

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106288.D
 Acq On : 11 Jun 2018 12:13
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 13:11:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 13:10:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	196659	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	806094	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	384497	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	739189	20.00	ng	0.00
75) Chrysene-d12	14.15	240	679924	20.00	ng	0.00
86) Perylene-d12	15.69	264	536369	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	608446	46.53	ng	0.00
7) Phenol-d6	6.58	99	771901	49.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	736916	53.21	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	193920	39.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1317483	49.39	ng	0.00
78) Terphenyl-d14	13.09	244	1434816	45.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	151757	25.618	ng	95
3) Pyridine	3.60	79	425290	27.667	ng	97
4) n-Nitrosodimethylamine	3.56	42	199938	26.570	ng	98
6) Aniline	6.63	93	544177	27.011	ng	98
8) 2-Chlorophenol	6.75	128	329068	23.695	ng	98
9) Benzaldehyde	6.52	77	305462	28.919	ng	98
10) Phenol	6.60	94	420425	23.718	ng	99
11) bis(2-Chloroethyl)ether	6.70	93	358574	27.526	ng	99
12) 1,3-Dichlorobenzene	6.91	146	386459	25.278	ng	99
13) 1,4-Dichlorobenzene	6.99	146	393721	25.220	ng	98
14) 1,2-Dichlorobenzene	7.14	146	373779	25.980	ng	97
15) Benzyl Alcohol	7.10	79	332423	27.576	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	511986	22.371	ng	99
17) 2-Methylphenol	7.21	107	291153	24.834	ng	98
18) Hexachloroethane	7.48	117	137908	24.449	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	283432	28.861	ng	97
20) 3+4-Methylphenols	7.36	107	381229	27.313	ng	94
22) Acetophenone	7.38	105	536504	28.970	ng	# 98
24) Nitrobenzene	7.55	77	397605	27.265	ng	91
25) Isophorone	7.78	82	680836	25.972	ng	96
26) 2-Nitrophenol	7.87	139	138917	18.880	ng	92
27) 2,4-Dimethylphenol	7.89	122	296319	24.517	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	455556	28.333	ng	98
29) 2,4-Dichlorophenol	8.10	162	281839	24.885	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	318825	26.614	ng	96
31) Naphthalene	8.28	128	977053	24.892	ng	98
32) Benzoic acid	7.98	122	159123	17.723	ng	82
33) 4-Chloroaniline	8.32	127	424908	26.074	ng	96
34) Hexachlorobutadiene	8.39	225	202498	31.378	ng	98
35) Caprolactam	8.68	113	91190	26.053	ng	# 77
36) 4-Chloro-3-methylphenol	8.79	107	314032	25.758	ng	99
37) 2-Methylnaphthalene	8.97	142	657123	24.893	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	335513	28.924	ng	98
40) Hexachlorocyclopentadiene	9.12	237	183936	23.430	ng	98

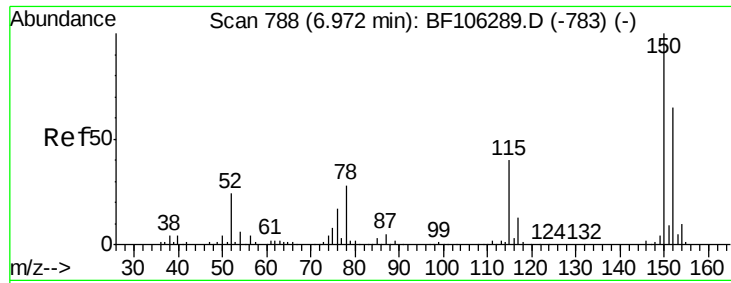
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106288.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 13:10:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209080	26.507	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	231114	27.115	ng	98
45) 1,1'-Biphenyl	9.43	154	813332	23.768	ng	99
46) 2-Chloronaphthalene	9.45	162	645223	25.175	ng	98
47) 2-Nitroaniline	9.55	65	204585	23.758	ng	86
48) Acenaphthylene	9.87	152	1003399	25.543	ng	98
49) Dimethylphthalate	9.72	163	724924	24.559	ng	98
50) 2,6-Dinitrotoluene	9.79	165	150689	23.188	ng	94
51) Acenaphthene	10.05	154	625267	24.043	ng	99
52) 3-Nitroaniline	9.96	138	177651	23.725	ng	96
53) 2,4-Dinitrophenol	10.06	184	43867	11.486	ng	# 25
54) Dibenzofuran	10.22	168	862038	24.676	ng	97
55) 4-Nitrophenol	10.10	139	136425	22.275	ng	96
56) 2,4-Dinitrotoluene	10.19	165	187989	22.236	ng	92
57) Fluorene	10.56	166	681852	25.793	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178348	25.326	ng	89
59) Diethylphthalate	10.42	149	722783	24.545	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	356163	29.090	ng	94
61) 4-Nitroaniline	10.57	138	172734	23.073	ng	94
62) Azobenzene	10.71	77	766746	26.605	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	82795	18.680	ng	93
65) n-Nitrosodiphenylamine	10.67	169	678002	27.353	ng	95
66) 4-Bromophenyl-phenylether	11.04	248	224074	27.251	ng	# 87
67) Hexachlorobenzene	11.11	284	227672	24.224	ng	# 89
68) Atrazine	11.19	200	206470	26.206	ng	95
69) Pentachlorophenol	11.30	266	141171	24.895	ng	99
70) Phenanthrene	11.52	178	996586	23.923	ng	98
71) Anthracene	11.58	178	1014397	23.524	ng	97
72) Carbazole	11.73	167	919678	24.367	ng	99
73) Di-n-butylphthalate	12.05	149	1062580	22.800	ng	98
74) Fluoranthene	12.72	202	1084223	26.182	ng	96
76) Benzidine	12.84	184	606140	22.163	ng	99
77) Pyrene	12.95	202	1124686	21.435	ng	97
79) Butylbenzylphthalate	13.56	149	428405	18.534	ng	96
80) Benzo(a)anthracene	14.14	228	1074345	27.063	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	384060	25.141	ng	# 96
82) Chrysene	14.18	228	971976	24.849	ng	97
83) Bis(2-ethylhexyl)phthalate	14.12	149	635389	22.702	ng	# 98
84) Di-n-octyl phthalate	14.76	149	940452	20.458	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	715881	20.101	ng	93
87) Benzo(b)fluoranthene	15.24	252	868036	27.150	ng	96
88) Benzo(k)fluoranthene	15.27	252	876334	28.345	ng	# 97
89) Benzo(a)pyrene	15.63	252	767132	25.769	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	609919	21.848	ng	96
91) Benzo(g,h,i)perylene	17.72	276	571629	21.304	ng	95

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

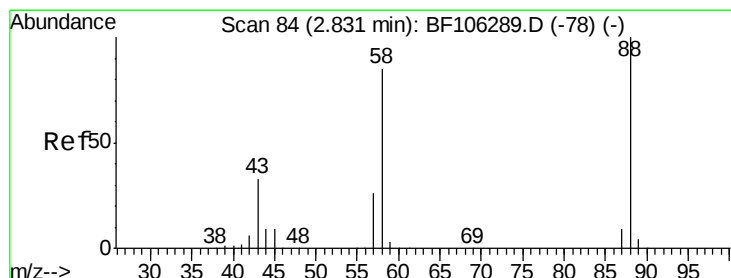
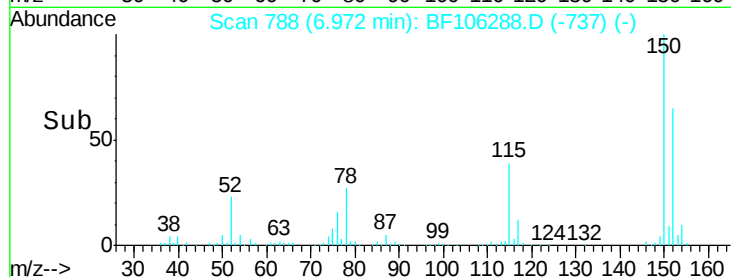
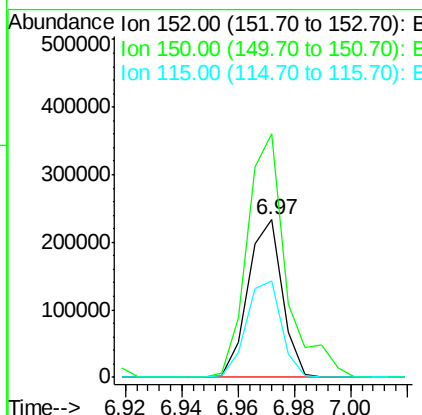
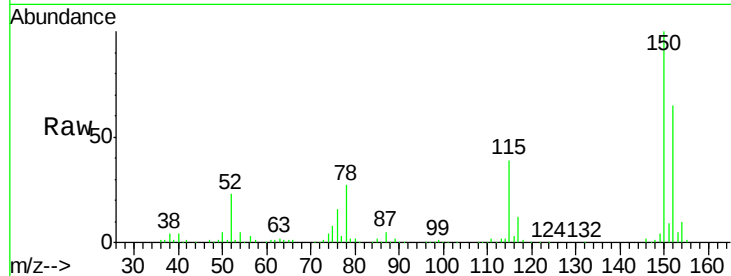


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampled :

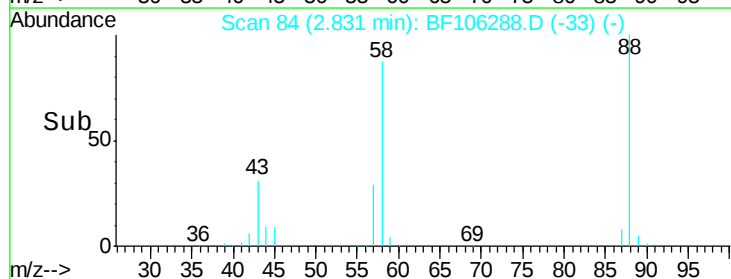
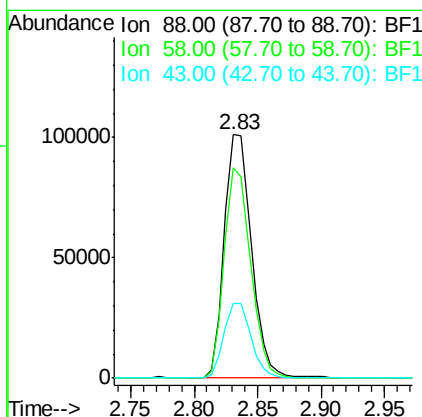
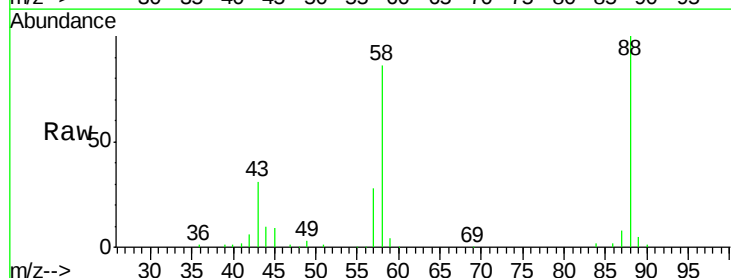
Tot Ion	152	Resp	196659
Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.0	50.1	75.1

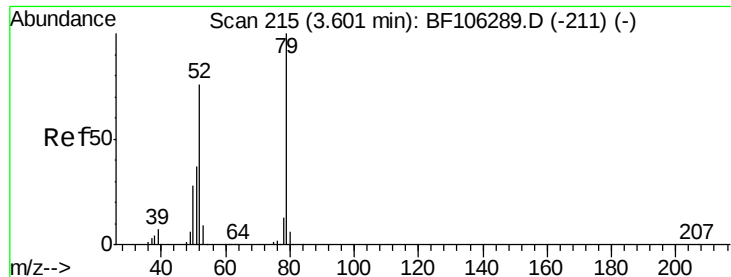


#2

1,4-Dioxane
Concen: 25.618 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion	88	Resp	151757
Ion	Ratio	Lower	Upper
88	100		
58	83.9	62.6	93.8
43	30.7	24.6	37.0





#3

Pvridine

Concen: 27.667 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

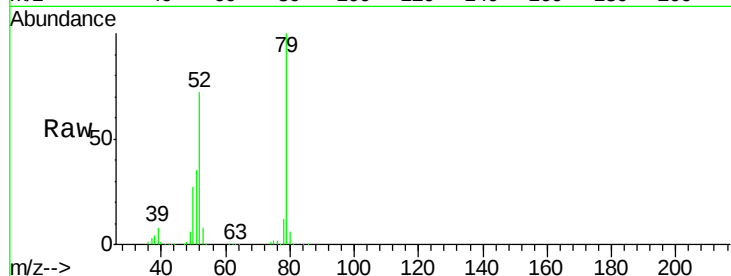
Tot Ion: 79 Resp: 425290

Ion Ratio Lower Upper

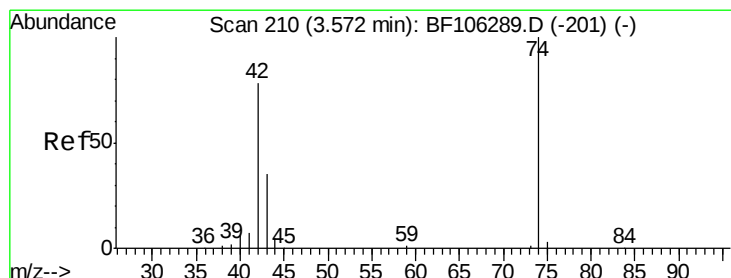
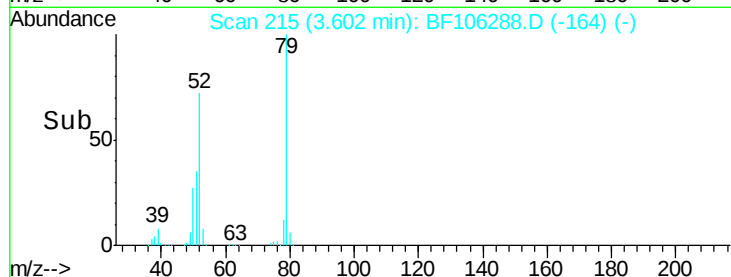
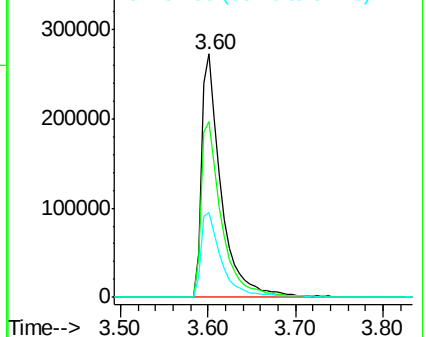
79 100

52 72.5 59.8 89.6

51 34.8 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 26.570 ng

RT: 3.56 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

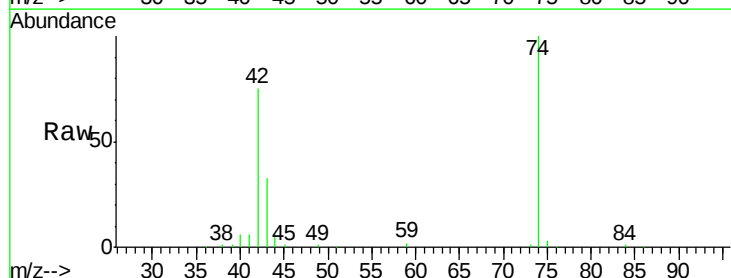
Tgt Ion: 42 Resp: 199938

Ion Ratio Lower Upper

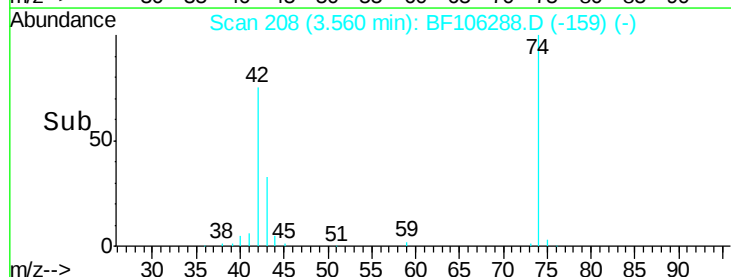
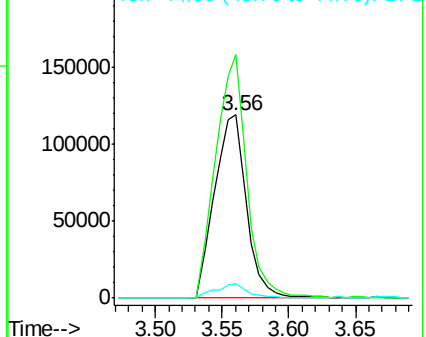
42 100

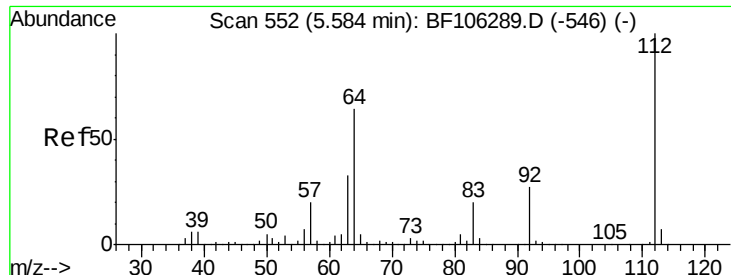
74 133.1 104.9 157.3

44 7.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 46.533 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampled :

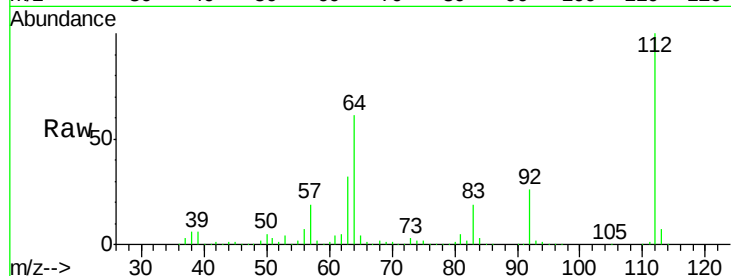
Tot Ion:112 Resp: 608446

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

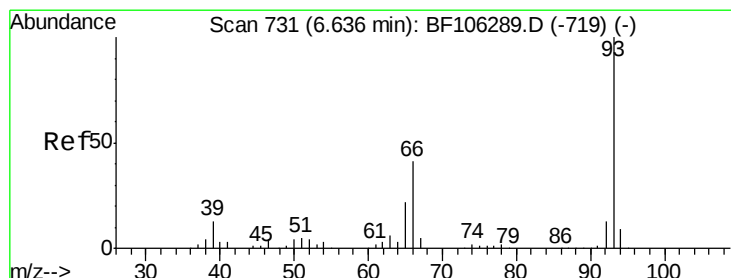
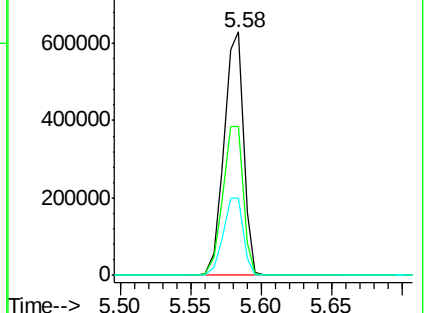
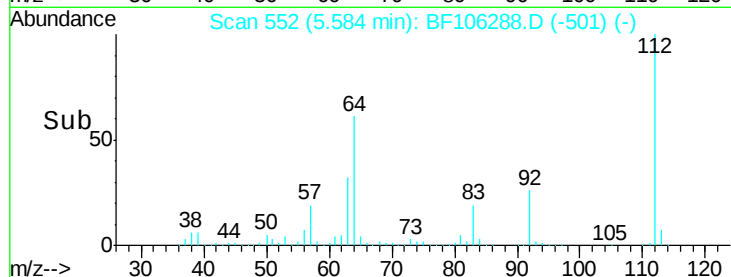
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.011 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

