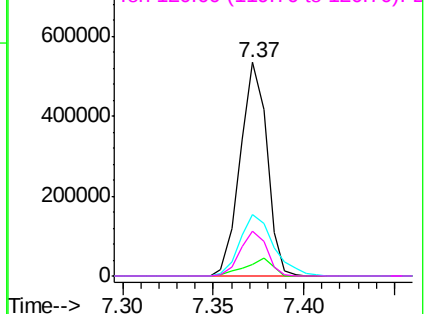
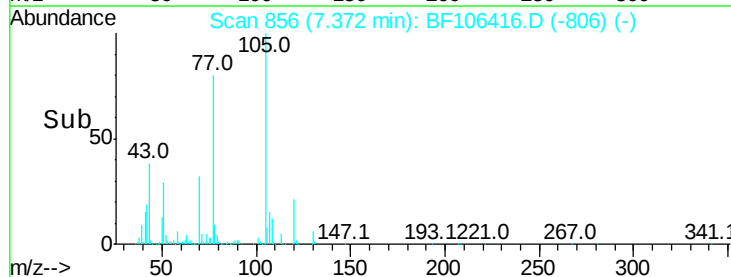


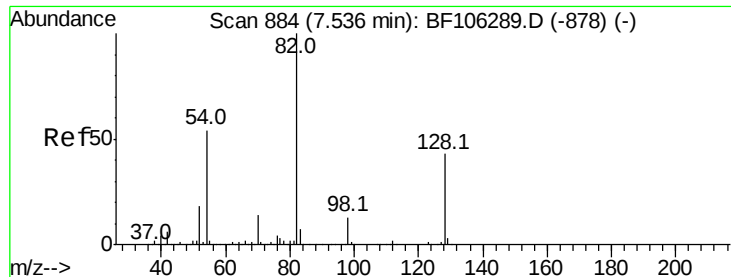
#22
Acetophenone
Concen: 40.022 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:	105	Resp:	548121
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	28.9	22.3	33.5
120	21.0	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

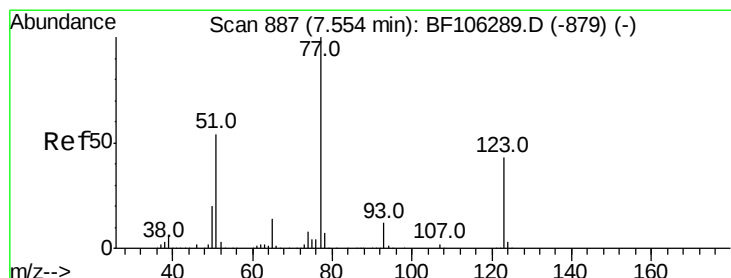
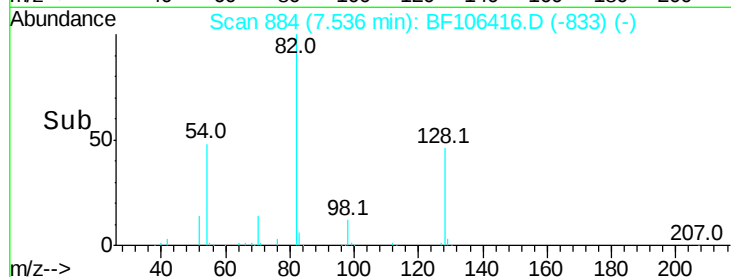
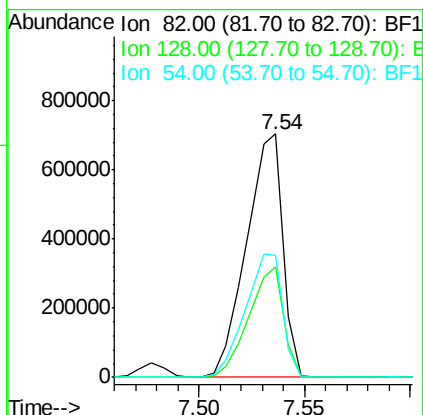
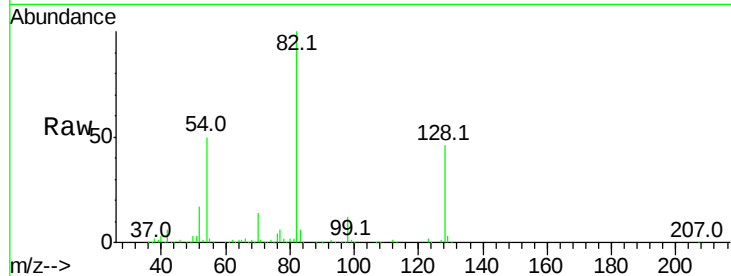




#23
Nitrobenzene-d5
Concen: 91.181 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

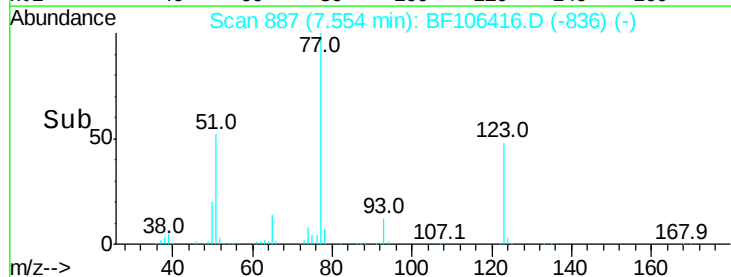
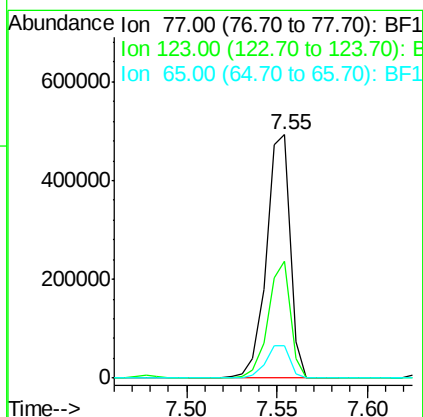
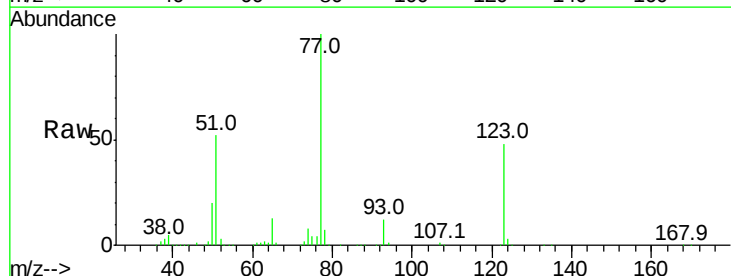
Instrument :
BNA_F
ClientSampleId :

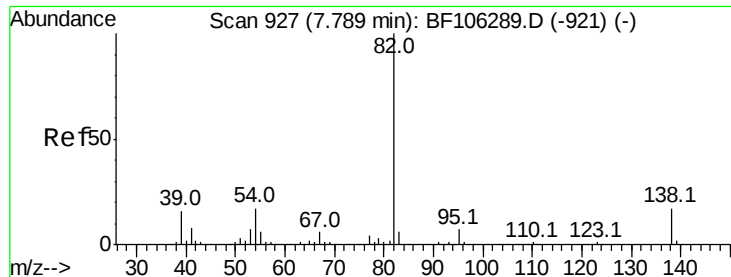
Tot Ion: 82 Resp: 842320
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 50.2 41.4 62.2



#24
Nitrobenzene
Concen: 44.732 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion: 77 Resp: 449139
Ion Ratio Lower Upper
77 100
123 48.1 37.9 56.9
65 13.5 11.0 16.4

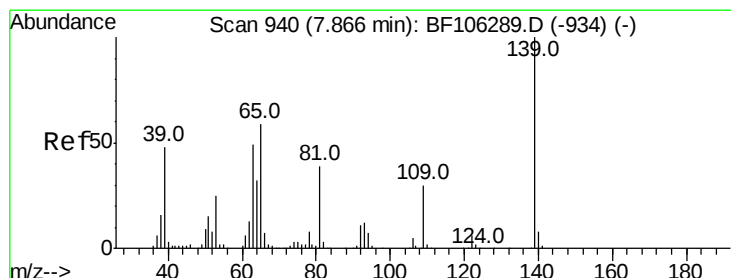
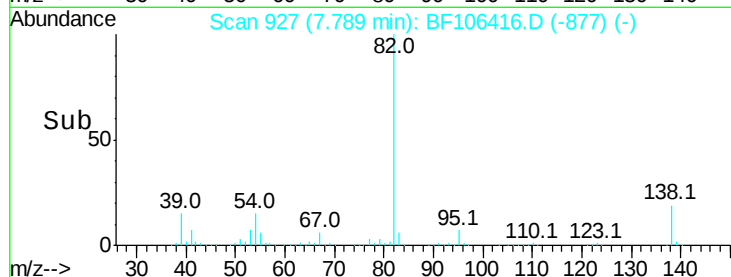
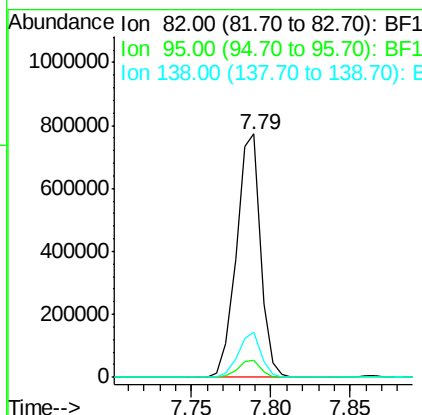
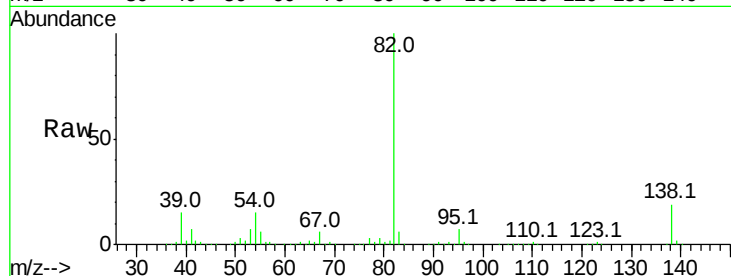




#25
Isophorone
Concen: 44.881 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

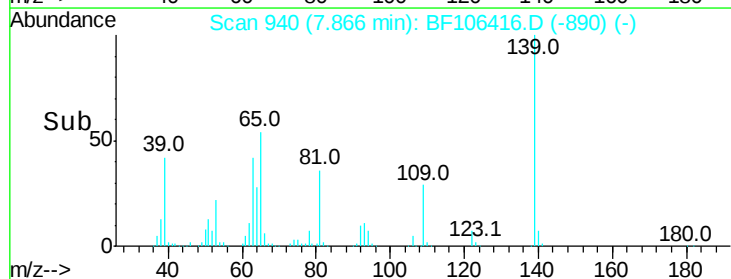
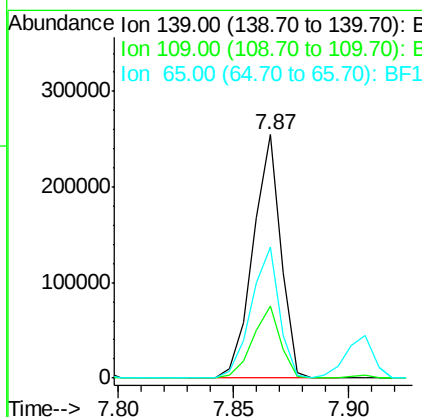
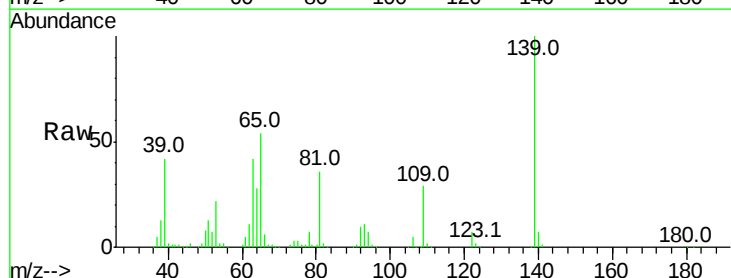
Instrument :
BNA_F
ClientSampleId :

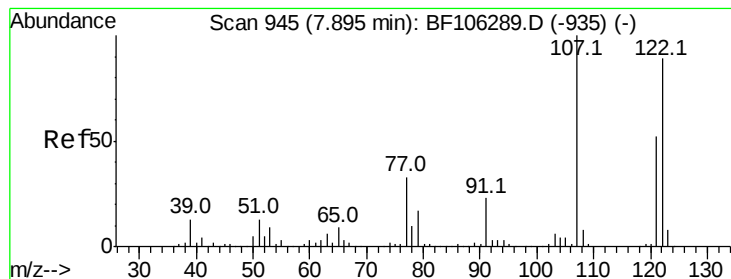
Tot Ion: 82 Resp: 809824
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 55.128 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion: 139 Resp: 214848
Ion Ratio Lower Upper
139 100
109 29.4 22.7 34.1
65 53.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.616 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

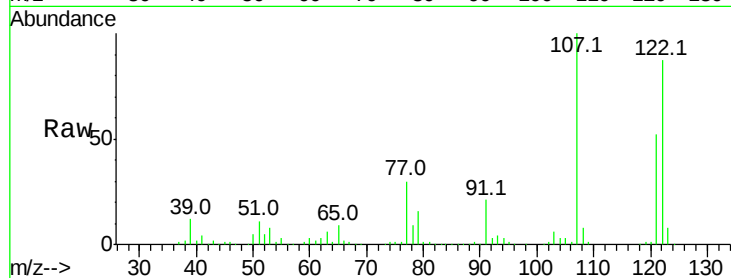
Tot Ion:122 Resp: 363722

Ion Ratio Lower Upper

122 100

107 115.5 91.2 136.8

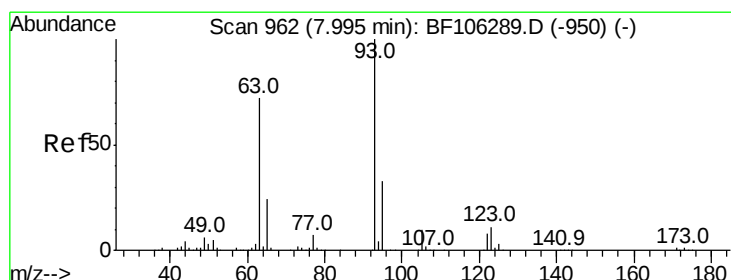
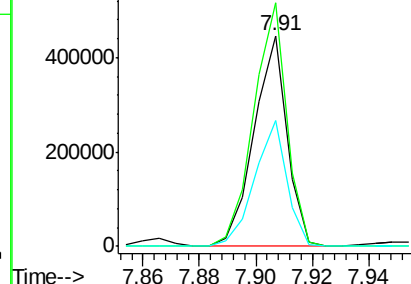
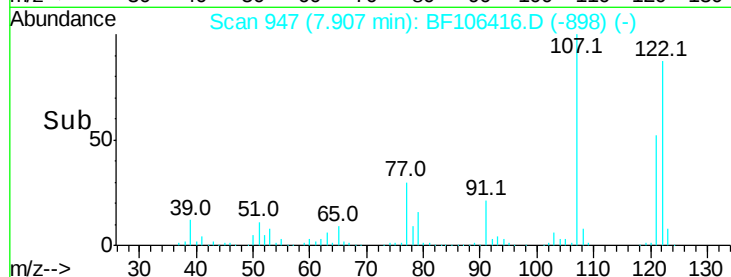
121 59.6 47.2 70.8



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: 43.693 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

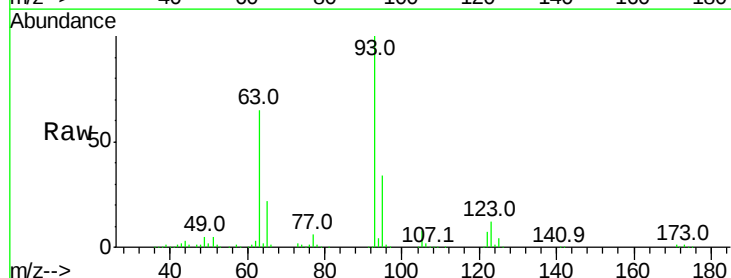
Tgt Ion: 93 Resp: 511203

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

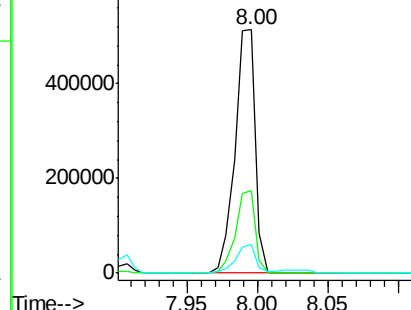
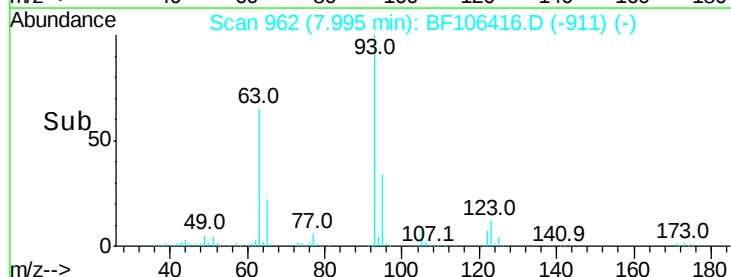
123 11.8 9.8 14.6

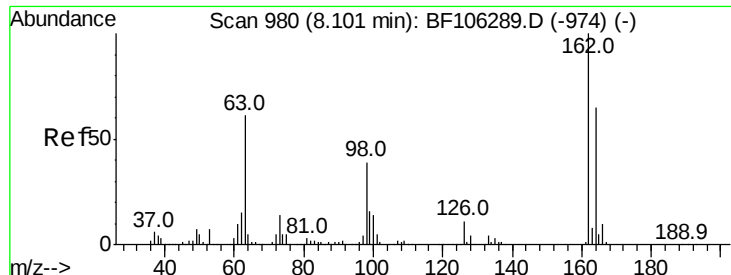


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

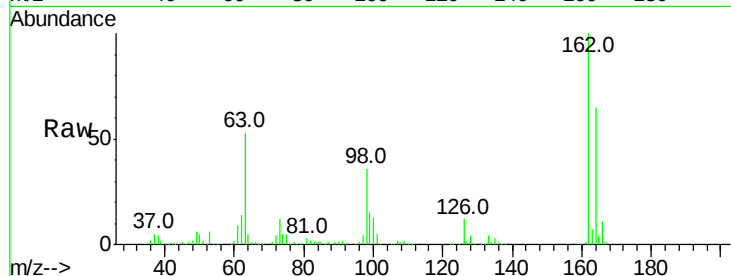




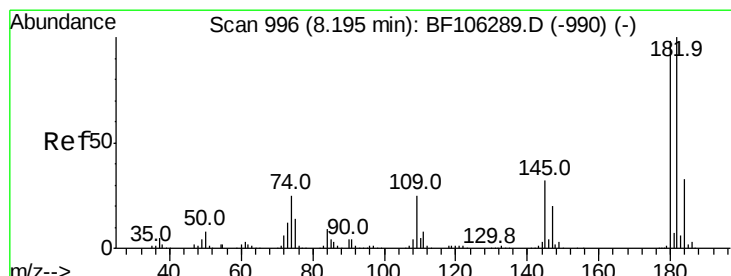
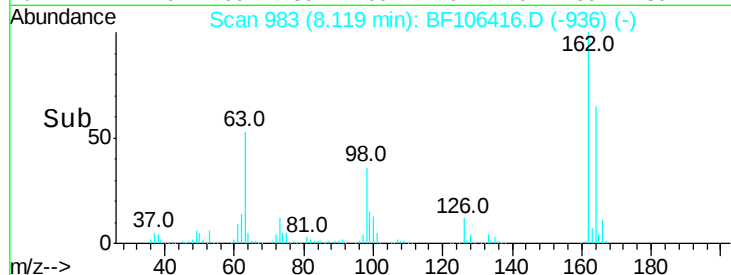
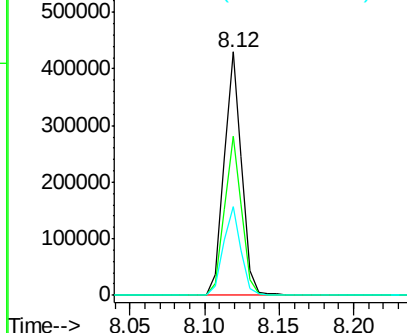
#29
2,4-Dichlorophenol
Concen: 48.415 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	36.5	18.1	58.1



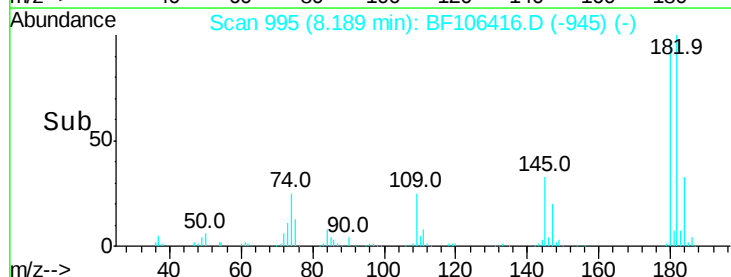
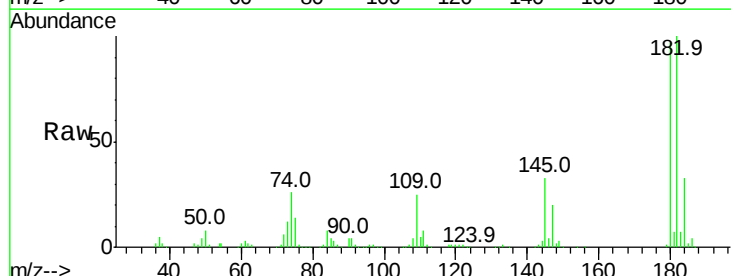
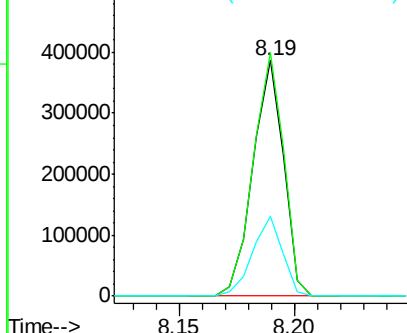
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

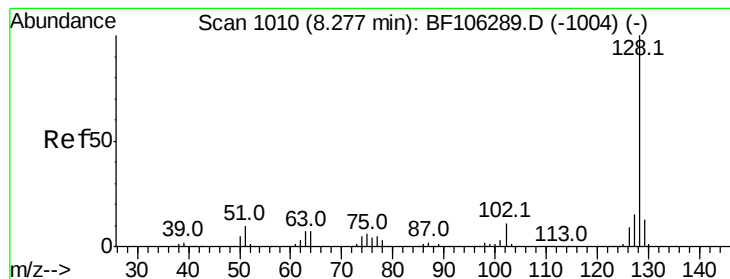


#30
1,2,4-Trichlorobenzene
Concen: 43.452 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.3	76.8	115.2
145	33.7	26.5	39.7

