

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106400.D
 Acq On : 13 Jun 2018 19:20
 Operator : JU/SJ
 Sample : J3446-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:21:28 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	147741	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	550274	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	267223	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	494566	20.00	ng	0.00
75) Chrysene-d12	14.15	240	358488	20.00	ng	0.00
86) Perylene-d12	15.68	264	366650	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1027066	117.66	ng	-0.01
7) Phenol-d6	6.62	99	1225904	111.16	ng	0.00
23) Nitrobenzene-d5	7.54	82	874665	93.51	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	382075	148.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1351510	92.23	ng	0.00
78) Terphenyl-d14	13.08	244	1323101	91.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	148560	32.884	ng	96
3) Pyridine	3.62	79	441823	35.095	ng	97
4) n-Nitrosodimethylamine	3.58	42	214659	37.220	ng	92
6) Aniline	6.64	93	461859	28.680	ng	# 64
8) 2-Chlorophenol	6.77	128	391503	41.706	ng	97
9) Benzaldehyde	6.52	77	275208	32.899	ng	97
10) Phenol	6.63	94	523171	43.454	ng	73
11) bis(2-Chloroethyl)ether	6.71	93	418463	40.601	ng	99
12) 1,3-Dichlorobenzene	6.91	146	443283	40.123	ng	99
13) 1,4-Dichlorobenzene	6.98	146	446368	39.813	ng	99
14) 1,2-Dichlorobenzene	7.14	146	417157	39.525	ng	96
15) Benzyl Alcohol	7.11	79	370534	39.232	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	595823	40.328	ng	# 16
17) 2-Methylphenol	7.24	107	342532	40.898	ng	# 88
18) Hexachloroethane	7.48	117	152452	38.162	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	284892	34.432	ng	98
20) 3+4-Methylphenols	7.38	107	438830	40.972	ng	94
22) Acetophenone	7.37	105	559658	40.358	ng	99
24) Nitrobenzene	7.55	77	458858	45.133	ng	99
25) Isophorone	7.79	82	818368	44.792	ng	99
26) 2-Nitrophenol	7.87	139	221221	56.059	ng	95
27) 2,4-Dimethylphenol	7.91	122	365744	47.286	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	519354	43.840	ng	99
29) 2,4-Dichlorophenol	8.12	162	357901	47.964	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	362640	43.343	ng	96
31) Naphthalene	8.28	128	1078190	43.344	ng	98
32) Benzoic acid	8.02	122	124371	25.779	ng	88
33) 4-Chloroaniline	8.32	127	229595	20.827	ng	97
34) Hexachlorobutadiene	8.38	225	228465	42.504	ng	98
35) Caprolactam	8.69	113	66109	26.193	ng	93
36) 4-Chloro-3-methylphenol	8.82	107	376358	45.597	ng	97
37) 2-Methylnaphthalene	8.97	142	750540	44.299	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	381936	44.028	ng	97
40) Hexachlorocyclopentadiene	9.11	237	183192	38.275	ng	98

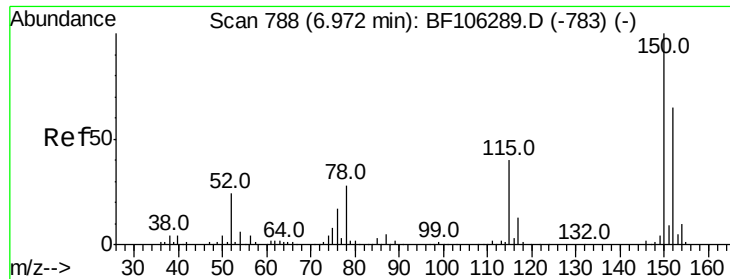
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106400.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	270880	48.999	nq	100
43) 2,4,5-Trichlorophenol	9.31	196	284379	47.717	nq #	92
45) 1,1'-Biphenyl	9.43	154	874676	42.259	nq	98
46) 2-Chloronaphthalene	9.46	162	708317	42.763	nq	97
47) 2-Nitroaniline	9.55	65	266101	51.069	nq	89
48) Acenaphthylene	9.88	152	1114188	43.947	nq	97
49) Dimethylphthalate	9.73	163	1110933	58.190	nq #	99
50) 2,6-Dinitrotoluene	9.80	165	194423	49.855	nq	96
51) Acenaphthene	10.05	154	711815	43.475	nq	98
52) 3-Nitroaniline	9.97	138	142968	30.888	nq	98
53) 2,4-Dinitrophenol	10.07	184	119669	68.254	nq #	18
54) Dibenzofuran	10.22	168	949380	43.060	nq	96
55) 4-Nitrophenol	10.15	139	292974	82.579	nq	93
56) 2,4-Dinitrotoluene	10.20	165	263408	53.788	nq #	98
57) Fluorene	10.56	166	736278	42.149	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	234855	49.720	nq #	84
59) Diethylphthalate	10.42	149	812531	42.879	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	383679	41.760	nq	92
61) 4-Nitroaniline	10.58	138	194037	43.088	nq	97
62) Azobenzene	10.71	77	819998	41.500	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	102544	39.690	nq	79
65) n-Nitrosodiphenylamine	10.67	169	722035	43.440	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	265336	47.170	nq #	83
67) Hexachlorobenzene	11.11	284	263739	45.478	nq #	88
68) Atrazine	11.20	200	237459	46.358	nq	95
69) Pentachlorophenol	11.31	266	236372	66.203	nq	98
70) Phenanthrene	11.53	178	1031720	42.596	nq	98
71) Anthracene	11.58	178	1062863	43.803	nq	97
72) Carbazole	11.74	167	951845	42.490	nq	98
73) Di-n-butylphthalate	12.05	149	1157028	46.407	nq	99
74) Fluoranthene	12.72	202	988298	38.261	nq	97
76) Benzidine	12.84	184	687756	57.644	nq	99
77) Pyrene	12.95	202	970428	43.239	nq	98
79) Butylbenzylphthalate	13.55	149	425314	50.626	nq #	94
80) Benzo(a)anthracene	14.14	228	939338	44.031	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	307545	42.727	nq #	95
82) Chrysene	14.18	228	878826	45.120	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	572121	47.496	nq	99
84) Di-n-octyl phthalate	14.74	149	935995	53.899	nq	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	788910	50.751	nq #	93
87) Benzo(b)fluoranthene	15.23	252	937410	42.295	nq	96
88) Benzo(k)fluoranthene	15.27	252	935405	42.615	nq #	96
89) Benzo(a)pyrene	15.62	252	895407	44.916	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	669689	40.294	nq #	96
91) Benzo(g,h,i)perylene	17.73	276	616287	38.156	nq #	92

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

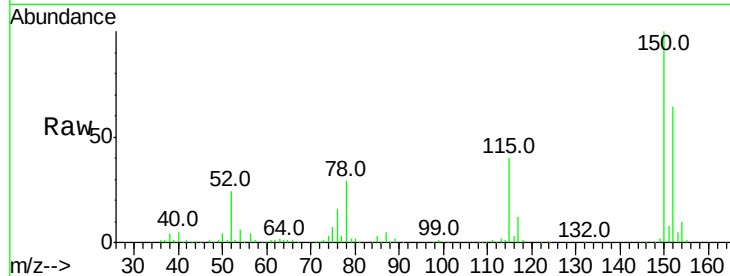


#1

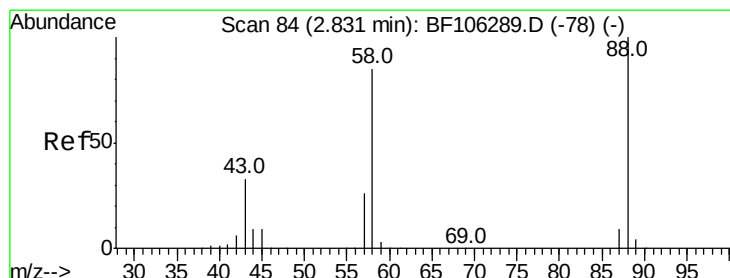
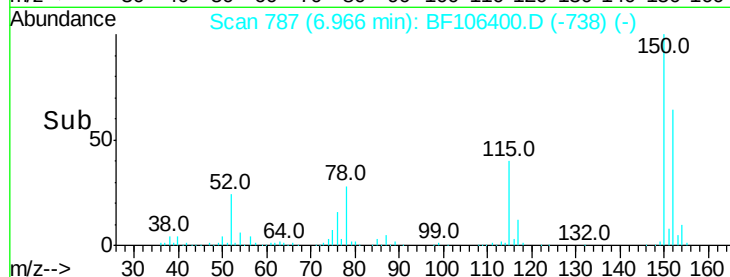
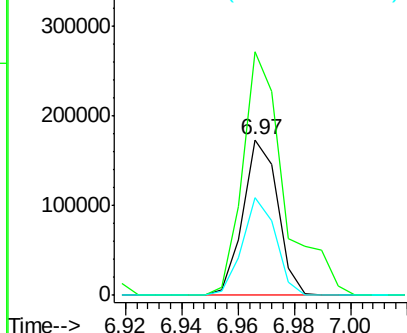
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147741
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.8 50.1 75.1



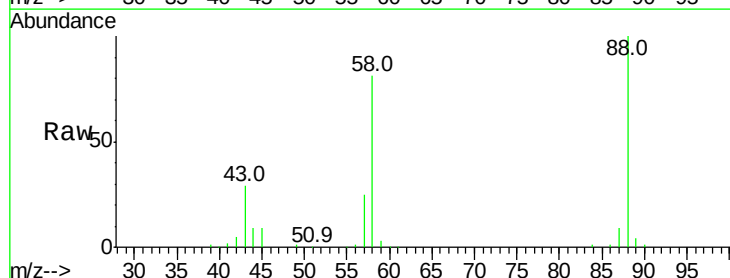
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



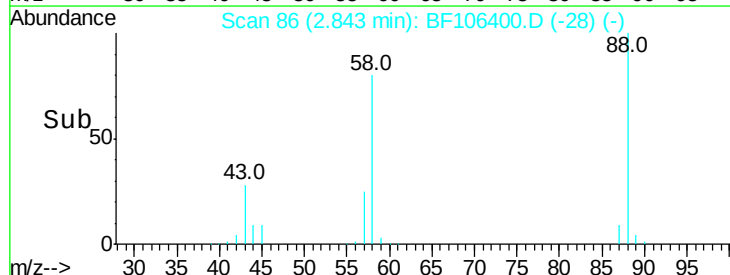
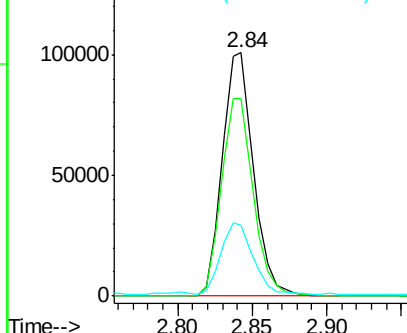
#2

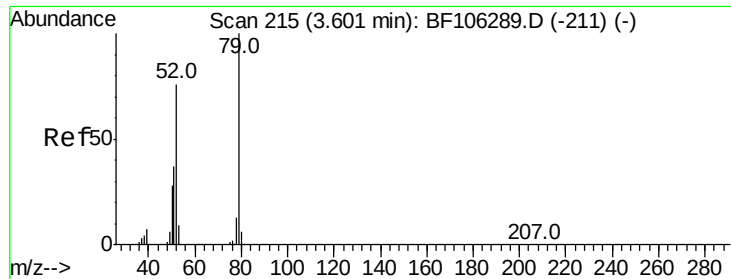
1,4-Dioxane
Concen: 32.884 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.04 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion: 88 Resp: 148560
Ion Ratio Lower Upper
88 100
58 82.7 62.6 93.8
43 29.7 24.6 37.0



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





#3

Pvridine

Concen: 35.095 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

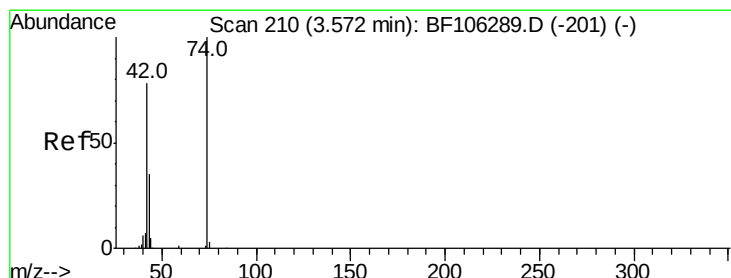
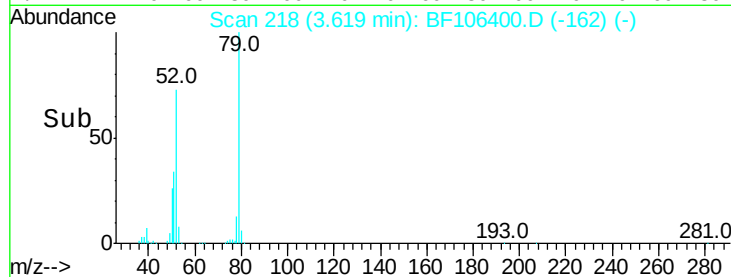
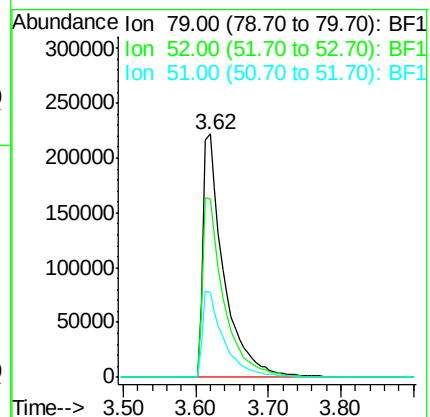
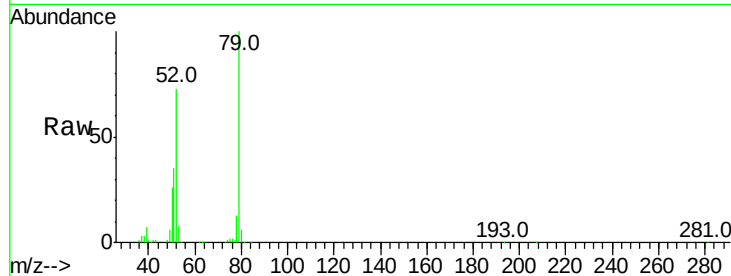
Tot Ion: 79 Resp: 441823

Ion Ratio Lower Upper

79 100

52 73.0 59.8 89.6

51 34.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.220 ng

RT: 3.58 min Scan# 211

Delta R.T. 0.03 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

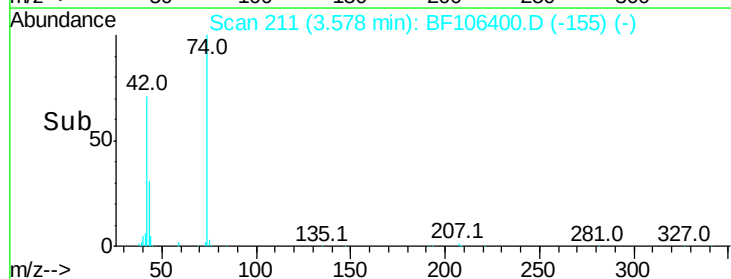
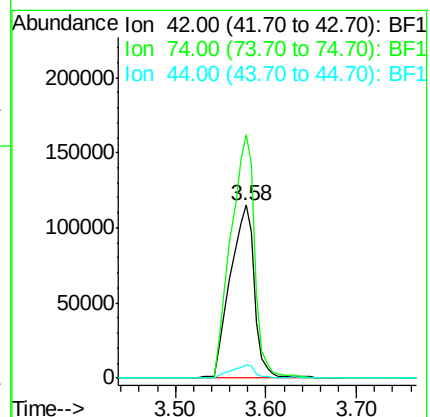
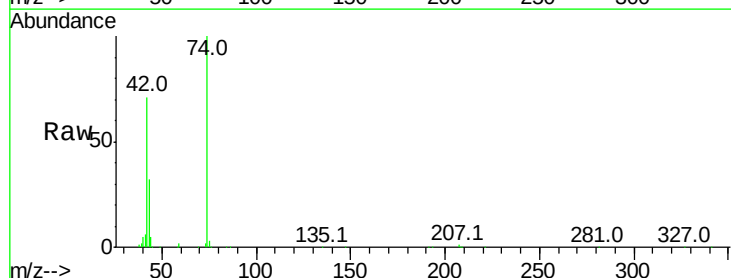
Tgt Ion: 42 Resp: 214659

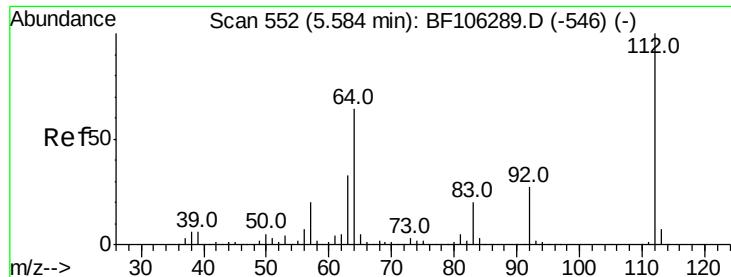
Ion Ratio Lower Upper

42 100

74 141.0 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 117.659 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampled :

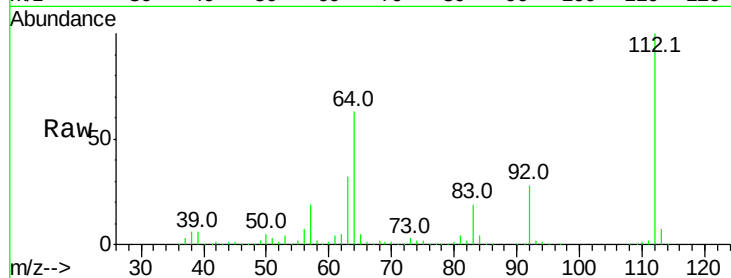
Tot Ion:112 Resp: 1027066

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

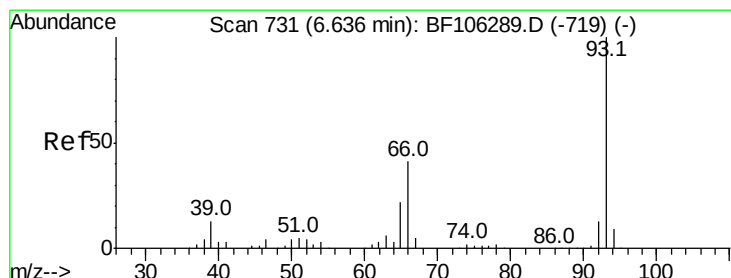
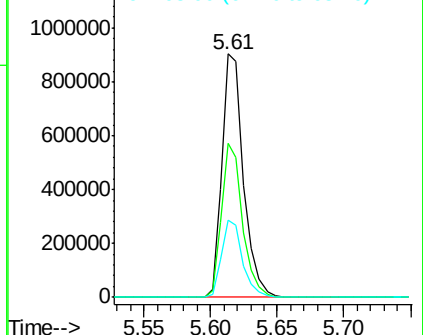
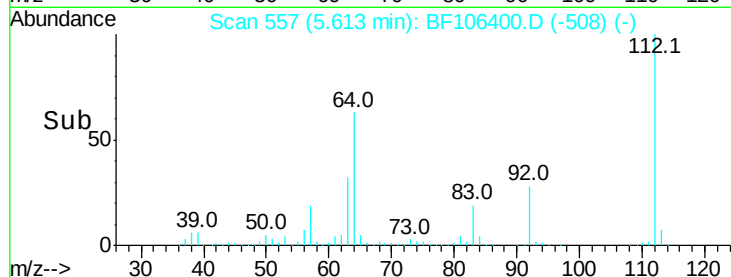
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.680 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

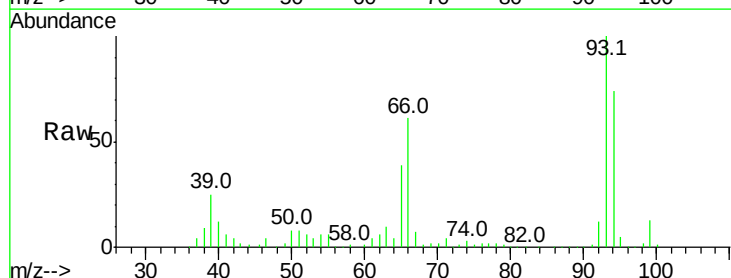
Tgt Ion: 93 Resp: 461859

Ion Ratio Lower Upper

93 100

66 61.4 32.2 48.2#

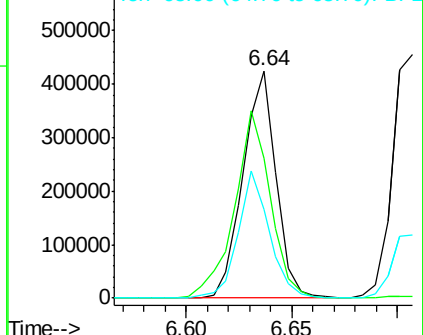
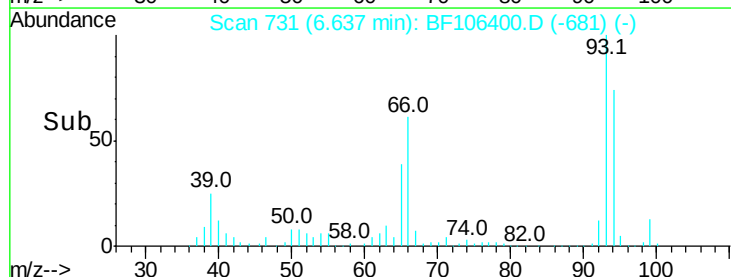
65 38.9 16.4 24.6#

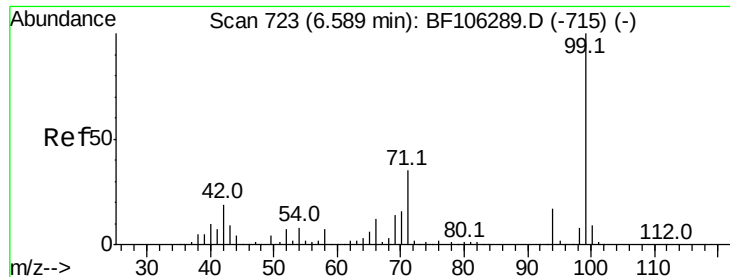


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.158 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampled :

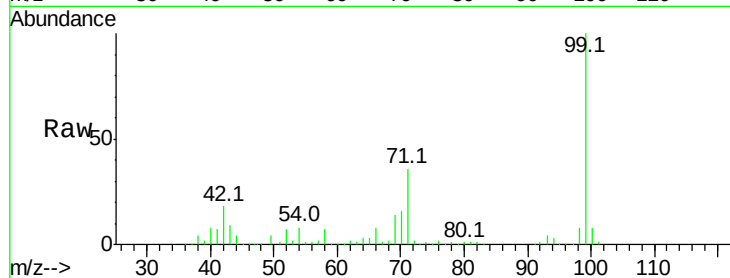
Tot Ion: 99 Resp: 1225904

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

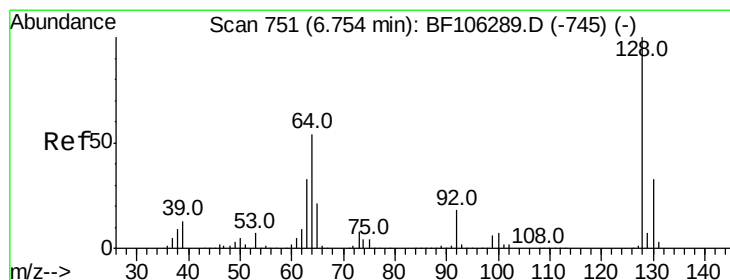
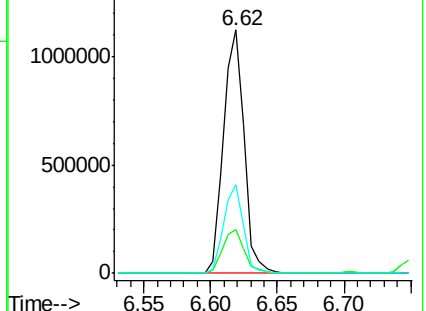
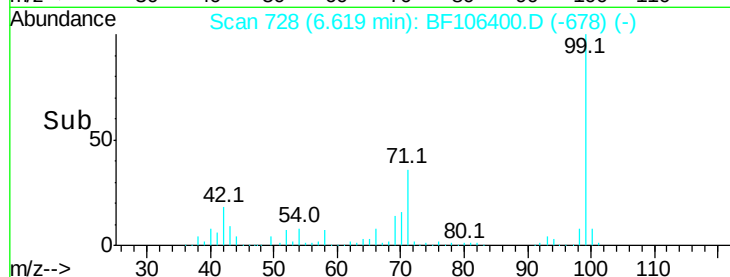
71 36.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.706 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

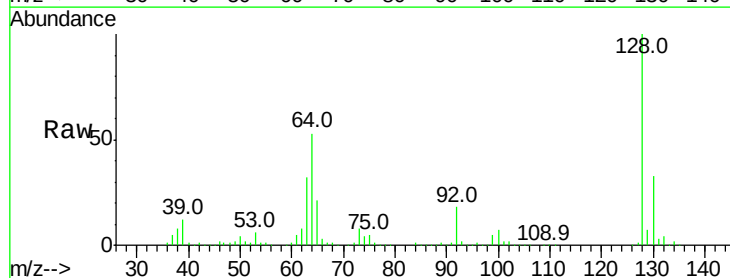
Tgt Ion:128 Resp: 391503

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

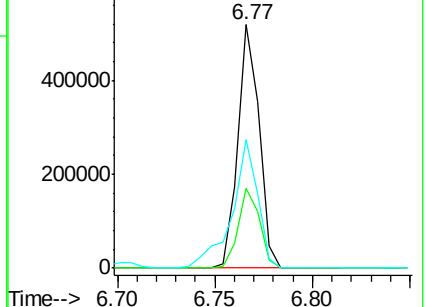
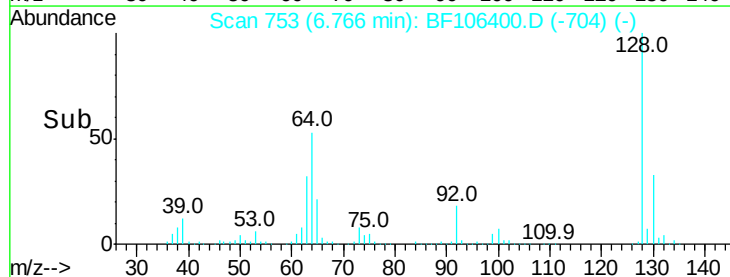
64 52.9 29.4 69.4

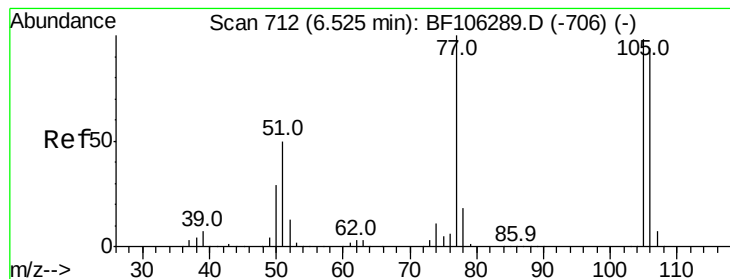


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.899 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

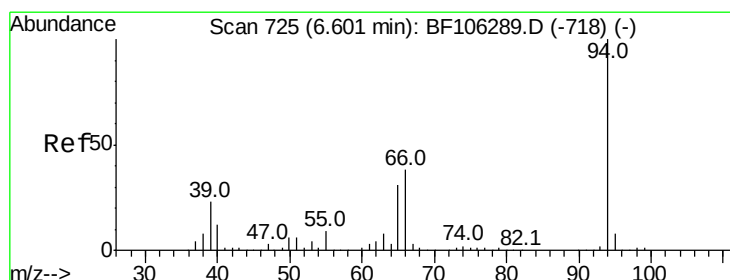
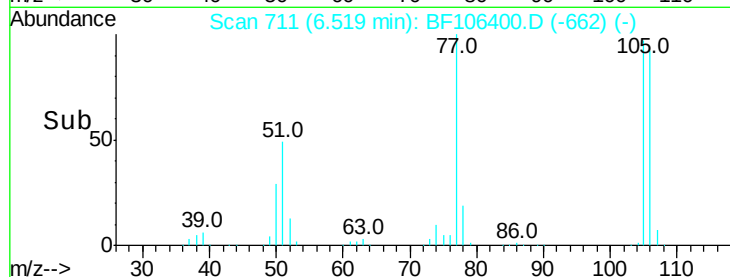
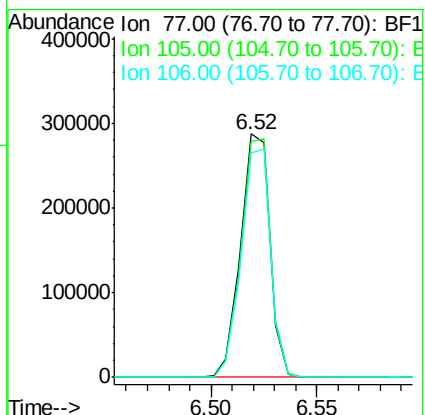
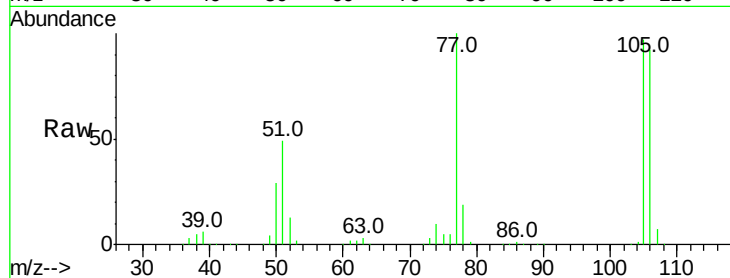
Tot Ion: 77 Resp: 275208

