

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106390.D
 Acq On : 13 Jun 2018 14:50
 Operator : JU/SJ
 Sample : PB110210BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:19:22 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	127615	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	494536	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	246335	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	511722	20.00	ng	0.00
75) Chrysene-d12	14.15	240	454856	20.00	ng	-0.01
86) Perylene-d12	15.68	264	364075	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	831612	110.29	ng	-0.01
7) Phenol-d6	6.61	99	985710	103.47	ng	-0.01
23) Nitrobenzene-d5	7.53	82	667706	79.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	327488	138.17	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1167897	83.83	ng	0.00
78) Terphenyl-d14	13.08	244	1509565	82.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	119196	30.546	ng	95
3) Pyridine	3.63	79	360144	33.118	ng	99
4) n-Nitrosodimethylamine	3.59	42	159493	32.016	ng	98
6) Aniline	6.63	93	321466	23.110	ng	# 65
8) 2-Chlorophenol	6.77	128	300565	37.068	ng	99
9) Benzaldehyde	6.52	77	199662	27.632	ng	98
10) Phenol	6.62	94	388566	37.364	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	306537	34.432	ng	100
12) 1,3-Dichlorobenzene	6.91	146	340197	35.648	ng	99
13) 1,4-Dichlorobenzene	6.98	146	342910	35.409	ng	99
14) 1,2-Dichlorobenzene	7.14	146	319557	35.052	ng	98
15) Benzyl Alcohol	7.11	79	279765	34.293	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	456209	35.748	ng	# 13
17) 2-Methylphenol	7.23	107	251203	34.724	ng	# 89
18) Hexachloroethane	7.48	117	122297	35.441	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	224043	31.349	ng	98
20) 3+4-Methylphenols	7.38	107	343855	37.168	ng	93
22) Acetophenone	7.37	105	430188	34.518	ng	# 99
24) Nitrobenzene	7.55	77	338007	36.994	ng	99
25) Isophorone	7.78	82	609256	37.105	ng	97
26) 2-Nitrophenol	7.86	139	160899	45.369	ng	92
27) 2,4-Dimethylphenol	7.91	122	275504	39.634	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	389825	36.615	ng	99
29) 2,4-Dichlorophenol	8.12	162	272053	40.568	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	274782	36.544	ng	94
31) Naphthalene	8.27	128	835077	37.354	ng	99
32) Benzoic acid	8.02	122	156278	33.142	ng	92
33) 4-Chloroaniline	8.32	127	161339	16.285	ng	99
34) Hexachlorobutadiene	8.38	225	175778	36.388	ng	98
35) Caprolactam	8.71	113	32846	14.480	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	284753	38.387	ng	97
37) 2-Methylnaphthalene	8.96	142	595957	39.140	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	297544	37.208	ng	98
40) Hexachlorocyclopentadiene	9.11	237	351540	79.677	ng	99

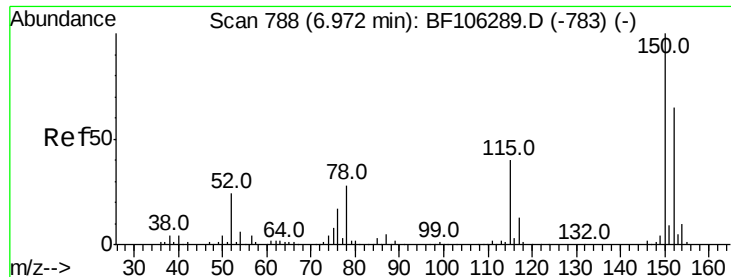
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	207183	40.655	ng	98
43) 2,4,5-Trichlorophenol	9.31	196	214303	39.008	ng	# 92
45) 1,1'-Biphenyl	9.42	154	698814	36.626	ng	98
46) 2-Chloronaphthalene	9.45	162	563005	36.873	ng	97
47) 2-Nitroaniline	9.55	65	197335	41.083	ng	86
48) Acenaphthylene	9.87	152	907922	38.848	ng	98
49) Dimethylphthalate	9.72	163	666566	37.875	ng	# 99
50) 2,6-Dinitrotoluene	9.79	165	146488	40.748	ng	99
51) Acenaphthene	10.04	154	537507	35.613	ng	99
52) 3-Nitroaniline	9.96	138	112322	26.325	ng	94
53) 2,4-Dinitrophenol	10.07	184	158035	94.053	ng	# 21
54) Dibenzofuran	10.21	168	776070	38.184	ng	96
55) 4-Nitrophenol	10.15	139	251723	76.968	ng	91
56) 2,4-Dinitrotoluene	10.19	165	206381	45.716	ng	# 95
57) Fluorene	10.56	166	616484	38.284	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	189894	43.611	ng	# 84
59) Diethylphthalate	10.42	149	659385	37.748	ng	# 94
60) 4-Chlorophenyl-phenylether	10.55	204	314371	37.118	ng	# 88
61) 4-Nitroaniline	10.58	138	173332	41.754	ng	95
62) Azobenzene	10.71	77	685332	37.625	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	113349	41.971	ng	84
65) n-Nitrosodiphenylamine	10.67	169	589564	34.281	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	217318	37.338	ng	# 88
67) Hexachlorobenzene	11.11	284	227028	37.836	ng	# 84
68) Atrazine	11.19	200	201411	38.002	ng	97
69) Pentachlorophenol	11.31	266	214858	58.160	ng	99
70) Phenanthrene	11.52	178	952662	38.014	ng	98
71) Anthracene	11.58	178	974479	38.814	ng	97
72) Carbazole	11.73	167	889302	38.367	ng	98
73) Di-n-butylphthalate	12.05	149	1056109	40.939	ng	98
74) Fluoranthene	12.72	202	1072095	40.114	ng	96
76) Benzidine	12.84	184	657054	43.404	ng	98
77) Pyrene	12.95	202	1080784	37.953	ng	97
79) Butylbenzylphthalate	13.55	149	493823	46.327	ng	96
80) Benzo(a)anthracene	14.14	228	994193	36.729	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	179378	19.641	ng	# 97
82) Chrysene	14.18	228	933355	37.767	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	690169	45.157	ng	100
84) Di-n-octyl phthalate	14.74	149	1024589	46.500	ng	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	868130	44.015	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	823945	37.439	ng	97
88) Benzo(k)fluoranthene	15.26	252	750653	34.440	ng	# 97
89) Benzo(a)pyrene	15.62	252	757455	38.265	ng	# 97
90) Dibenzo(a,h)anthracene	17.27	278	719599	43.603	ng	# 95
91) Benzo(g,h,i)perylene	17.72	276	739928	46.135	ng	# 92

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

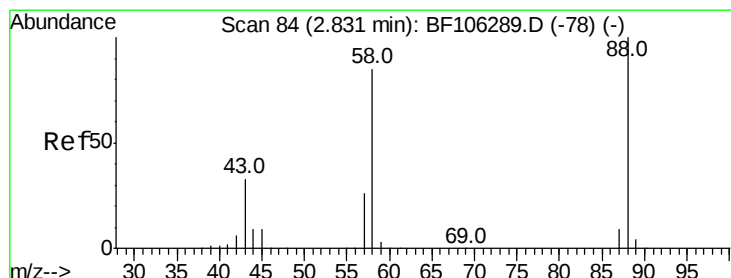
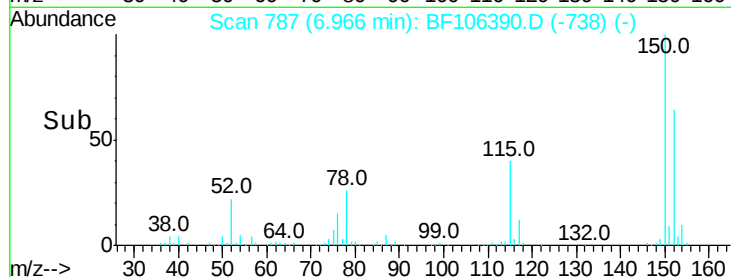
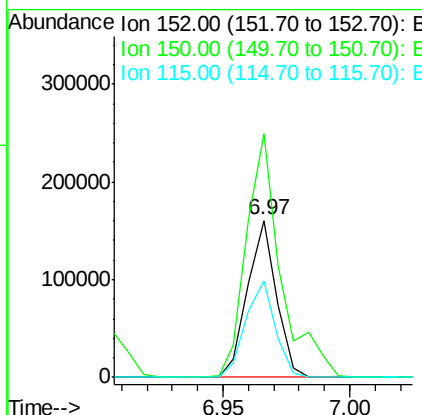
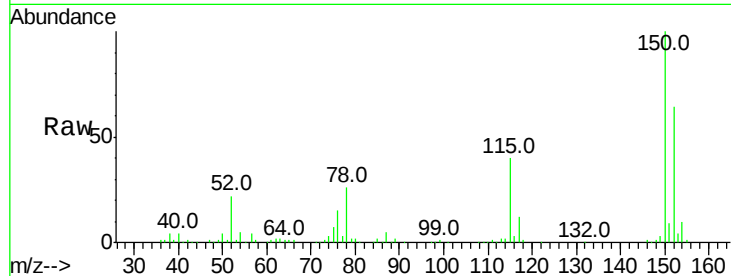


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

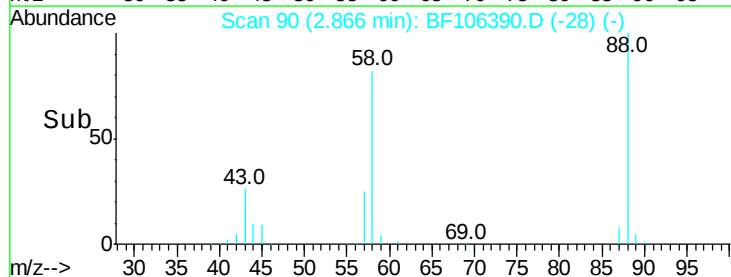
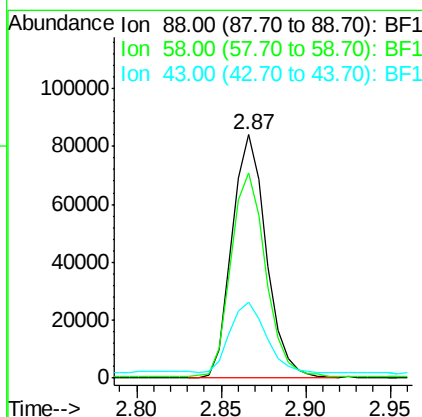
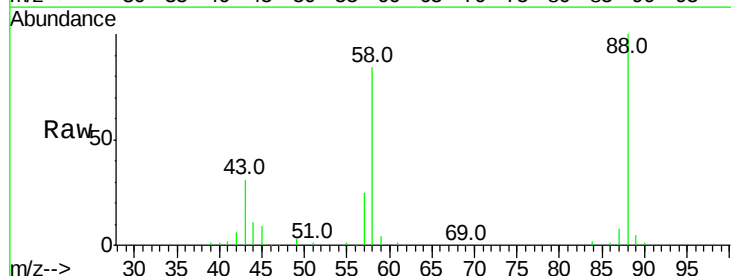
Tot Ion:152 Resp: 127615
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.5 50.1 75.1

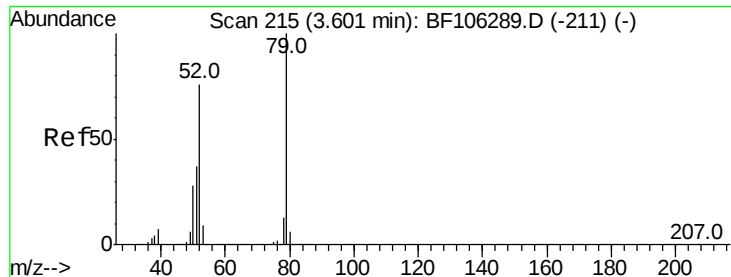


#2

1,4-Dioxane
Concen: 30.546 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.06 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 88 Resp: 119196
Ion Ratio Lower Upper
88 100
58 84.1 62.6 93.8
43 30.9 24.6 37.0





#3

Pvridine

Concen: 33.118 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

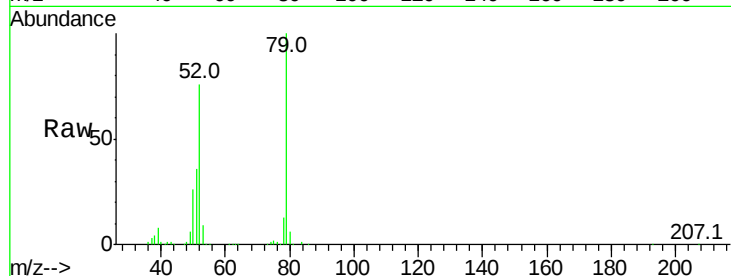
Tot Ion: 79 Resp: 360144

Ion Ratio Lower Upper

79 100

52 75.8 59.8 89.6

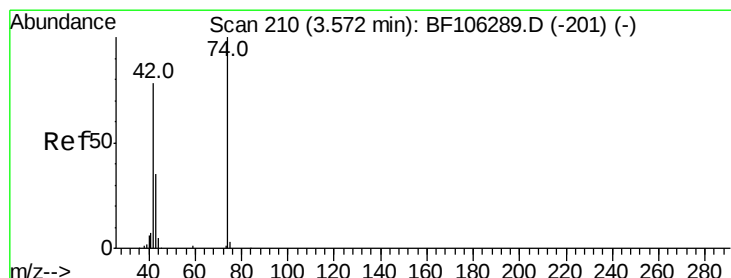
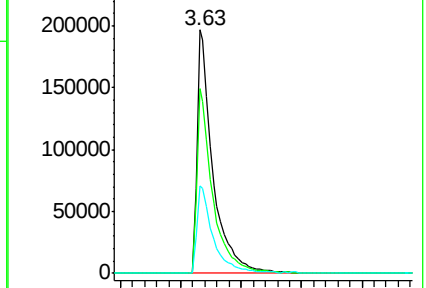
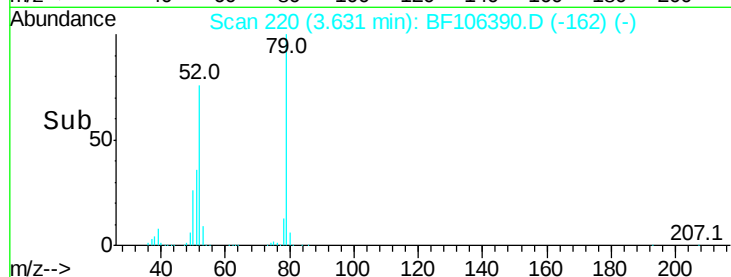
51 36.2 29.8 44.8



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: 32.016 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.04 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

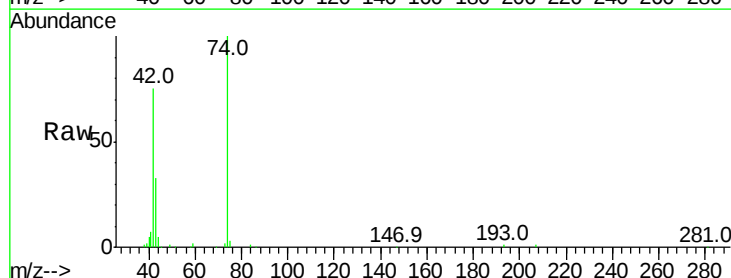
Tgt Ion: 42 Resp: 159493

Ion Ratio Lower Upper

42 100

74 133.7 104.9 157.3

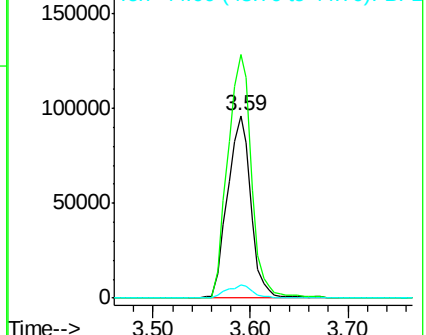
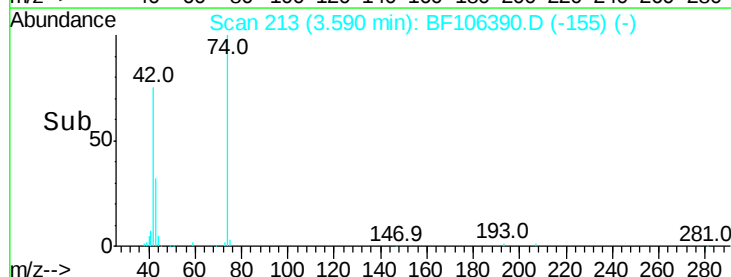
44 7.3 6.9 10.3

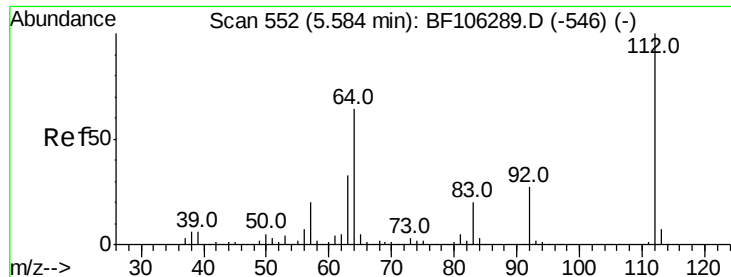


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.293 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

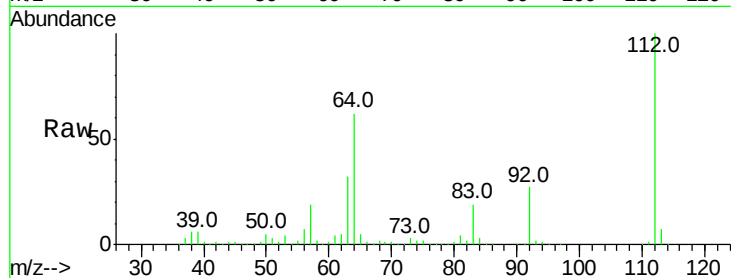
Tot Ion:112 Resp: 831612

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

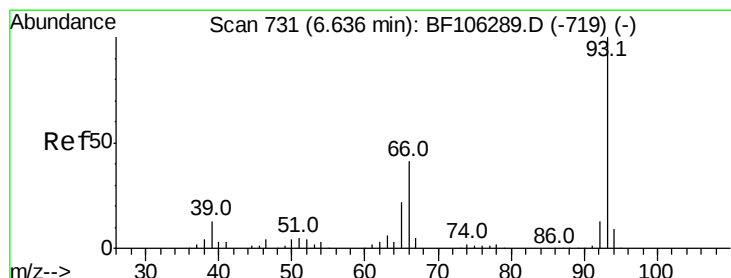
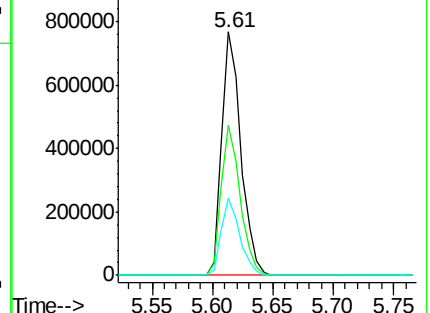
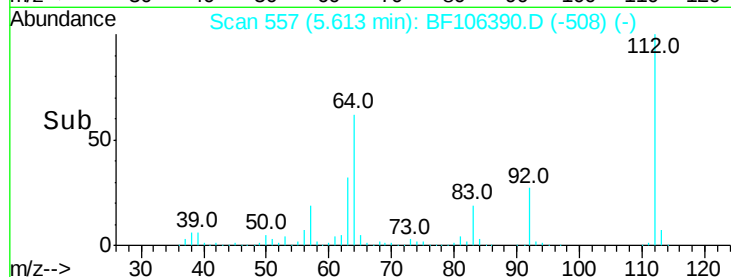
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.110 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

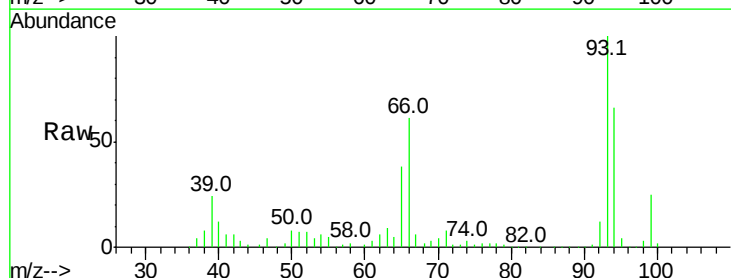
Tgt Ion: 93 Resp: 321466

Ion Ratio Lower Upper

93 100

66 61.0 32.2 48.2#

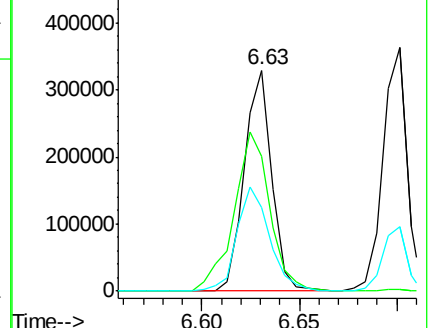
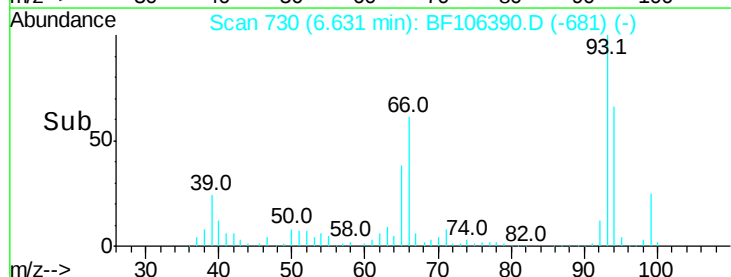
65 37.6 16.4 24.6#

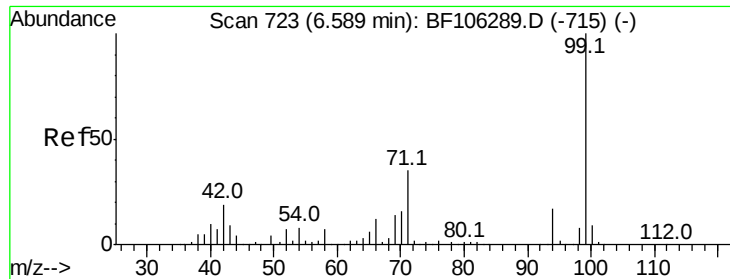


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.474 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

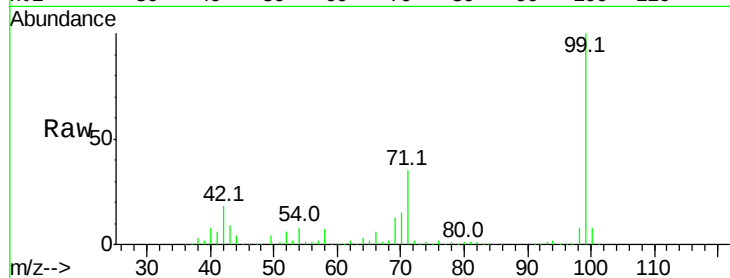
Tot Ion: 99 Resp: 985710

Ion Ratio Lower Upper

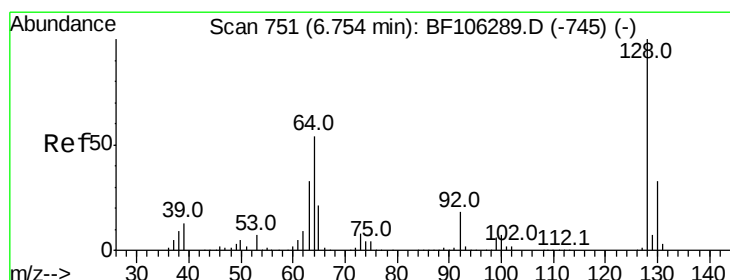
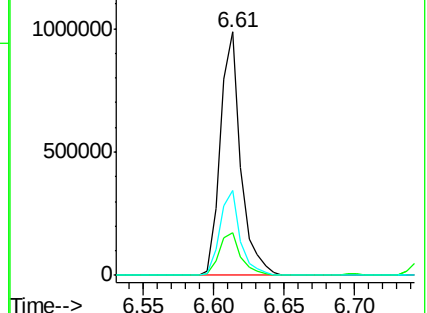
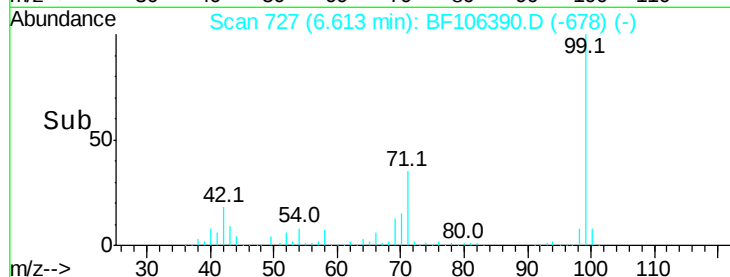
99 100

42 17.6 14.5 21.7

71 35.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.068 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

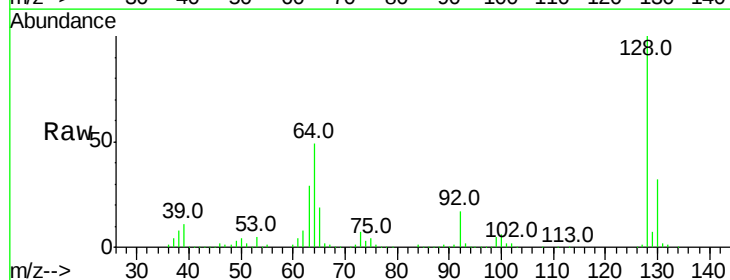
Tgt Ion: 128 Resp: 300565

Ion Ratio Lower Upper

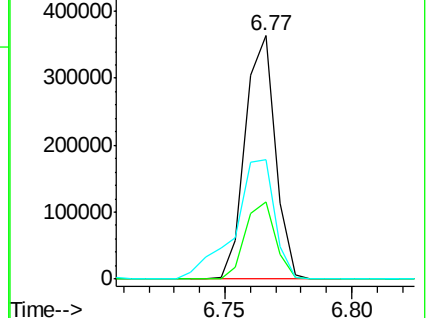
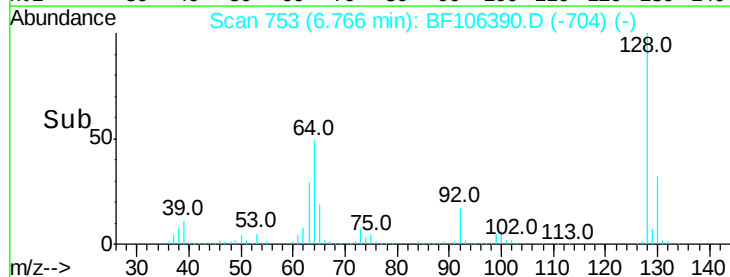
128 100

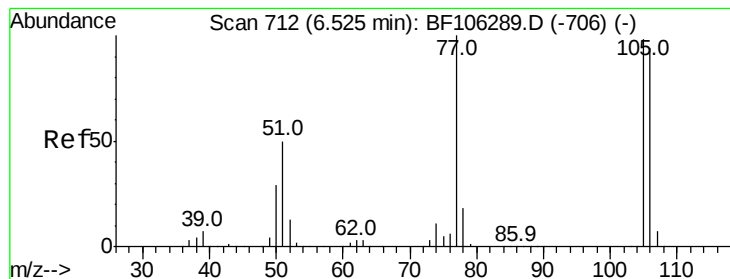
130 31.9 13.0 53.0

64 49.2 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: 27.632 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

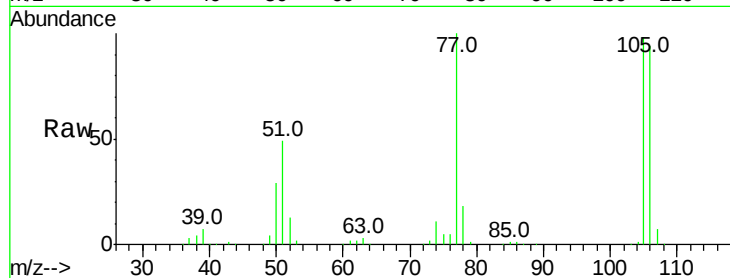
Tot Ion: 77 Resp: 199662

Ion Ratio Lower Upper

77 100

105 98.3 81.1 121.1

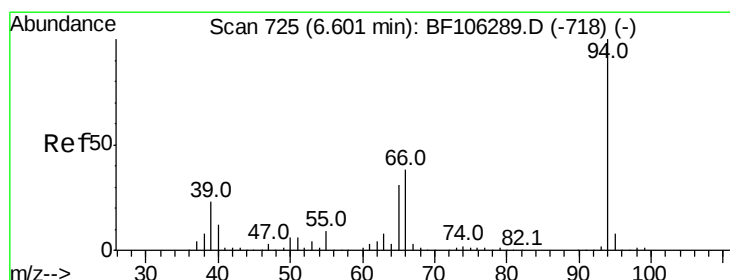
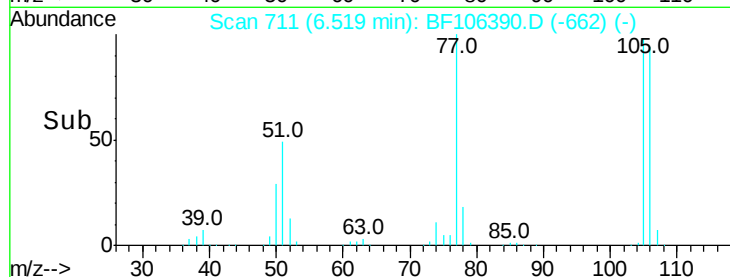
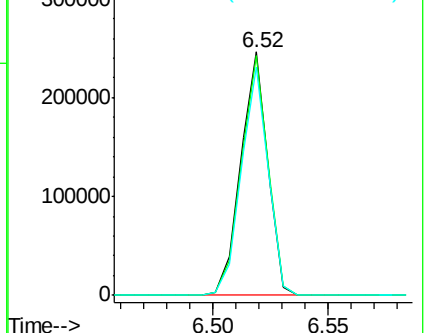
106 93.7 74.5 114.5



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: 37.364 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