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





#31

Naphthalene

Concen: 44.023 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

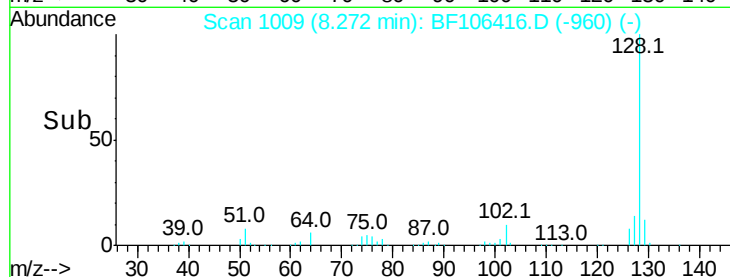
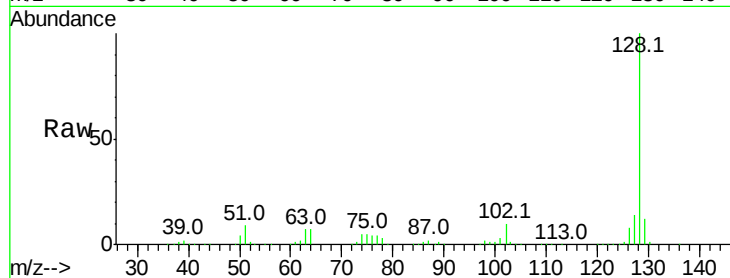
Tot Ion:128 Resp: 1081502

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

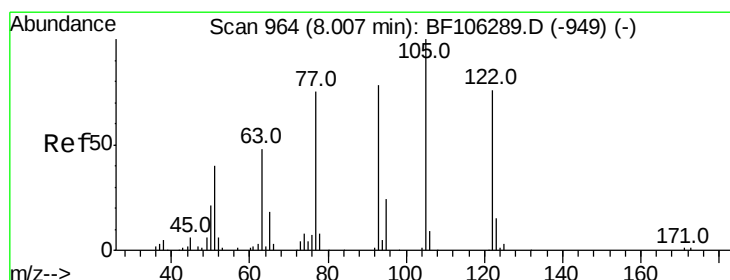
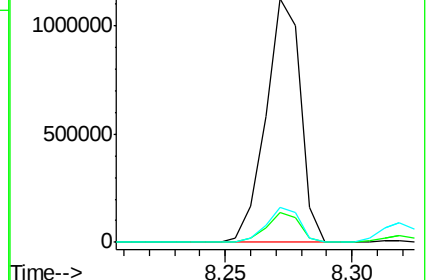
127 14.3 10.9 16.3



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: 43.113 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.03 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

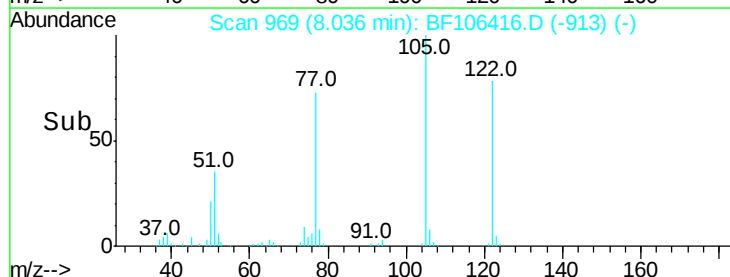
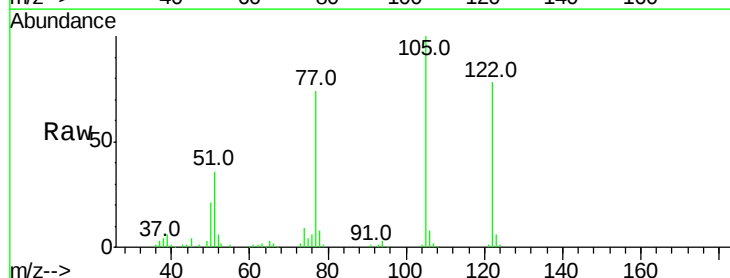
Tgt Ion:122 Resp: 237971

Ion Ratio Lower Upper

122 100

105 128.6 101.1 141.1

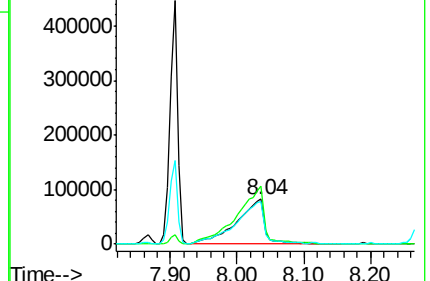
77 95.5 70.7 110.7

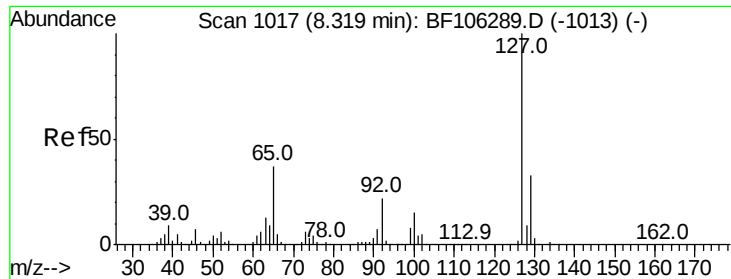


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

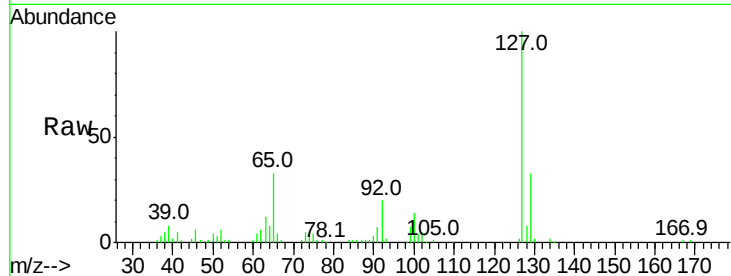




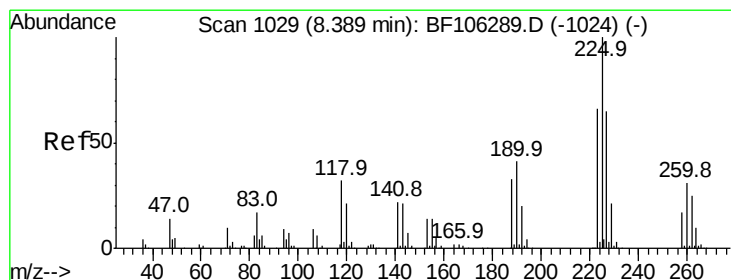
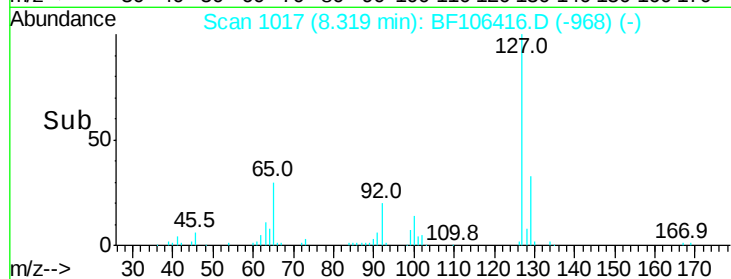
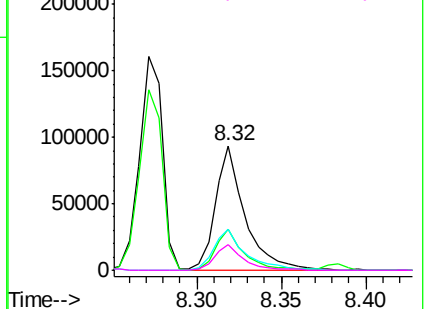
#33
4-Chloroaniline
Concen: 10.336 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	112533
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	32.6	25.0	37.4
92	20.5	15.2	22.8

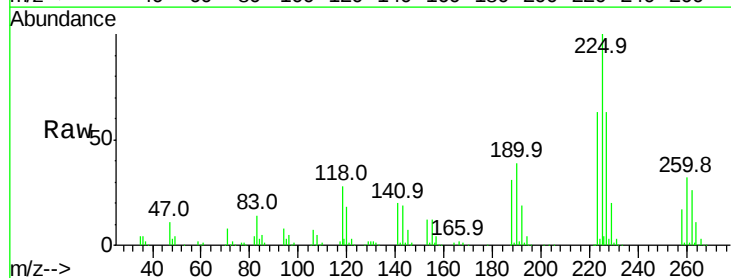


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

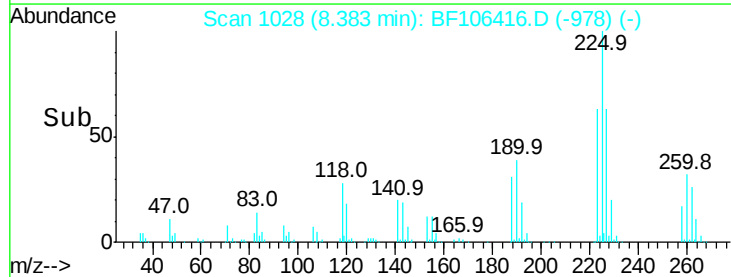
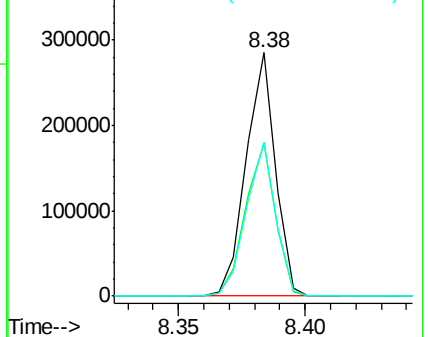


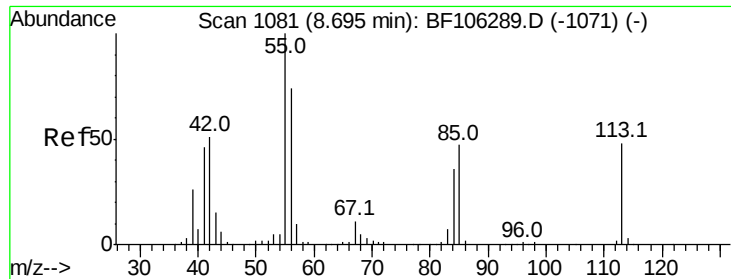
#34
Hexachlorobutadiene
Concen: 43.230 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:	225	Resp:	229487
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.0	51.9	77.9



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

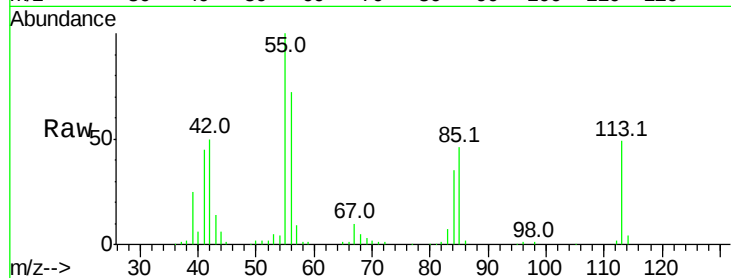




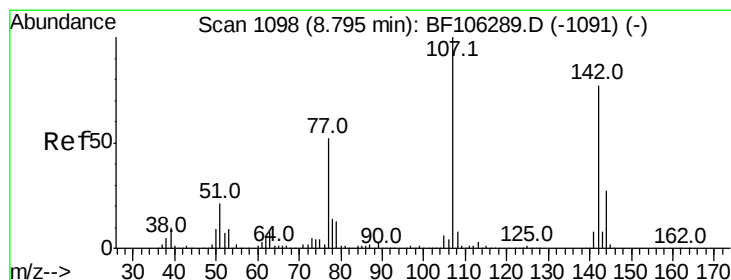
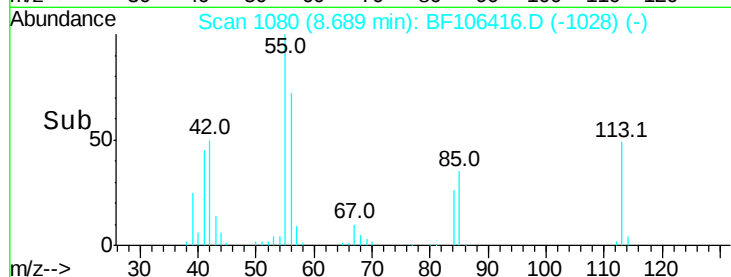
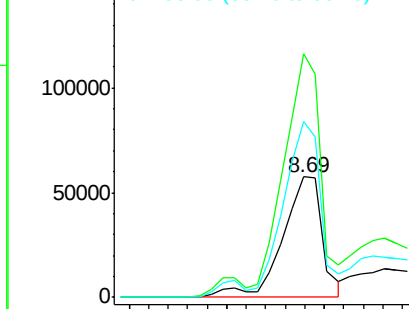
#35
 Caprolactam
 Concen: 32.538 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 81105
 Ion Ratio Lower Upper
 113 100
 55 202.4 163.3 203.3
 56 145.7 115.7 155.7

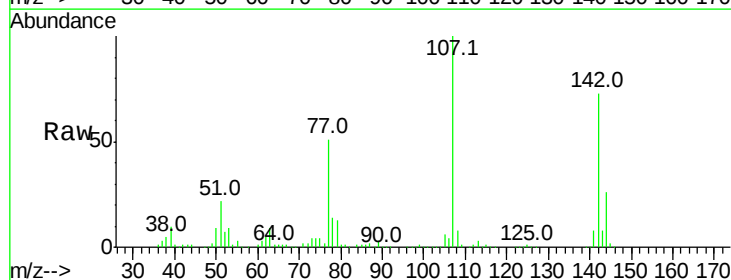


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

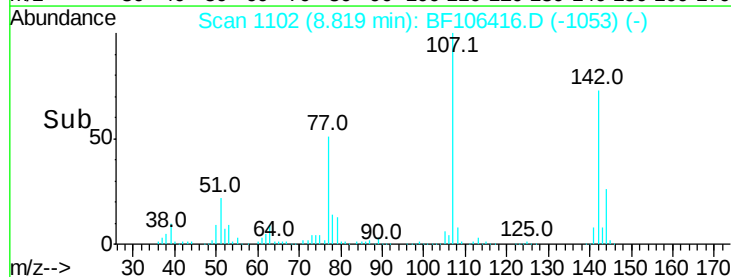
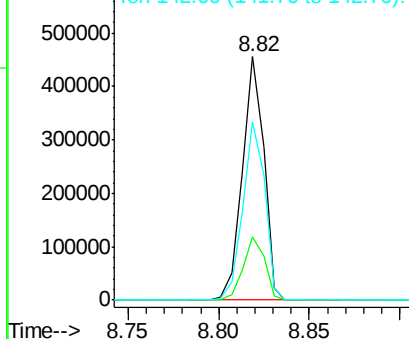


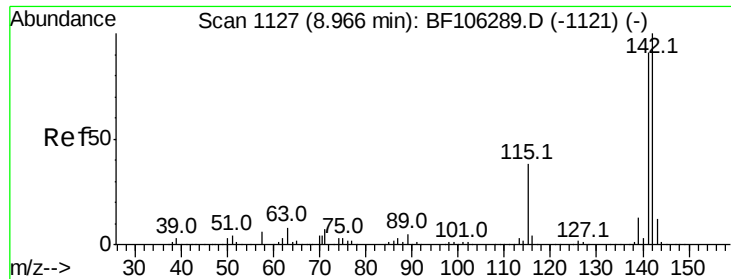
#36
 4-Chloro-3-methylphenol
 Concen: 46.109 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion:107 Resp: 375865
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 73.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

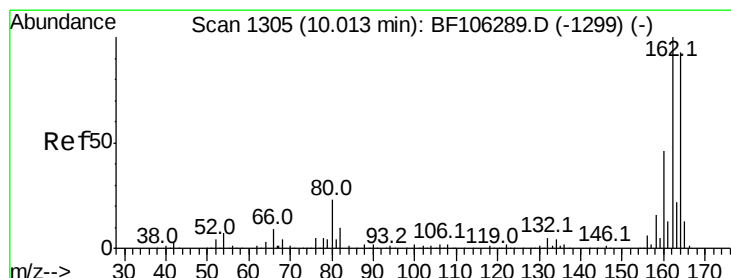
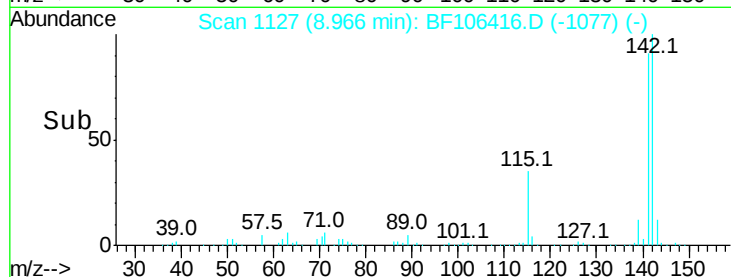
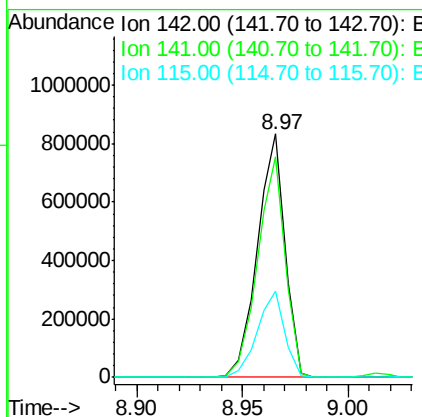
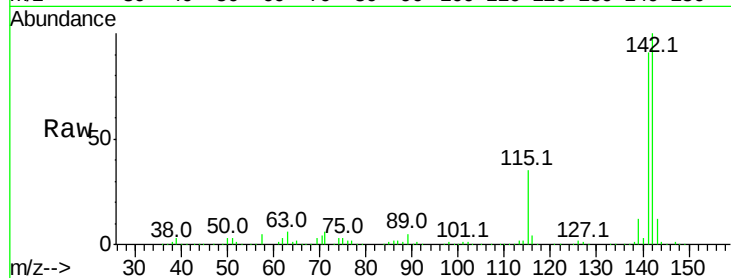




#37
 2-Methylnaphthalene
 Concen: 45.248 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

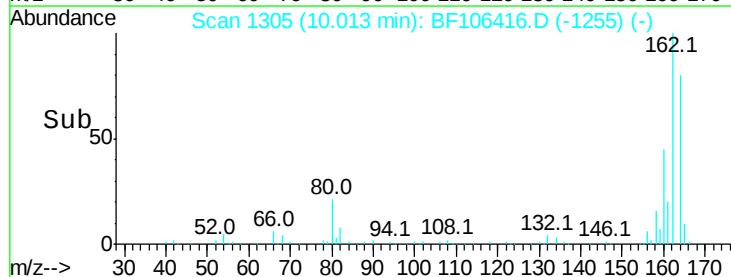
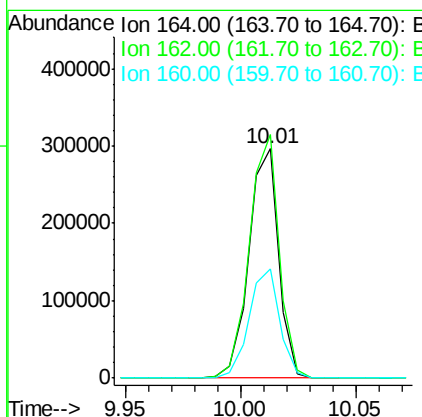
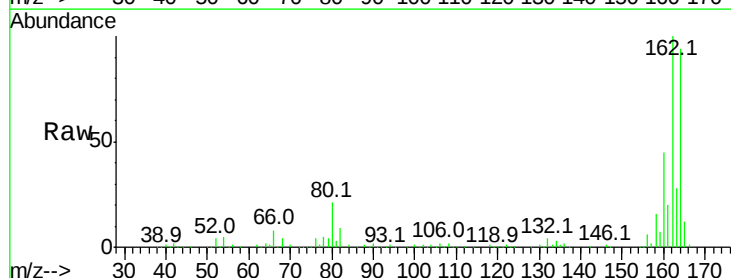
Instrument :
 BNA_F
 ClientSampled :

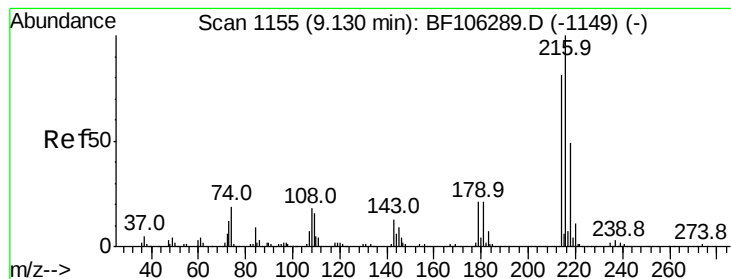
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	35.4	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.876 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 389807

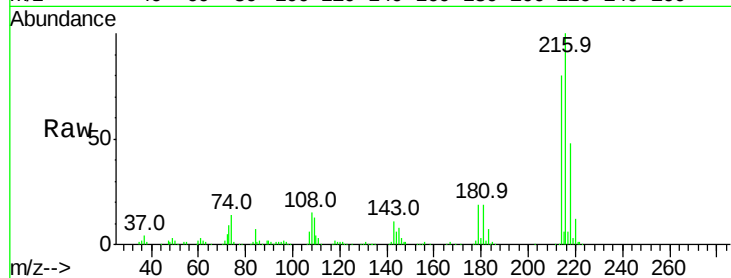
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 19.7 18.1 27.1

108 18.1 17.2 25.8

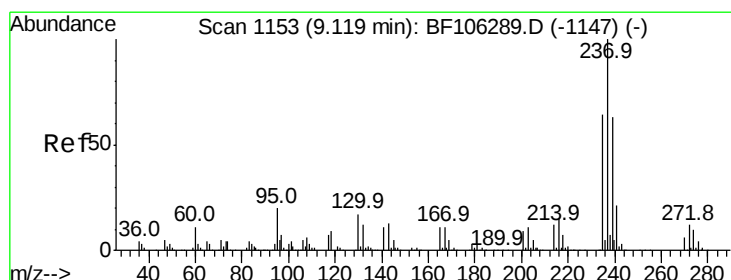
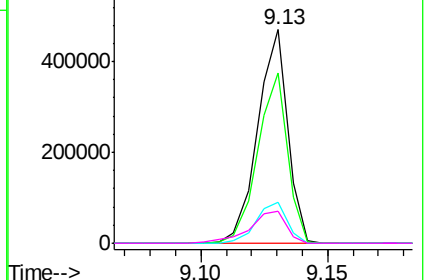
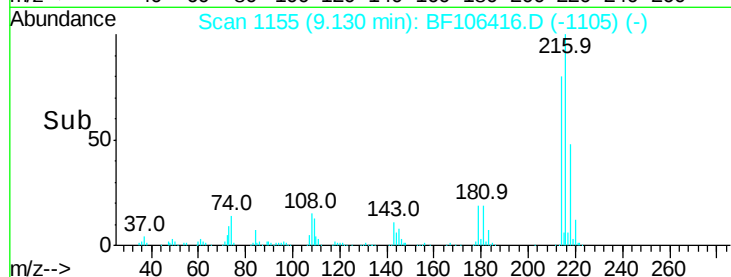