Ion Ratio Lower Upper

77 100

105 96.9 81.1 121.1

106 92.4 74.5 114.5



#10

Phenol

Concen: 43.454 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

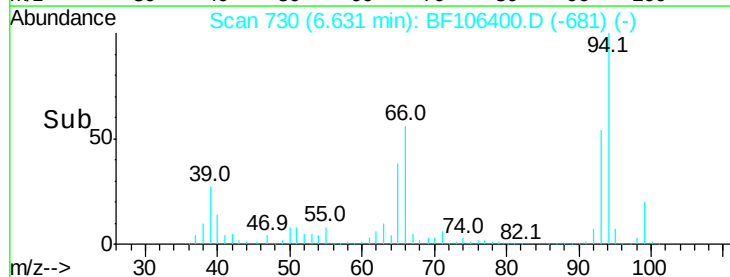
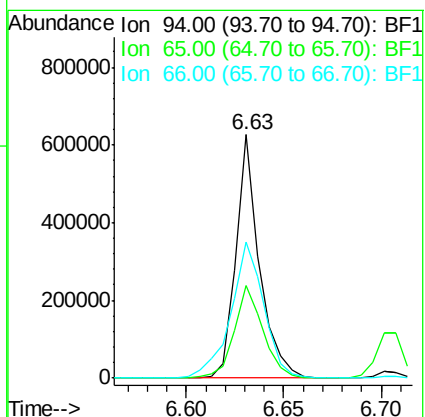
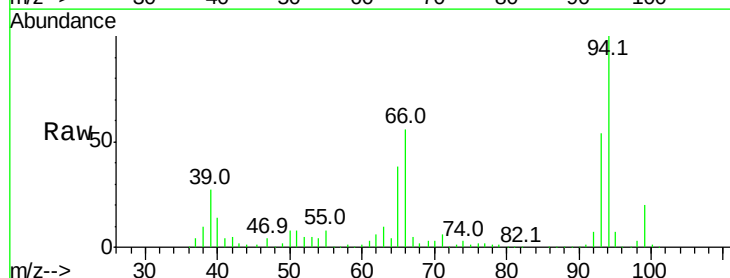
Tgt Ion: 94 Resp: 523171

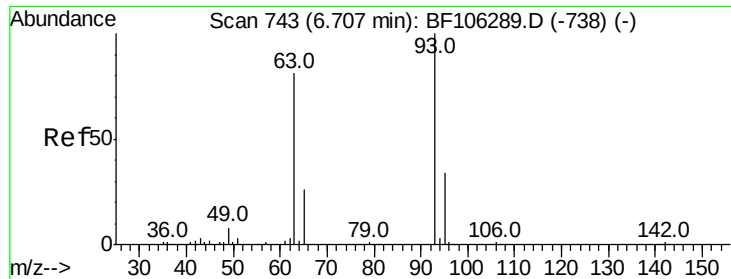
Ion Ratio Lower Upper

94 100

65 37.9 7.9 47.9

66 56.0 16.2 56.2

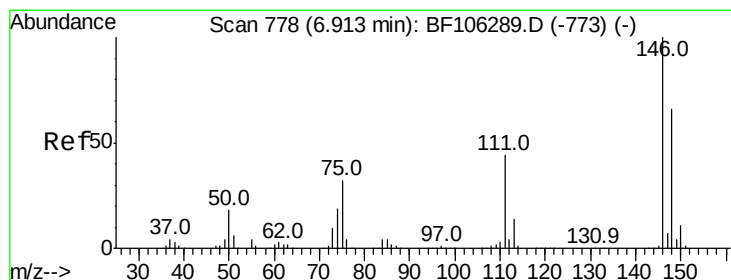
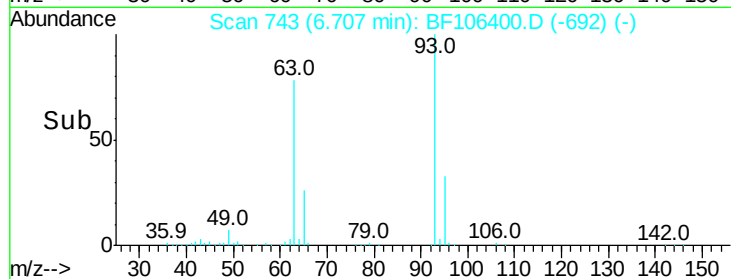
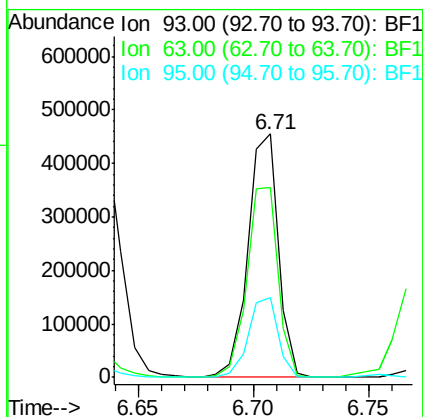
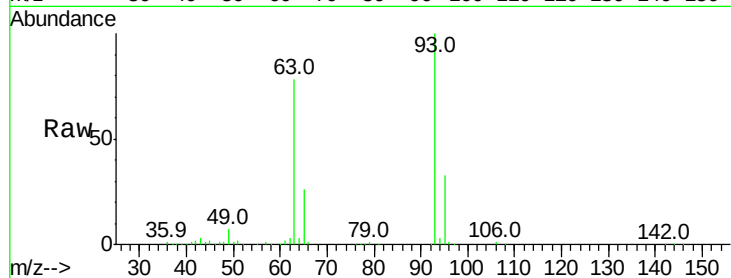




#11
bis(2-Chloroethyl)ether
Concen: 40.601 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

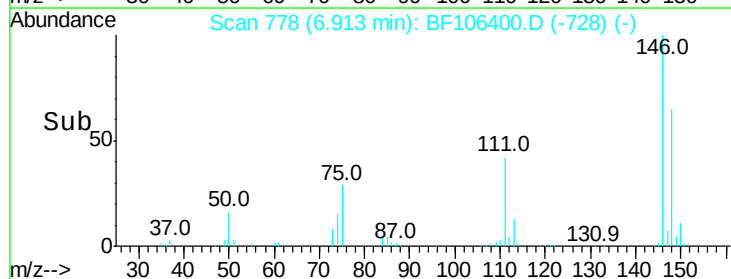
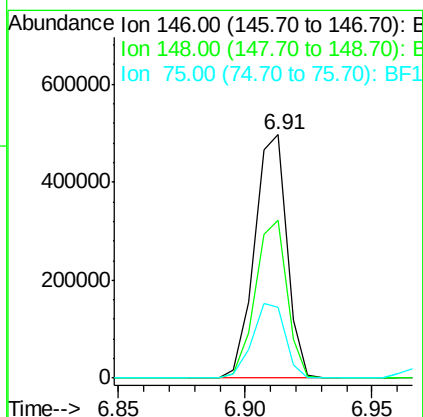
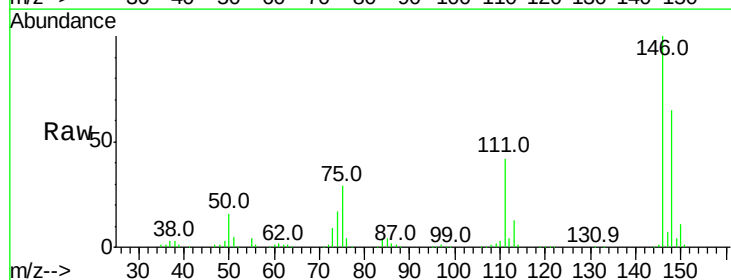
Instrument :
BNA_F
ClientSampleId :

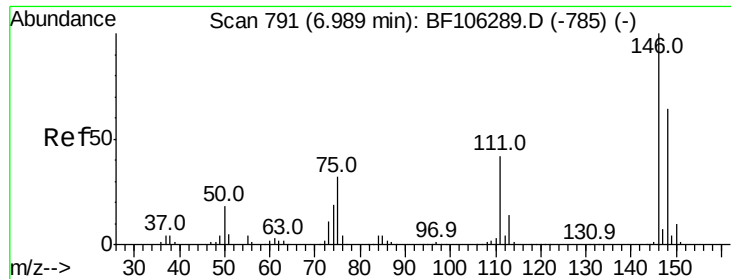
Tot Ion: 93 Resp: 418463
Ion Ratio Lower Upper
93 100
63 78.0 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.123 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion: 146 Resp: 443283
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 29.2 24.2 36.4

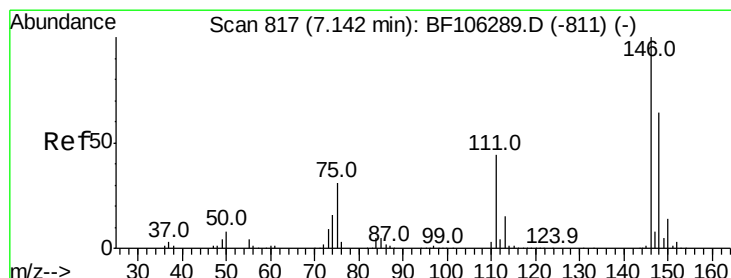
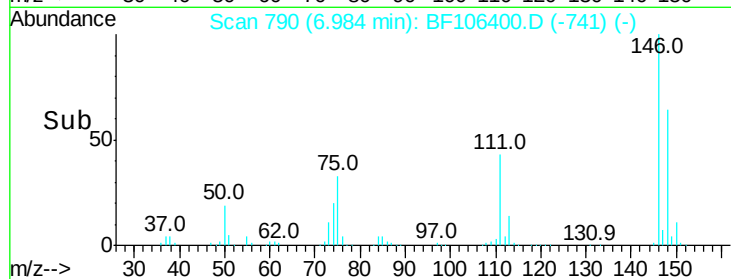
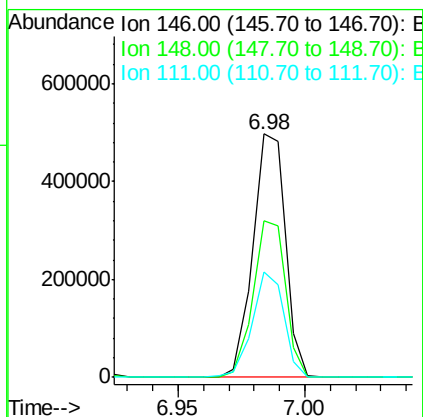
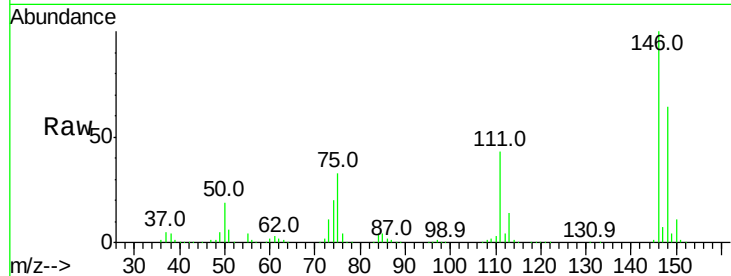




#13
 1,4-Dichlorobenzene
 Concen: 39.813 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

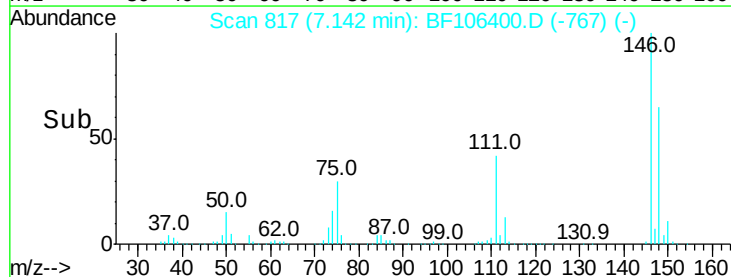
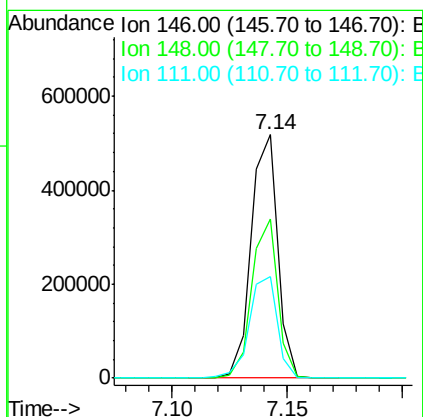
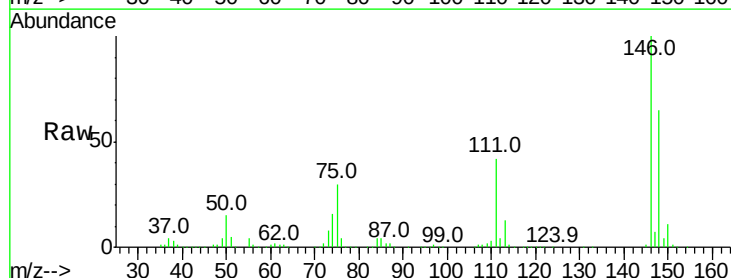
Instrument :
 BNA_F
 ClientSampleId :

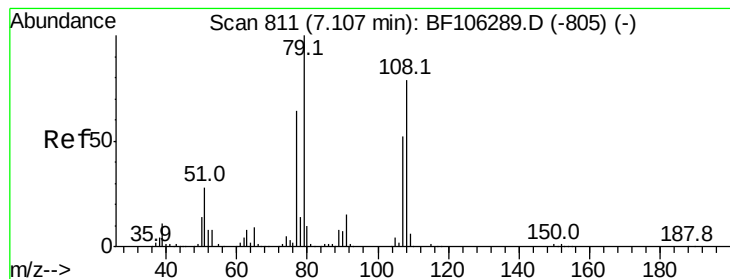
Tot Ion:146 Resp: 446368
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 43.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.525 ng
 RT: 7.14 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:146 Resp: 417157
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 75.8
 111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.232 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampled :

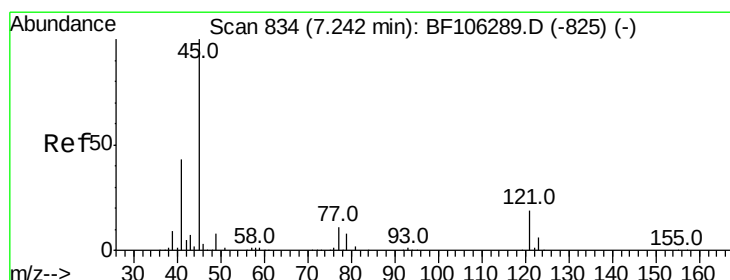
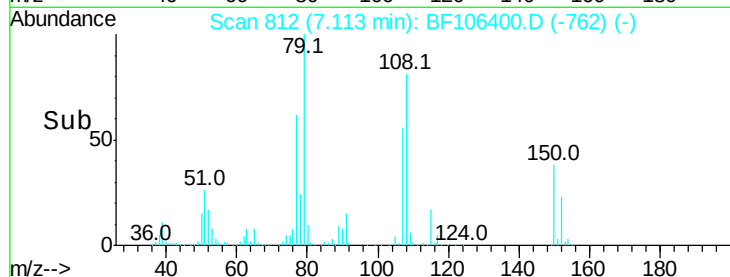
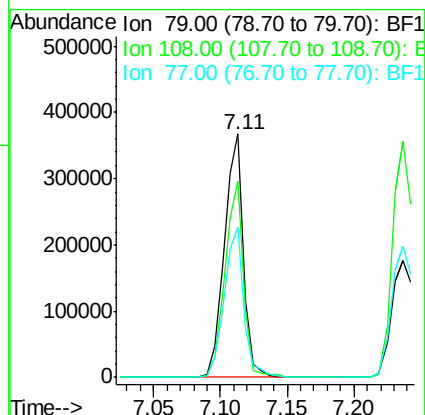
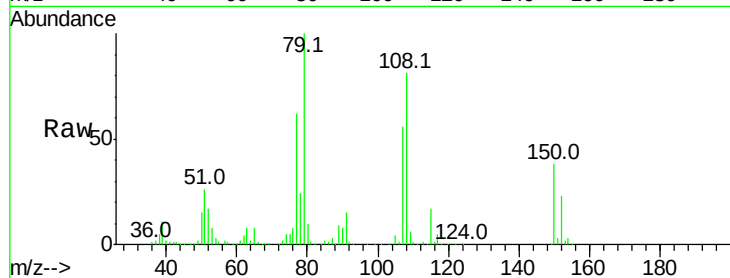
Tot Ion: 79 Resp: 370534

Ion Ratio Lower Upper

79 100

108 80.7 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.328 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

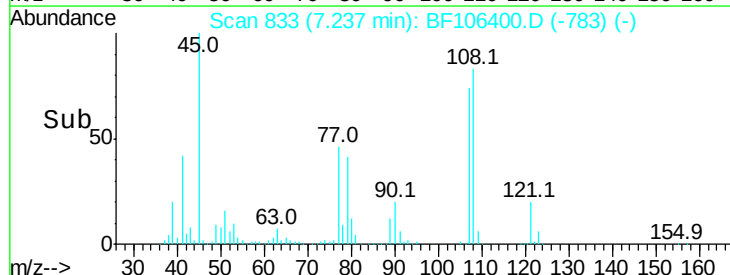
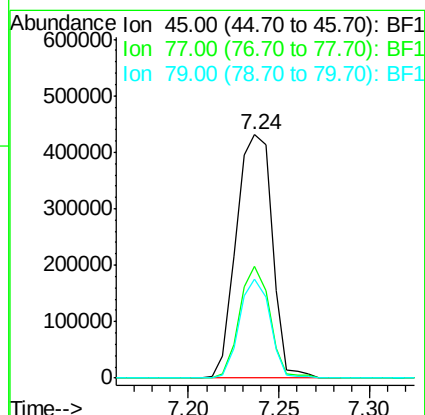
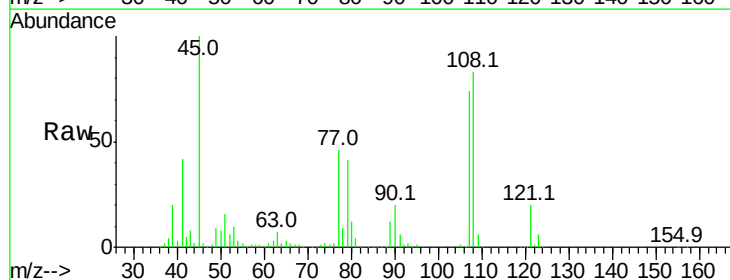
Tgt Ion: 45 Resp: 595823

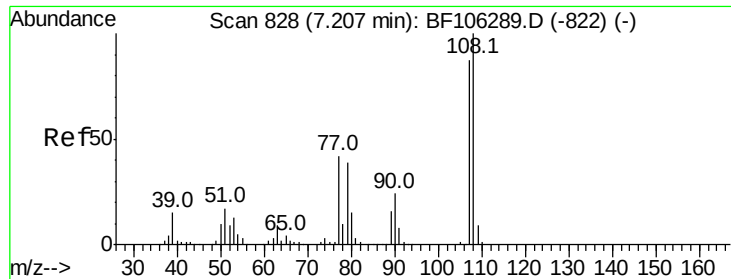
Ion Ratio Lower Upper

45 100

77 46.0 0.0 32.9#

79 40.8 0.0 29.6#

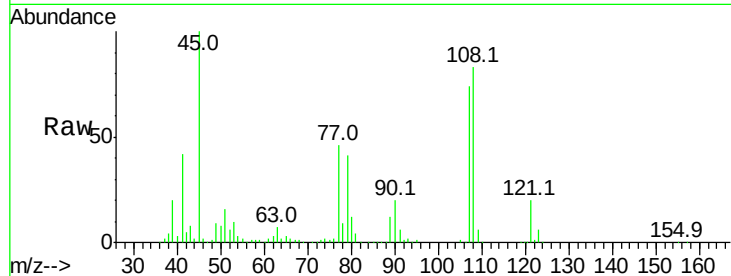




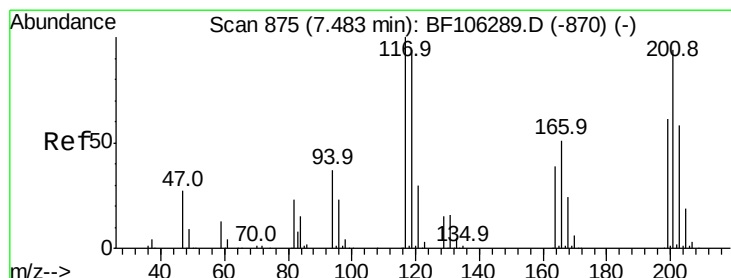
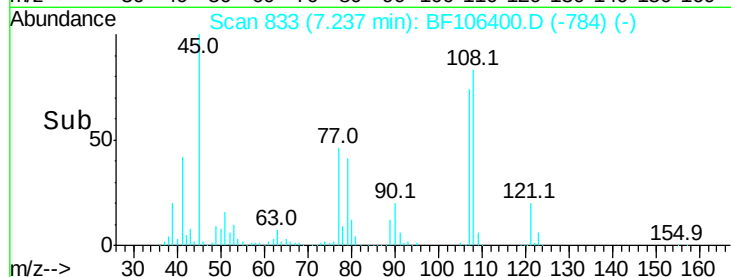
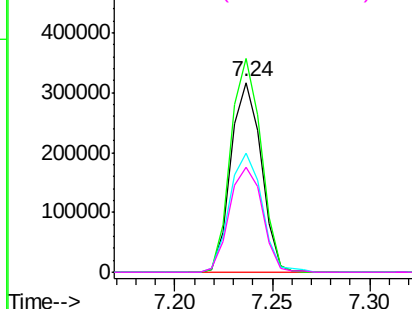
#17
2-Methylphenol
Concen: 40.898 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 342532
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 62.5 33.8 50.8#
79 55.5 33.8 50.8#

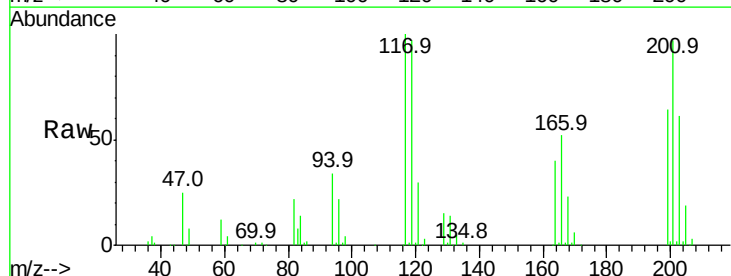


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

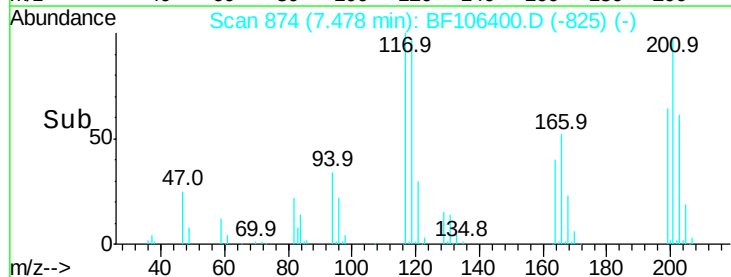
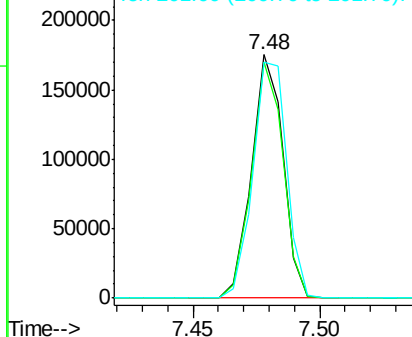


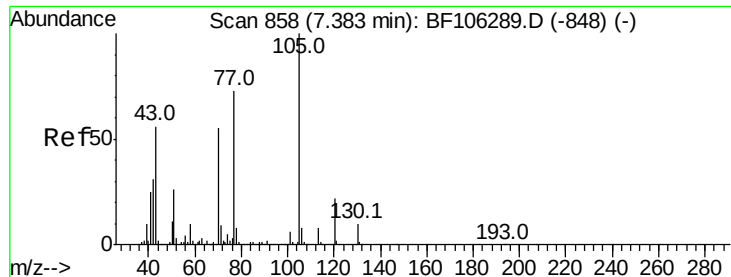
#18
Hexachloroethane
Concen: 38.162 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:117 Resp: 152452
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 97.1 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

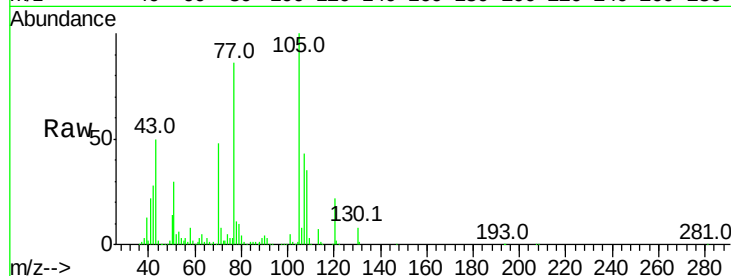




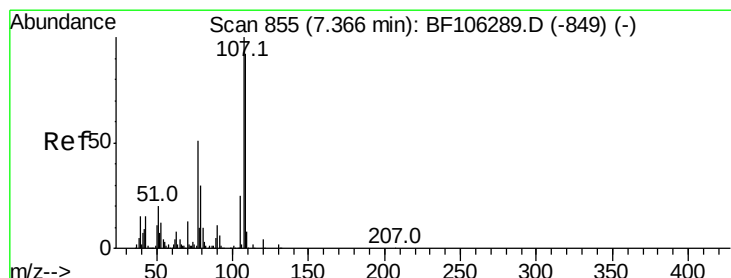
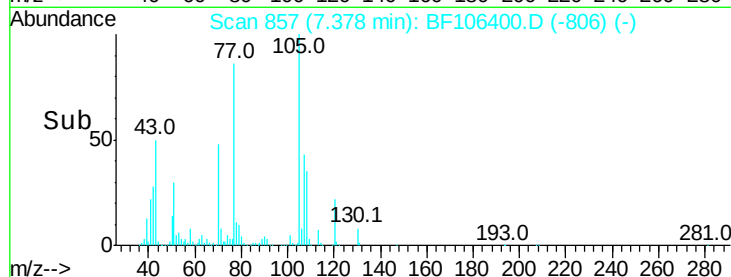
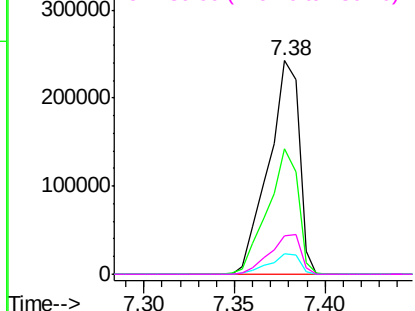
#19
n-Nitroso-di-n-propylamine
Concen: 34.432 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	284892
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.5	71.3
101	9.7	7.4	11.2
130	17.9	16.6	25.0

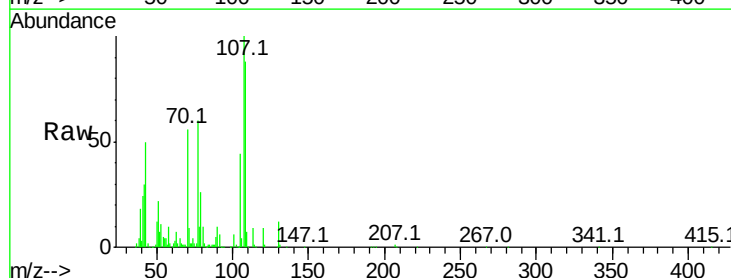


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

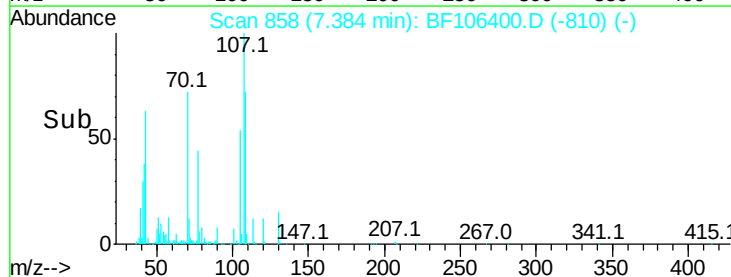
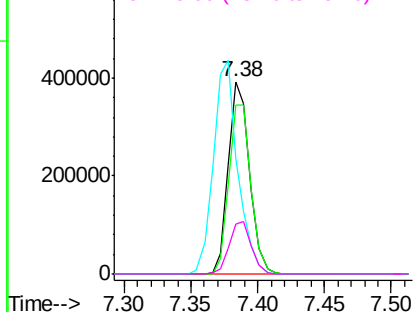


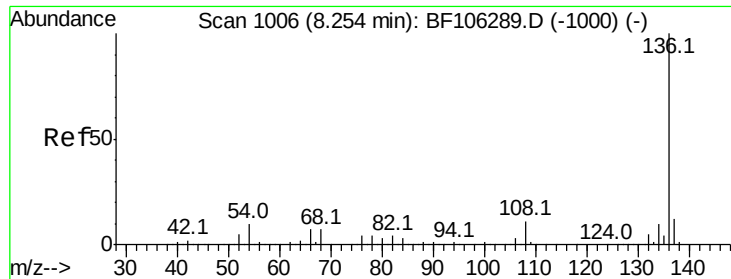
#20
3+4-Methylphenols
Concen: 40.972 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:	107	Resp:	438830
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	60.2	26.7	66.7
79	26.3	6.3	46.3



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

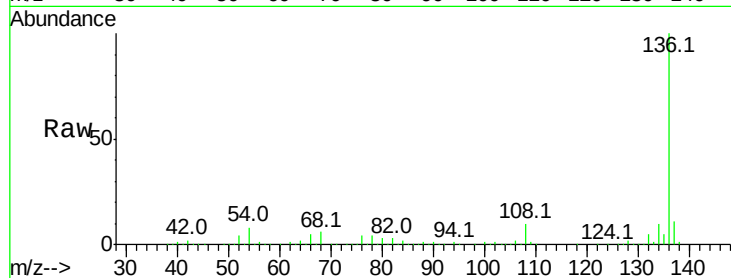




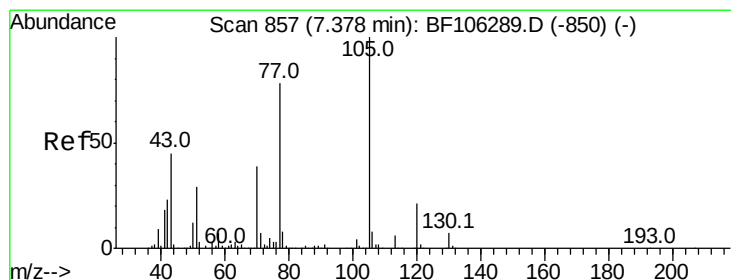
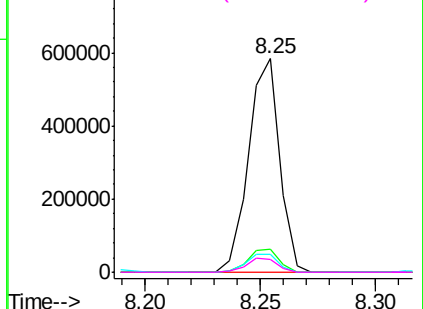
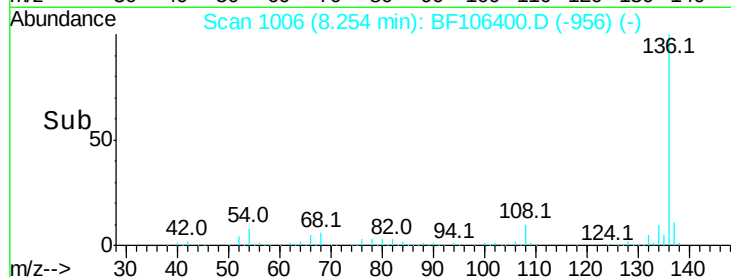
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	550274
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.2	6.6	9.8
68 6.2	5.0	7.4