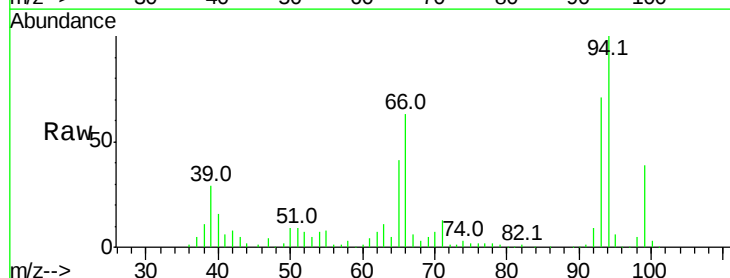
Tgt Ion: 94 Resp: 388566

Ion Ratio Lower Upper

94 100

65 41.5 7.9 47.9

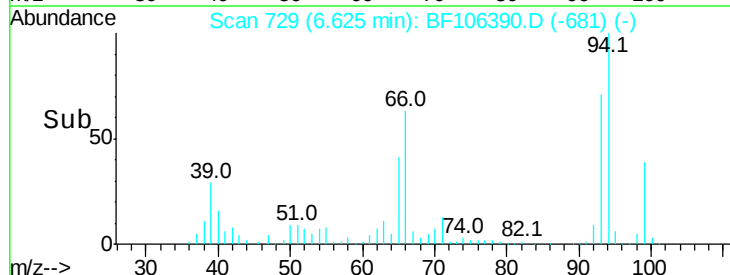
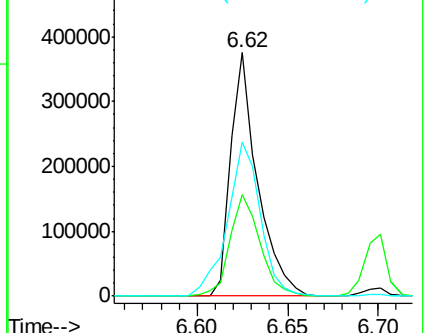
66 63.0 16.2 56.2#

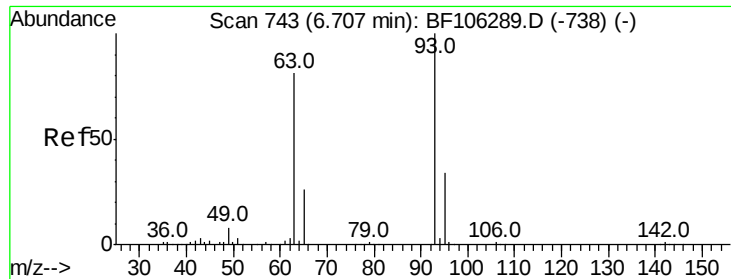


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.432 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampled :

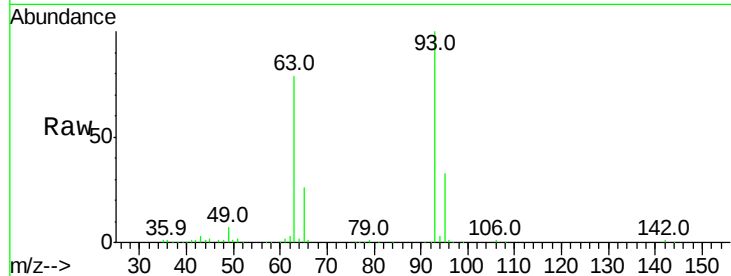
Tot Ion: 93 Resp: 306537

Ion Ratio Lower Upper

93 100

63 78.6 58.6 98.6

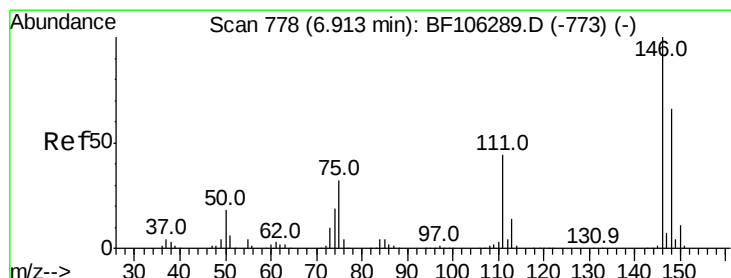
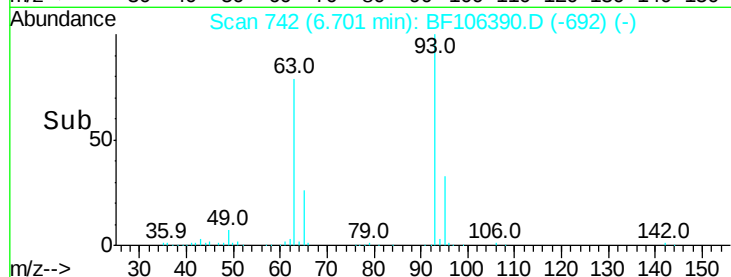
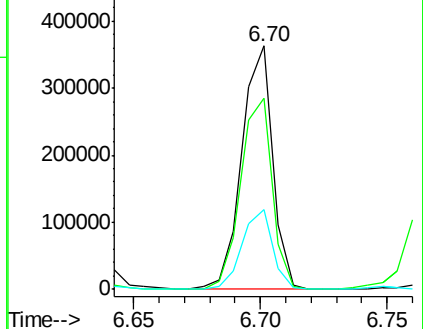
95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.648 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

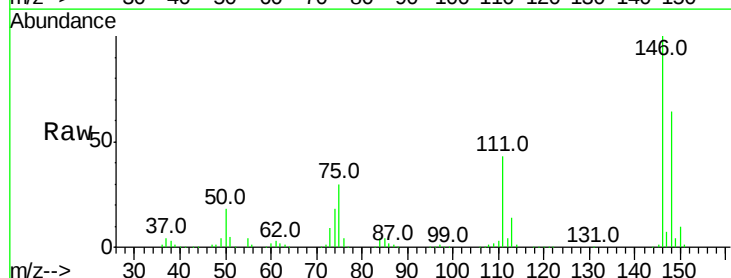
Tgt Ion: 146 Resp: 340197

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

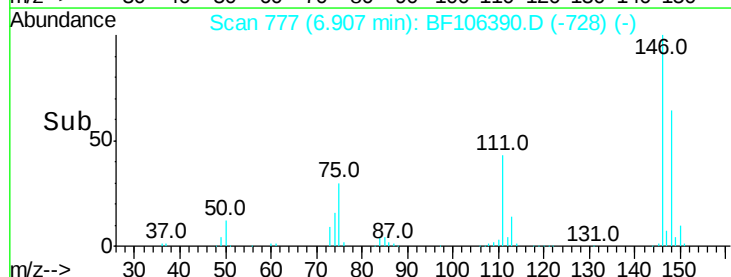
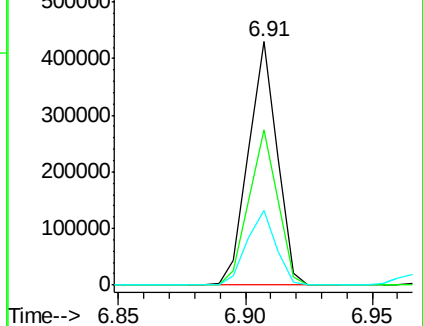
75 30.5 24.2 36.4

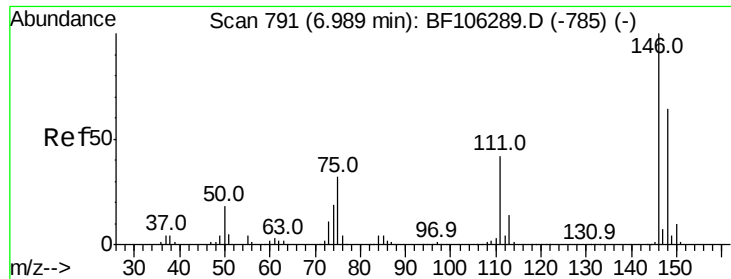


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

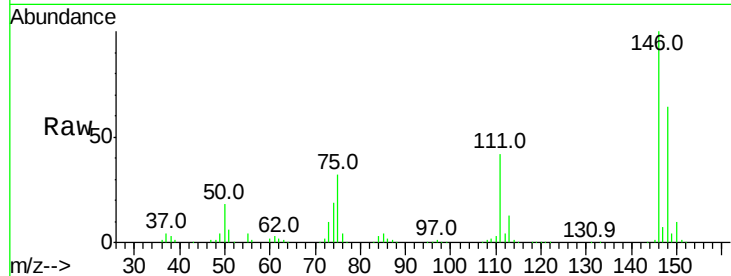




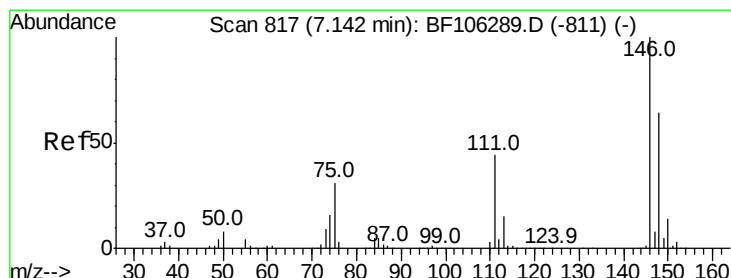
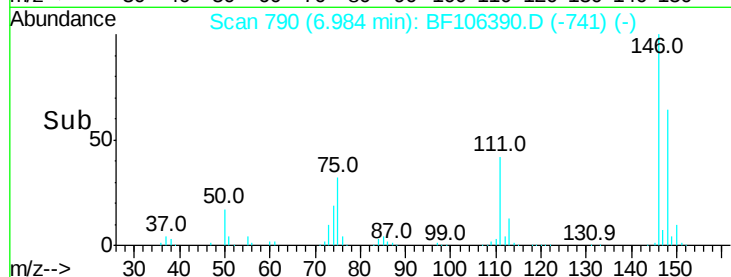
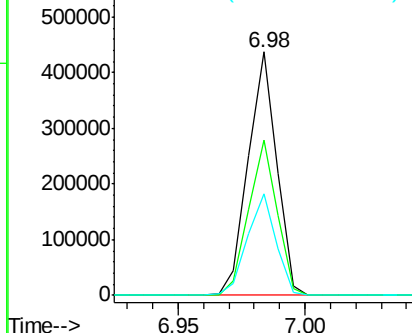
#13
 1,4-Dichlorobenzene
 Concen: 35.409 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 342910
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 41.7 34.2 51.2

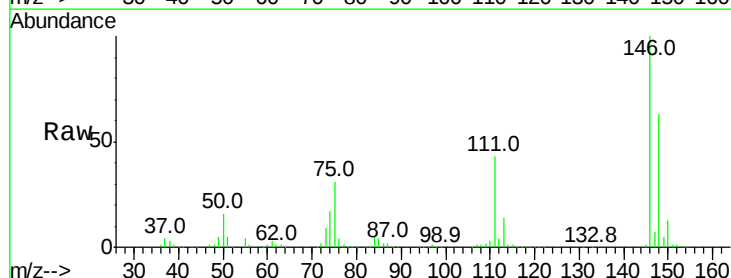


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

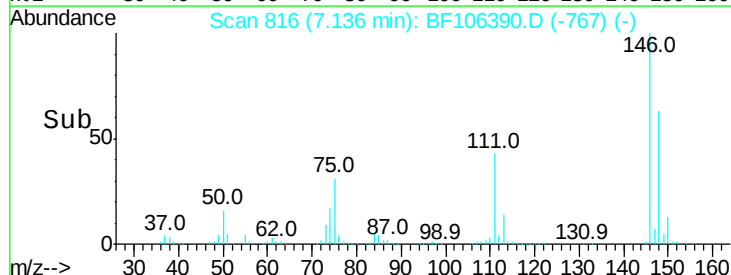
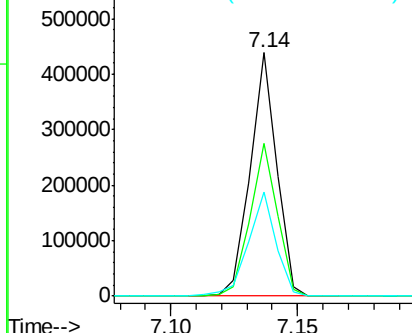


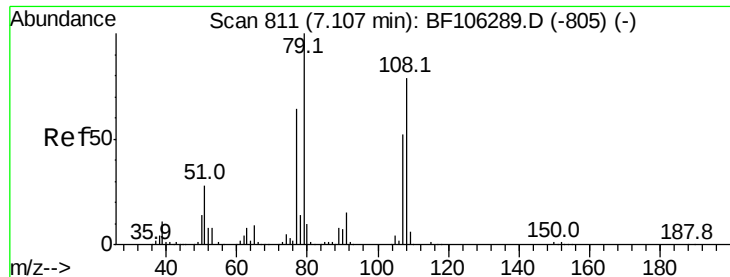
#14
 1,2-Dichlorobenzene
 Concen: 35.052 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion:146 Resp: 319557
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 42.9 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: 34.293 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

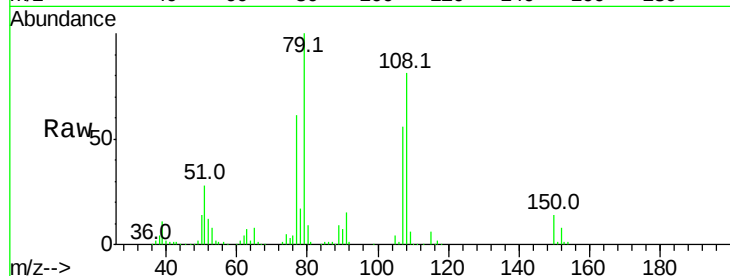
Tot Ion: 79 Resp: 279765

Ion Ratio Lower Upper

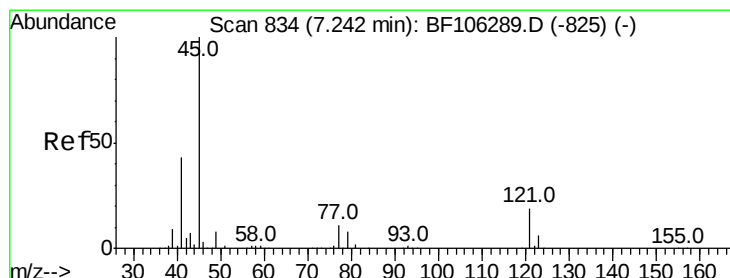
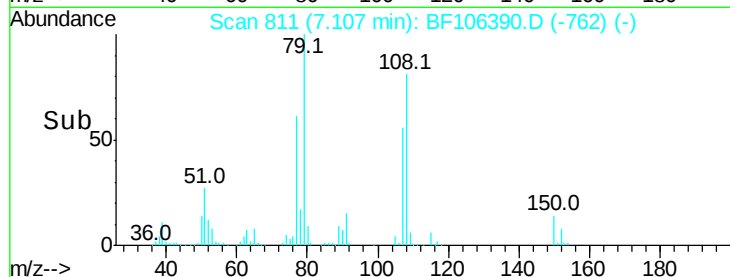
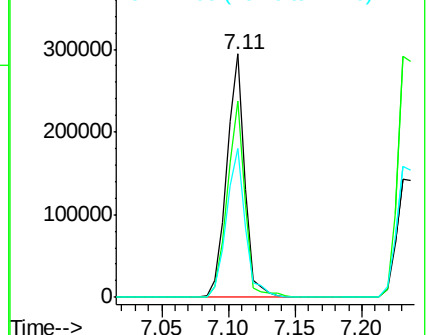
79 100

108 80.6 65.1 97.7

77 60.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.748 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

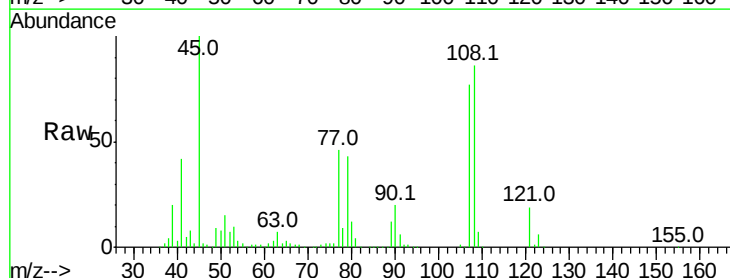
Tgt Ion: 45 Resp: 456209

Ion Ratio Lower Upper

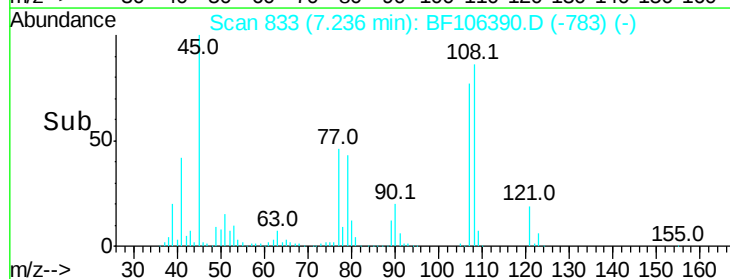
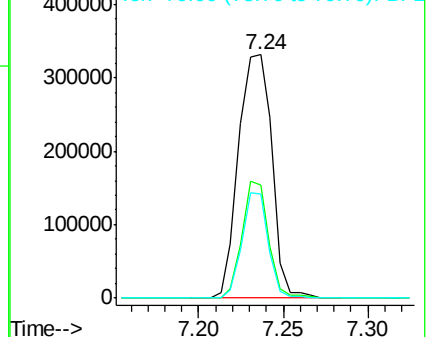
45 100

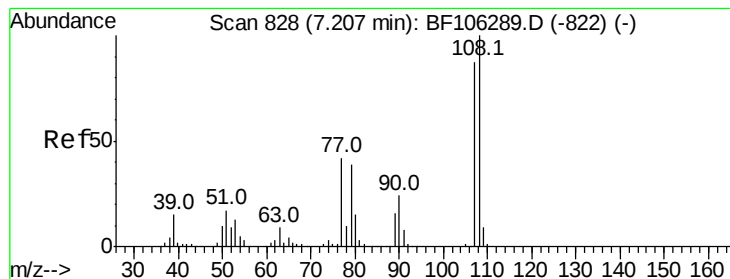
77 46.5 0.0 32.9#

79 42.7 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: 34.724 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 251203

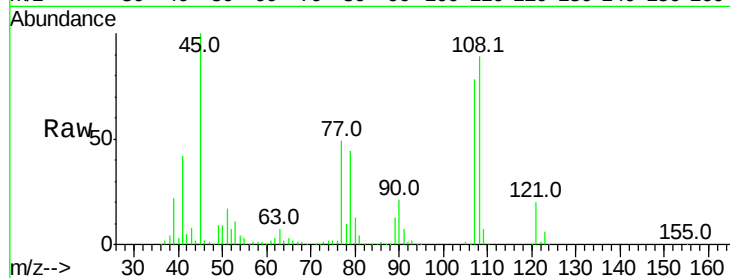
Ion Ratio Lower Upper

107 100

108 114.7 91.7 137.5

77 62.5 33.8 50.8#

79 56.3 33.8 50.8#

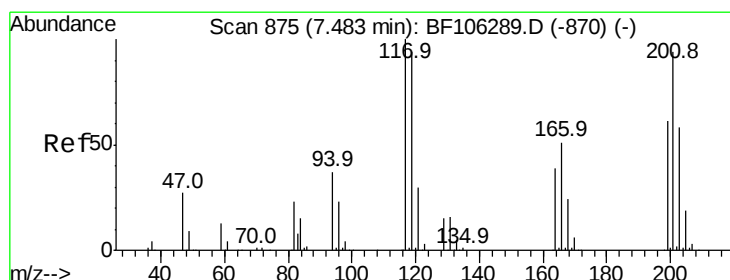
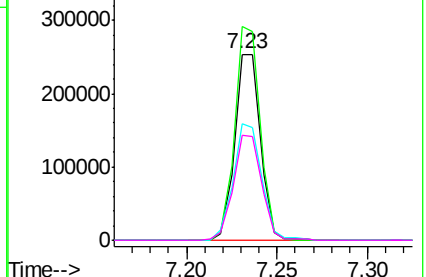
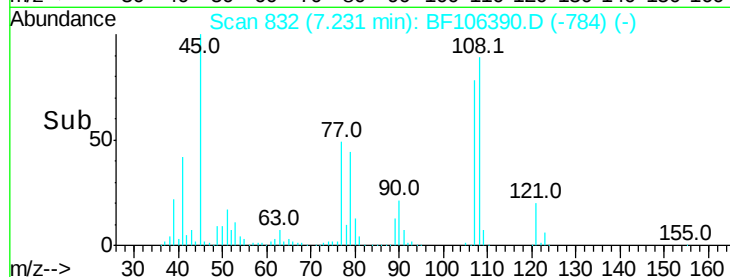


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.441 ng

RT: 7.48 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

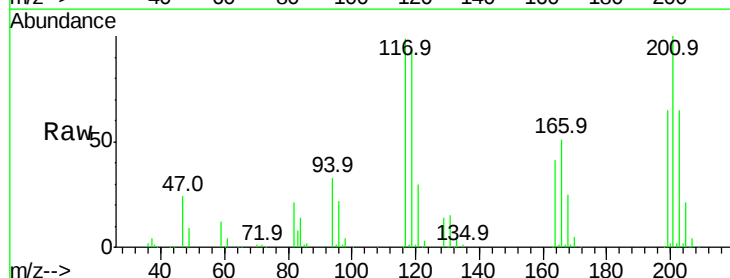
Tgt Ion:117 Resp: 122297

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

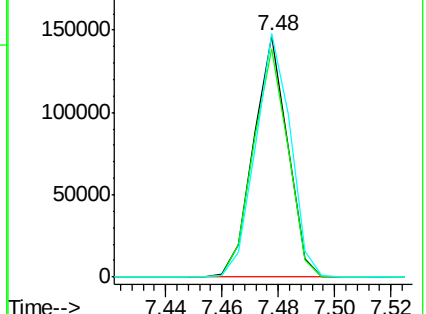
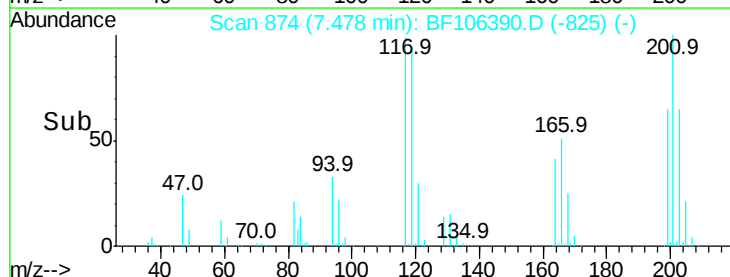
201 100.8 75.7 113.5

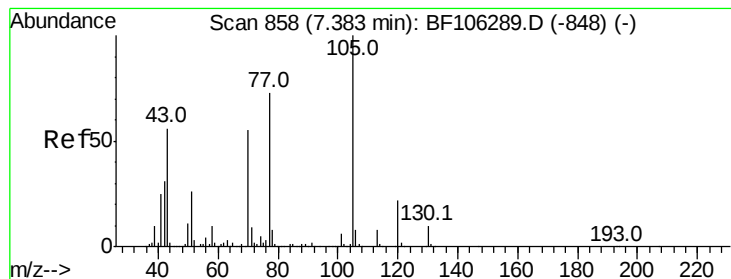


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.349 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 224043

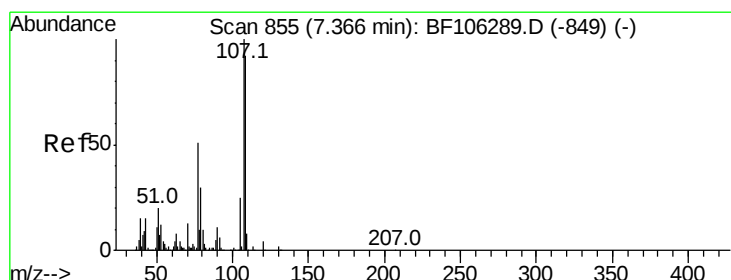
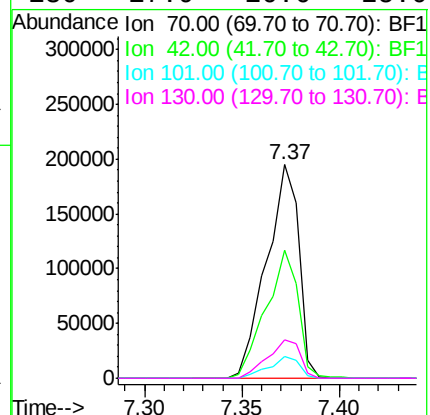
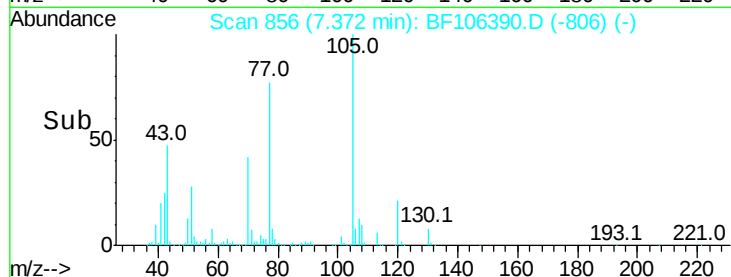
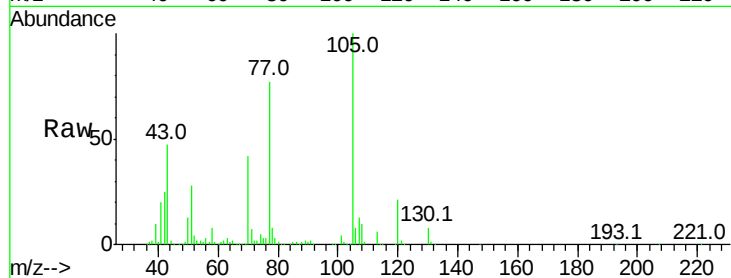
Ion Ratio Lower Upper

70 100

42 59.9 47.5 71.3

101 10.4 7.4 11.2

130 17.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.168 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion: 107 Resp: 343855

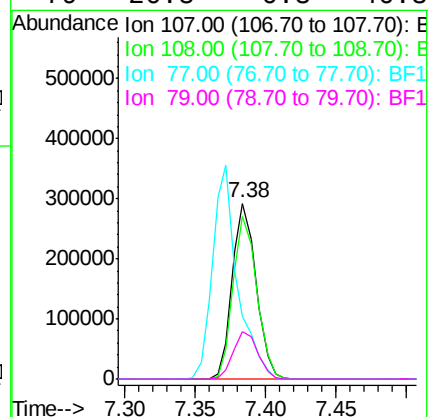
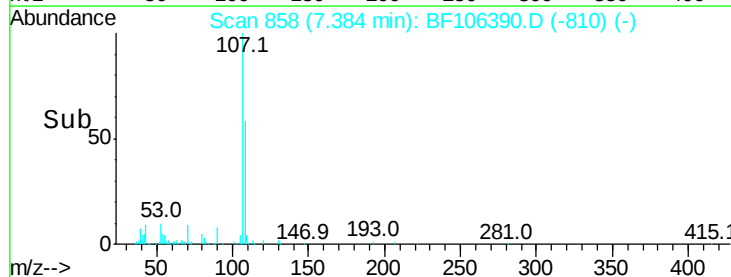
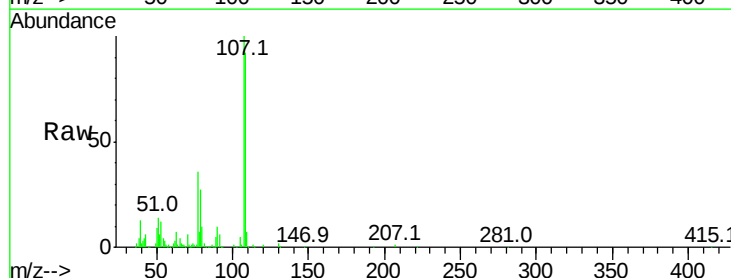
Ion Ratio Lower Upper

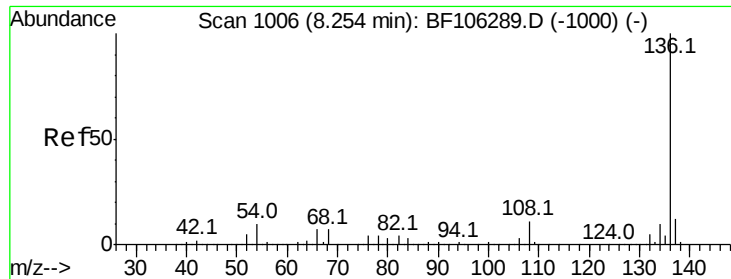
107 100

108 92.3 68.2 108.2

77 35.7 26.7 66.7

79 26.8 6.3 46.3

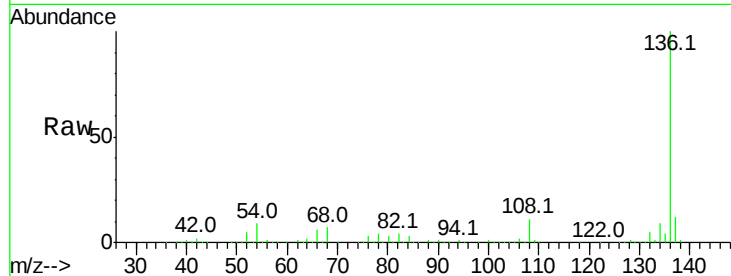




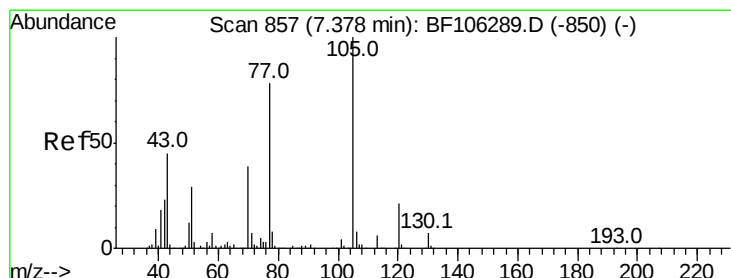
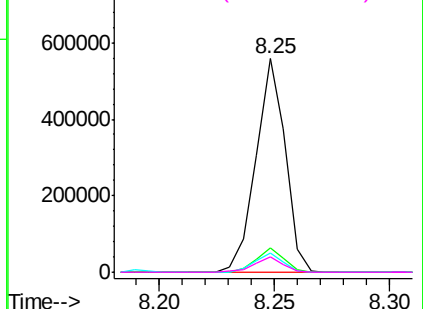
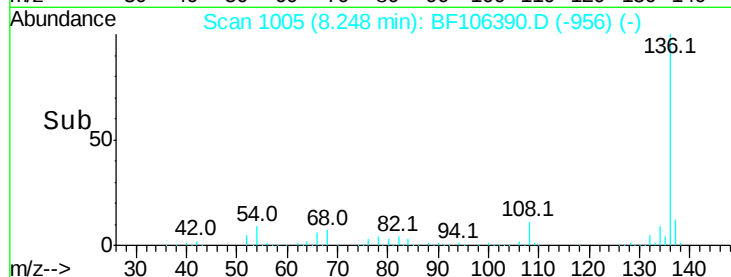
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 494536
Ion Ratio	Lower Upper
136 100	
137 11.6	8.9 13.3
54 8.9	6.6 9.8
68 6.9	5.0 7.4