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.655 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

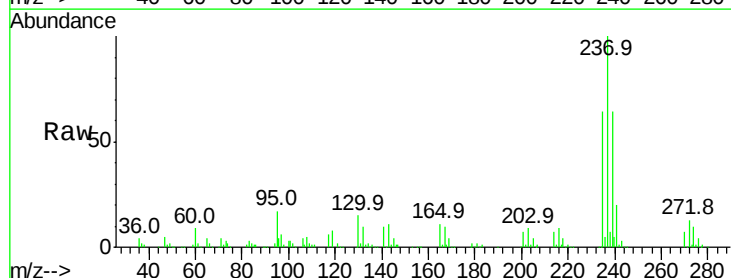
Tgt Ion:237 Resp: 247561

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

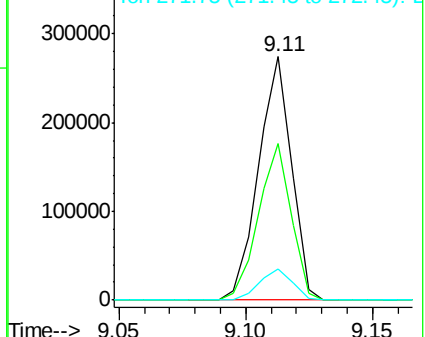
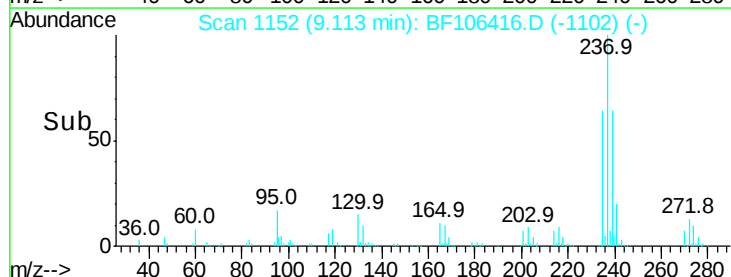
272 12.9 0.0 33.3

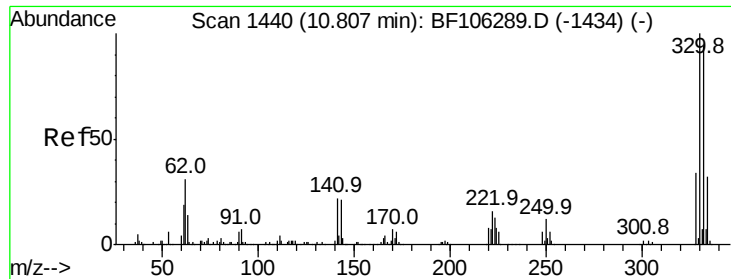


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

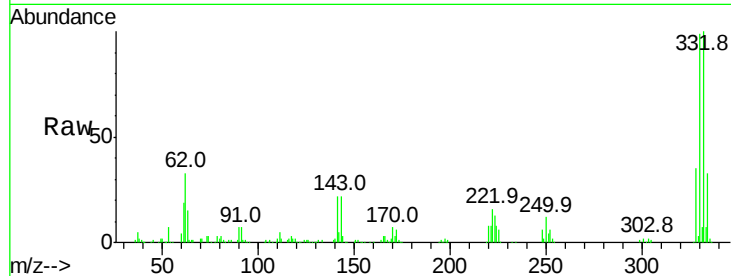




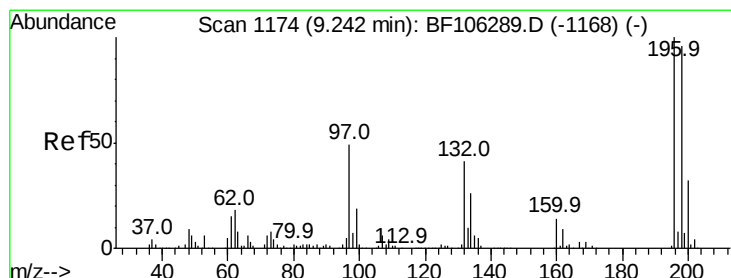
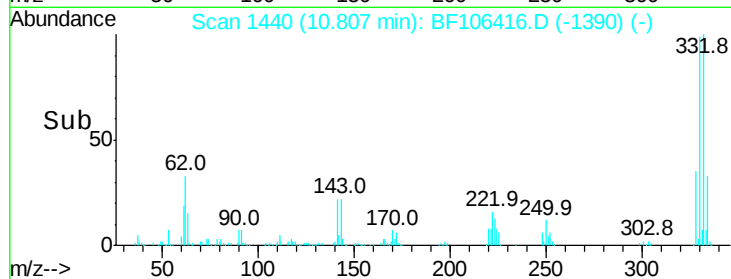
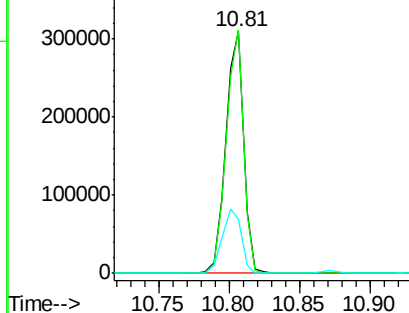
#41
 2,4,6-Tribromophenol
 Concen: 105.383 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.5	29.9	44.9#

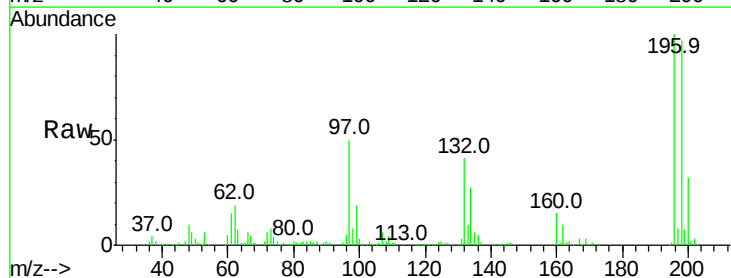


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

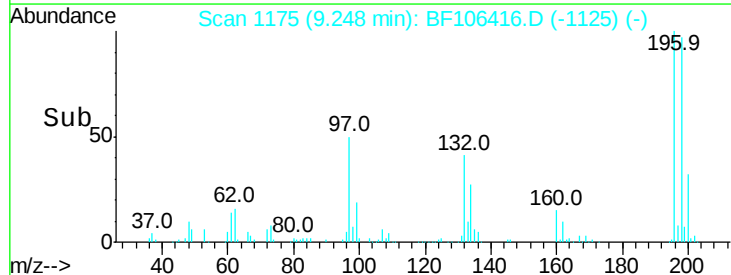
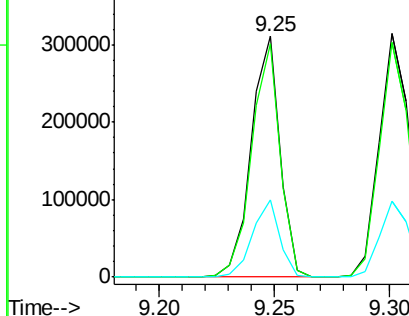


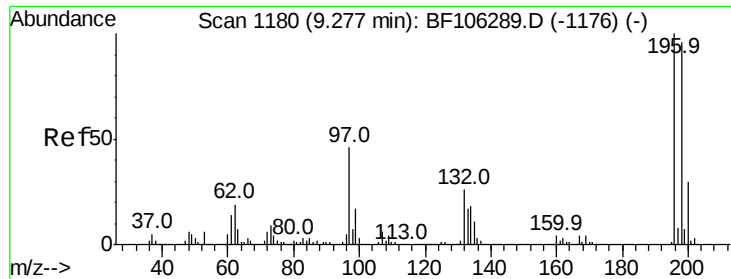
#42
 2,4,6-Trichlorophenol
 Concen: 49.195 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	31.9	24.5	36.7



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

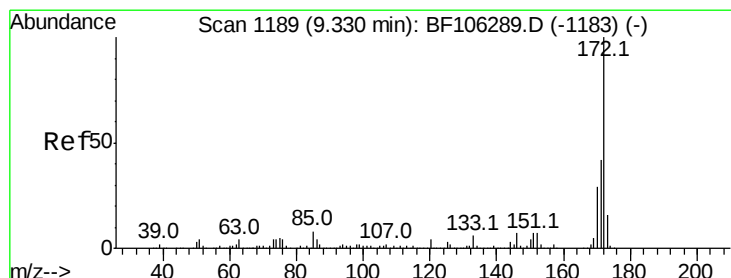
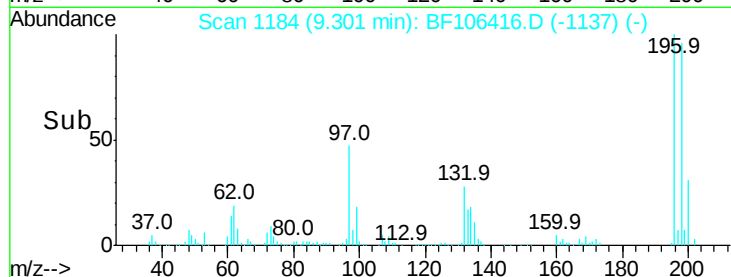
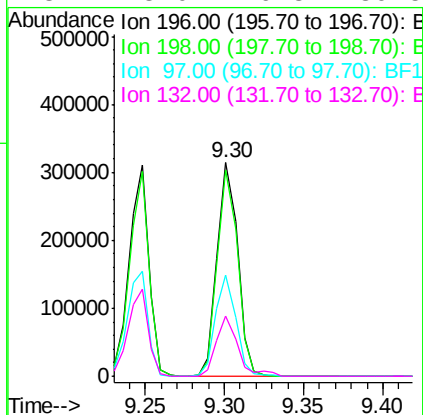
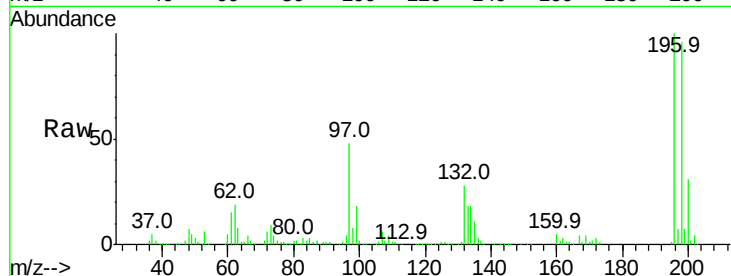




#43
 2,4,5-Trichlorophenol
 Concen: 48.110 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

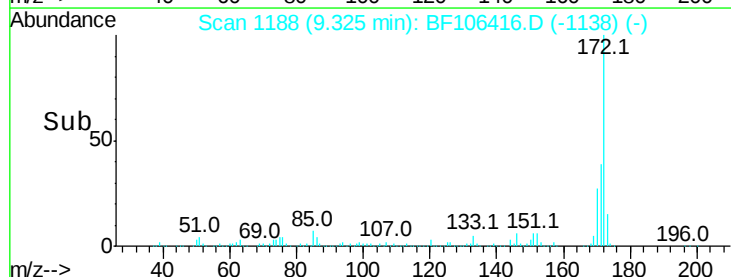
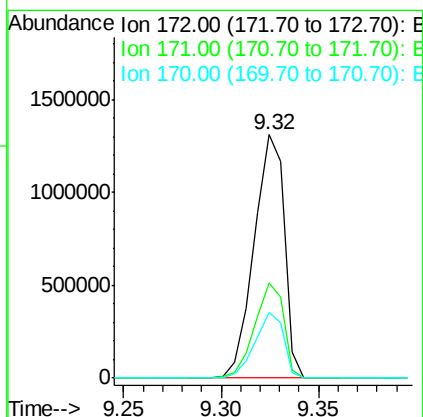
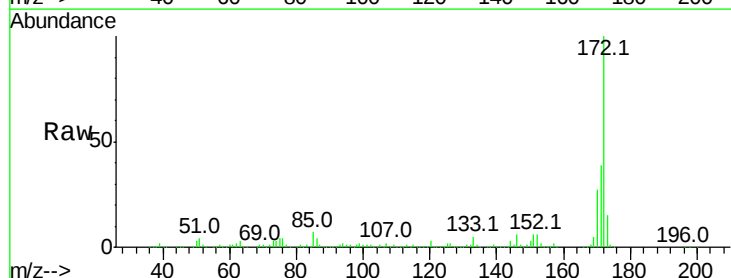
Instrument :
 BNA_F
 ClientSampled :

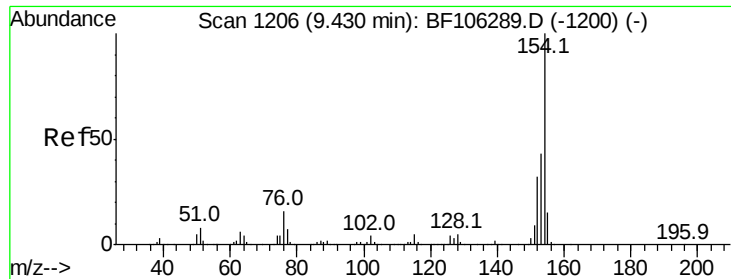
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	47.5	42.9	64.3
132	28.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 97.596 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	26.9	19.6	29.4

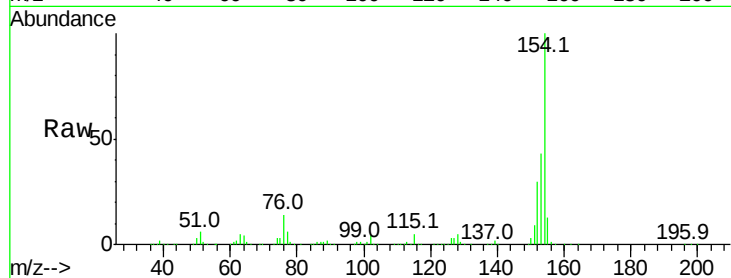




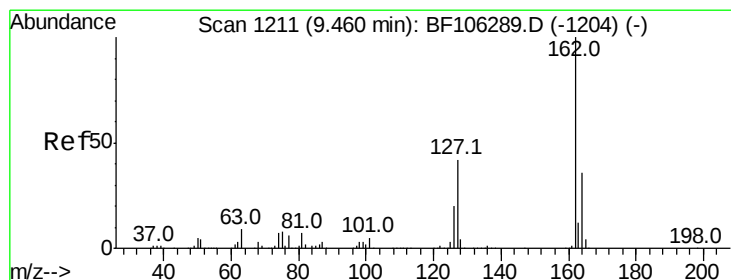
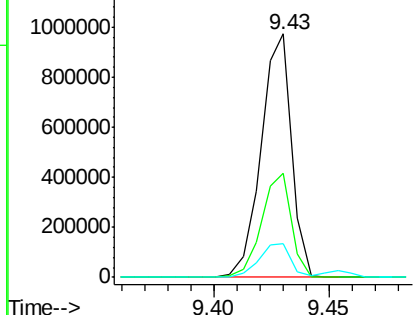
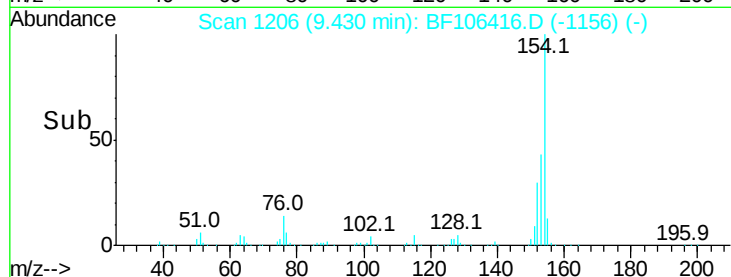
#45
 1,1'-Biphenyl
 Concen: 42.967 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.3	61.3
76	13.6	0.0	34.0

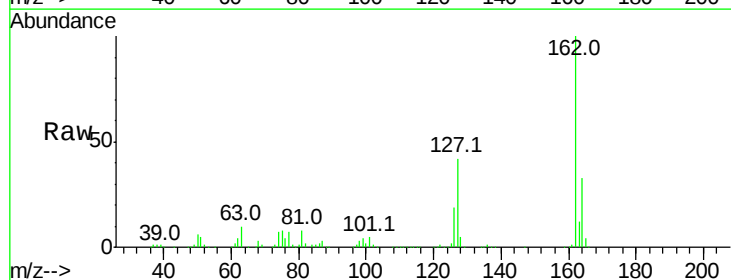


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

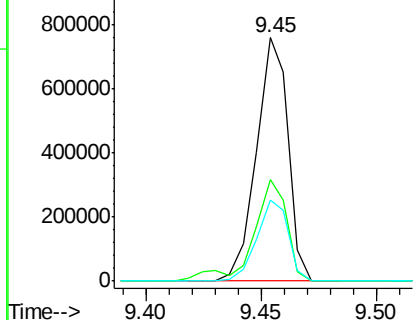
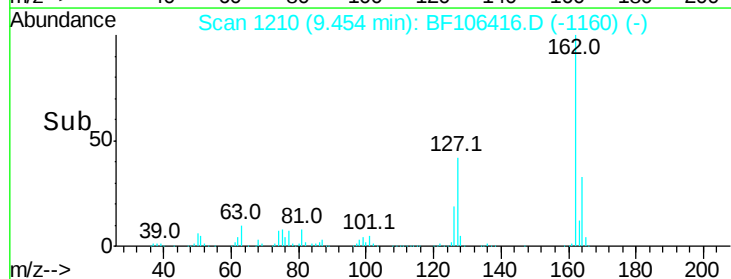


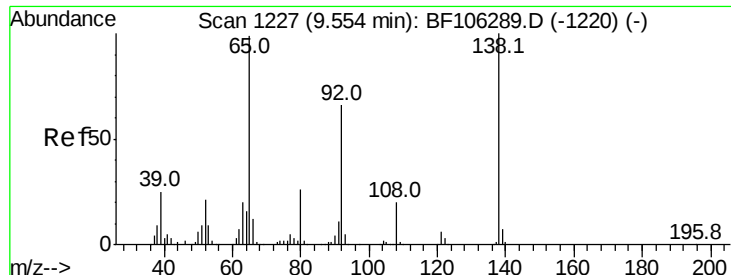
#46
 2-Chloronaphthalene
 Concen: 43.740 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	33.4	26.5	39.7



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

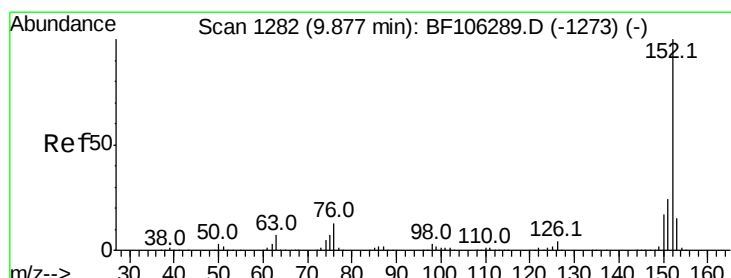
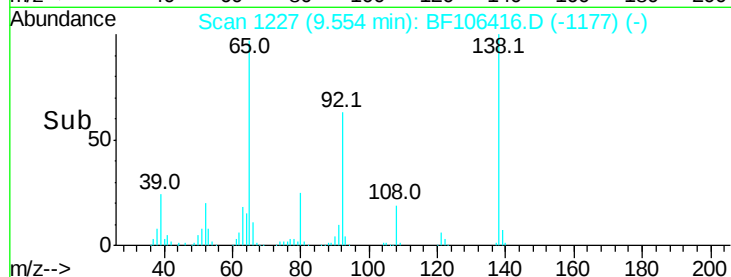
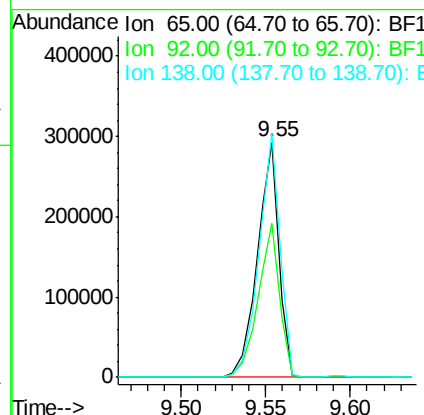
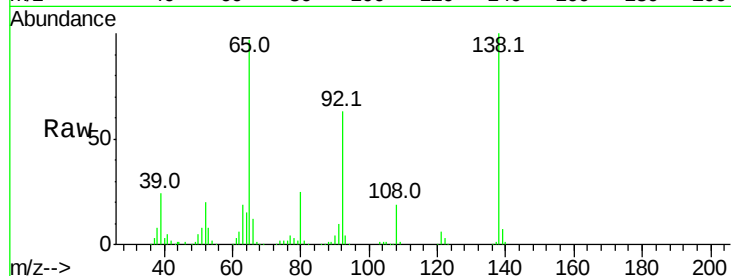




#47
2-Nitroaniline
Concen: 50.141 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

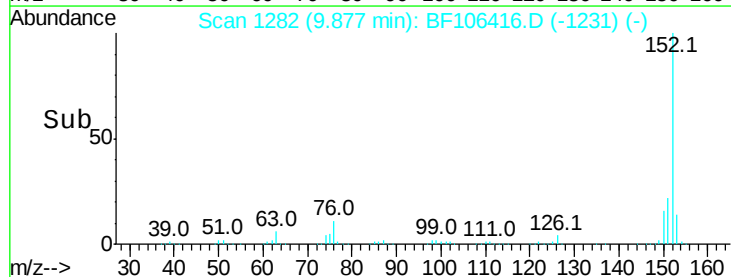
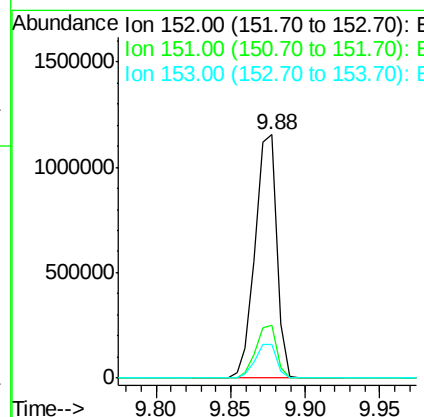
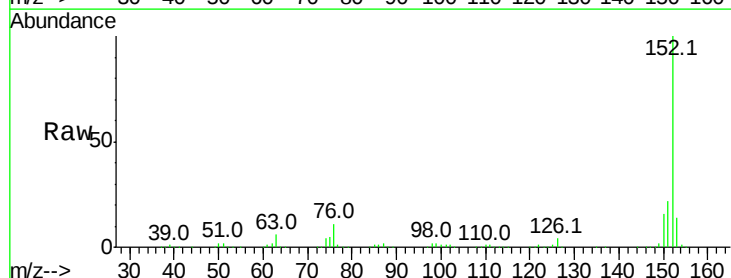
Instrument :
BNA_F
ClientSampleId :