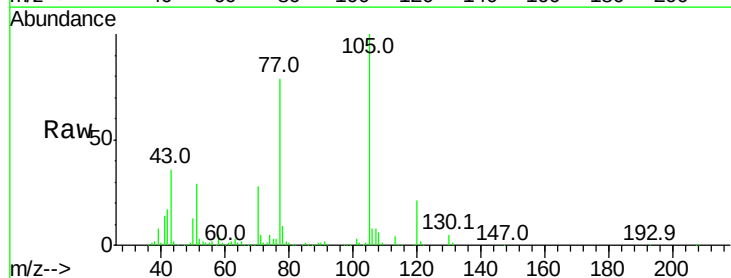


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

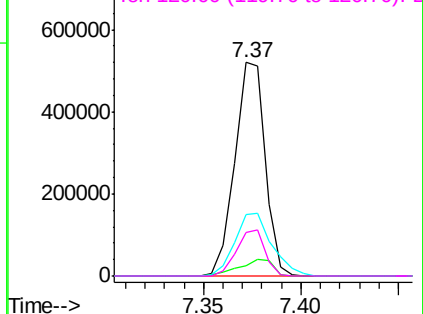
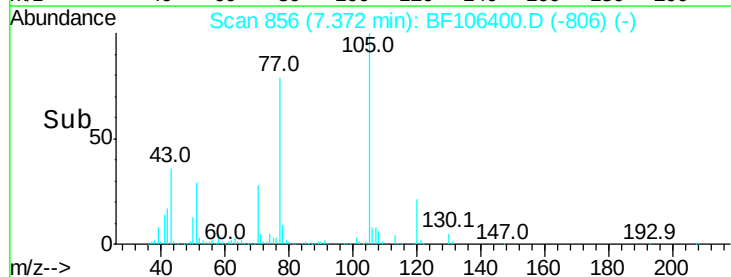


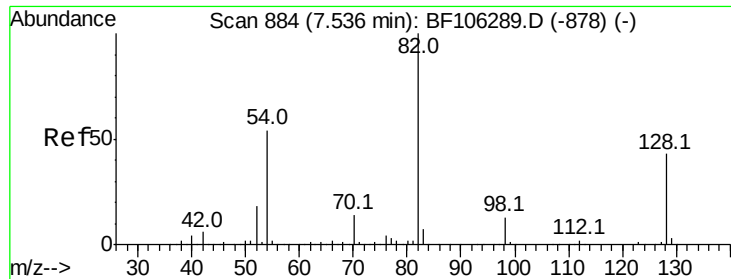
#22
Acetophenone
Concen: 40.358 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt	Ion:105	Resp:	559658
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.4	6.6
51	28.7	22.3	33.5
120	20.5	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

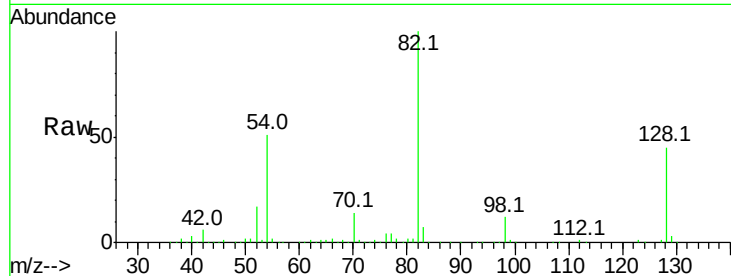




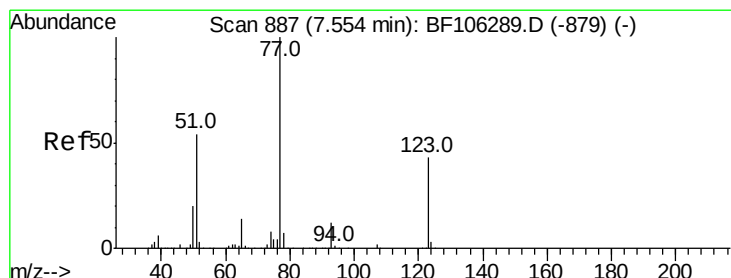
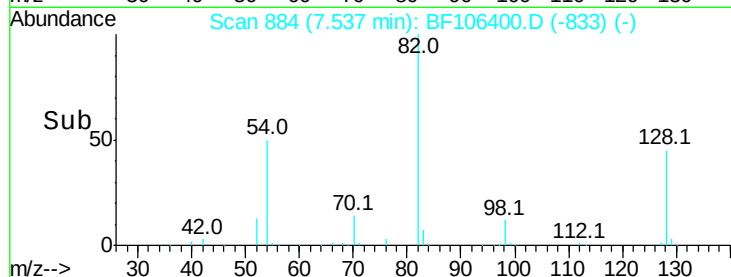
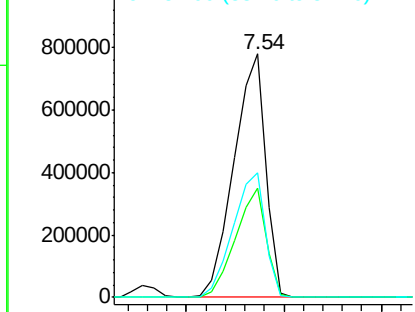
#23
 Nitrobenzene-d5
 Concen: 93.508 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 874665
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 51.3 41.4 62.2

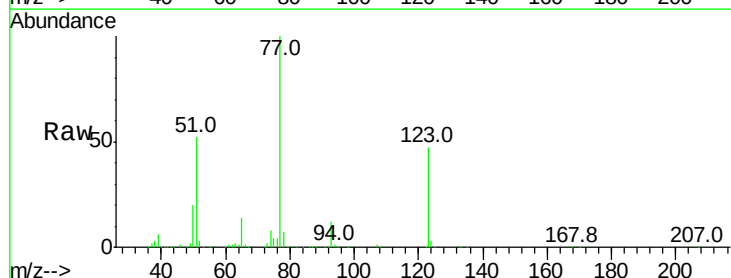


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

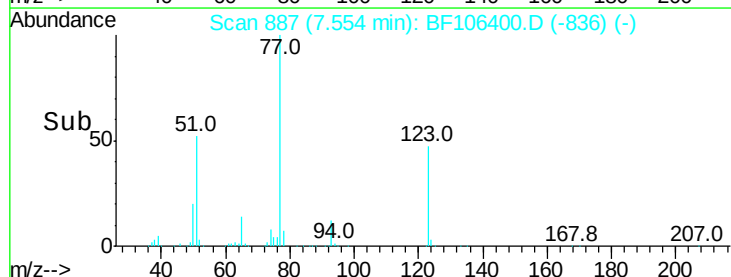
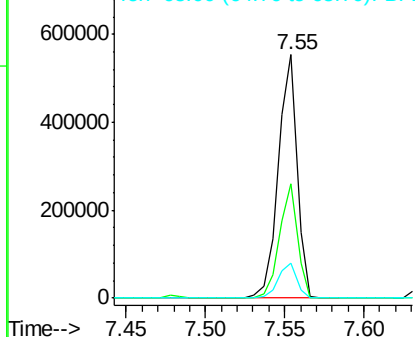


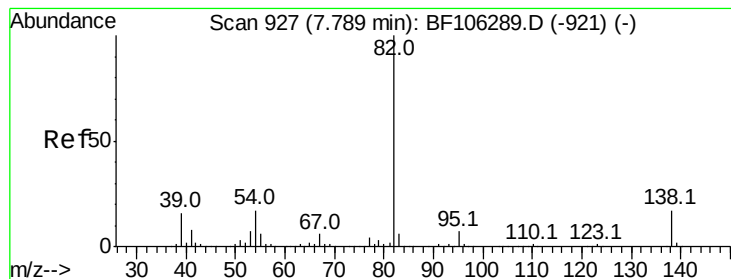
#24
 Nitrobenzene
 Concen: 45.133 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion: 77 Resp: 458858
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.9 56.9
 65 14.3 11.0 16.4



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





#25

Isophorone

Concen: 44.792 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

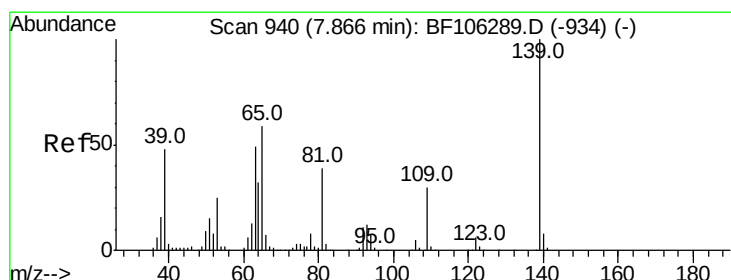
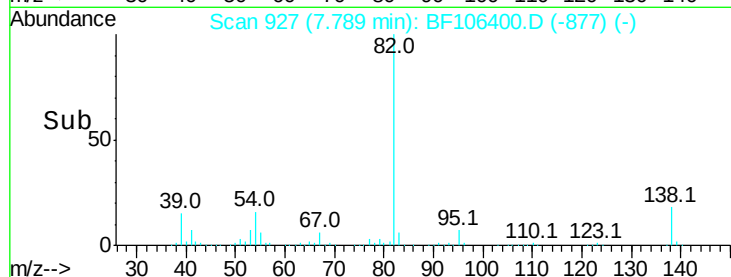
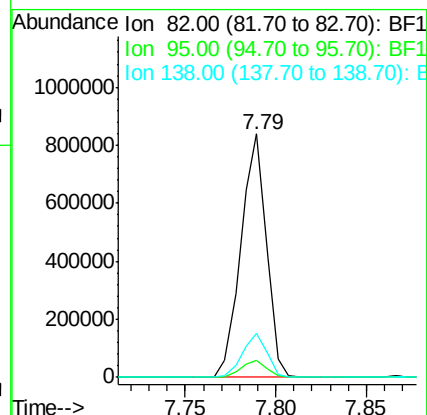
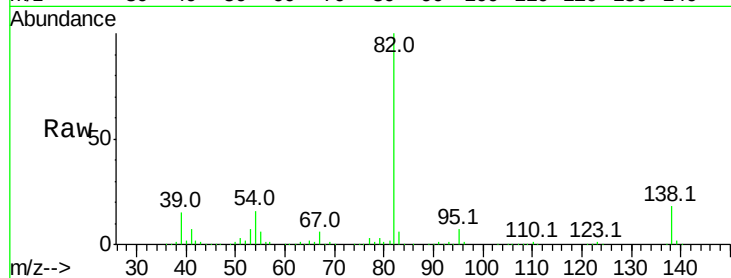
Tot Ion: 82 Resp: 818368

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 56.059 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

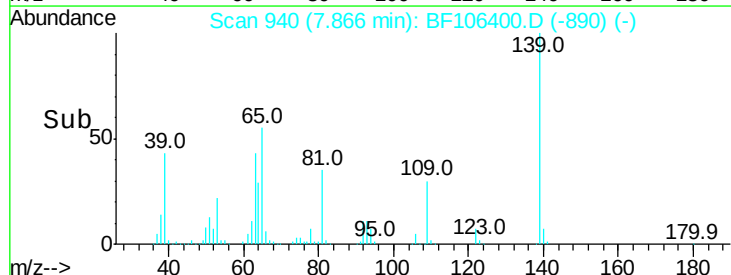
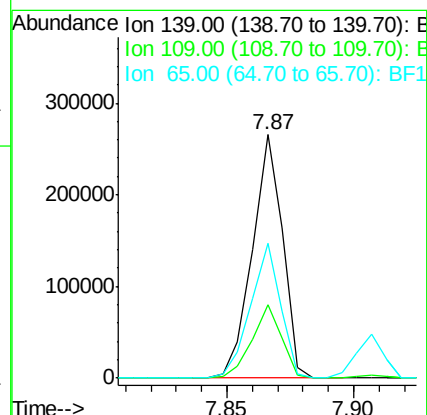
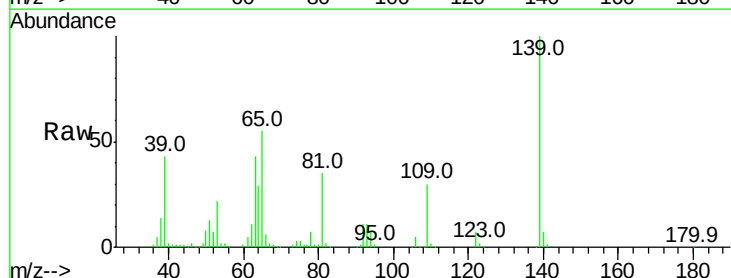
Tgt Ion: 139 Resp: 221221

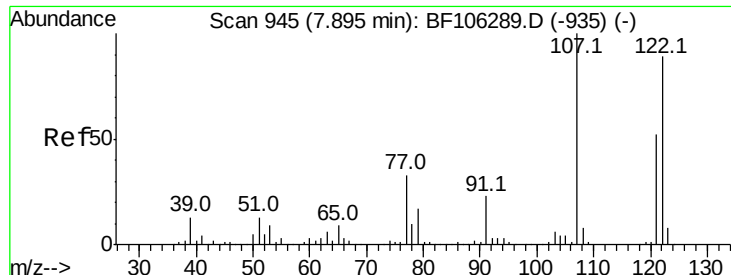
Ion Ratio Lower Upper

139 100

109 30.0 22.7 34.1

65 55.2 40.5 60.7

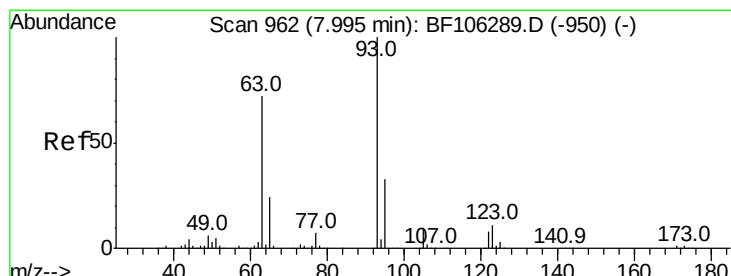
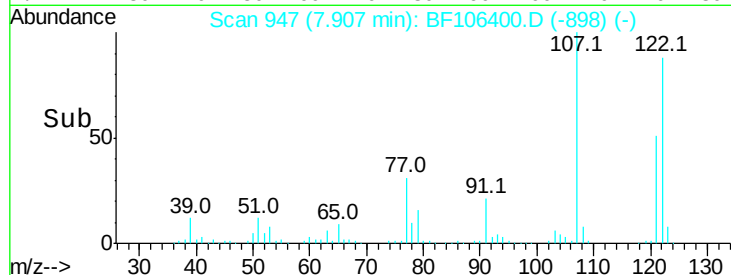
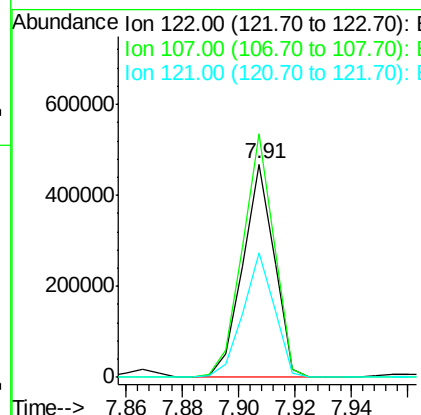
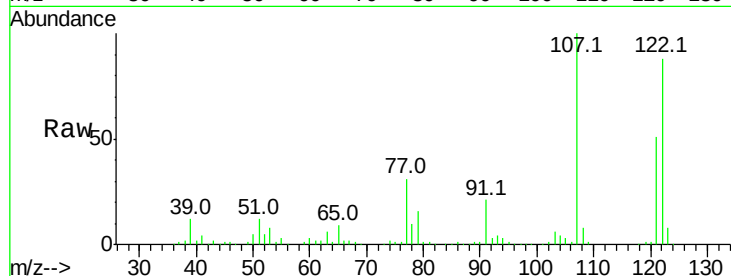




#27
 2,4-Dimethylphenol
 Concen: 47.286 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

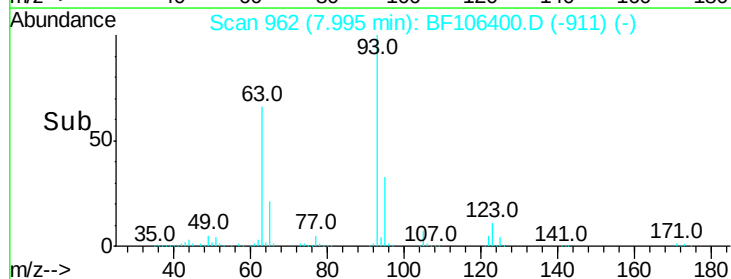
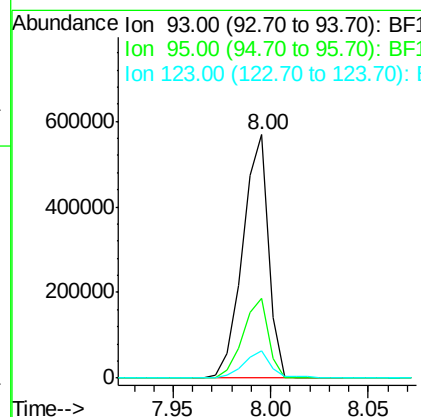
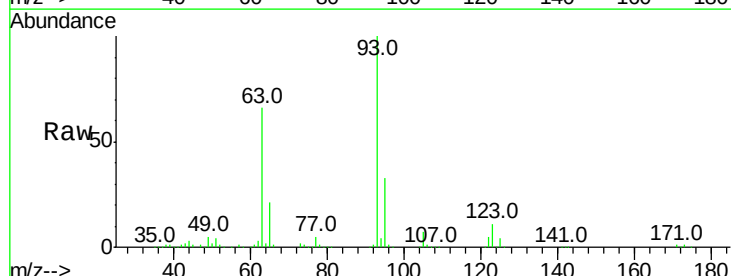
Instrument :
 BNA_F
 ClientSampleId :

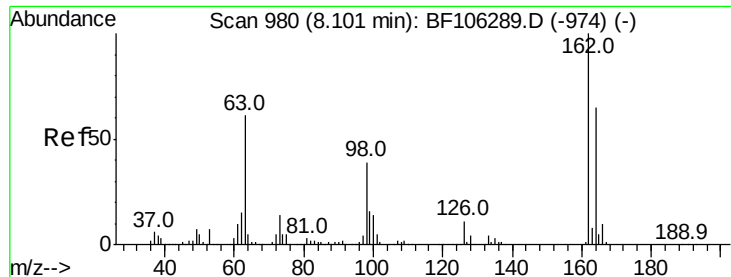
Tot Ion:122 Resp: 365744
 Ion Ratio Lower Upper
 122 100
 107 114.2 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.840 ng
 RT: 8.00 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion: 93 Resp: 519354
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.2 9.8 14.6

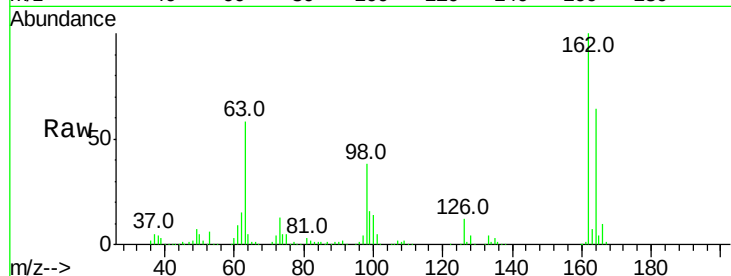




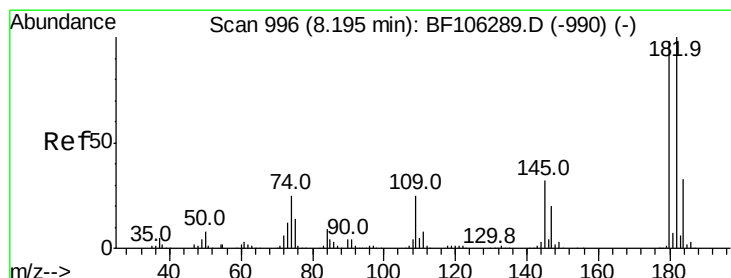
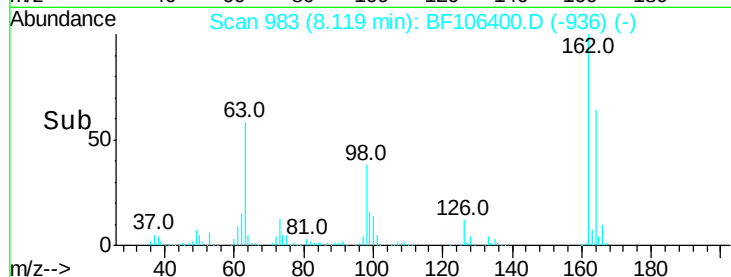
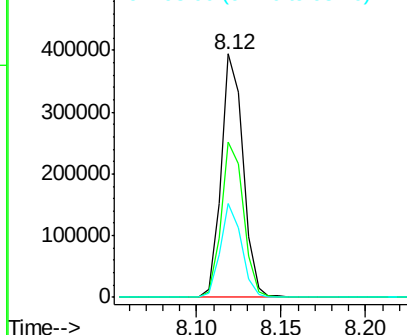
#29
2,4-Dichlorophenol
Concen: 47.964 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 357901
Ion Ratio Lower Upper
162 100
164 64.0 42.7 82.7
98 38.3 18.1 58.1

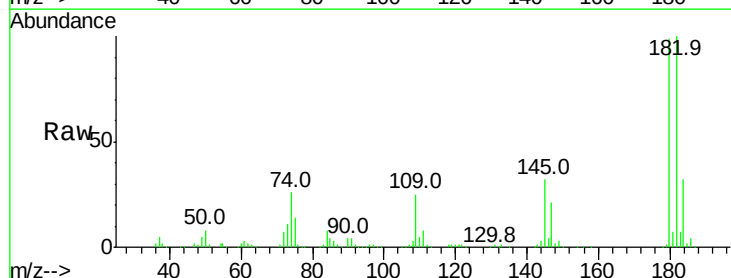


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

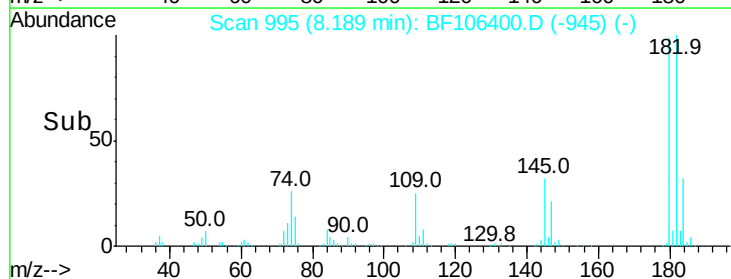
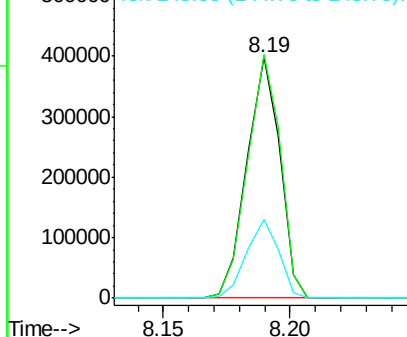


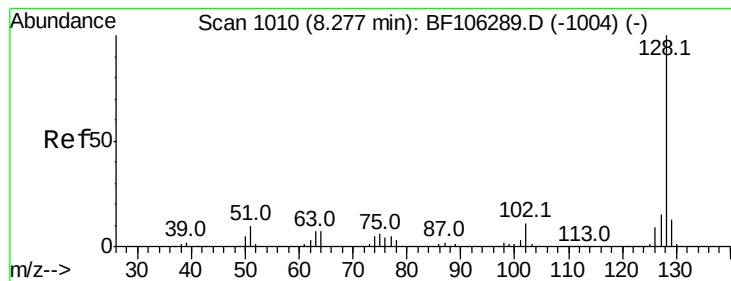
#30
1,2,4-Trichlorobenzene
Concen: 43.343 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:180 Resp: 362640
Ion Ratio Lower Upper
180 100
182 101.1 76.8 115.2
145 32.6 26.5 39.7



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





#31

Naphthalene

Concen: 43.344 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

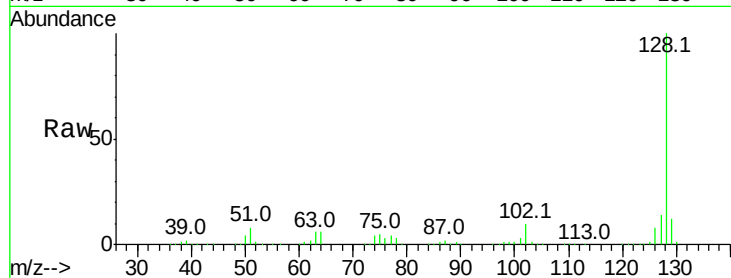
Tot Ion:128 Resp: 1078190

Ion Ratio Lower Upper

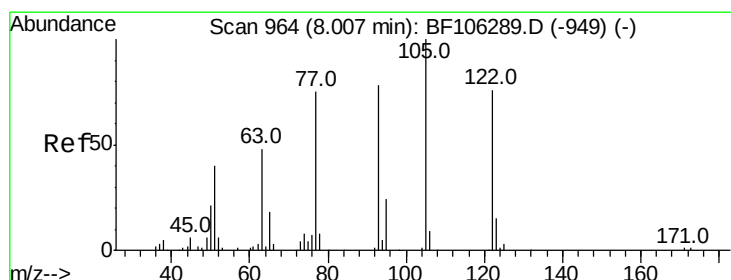
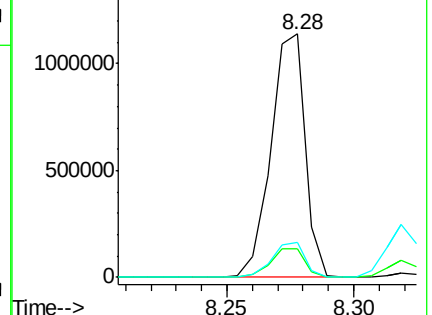
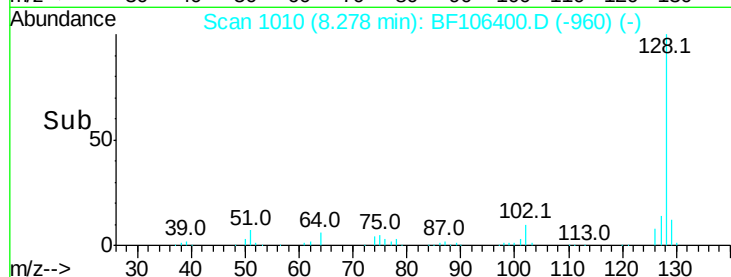
128 100

129 12.0 8.8 13.2

127 14.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.779 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

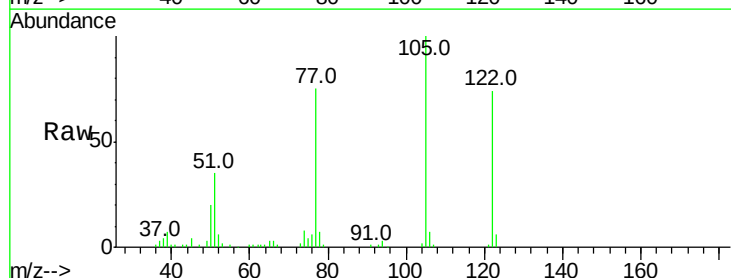
Tgt Ion:122 Resp: 124371

Ion Ratio Lower Upper

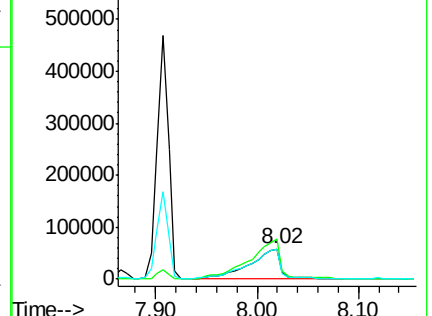
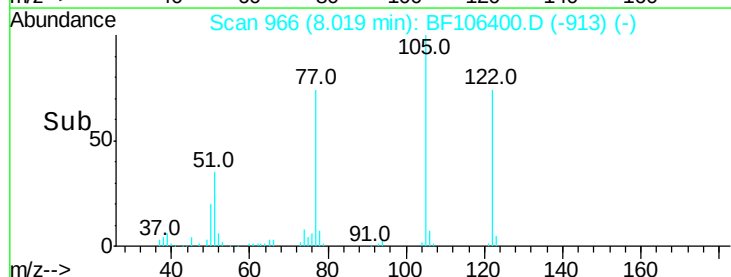
122 100

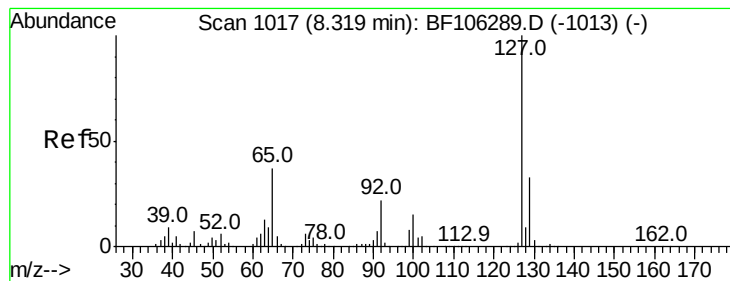
105 134.4 101.1 141.1

77 101.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 20.827 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 229595