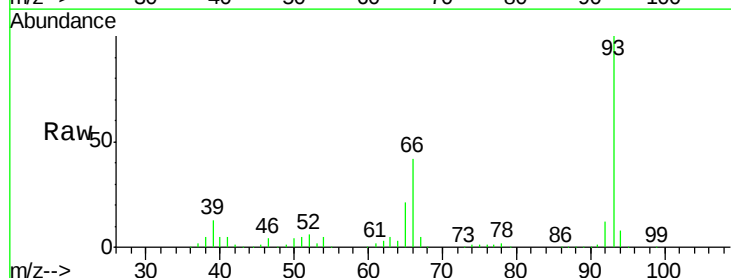
Tgt Ion: 93 Resp: 544177

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

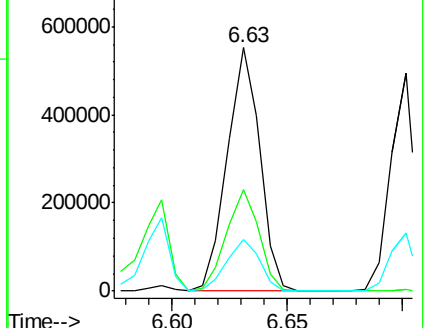
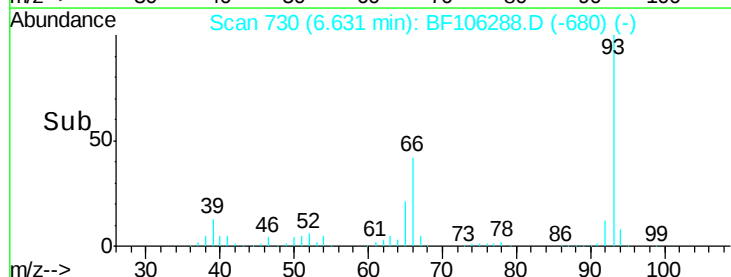
65 21.2 16.4 24.6

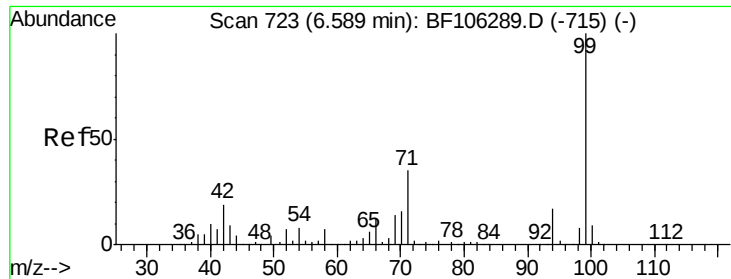


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 49.681 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampled :

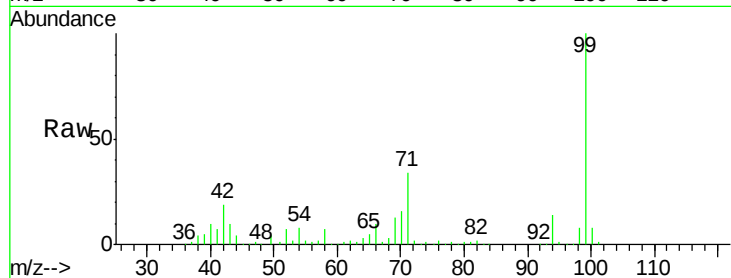
Tot Ion: 99 Resp: 771901

Ion Ratio Lower Upper

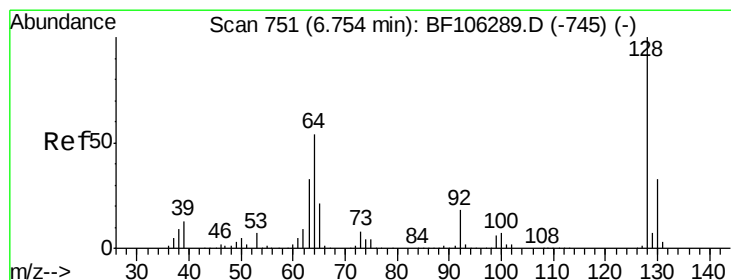
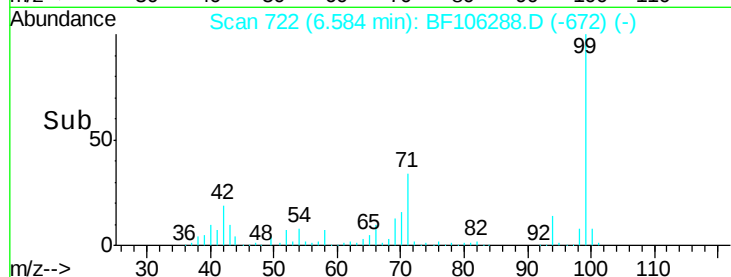
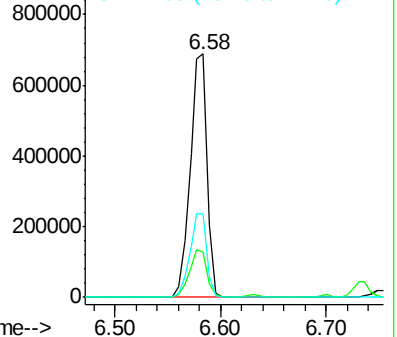
99 100

42 18.8 14.5 21.7

71 34.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 23.695 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

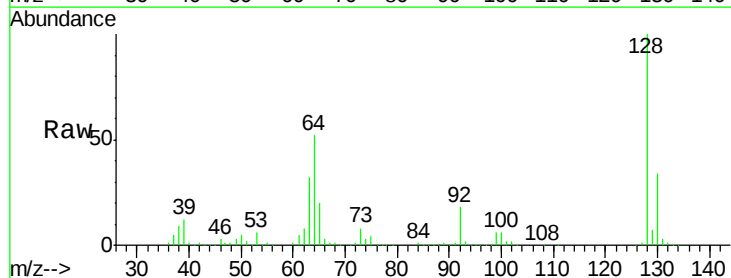
Tgt Ion: 128 Resp: 329068

Ion Ratio Lower Upper

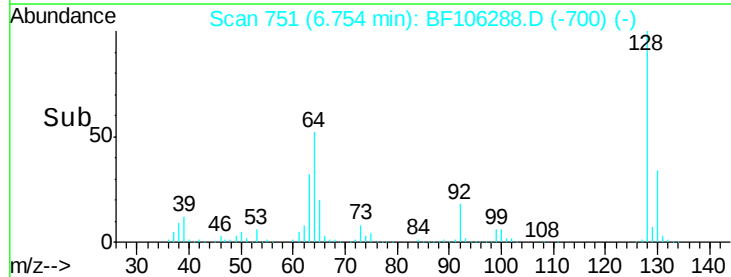
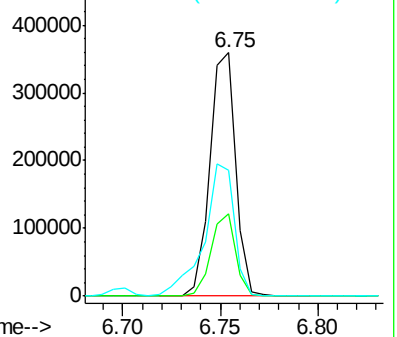
128 100

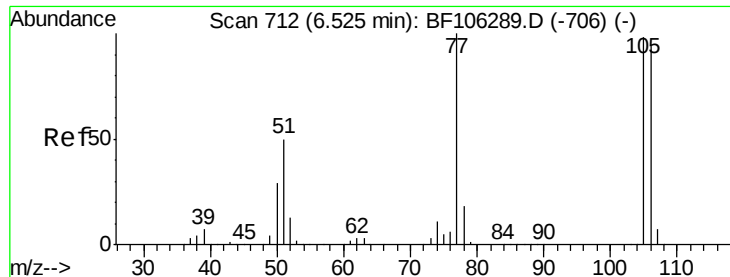
130 33.6 13.0 53.0

64 51.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 28.919 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampled :

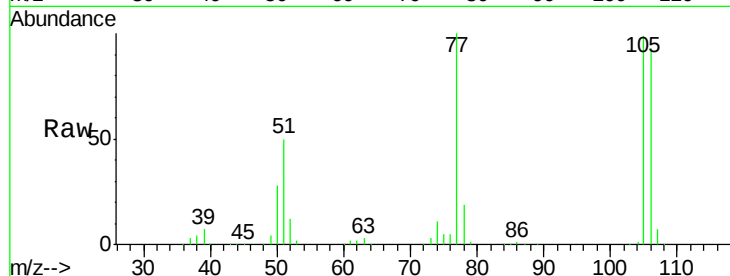
Tot Ion: 77 Resp: 305462

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

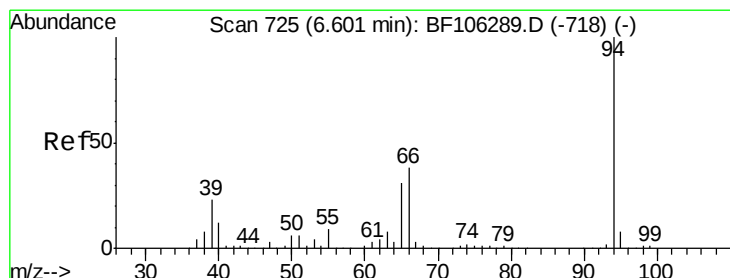
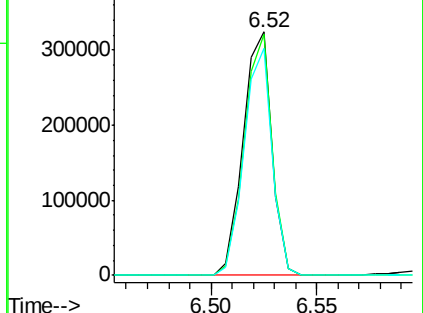
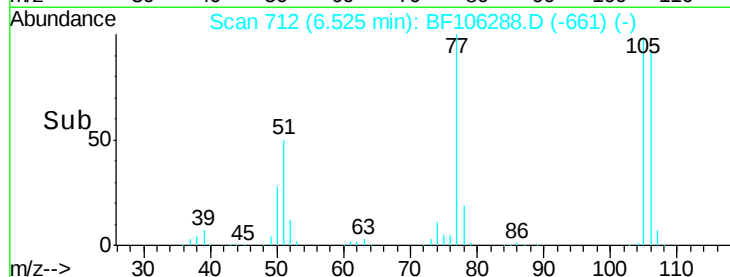
106 93.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 23.718 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

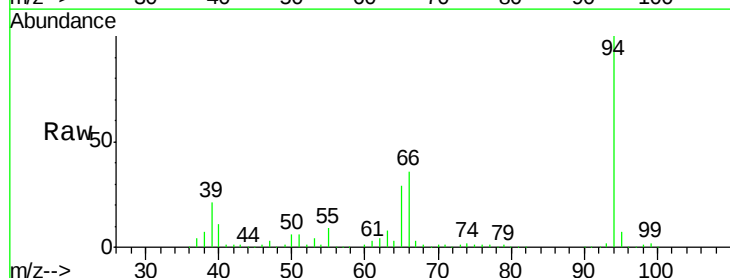
Tgt Ion: 94 Resp: 420425

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

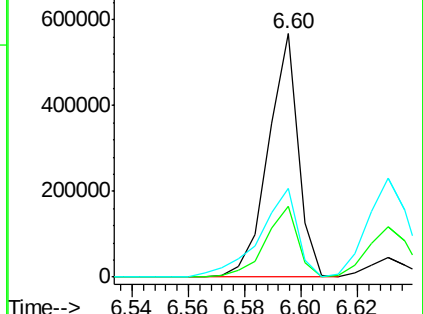
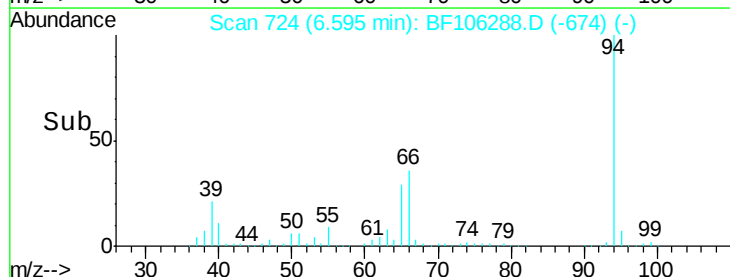
66 36.4 16.2 56.2

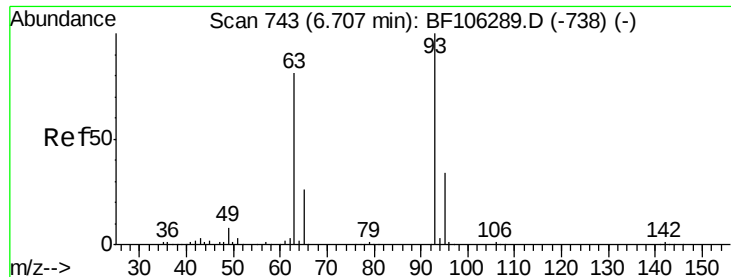


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

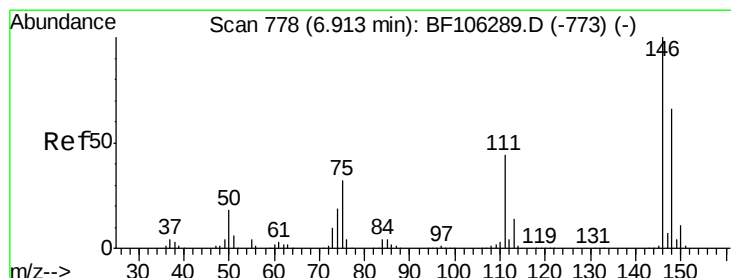
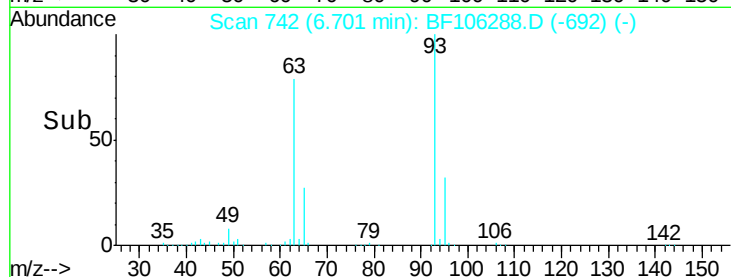
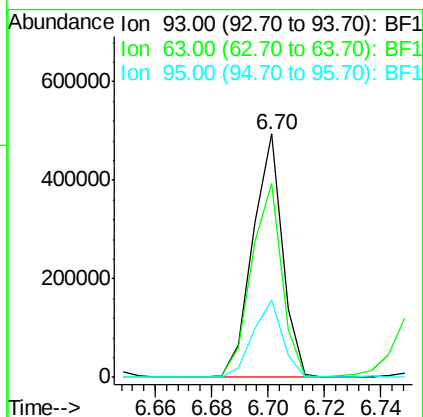
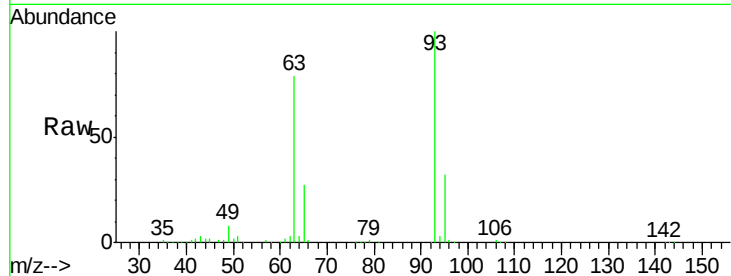




#11
bis(2-Chloroethyl)ether
Concen: 27.526 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

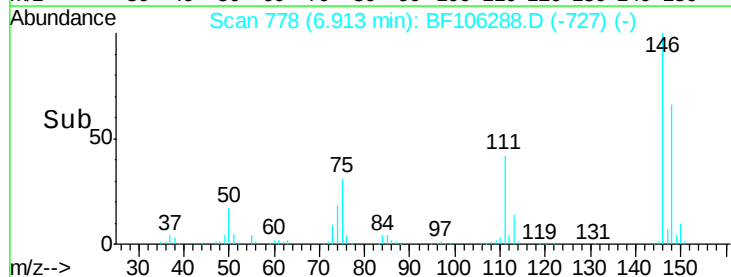
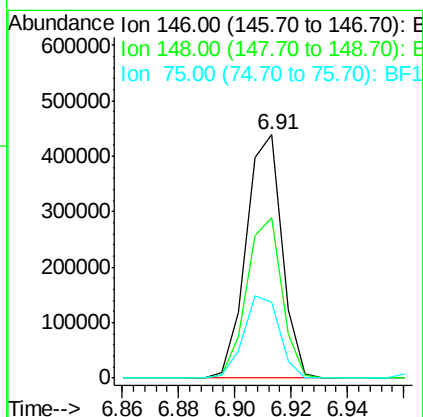
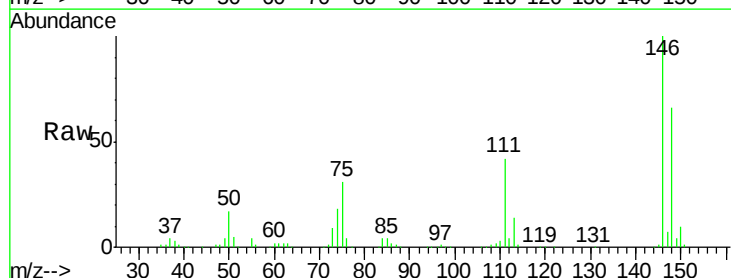
Instrument :
BNA_F
ClientSampleId :

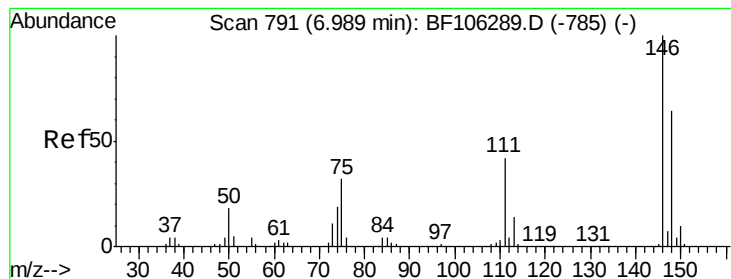
Tot Ion: 93 Resp: 358574
Ion Ratio Lower Upper
93 100
63 79.5 58.6 98.6
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 25.278 ng
RT: 6.91 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion: 146 Resp: 386459
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 31.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 25.220 ng

RT: 6.99 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

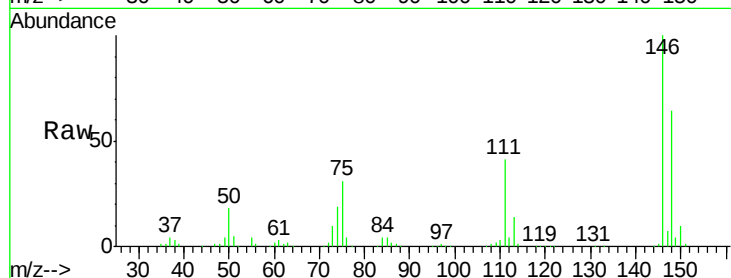
Tot Ion:146 Resp: 393721

Ion Ratio Lower Upper

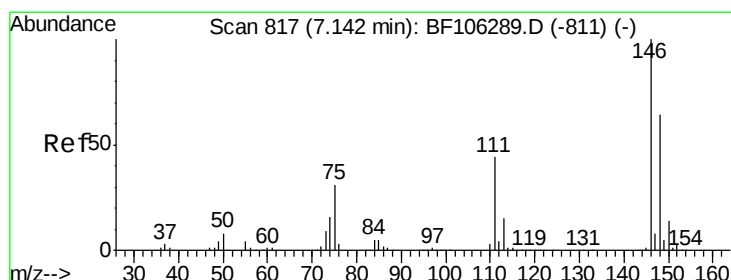
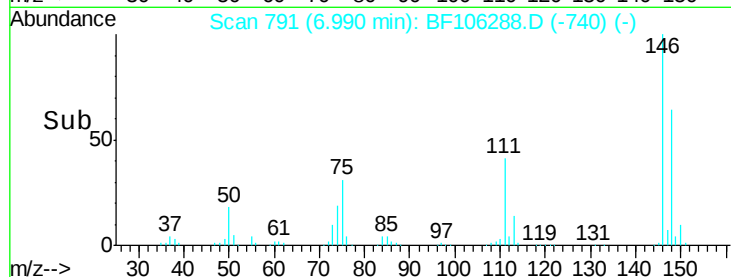
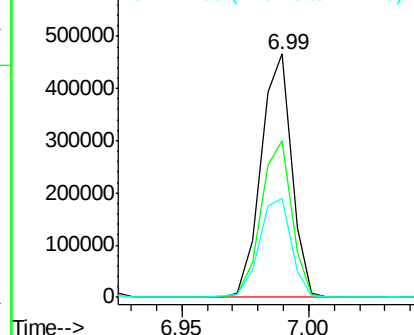
146 100

148 64.5 50.8 76.2

111 40.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 25.980 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