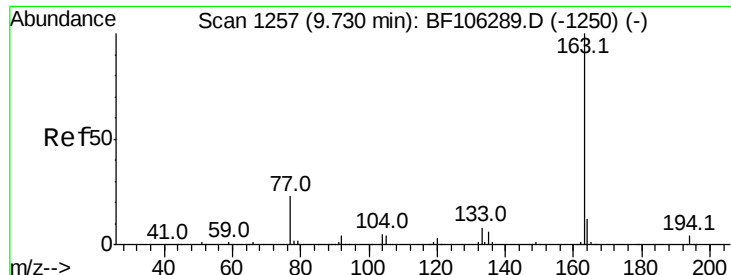
Tot Ion: 65 Resp: 261613
Ion Ratio Lower Upper
65 100
92 65.5 55.8 83.6
138 103.6 91.2 136.8



#48
Acenaphthylene
Concen: 45.365 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion: 152 Resp: 1151663
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 13.9 10.7 16.1

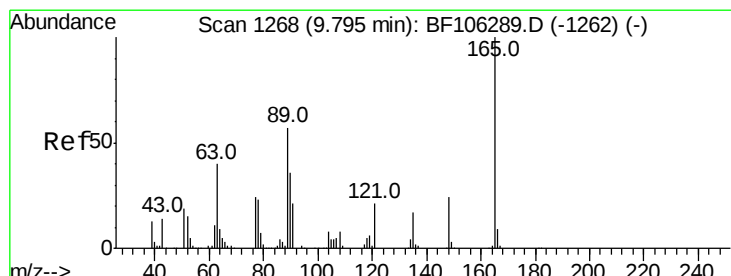
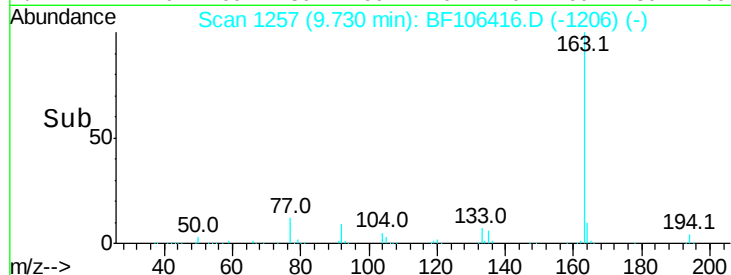
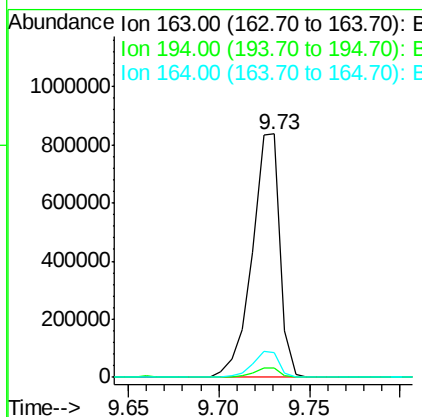
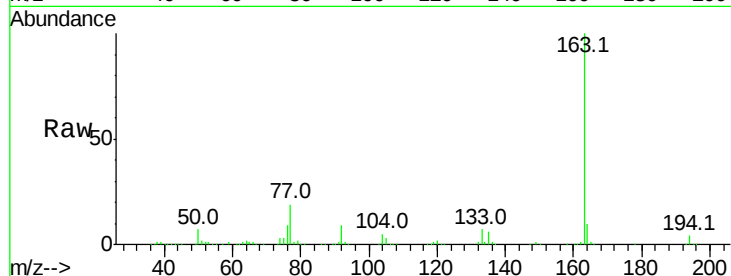




#49
Dimethylphthalate
Concen: 46.429 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

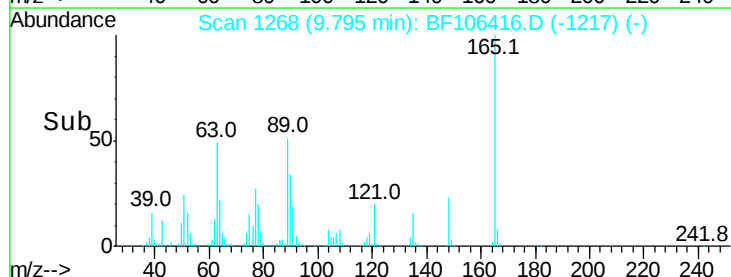
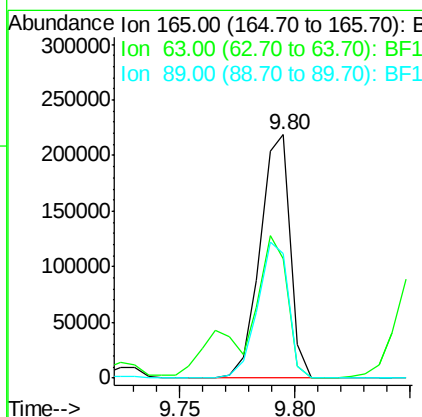
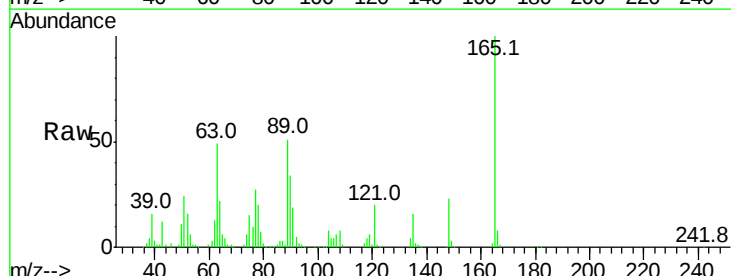
Instrument :
BNA_F
ClientSampled :

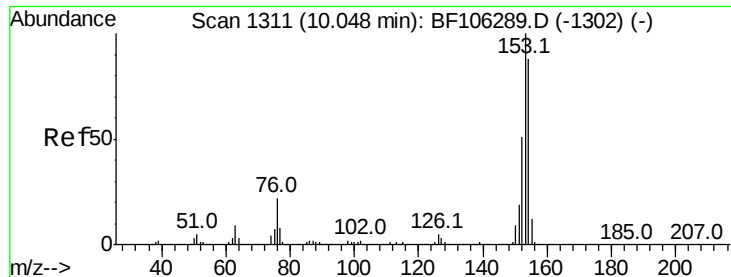
Tot Ion:163 Resp: 887584
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 50.902 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:165 Resp: 198770
Ion Ratio Lower Upper
165 100
63 49.1 44.7 67.1
89 51.1 44.0 66.0





#51

Acenaphthene

Concen: 40.243 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

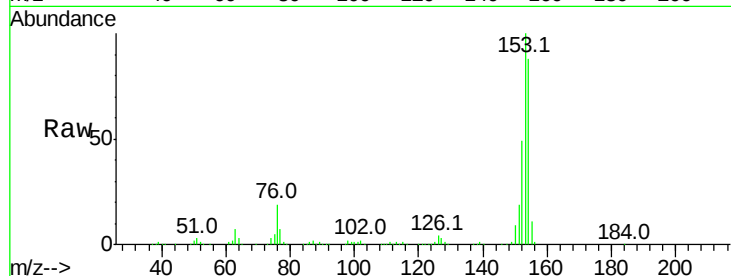
Tot Ion:154 Resp: 659775

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

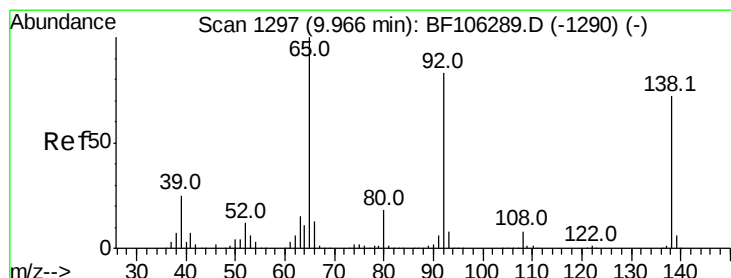
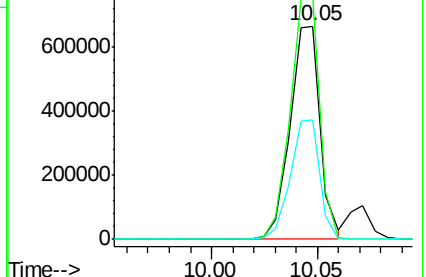
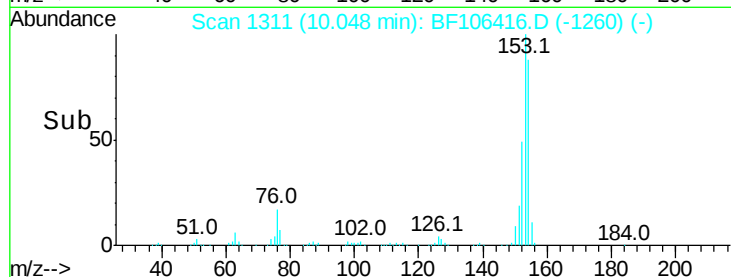
152 56.2 43.8 65.8



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: 24.164 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

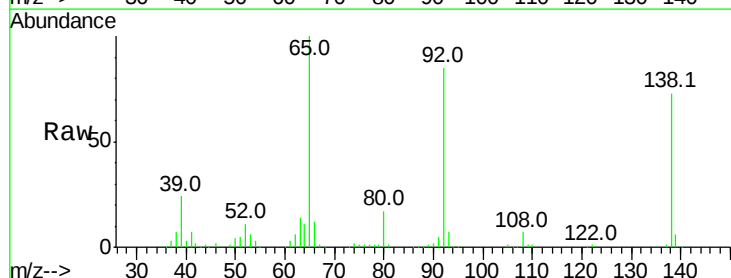
Tgt Ion:138 Resp: 111994

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

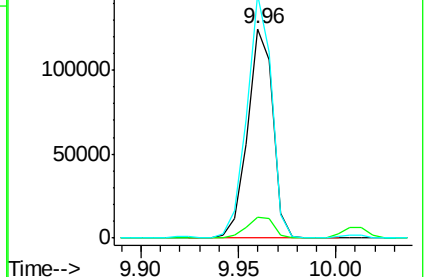
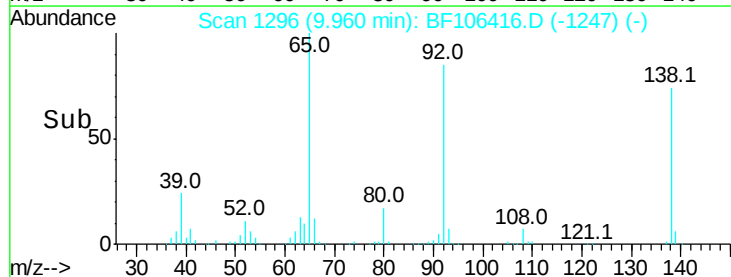
92 116.3 89.4 134.2

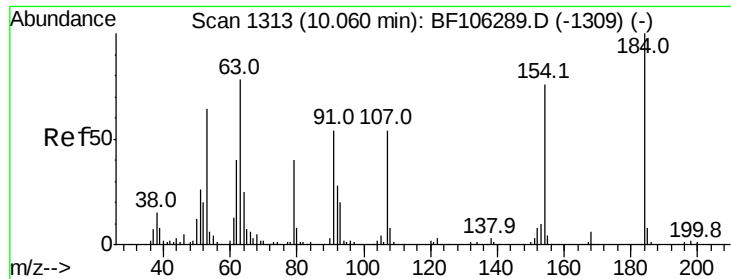


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

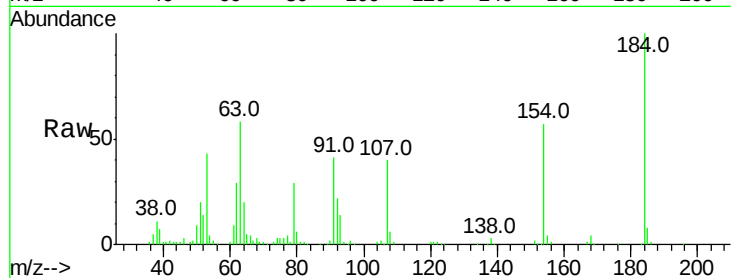




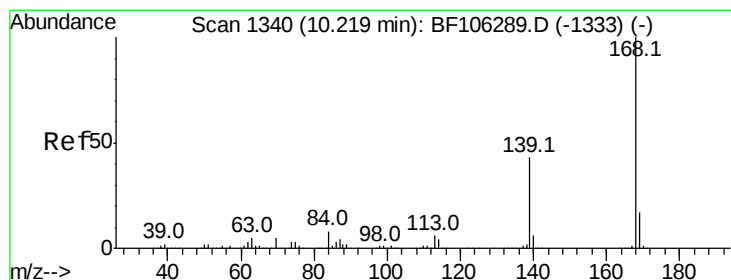
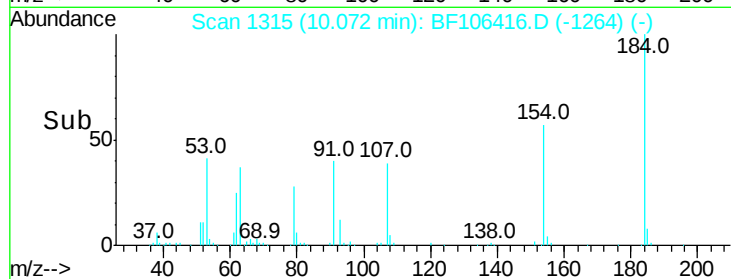
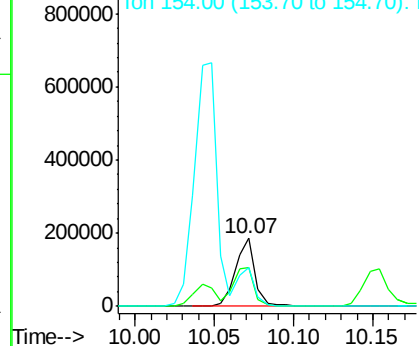
#53
2,4-Dinitrophenol
Concen: 87.792 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 159086
Ion Ratio Lower Upper
184 100
63 57.8 54.2 81.2
154 57.0 184.0 276.0#

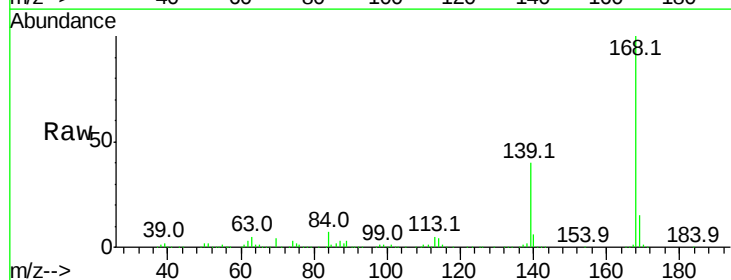


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

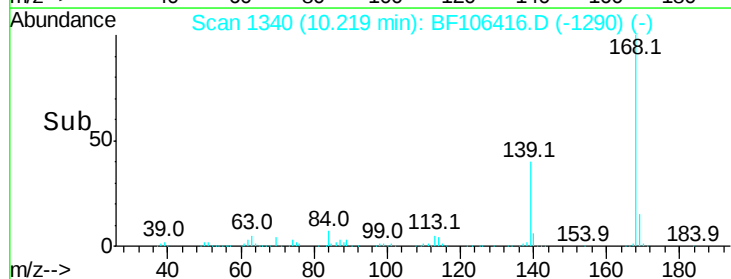
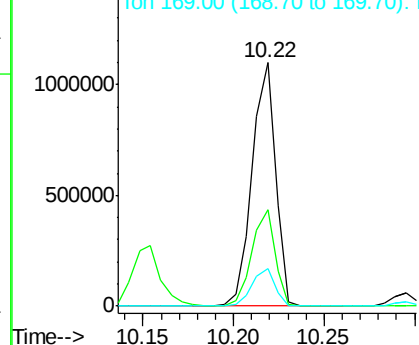


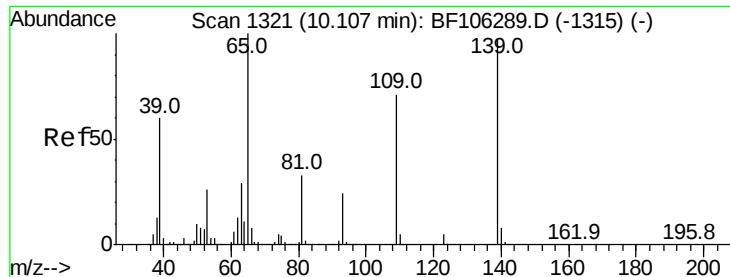
#54
Dibenzofuran
Concen: 44.927 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:168 Resp: 991860
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 15.3 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

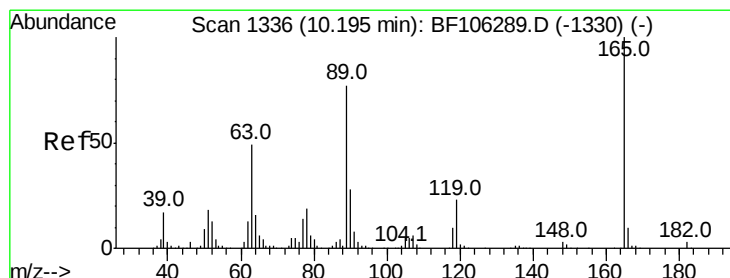
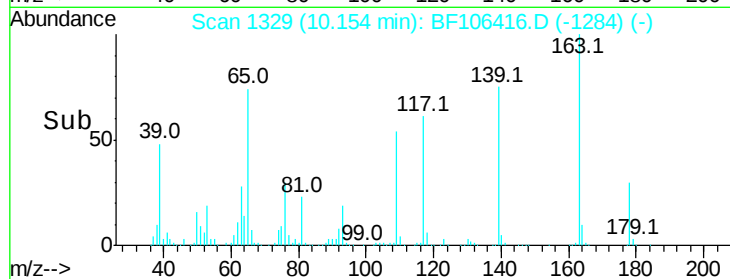
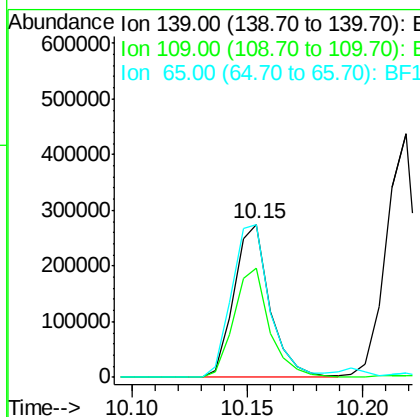
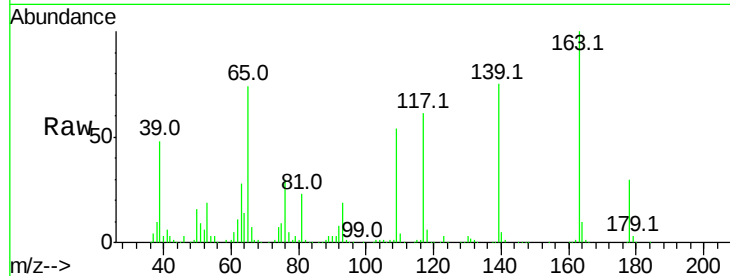




#55
4-Nitrophenol
Concen: 83.812 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

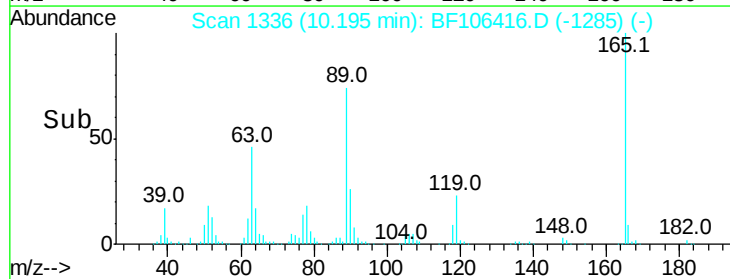
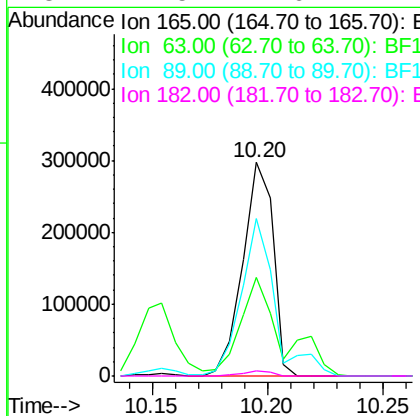
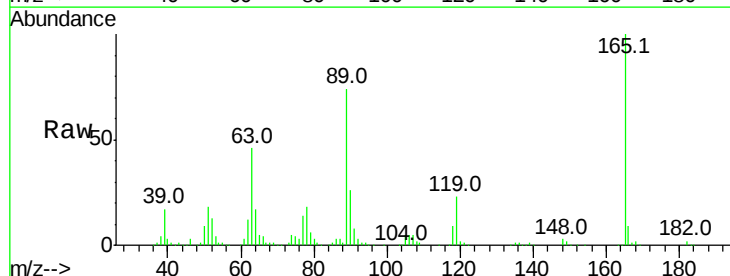
Instrument :
BNA_F
ClientSampled :

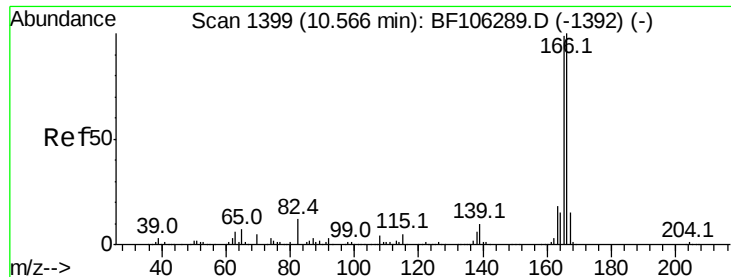
Tot Ion:139 Resp: 297743
Ion Ratio Lower Upper
139 100
109 71.7 48.4 88.4
65 99.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 56.214 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:165 Resp: 275660
Ion Ratio Lower Upper
165 100
63 46.0 36.4 54.6
89 73.8 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 44.434 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