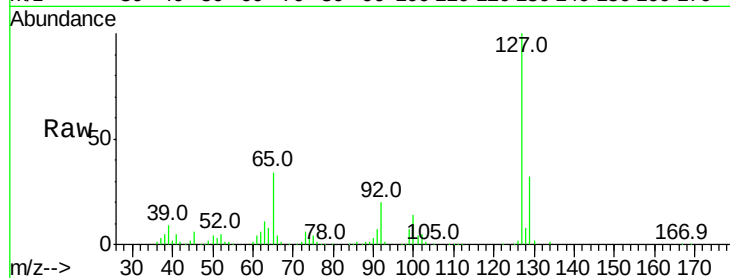
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 33.8 25.0 37.4

92 20.1 15.2 22.8

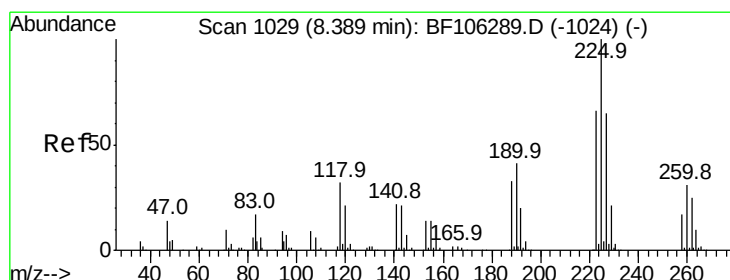
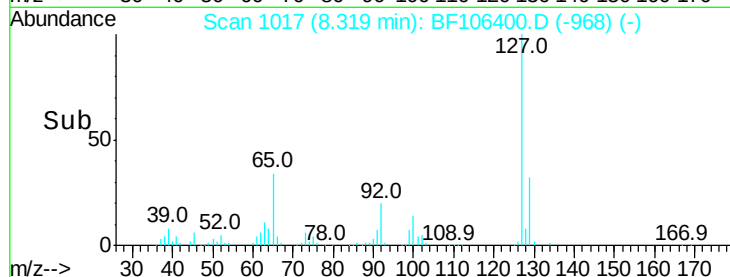
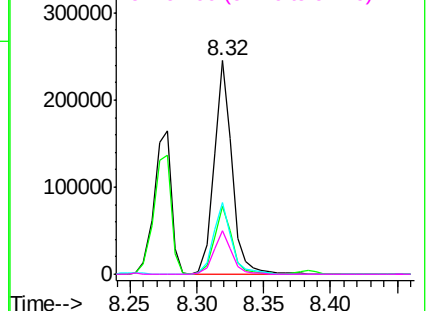


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.504 ng

RT: 8.38 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

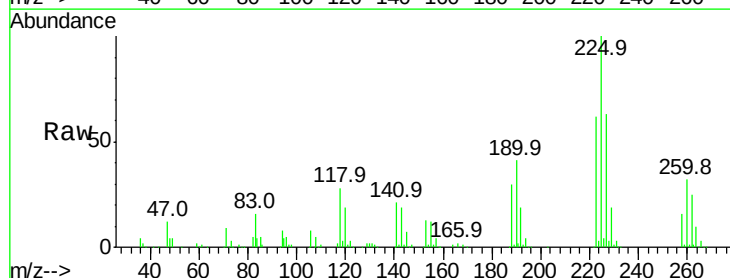
Tgt Ion:225 Resp: 228465

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

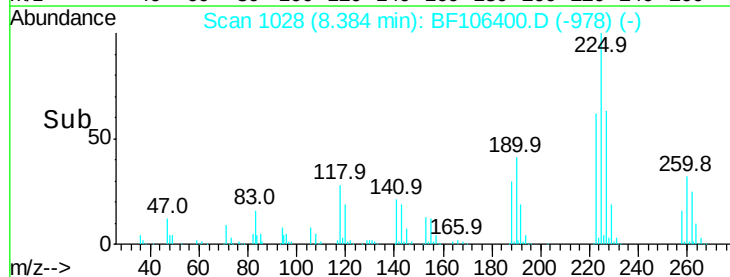
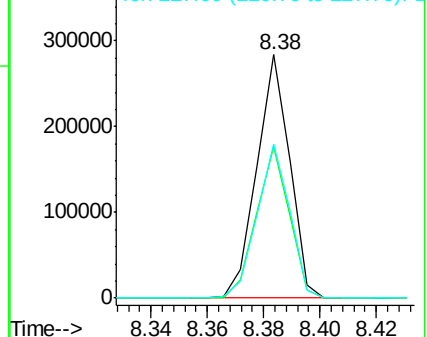
227 63.1 51.9 77.9

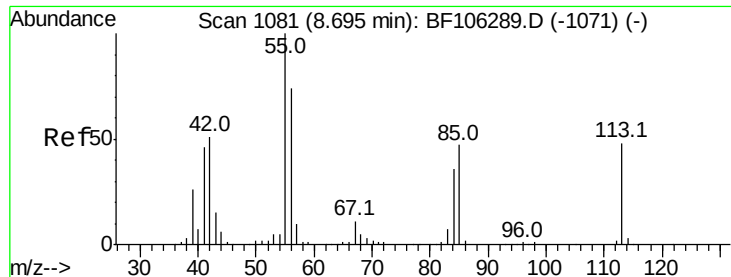


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

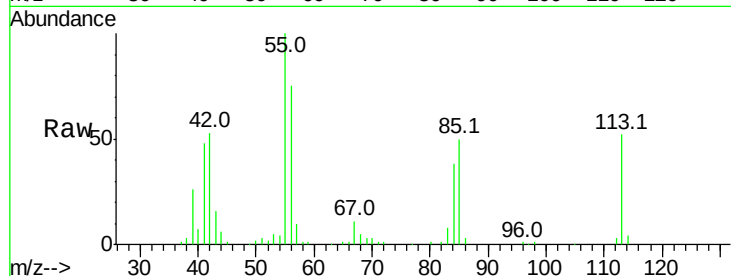




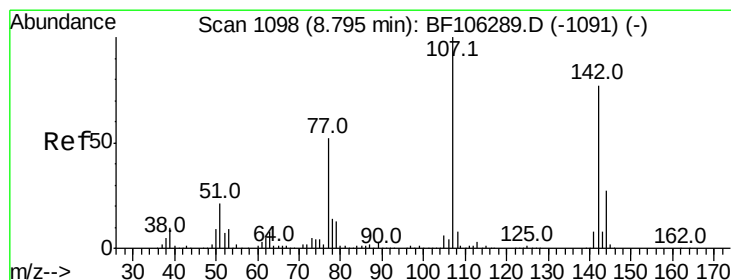
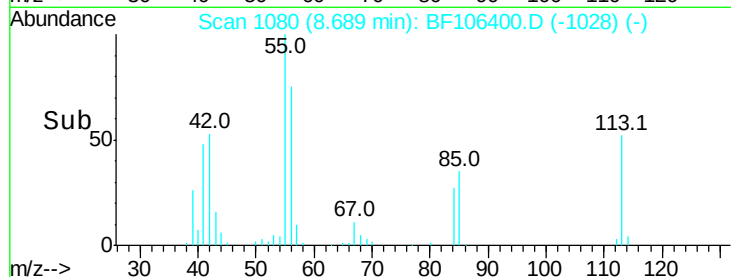
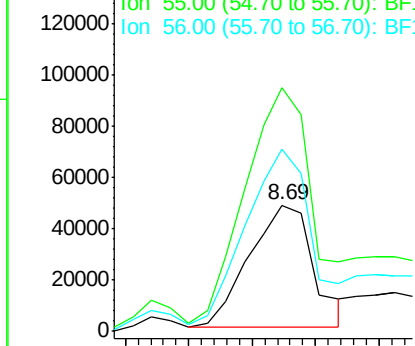
#35
 Caprolactam
 Concen: 26.193 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 66109
 Ion Ratio Lower Upper
 113 100
 55 193.4 163.3 203.3
 56 144.7 115.7 155.7

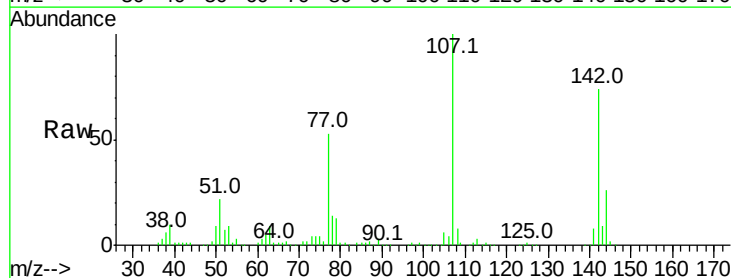


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

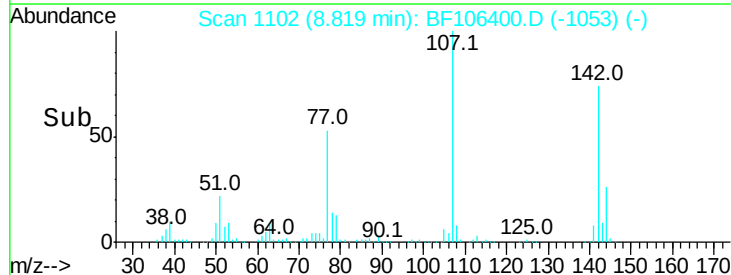
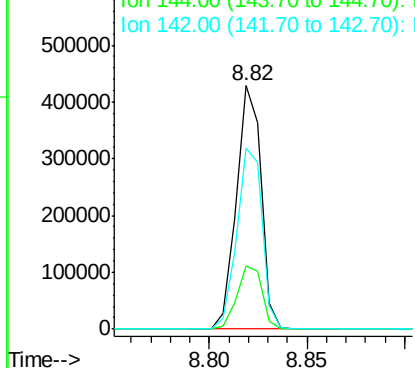


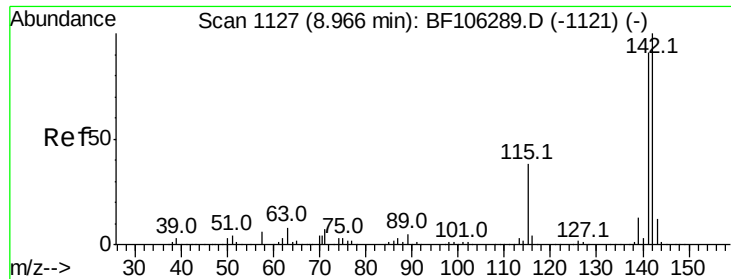
#36
 4-Chloro-3-methylphenol
 Concen: 45.597 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:107 Resp: 376358
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 74.3 62.0 93.0



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

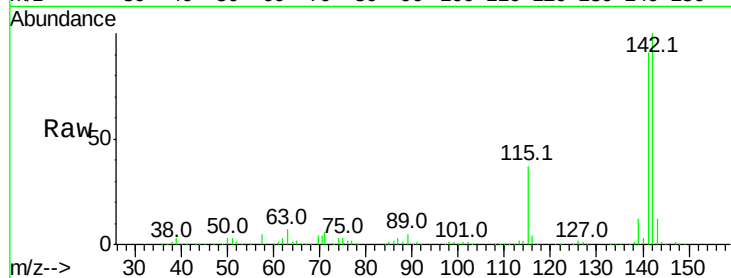




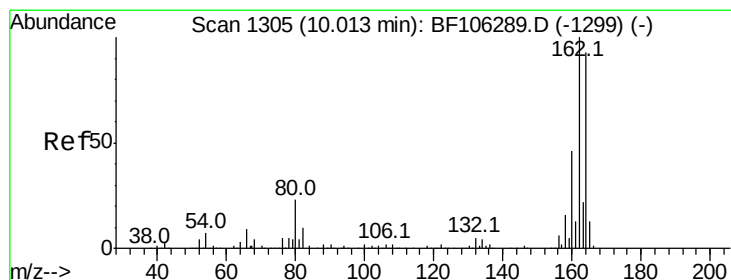
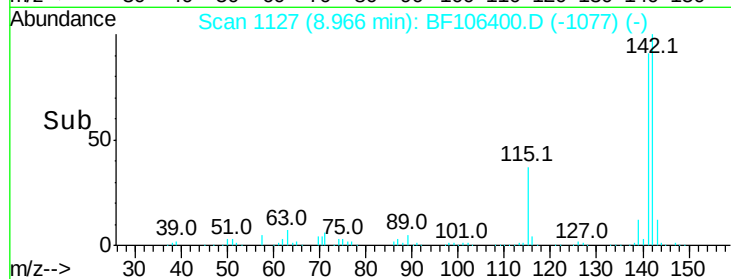
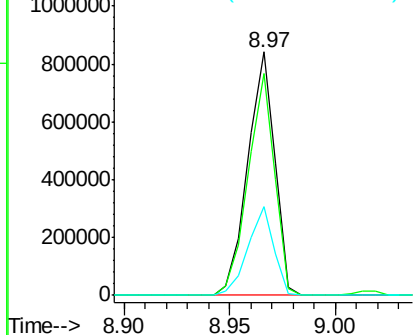
#37
 2-Methylnaphthalene
 Concen: 44.299 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 750540
 Ion Ratio Lower Upper
 142 100
 141 91.2 70.8 106.2
 115 36.7 26.1 39.1

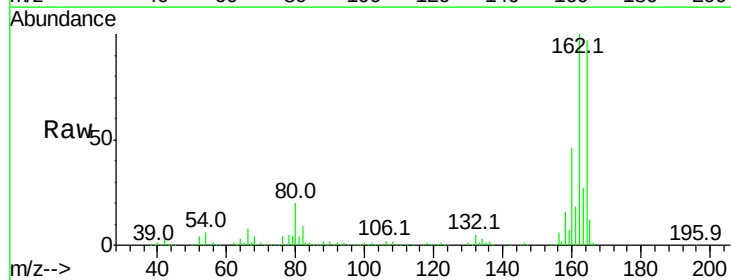


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

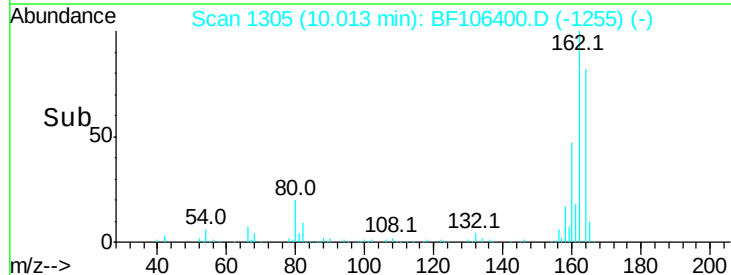
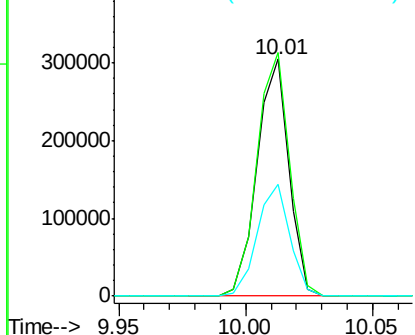


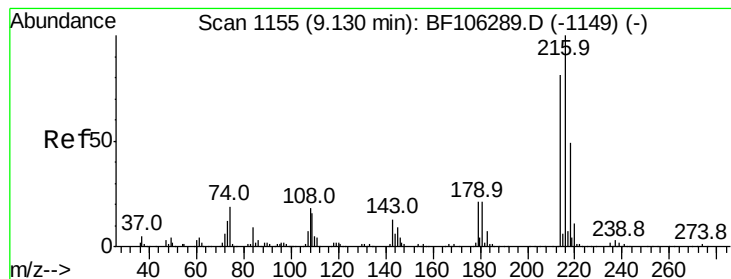
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:164 Resp: 267223
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 47.4 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: 44.028 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 381936

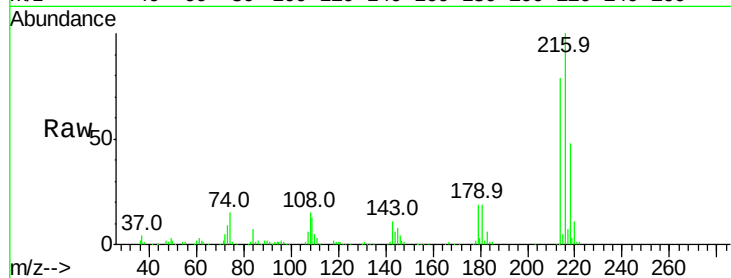
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.0 18.1 27.1

108 18.2 17.2 25.8

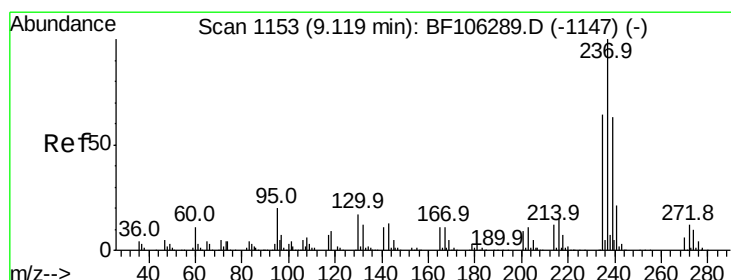
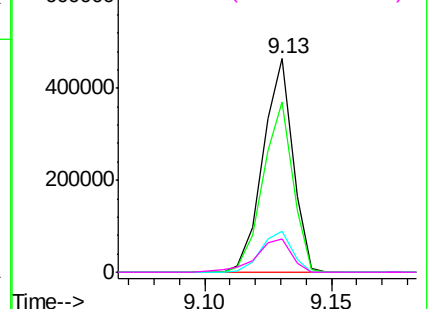
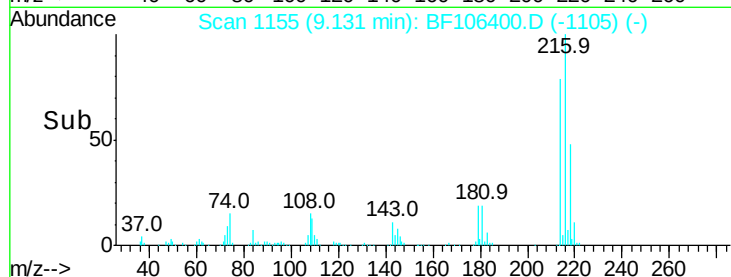


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.275 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

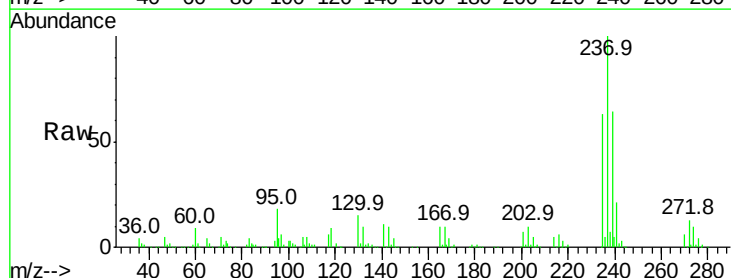
Tgt Ion:237 Resp: 183192

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

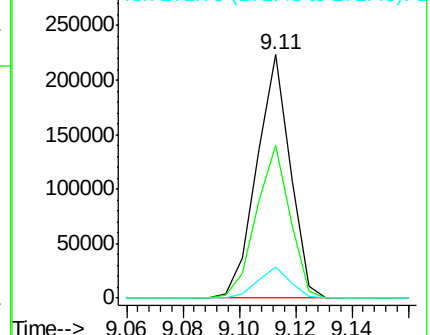
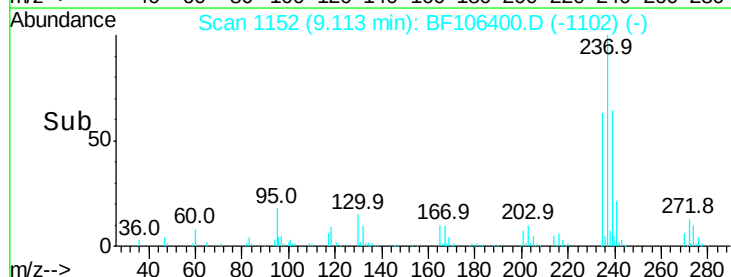
272 13.0 0.0 33.3

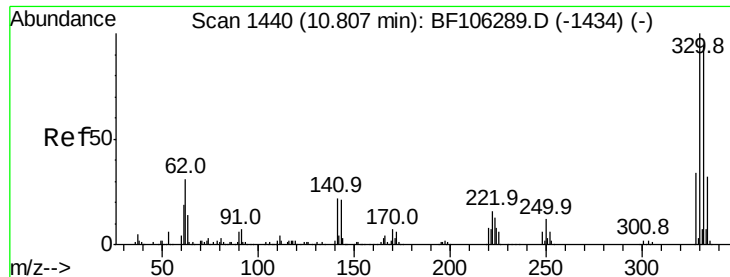


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 148.601 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

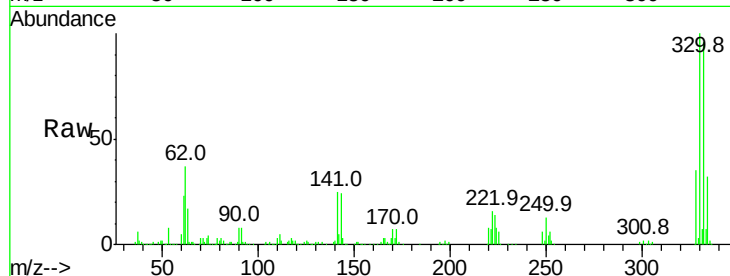
Tot Ion:330 Resp: 382075

Ion Ratio Lower Upper

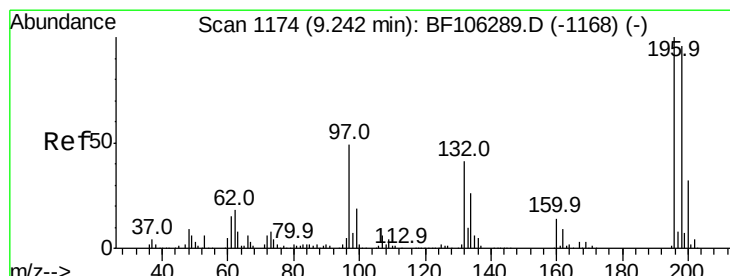
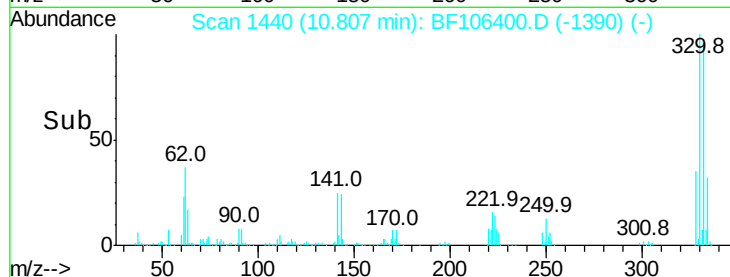
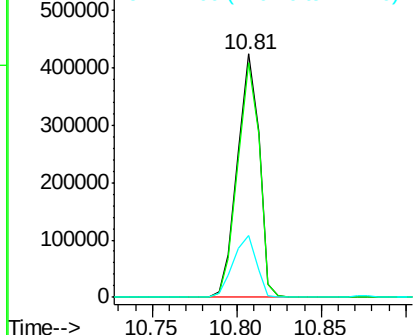
330 100

332 96.4 77.0 115.6

141 27.0 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: 48.999 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

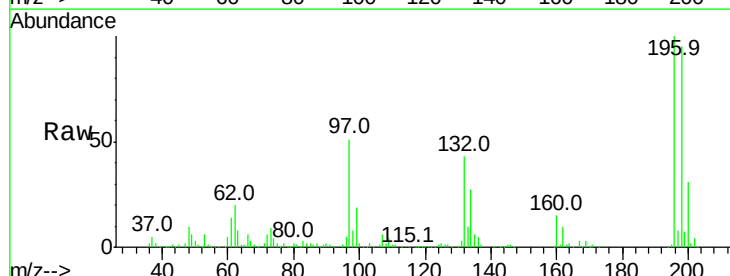
Tgt Ion:196 Resp: 270880

Ion Ratio Lower Upper

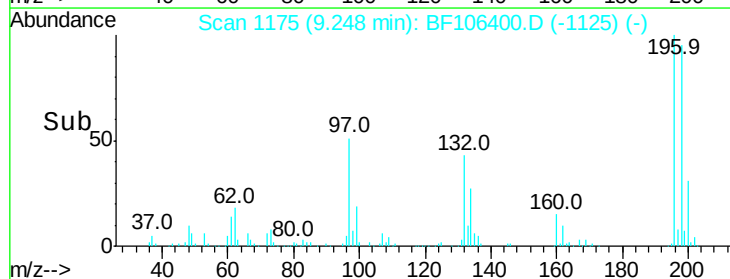
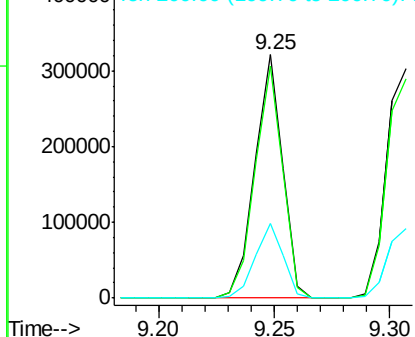
196 100

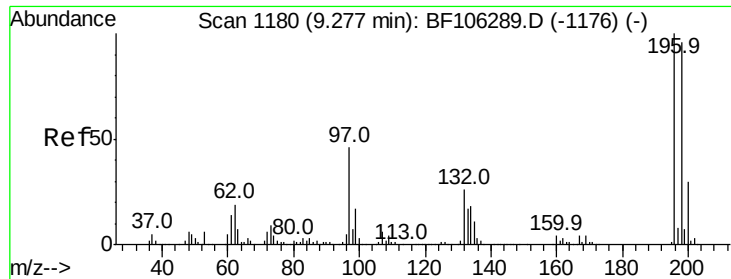
198 95.1 75.7 113.5

200 30.5 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

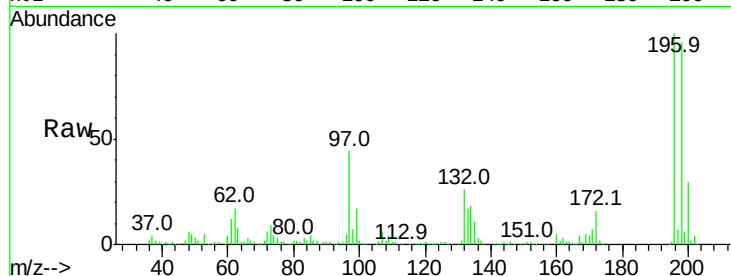




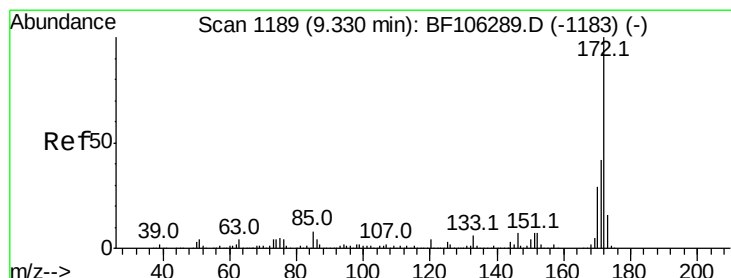
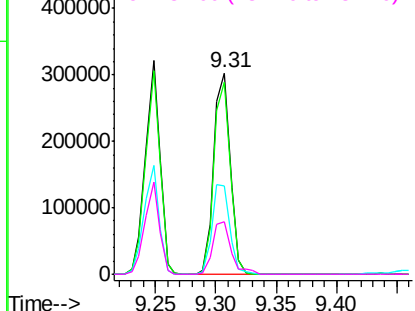
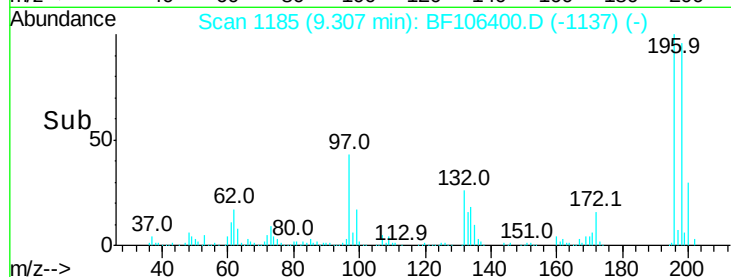
#43
 2,4,5-Trichlorophenol
 Concen: 47.717 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 284379
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 43.6 42.9 64.3
 132 25.8 26.3 39.5#

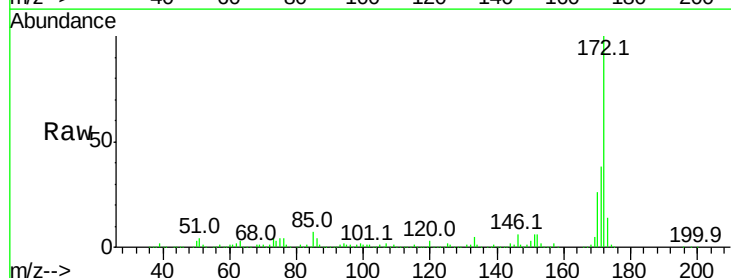


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

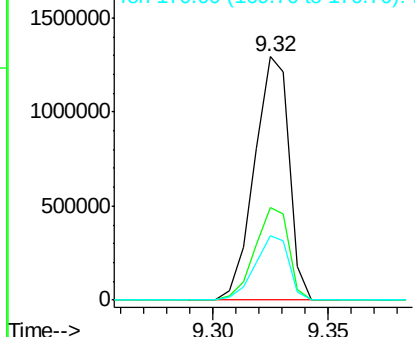
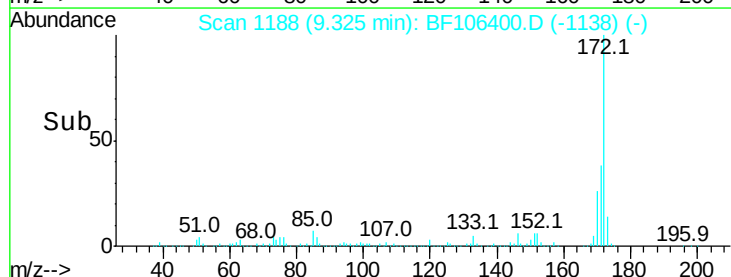


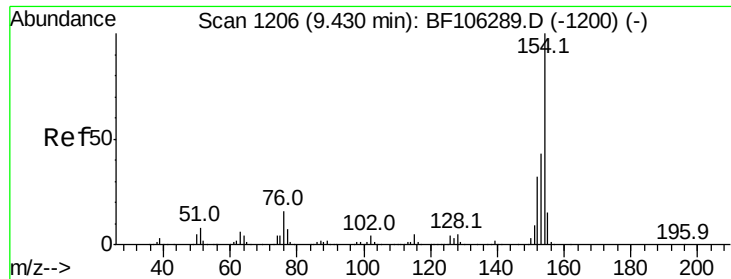
#44
 2-Fluorobiphenyl
 Concen: 92.234 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:172 Resp: 1351510
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 26.5 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 42.259 ng