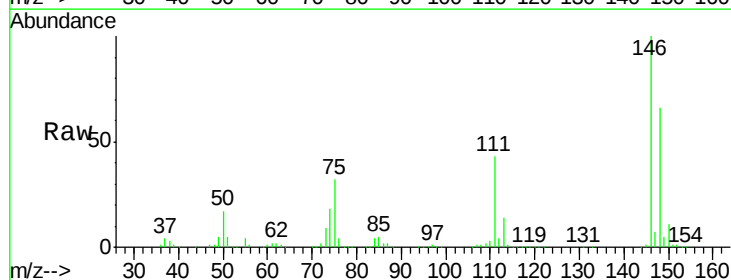
Tgt Ion:146 Resp: 373779

Ion Ratio Lower Upper

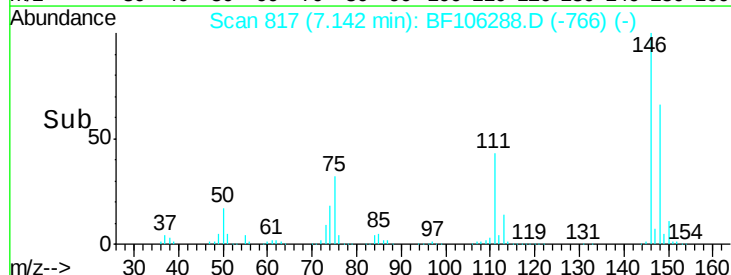
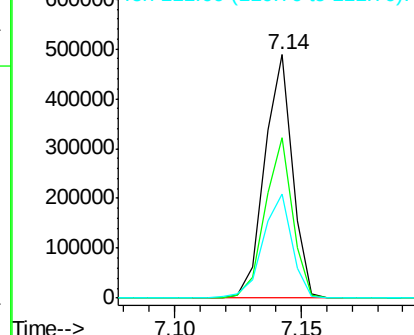
146 100

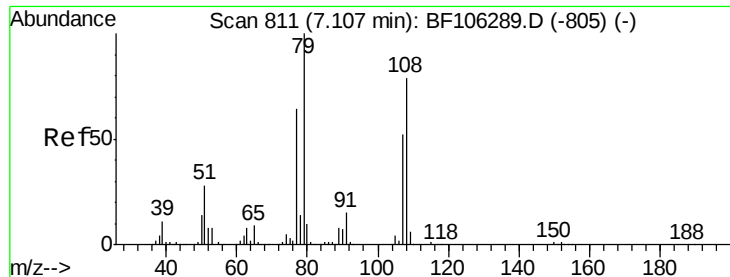
148 66.1 50.6 75.8

111 43.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 27.576 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

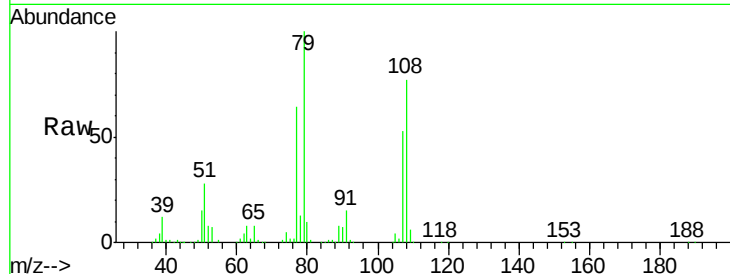
Tot Ion: 79 Resp: 332423

Ion Ratio Lower Upper

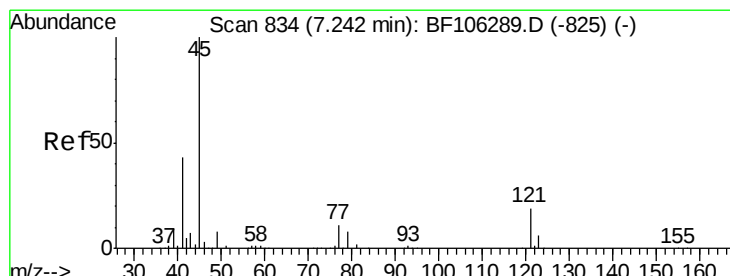
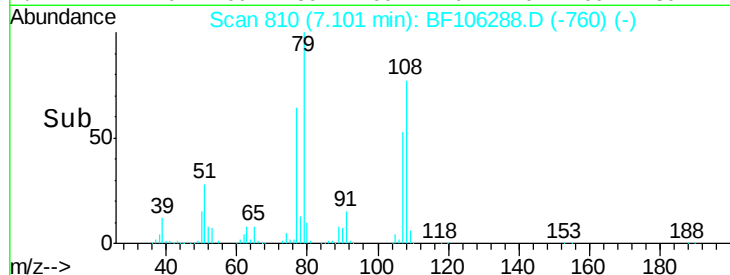
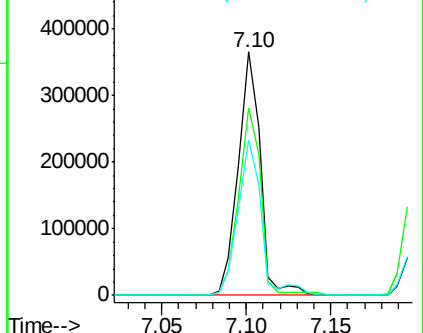
79 100

108 76.7 65.1 97.7

77 63.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.371 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

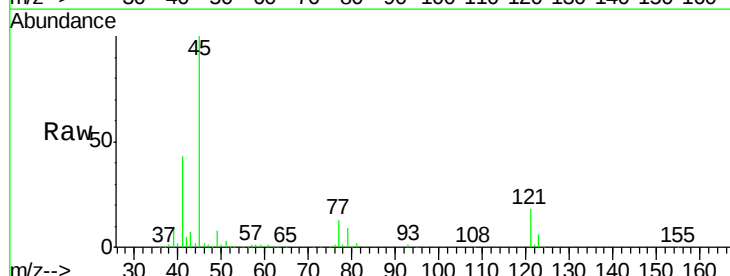
Tgt Ion: 45 Resp: 511986

Ion Ratio Lower Upper

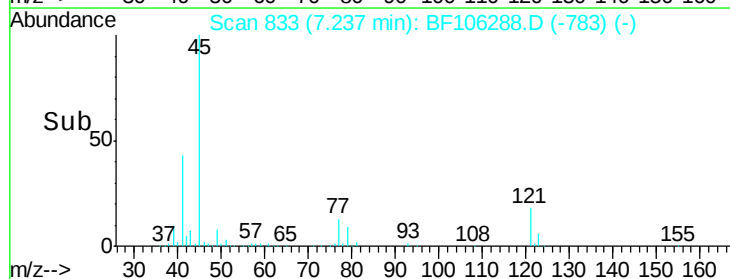
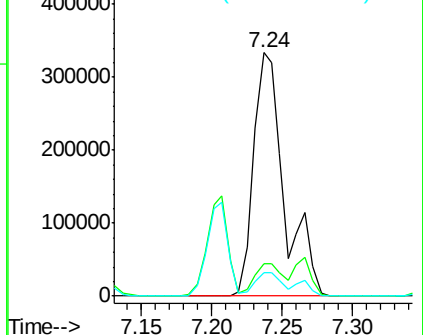
45 100

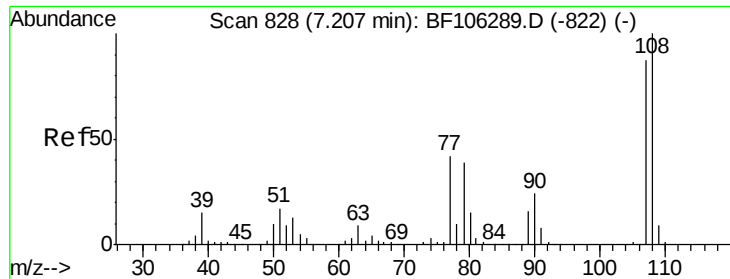
77 13.2 0.0 32.9

79 9.4 0.0 29.6



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

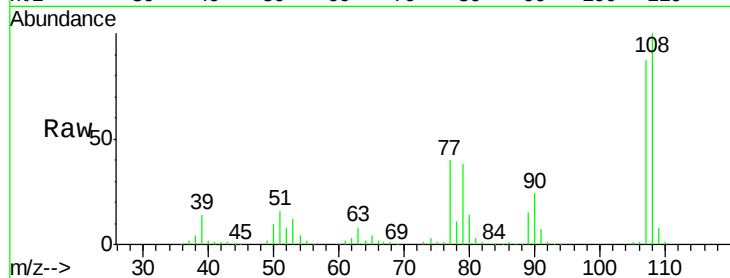




#17
2-Methylphenol
Concen: 24.834 ng
RT: 7.21 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	46.5	33.8	50.8
79	43.8	33.8	50.8



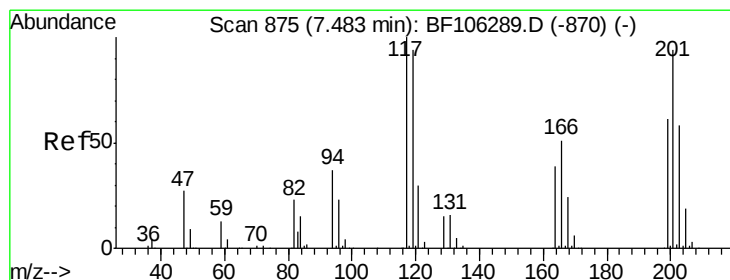
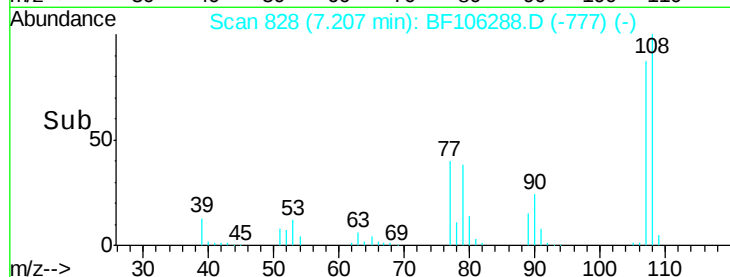
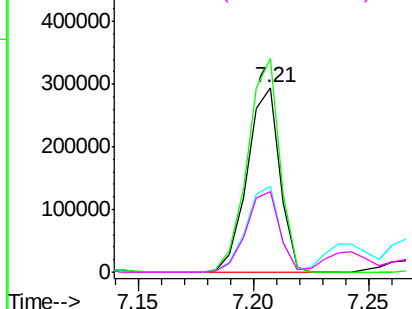
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

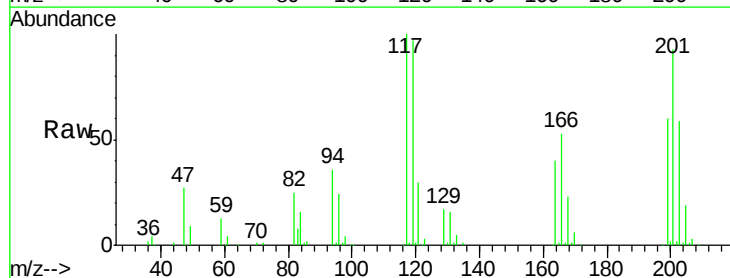
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 24.449 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	93.1	75.7	113.5

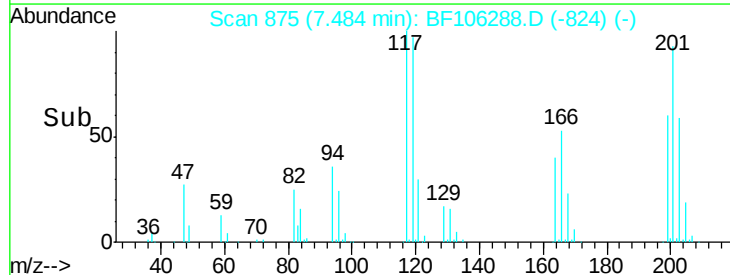
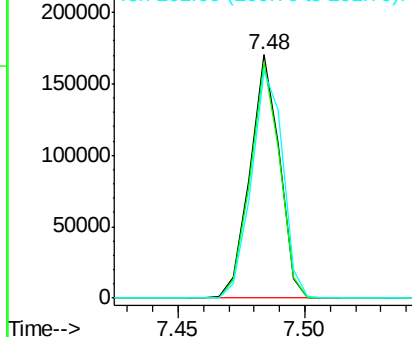


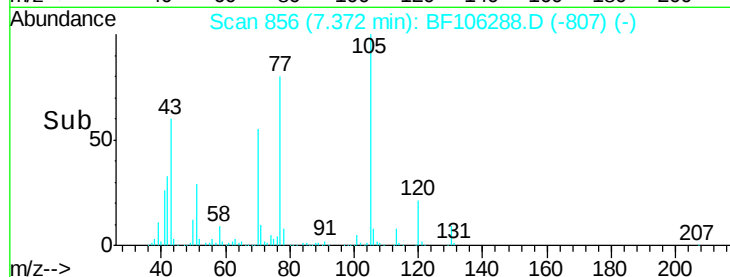
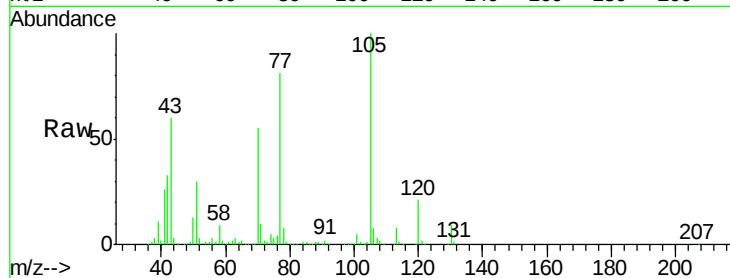
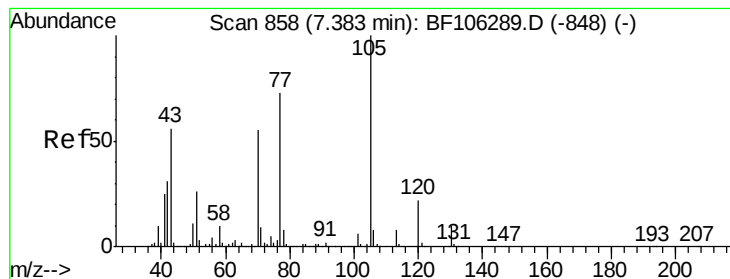
Abundance

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: 28.861 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 283432

Ion Ratio Lower Upper

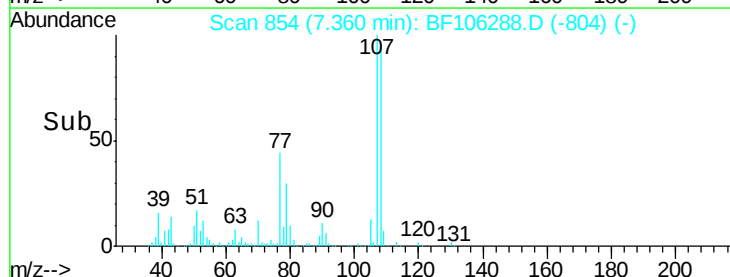
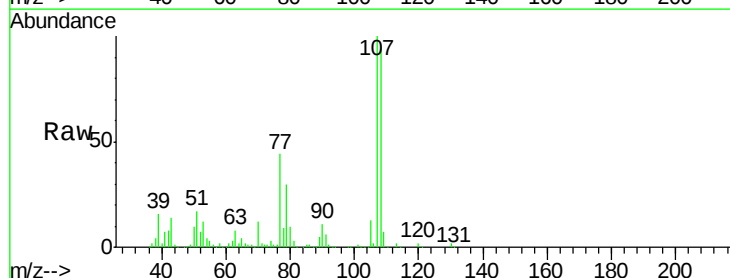
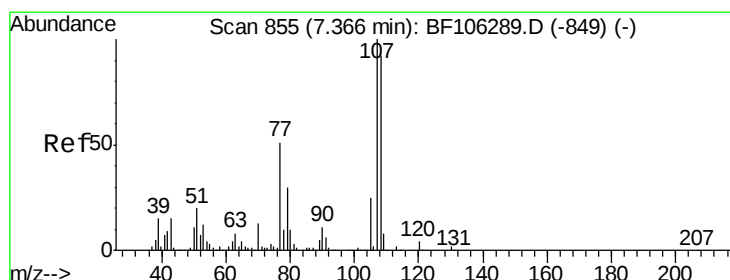
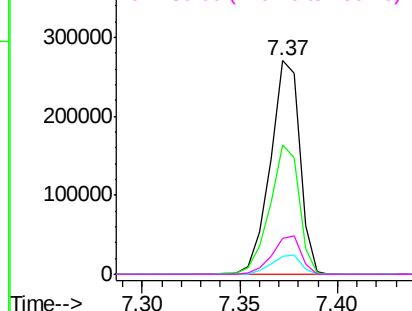
70 100

42 60.3 47.5 71.3

101 8.6 7.4 11.2

130 16.7 16.6 25.0

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



#20

3+4-Methylphenols

Concen: 27.313 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Tgt Ion:107 Resp: 381229

Ion Ratio Lower Upper

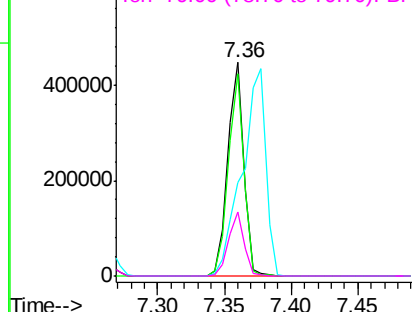
107 100

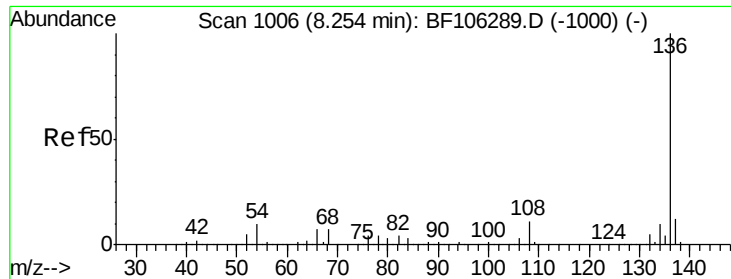
108 94.8 68.2 108.2

77 43.9 26.7 66.7

79 29.8 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 806094

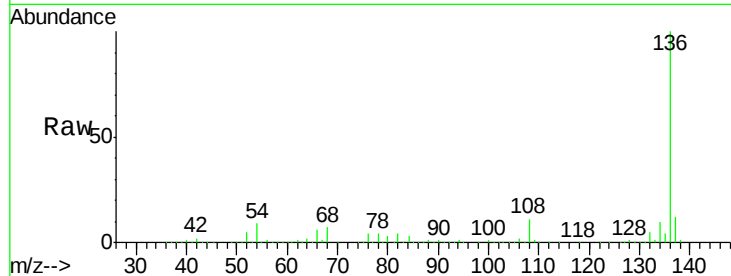
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 8.7 6.6 9.8

68 7.0 5.0 7.4

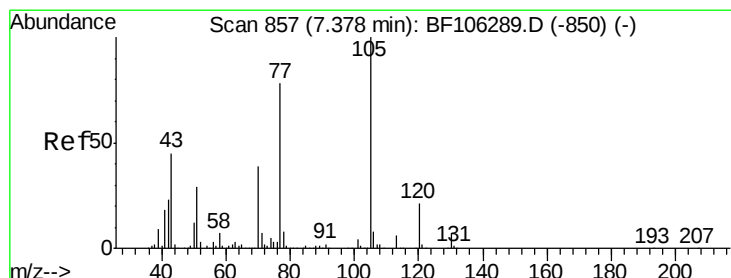
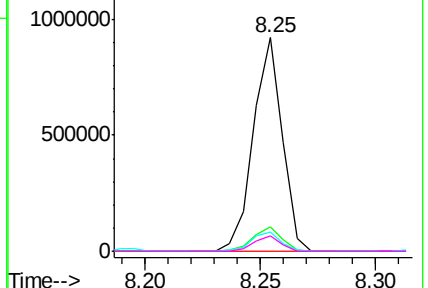
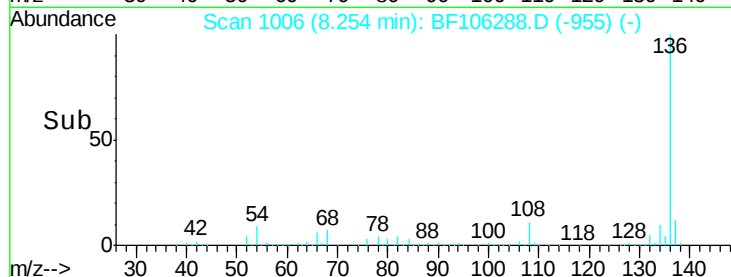