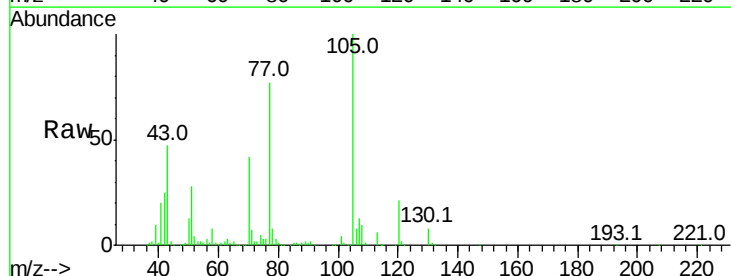


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

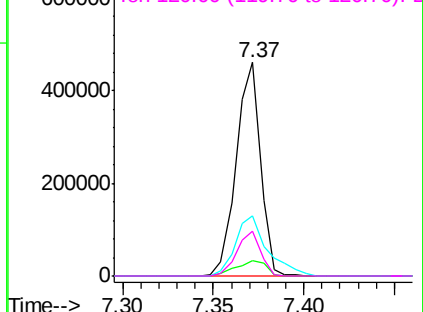
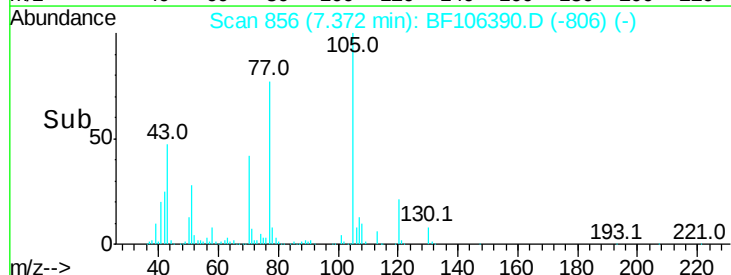


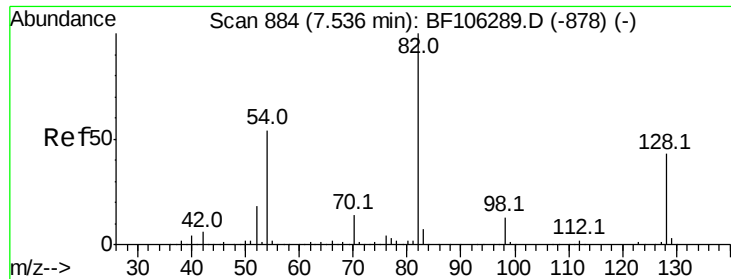
#22
Acetophenone
Concen: 34.518 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt	Ion:105	Resp:	430188
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.4	6.6#
51	27.9	22.3	33.5
120	20.9	16.9	25.3



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

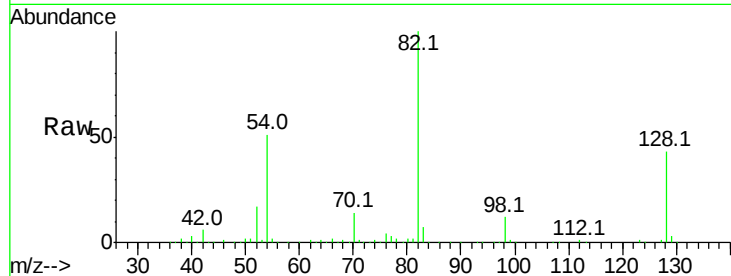




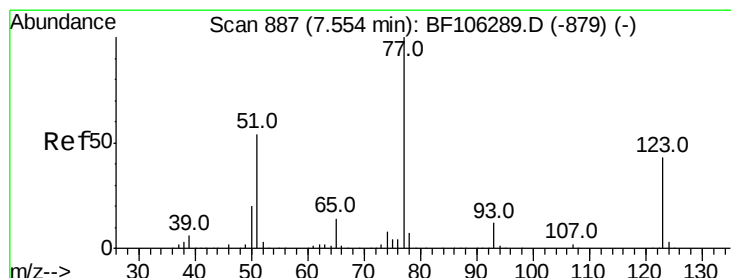
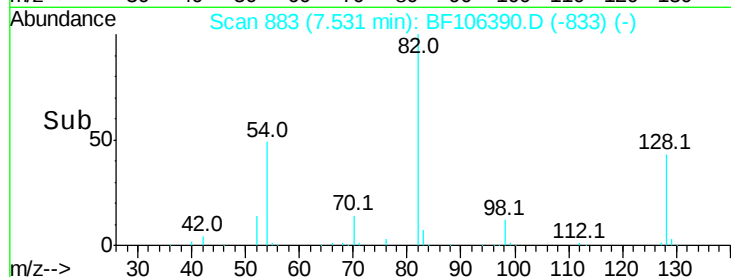
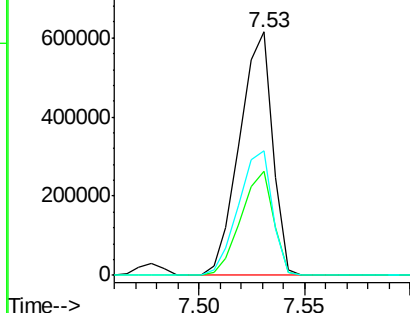
#23
Nitrobenzene-d5
Concen: 79.428 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 667706
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 51.2 41.4 62.2

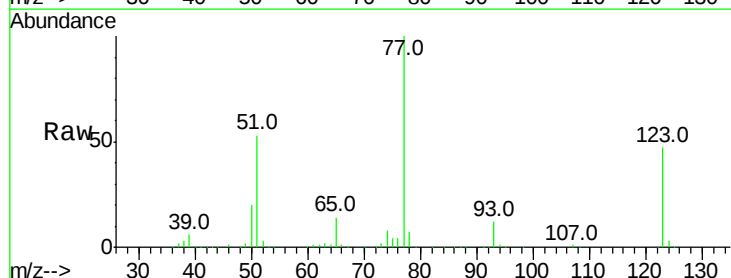


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

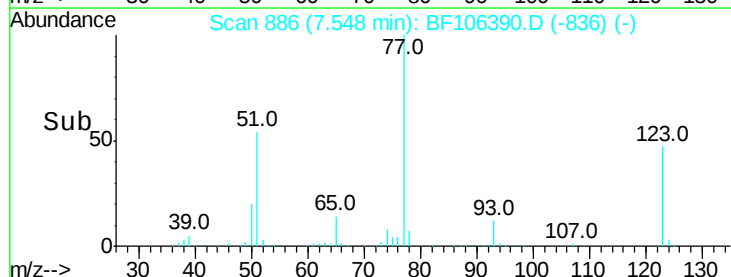
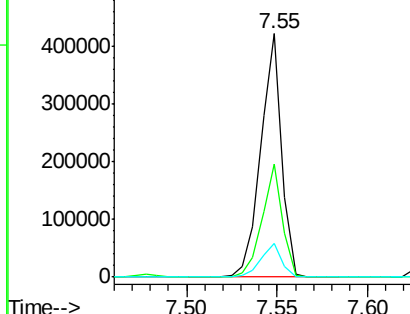


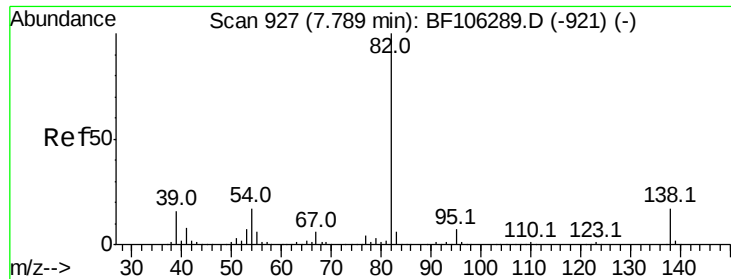
#24
Nitrobenzene
Concen: 36.994 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 77 Resp: 338007
Ion Ratio Lower Upper
77 100
123 46.7 37.9 56.9
65 14.0 11.0 16.4



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





#25

Isophorone

Concen: 37.105 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

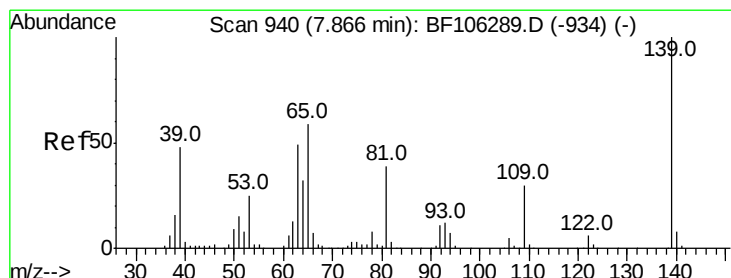
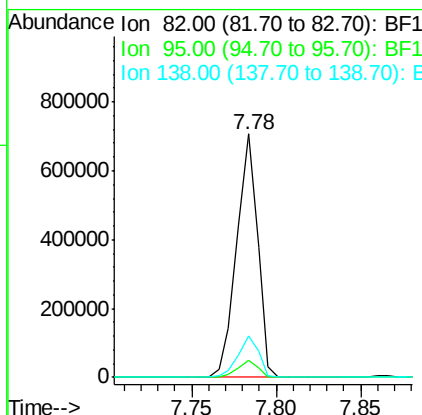
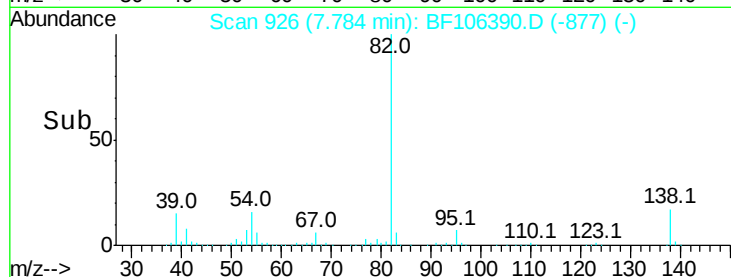
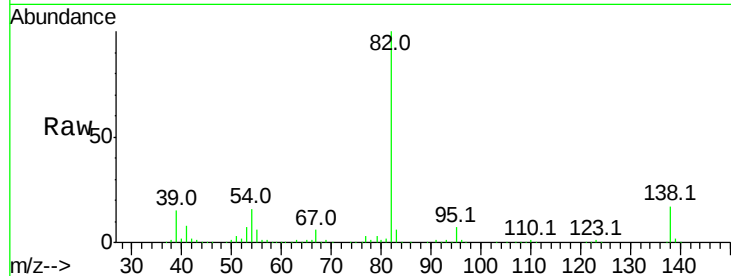
Tot Ion: 82 Resp: 609256

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 45.369 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

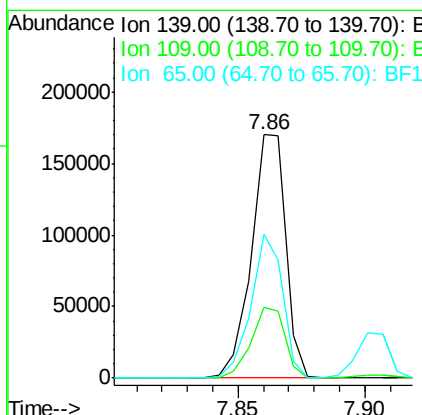
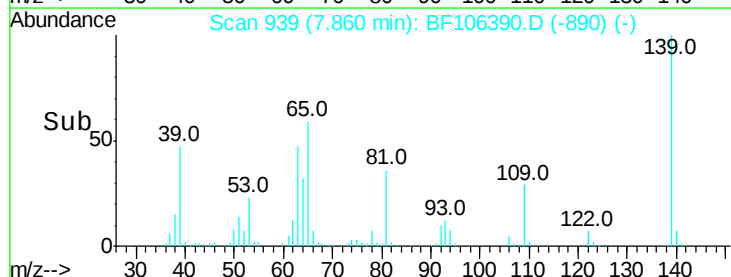
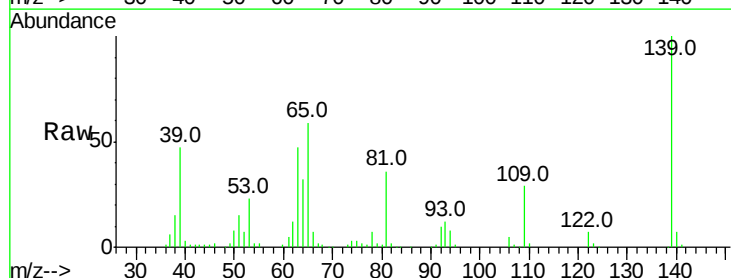
Tgt Ion: 139 Resp: 160899

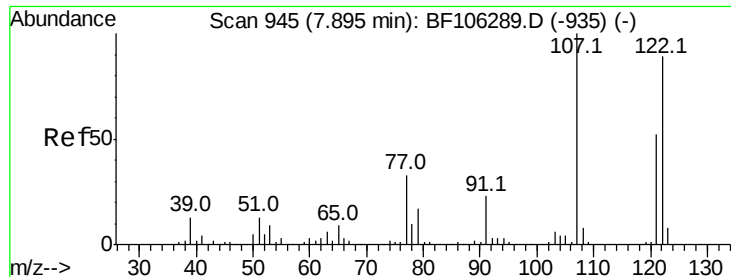
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 58.8 40.5 60.7

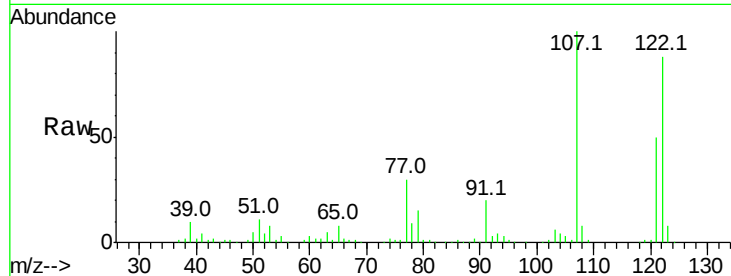




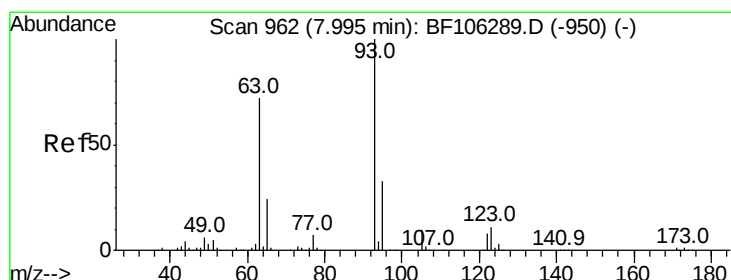
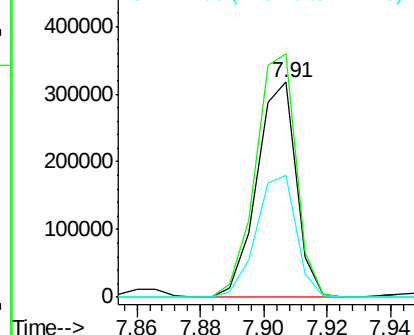
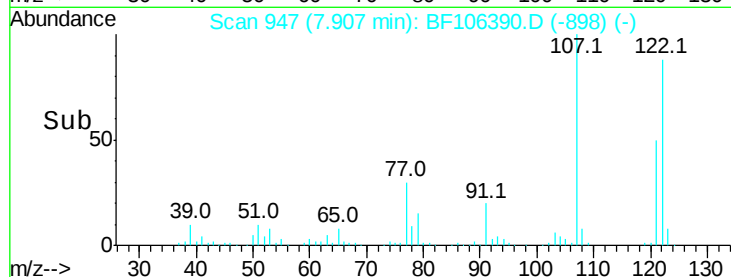
#27
 2,4-Dimethylphenol
 Concen: 39.634 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 275504
 Ion Ratio Lower Upper
 122 100
 107 113.2 91.2 136.8
 121 56.9 47.2 70.8

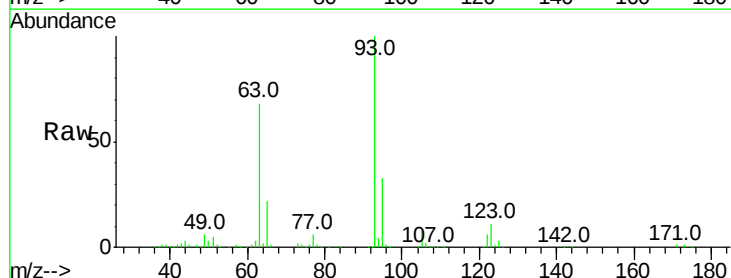


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

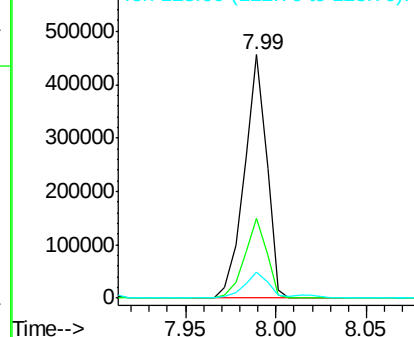
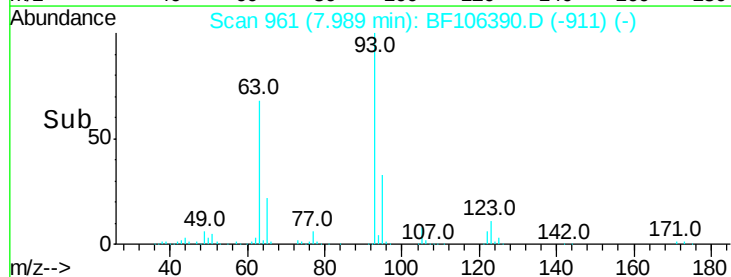


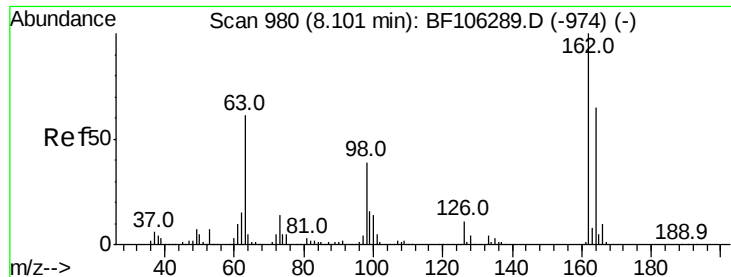
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.615 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion: 93 Resp: 389825
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 10.8 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

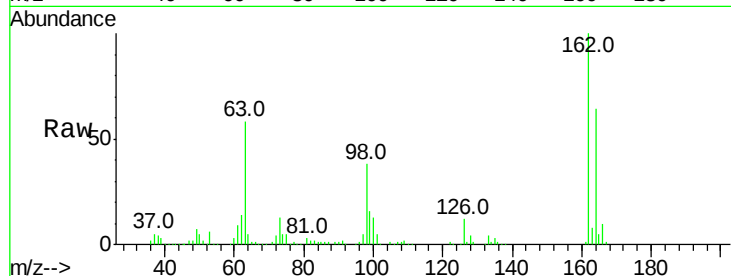




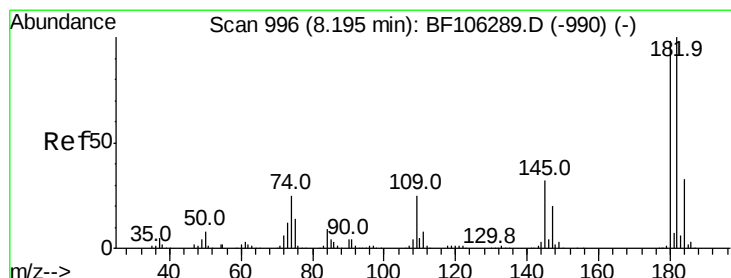
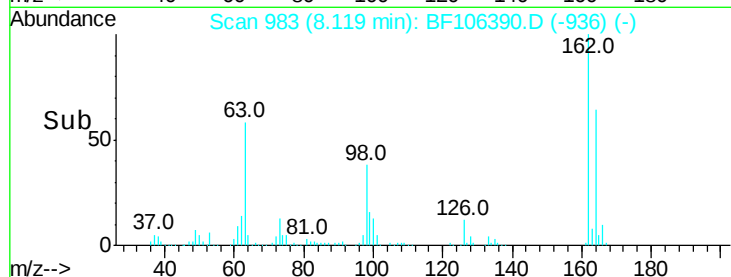
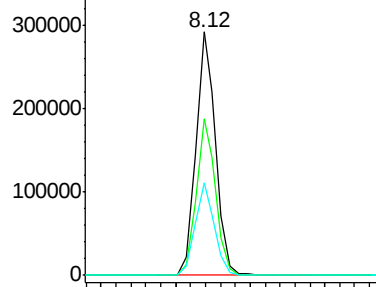
#29
2,4-Dichlorophenol
Concen: 40.568 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	37.8	18.1	58.1

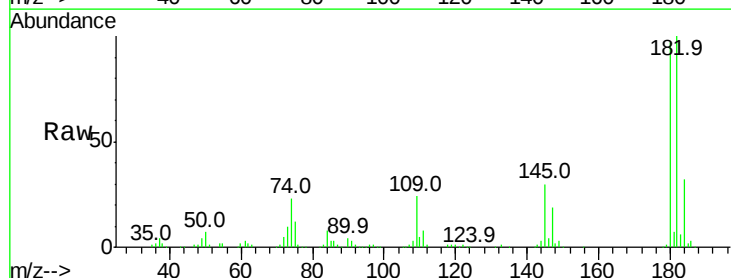


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

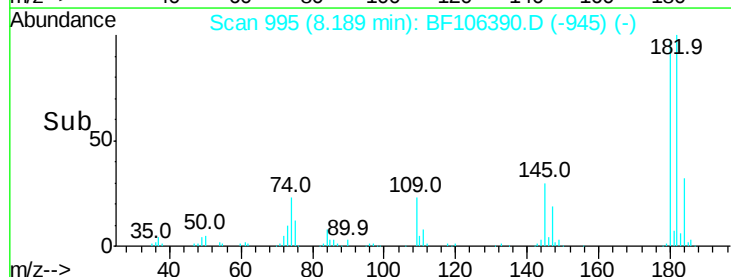
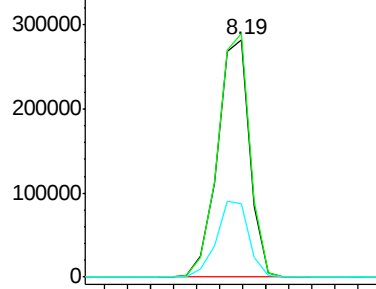


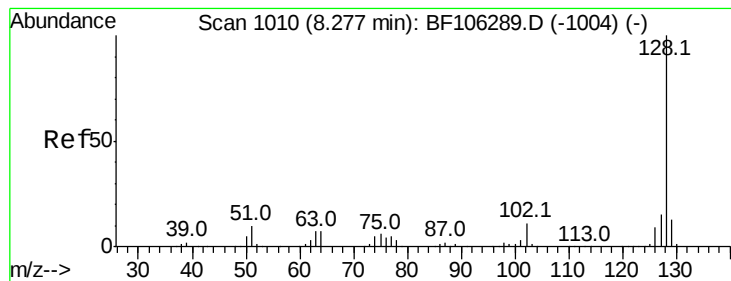
#30
1,2,4-Trichlorobenzene
Concen: 36.544 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.7	76.8	115.2
145	30.7	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: 37.354 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

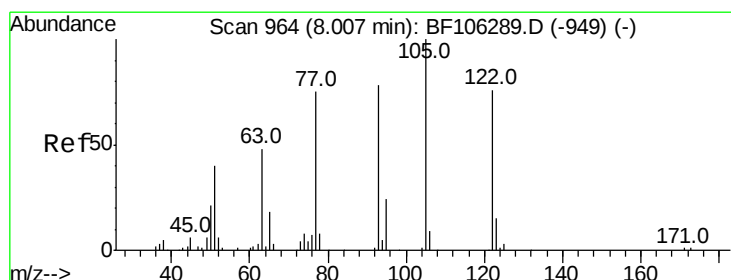
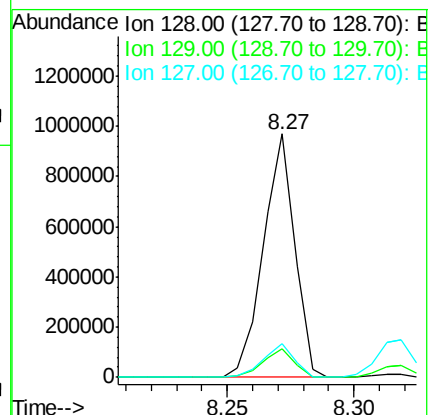
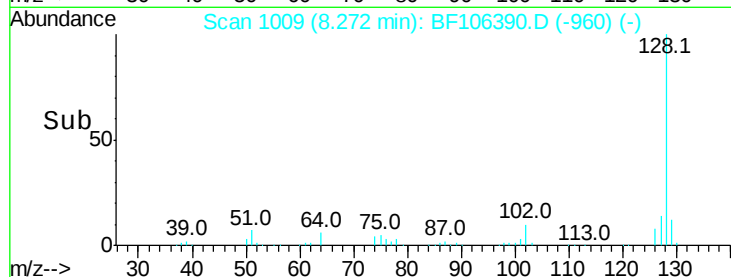
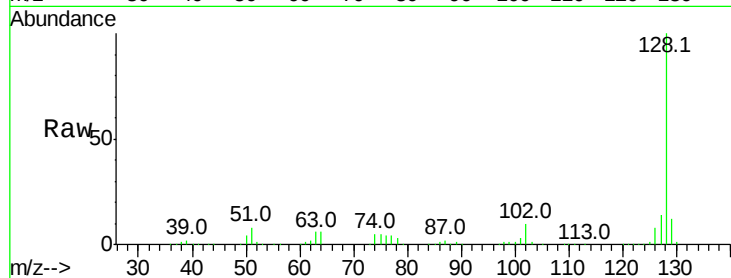
Tot Ion:128 Resp: 835077

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.9 10.9 16.3



#32

Benzoic acid

Concen: 33.142 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

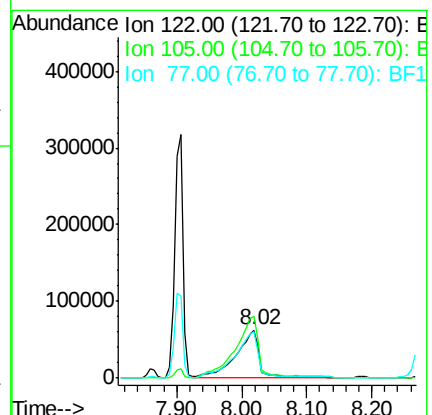
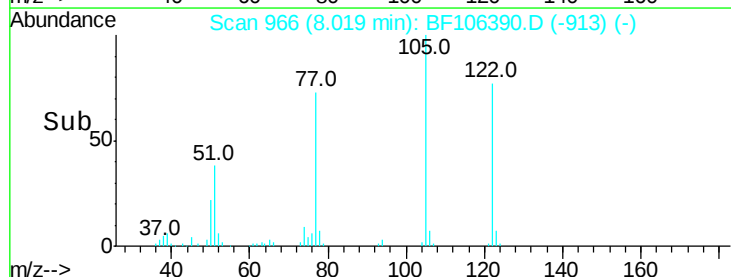
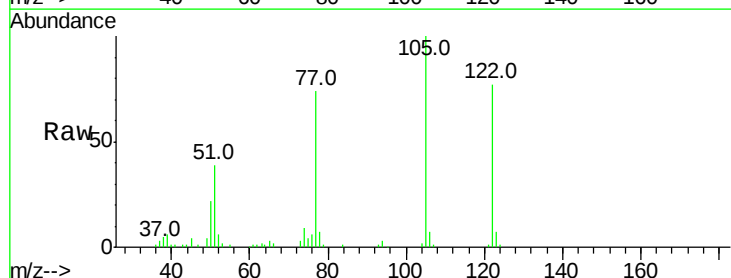
Tgt Ion:122 Resp: 156278

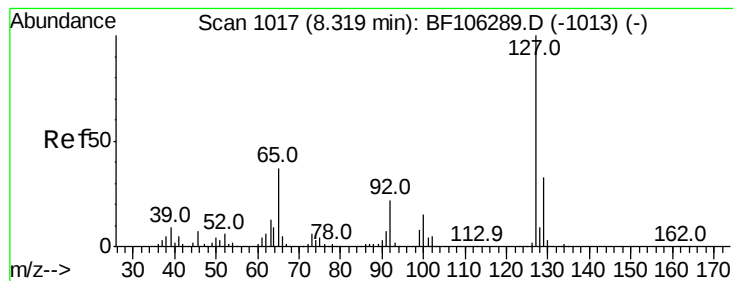
Ion Ratio Lower Upper

122 100

105 130.6 101.1 141.1

77 96.8 70.7 110.7





#33

4-Chloroaniline

Concen: 16.285 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 161339

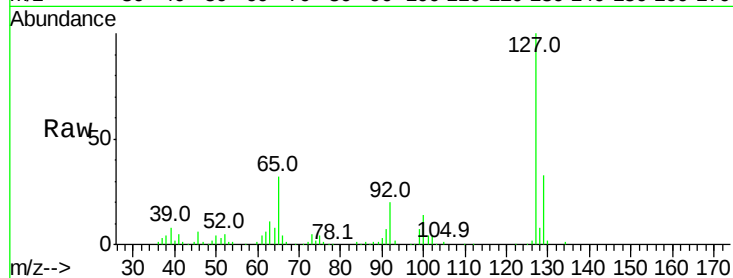
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 31.7 25.0 37.4