RT: 9.43 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

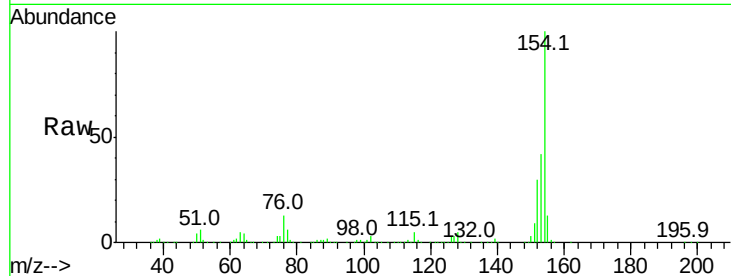
Tot Ion:154 Resp: 874676

Ion Ratio Lower Upper

154 100

153 42.4 21.3 61.3

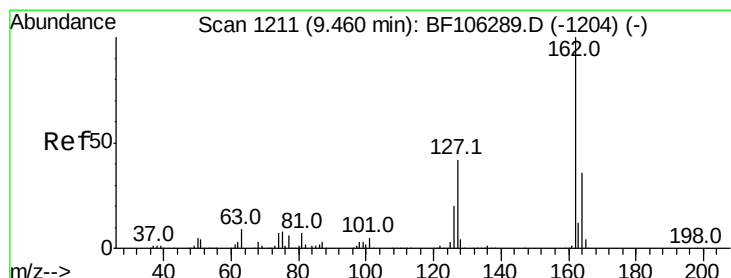
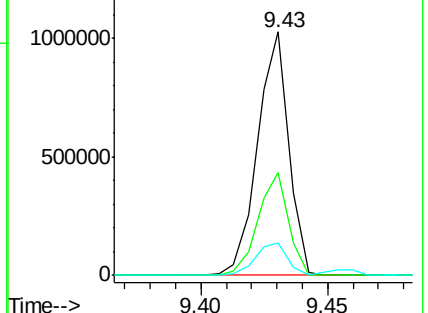
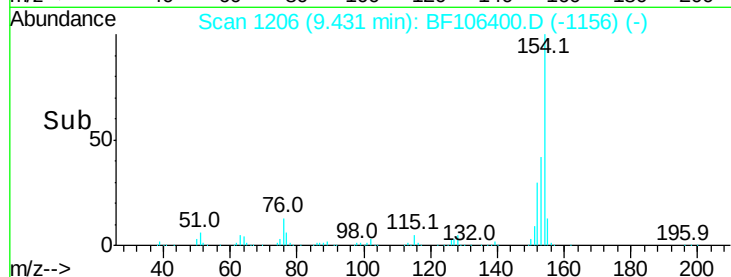
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.763 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

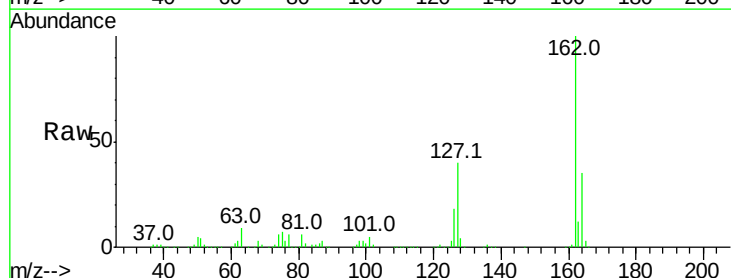
Tgt Ion:162 Resp: 708317

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

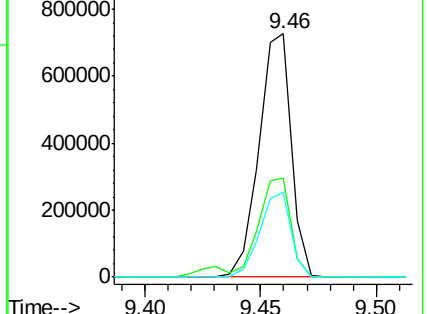
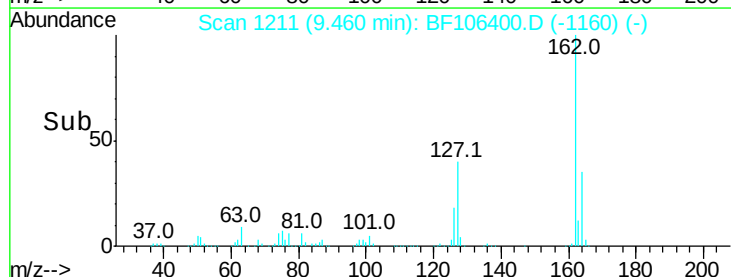
164 34.8 26.5 39.7

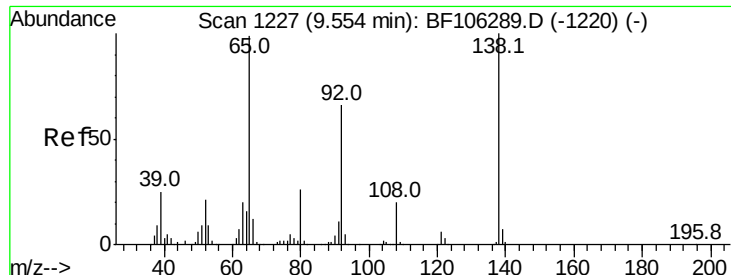


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

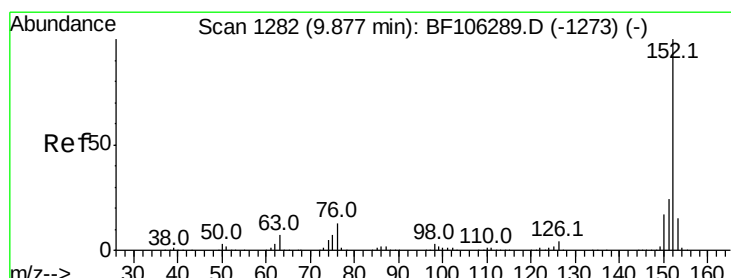
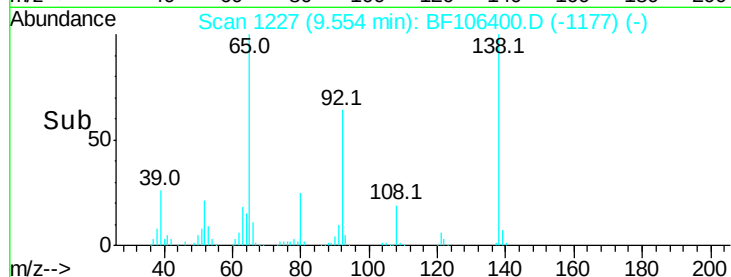
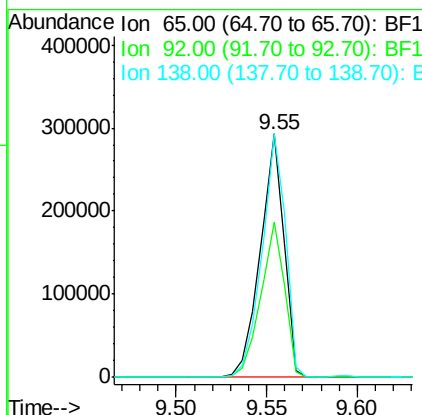
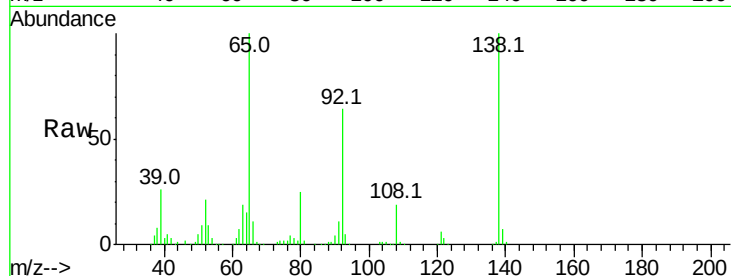




#47
2-Nitroaniline
Concen: 51.069 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

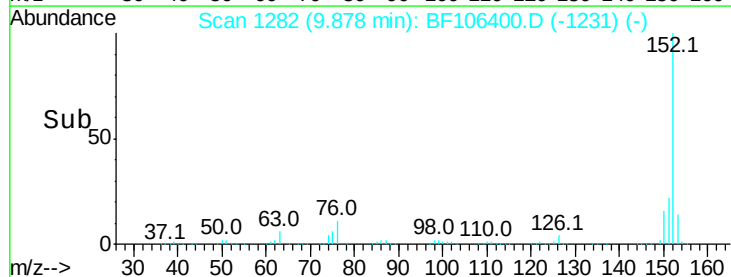
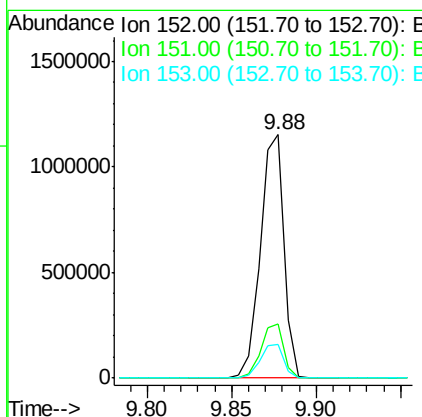
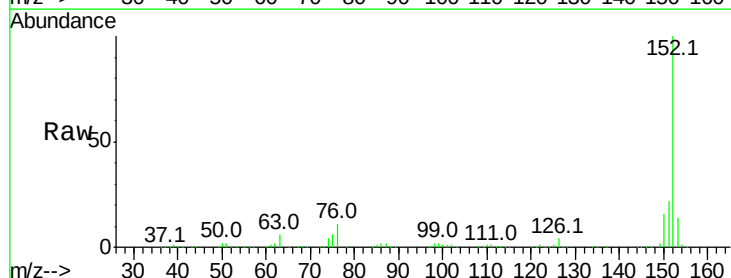
Instrument :
BNA_F
ClientSampleId :

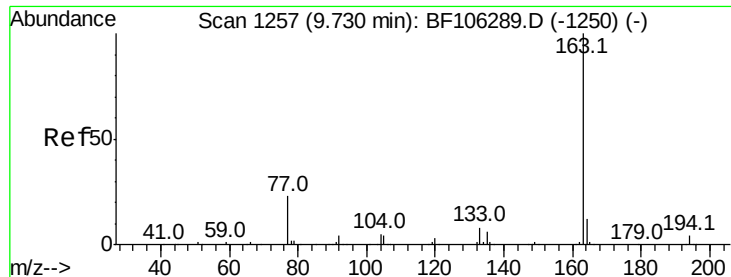
Tot Ion: 65 Resp: 266101
Ion Ratio Lower Upper
65 100
92 64.0 55.8 83.6
138 100.1 91.2 136.8



#48
Acenaphthylene
Concen: 43.947 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion: 152 Resp: 1114188
Ion Ratio Lower Upper
152 100
151 22.0 16.3 24.5
153 13.9 10.7 16.1

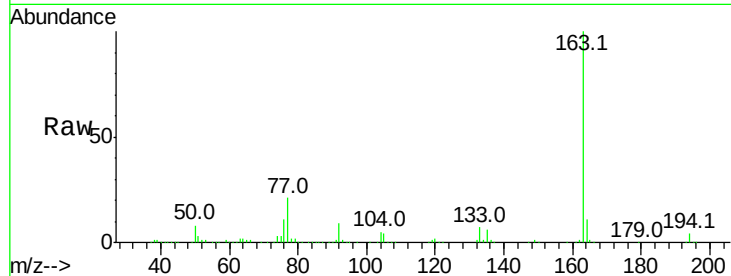




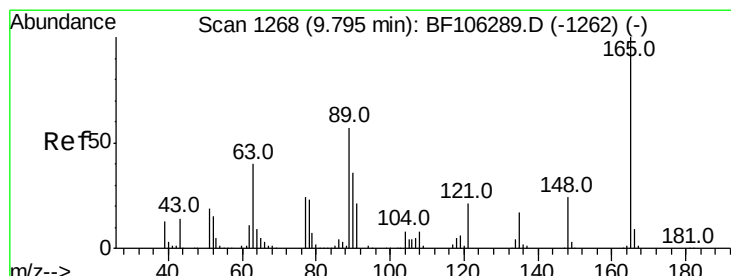
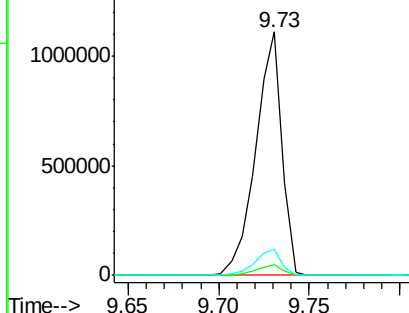
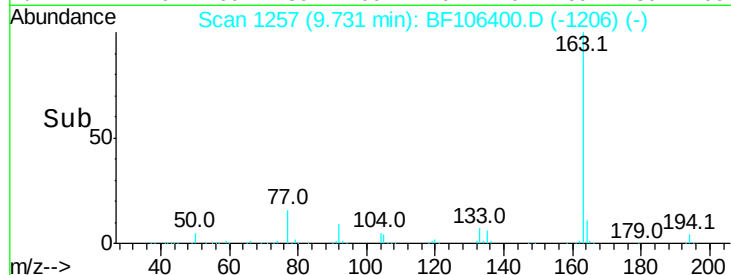
#49
Dimethylphthalate
Concen: 58.190 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1110933
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.5 8.2 12.2

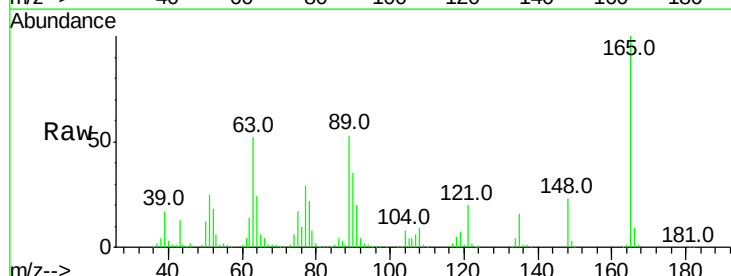


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

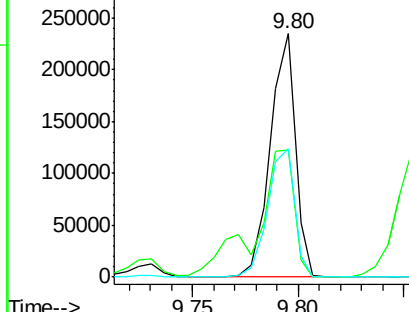
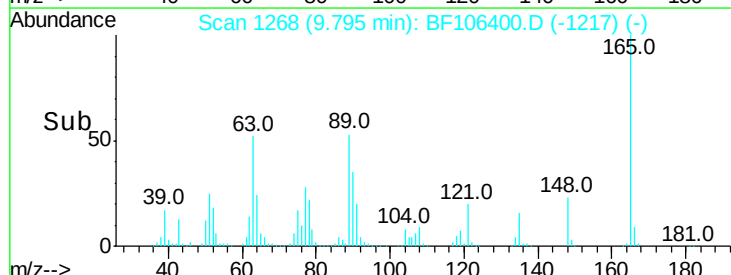


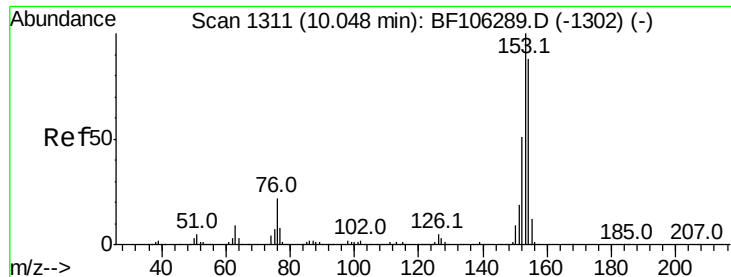
#50
2,6-Dinitrotoluene
Concen: 49.855 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:165 Resp: 194423
Ion Ratio Lower Upper
165 100
63 52.2 44.7 67.1
89 52.7 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: 43.475 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

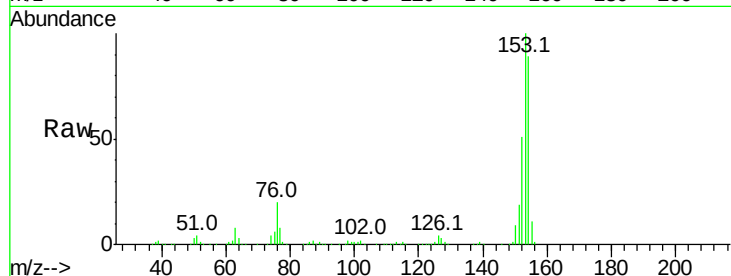
Tot Ion:154 Resp: 711815

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

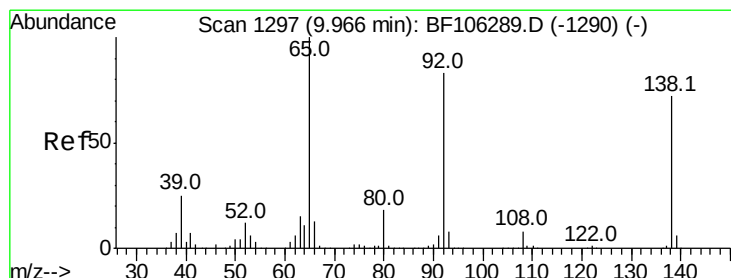
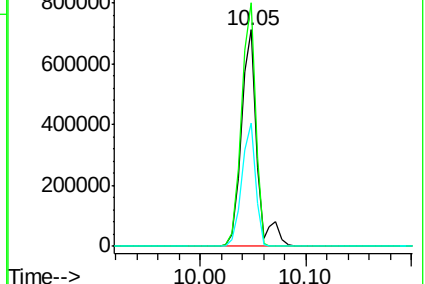
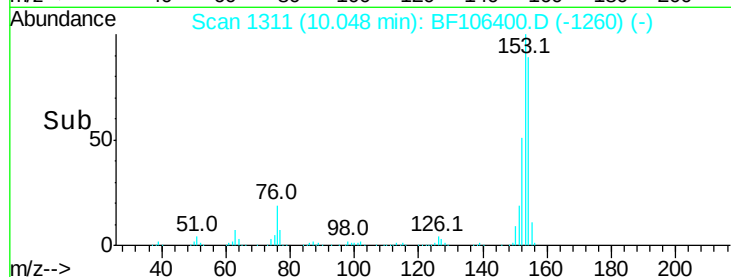
152 56.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.888 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

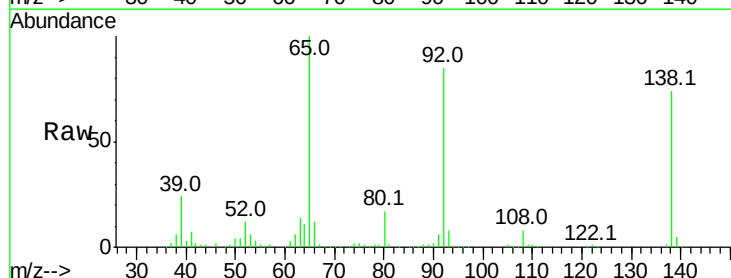
Tgt Ion:138 Resp: 142968

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

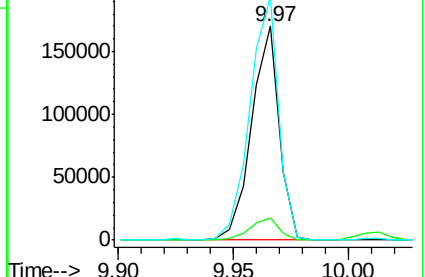
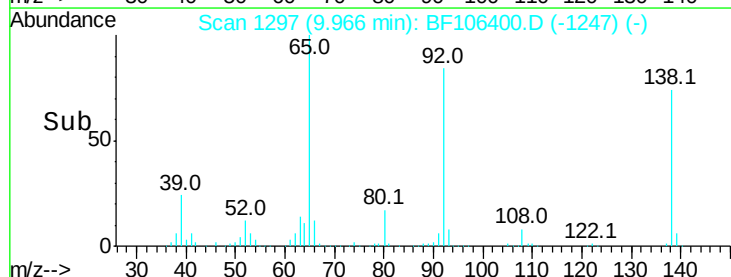
92 114.0 89.4 134.2

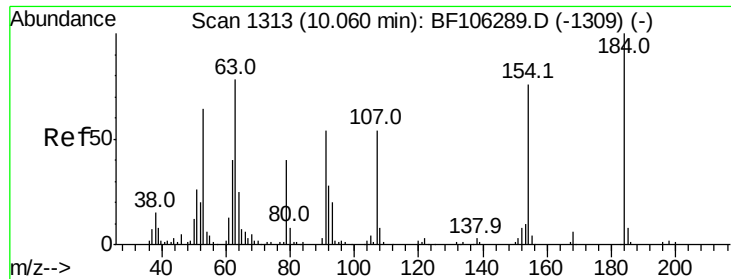


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

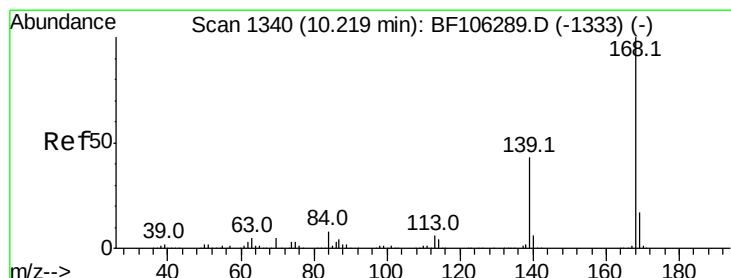
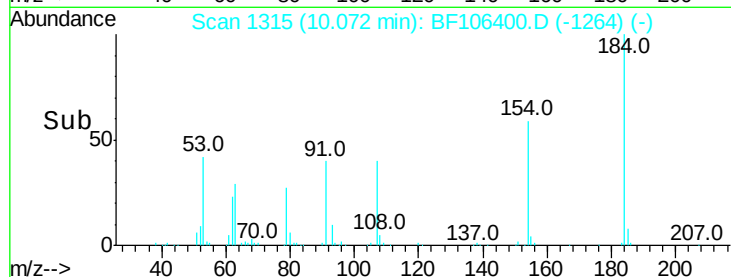
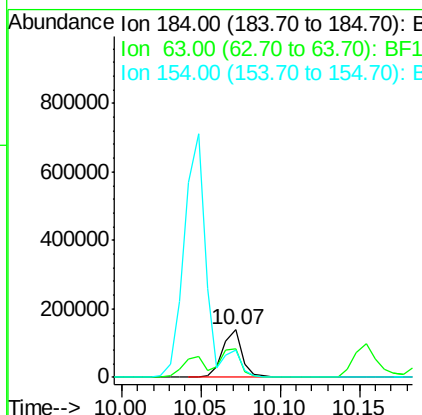
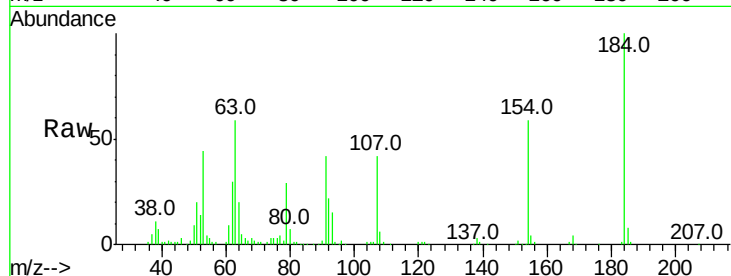




#53
2,4-Dinitrophenol
Concen: 68.254 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

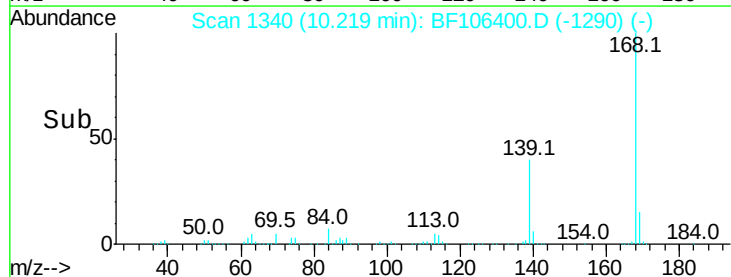
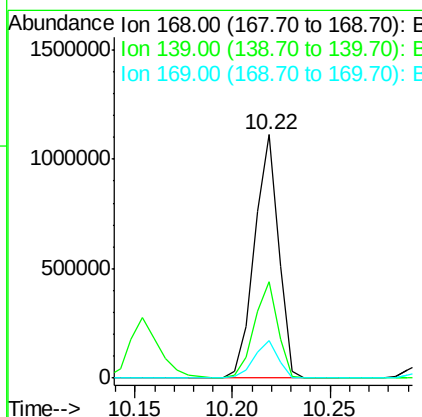
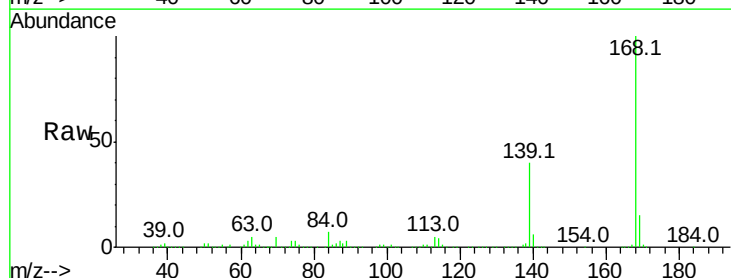
Instrument :
BNA_F
ClientSampled :

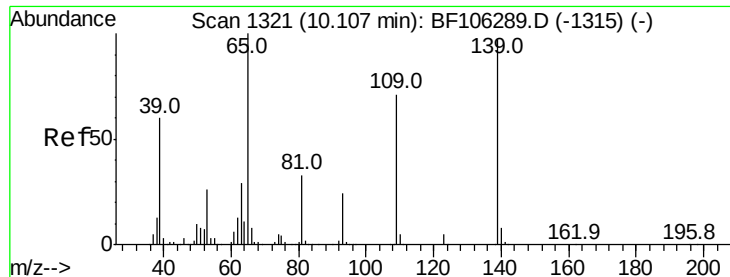
Tot Ion:184 Resp: 119669
Ion Ratio Lower Upper
184 100
63 59.3 54.2 81.2
154 58.8 184.0 276.0#



#54
Dibenzofuran
Concen: 43.060 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:168 Resp: 949380
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 15.3 10.9 16.3





#55

4-Nitrophenol

Concen: 82.579 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampled :

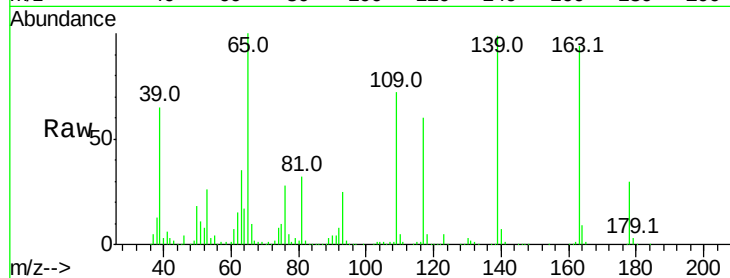
Tot Ion:139 Resp: 292974

Ion Ratio Lower Upper

139 100

109 72.0 48.4 88.4

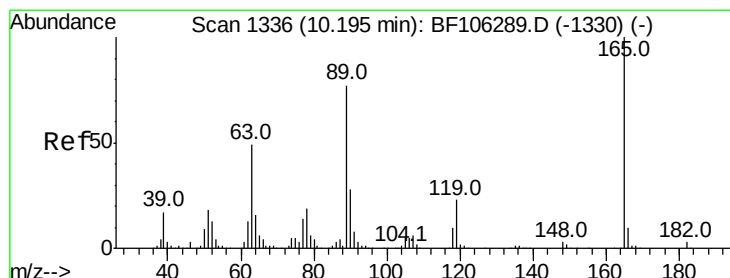
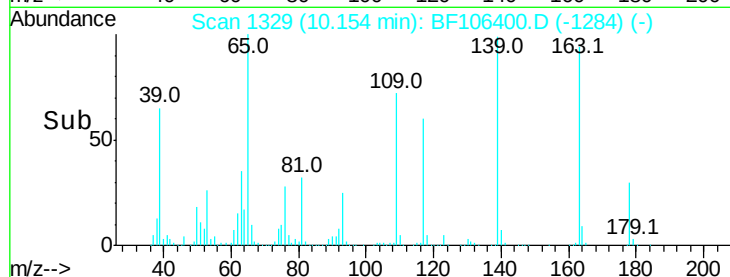
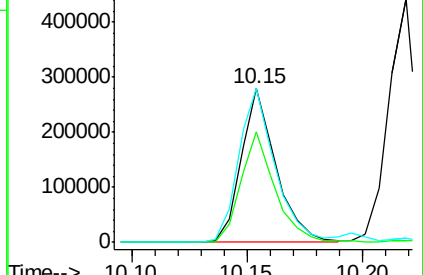
65 100.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 53.788 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Tgt Ion:165 Resp: 263408

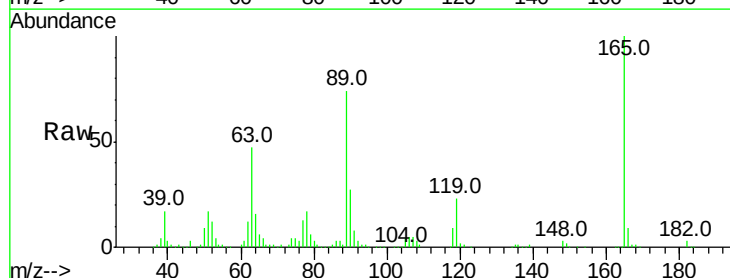
Ion Ratio Lower Upper

165 100

63 47.2 36.4 54.6

89 74.1 57.8 86.6

182 2.5 1.6 2.4#

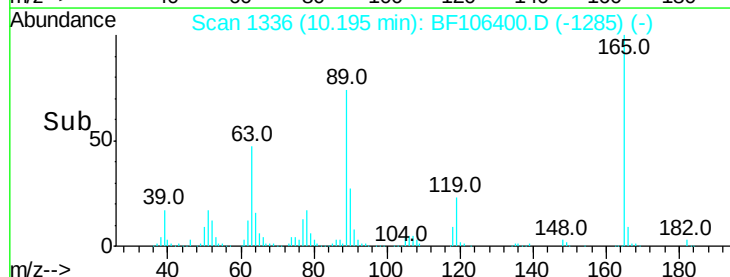
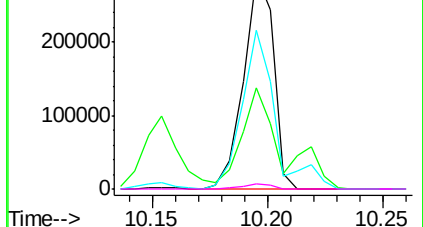