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.970 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Tgt Ion:105 Resp: 536504

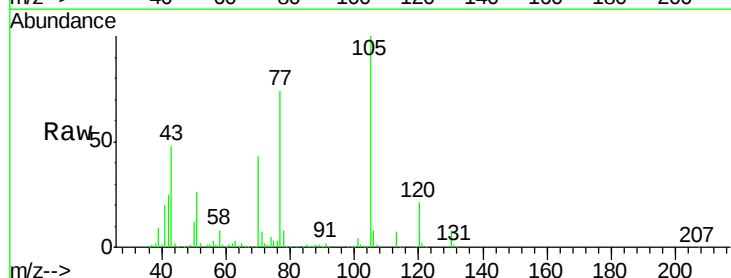
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 26.0 22.3 33.5

120 21.0 16.9 25.3

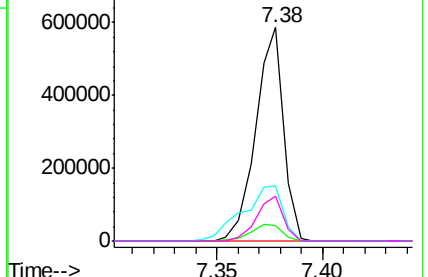
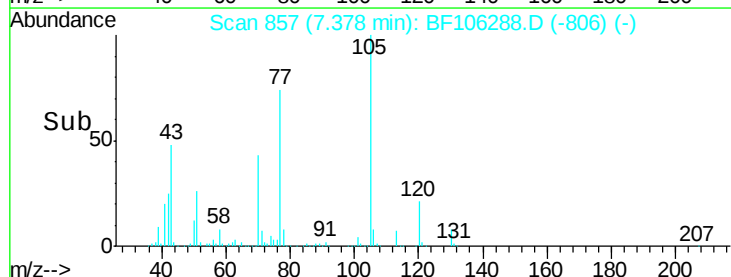


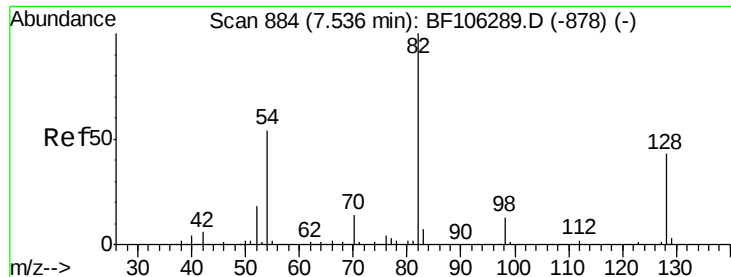
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

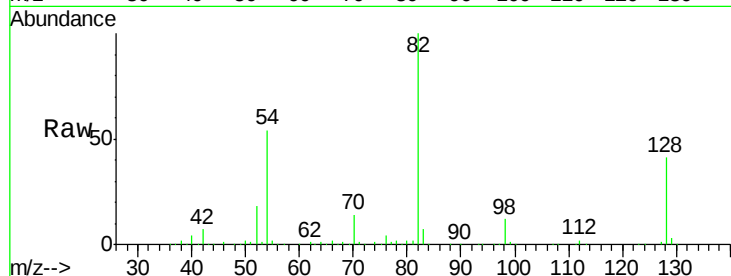




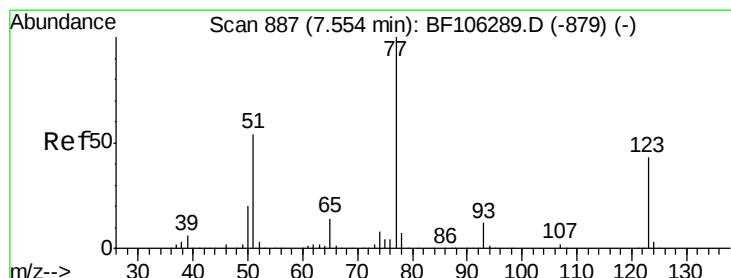
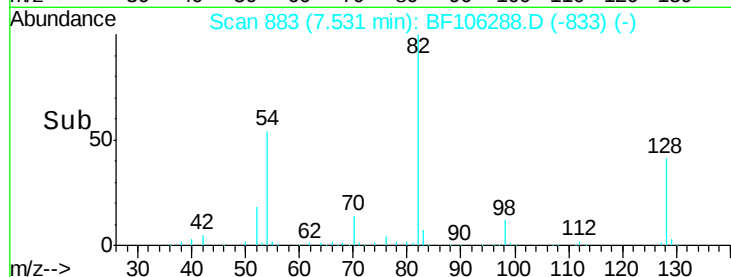
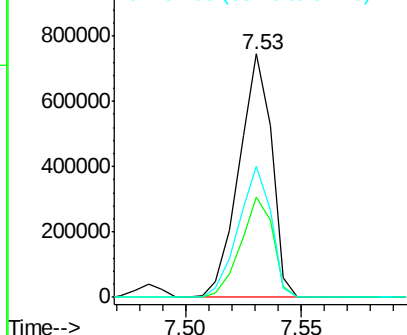
#23
 Nitrobenzene-d5
 Concen: 53.207 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 736916
 Ion Ratio Lower Upper
 82 100
 128 41.1 36.1 54.1
 54 53.7 41.4 62.2

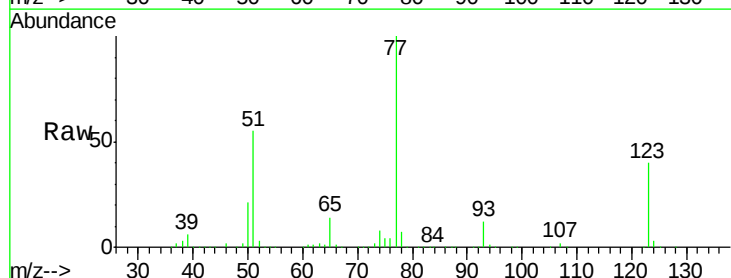


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

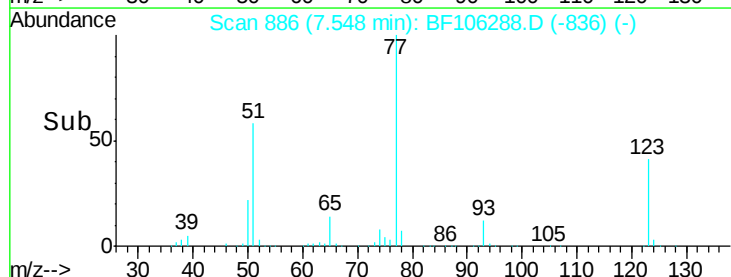
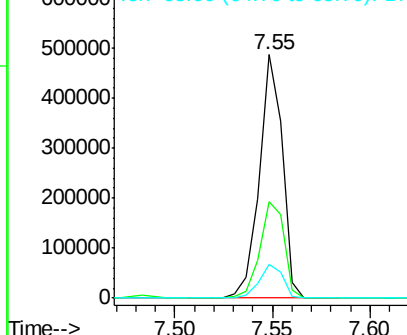


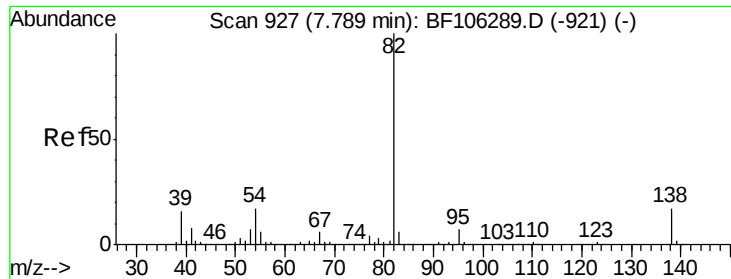
#24
 Nitrobenzene
 Concen: 27.265 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion: 77 Resp: 397605
 Ion Ratio Lower Upper
 77 100
 123 39.8 37.9 56.9
 65 14.0 11.0 16.4



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

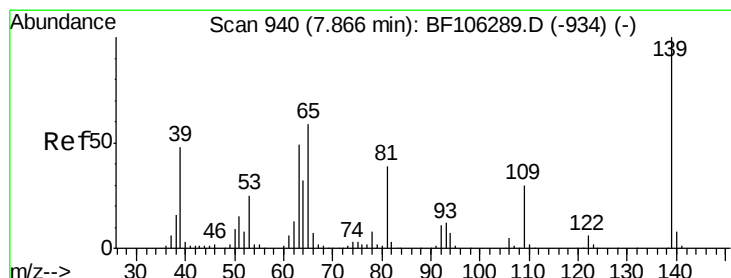
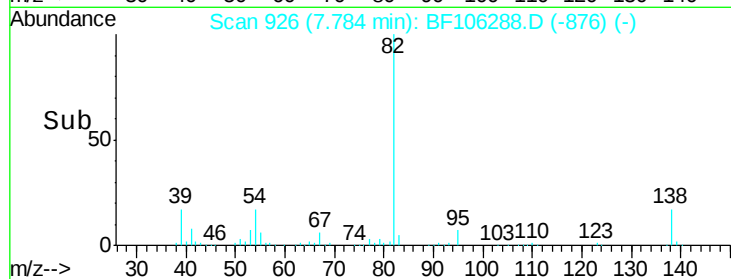
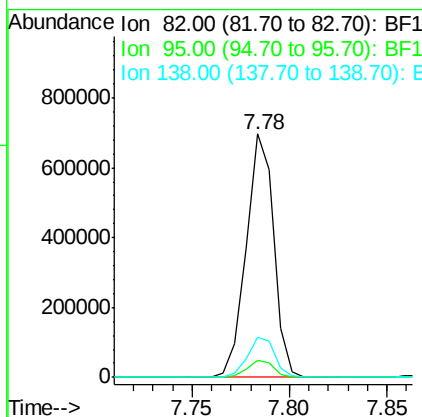
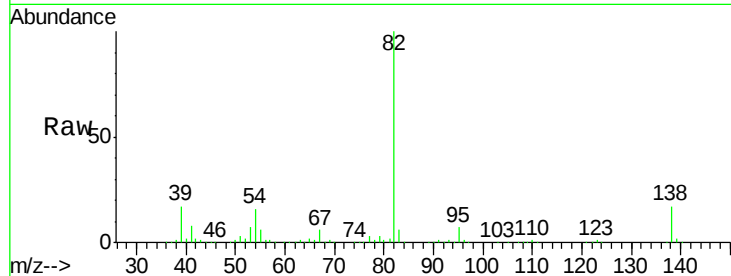




#25
Isophorone
Concen: 25.972 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

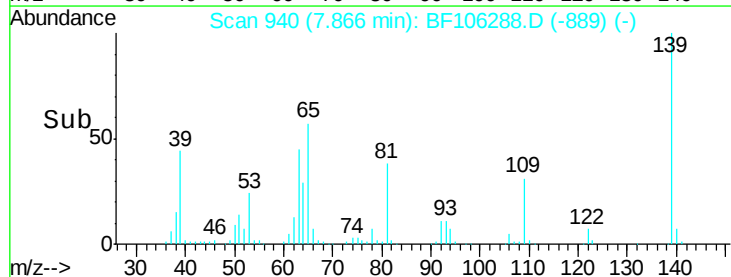
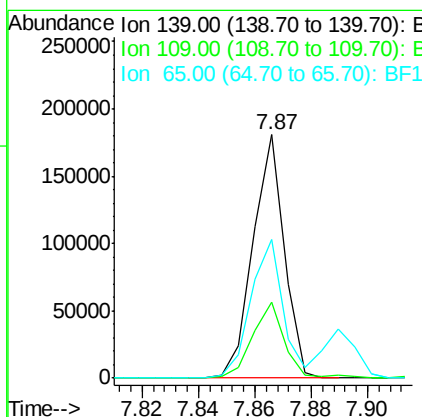
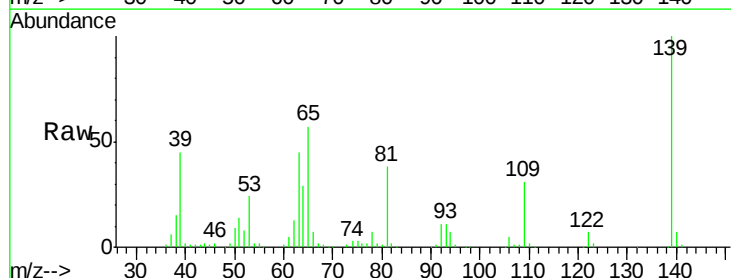
Instrument :
BNA_F
ClientSampleId :

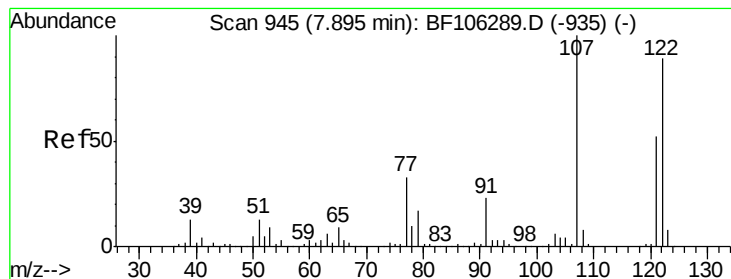
Tot Ion: 82 Resp: 680836
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 16.6 14.9 22.3



#26
2-Nitrophenol
Concen: 18.880 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion: 139 Resp: 138917
Ion Ratio Lower Upper
139 100
109 31.4 22.7 34.1
65 56.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 24.517 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampled :

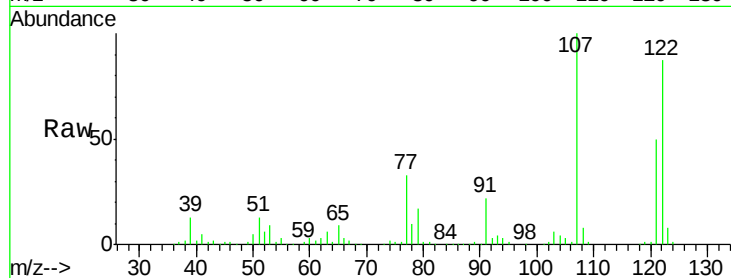
Tot Ion:122 Resp: 296319

Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

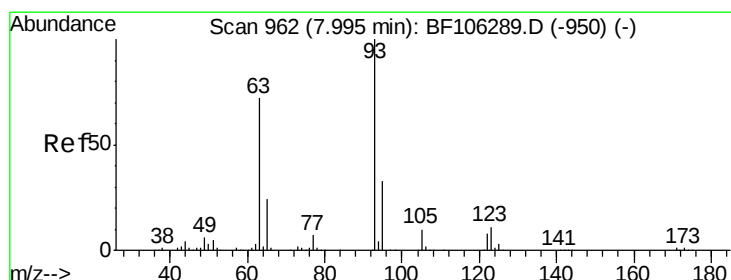
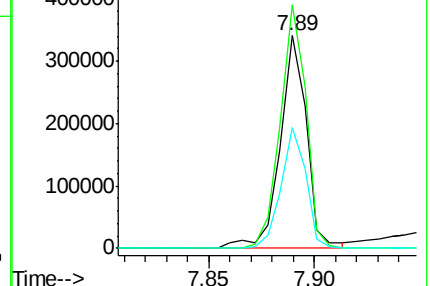
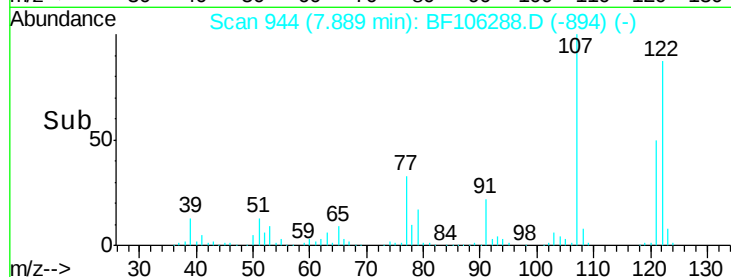
121 57.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 28.333 ng

RT: 8.00 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

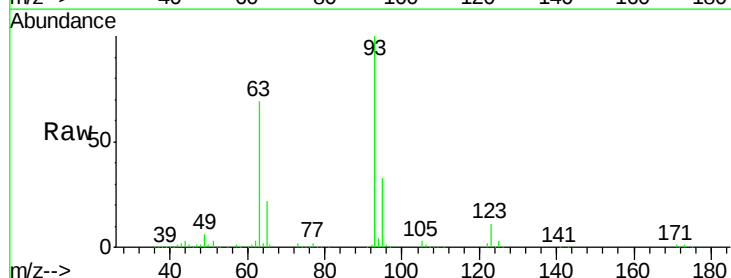
Tgt Ion: 93 Resp: 455556

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

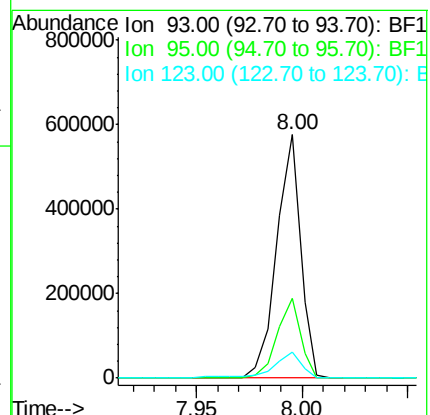
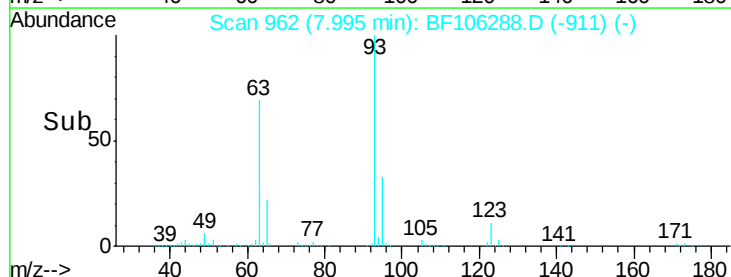
123 10.6 9.8 14.6

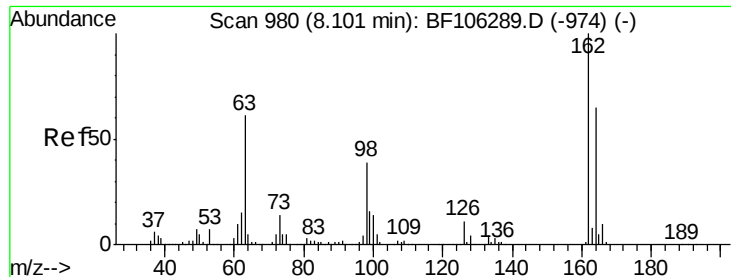


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

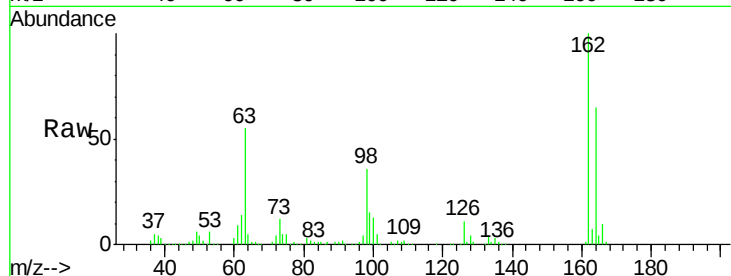




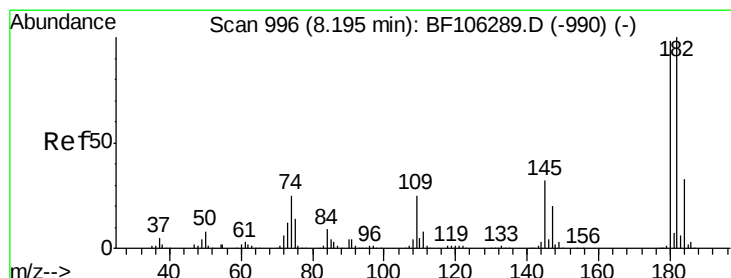
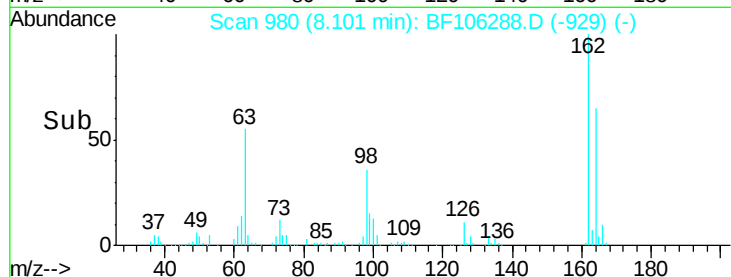
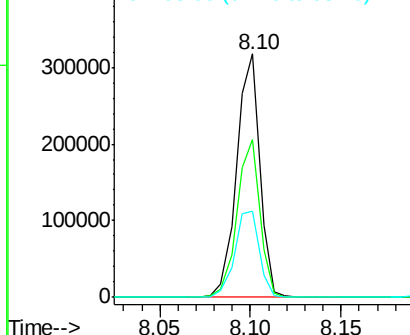
#29
2,4-Dichlorophenol
Concen: 24.885 ng
RT: 8.10 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	35.6	18.1	58.1