92 20.3 15.2 22.8

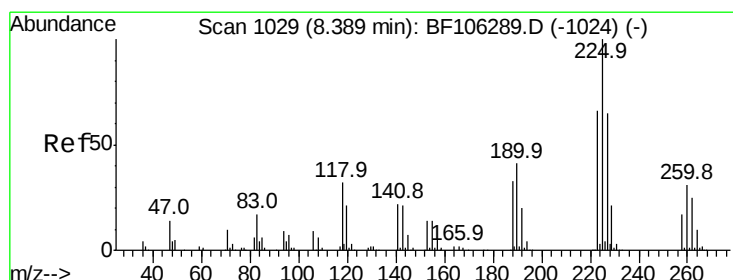
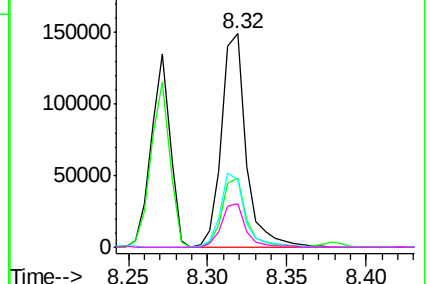
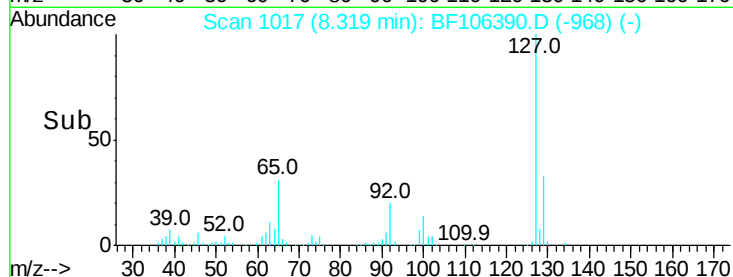


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.388 ng

RT: 8.38 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

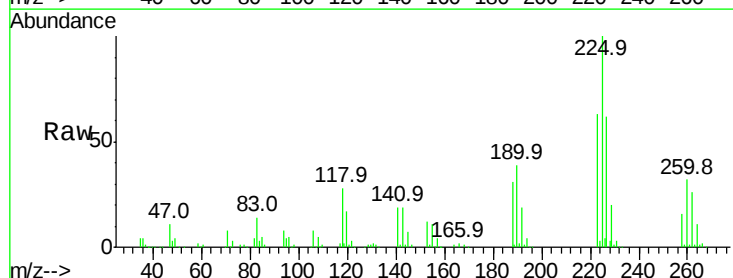
Tgt Ion:225 Resp: 175778

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

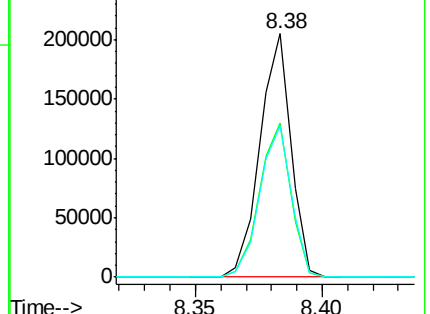
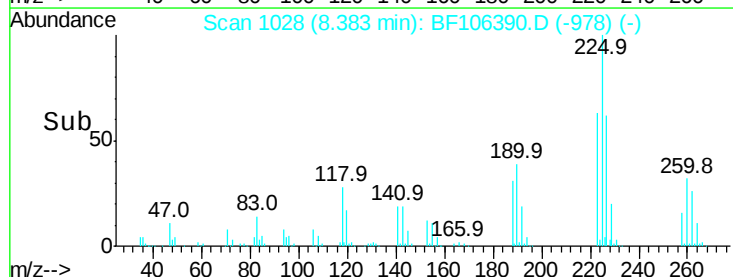
227 62.2 51.9 77.9

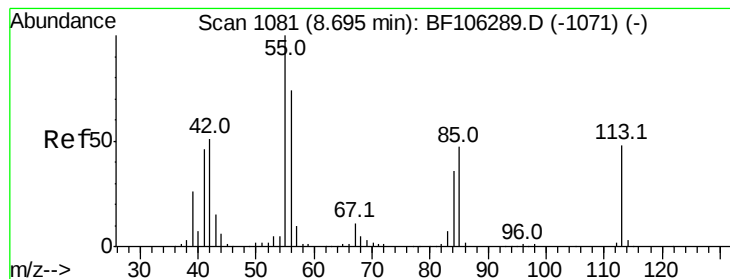


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 14.480 ng

RT: 8.71 min Scan# 1084

Delta R.T. 0.03 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

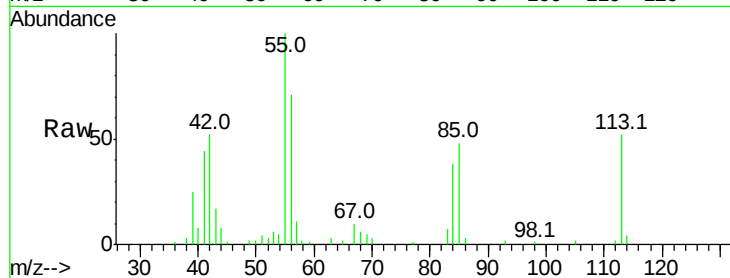
Tot Ion:113 Resp: 32846

Ion Ratio Lower Upper

113 100

55 191.2 163.3 203.3

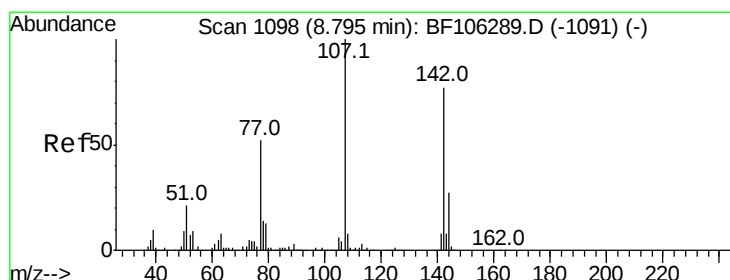
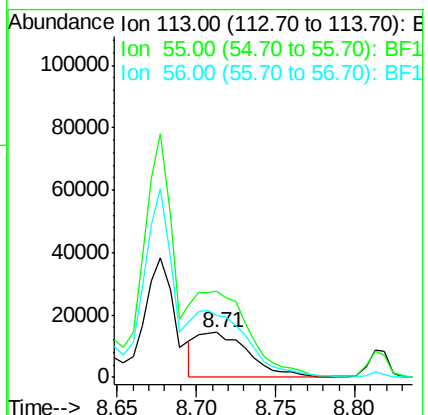
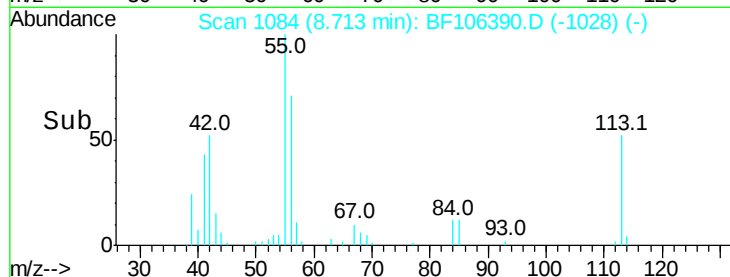
56 136.1 115.7 155.7



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: 38.387 ng

RT: 8.81 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

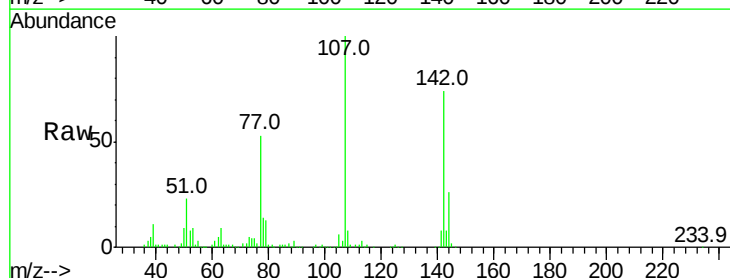
Tgt Ion:107 Resp: 284753

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

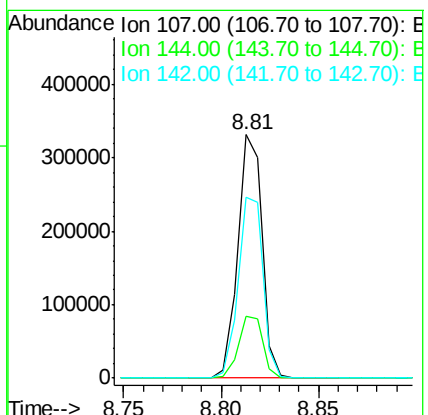
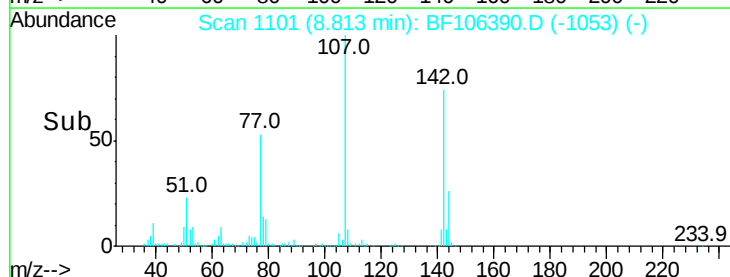
142 74.4 62.0 93.0

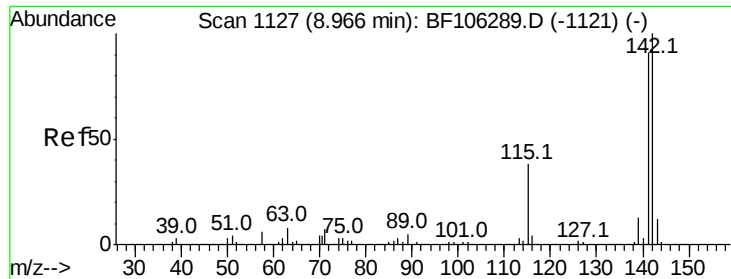


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

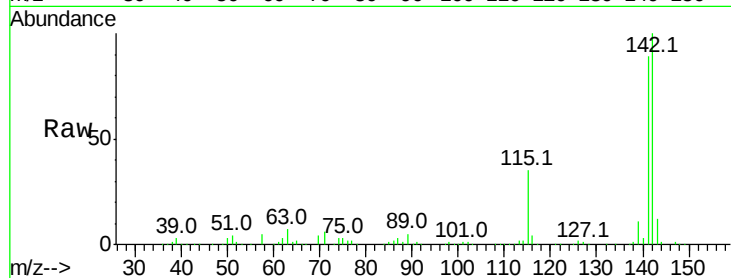




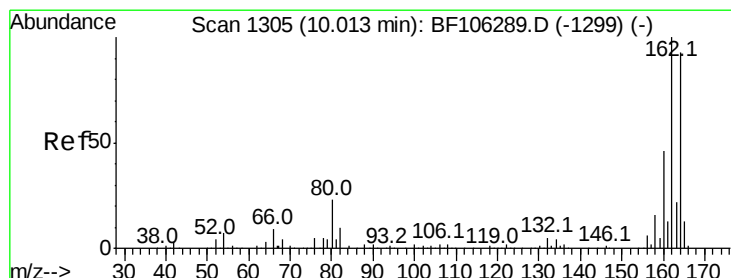
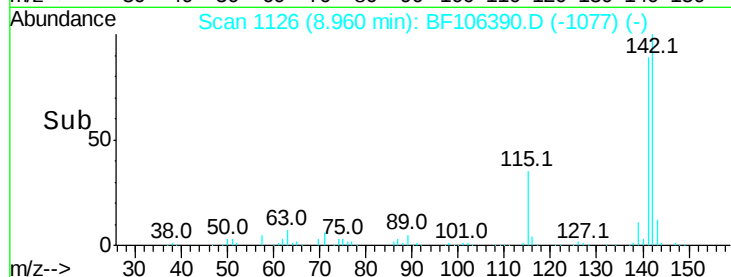
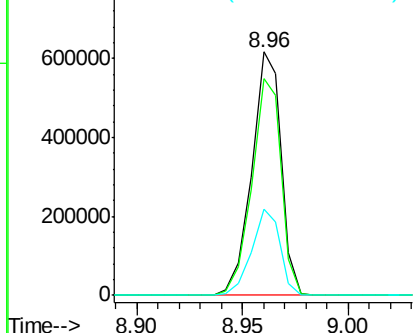
#37
2-Methylnaphthalene
Concen: 39.140 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.4	26.1	39.1

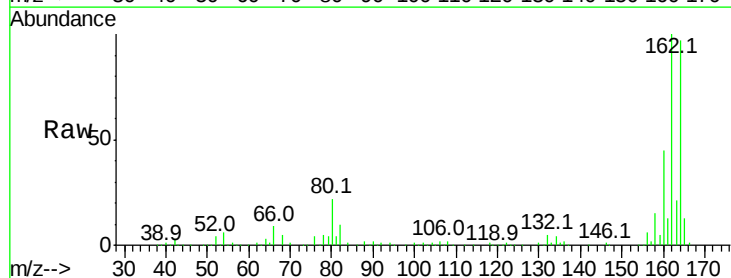


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

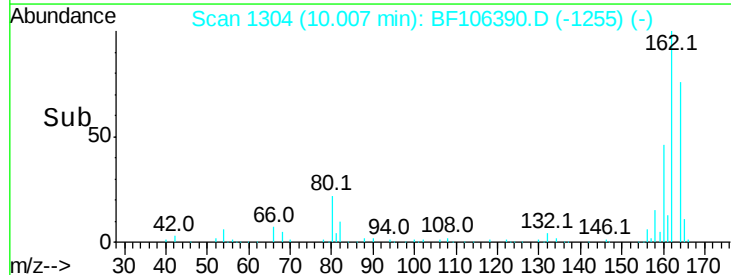
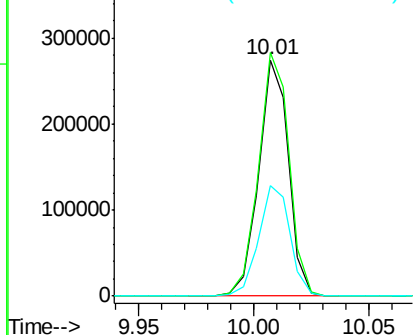


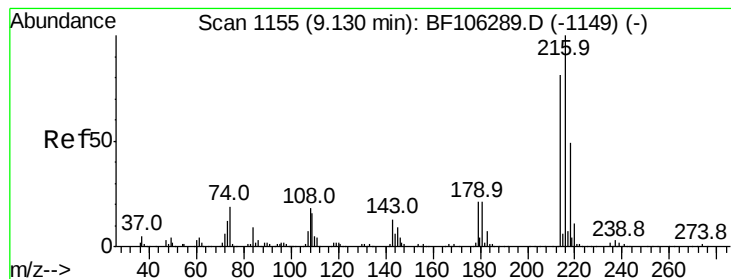
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.8	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.208 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 297544

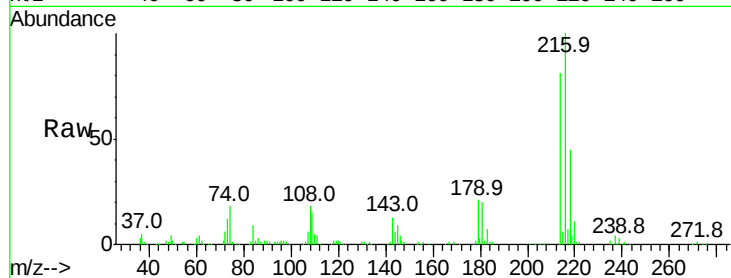
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 19.6 18.1 27.1

108 19.6 17.2 25.8

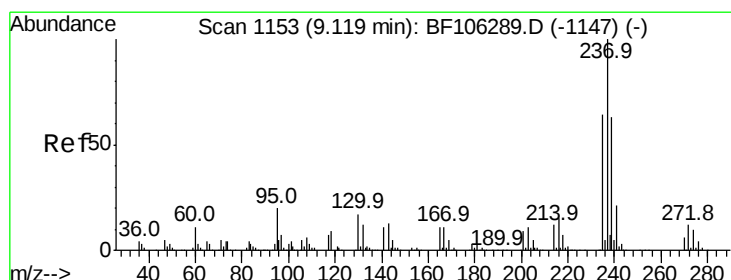
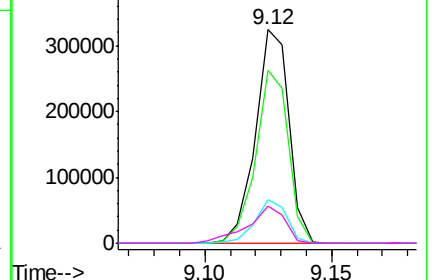
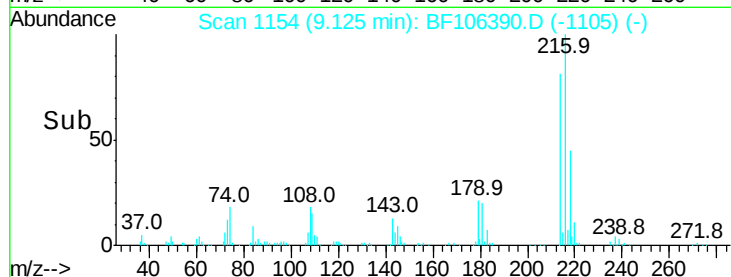


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.677 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

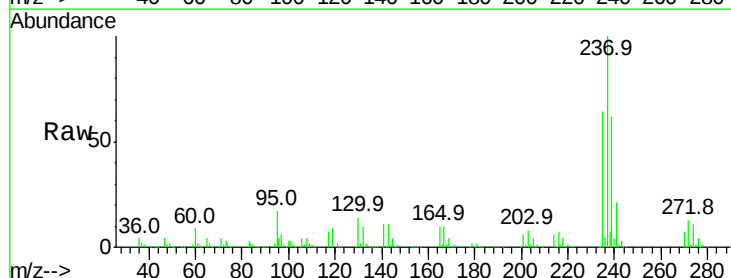
Tgt Ion:237 Resp: 351540

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

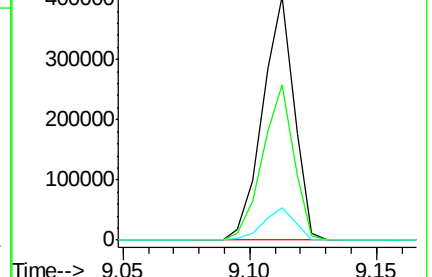
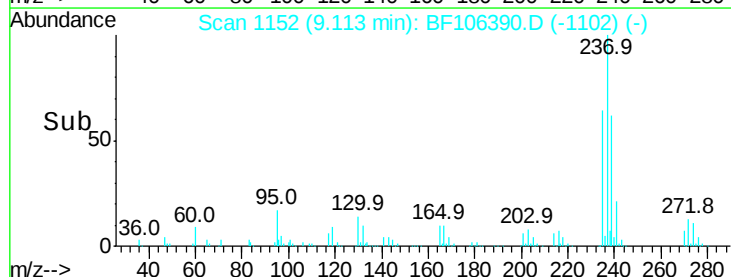
272 13.4 0.0 33.3

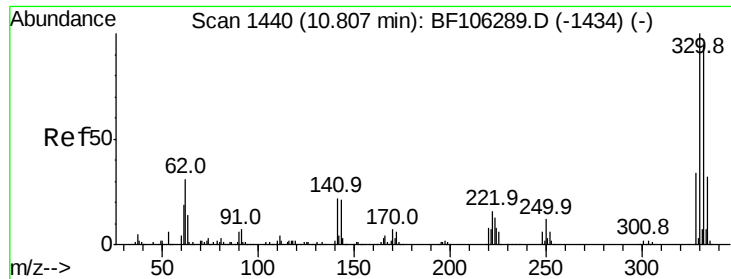


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 138.171 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

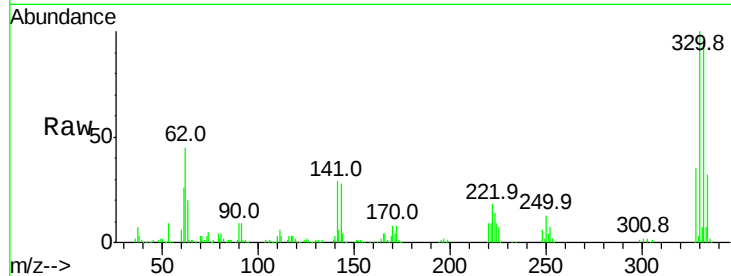
Tot Ion:330 Resp: 327488

Ion Ratio Lower Upper

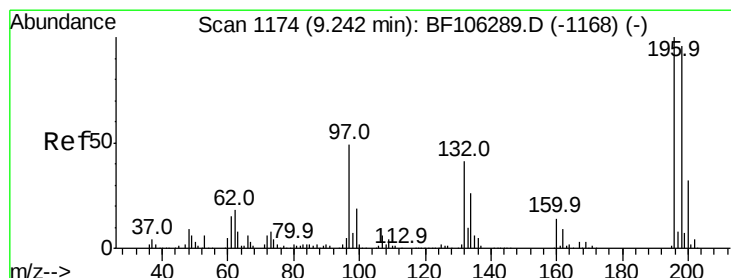
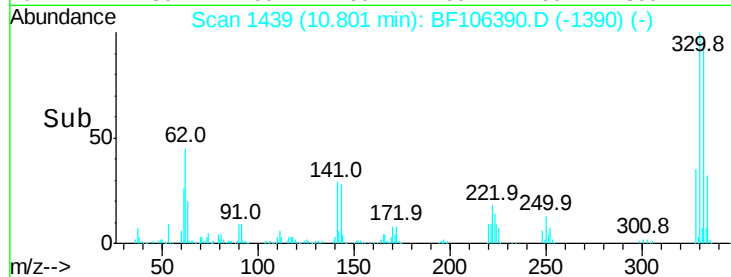
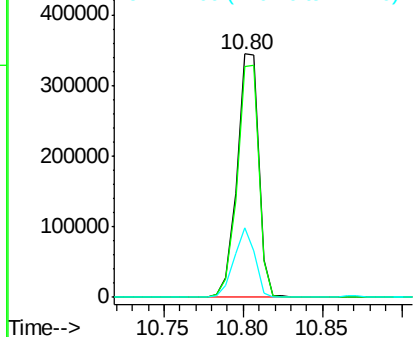
330 100

332 95.1 77.0 115.6

141 27.5 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: 40.655 ng

RT: 9.24 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

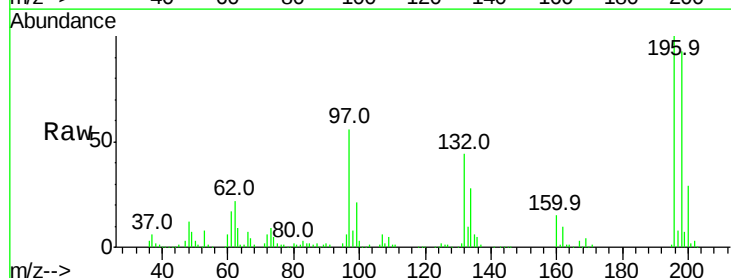
Tgt Ion:196 Resp: 207183

Ion Ratio Lower Upper

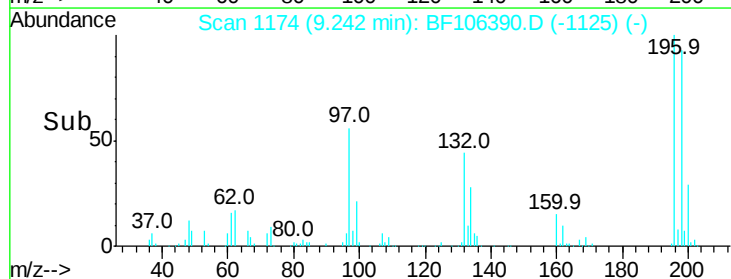
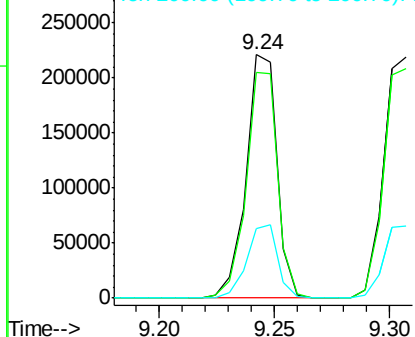
196 100

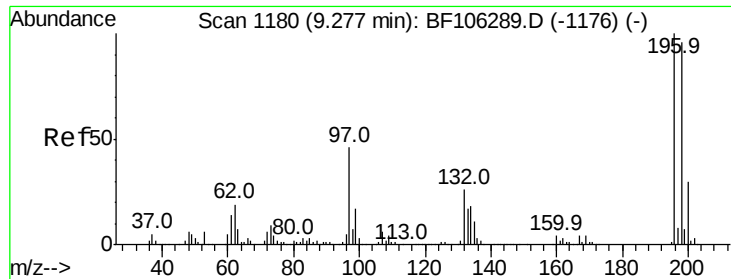
198 92.9 75.7 113.5

200 28.7 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

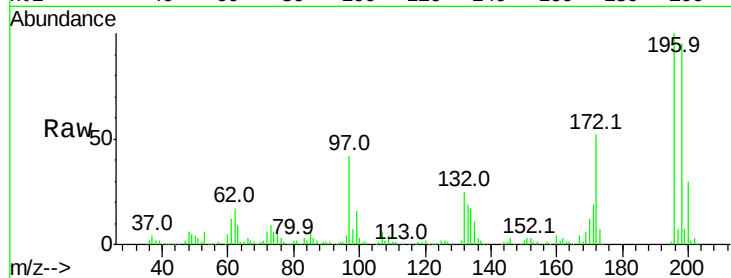




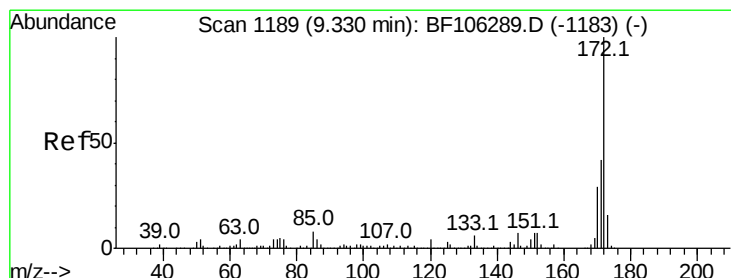
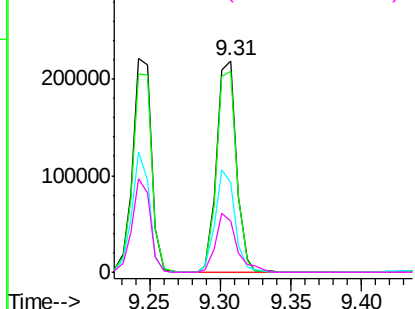
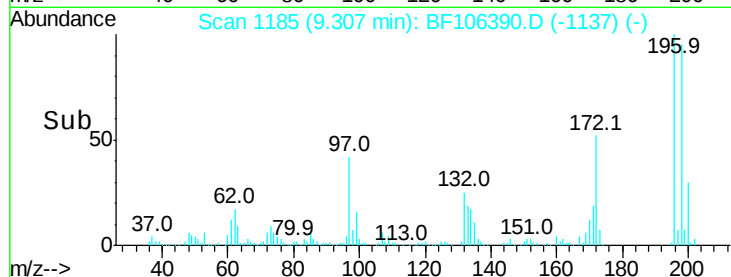
#43
 2,4,5-Trichlorophenol
 Concen: 39.008 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 214303
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 42.4 42.9 64.3#
 132 24.5 26.3 39.5#

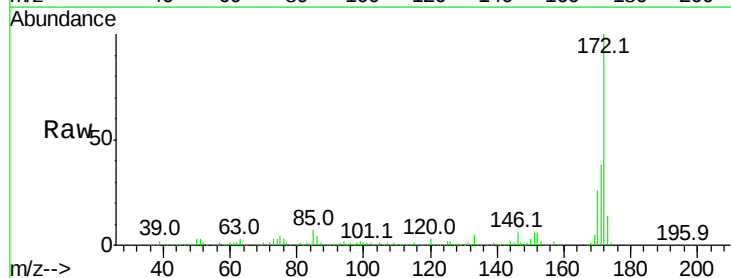


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

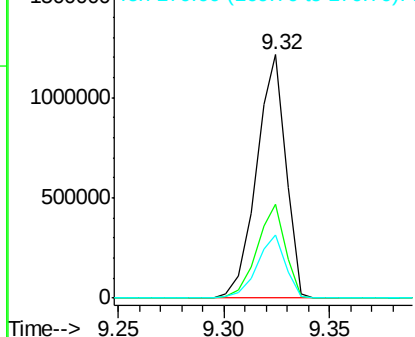
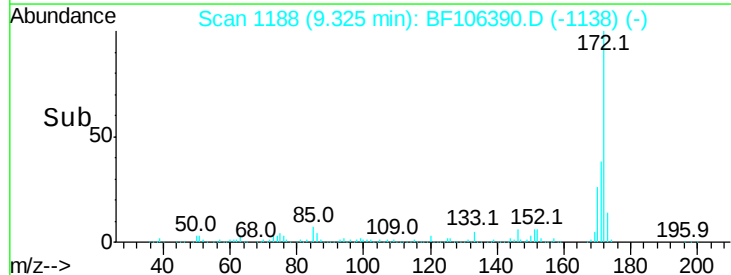


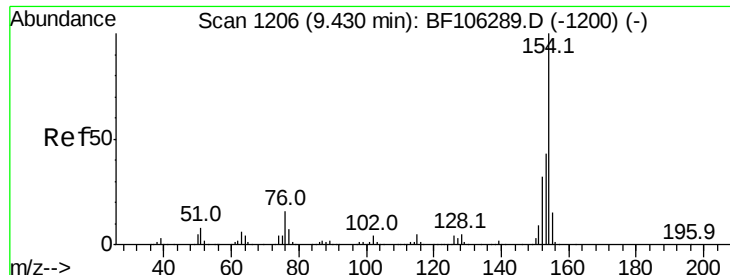
#44
 2-Fluorobiphenyl
 Concen: 83.830 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion:172 Resp: 1167897
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 26.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.626 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