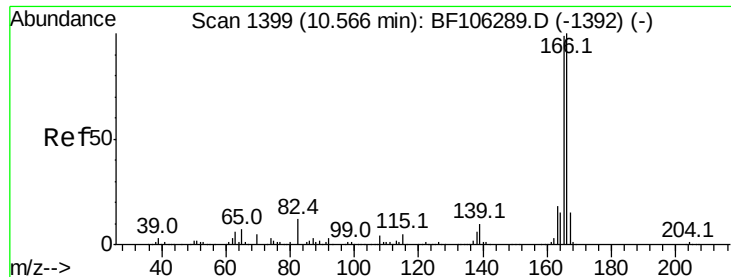
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

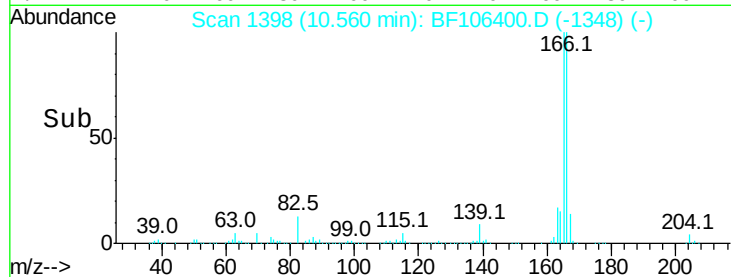
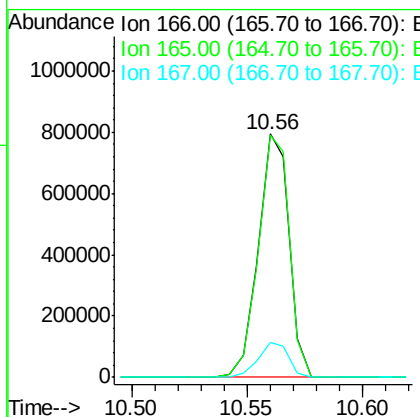
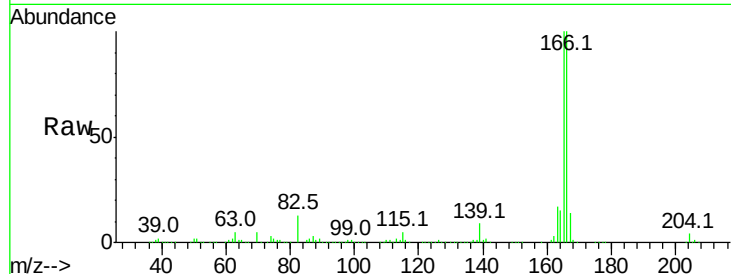




#57
 Fluorene
 Concen: 42.149 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

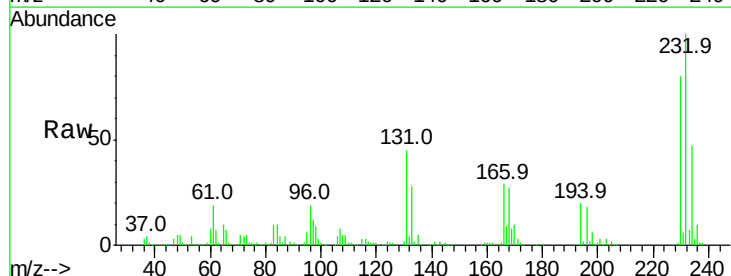
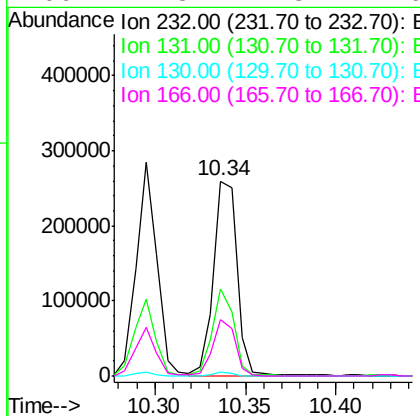
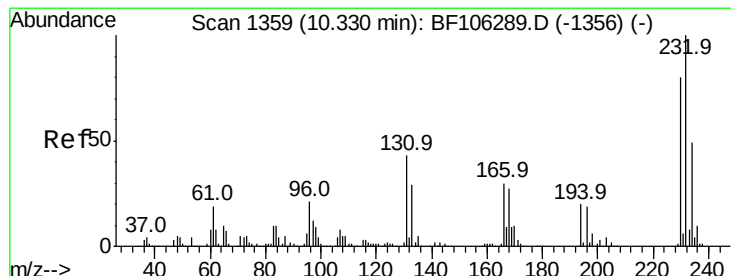
Instrument :
 BNA_F
 ClientSampleId :

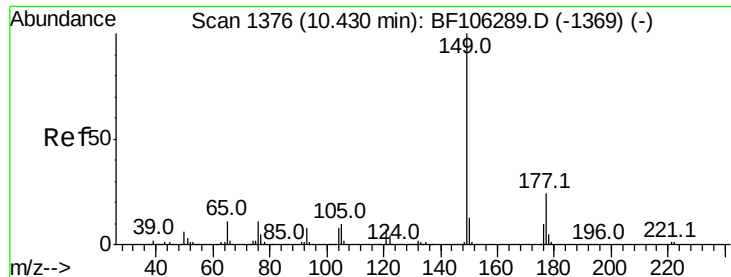
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.720 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	43.8	65.8#
130	1.9	2.1	3.1#
166	27.8	27.8	41.6

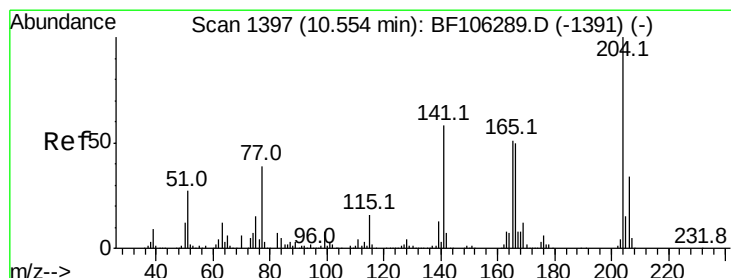
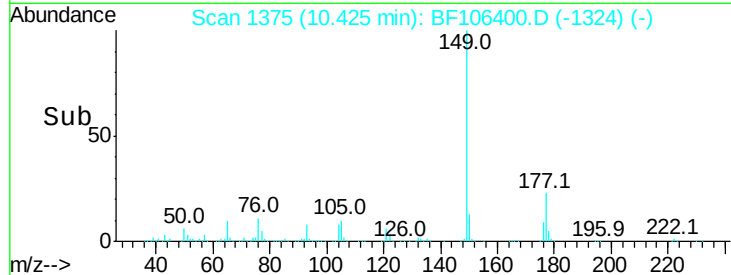
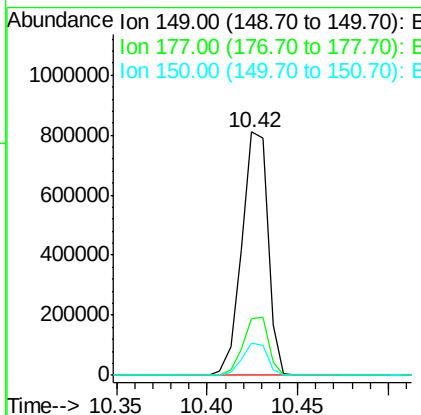
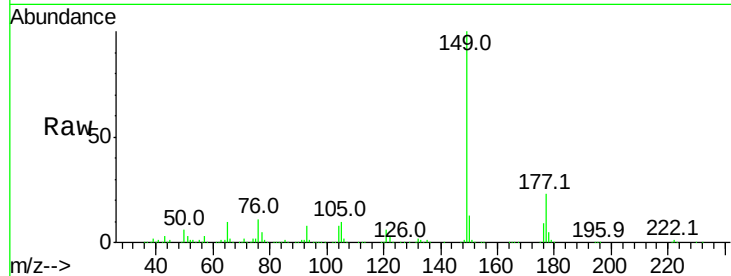




#59
 Diethylphthalate
 Concen: 42.879 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

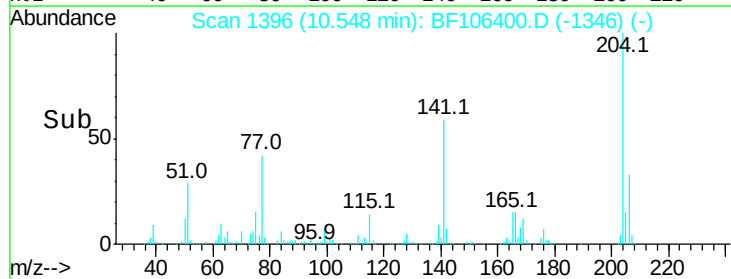
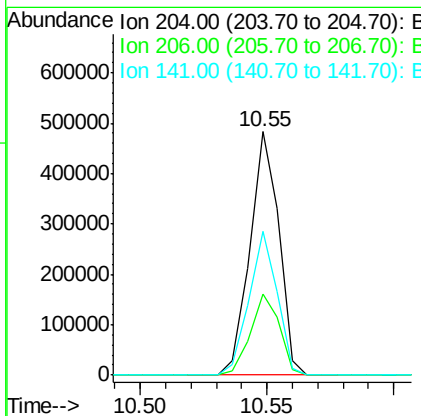
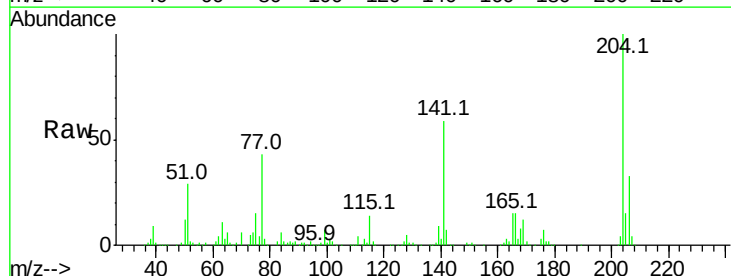
Instrument :
 BNA_F
 ClientSampled :

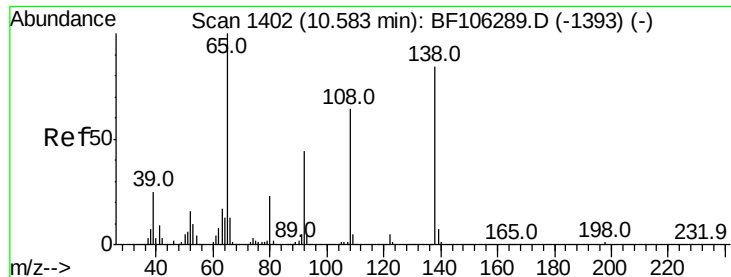
Tot Ion:	149	Resp:	812531
Ion	Ratio	Lower	Upper
149	100		
177	23.3	16.1	24.1
150	13.1	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 41.760 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:	204	Resp:	383679
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	59.0	54.6	81.8

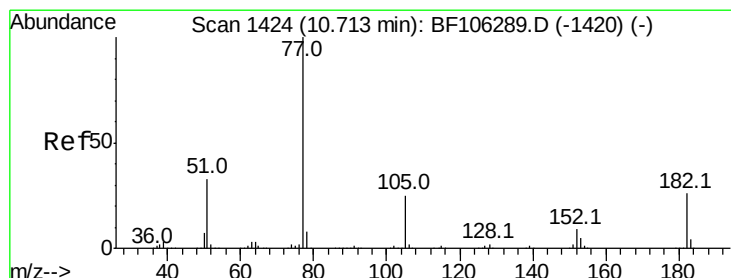
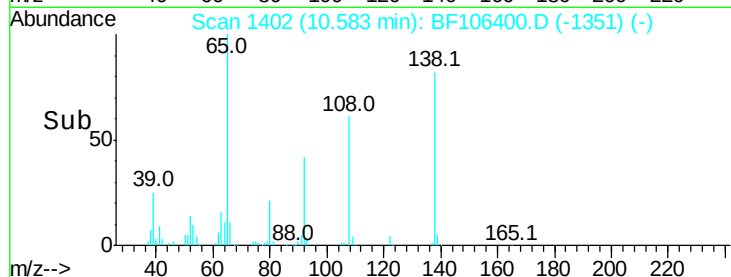
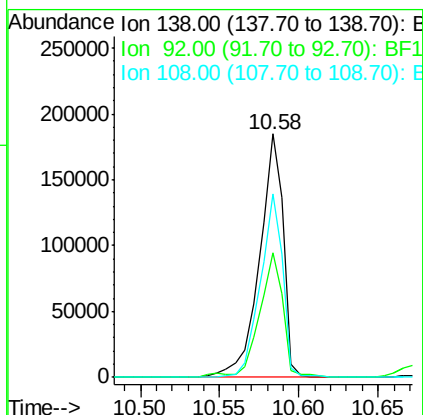
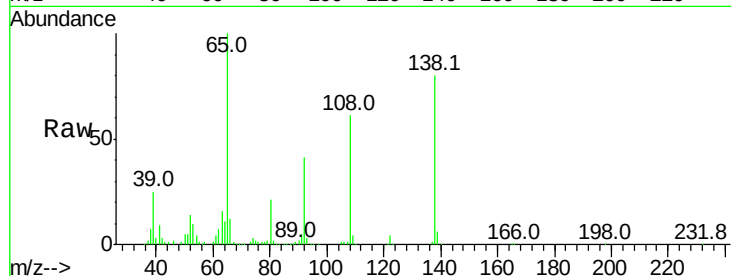




#61
4-Nitroaniline
Concen: 43.088 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

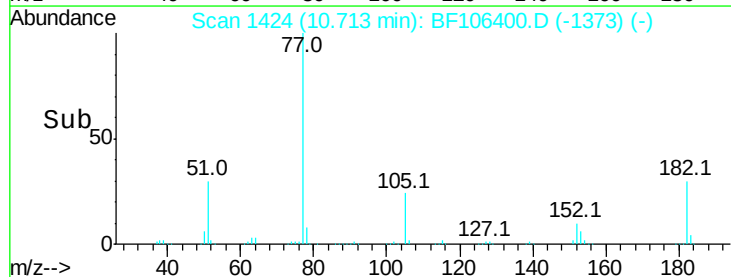
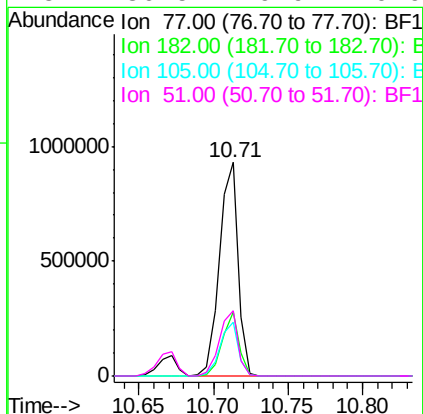
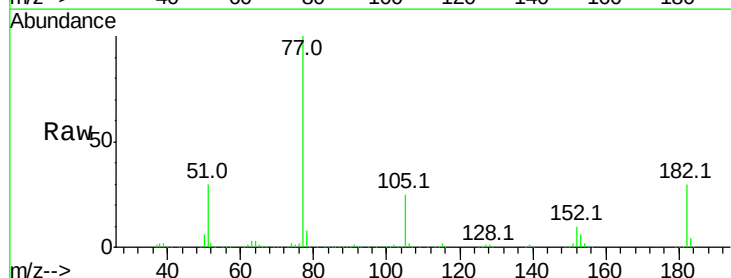
Instrument :
BNA_F
ClientSampleId :

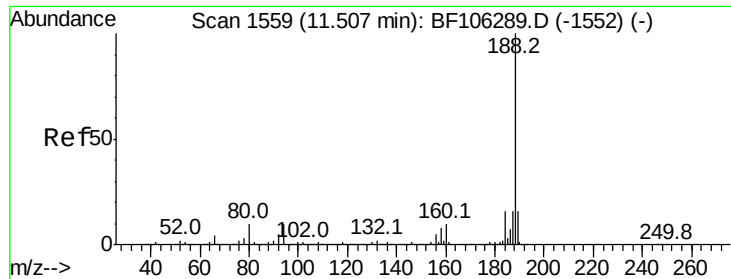
Tot Ion:138 Resp: 194037
Ion Ratio Lower Upper
138 100
92 51.1 30.2 70.2
108 75.6 52.5 92.5



#62
Azobenzene
Concen: 41.500 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion: 77 Resp: 819998
Ion Ratio Lower Upper
77 100
182 30.1 1.7 41.7
105 25.4 3.0 43.0
51 30.5 9.9 49.9

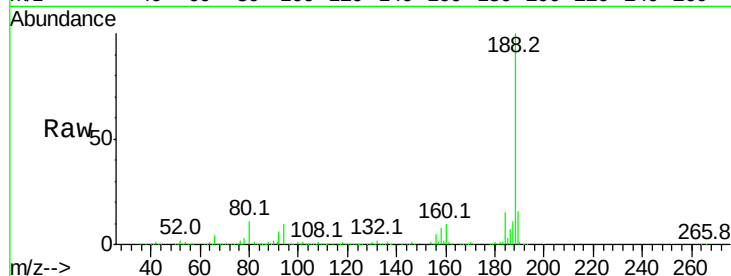




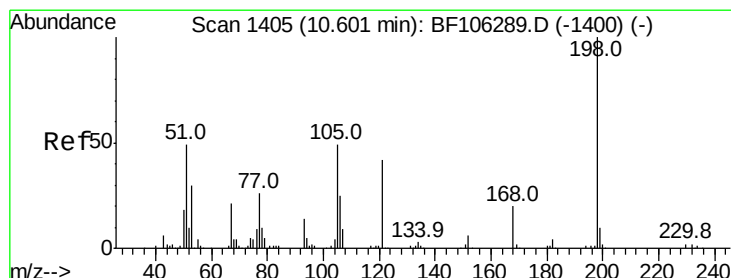
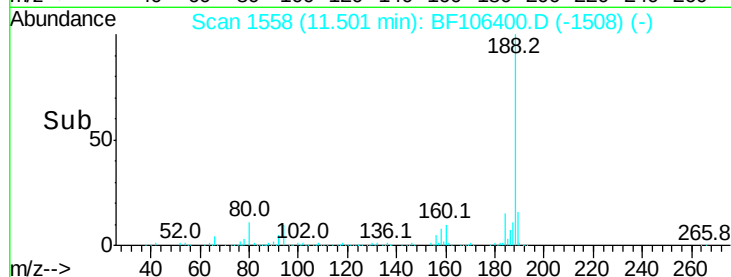
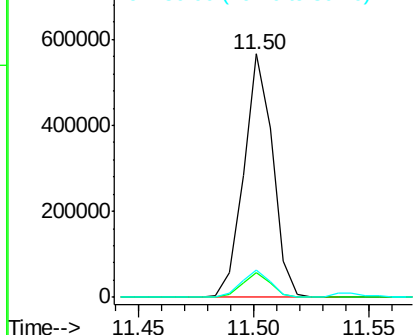
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 494566
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.3 9.2 13.8

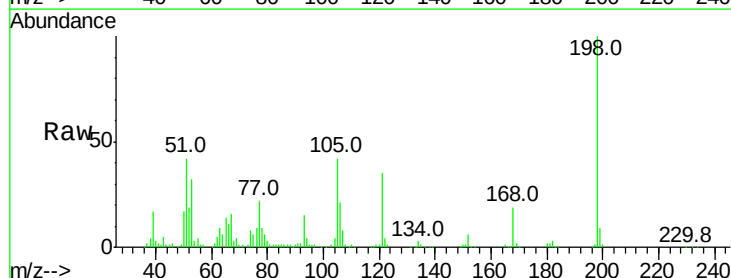


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

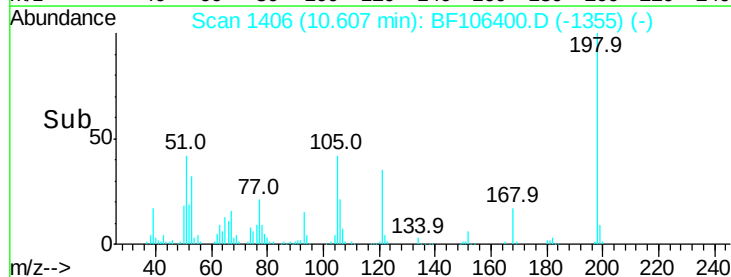
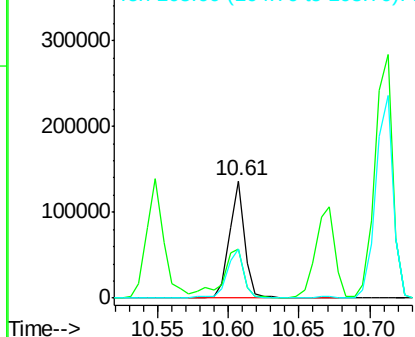


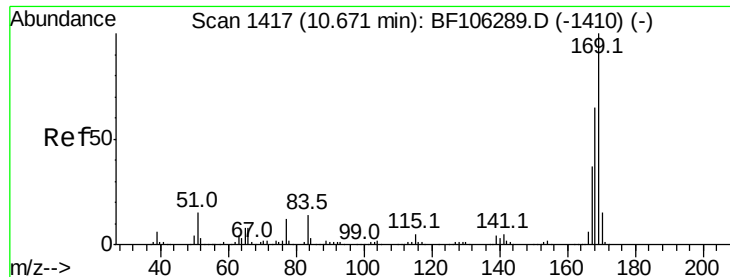
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.690 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:198 Resp: 102544
 Ion Ratio Lower Upper
 198 100
 51 41.7 37.7 77.7
 105 41.7 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: 43.440 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

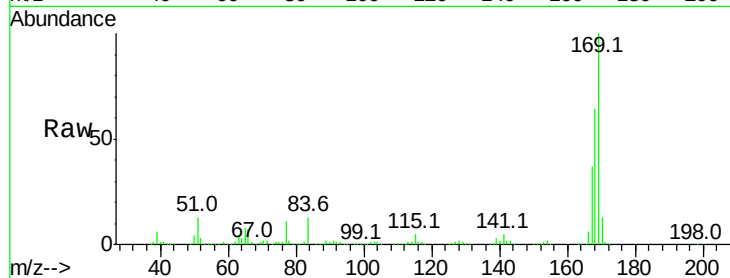
Tot Ion:169 Resp: 722035

Ion Ratio Lower Upper

169 100

168 64.3 54.4 81.6

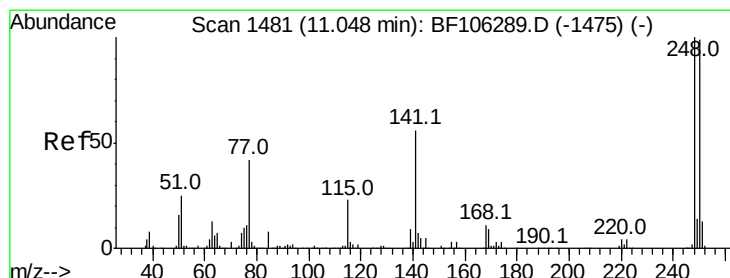
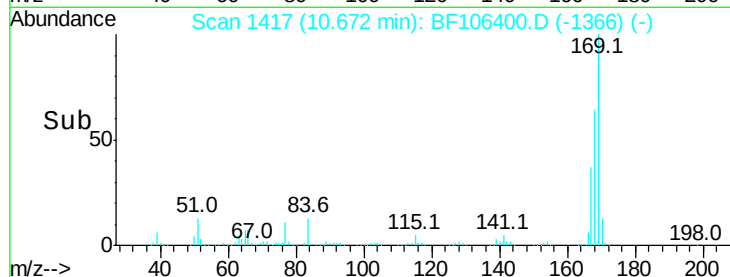
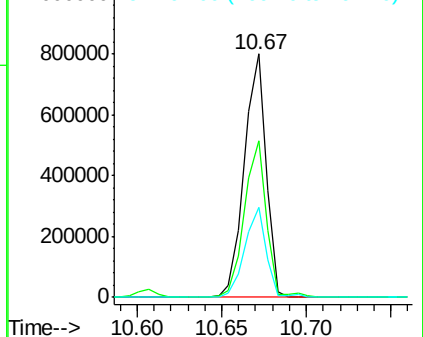
167 37.1 29.8 44.6



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: 47.170 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

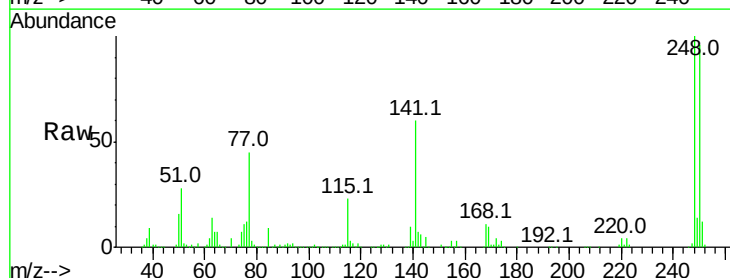
Tgt Ion:248 Resp: 265336

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

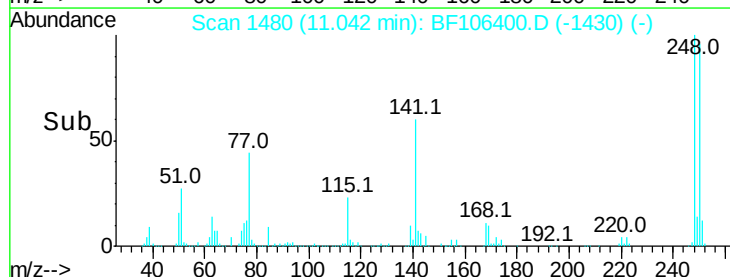
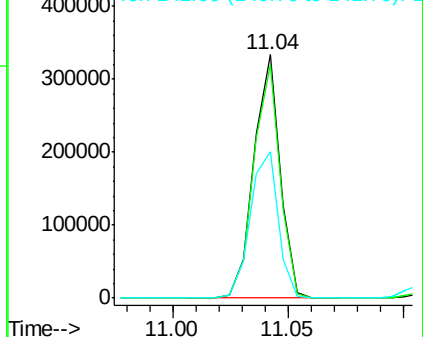
141 60.1 74.4 111.6#

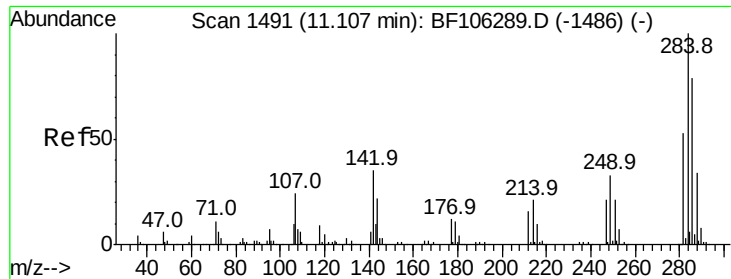


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.478 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

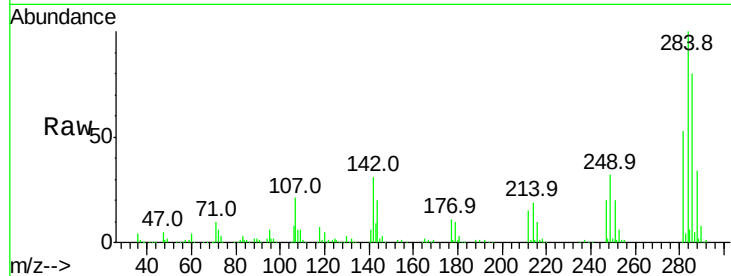
Tot Ion:284 Resp: 263739

Ion Ratio Lower Upper

284 100

142 31.3 34.6 52.0#

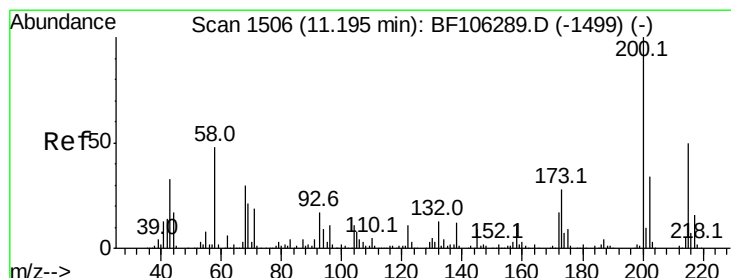
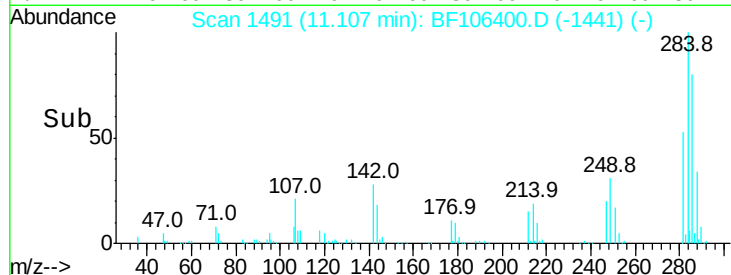
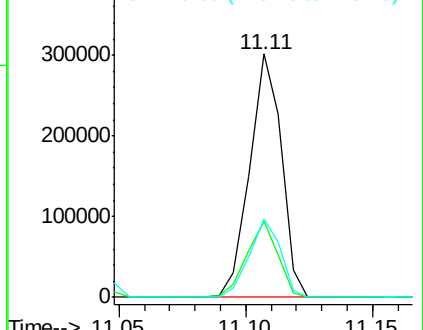
249 32.1 24.8 37.2