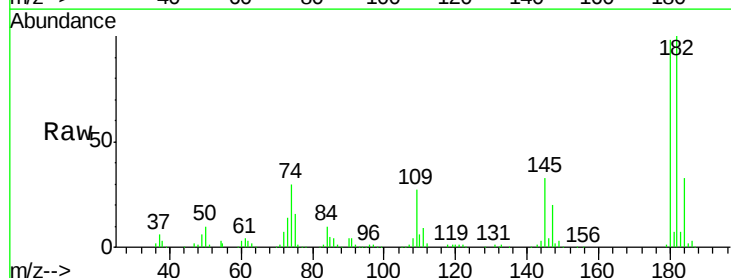


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

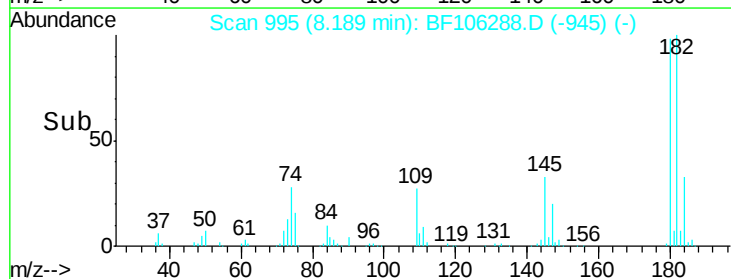
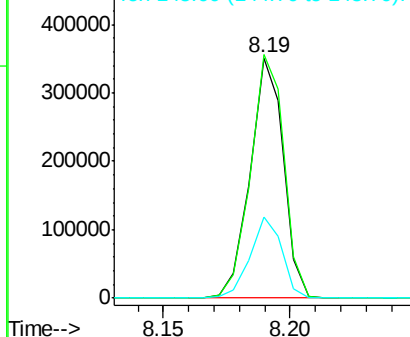


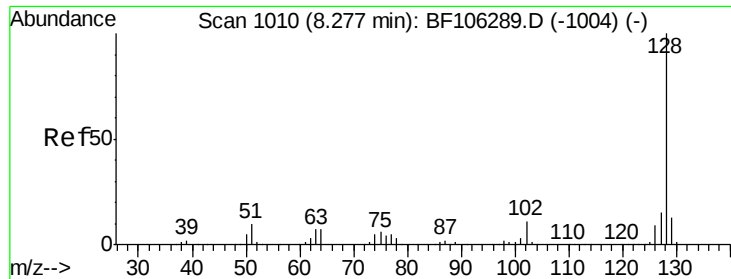
#30
1,2,4-Trichlorobenzene
Concen: 26.614 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.8	115.2
145	33.6	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

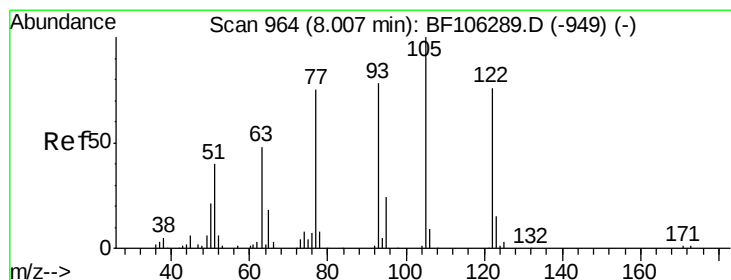
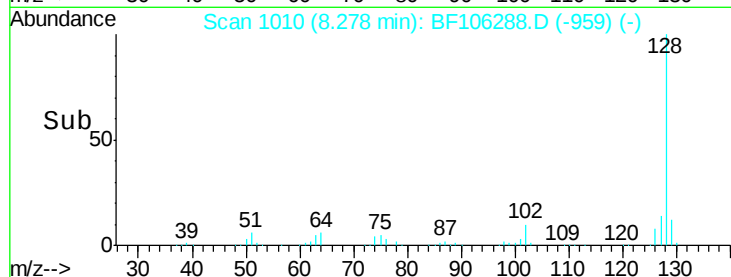
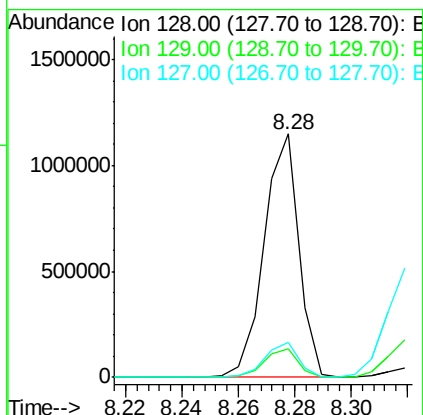
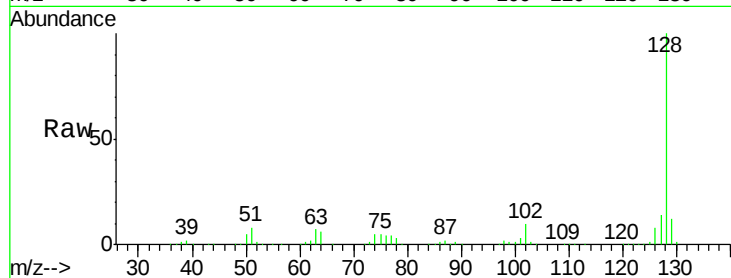




#31
Naphthalene
Concen: 24.892 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

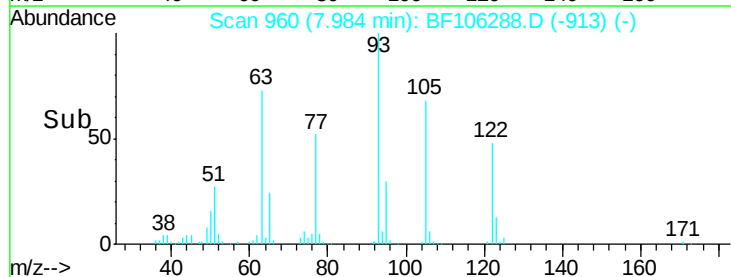
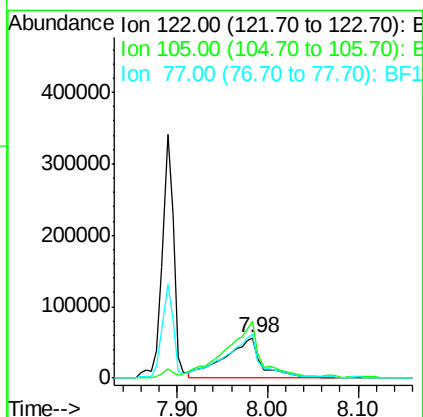
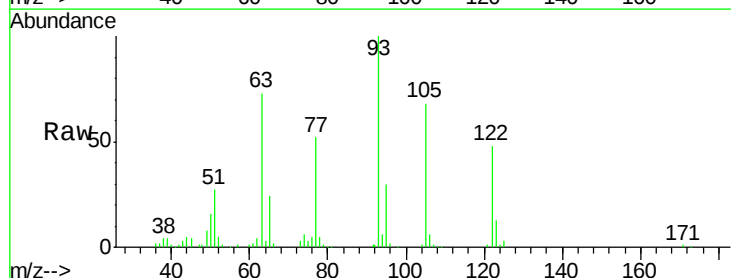
Instrument :
BNA_F
ClientSampleId :

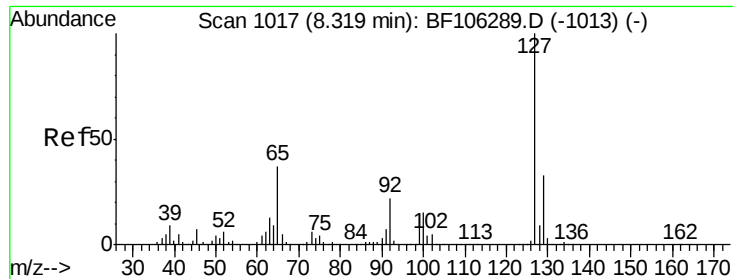
Tot Ion:128 Resp: 977053
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.4 10.9 16.3



#32
Benzoic acid
Concen: 17.723 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:122 Resp: 159123
Ion Ratio Lower Upper
122 100
105 140.1 101.1 141.1
77 108.0 70.7 110.7

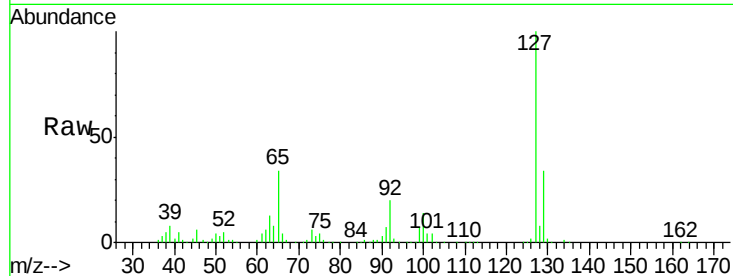




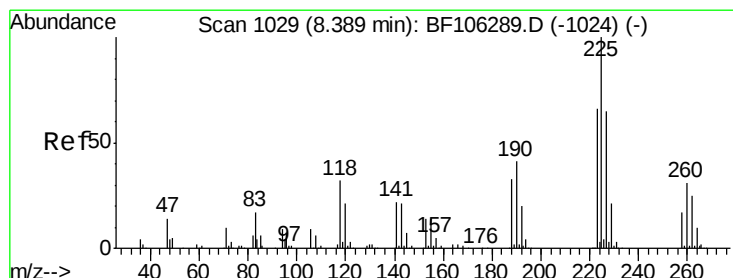
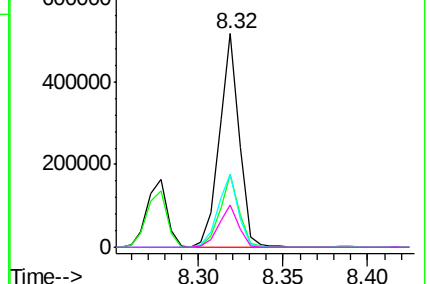
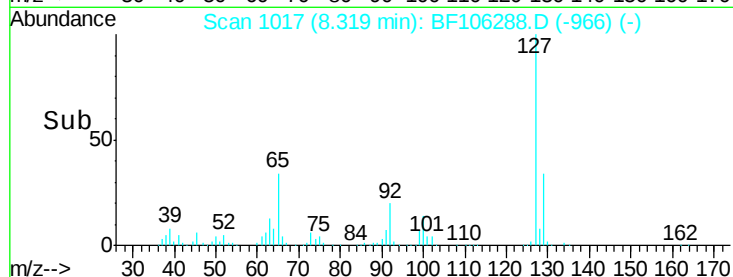
#33
4-Chloroaniline
Concen: 26.074 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	424908
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	34.3	25.0	37.4
92	20.0	15.2	22.8

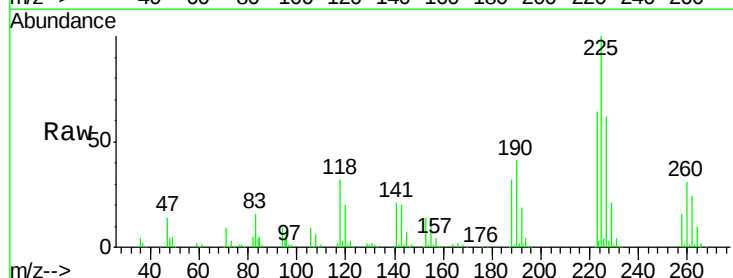


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

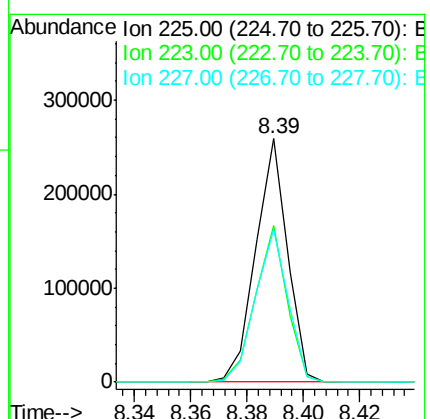
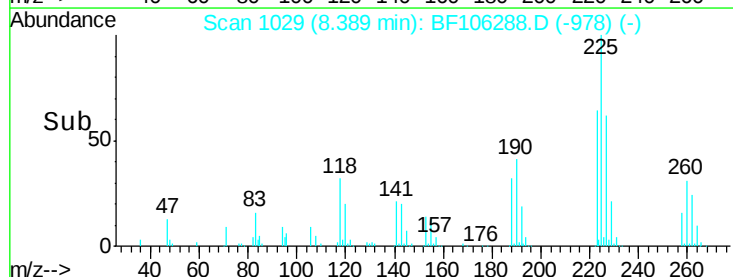


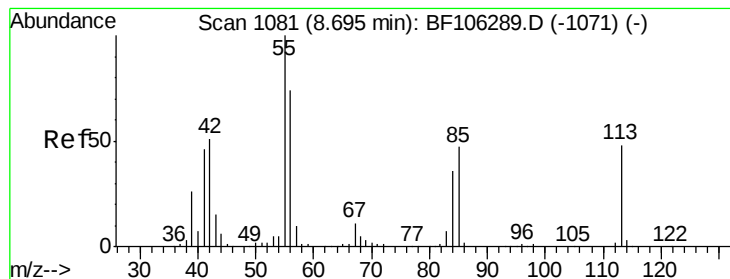
#34
Hexachlorobutadiene
Concen: 31.378 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:	225	Resp:	202498
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	62.5	51.9	77.9



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





#35

Caprolactam

Concen: 26.053 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

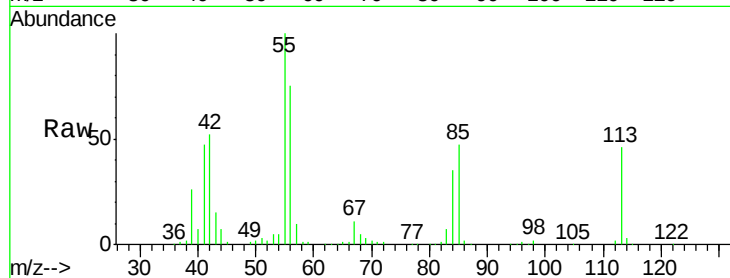
Tot Ion:113 Resp: 91190

Ion Ratio Lower Upper

113 100

55 216.4 163.3 203.3#

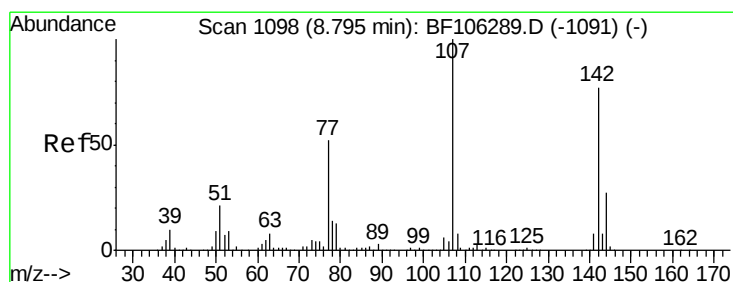
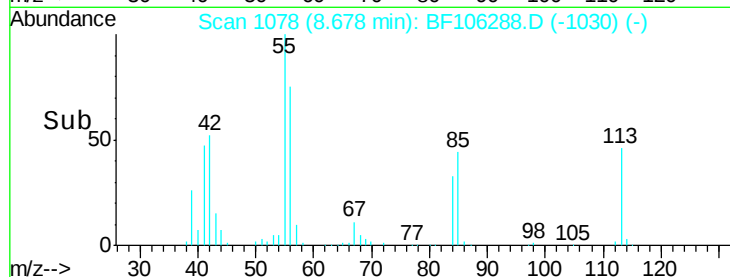
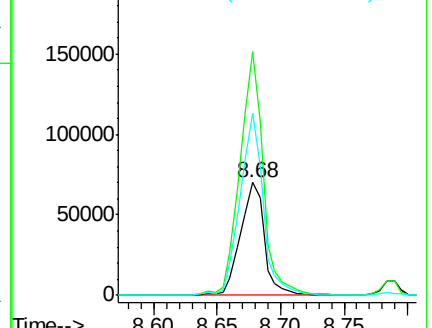
56 162.4 115.7 155.7#



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: 25.758 ng

RT: 8.79 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

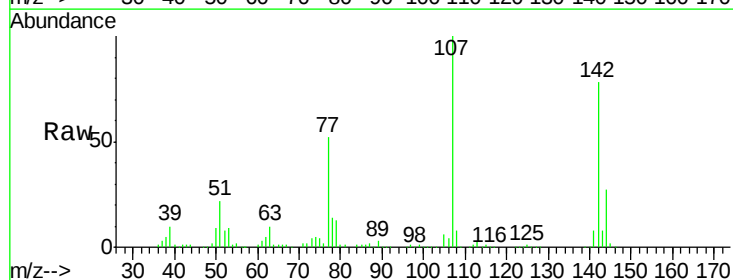
Tgt Ion:107 Resp: 314032

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

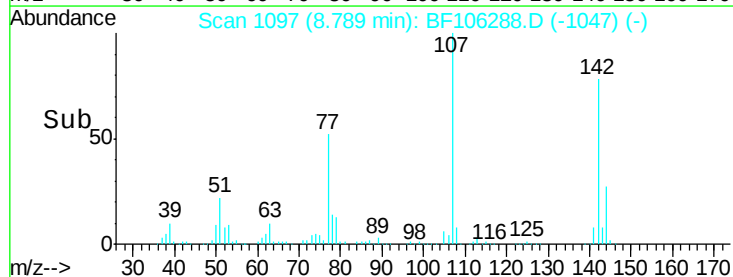
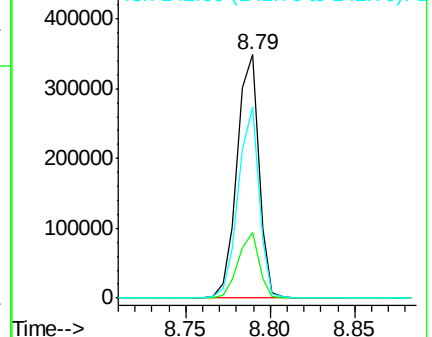
142 78.5 62.0 93.0

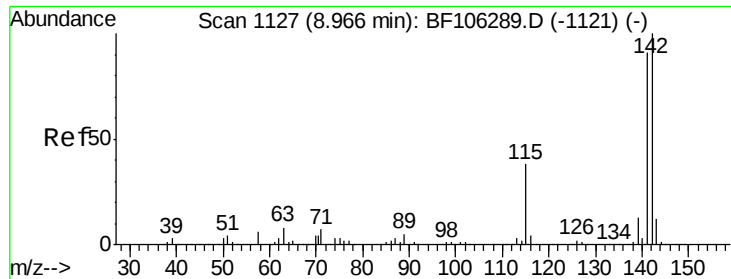


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

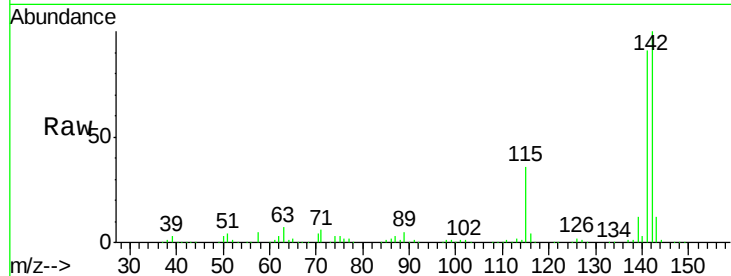




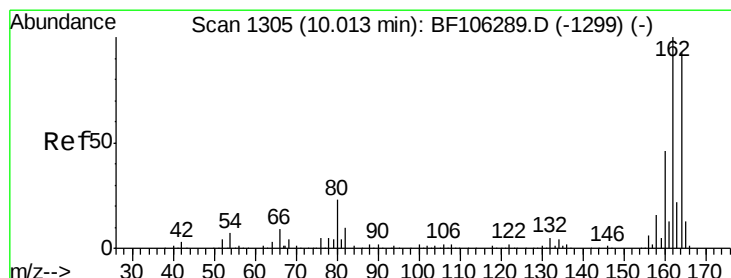
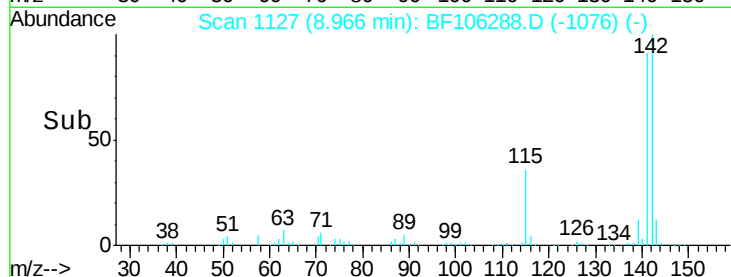
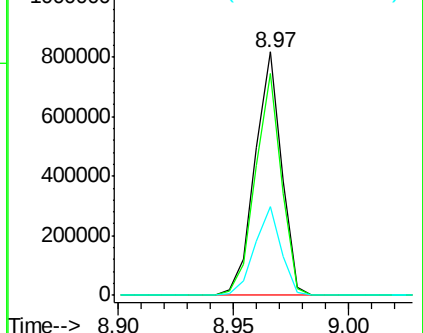
#37
2-Methylnaphthalene
Concen: 24.893 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	36.2	26.1	39.1