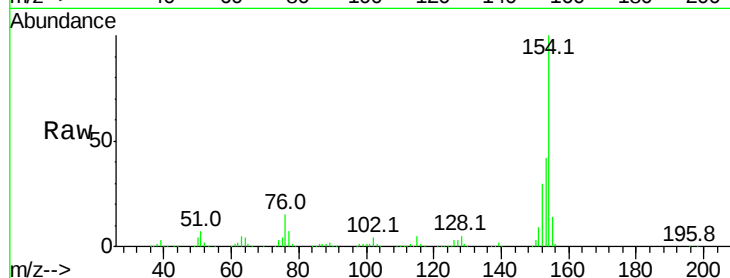
Tot Ion:154 Resp: 698814

Ion Ratio Lower Upper

154 100

153 42.1 21.3 61.3

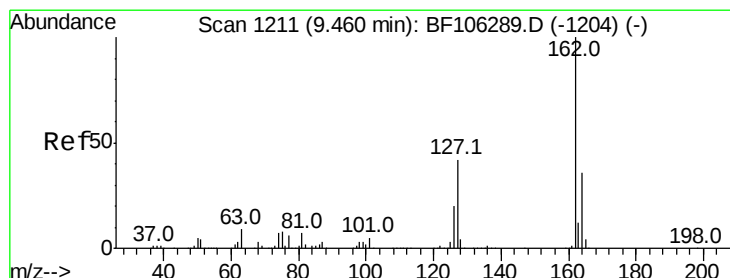
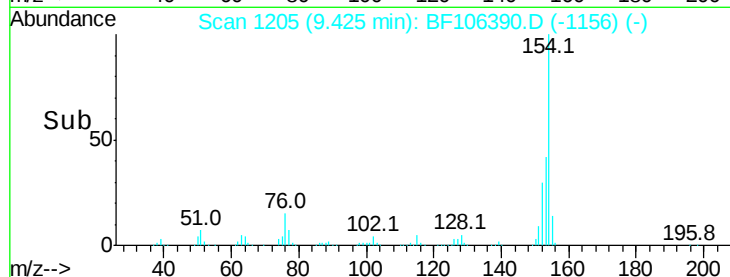
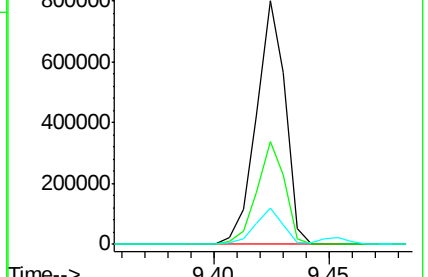
76 14.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.873 ng

RT: 9.45 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

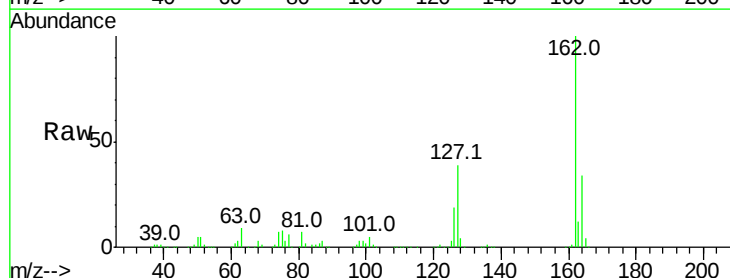
Tgt Ion:162 Resp: 563005

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

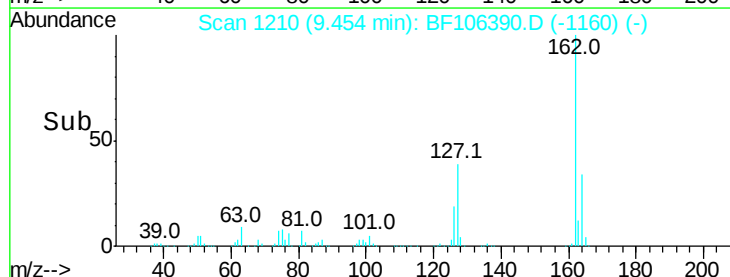
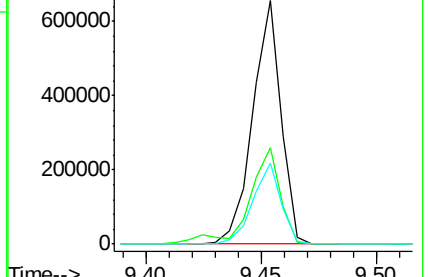
164 33.5 26.5 39.7

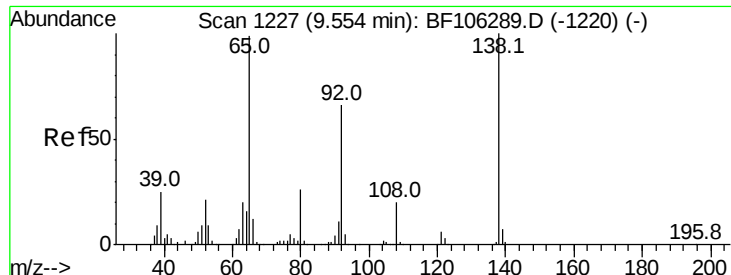


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

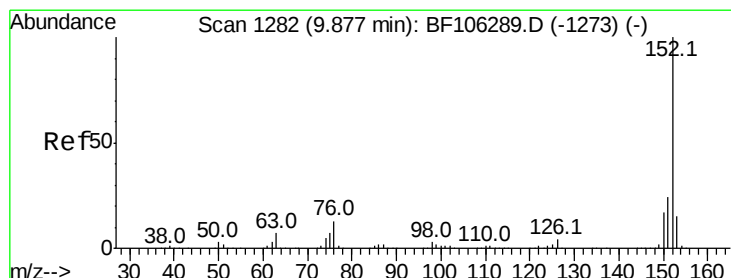
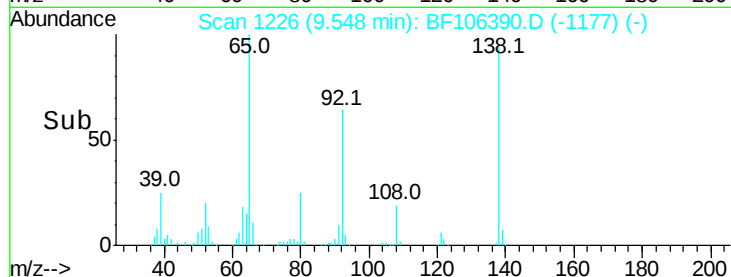
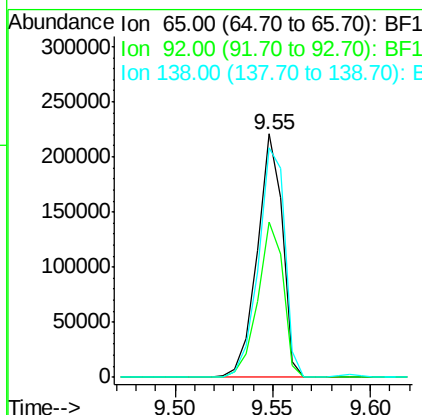
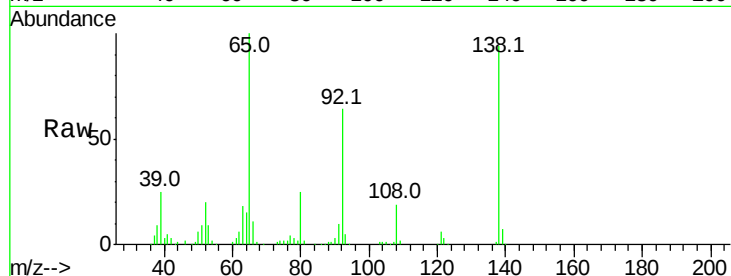




#47
2-Nitroaniline
Concen: 41.083 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

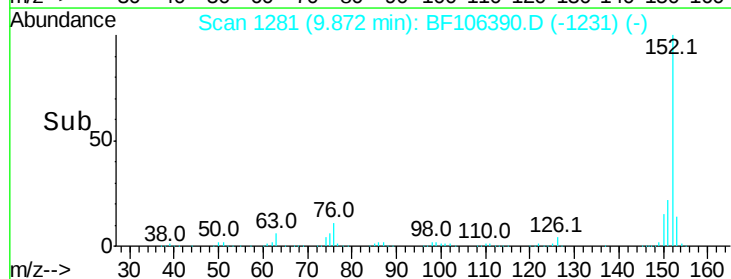
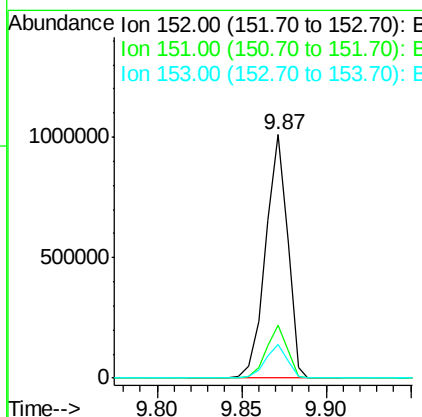
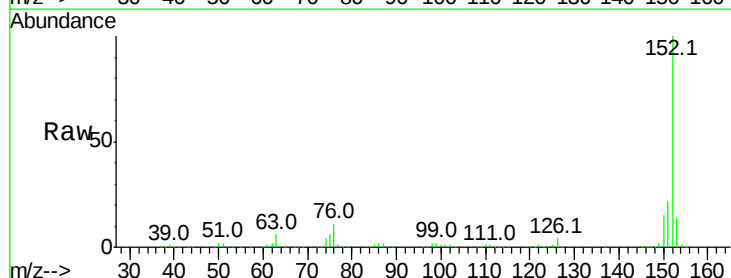
Instrument :
BNA_F
ClientSampleId :

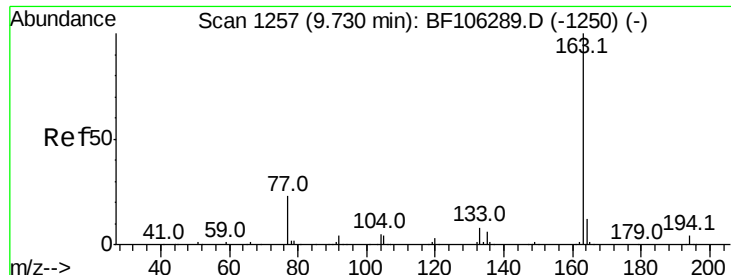
Tot Ion: 65 Resp: 197335
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 94.2 91.2 136.8



#48
Acenaphthylene
Concen: 38.848 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 152 Resp: 907922
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 14.0 10.7 16.1

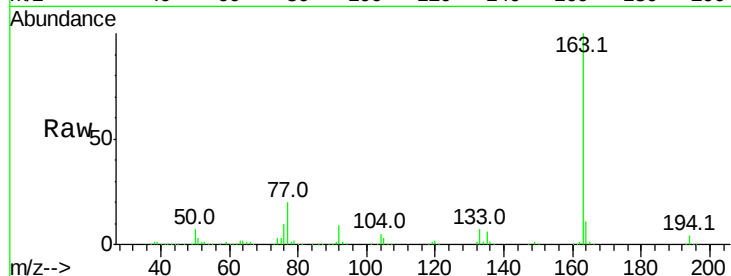




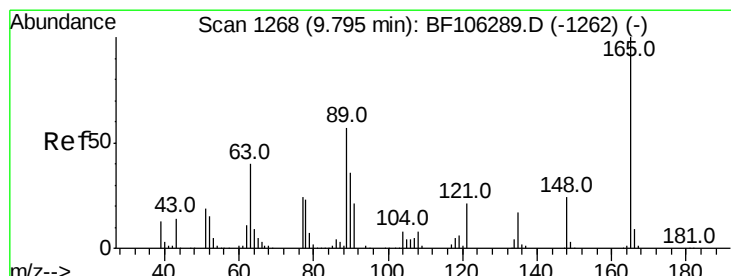
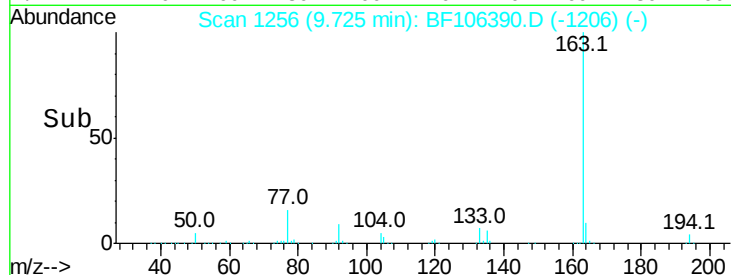
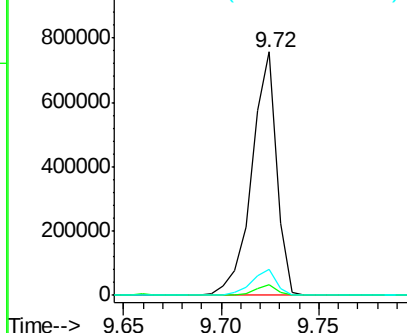
#49
Dimethylphthalate
Concen: 37.875 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 666566
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.5 8.2 12.2

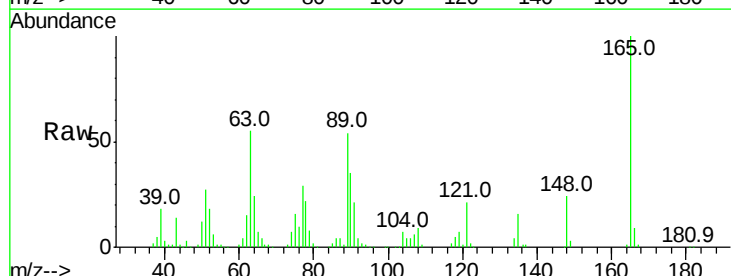


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

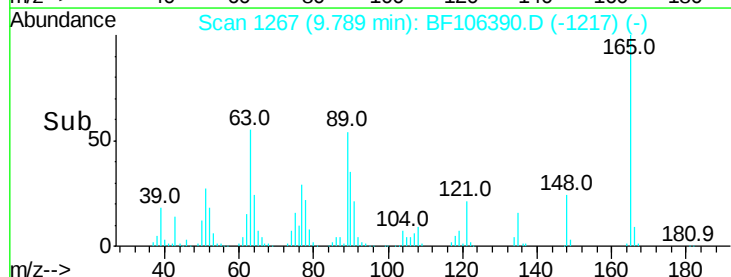
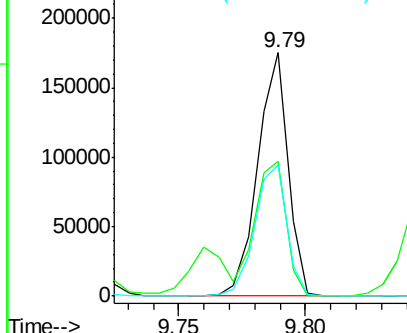


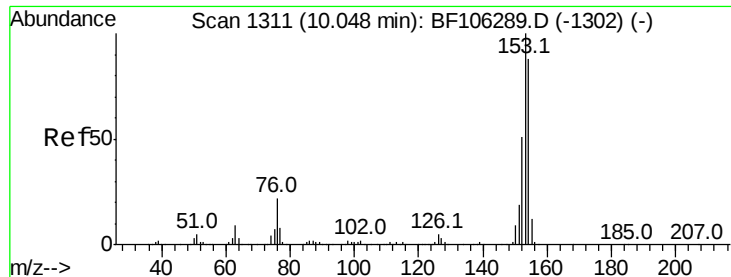
#50
2,6-Dinitrotoluene
Concen: 40.748 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:165 Resp: 146488
Ion Ratio Lower Upper
165 100
63 55.4 44.7 67.1
89 53.6 44.0 66.0



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





#51

Acenaphthene

Concen: 35.613 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

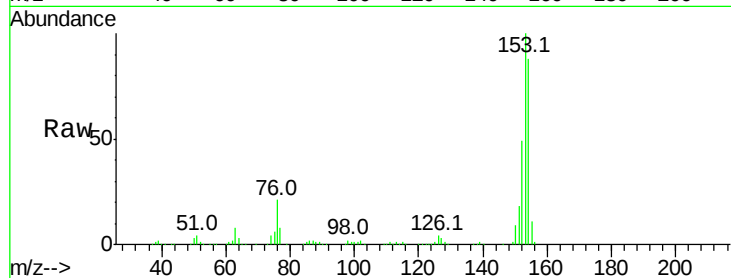
Tot Ion:154 Resp: 537507

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

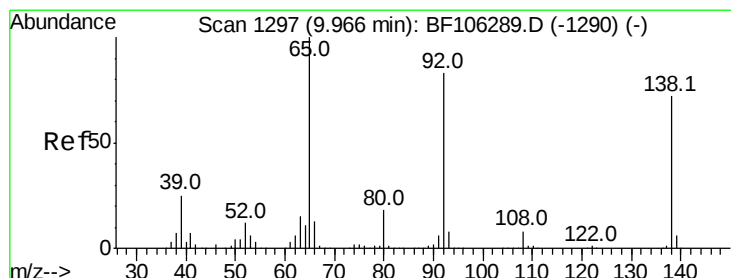
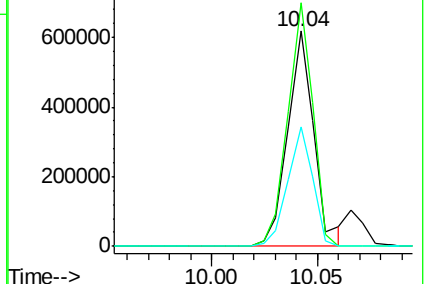
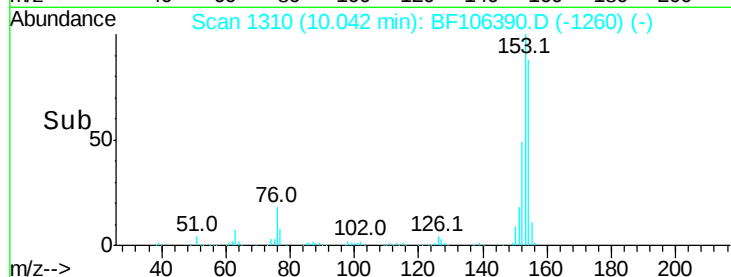
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.325 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

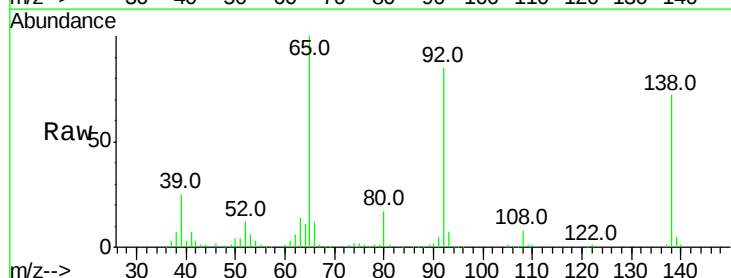
Tgt Ion:138 Resp: 112322

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

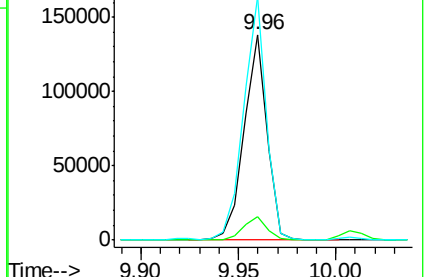
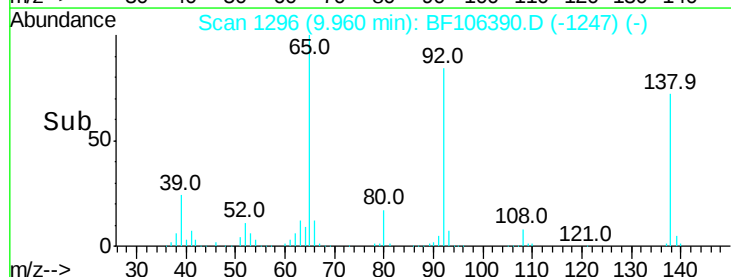
92 118.6 89.4 134.2

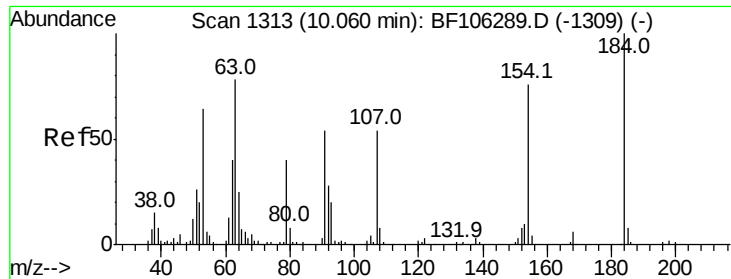


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

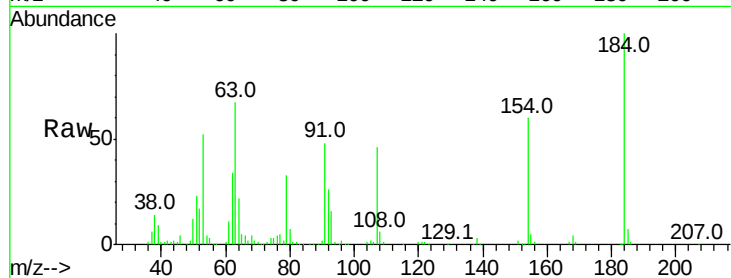




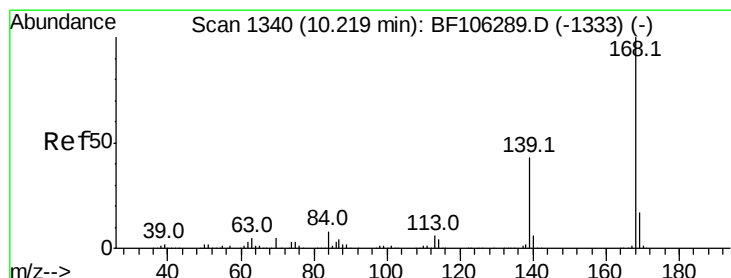
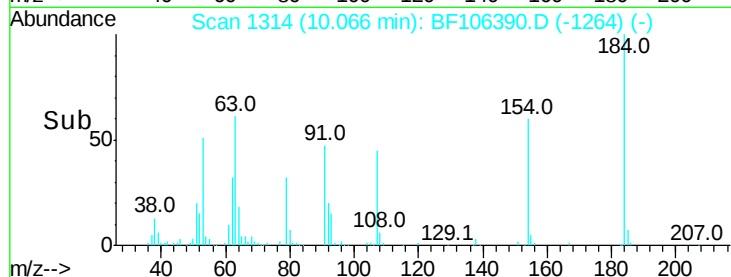
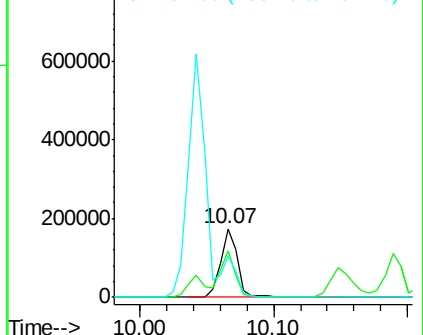
#53
2,4-Dinitrophenol
Concen: 94.053 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 158035
Ion Ratio Lower Upper
184 100
63 67.4 54.2 81.2
154 60.4 184.0 276.0#

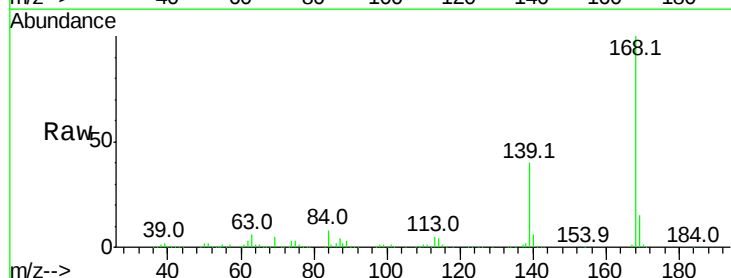


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

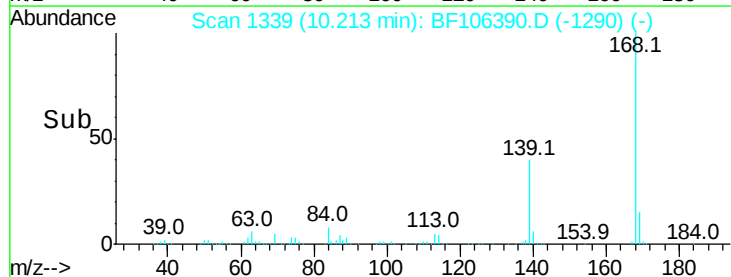
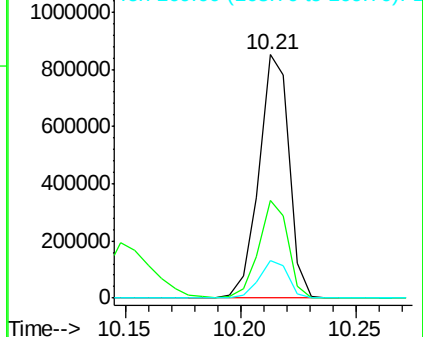


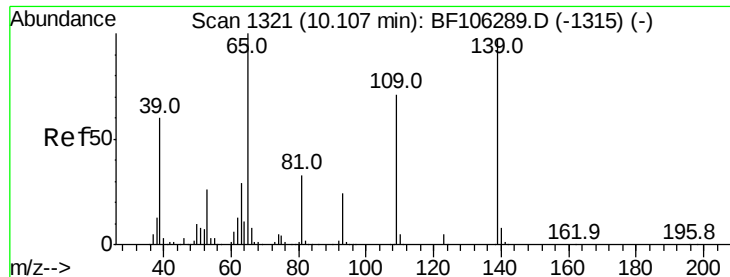
#54
Dibenzofuran
Concen: 38.184 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:168 Resp: 776070
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 15.4 10.9 16.3



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

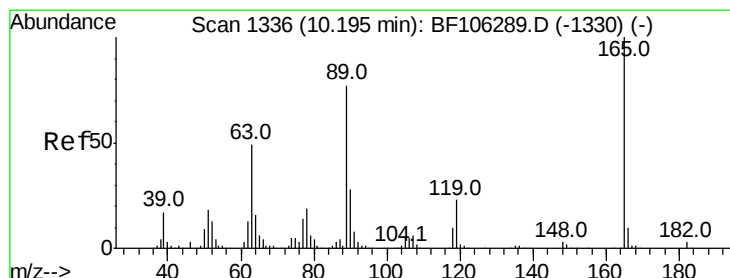
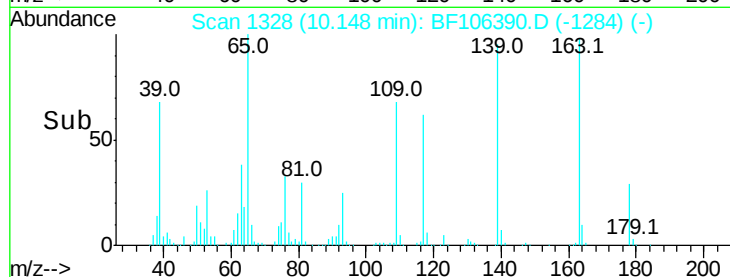
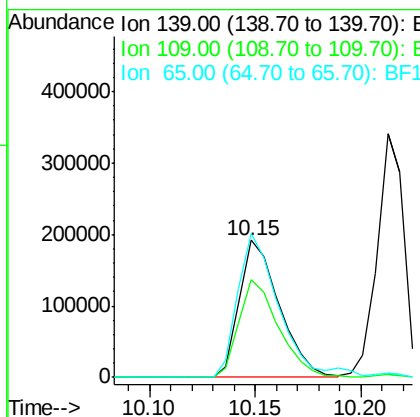
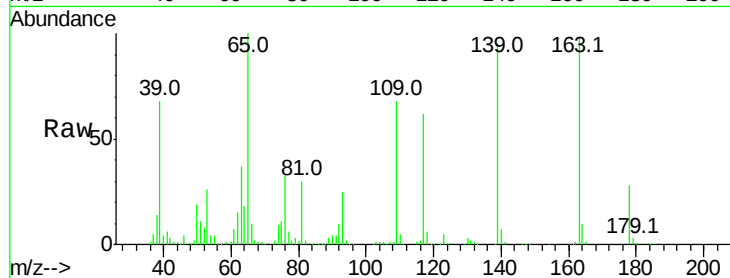




#55
4-Nitrophenol
Concen: 76.968 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

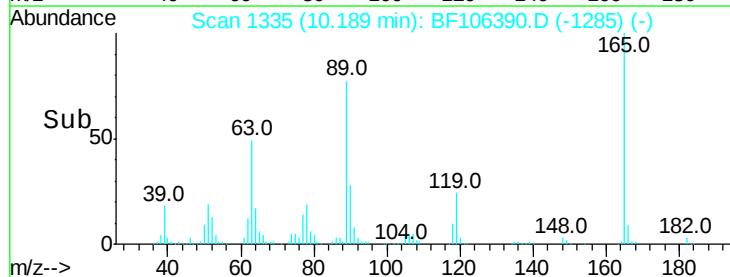
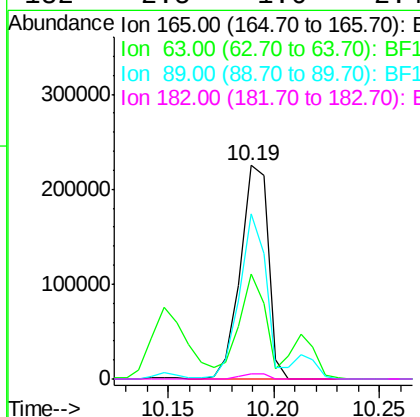
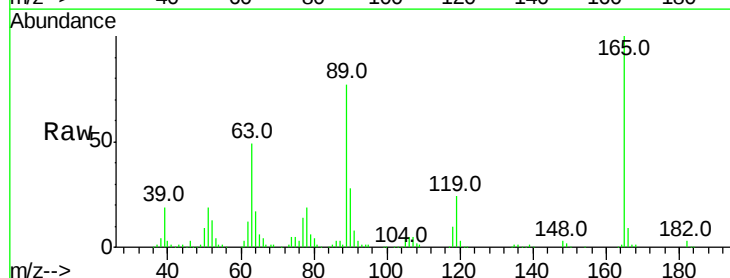
Instrument :
BNA_F
ClientSampleId :