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: 46.358 ng

RT: 11.20 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

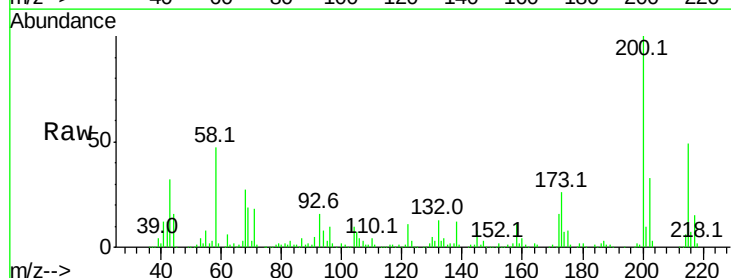
Tgt Ion:200 Resp: 237459

Ion Ratio Lower Upper

200 100

173 26.4 8.6 48.6

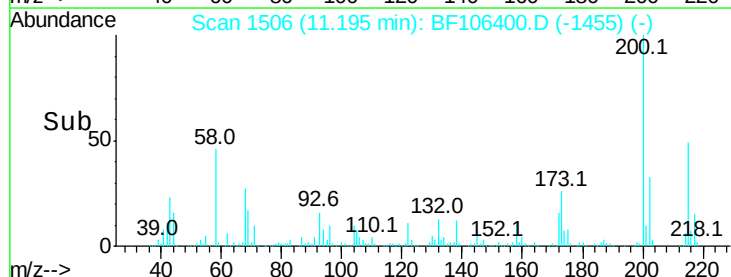
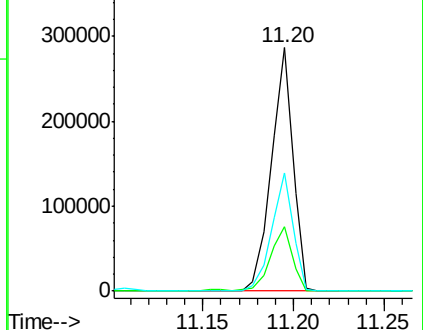
215 48.6 25.1 65.1

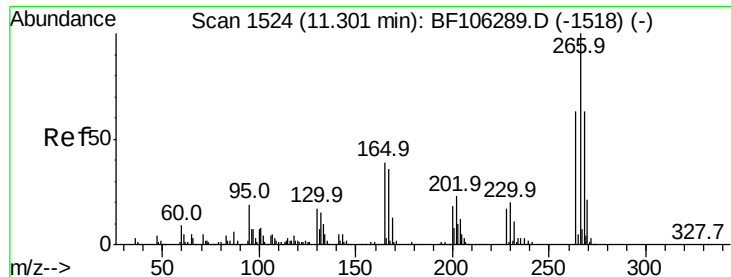


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 66.203 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

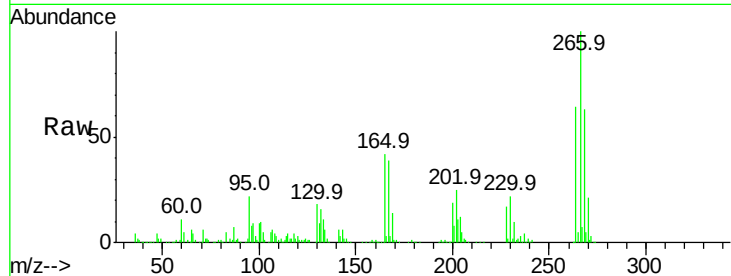
Tot Ion:266 Resp: 236372

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

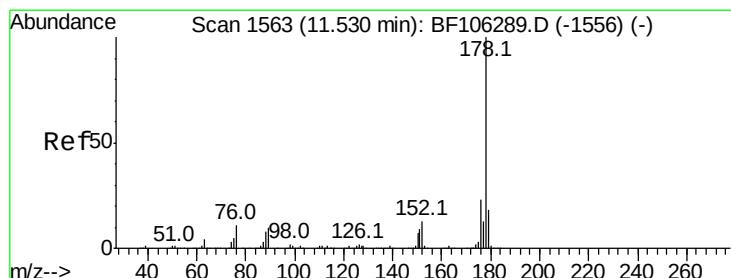
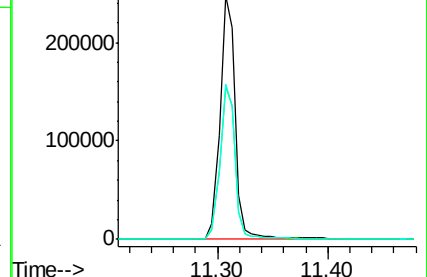
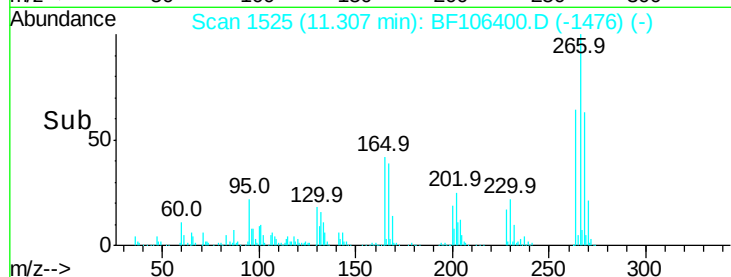
264 63.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.596 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

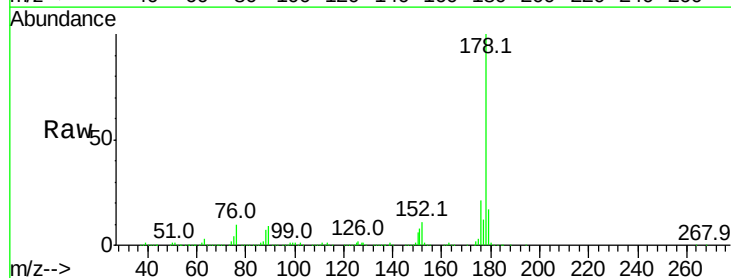
Tgt Ion:178 Resp: 1031720

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.8

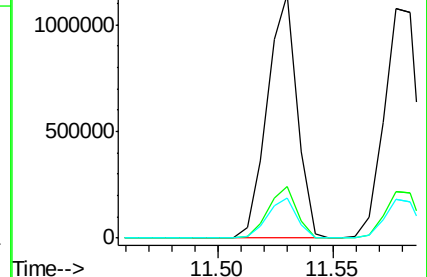
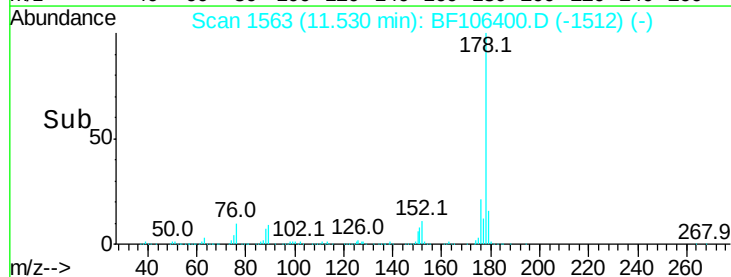
179 16.5 13.0 19.6

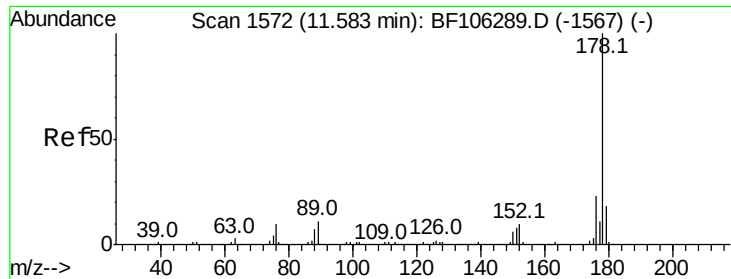


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

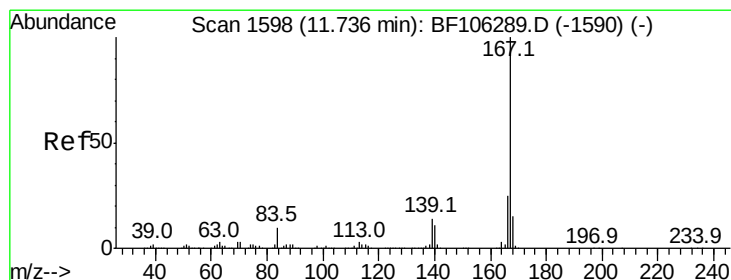
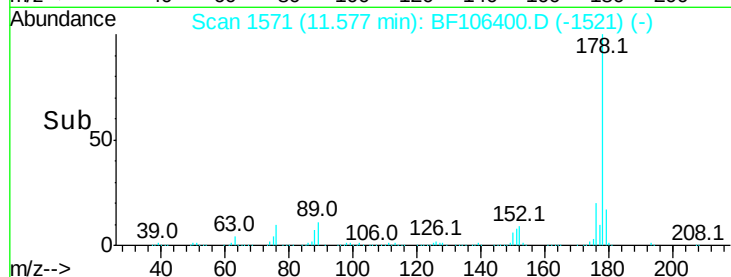
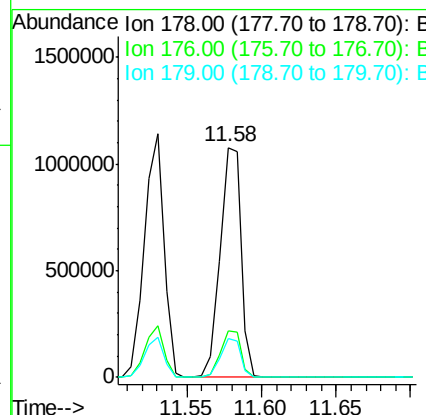
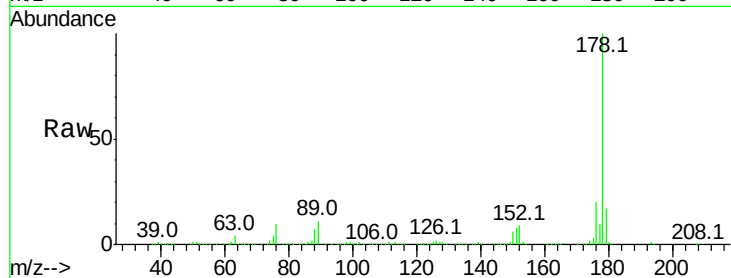




#71
 Anthracene
 Concen: 43.803 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

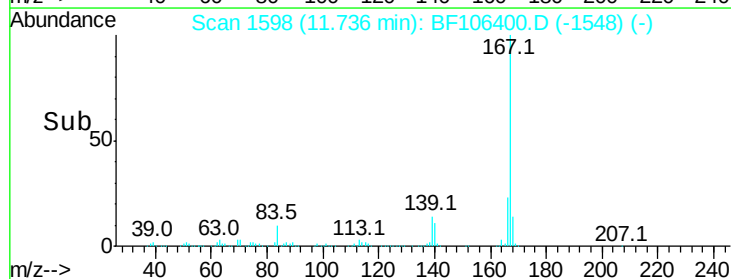
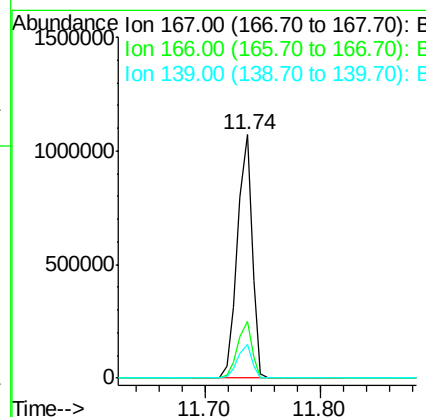
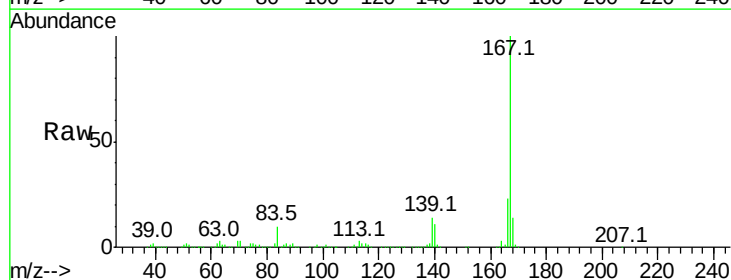
Instrument :
 BNA_F
 ClientSampleId :

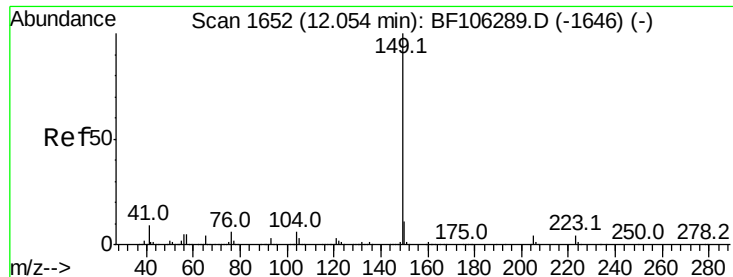
Tot Ion:178 Resp: 1062863
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 17.0 12.6 19.0



#72
 Carbazole
 Concen: 42.490 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:167 Resp: 951845
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.407 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

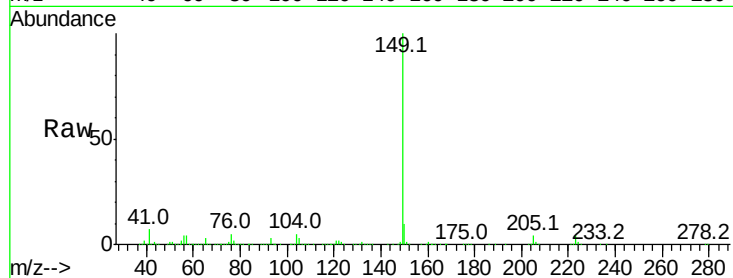
Tot Ion:149 Resp: 1157028

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

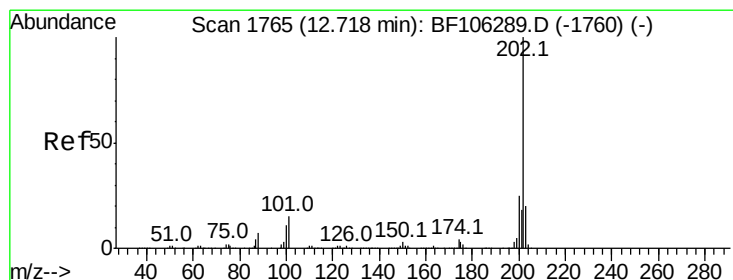
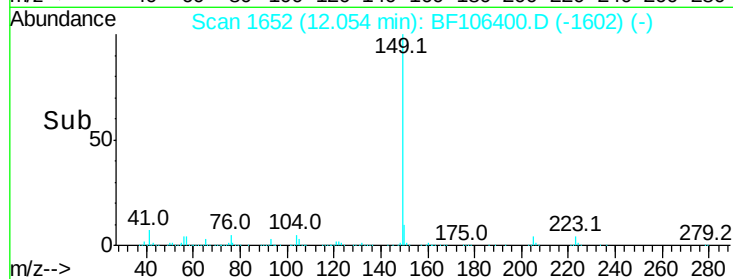
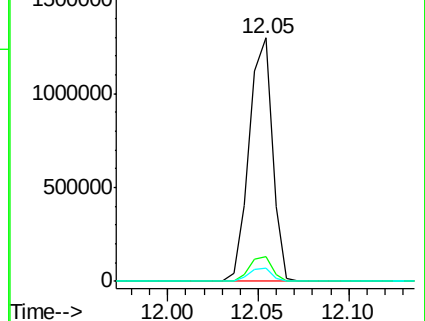
104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.261 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

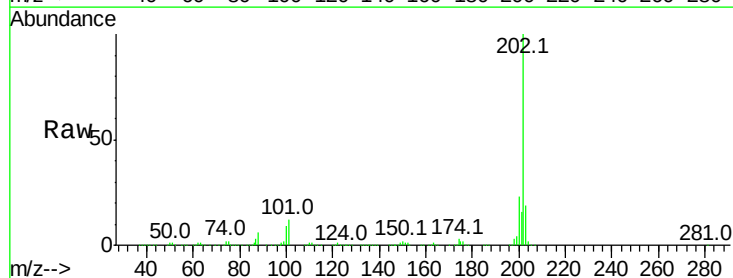
Tgt Ion:202 Resp: 988298

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

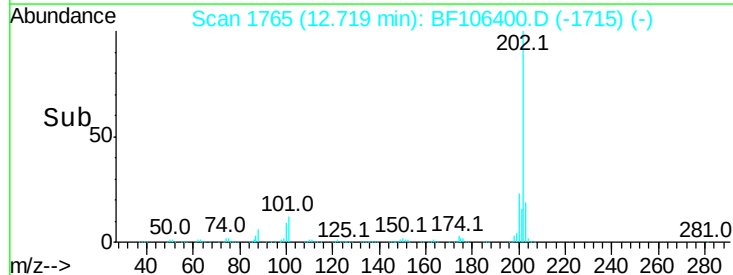
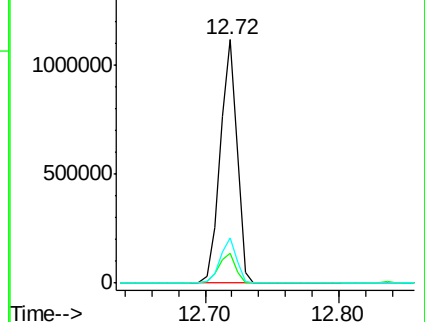
203 18.7 0.0 38.1

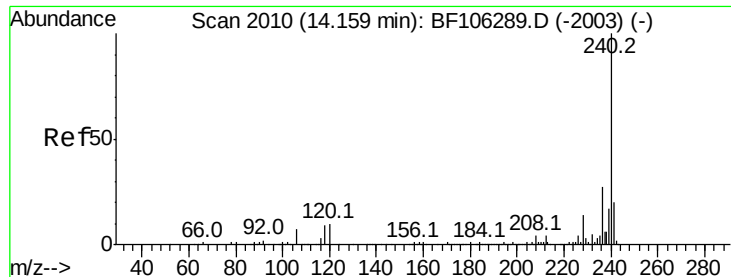


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

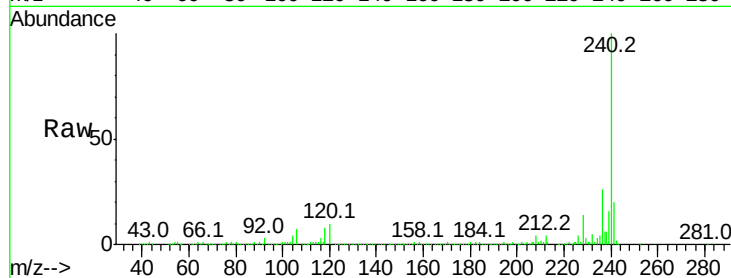
Tot Ion:240 Resp: 358488

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

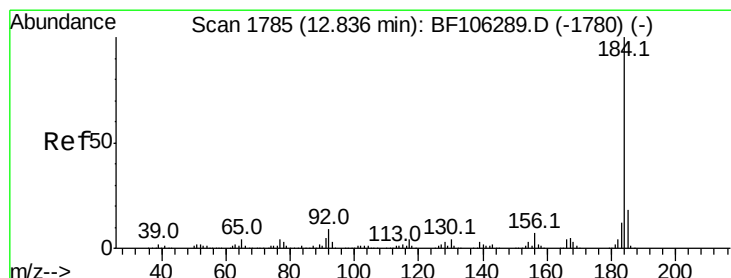
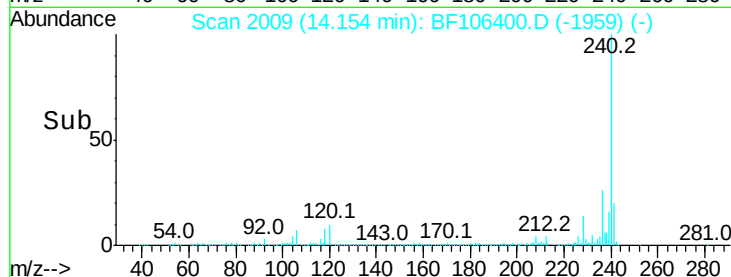
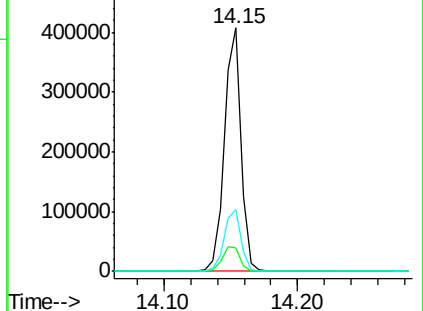
236 25.7 20.7 31.1



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: 57.644 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

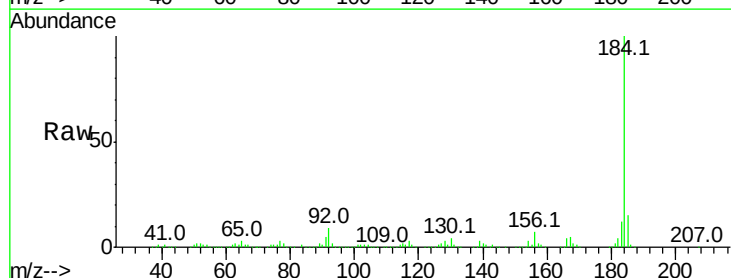
Tgt Ion:184 Resp: 687756

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

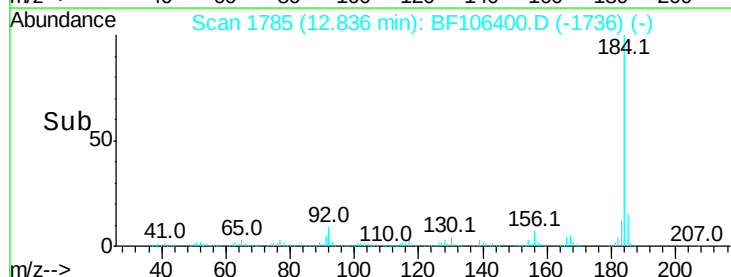
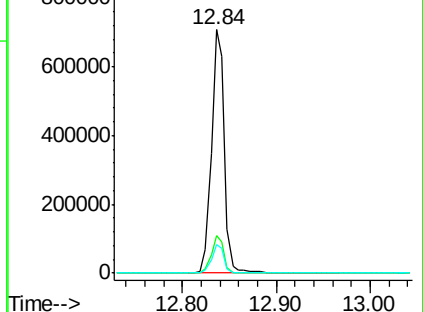
183 11.6 9.3 13.9

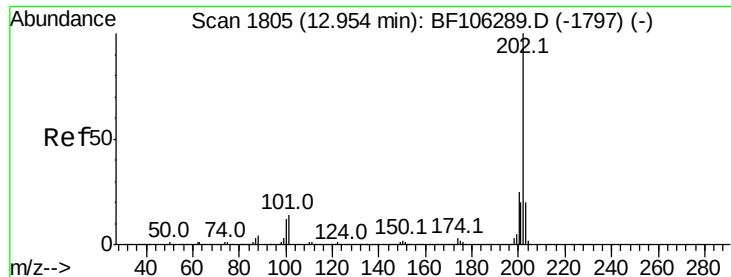


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.239 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampled :

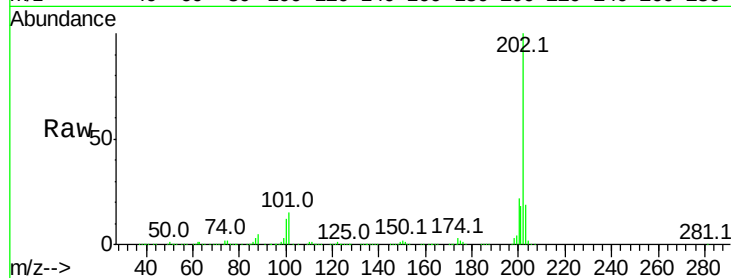
Tot Ion:202 Resp: 970428

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

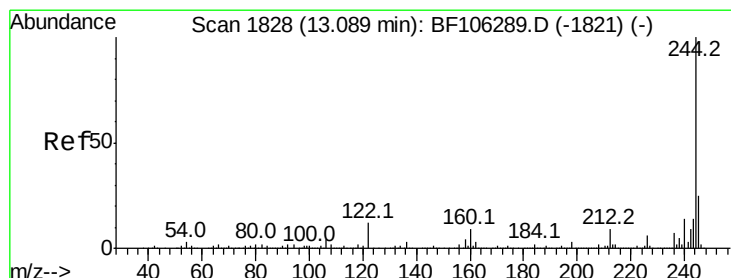
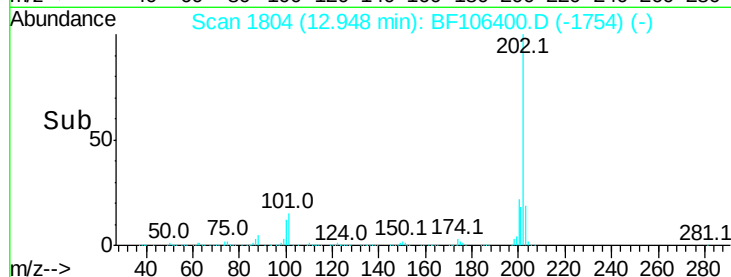
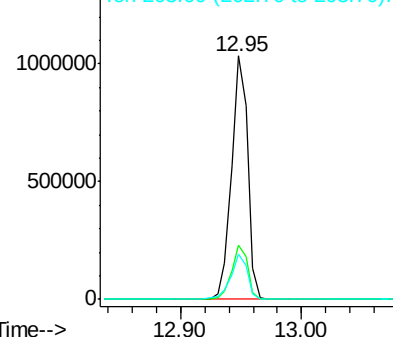
203 18.8 14.3 21.5



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: 91.671 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

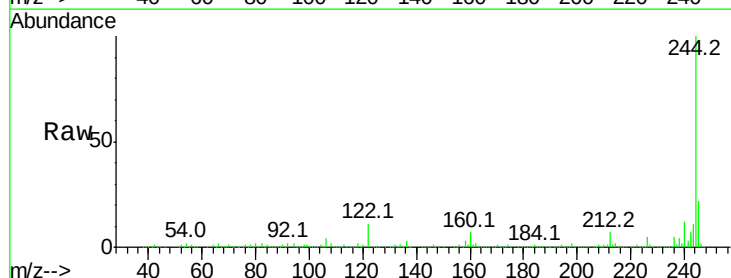
Tgt Ion:244 Resp: 1323101

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

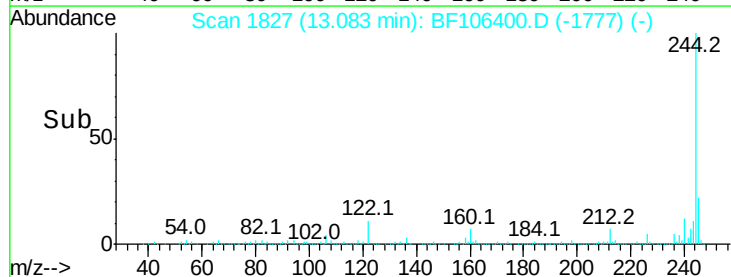
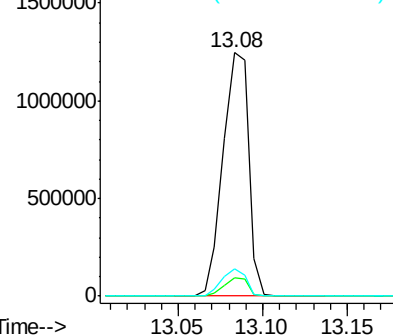
122 11.3 11.0 16.4

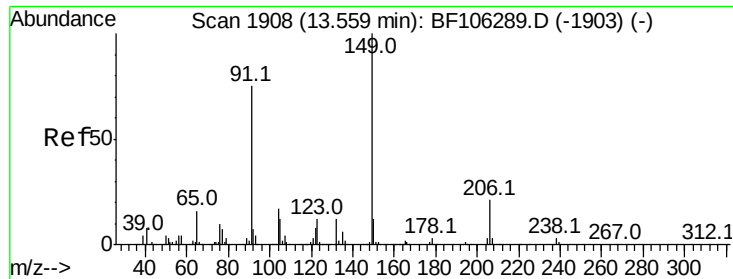


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

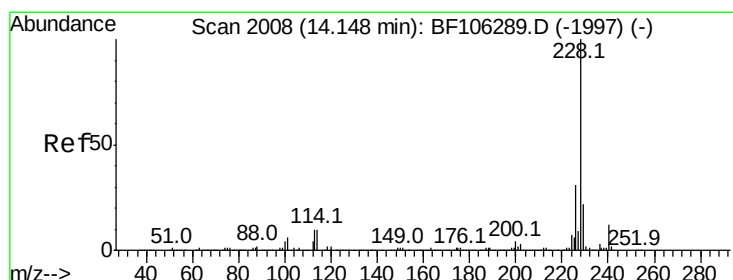
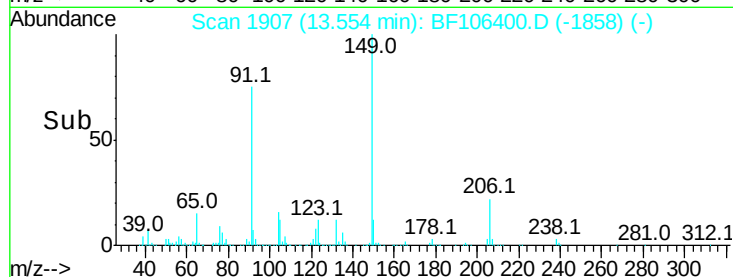
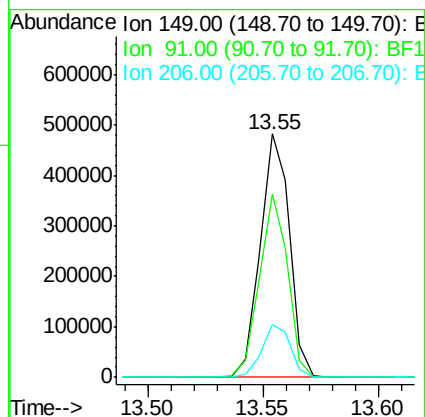
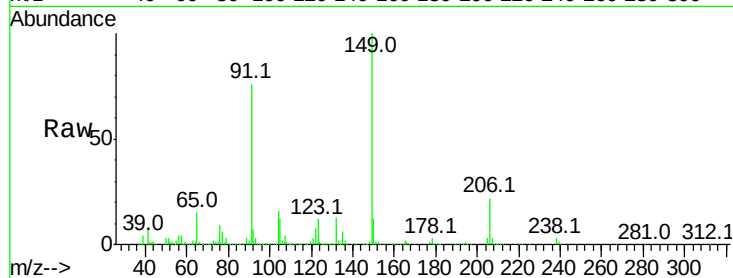




#79
Butylbenzylphthalate
Concen: 50.626 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