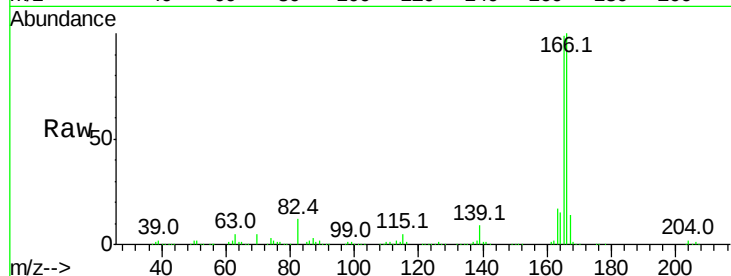
Tot Ion:166 Resp: 777225

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

167 14.0 10.6 16.0

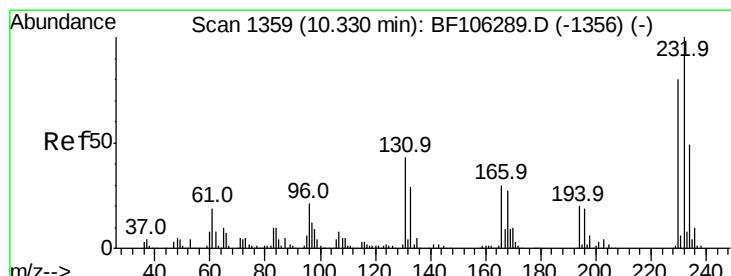
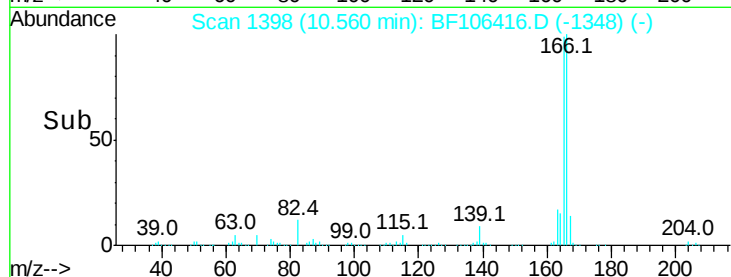
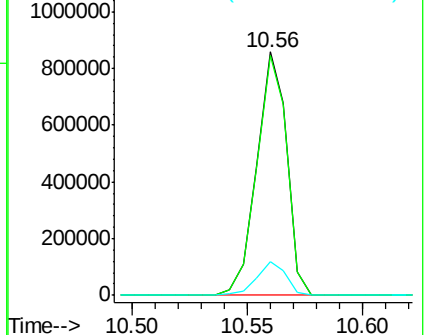


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.957 ng

RT: 10.34 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Tgt Ion:232 Resp: 245749

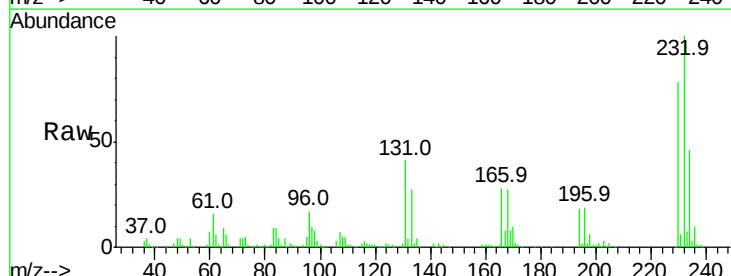
Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

130 2.0 2.1 3.1#

166 27.7 27.8 41.6#



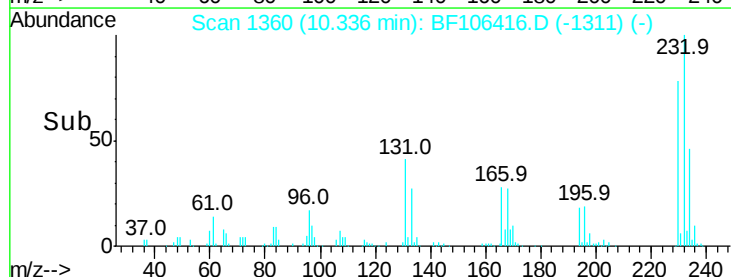
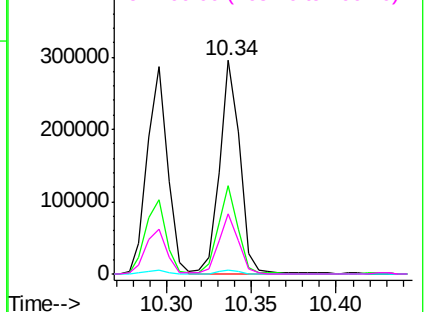
Abundance

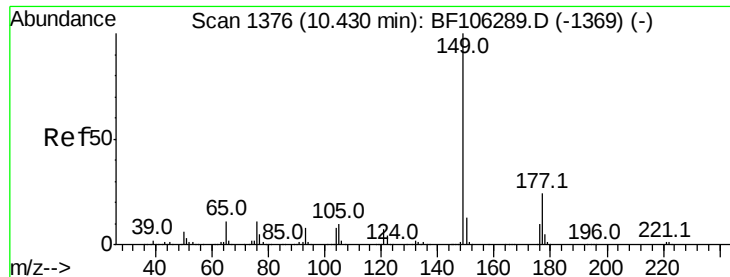
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

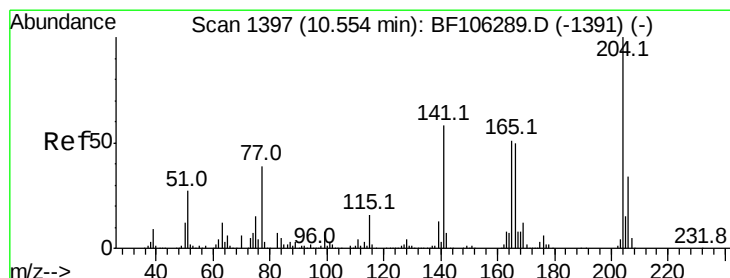
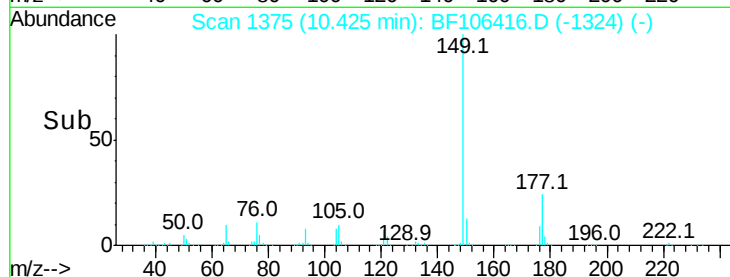
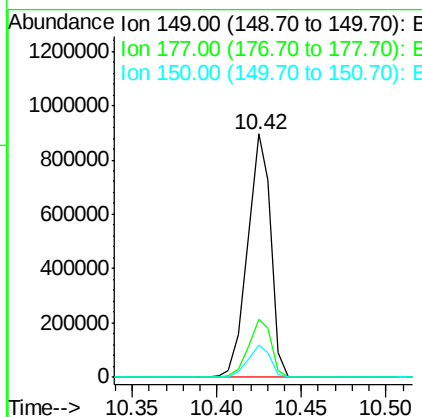
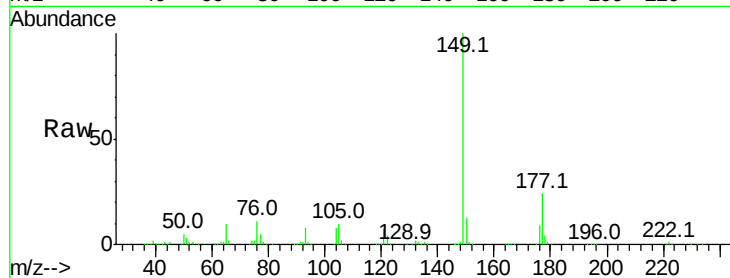




#59
Diethylphthalate
Concen: 45.207 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

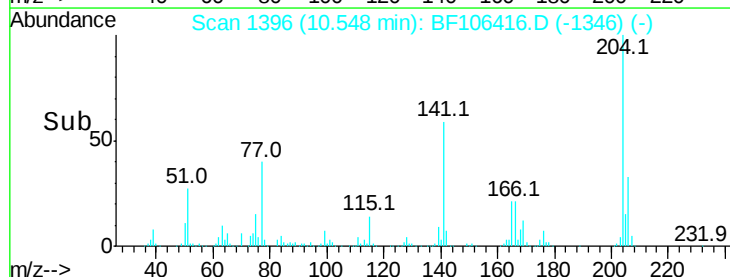
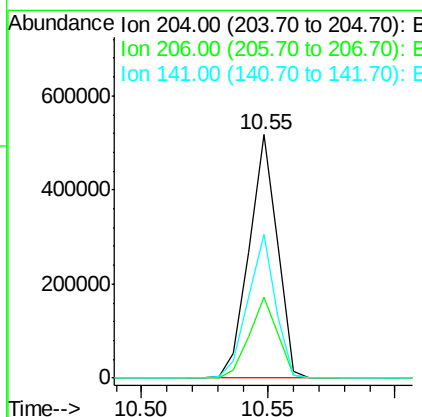
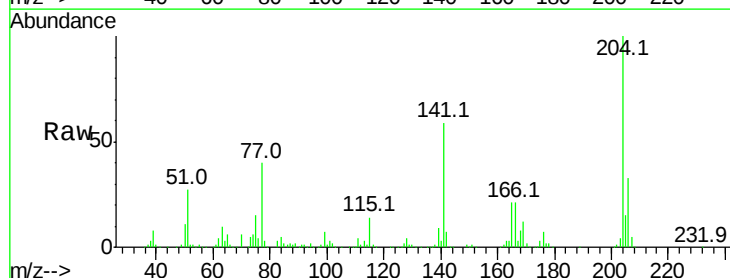
Instrument :
BNA_F
ClientSampleId :

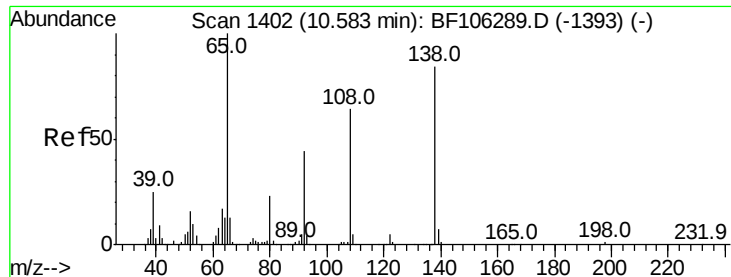
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	13.1	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.642 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	59.1	54.6	81.8

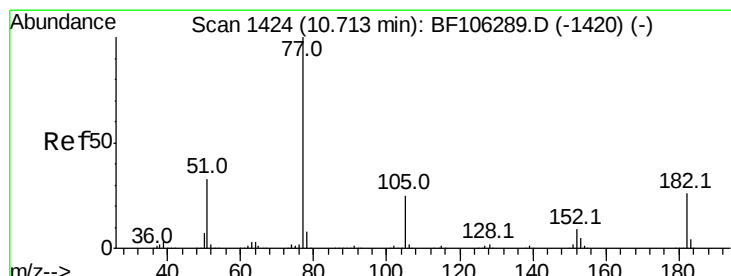
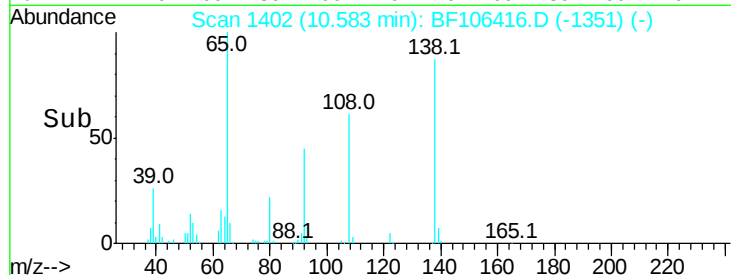
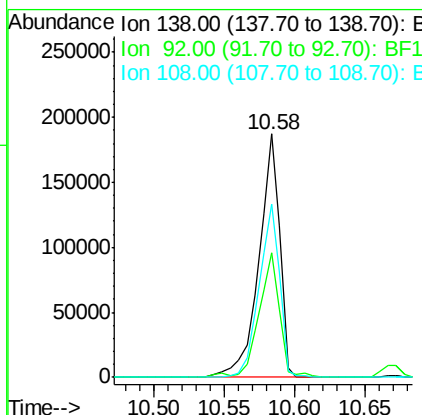
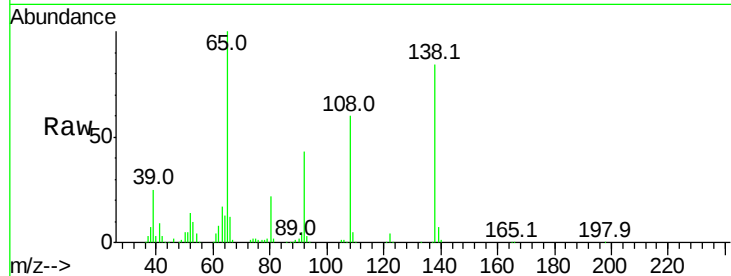




#61
4-Nitroaniline
Concen: 43.463 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

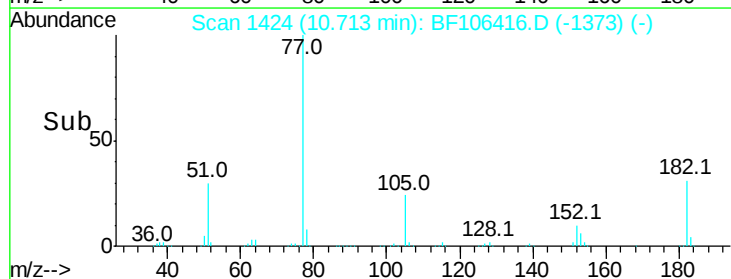
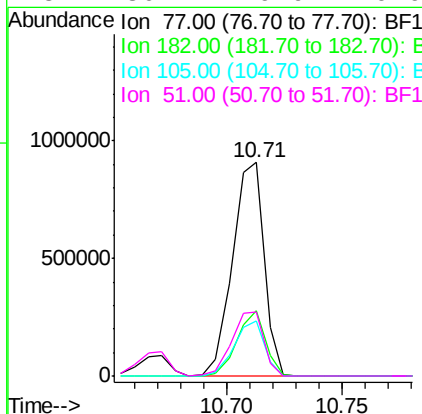
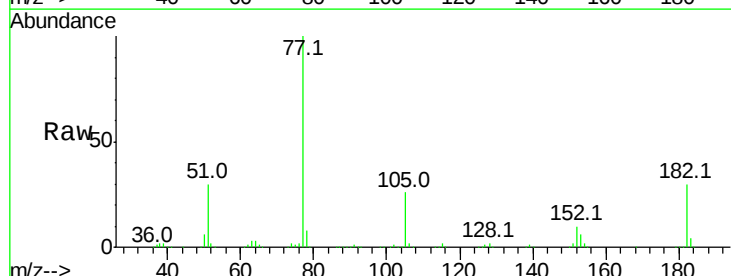
Instrument :
BNA_F
ClientSampleId :

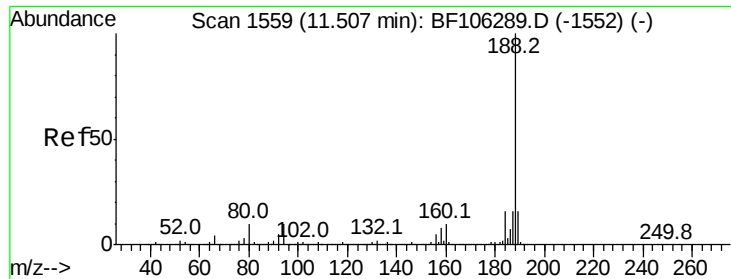
Tot Ion:138 Resp: 195991
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 71.2 52.5 92.5



#62
Azobenzene
Concen: 43.879 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion: 77 Resp: 868169
Ion Ratio Lower Upper
77 100
182 30.5 1.7 41.7
105 25.9 3.0 43.0
51 30.2 9.9 49.9

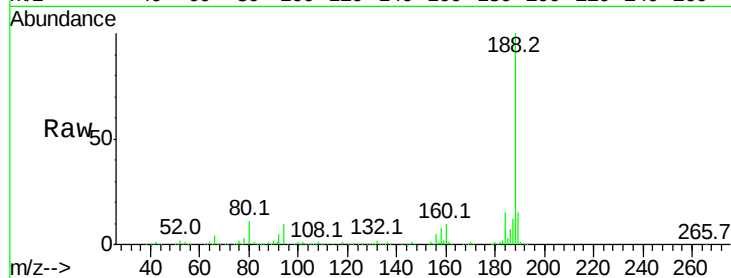




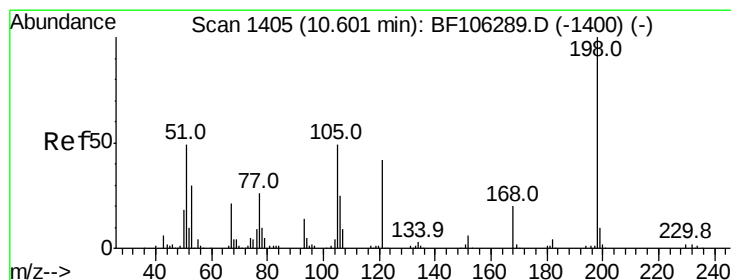
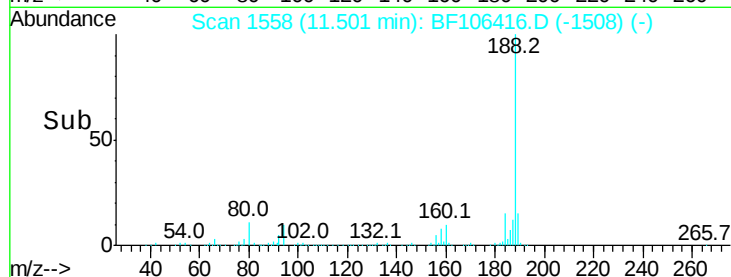
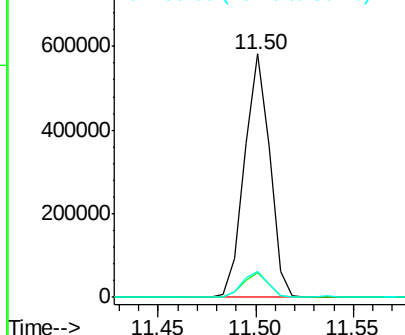
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 523976
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8

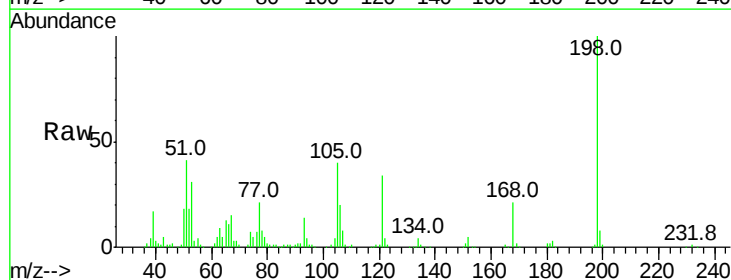


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

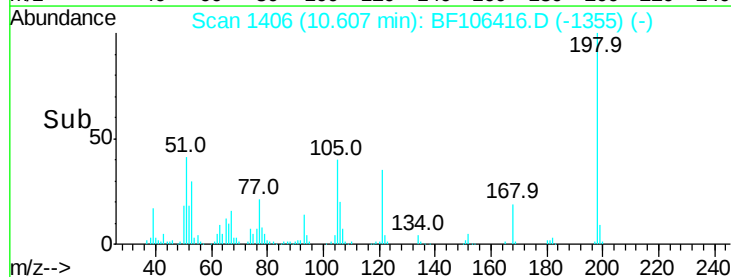
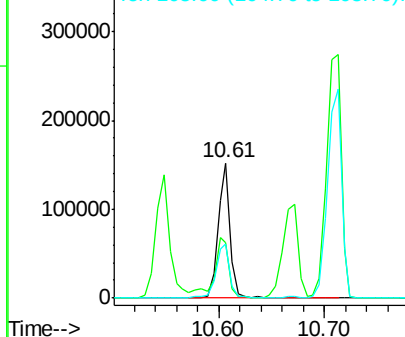


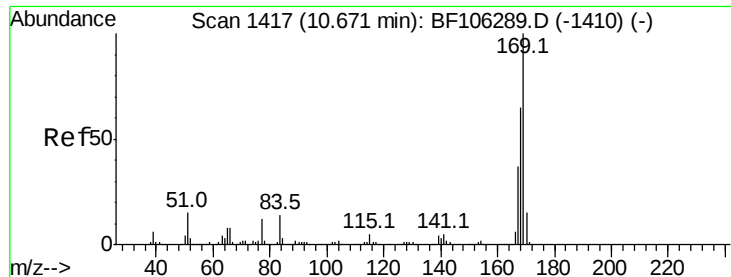
#64
4,6-Dinitro-2-methylphenol
Concen: 44.222 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:198 Resp: 123385
Ion Ratio Lower Upper
198 100
51 40.8 37.7 77.7
105 40.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

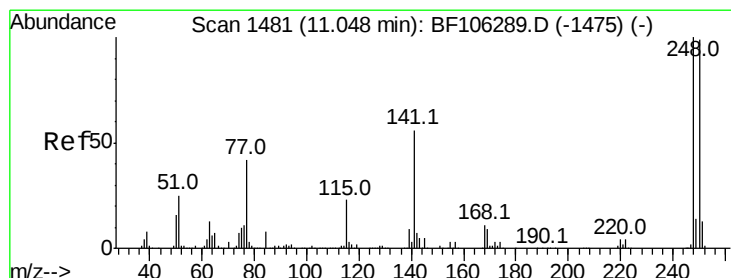
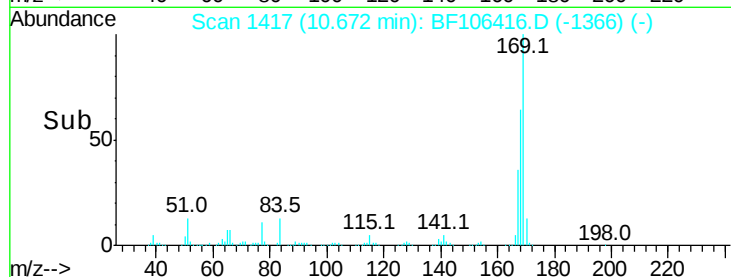
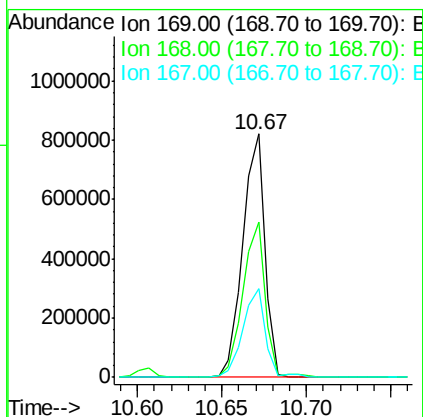
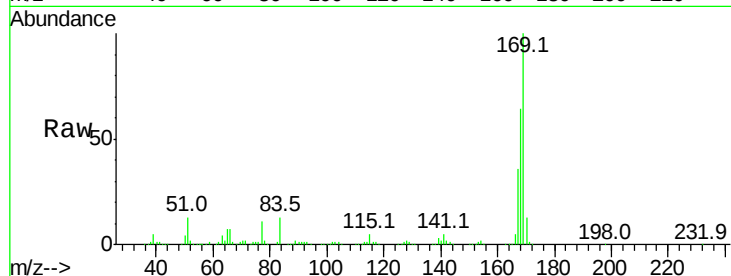