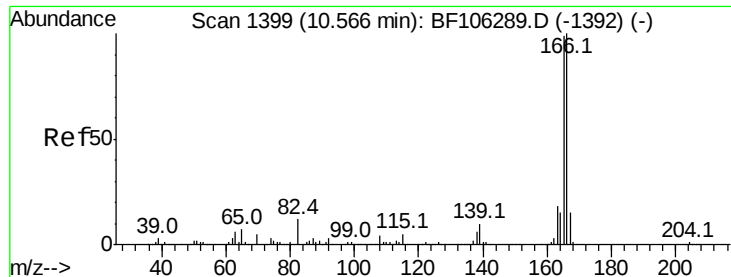
Tot Ion:139 Resp: 251723
Ion Ratio Lower Upper
139 100
109 71.3 48.4 88.4
65 104.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.716 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:165 Resp: 206381
Ion Ratio Lower Upper
165 100
63 48.9 36.4 54.6
89 77.0 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 38.284 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

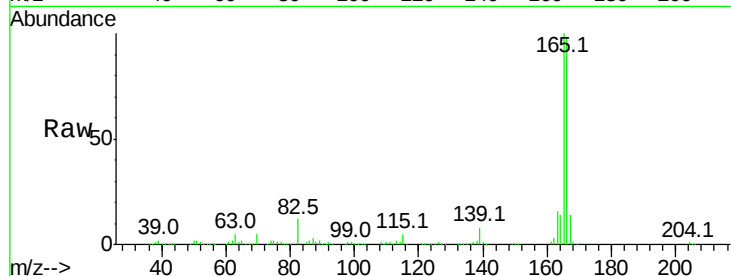
Tot Ion:166 Resp: 616484

Ion Ratio Lower Upper

166 100

165 101.8 79.8 119.8

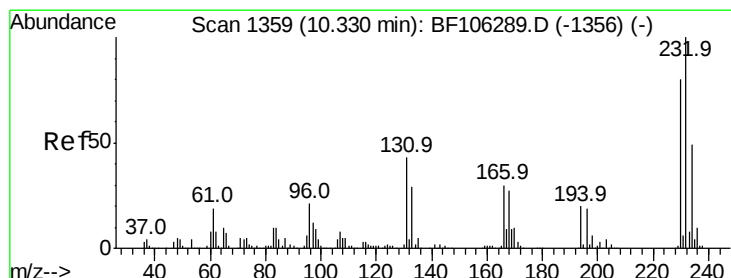
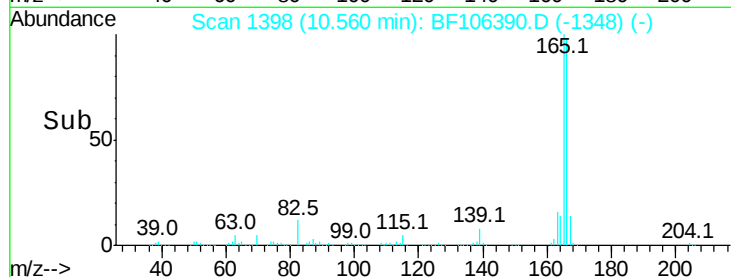
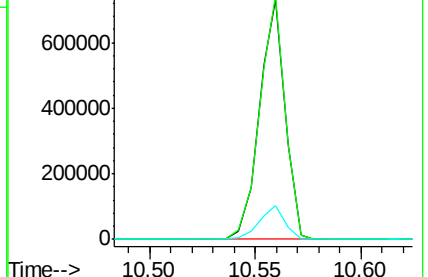
167 14.0 10.6 16.0



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: 43.611 ng

RT: 10.34 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:232 Resp: 189894

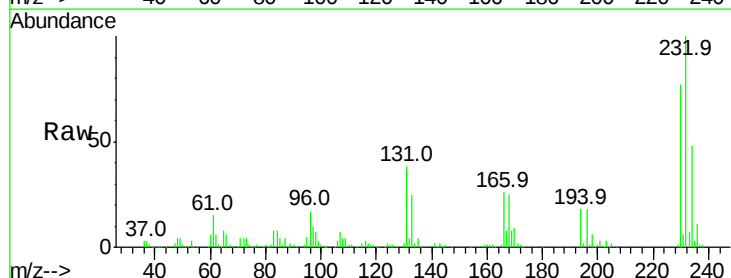
Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

130 1.9 2.1 3.1#

166 27.6 27.8 41.6#

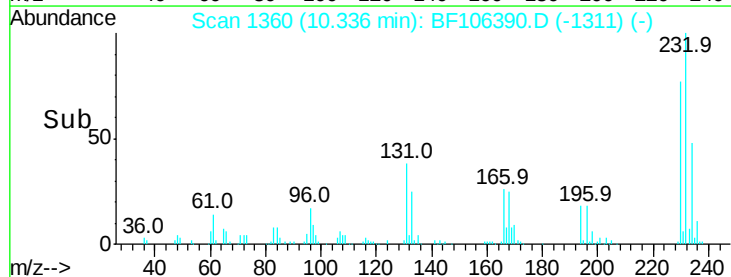
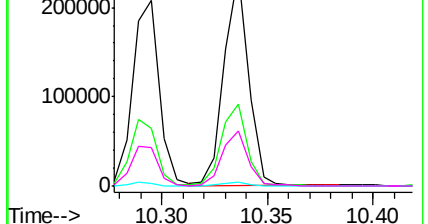


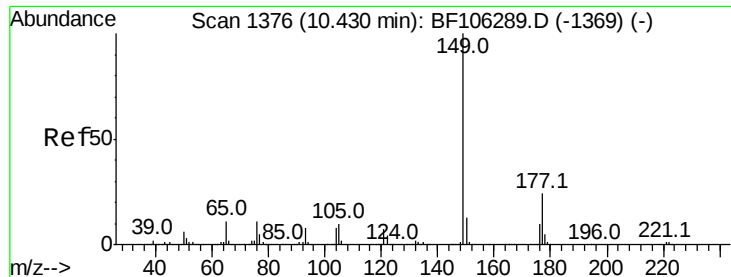
Abundance Ion 232.00 (231.70 to 232.70): E

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

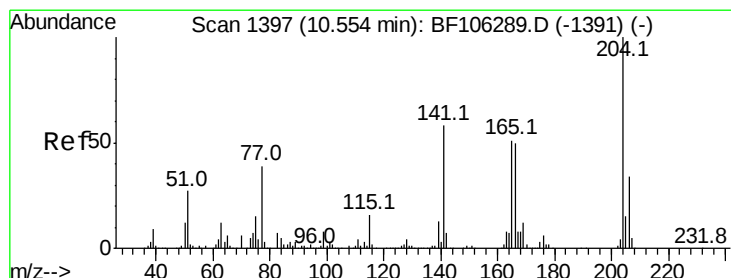
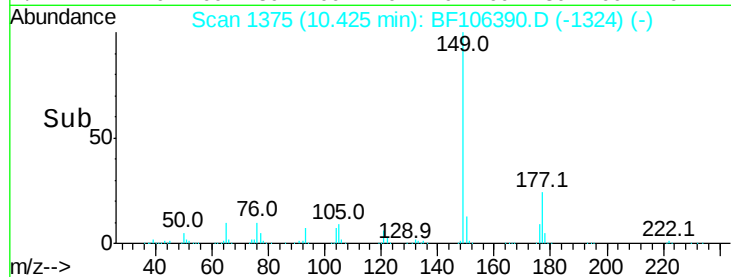
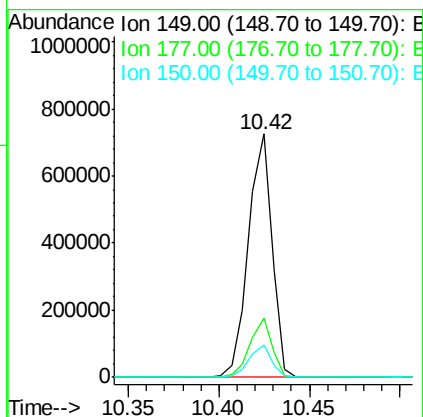
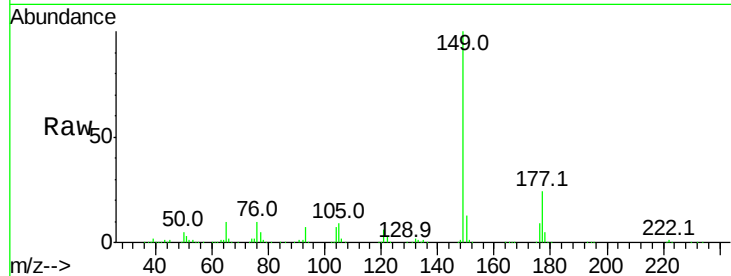




#59
Diethylphthalate
Concen: 37.748 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

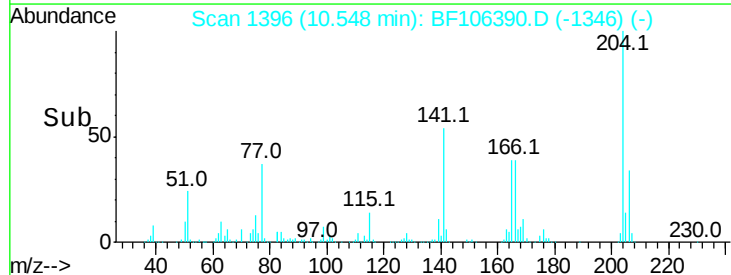
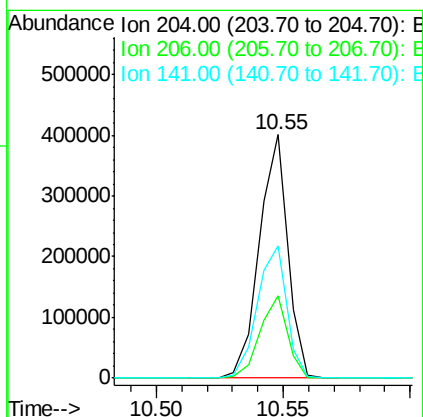
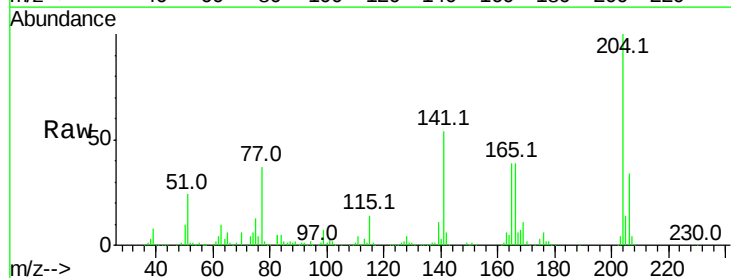
Instrument :
BNA_F
ClientSampled :

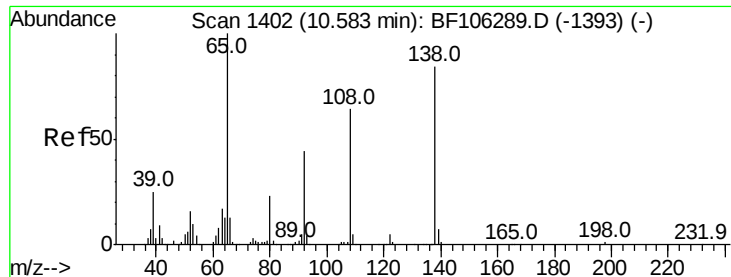
Tot Ion:149 Resp: 659385
Ion Ratio Lower Upper
149 100
177 24.1 16.1 24.1#
150 13.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.118 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:204 Resp: 314371
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 54.4 54.6 81.8#





#61

4-Nitroaniline

Concen: 41.754 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

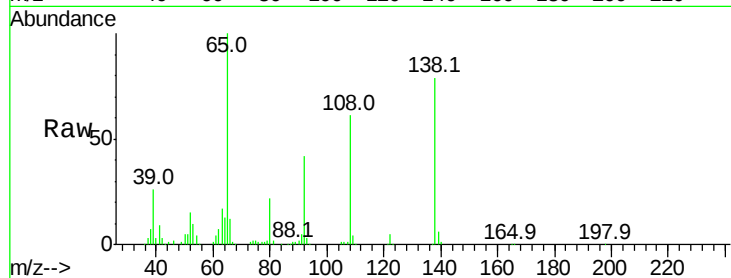
Tot Ion:138 Resp: 173332

Ion Ratio Lower Upper

138 100

92 53.2 30.2 70.2

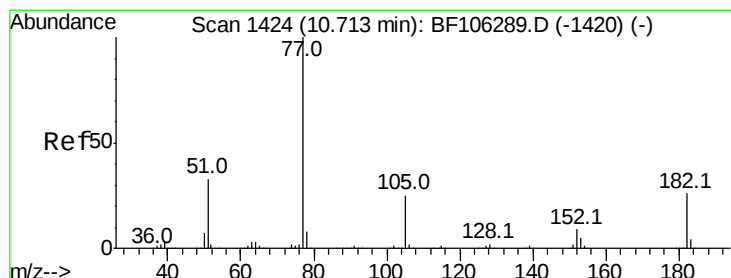
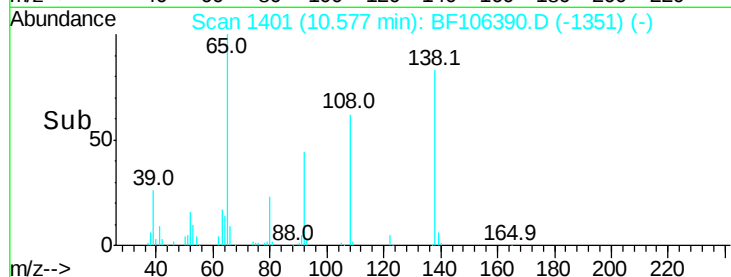
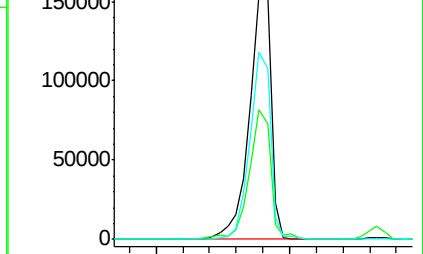
108 77.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.625 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion: 77 Resp: 685332

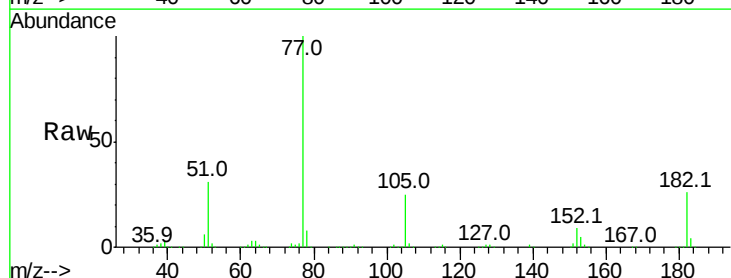
Ion Ratio Lower Upper

77 100

182 26.4 1.7 41.7

105 25.4 3.0 43.0

51 30.8 9.9 49.9

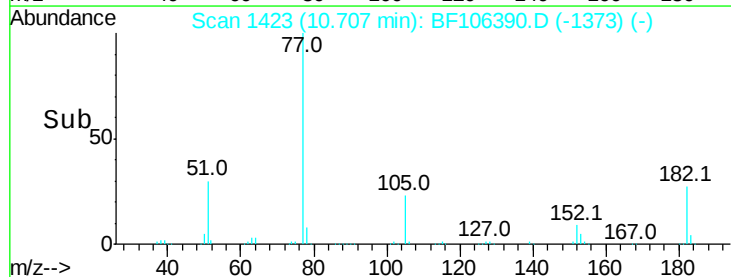
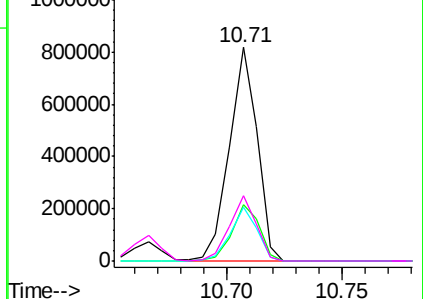


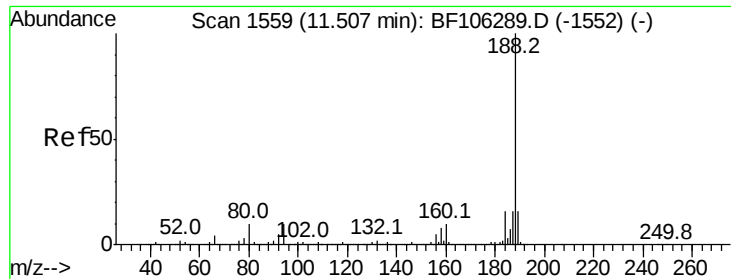
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

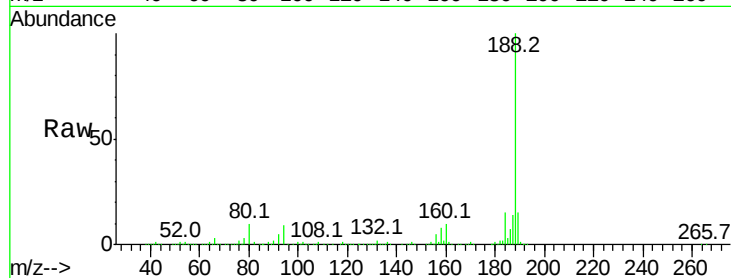




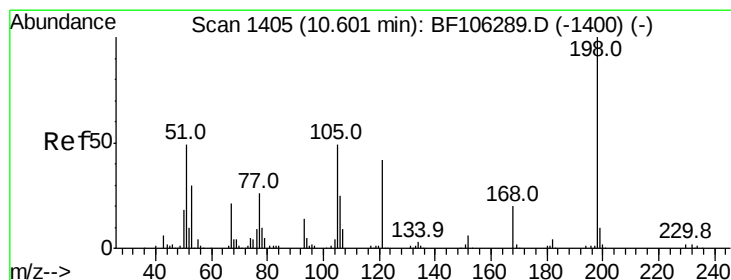
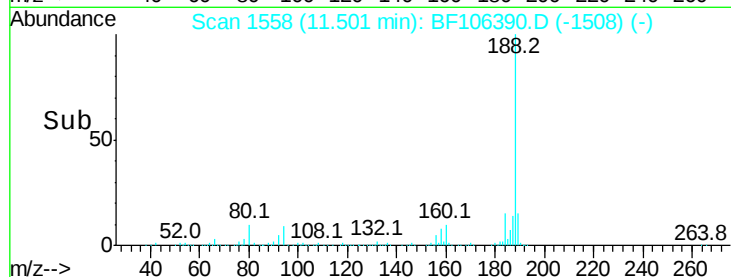
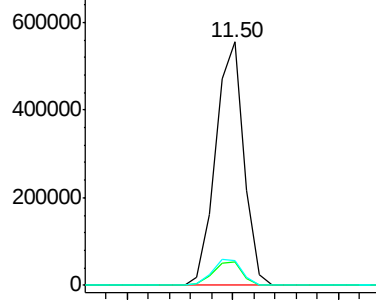
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 511722
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.2 13.8

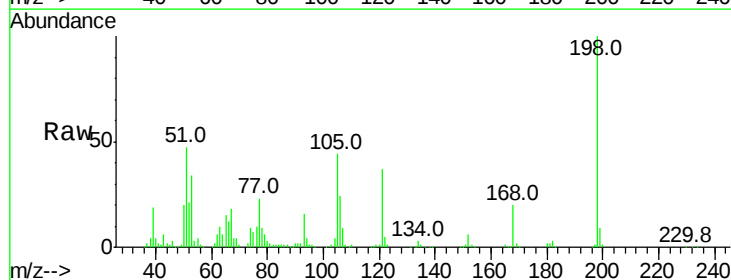


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

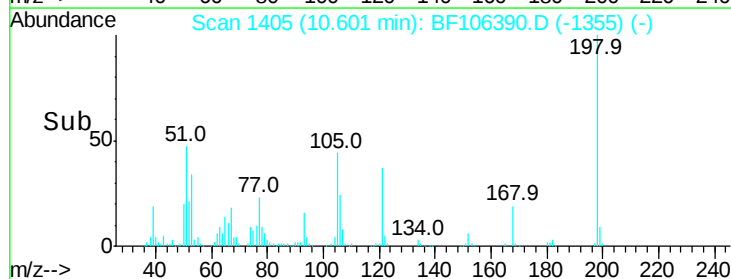
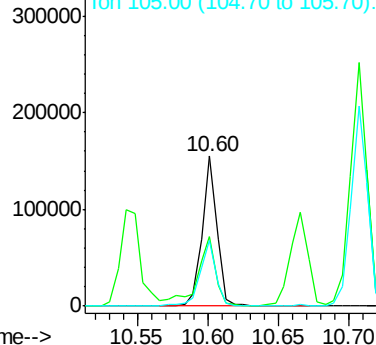


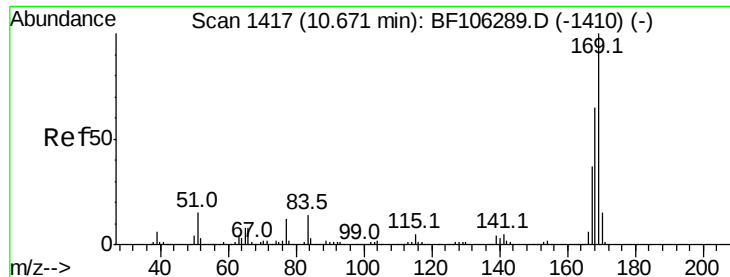
#64
4,6-Dinitro-2-methylphenol
Concen: 41.971 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:198 Resp: 113349
Ion Ratio Lower Upper
198 100
51 46.6 37.7 77.7
105 43.9 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: 34.281 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

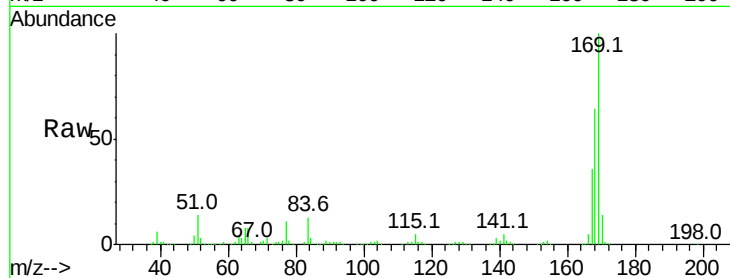
Tot Ion:169 Resp: 589564

Ion Ratio Lower Upper

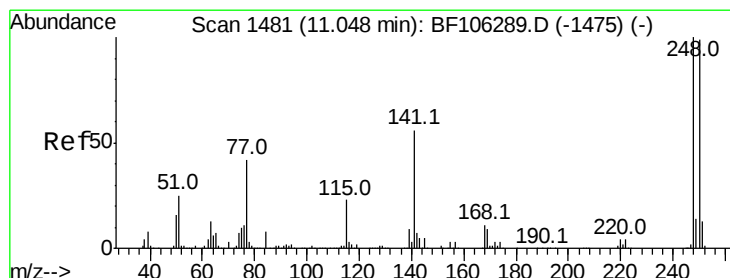
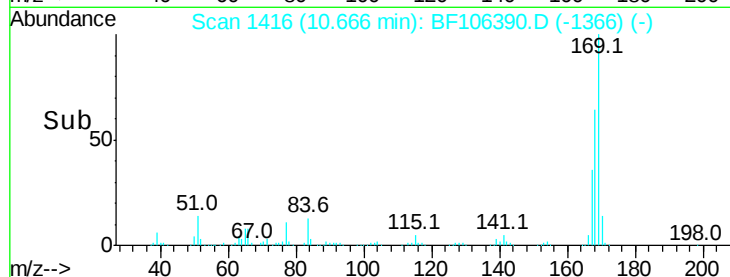
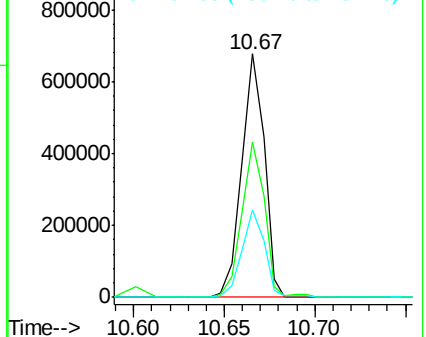
169 100

168 63.7 54.4 81.6

167 36.0 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 37.338 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

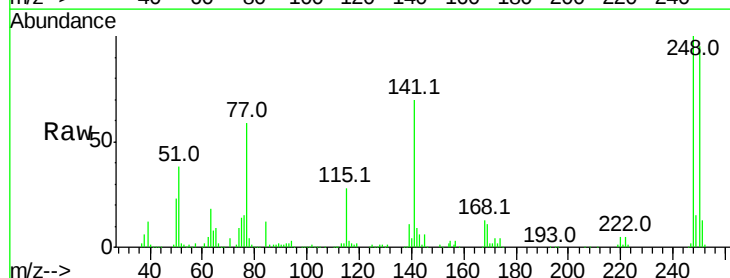
Tgt Ion:248 Resp: 217318

Ion Ratio Lower Upper

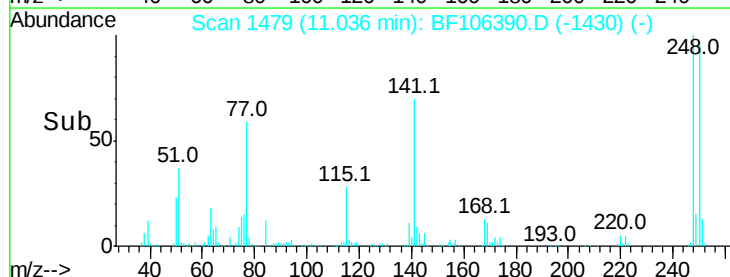
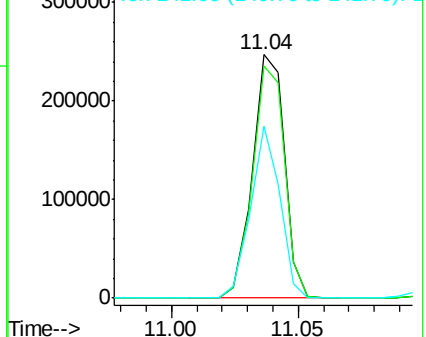
248 100

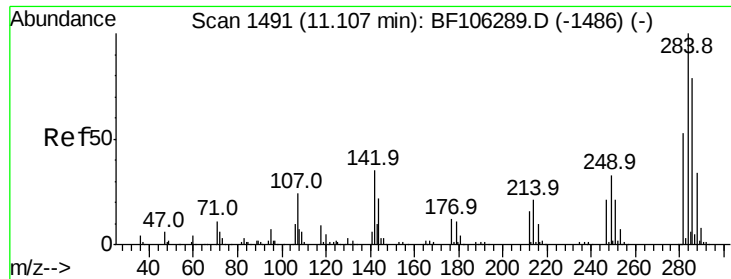
250 95.4 76.9 115.3

141 70.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

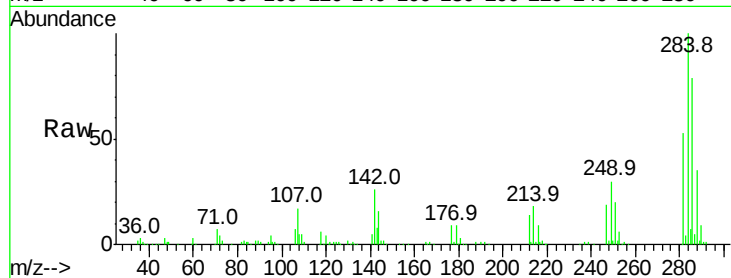




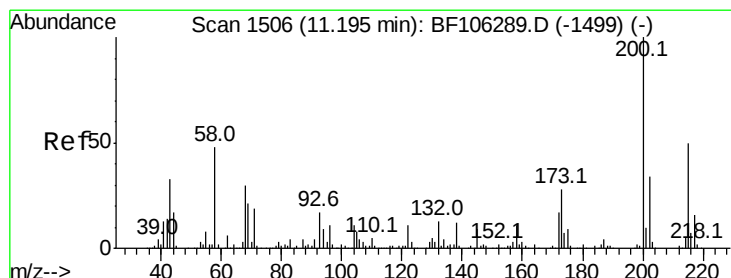
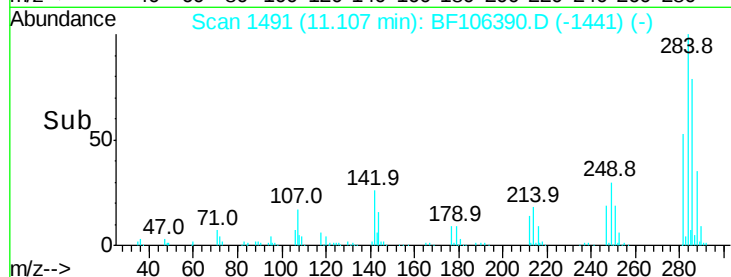
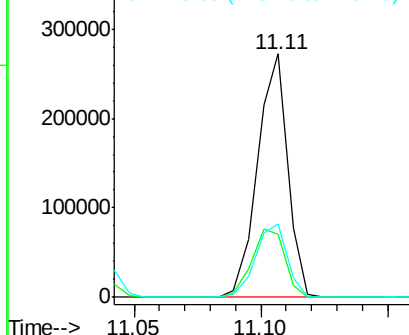
#67
Hexachlorobenzene
Concen: 37.836 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.0	34.6	52.0#
249	30.1	24.8	37.2