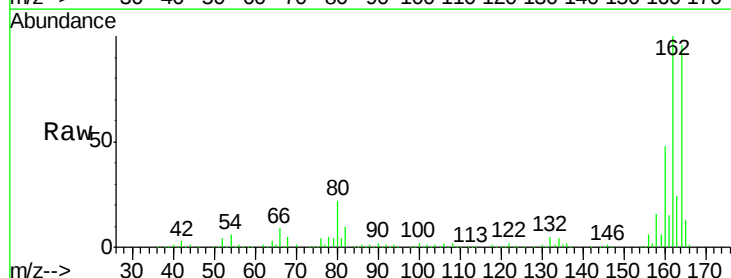


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

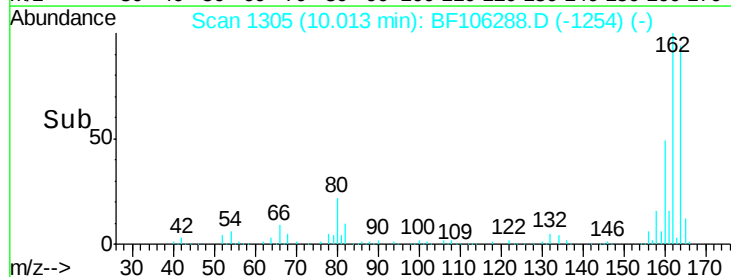
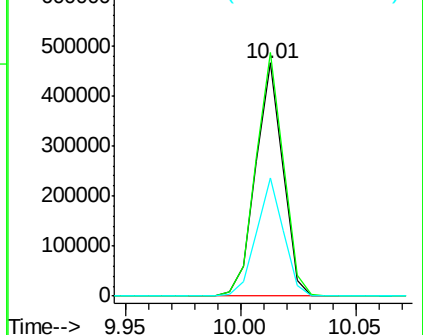


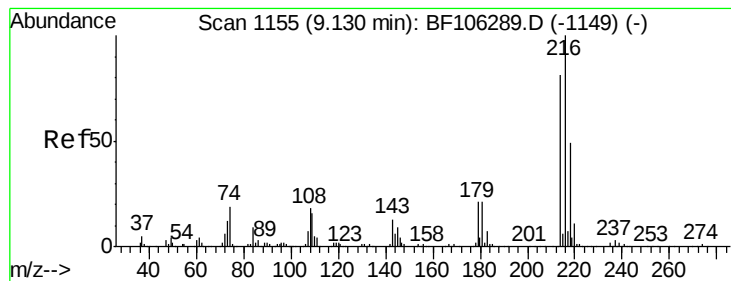
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	50.6	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.924 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF106288.D

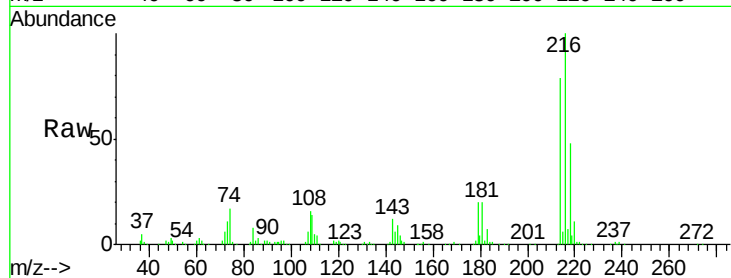
Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	335513
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.0 94.4
179	20.2	18.1 27.1
108	19.1	17.2 25.8

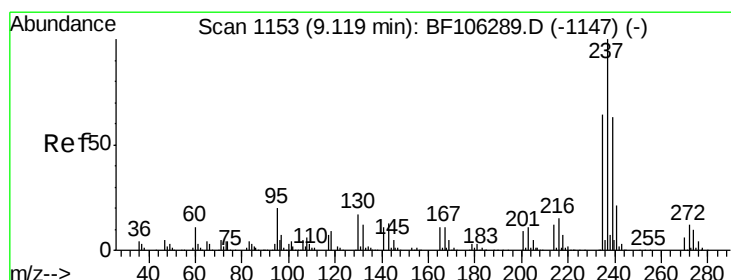
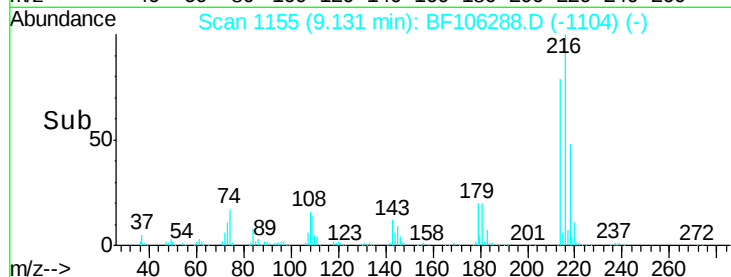
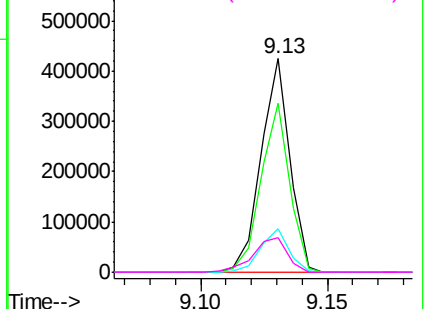


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 23.430 ng

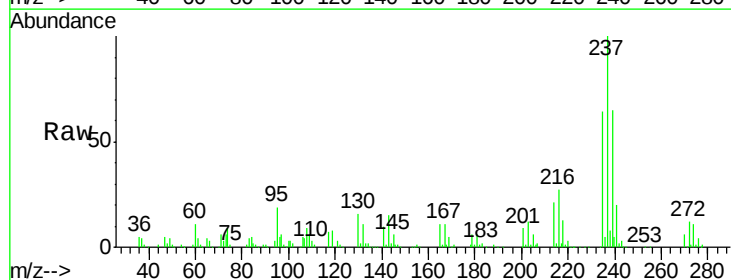
RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

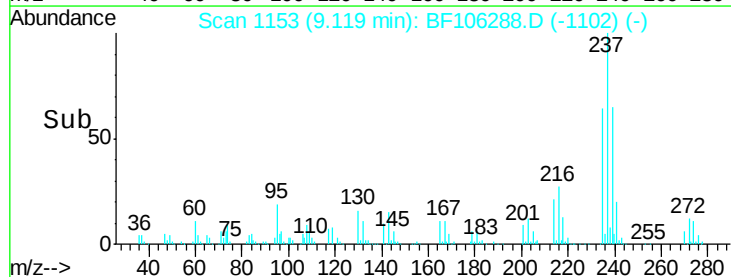
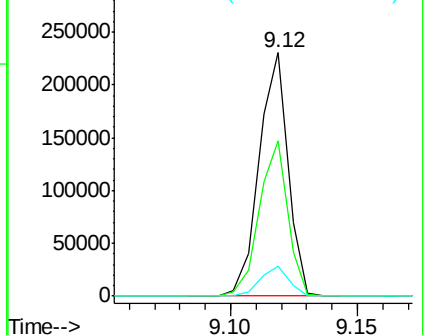
Tgt Ion:237	Resp:	183936
Ion Ratio	Lower	Upper
237	100	
235	63.6	44.8 84.8
272	12.4	0.0 33.3

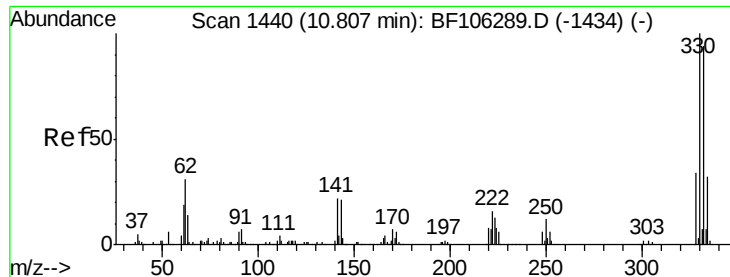


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

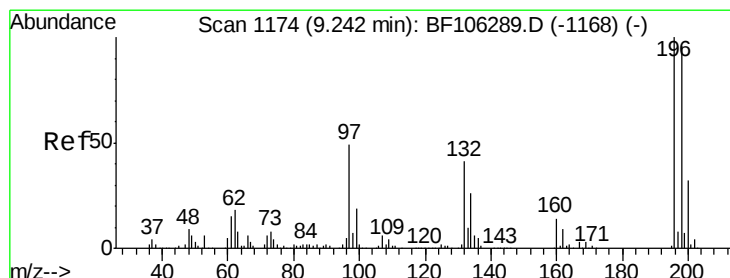
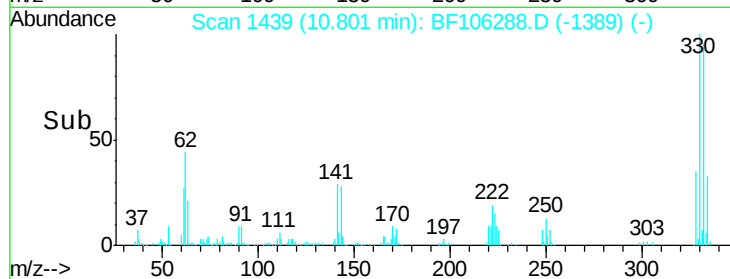
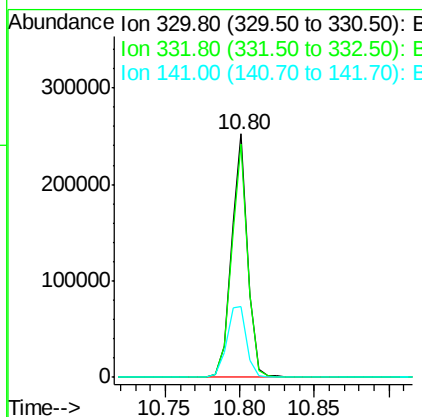
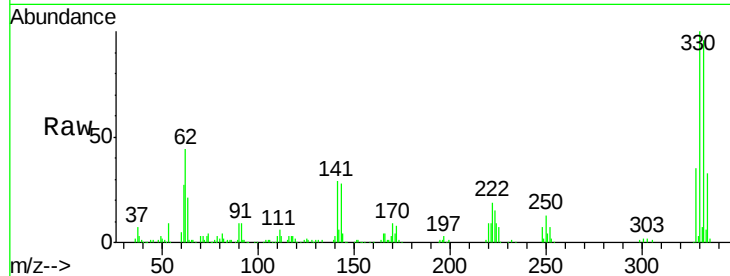




#41
 2,4,6-Tribromophenol
 Concen: 39.037 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

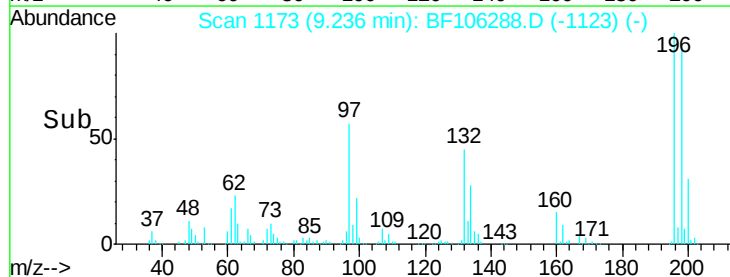
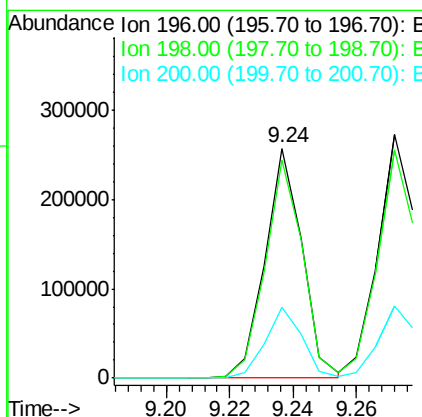
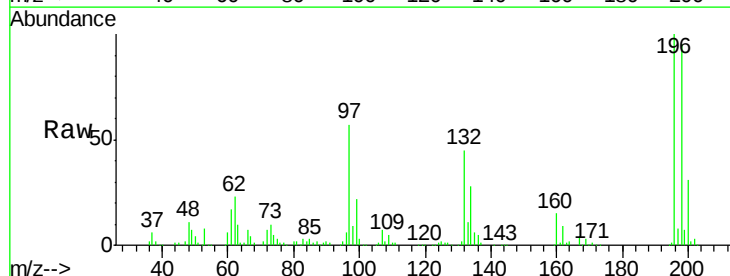
Instrument :
 BNA_F
 ClientSampleId :

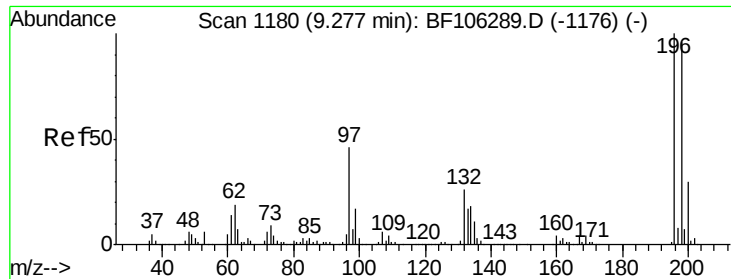
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 26.507 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	30.8	24.5	36.7

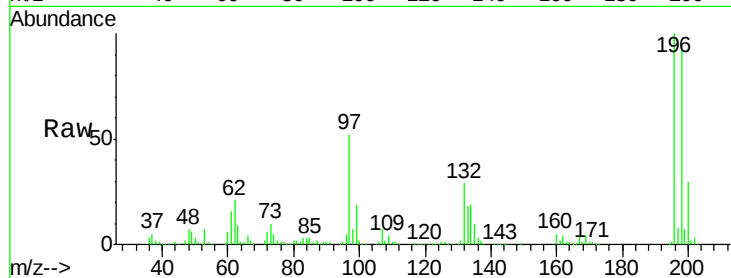




#43
 2,4,5-Trichlorophenol
 Concen: 27.115 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.8	74.6	112.0	
97	52.0	42.9	64.3	
132	29.1	26.3	39.5	



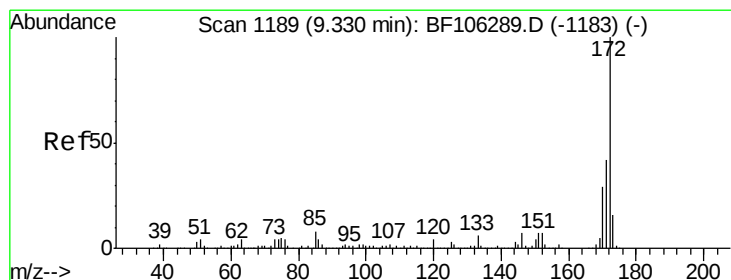
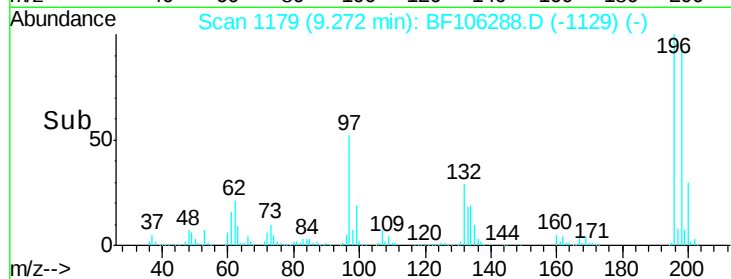
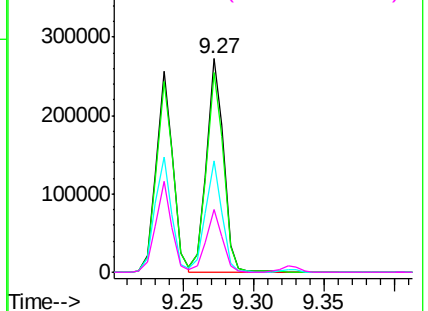
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

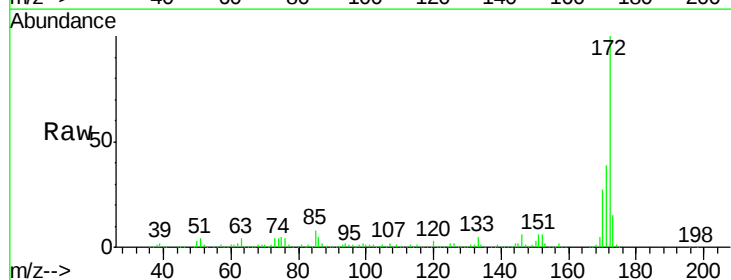
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 49.386 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.8	29.7	44.5	
170	26.7	19.6	29.4	

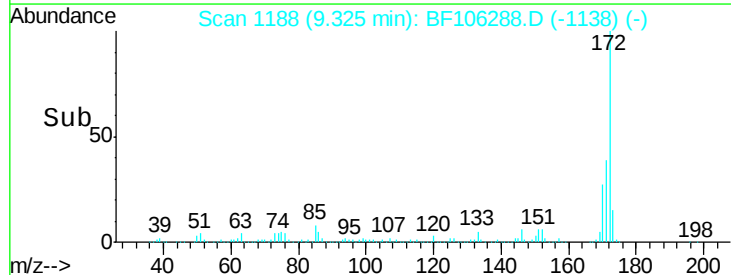
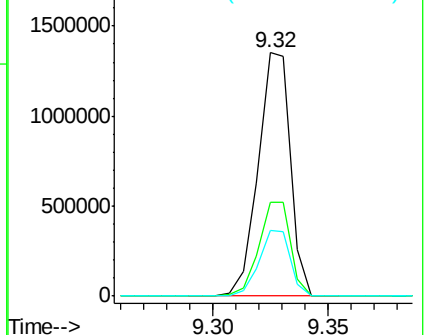