#65
 n-Nitrosodiphenylamine
 Concen: 42.832 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

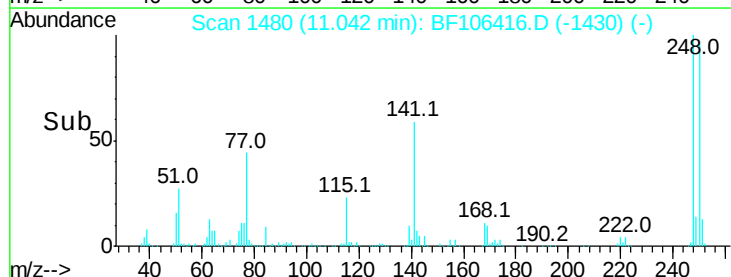
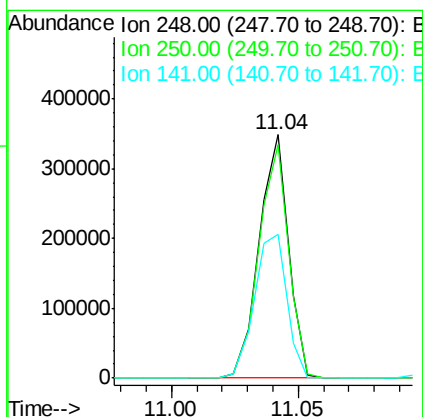
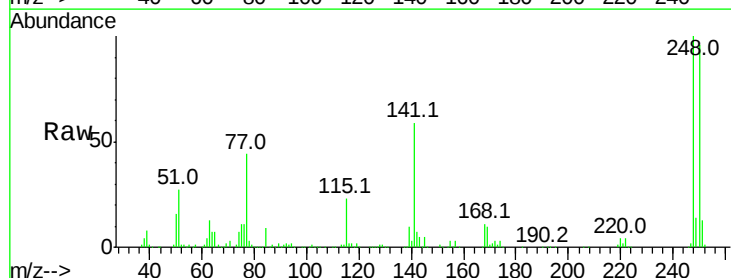
Instrument :
 BNA_F
 ClientSampleID :

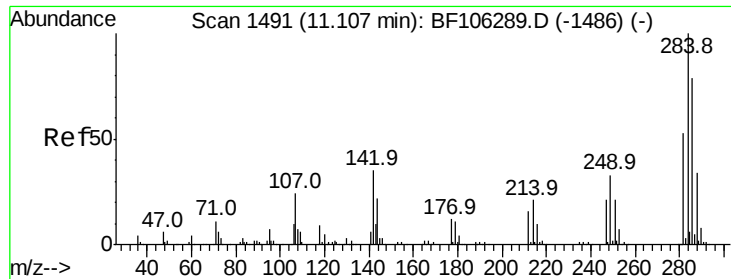
Tot Ion:169 Resp: 754273
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 36.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.541 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion:248 Resp: 283327
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.9 115.3
 141 59.2 74.4 111.6#

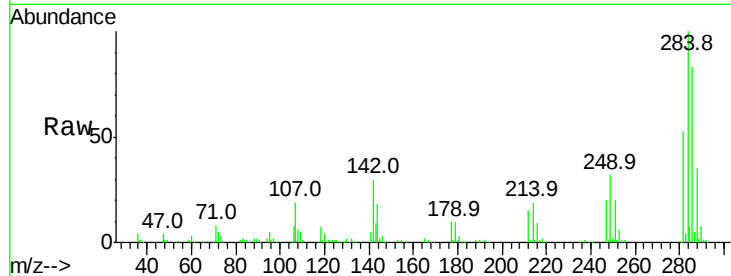




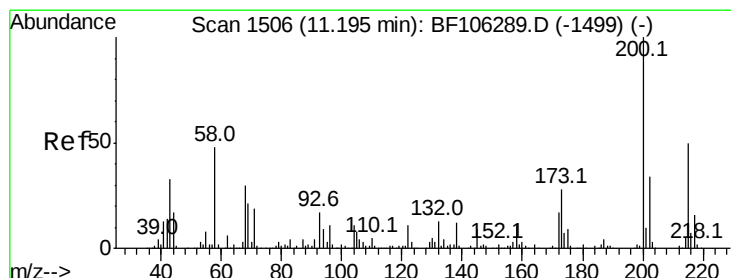
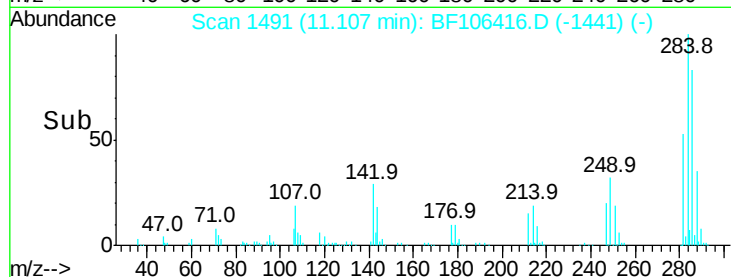
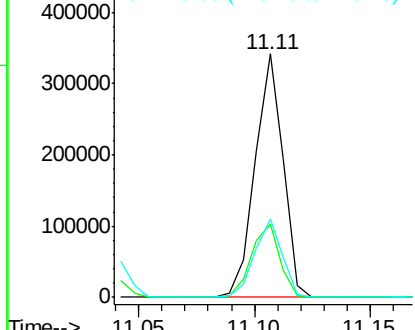
#67
Hexachlorobenzene
Concen: 46.995 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 288740
Ion Ratio Lower Upper
284 100
142 30.0 34.6 52.0#
249 32.0 24.8 37.2

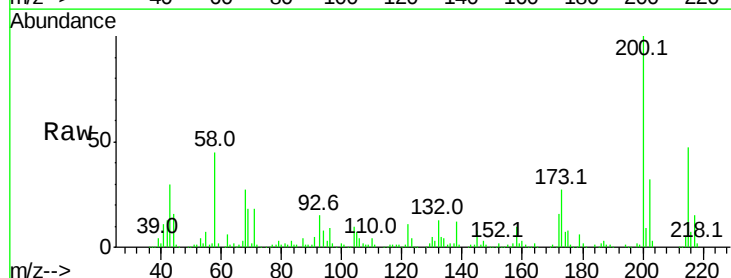


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

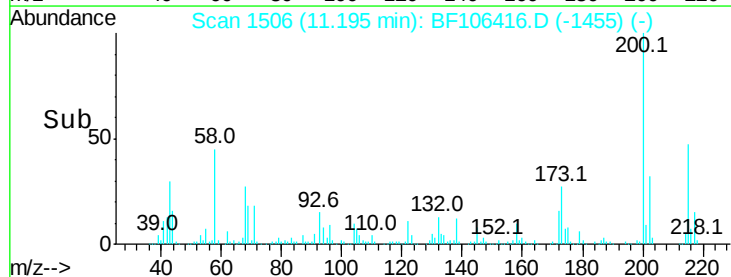
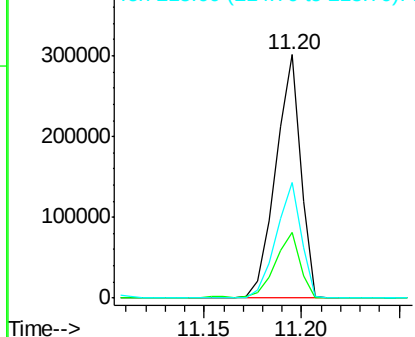


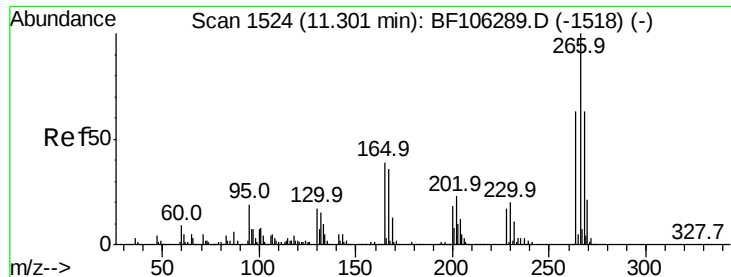
#68
Atrazine
Concen: 49.310 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:200 Resp: 267603
Ion Ratio Lower Upper
200 100
173 27.0 8.6 48.6
215 47.3 25.1 65.1



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

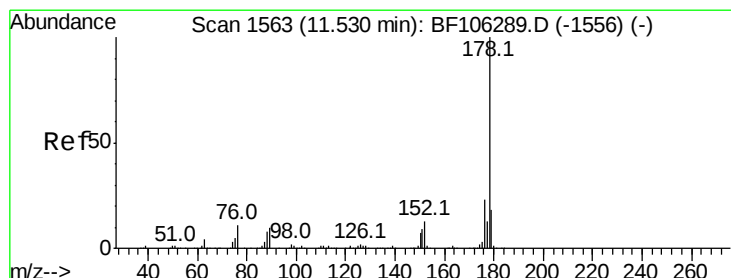
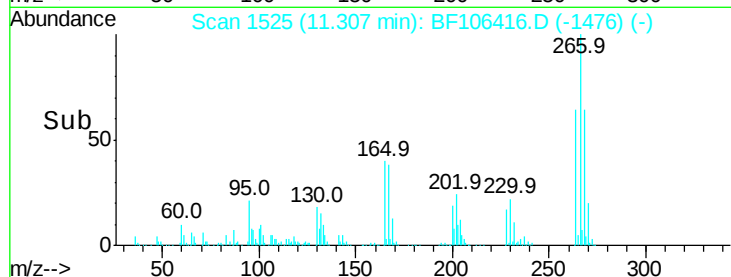
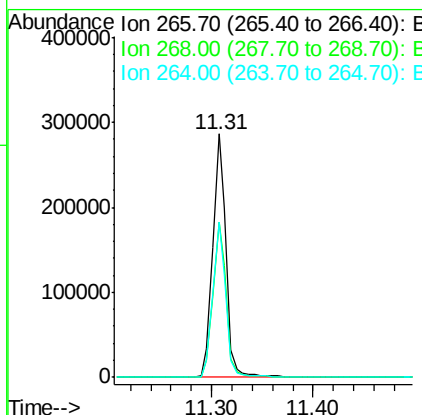
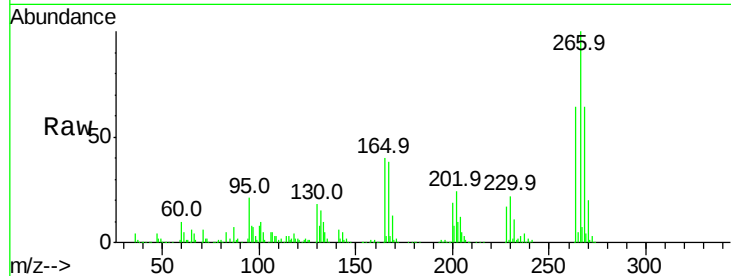




#69
 Pentachlorophenol
 Concen: 69.299 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

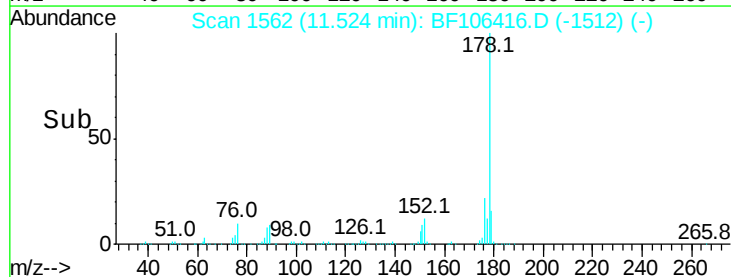
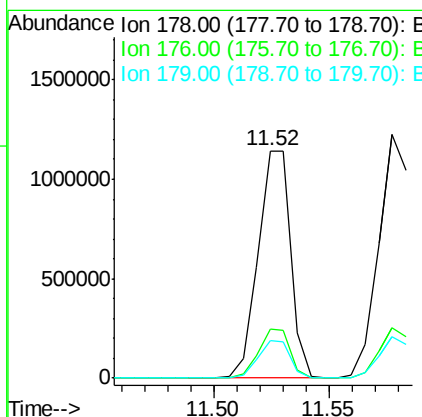
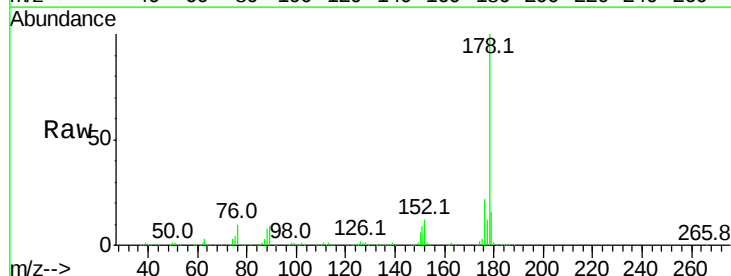
Instrument :
 BNA_F
 ClientSampleId :

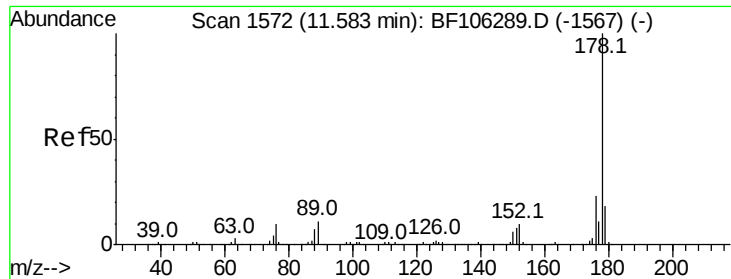
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.6	49.5	74.3



#70
 Phenanthrene
 Concen: 43.883 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.8	23.8
179	16.5	13.0	19.6

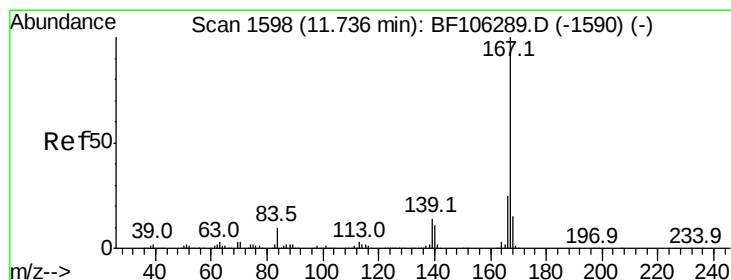
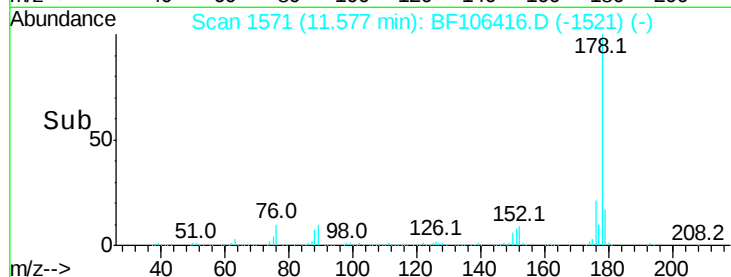
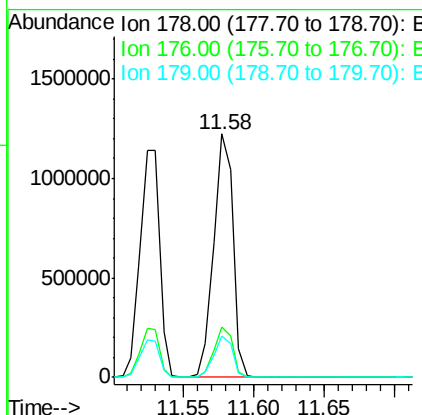
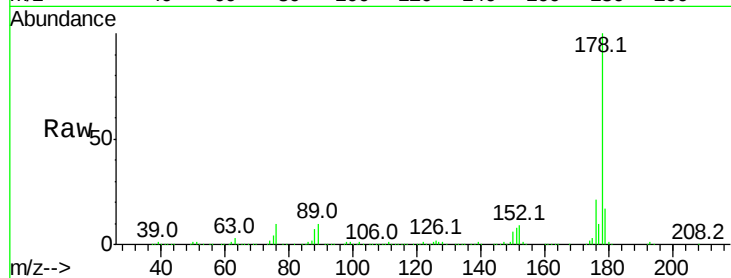




#71
 Anthracene
 Concen: 45.096 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

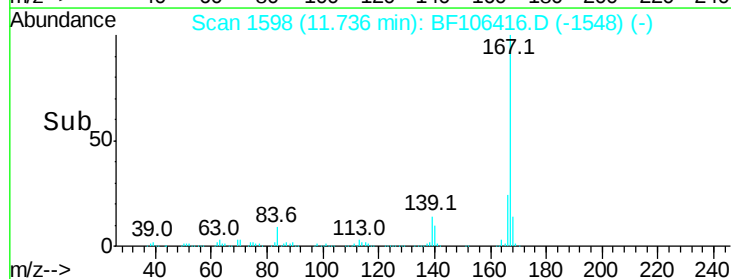
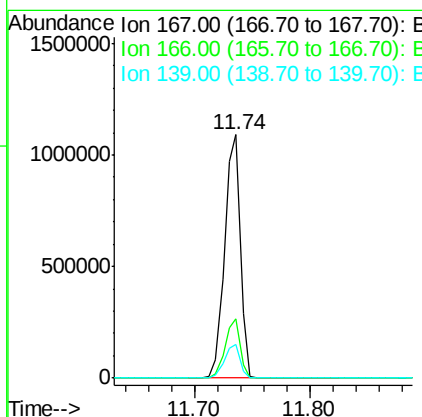
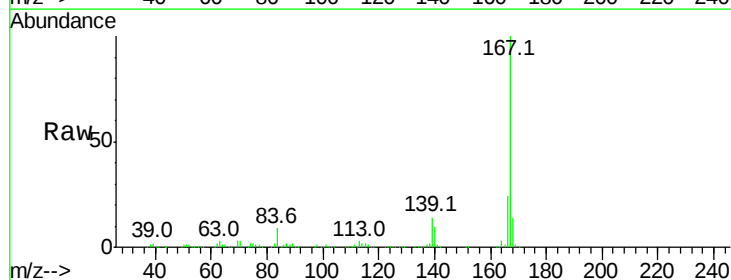
Instrument :
 BNA_F
 ClientSampleId :

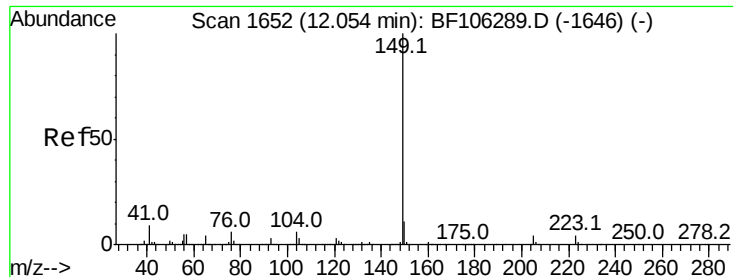
Tot Ion:178 Resp: 1159318
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.9 12.6 19.0



#72
 Carbazole
 Concen: 43.267 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion:167 Resp: 1026890
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.6 26.4
 139 13.8 10.9 16.3

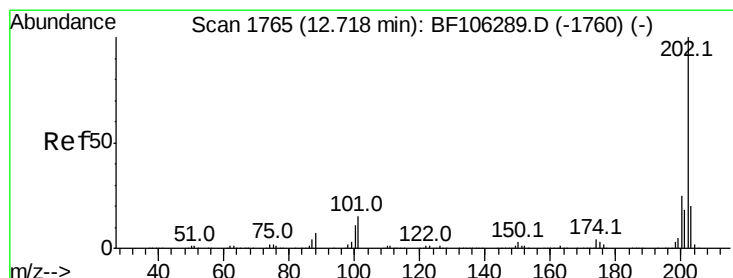
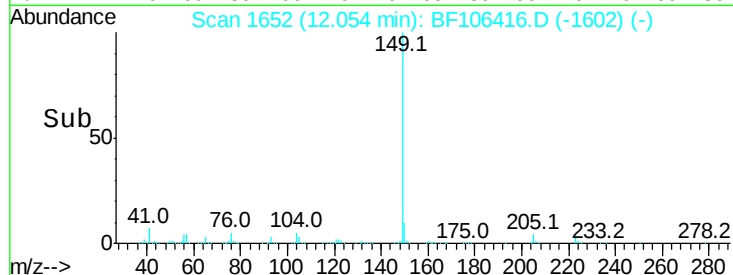
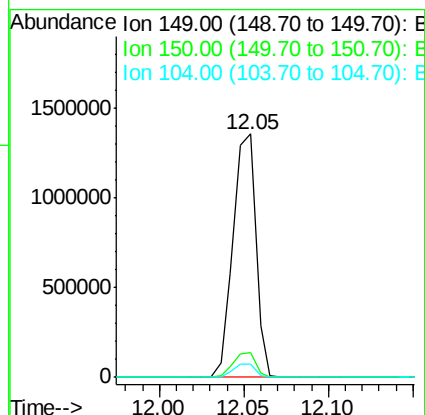
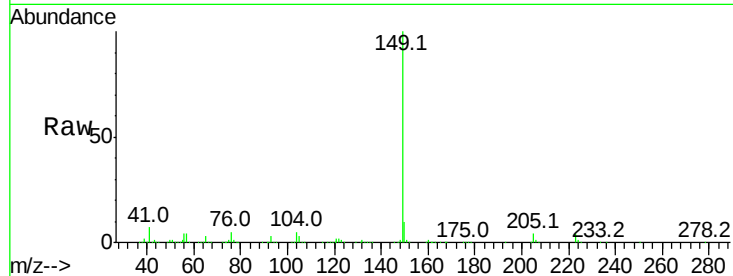




#73
Di-n-butylphthalate
Concen: 48.342 ng
RT: 12.05 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