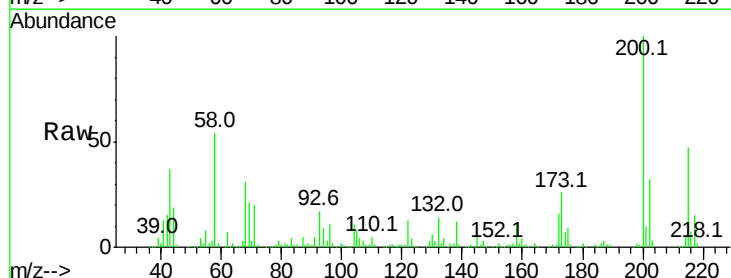


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

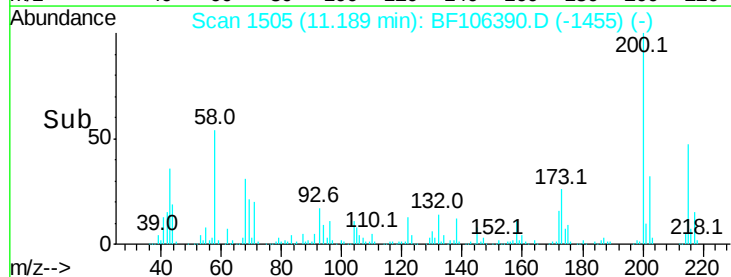
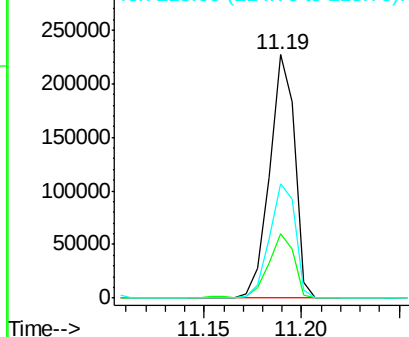


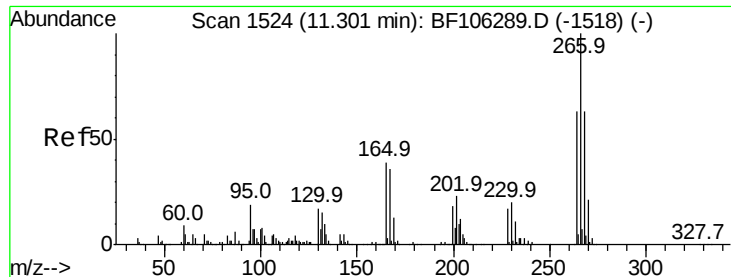
#68
Atrazine
Concen: 38.002 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.6	48.6
215	47.0	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

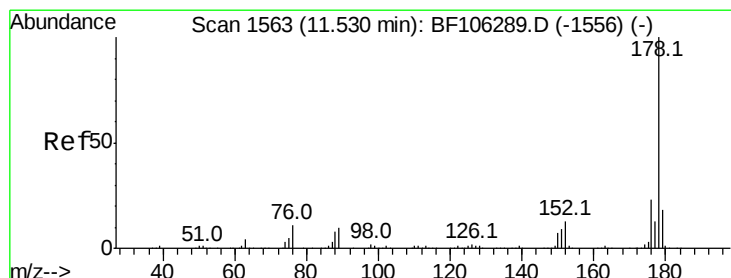
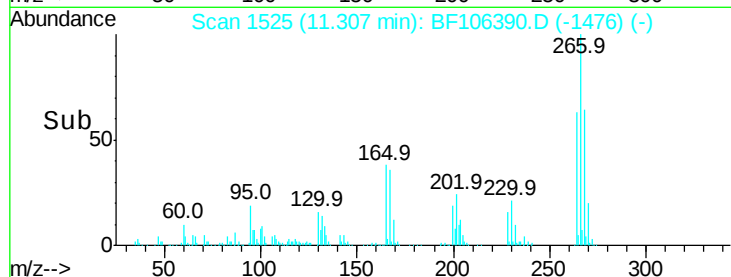
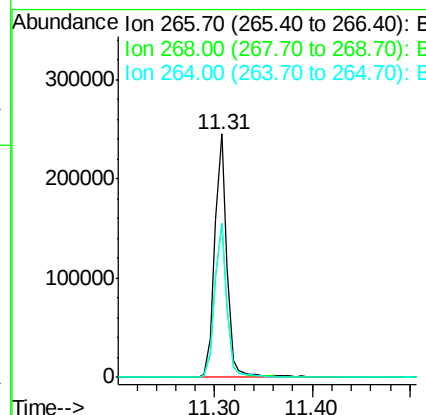
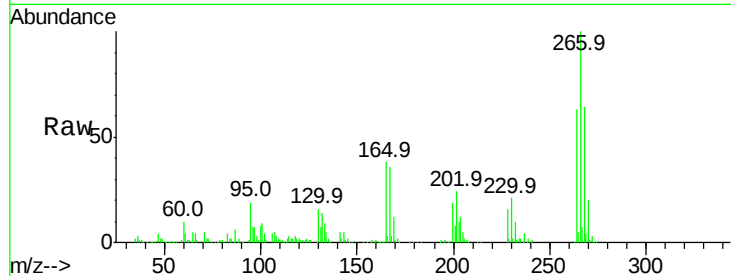




#69
 Pentachlorophenol
 Concen: 58.160 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

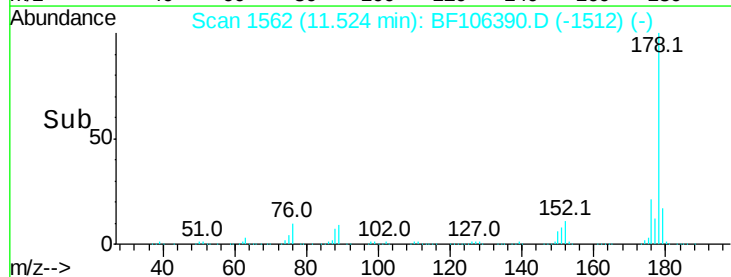
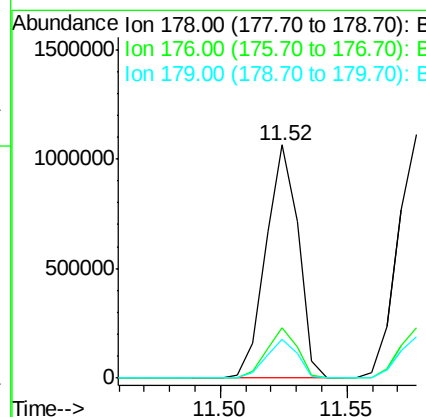
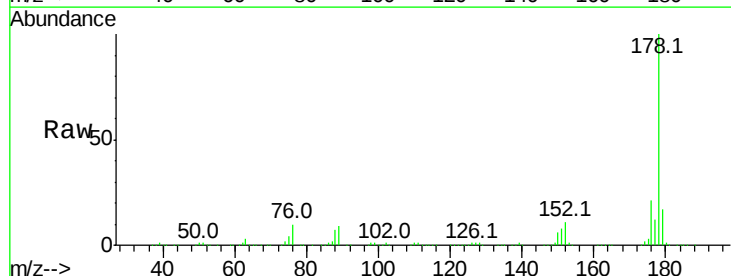
Instrument :
 BNA_F
 ClientSampleId :

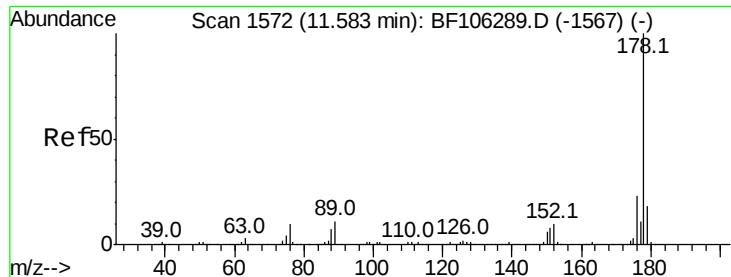
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.4	49.5	74.3



#70
 Phenanthrene
 Concen: 38.014 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	16.7	13.0	19.6

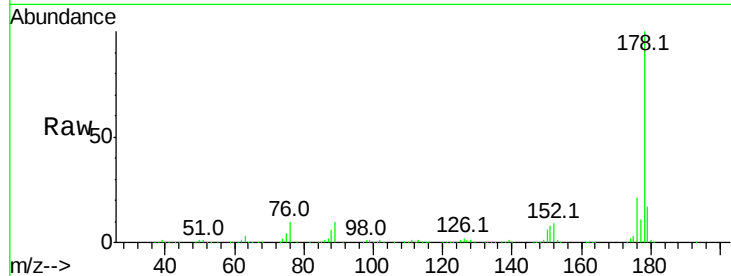




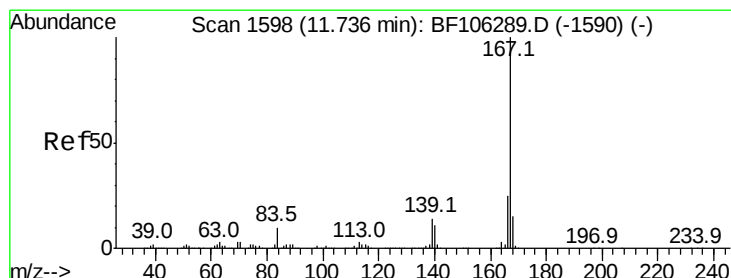
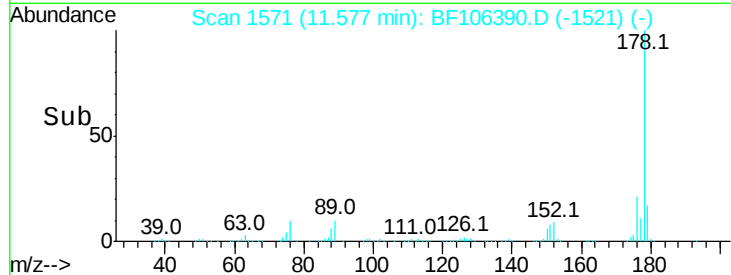
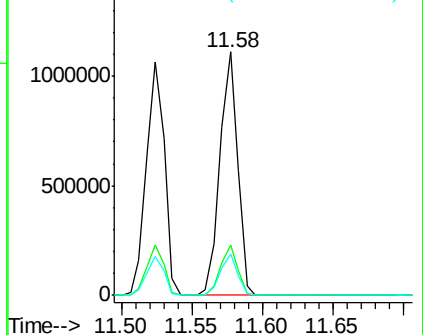
#71
 Anthracene
 Concen: 38.814 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 974479
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.8 12.6 19.0

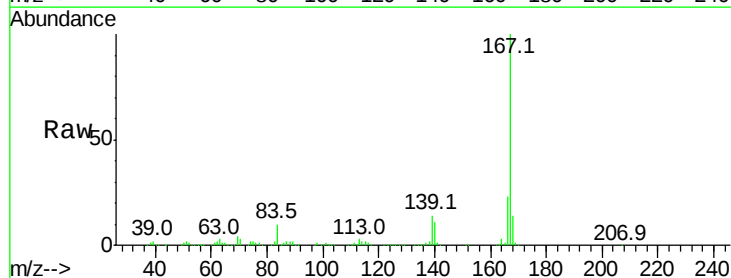


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

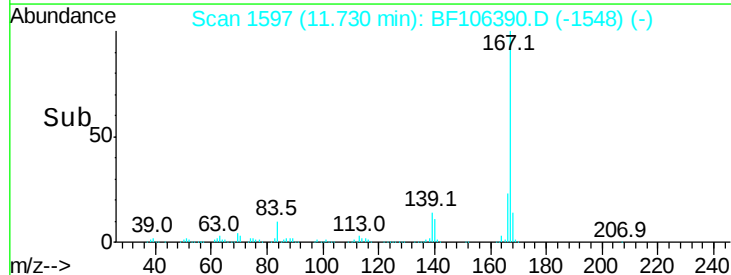
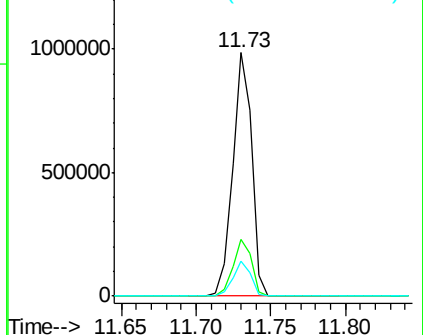


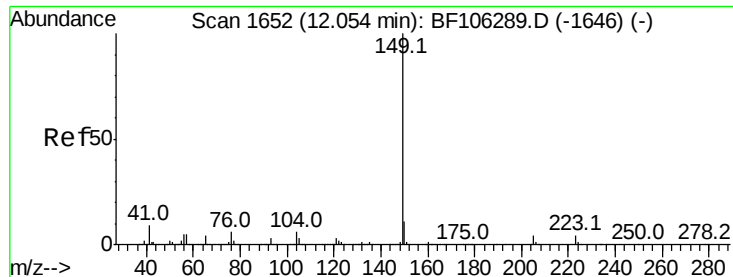
#72
 Carbazole
 Concen: 38.367 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion:167 Resp: 889302
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

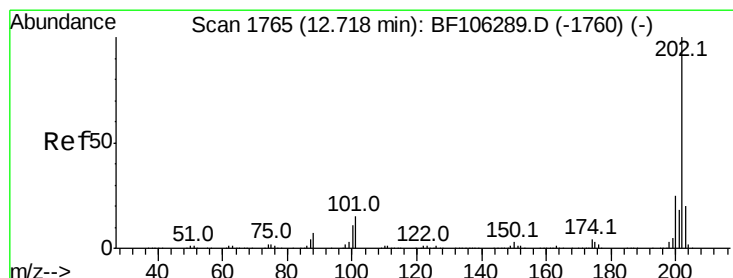
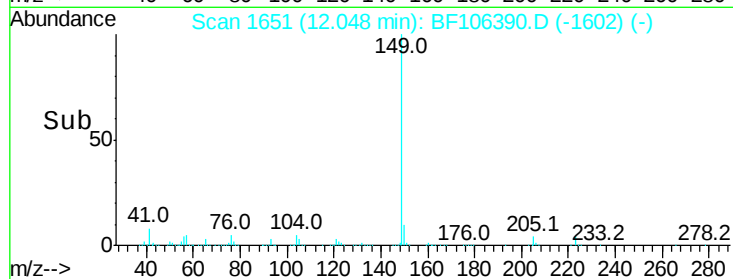
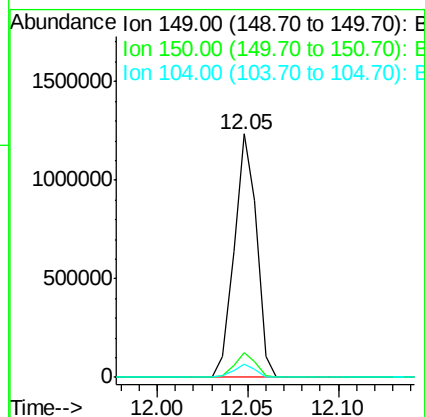
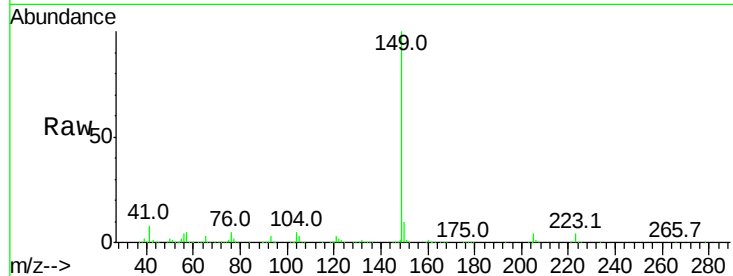




#73
Di-n-butylphthalate
Concen: 40.939 ng
RT: 12.05 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

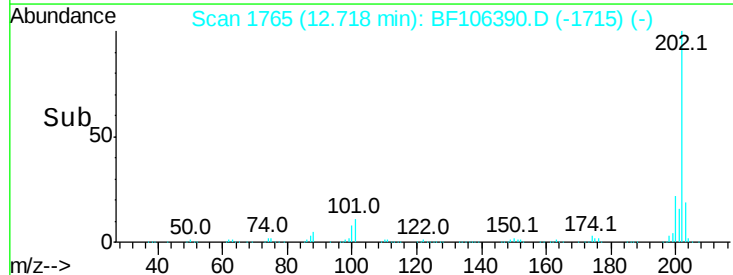
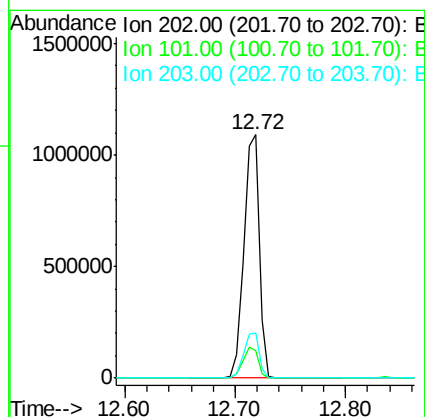
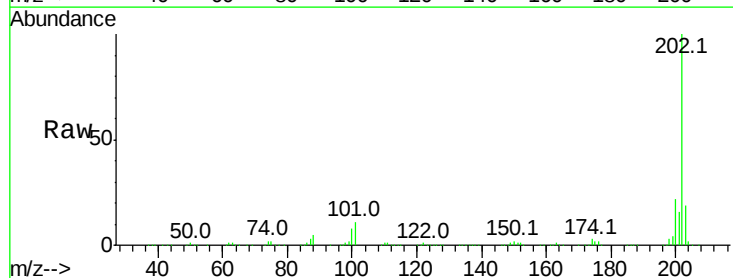
Instrument :
BNA_F
ClientSampleId :

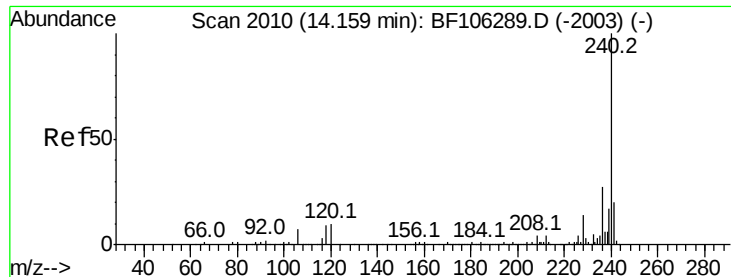
Tot Ion:149 Resp: 1056109
Ion Ratio Lower Upper
149 100
150 10.2 7.8 11.6
104 5.5 3.8 5.8



#74
Fluoranthene
Concen: 40.114 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:202 Resp: 1072095
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.1
203 18.7 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: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

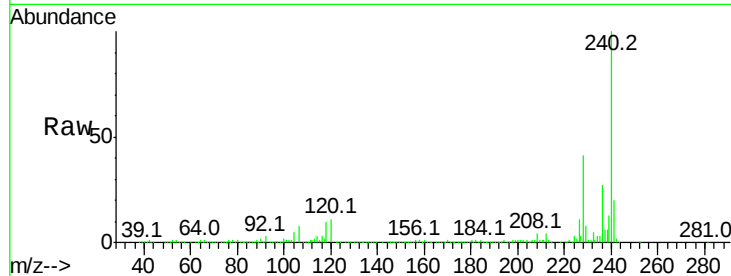
Tot Ion:240 Resp: 454856

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

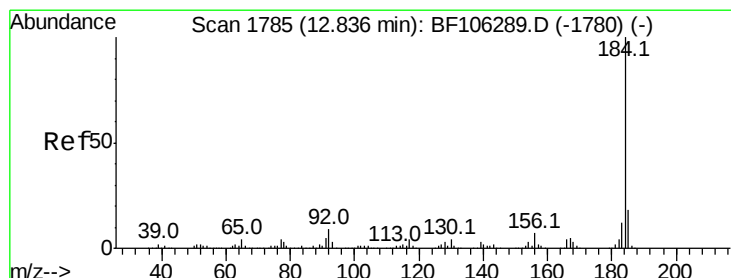
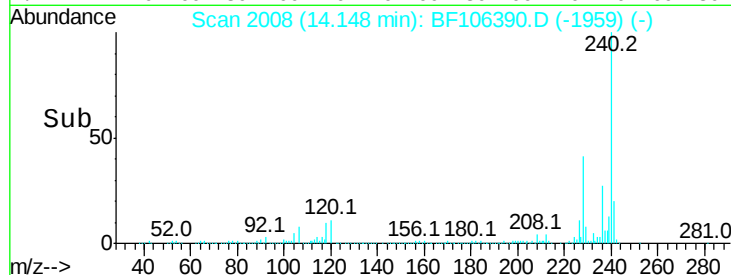
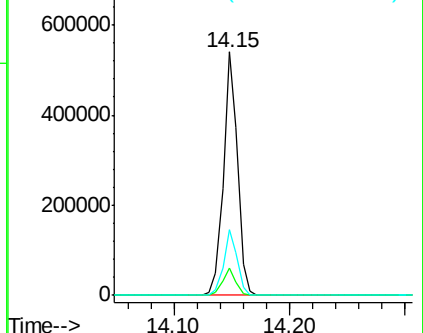
236 27.0 20.7 31.1



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: 43.404 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

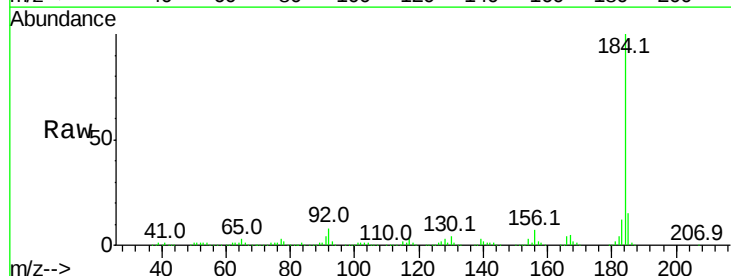
Tgt Ion:184 Resp: 657054

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

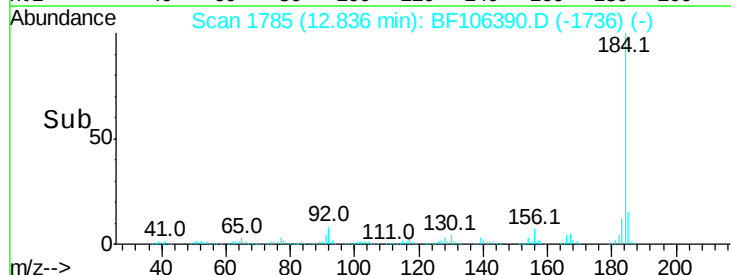
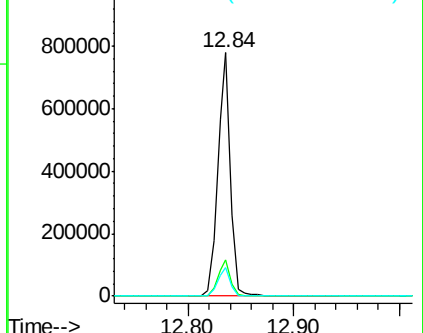
183 11.9 9.3 13.9

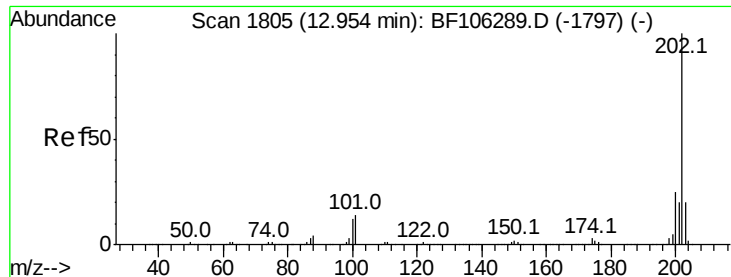


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.953 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

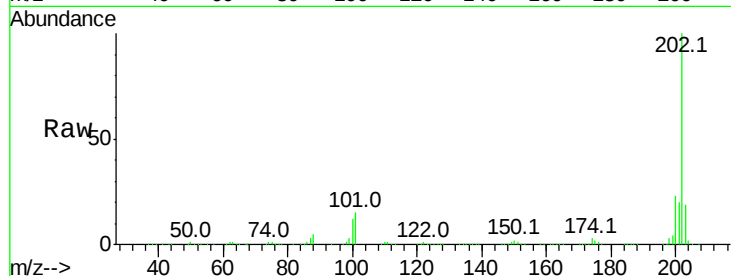
Tot Ion:202 Resp: 1080784

Ion Ratio Lower Upper

202 100

200 23.4 17.4 26.2

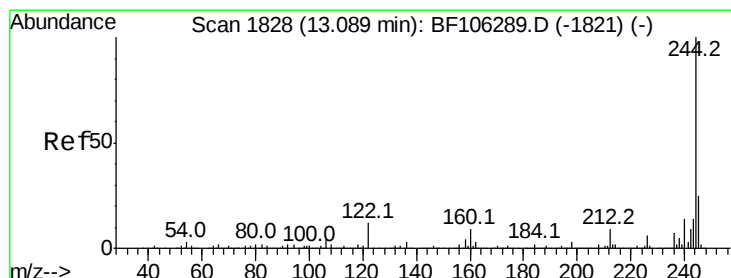
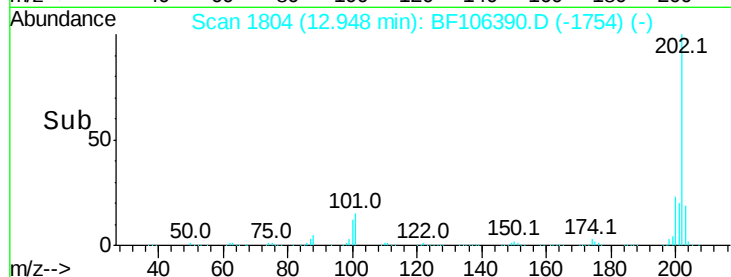
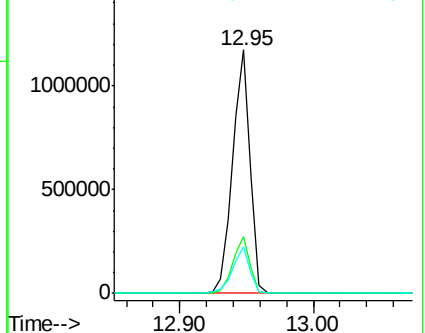
203 19.3 14.3 21.5



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: 82.431 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

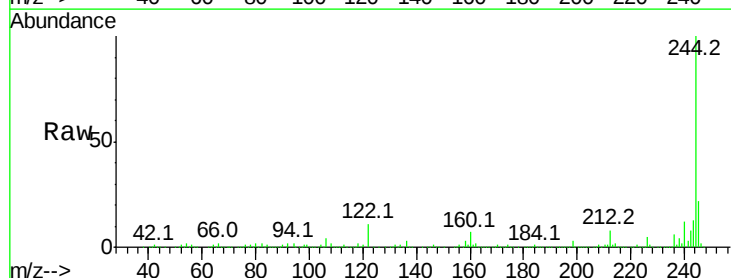
Tgt Ion:244 Resp: 1509565

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

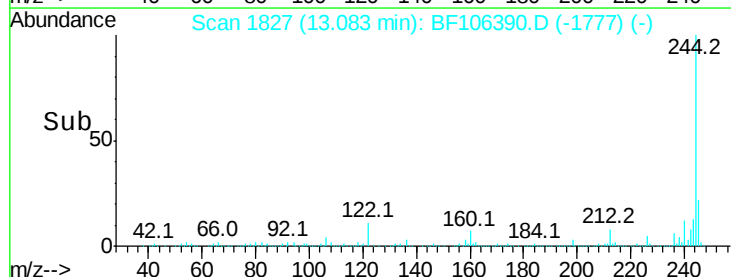
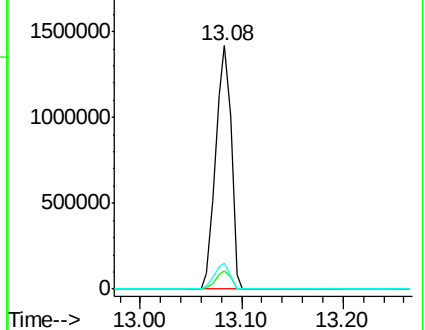
122 10.7 11.0 16.4#

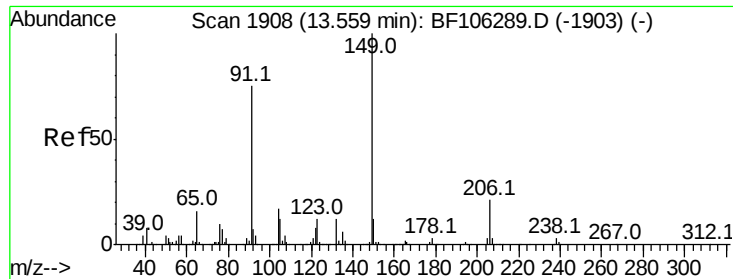


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

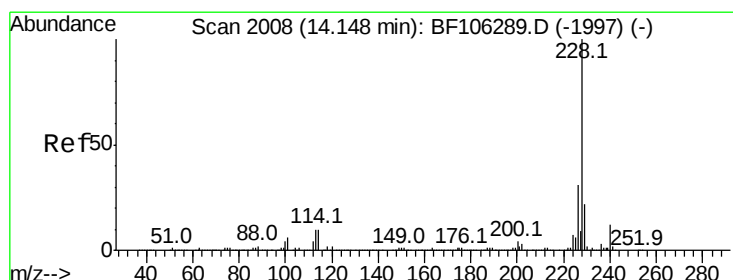
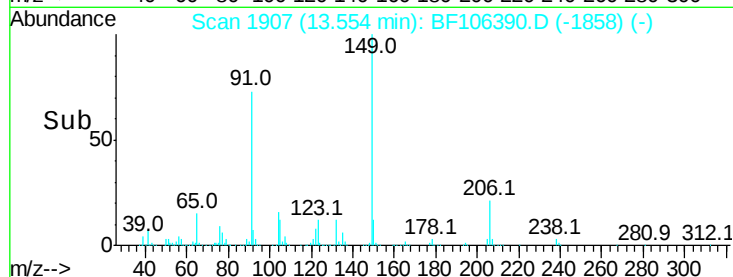
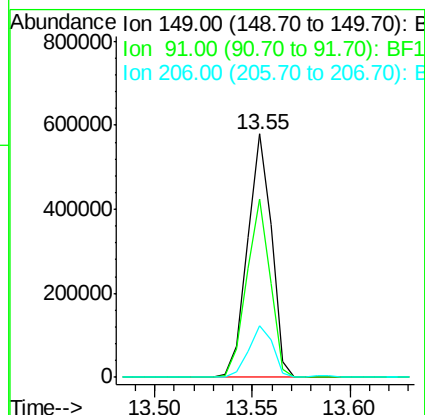
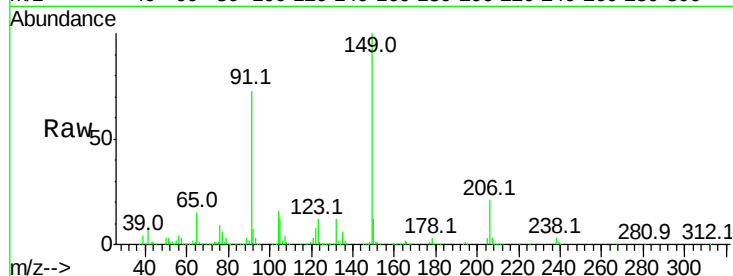