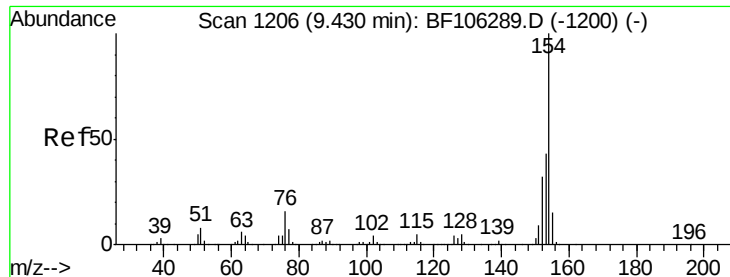
Abundance

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

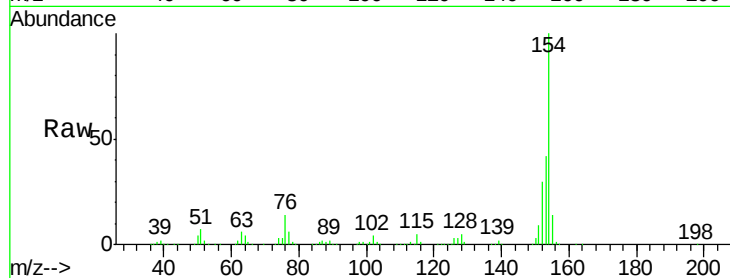




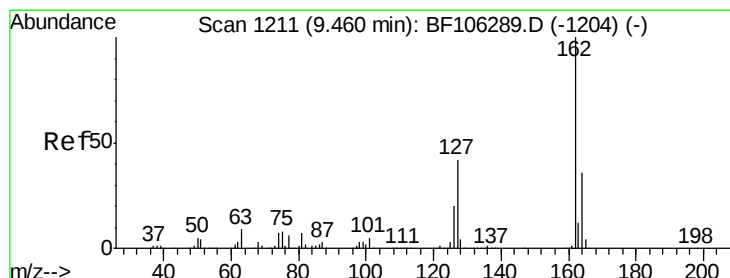
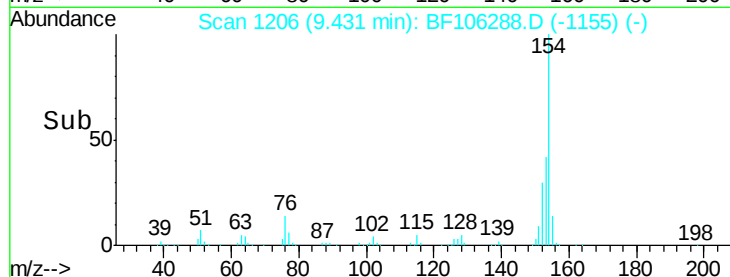
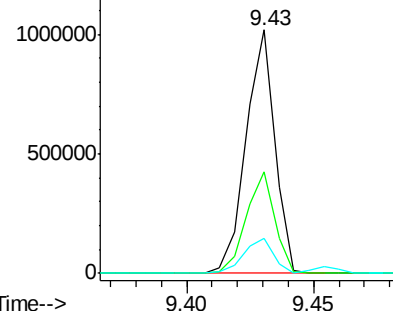
#45
 1,1'-Biphenyl
 Concen: 23.768 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	14.4	0.0	34.0

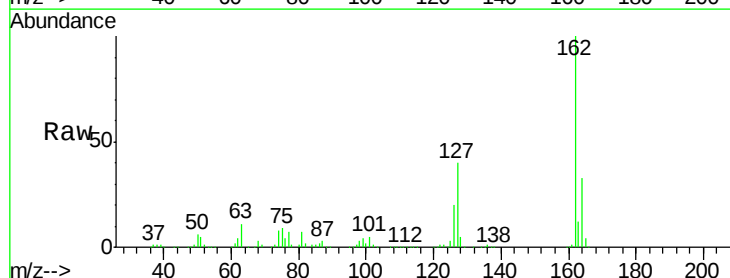


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

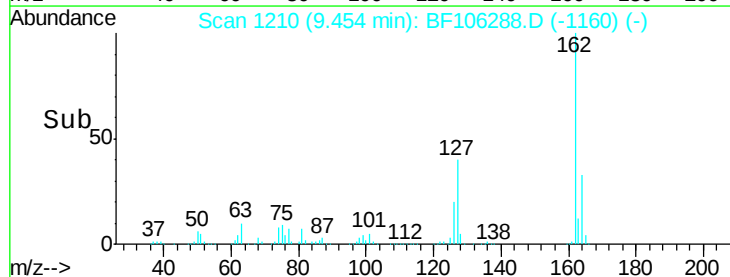
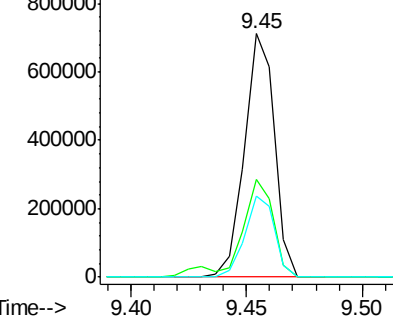


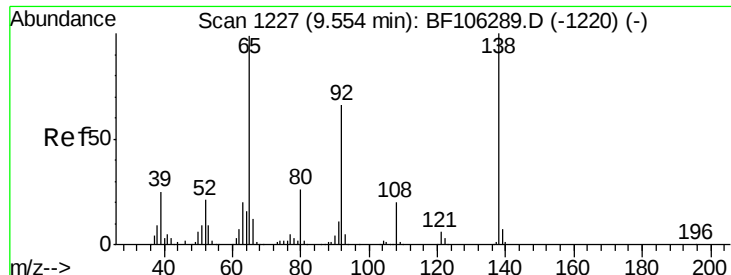
#46
 2-Chloronaphthalene
 Concen: 25.175 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.1	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

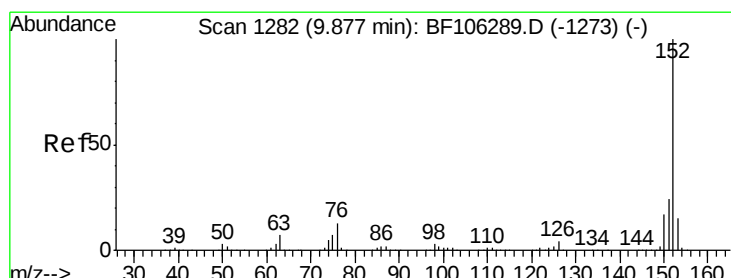
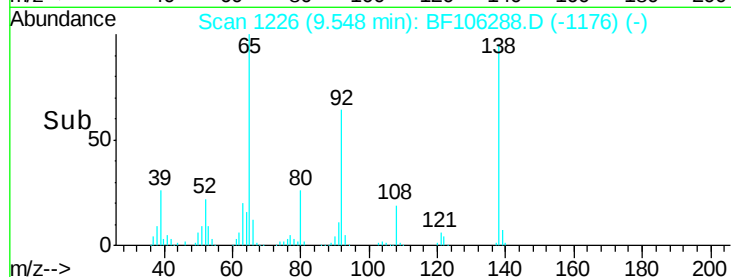
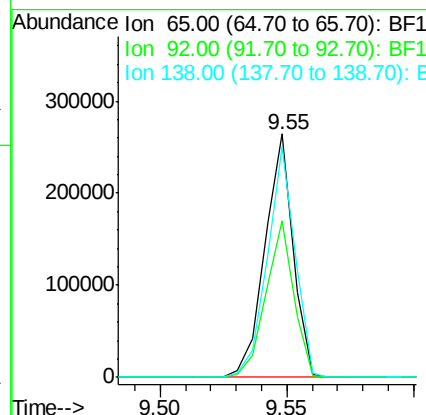
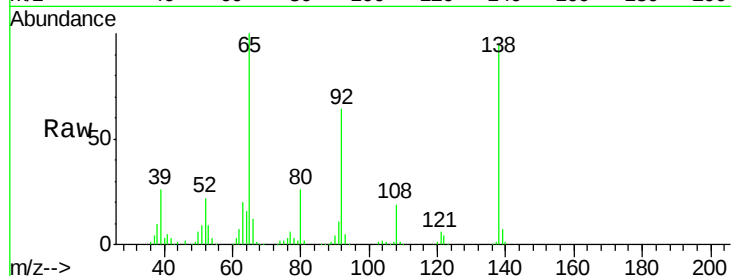




#47
2-Nitroaniline
Concen: 23.758 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

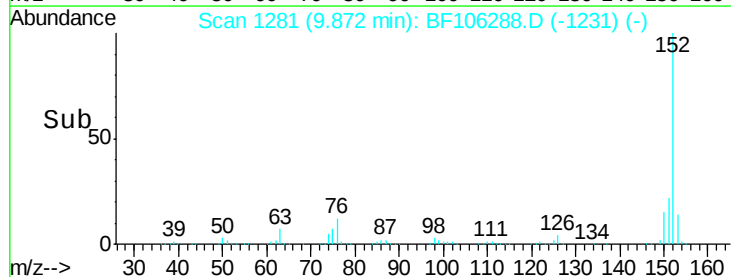
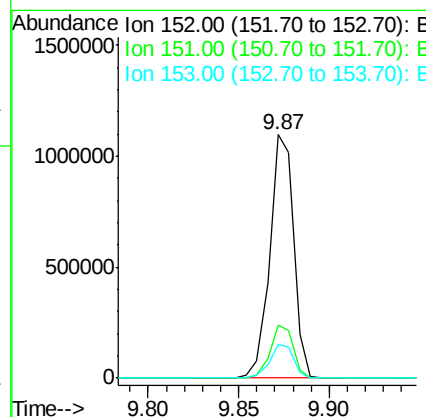
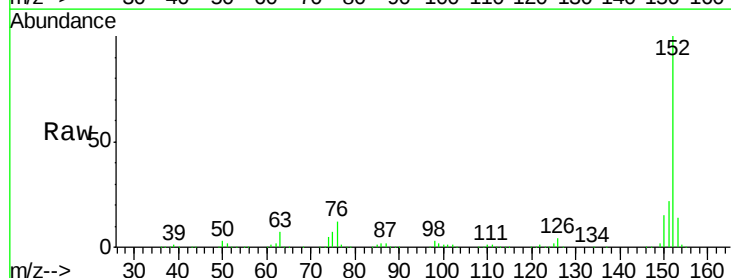
Instrument :
BNA_F
ClientSampleId :

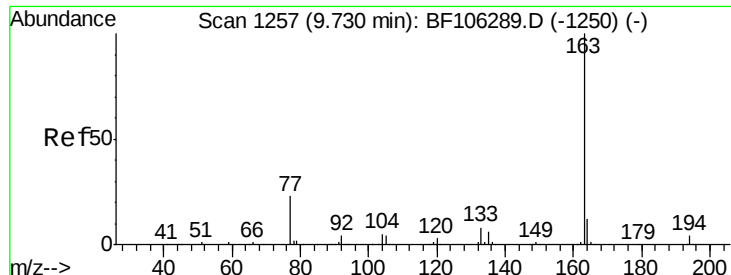
Tot Ion: 65 Resp: 204585
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 94.9 91.2 136.8



#48
Acenaphthylene
Concen: 25.543 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion: 152 Resp: 1003399
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.0 10.7 16.1

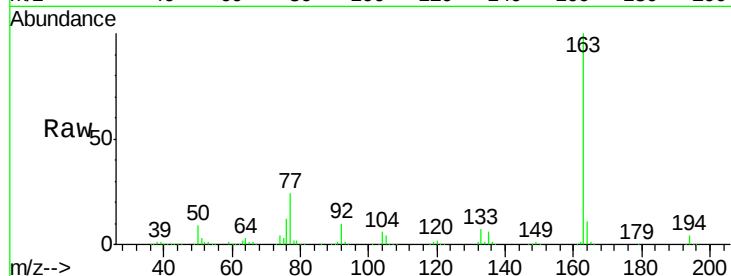




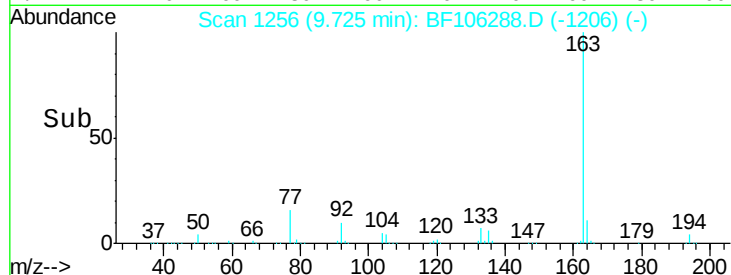
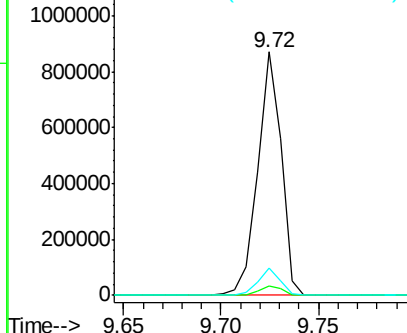
#49
Dimethylphthalate
Concen: 24.559 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 724924
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 11.0 8.2 12.2

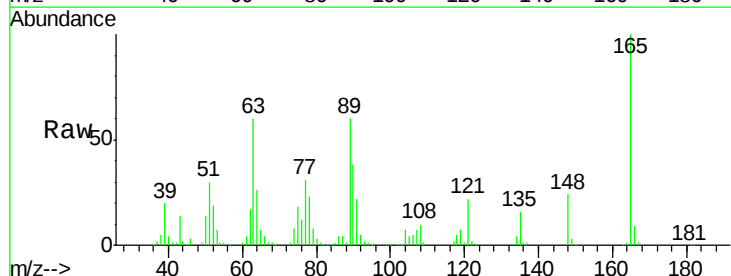
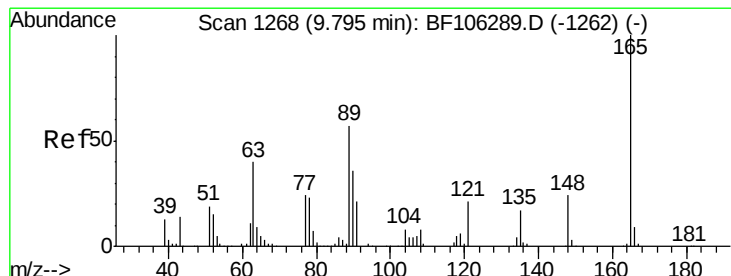


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

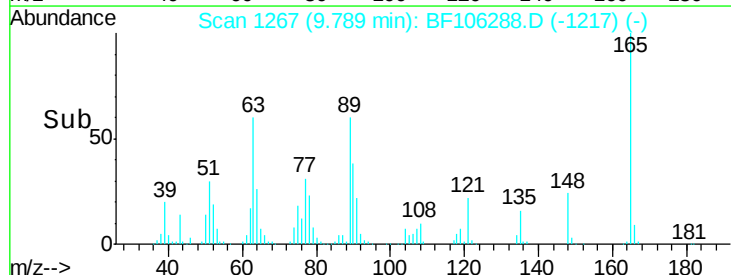
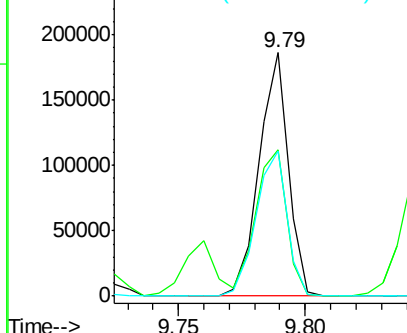


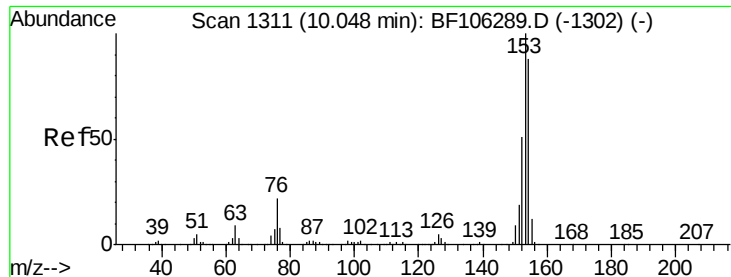
#50
2,6-Dinitrotoluene
Concen: 23.188 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:165 Resp: 150689
Ion Ratio Lower Upper
165 100
63 60.1 44.7 67.1
89 59.6 44.0 66.0



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





#51

Acenaphthene

Concen: 24.043 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

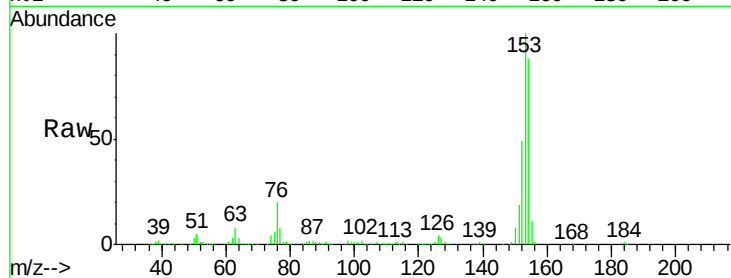
Tot Ion:154 Resp: 625267

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

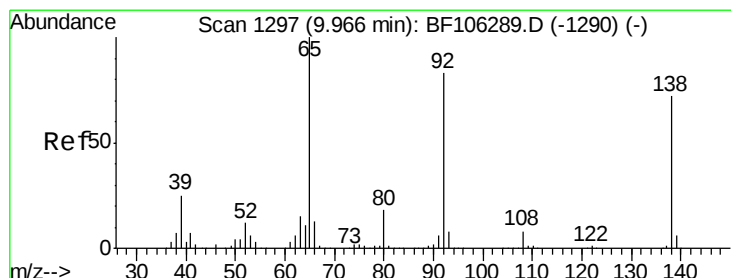
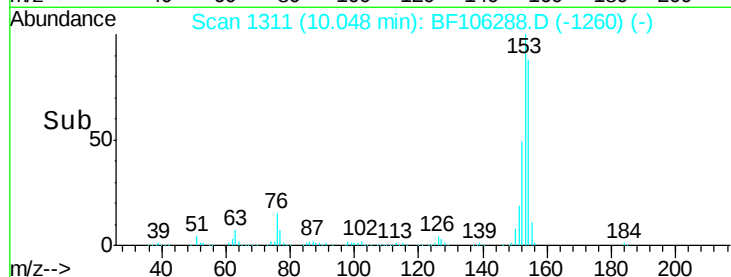
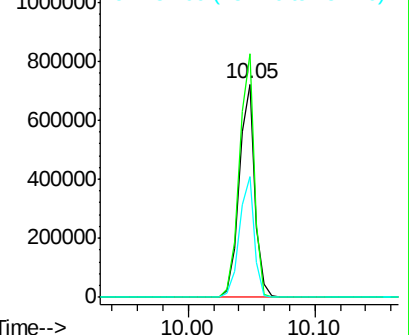
152 56.4 43.8 65.8



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: 23.725 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

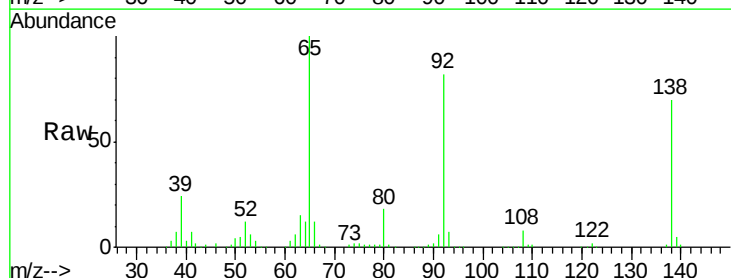
Tgt Ion:138 Resp: 177651

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

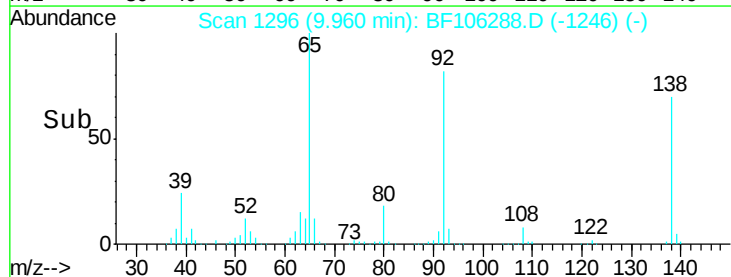
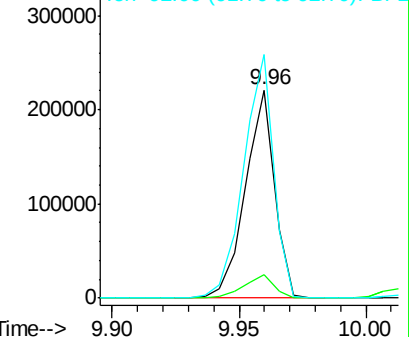
92 117.0 89.4 134.2