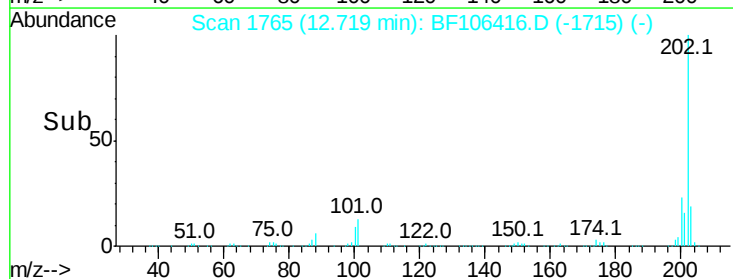
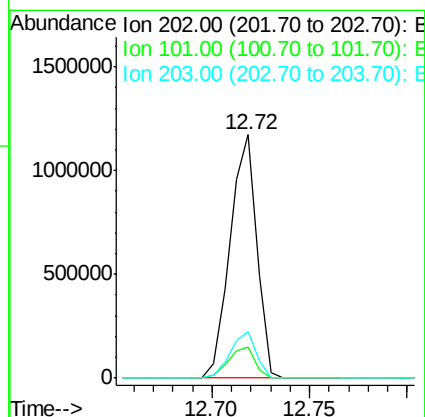
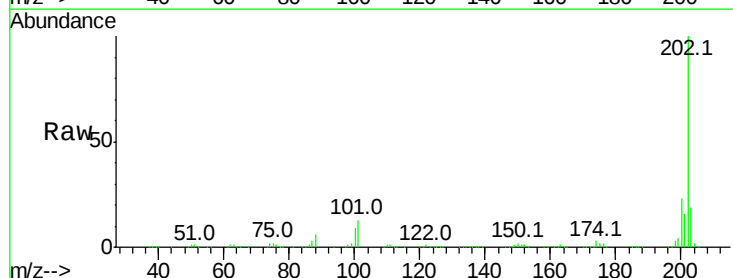
Instrument :
BNA_F
ClientSampleId :

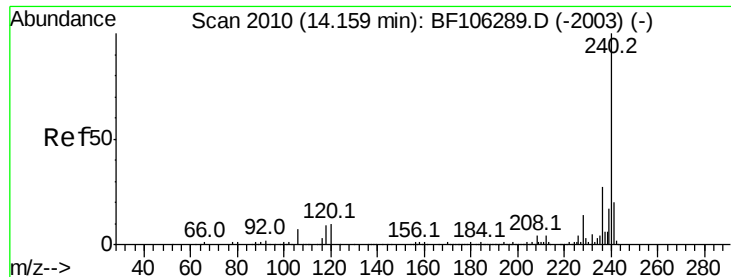
Tot Ion:149 Resp: 1276943
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 40.596 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:202 Resp: 1110970
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 18.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

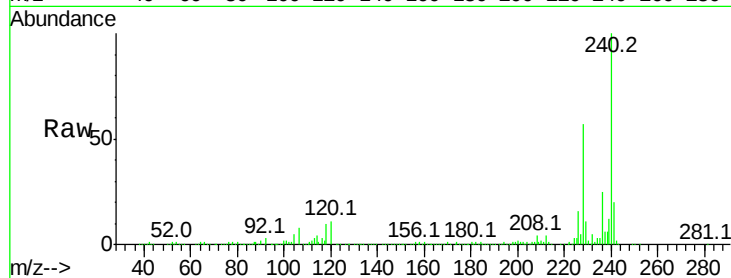
Tot Ion:240 Resp: 378774

Ion Ratio Lower Upper

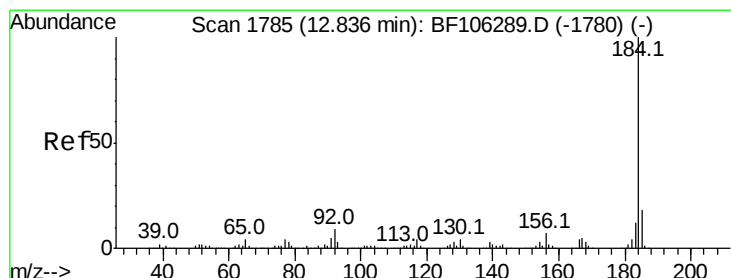
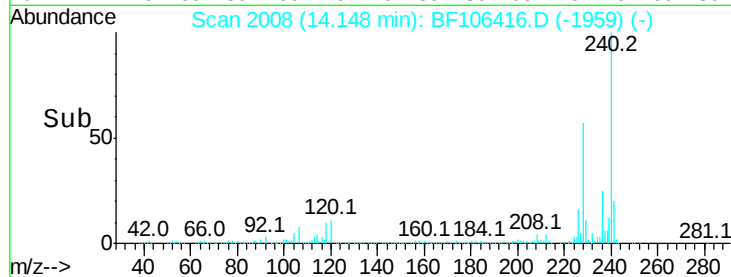
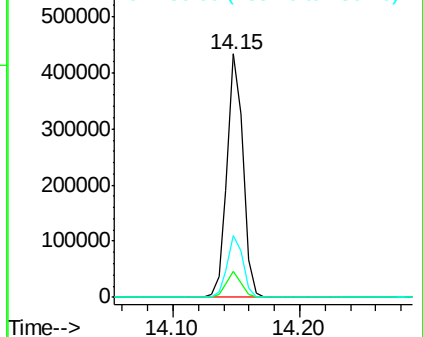
240 100

120 10.7 9.5 14.3

236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.305 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

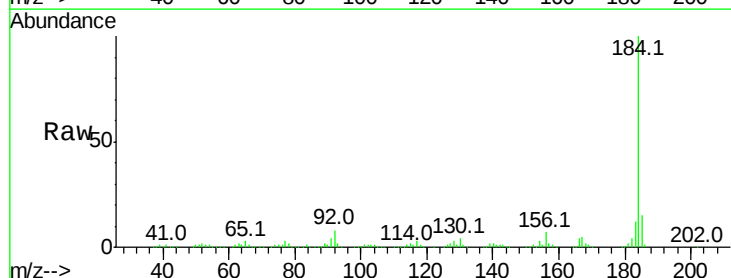
Tgt Ion:184 Resp: 571125

Ion Ratio Lower Upper

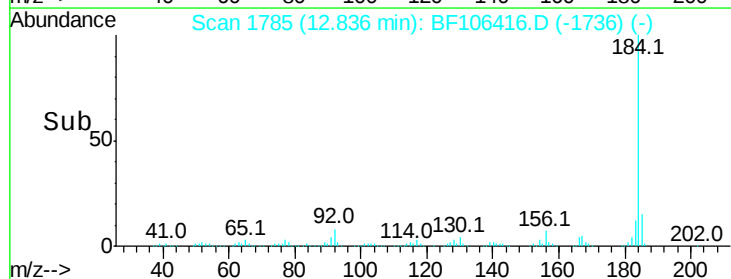
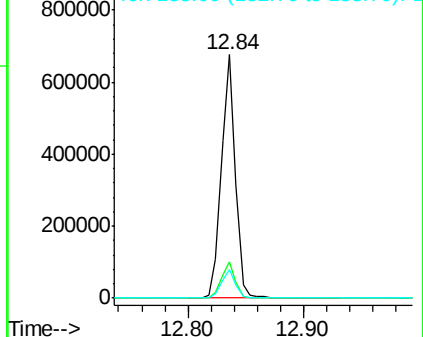
184 100

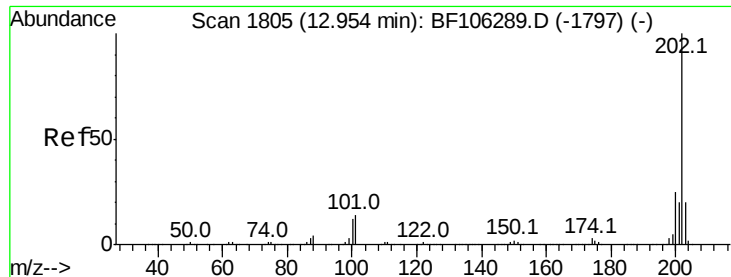
185 15.2 12.6 18.8

183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

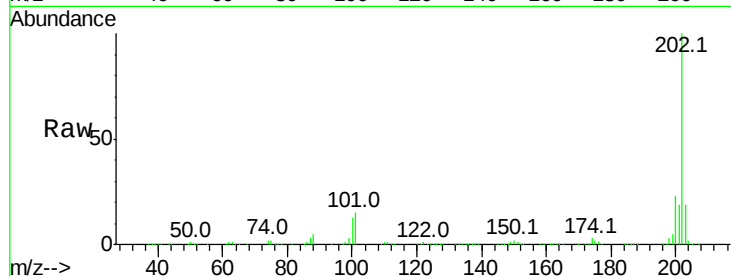




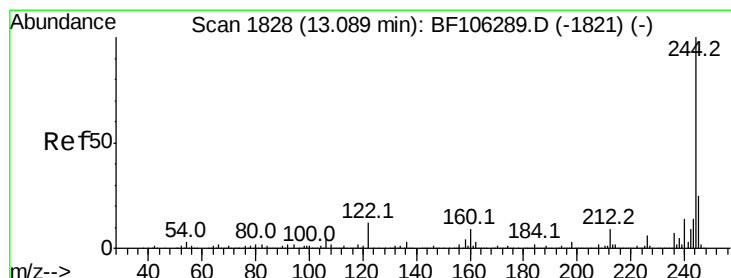
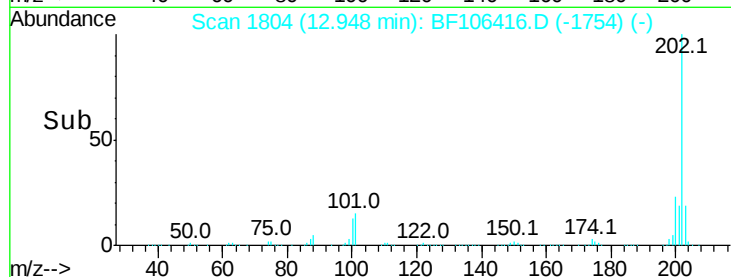
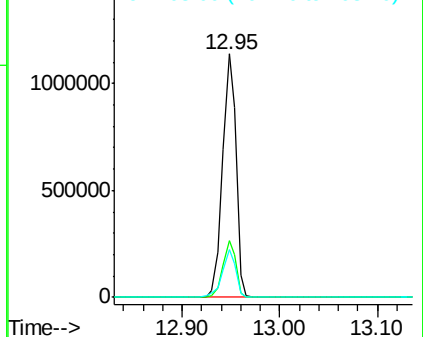
#77
Pvrene
Concen: 46.044 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1091878
Ion Ratio Lower Upper
202 100
200 23.4 17.4 26.2
203 19.4 14.3 21.5

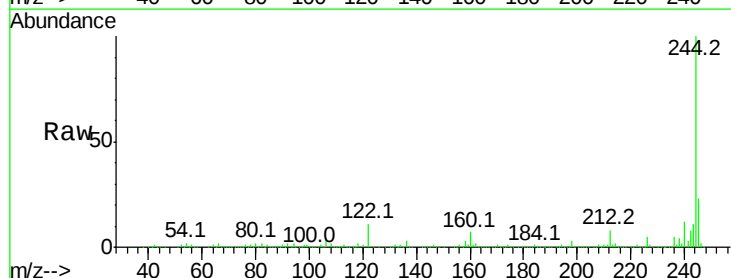


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

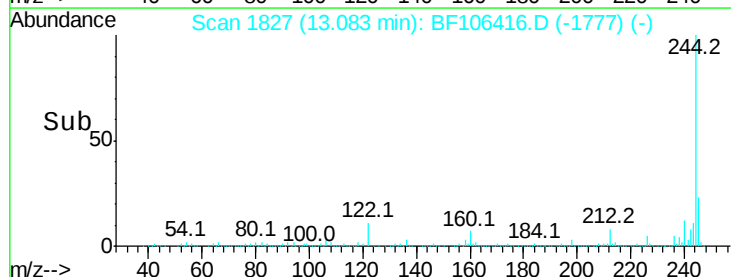
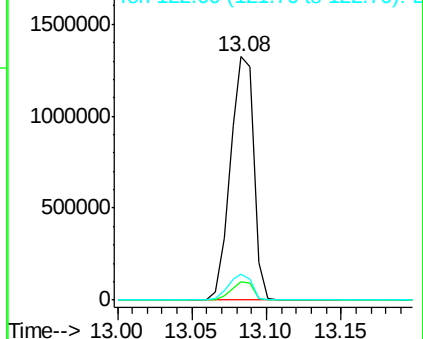


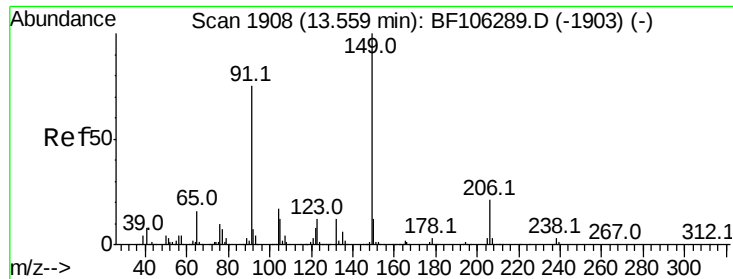
#78
Terphenyl-d14
Concen: 96.034 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:244 Resp: 1464503
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.0
122 10.9 11.0 16.4#



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

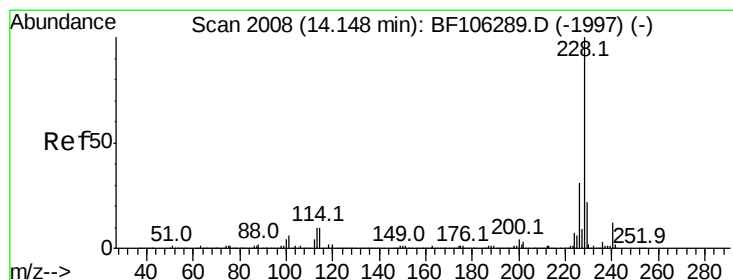
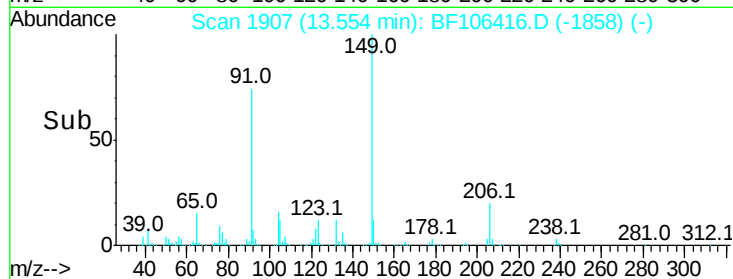
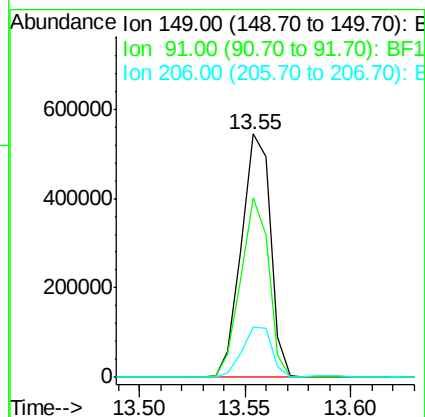
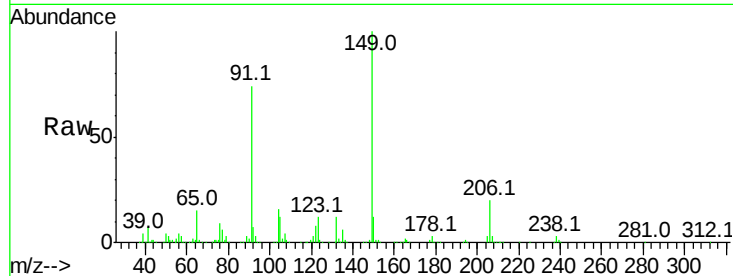




#79
Butylbenzylphthalate
Concen: 58.529 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

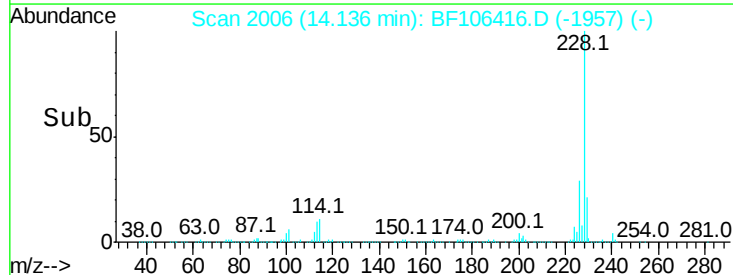
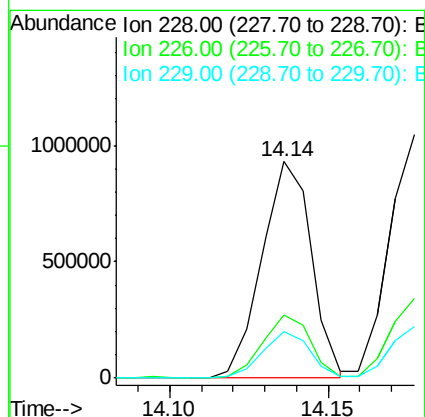
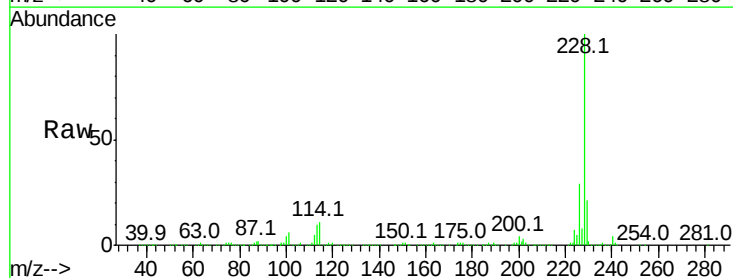
Instrument :
BNA_F
ClientSampleId :

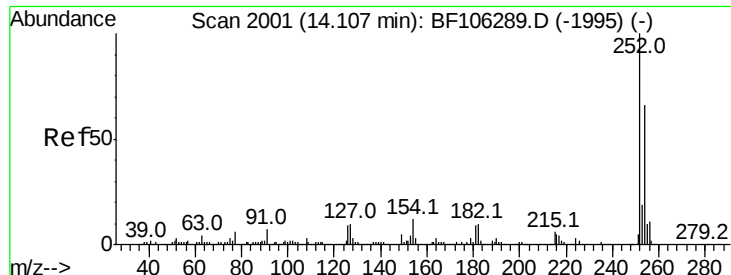
Tot Ion:149 Resp: 519536
Ion Ratio Lower Upper
149 100
91 73.7 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.762 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:228 Resp: 1008959
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 21.4 15.8 23.6

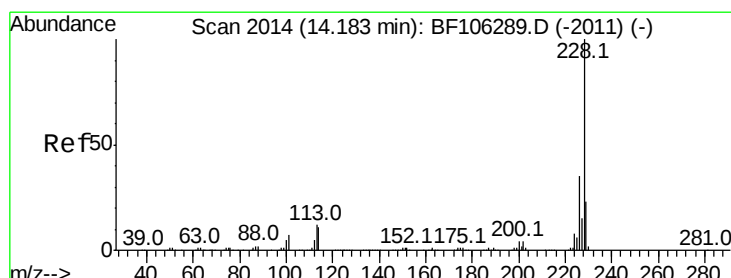
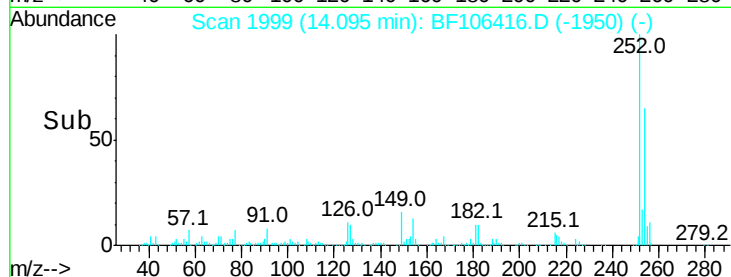
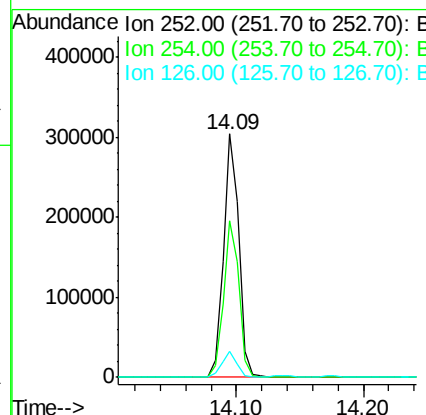
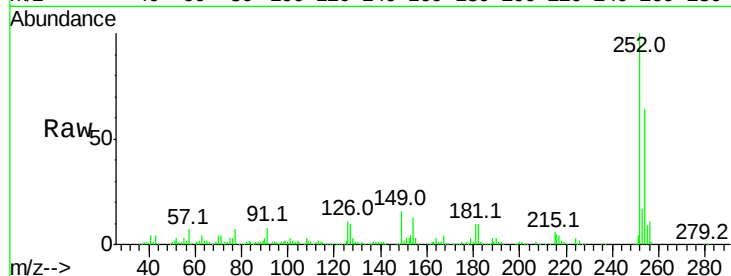




#81
 3,3'-Dichlorobenzidine
 Concen: 34.040 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

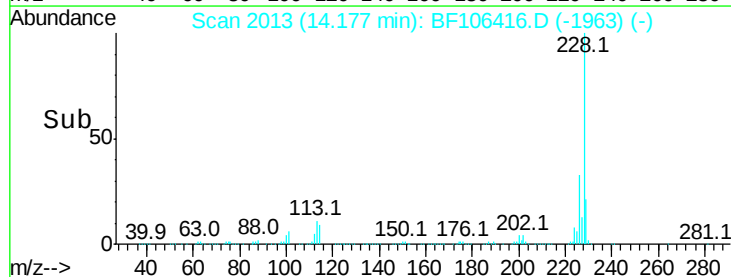
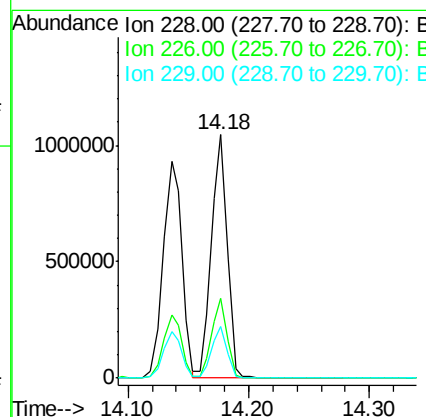
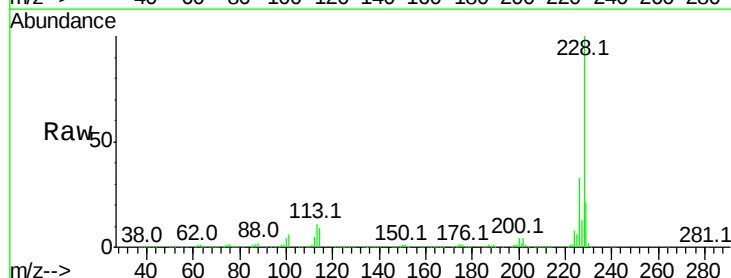
Instrument :
 BNA_F
 ClientSampleId :