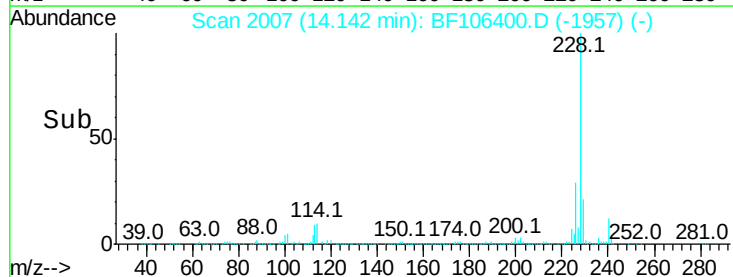
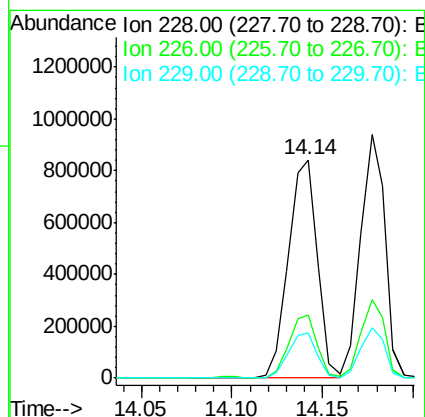
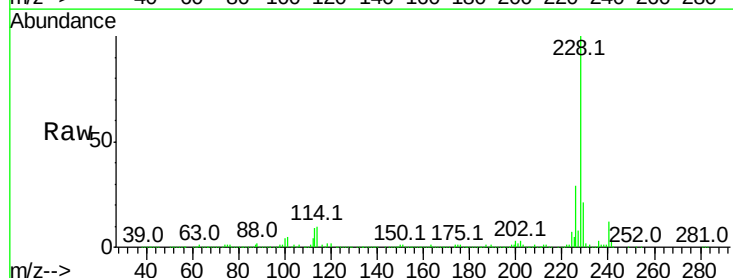
Instrument :
BNA_F
ClientSampleId :

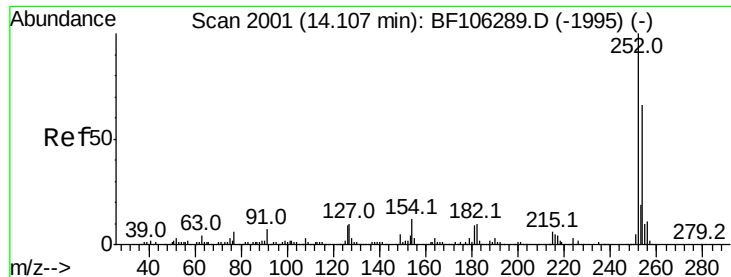
Tot Ion:149 Resp: 425314
Ion Ratio Lower Upper
149 100
91 75.5 56.8 85.2
206 21.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.031 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:228 Resp: 939338
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.7 15.8 23.6

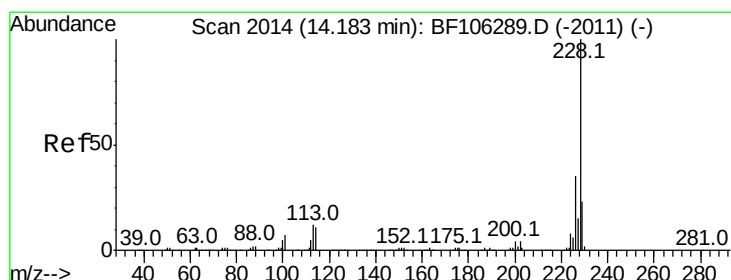
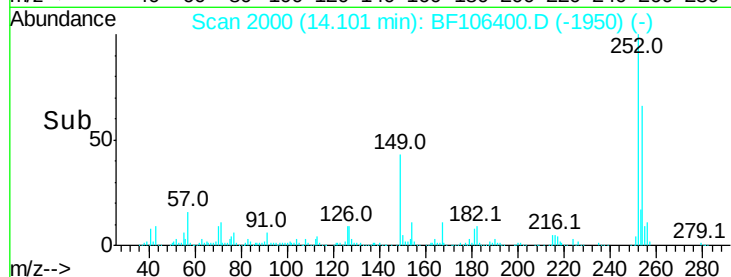
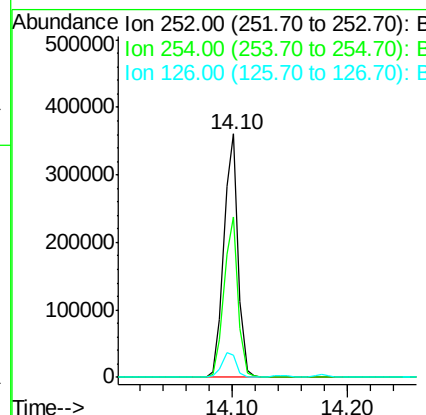
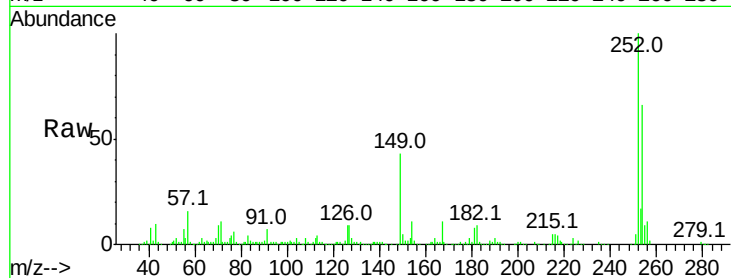




#81
 3,3'-Dichlorobenzidine
 Concen: 42.727 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

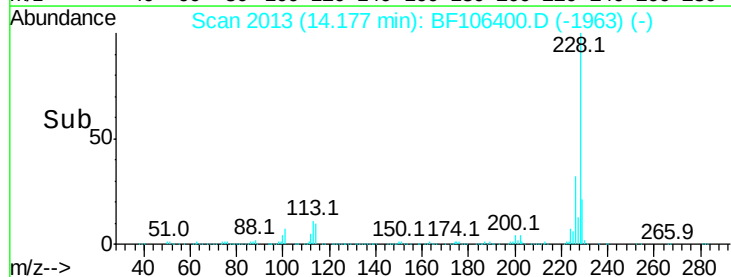
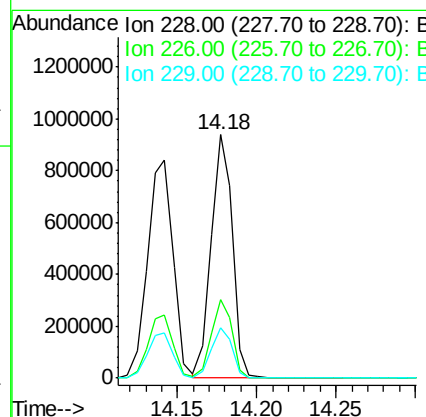
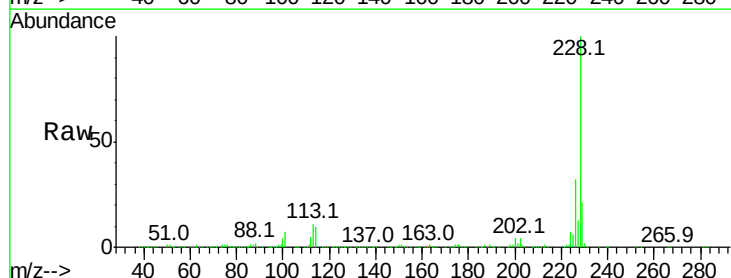
Instrument :
 BNA_F
 ClientSampled :

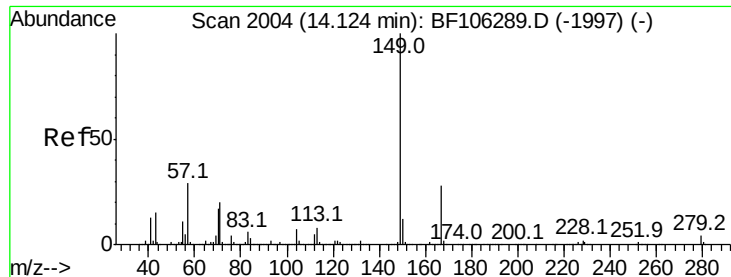
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	9.3	11.3	16.9



#82
 Chrysene
 Concen: 45.120 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.7	16.2	24.4

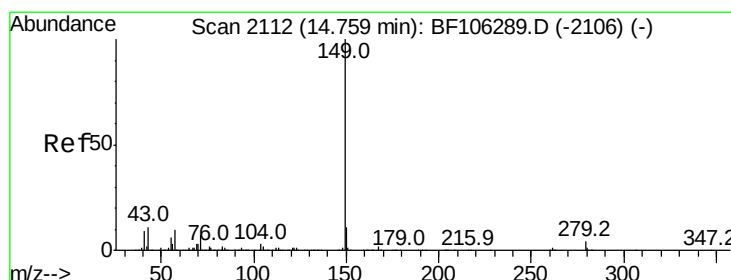
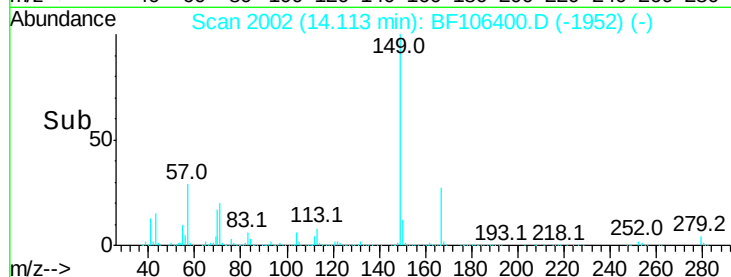
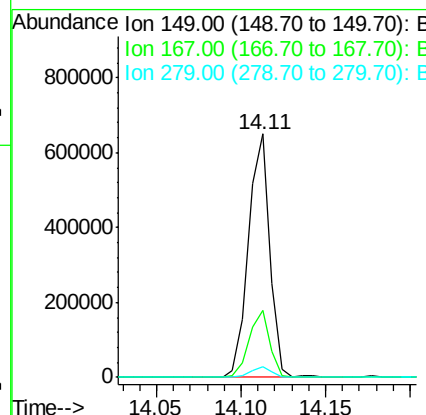
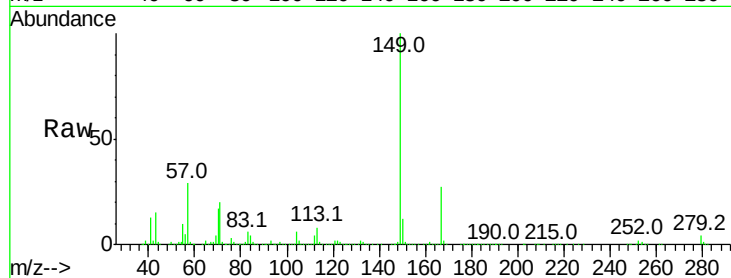




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.496 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

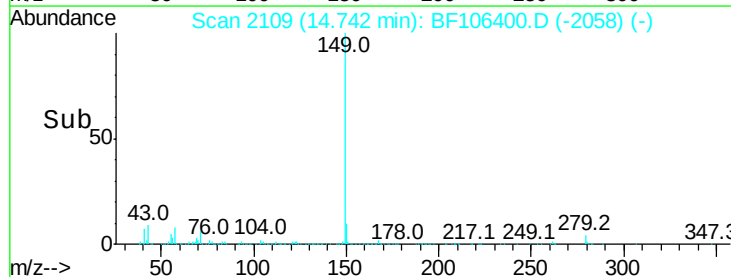
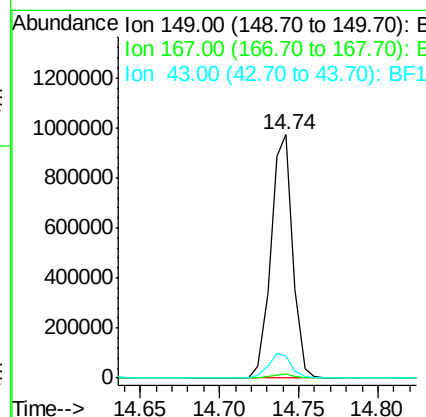
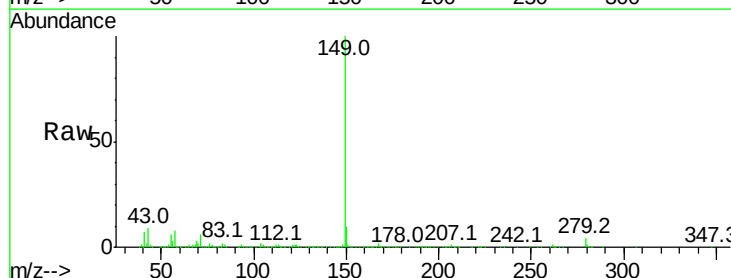
Instrument :
 BNA_F
 ClientSampleId :

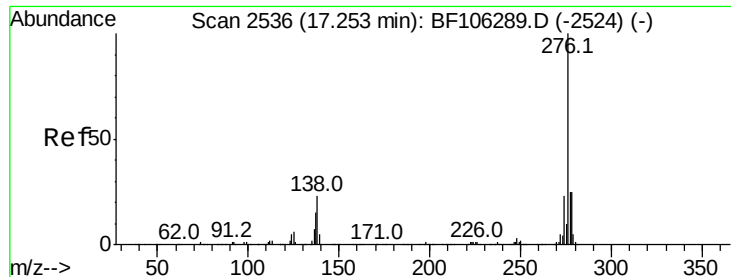
Tot Ion:149 Resp: 572121
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 4.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 53.899 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BF106400.D
 Acq: 13 Jun 2018 19:20

Tgt Ion:149 Resp: 935995
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.9 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.751 ng

RT: 17.25 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

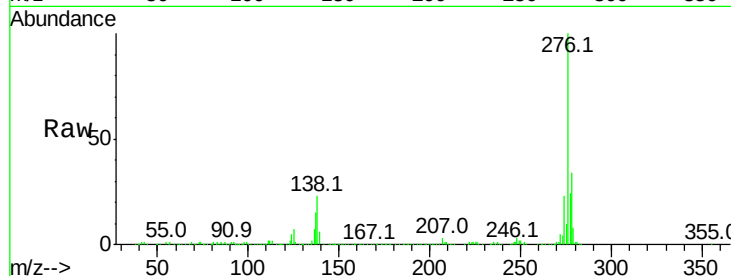
Tot Ion:276 Resp: 788910

Ion Ratio Lower Upper

276 100

138 24.8 25.0 37.6#

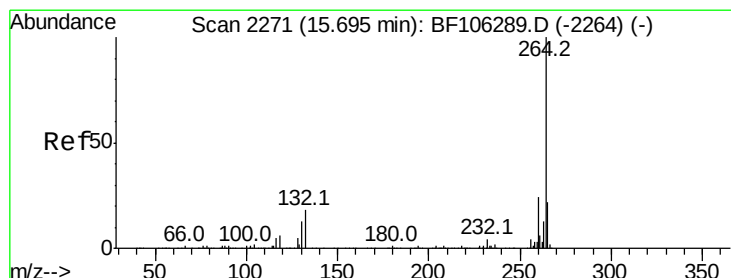
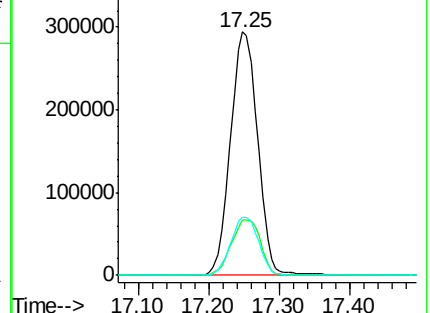
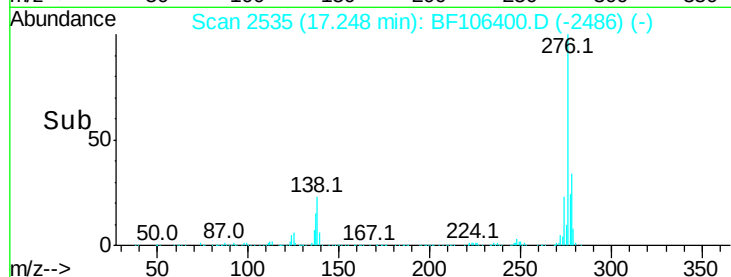
277 24.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

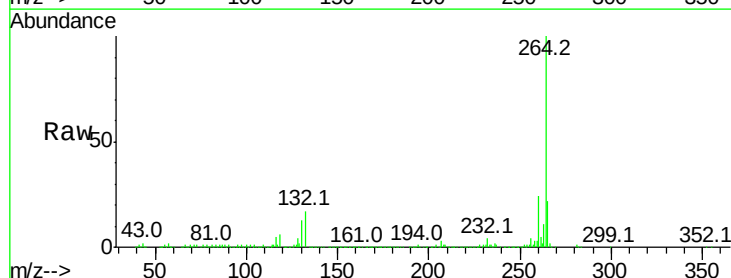
Tgt Ion:264 Resp: 366650

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

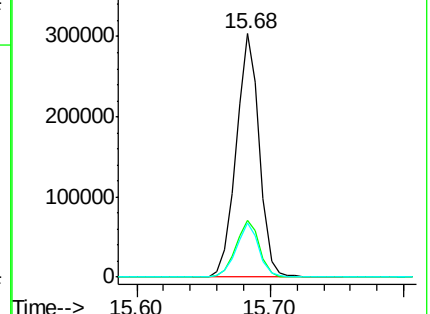
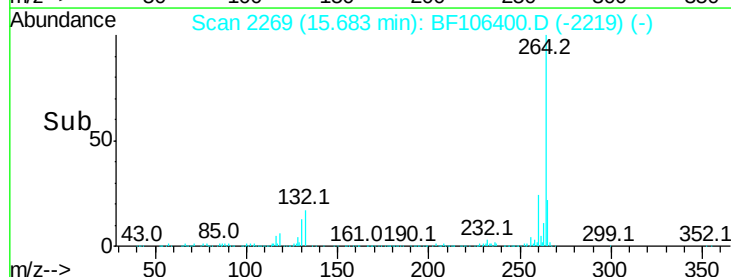
265 22.1 17.5 26.3

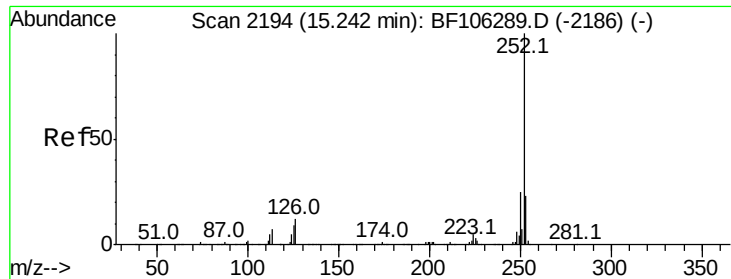


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

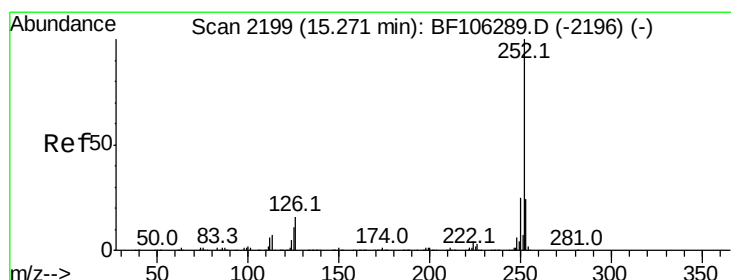
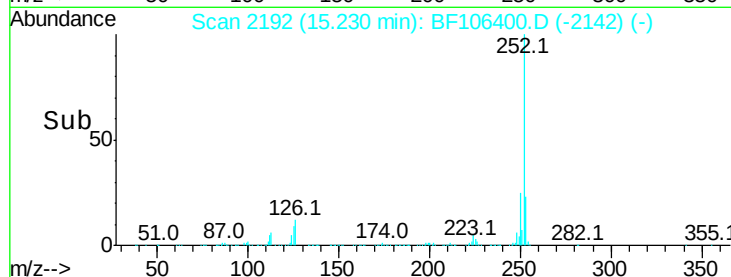
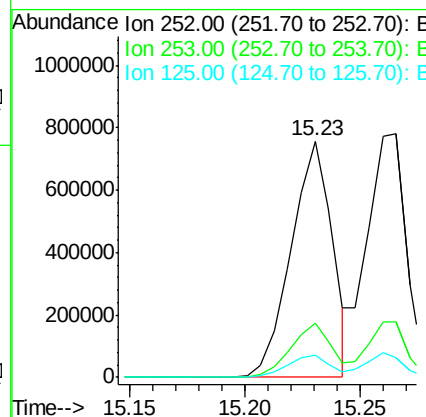
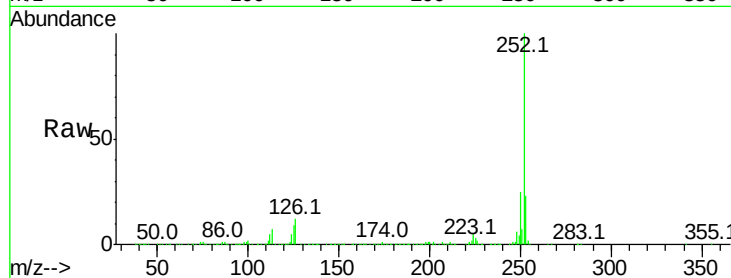




#87
Benzo(b)fluoranthene
Concen: 42.295 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

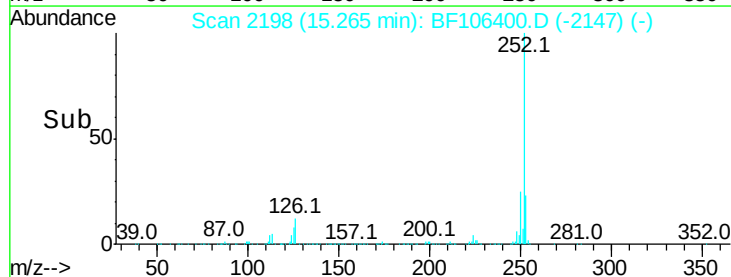
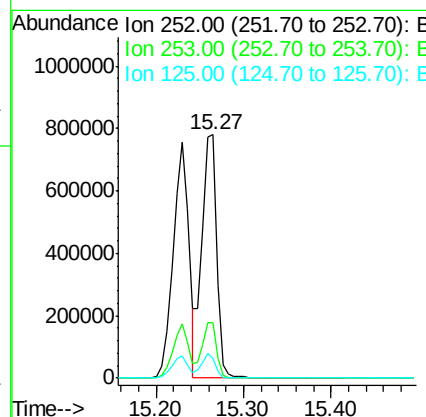
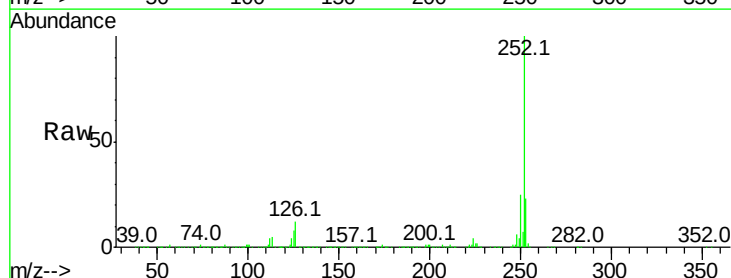
Instrument :
BNA_F
ClientSampleId :

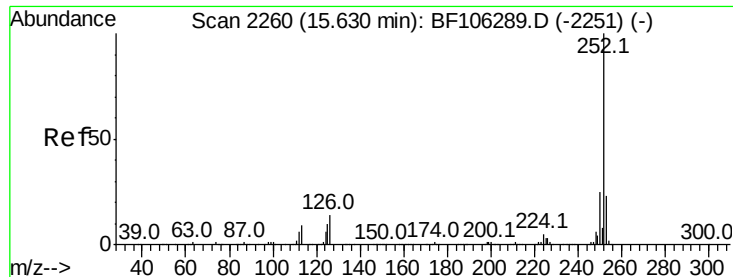
Tot Ion:252 Resp: 937410
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.615 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:252 Resp: 935405
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.2 10.2 15.2#

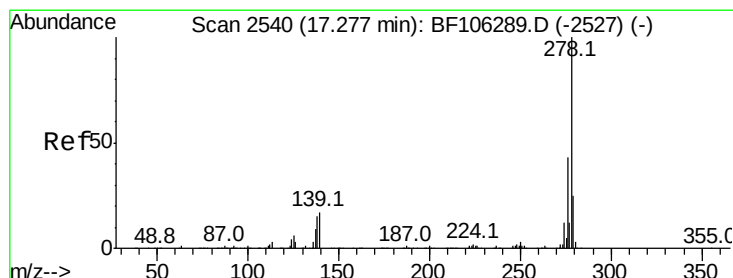
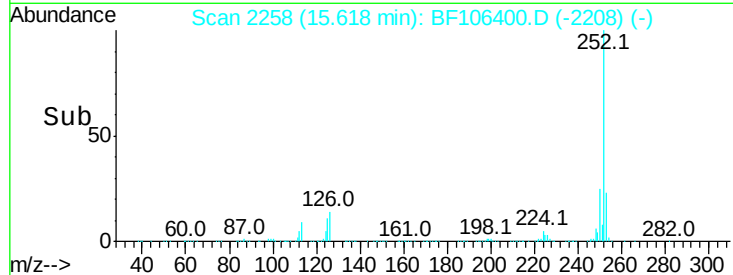
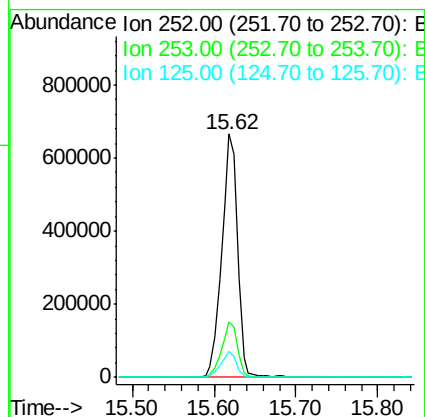
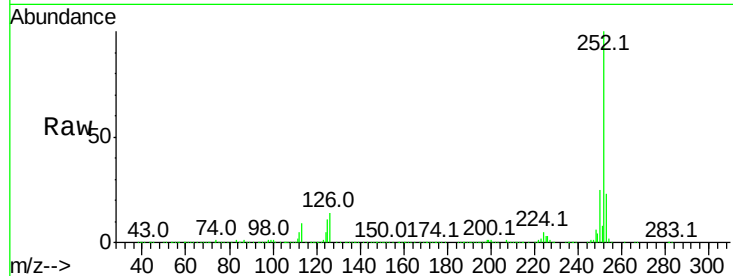




#89
Benzo(a)pyrene
Concen: 44.916 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

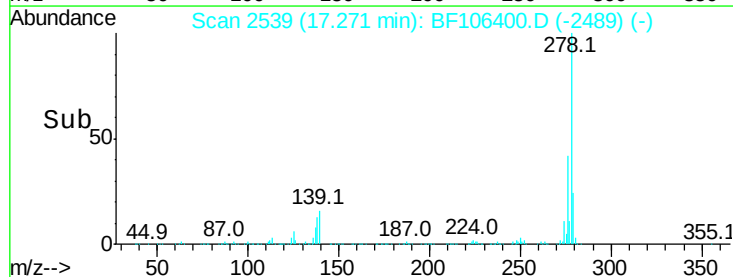
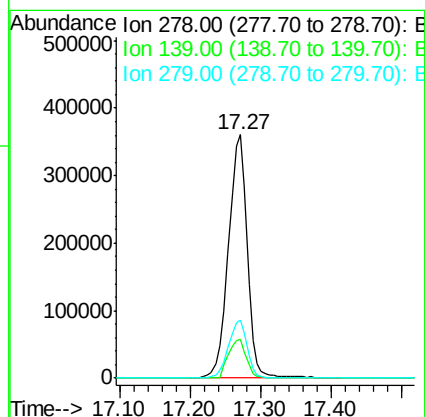
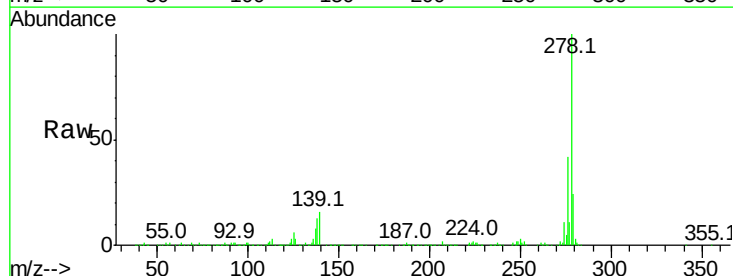
Instrument :
BNA_F
ClientSampleId :

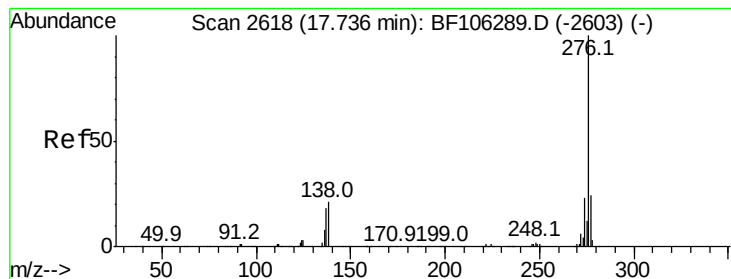
Tot Ion:252 Resp: 895407
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.294 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF106400.D
Acq: 13 Jun 2018 19:20

Tgt Ion:278 Resp: 669689
Ion Ratio Lower Upper
278 100
139 15.8 15.9 23.9#
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.156 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BF106400.D

Acq: 13 Jun 2018 19:20

Instrument :

BNA_F

ClientSampleId :

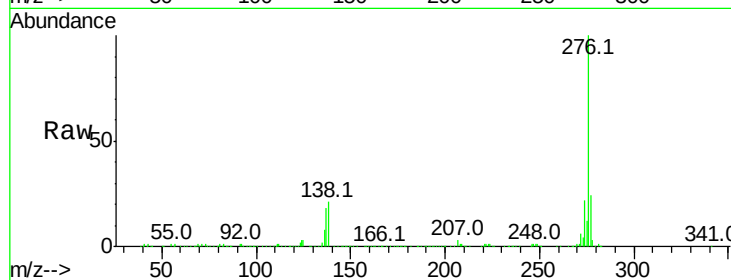
Tot Ion:276 Resp: 616287

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 20.5 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