#79
Butylbenzylphthalate
Concen: 46.327 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

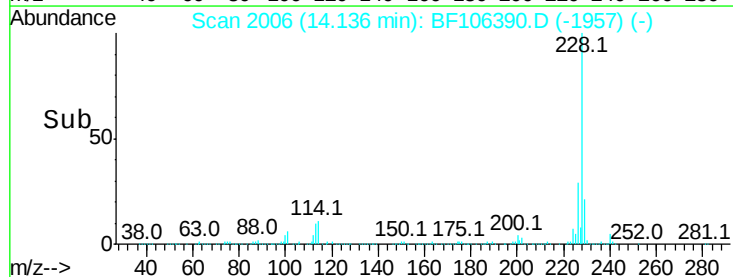
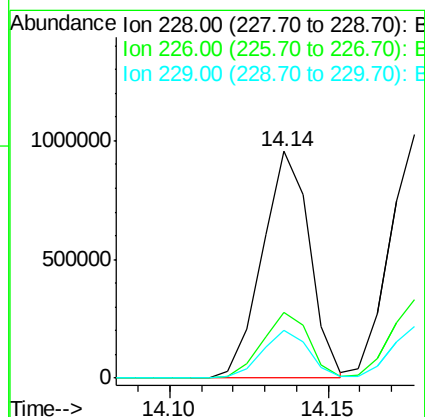
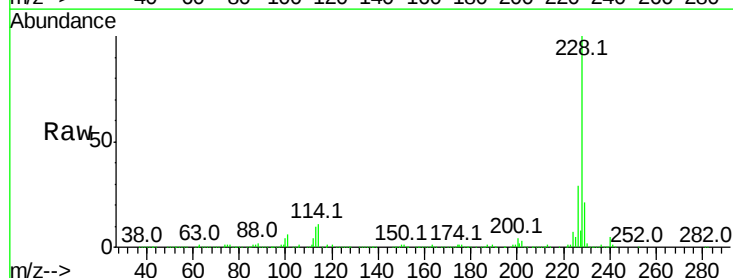
Instrument :
BNA_F
ClientSampleId :

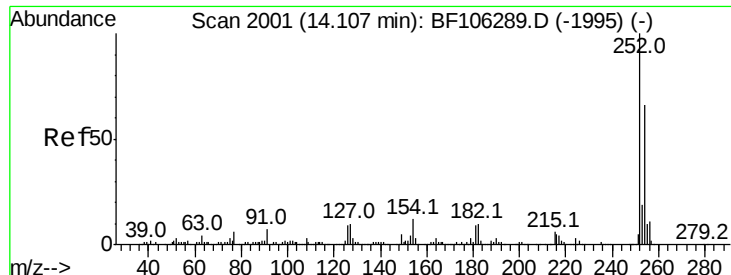
Tot Ion:	149	Resp:	493823
Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.8	85.2
206	21.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.729 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:	228	Resp:	994193
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 19.641 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

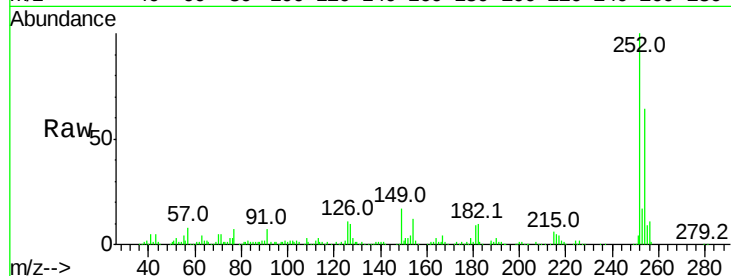
Tot Ion:252 Resp: 179378

Ion Ratio Lower Upper

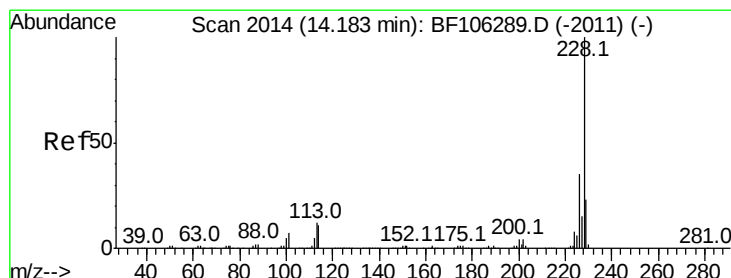
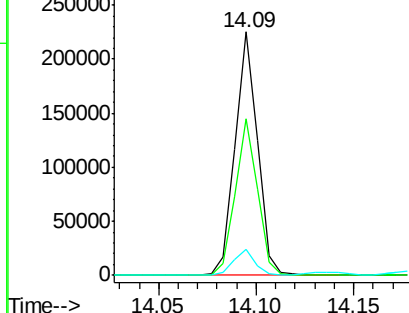
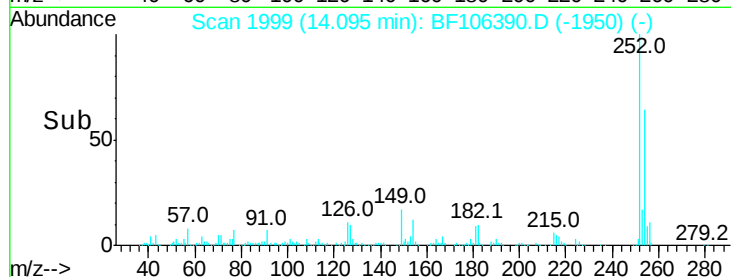
252 100

254 64.3 50.4 75.6

126 10.6 11.3 16.9#



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



#82

Chrysene

Concen: 37.767 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

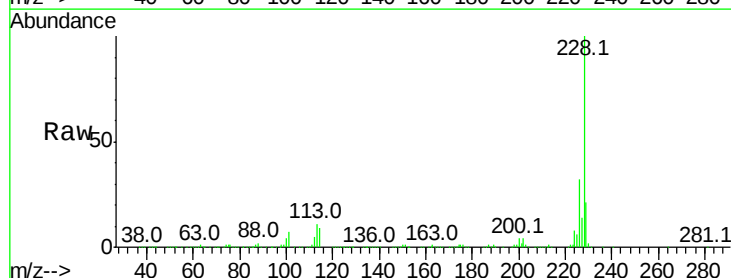
Tgt Ion:228 Resp: 933355

Ion Ratio Lower Upper

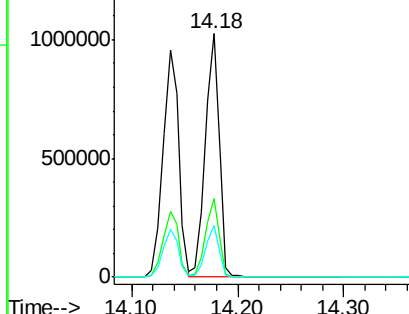
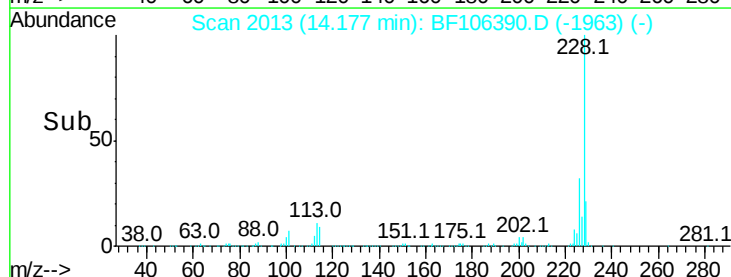
228 100

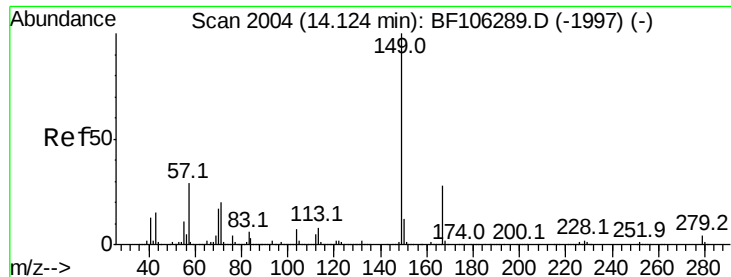
226 32.5 25.0 37.6

229 21.1 16.2 24.4



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

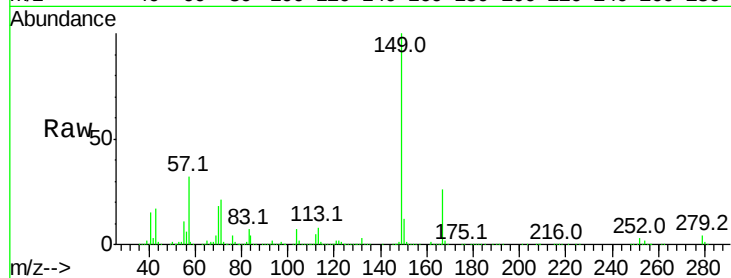




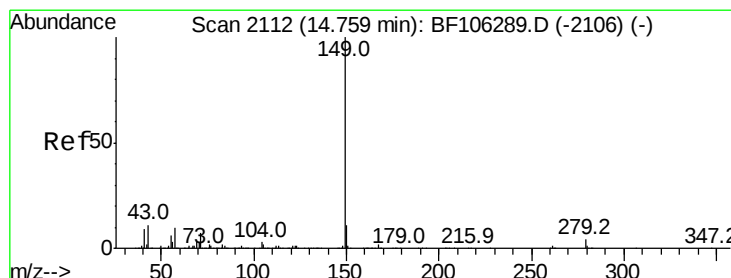
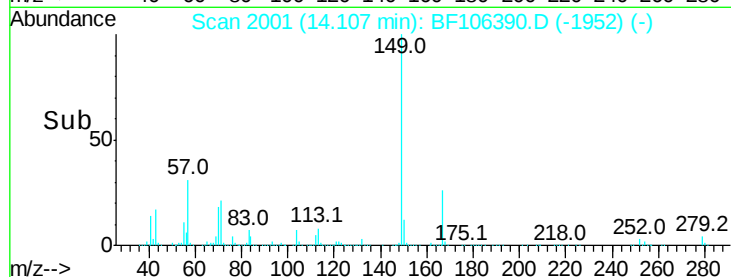
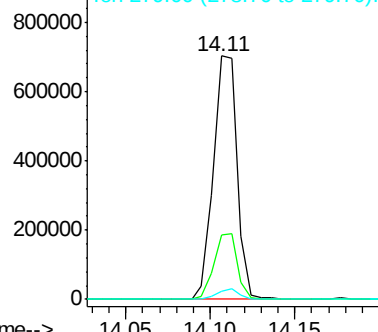
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.157 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 690169
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 3.6 3.0 4.4

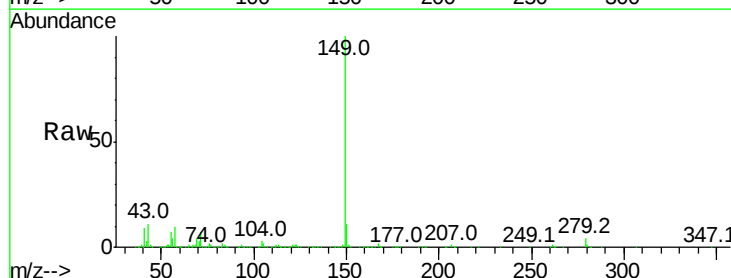


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

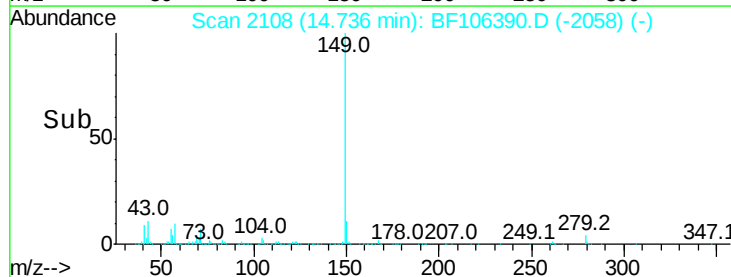
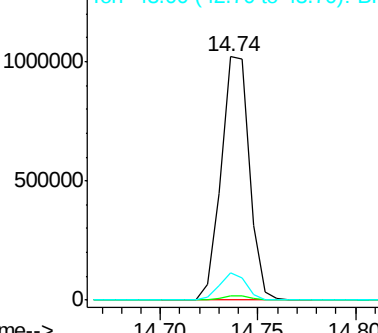


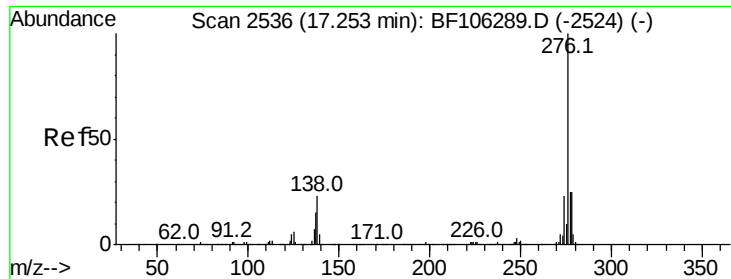
#84
Di-n-octyl phthalate
Concen: 46.500 ng
RT: 14.74 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:149 Resp: 1024589
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.3 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

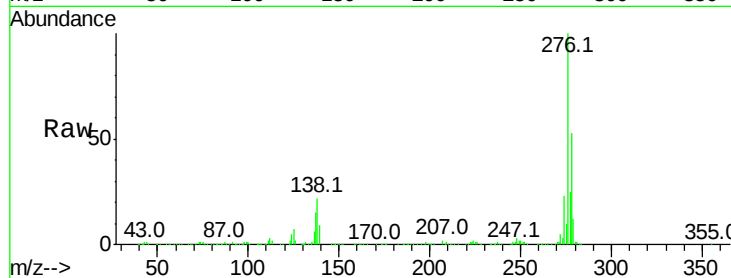




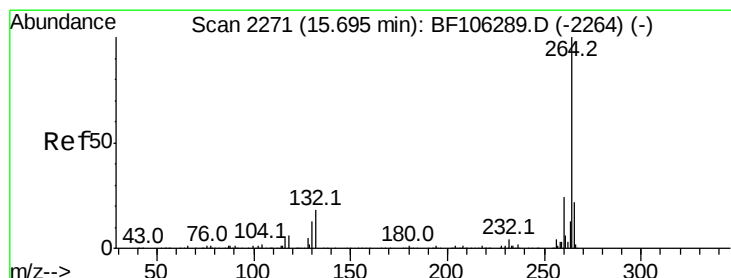
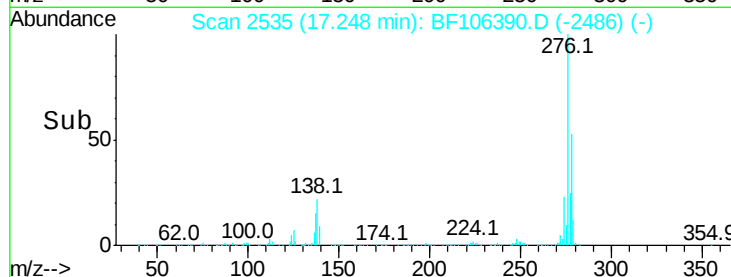
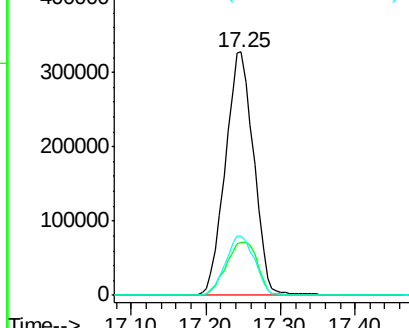
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.015 ng
 RT: 17.25 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 868130
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.0 37.6#
 277 25.3 20.1 30.1

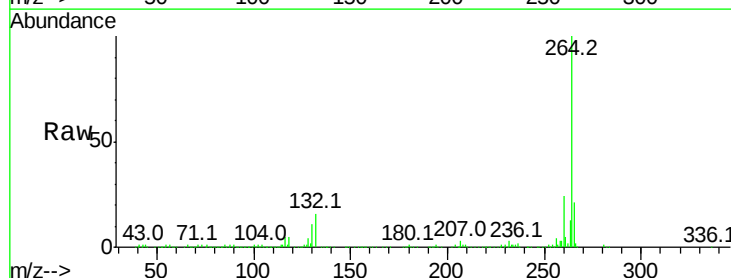


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

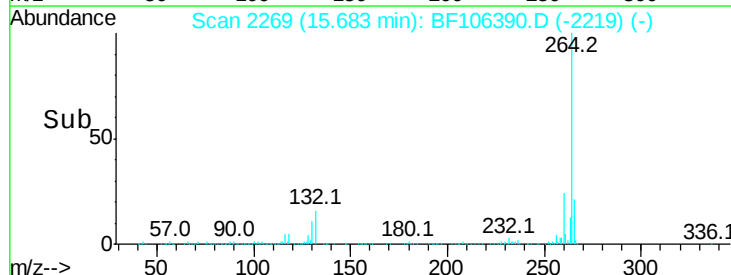
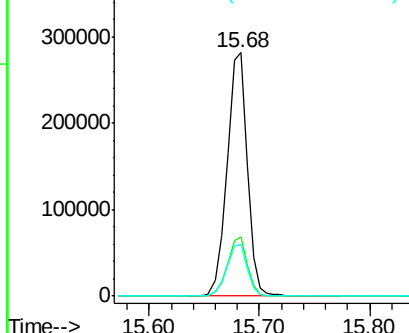


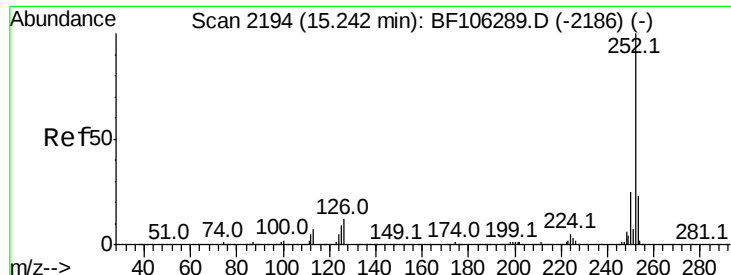
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion:264 Resp: 364075
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.5 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

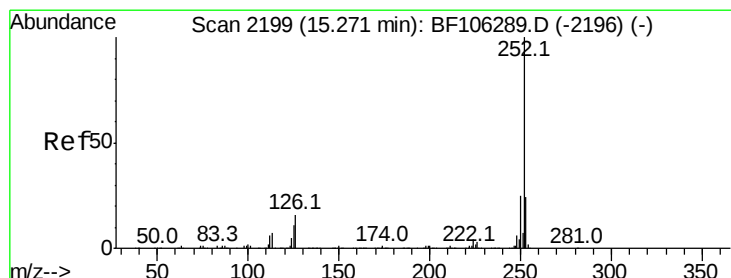
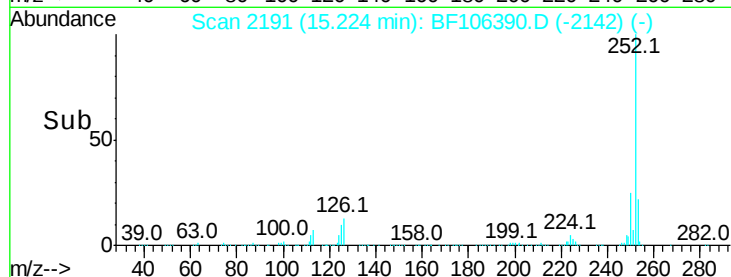
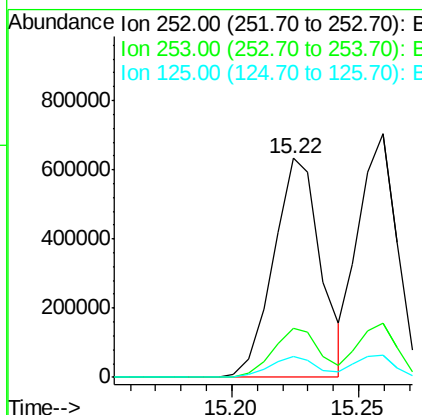
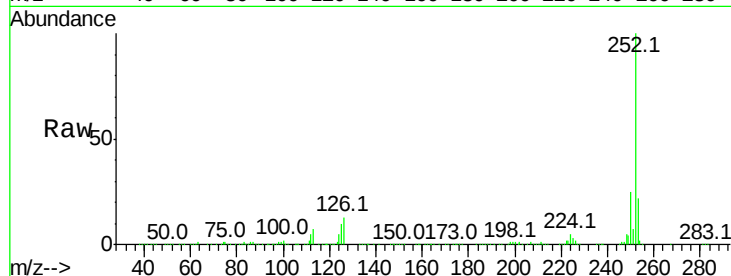




#87
Benzo(b)fluoranthene
Concen: 37.439 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

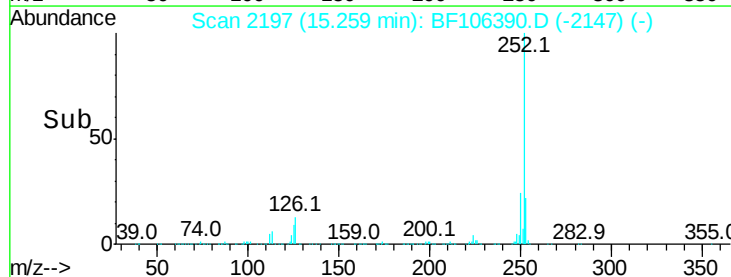
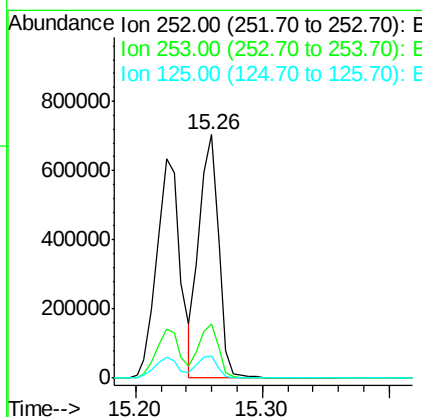
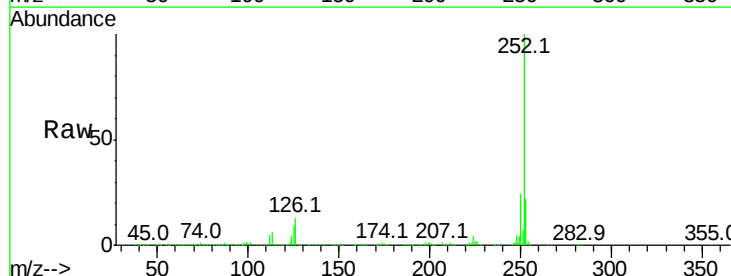
Instrument :
BNA_F
ClientSampleId :

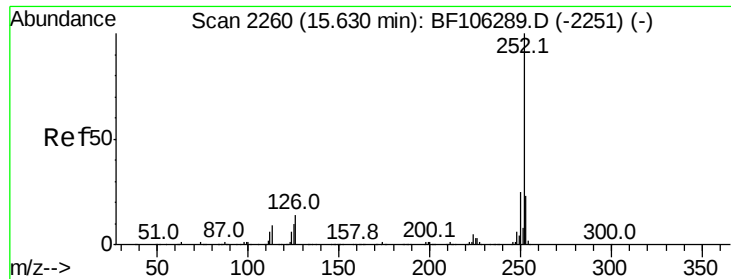
Tot Ion:252 Resp: 823945
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.440 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion:252 Resp: 750653
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 38.265 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF106390.D

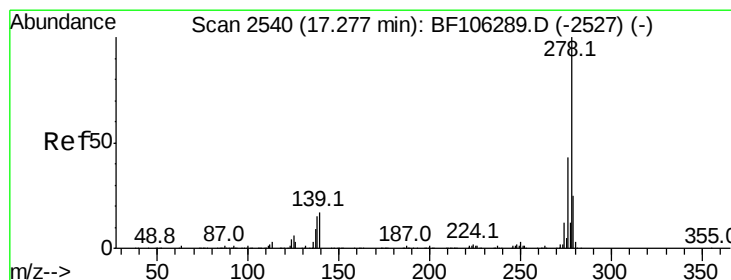
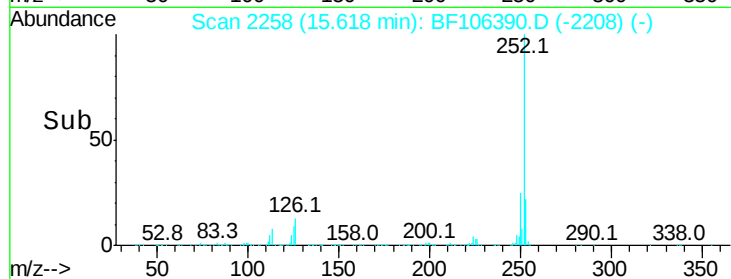
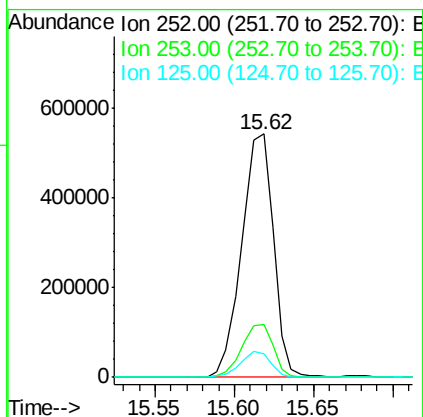
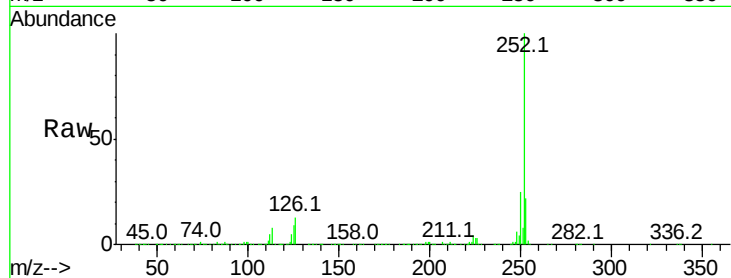
Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	757455
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	9.4	9.8	14.6#



#90

Dibenzo(a,h)anthracene

Concen: 43.603 ng

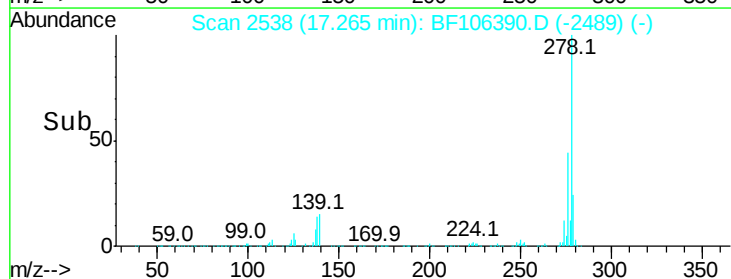
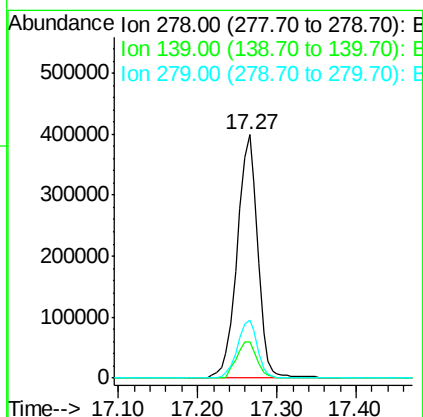
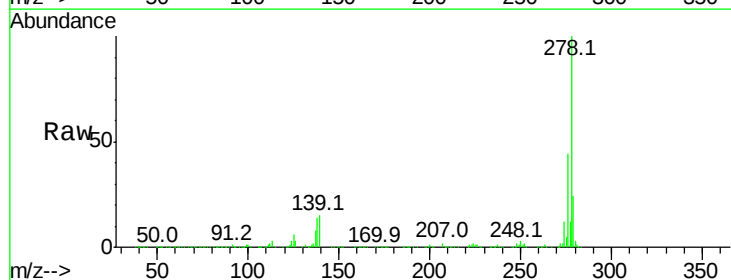
RT: 17.27 min Scan# 2538

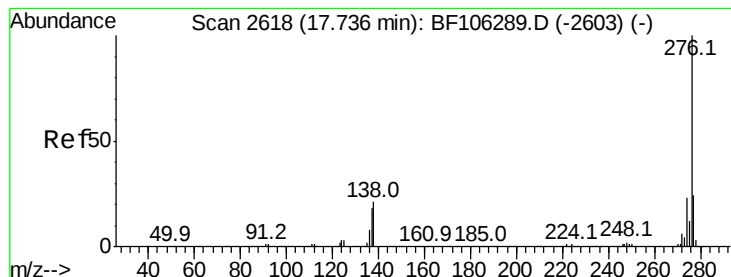
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	278	Resp:	719599
Ion Ratio	Lower	Upper	
278	100		
139	15.0	15.9	23.9#
279	23.9	19.0	28.4

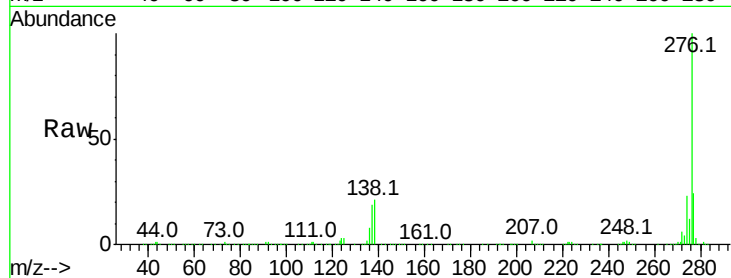




#91
 Benzo(a,h,i)perylene
 Concen: 46.135 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	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