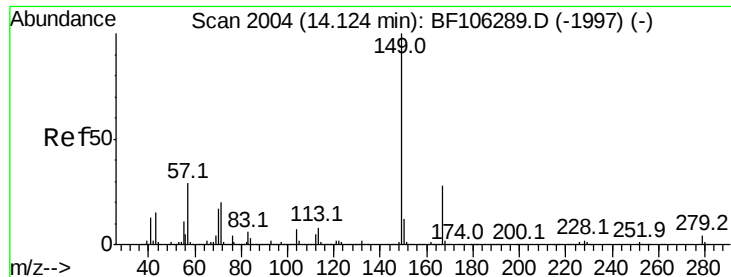
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.8	11.3	16.9#



#82
 Chrysene
 Concen: 46.184 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	21.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.605 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

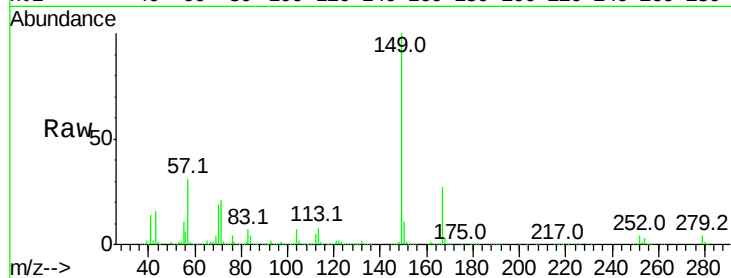
Tot Ion:149 Resp: 694979

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

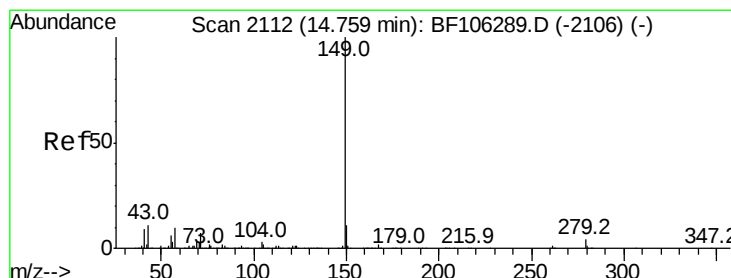
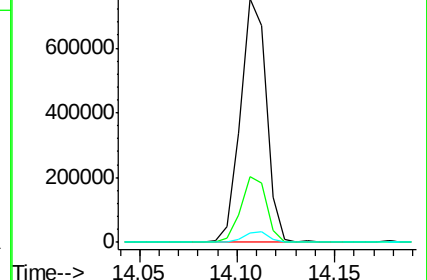
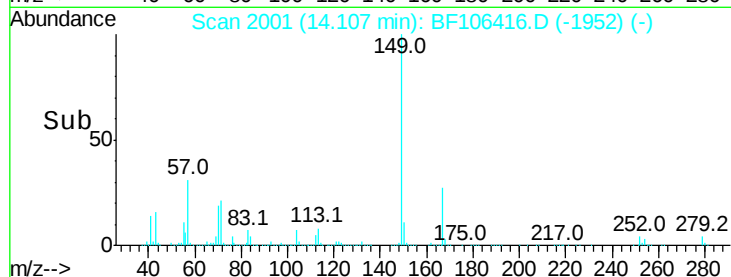
279 3.7 3.0 4.4



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: 58.097 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

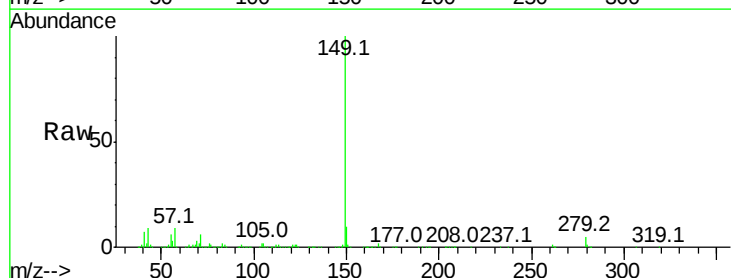
Tgt Ion:149 Resp: 1065995

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

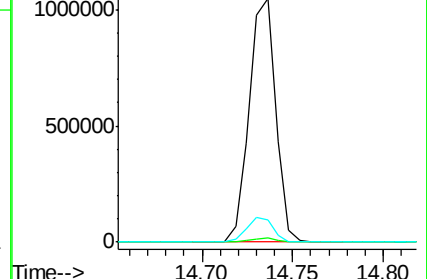
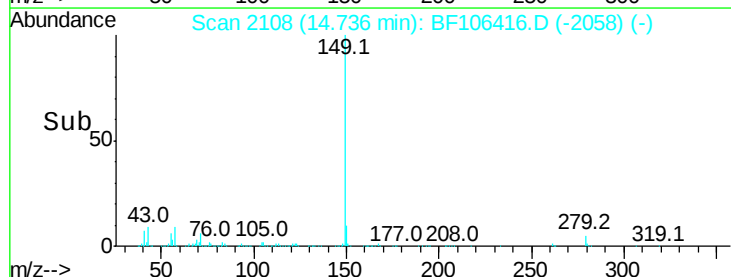
43 10.1 8.4 12.6

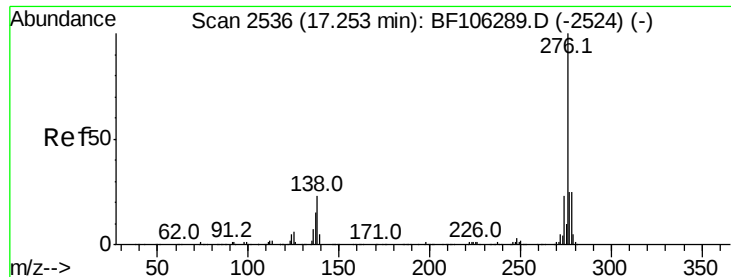


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.052 ng

RT: 17.24 min Scan# 2534

Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

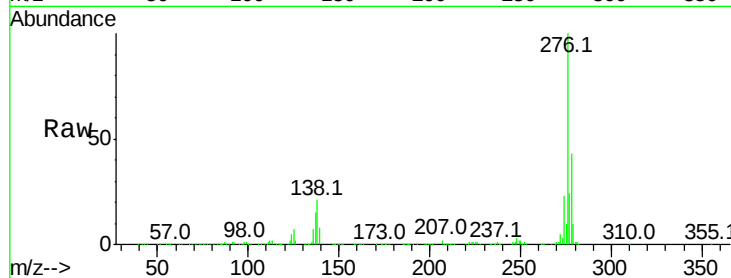
Tot Ion:276 Resp: 838495

Ion Ratio Lower Upper

276 100

138 24.6 25.0 37.6#

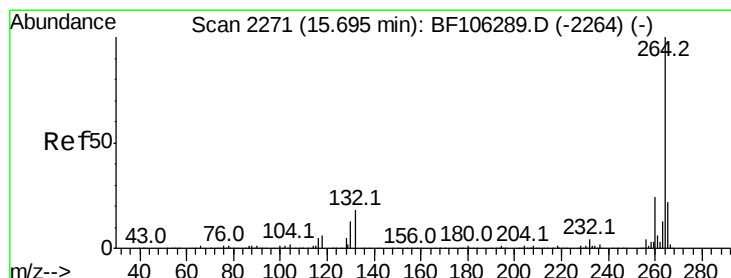
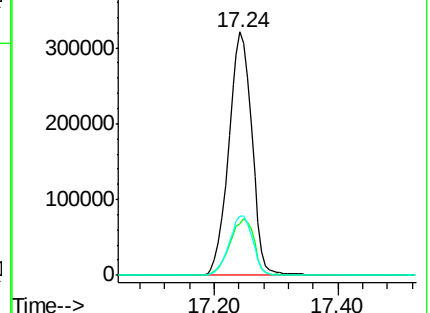
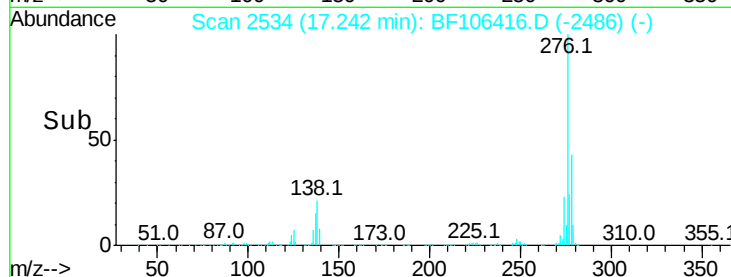
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

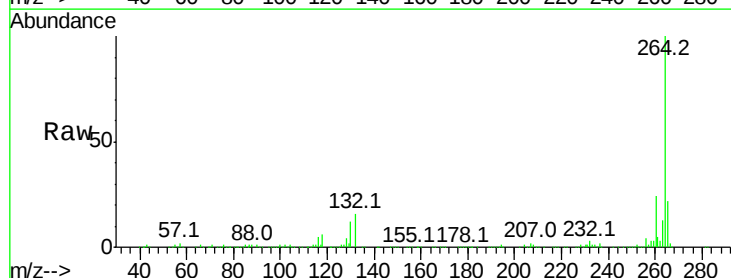
Tgt Ion:264 Resp: 369273

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

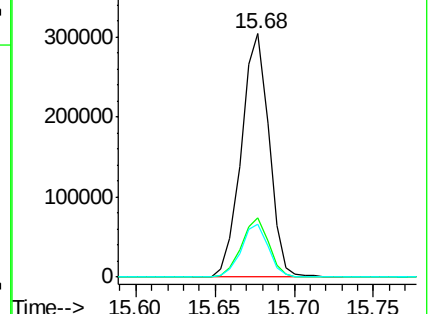
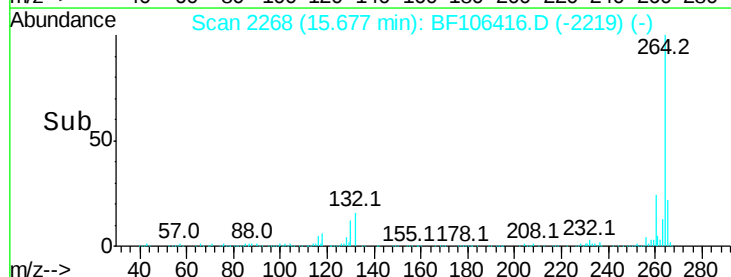
265 22.0 17.5 26.3

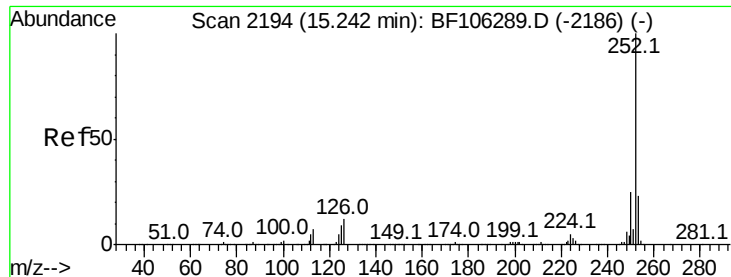


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

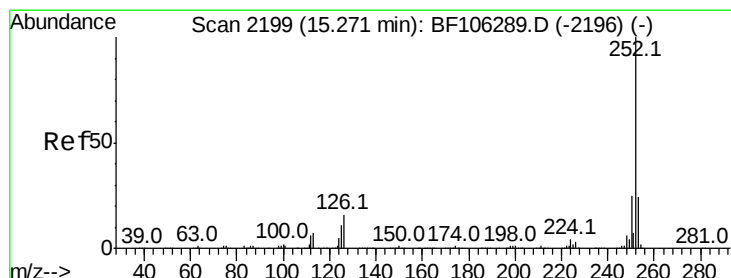
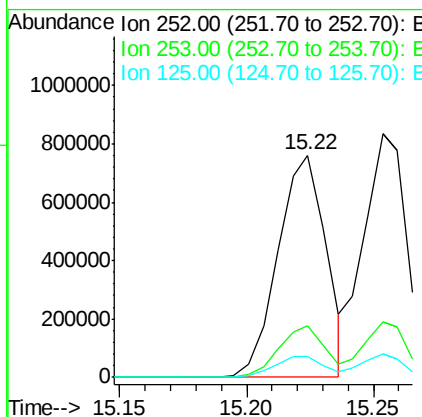
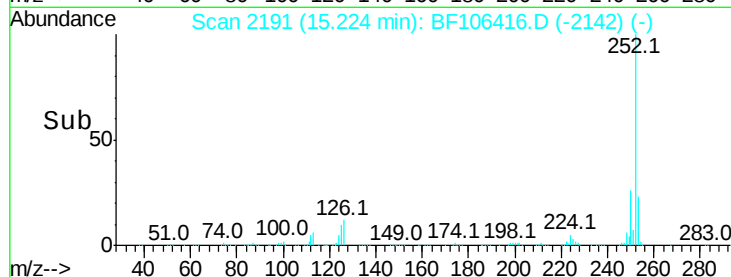
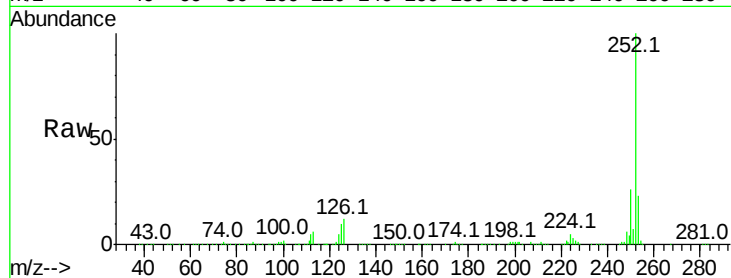




#87
Benzo(b)fluoranthene
Concen: 44.958 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

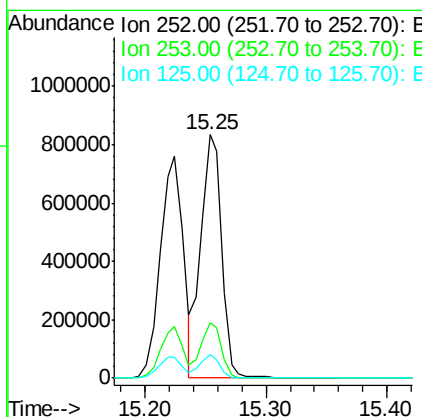
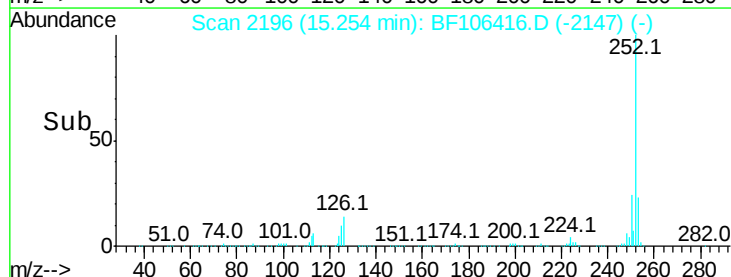
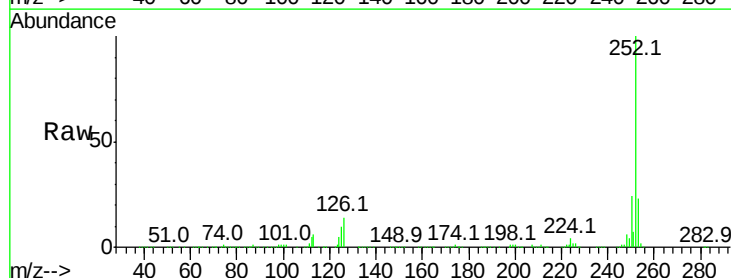
Instrument :
BNA_F
ClientSampleId :

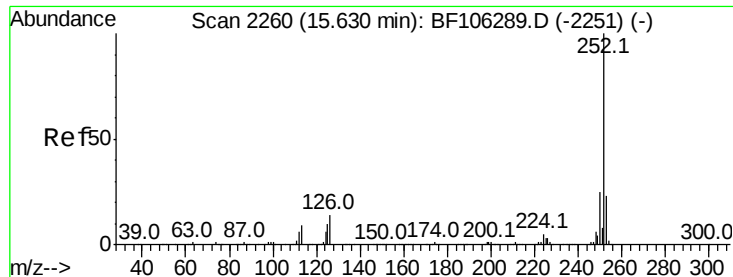
Tot Ion:252 Resp: 1003549
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.977 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106416.D
Acq: 14 Jun 2018 3:02

Tgt Ion:252 Resp: 994312
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 48.347 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

Instrument :

BNA_F

ClientSampleId :

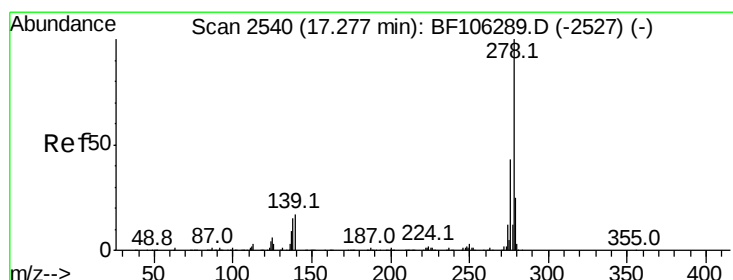
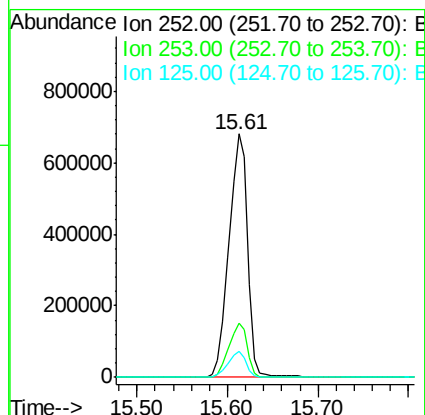
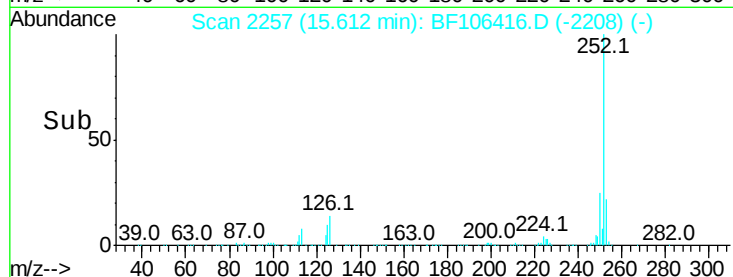
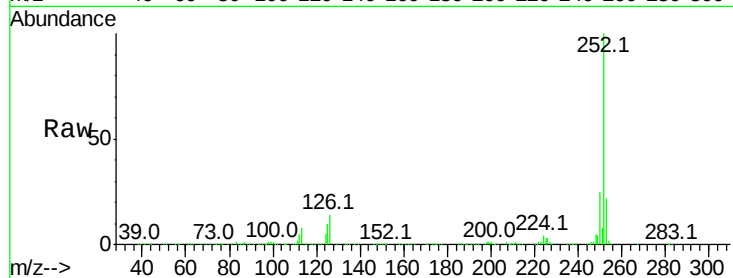
Tot Ion:252 Resp: 970700

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.5 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 42.769 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF106416.D

Acq: 14 Jun 2018 3:02

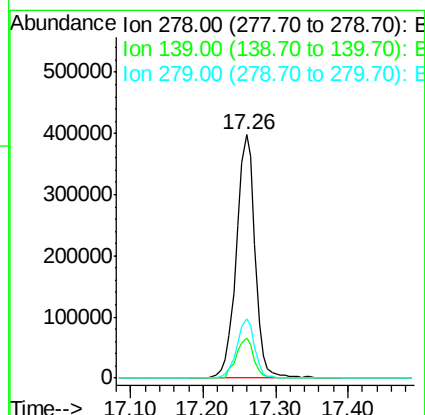
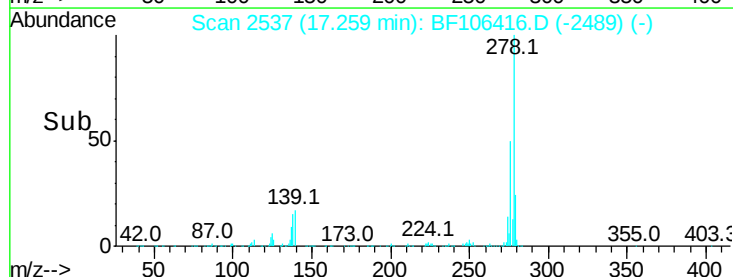
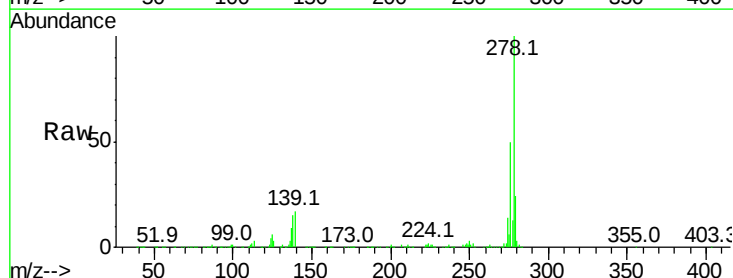
Tgt Ion:278 Resp: 715900

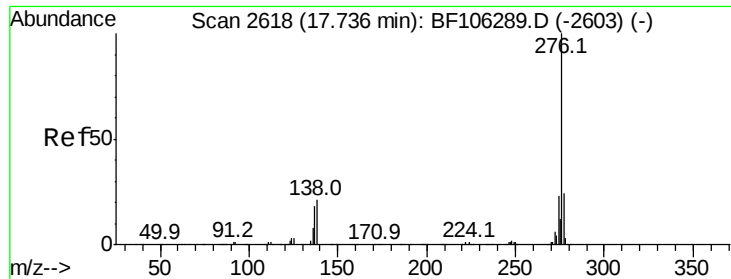
Ion Ratio Lower Upper

278 100

139 16.7 15.9 23.9

279 24.5 19.0 28.4

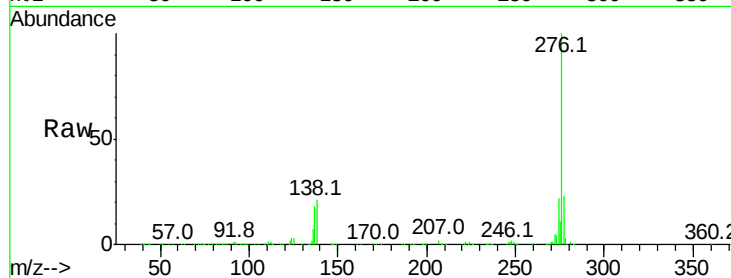




#91
 Benzo(a,h,i)perylene
 Concen: 39.917 ng
 RT: 17.72 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BF106416.D
 Acq: 14 Jun 2018 3:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	21.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