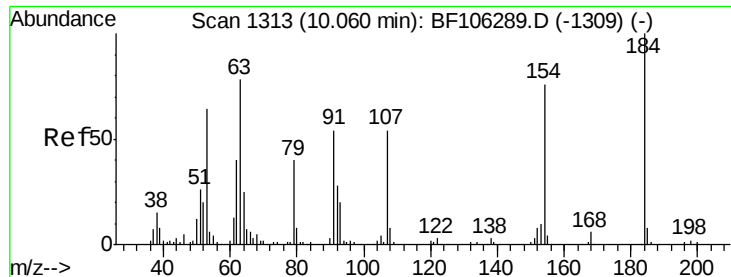


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

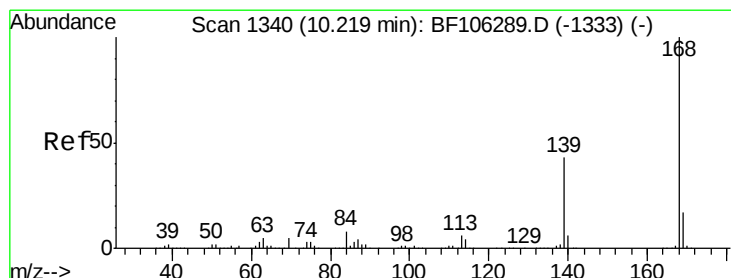
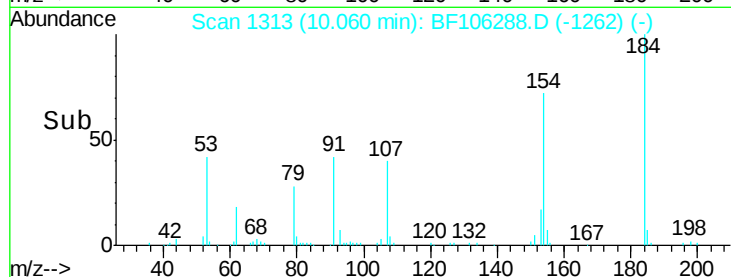
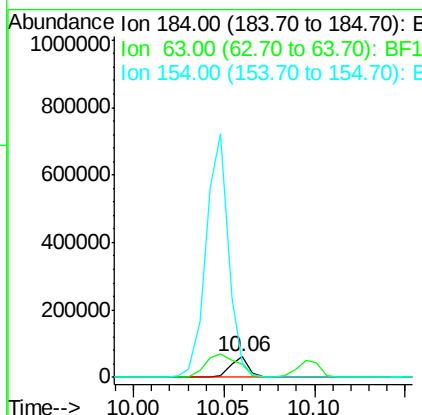
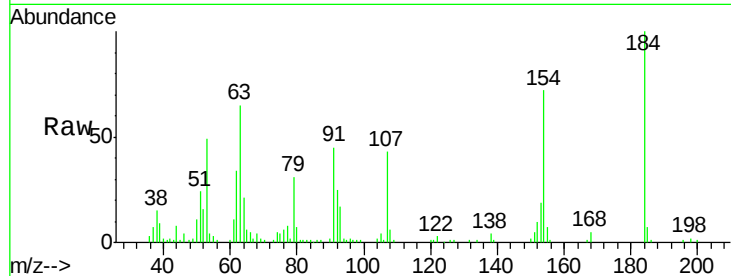




#53
 2,4-Dinitrophenol
 Concen: 11.486 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

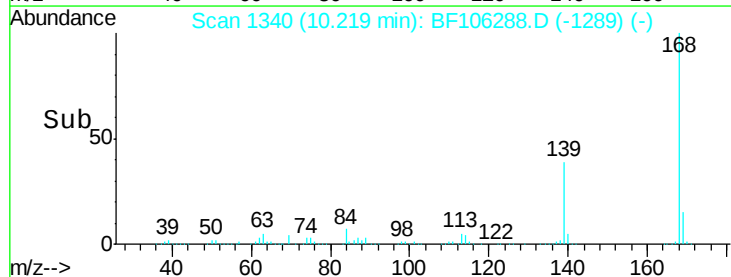
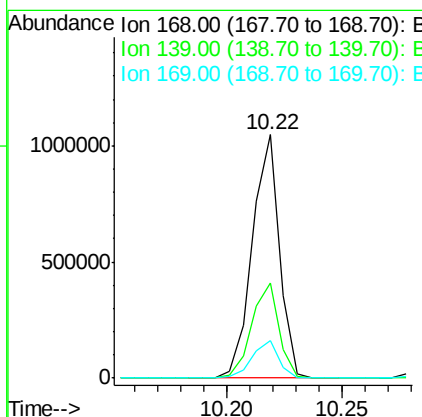
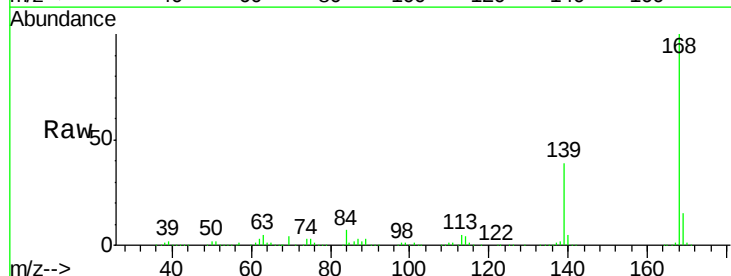
Instrument :
 BNA_F
 ClientSampled :

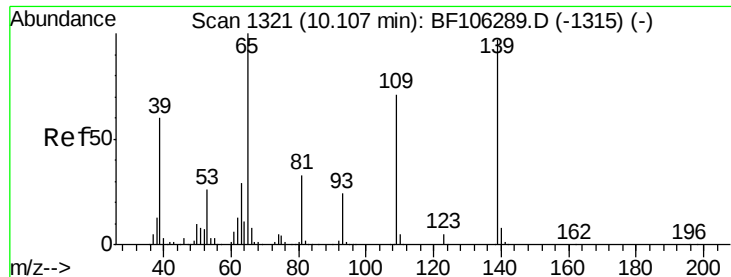
Tot Ion:184 Resp: 43867
 Ion Ratio Lower Upper
 184 100
 63 64.7 54.2 81.2
 154 72.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 24.676 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion:168 Resp: 862038
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 15.5 10.9 16.3

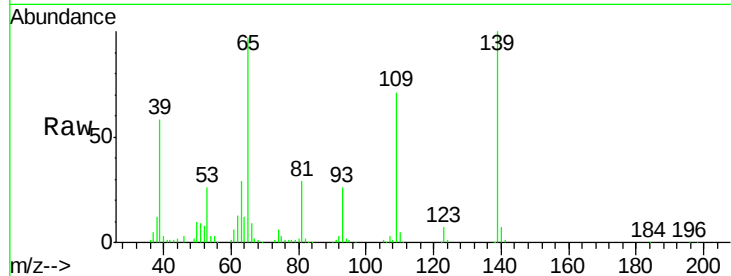




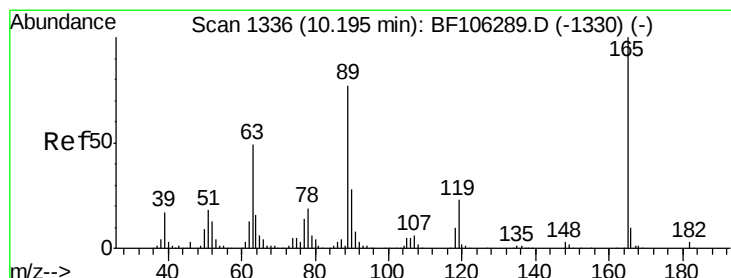
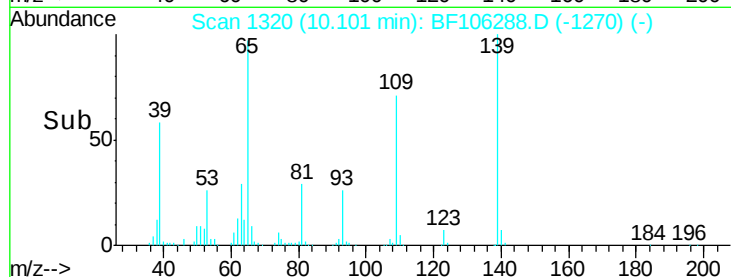
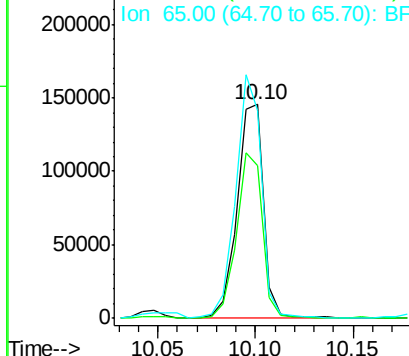
#55
4-Nitrophenol
Concen: 22.275 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 136425
Ion Ratio Lower Upper
139 100
109 71.3 48.4 88.4
65 97.2 72.6 112.6

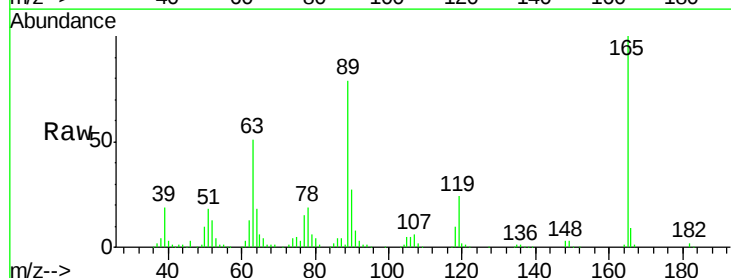


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

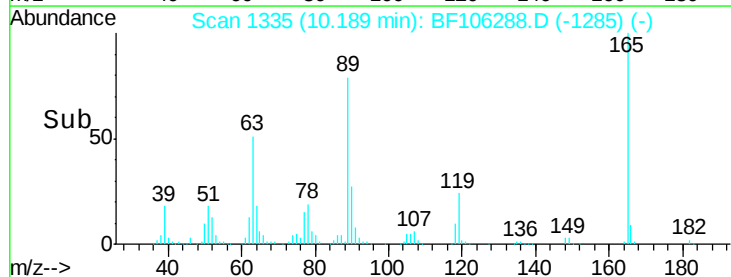
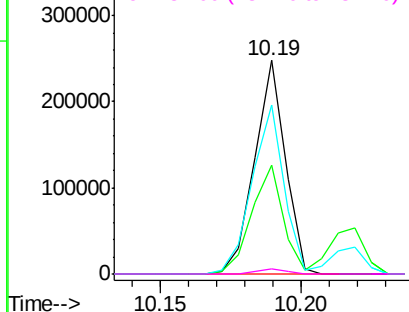


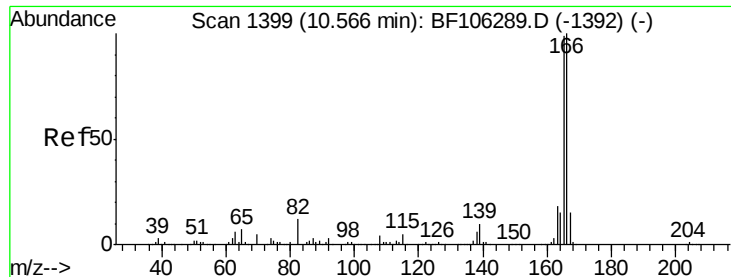
#56
2,4-Dinitrotoluene
Concen: 22.236 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:165 Resp: 187989
Ion Ratio Lower Upper
165 100
63 50.9 36.4 54.6
89 78.9 57.8 86.6
182 2.1 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: 25.793 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

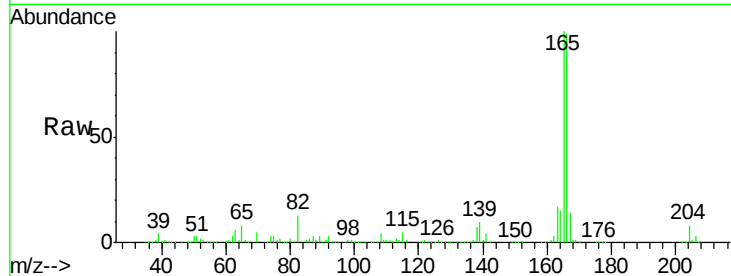
Tot Ion:166 Resp: 681852

Ion Ratio Lower Upper

166 100

165 101.2 79.8 119.8

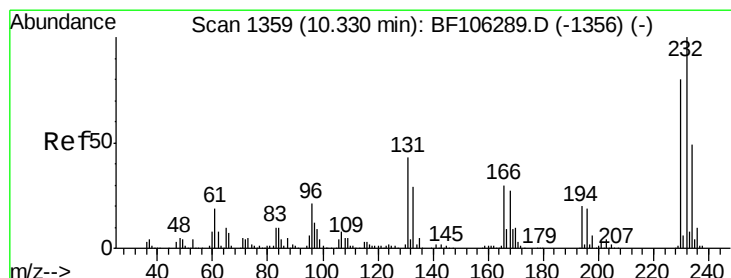
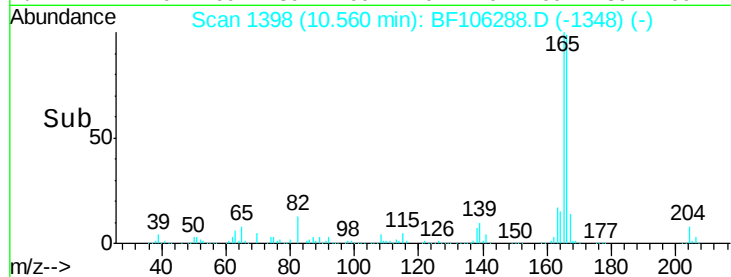
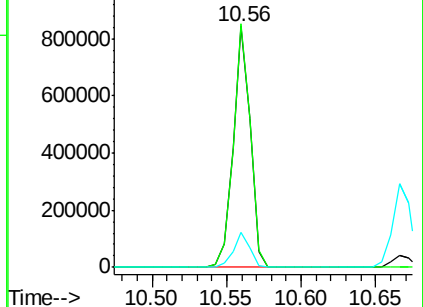
167 14.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.326 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Tgt Ion:232 Resp: 178348

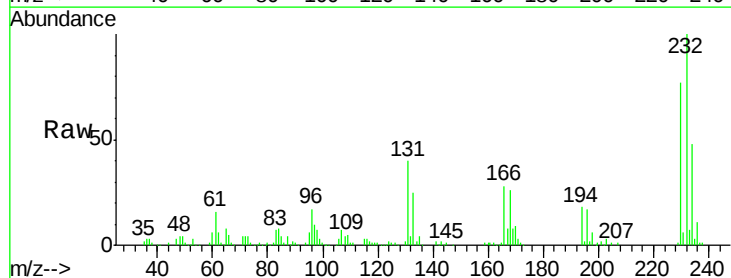
Ion Ratio Lower Upper

232 100

131 45.4 43.8 65.8

130 2.2 2.1 3.1

166 29.7 27.8 41.6

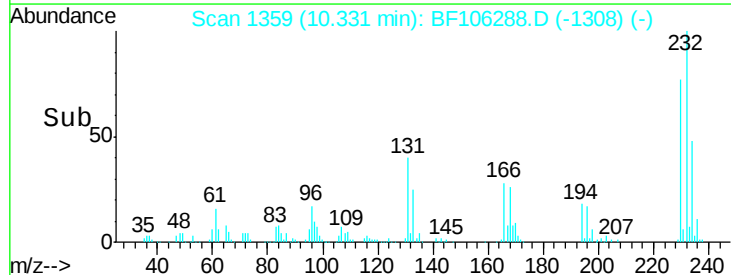
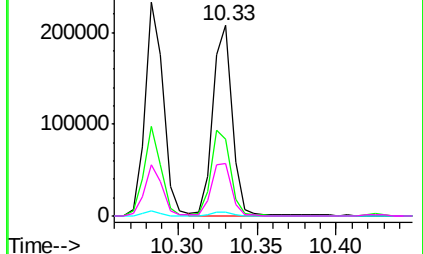


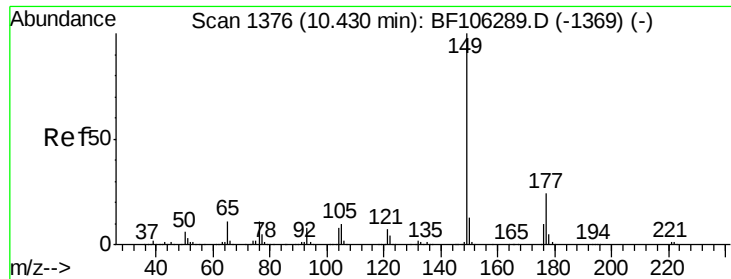
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

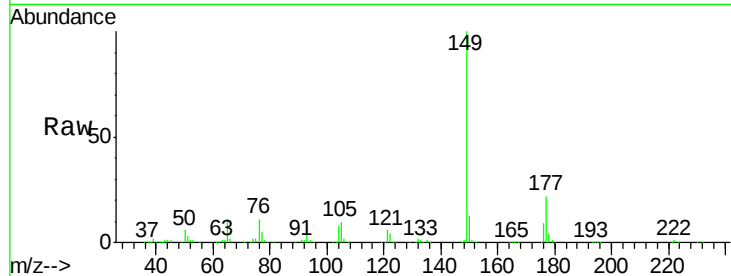




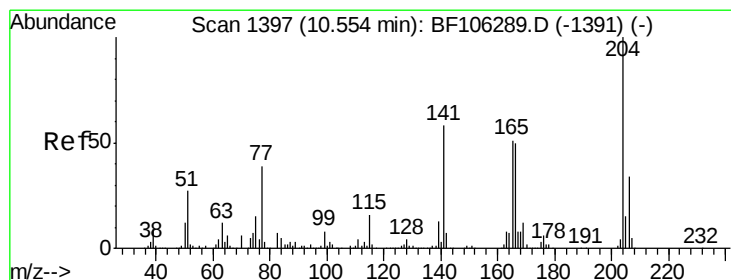
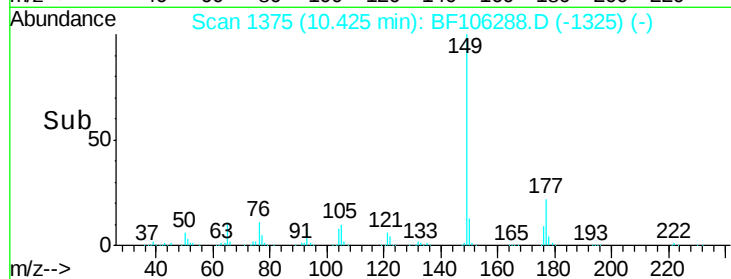
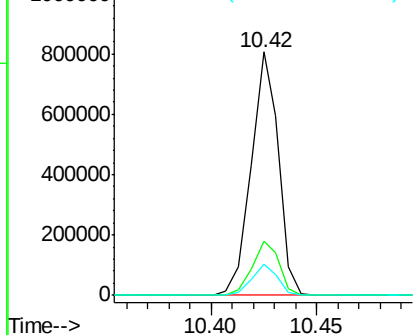
#59
Diethylphthalate
Concen: 24.545 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 722783
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.7 10.1 15.1

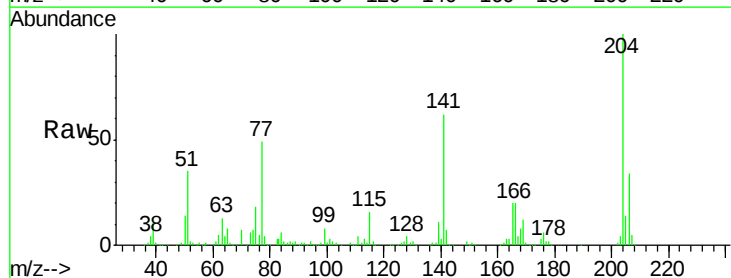


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

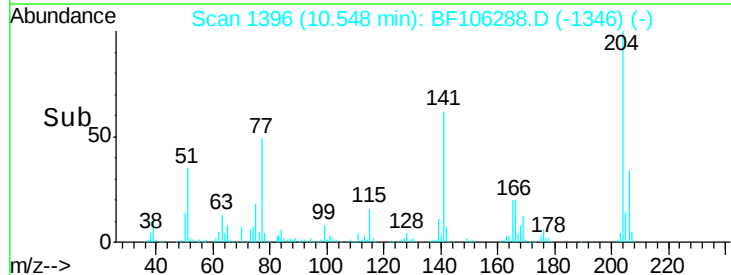
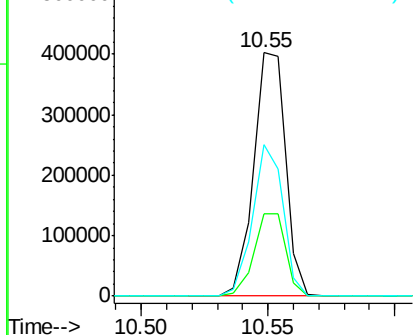


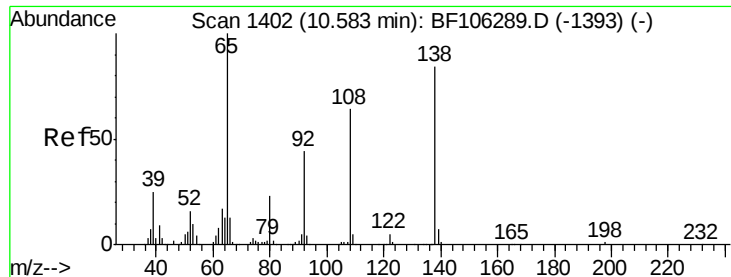
#60
4-Chlorophenyl-phenylether
Concen: 29.090 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:204 Resp: 356163
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 62.1 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

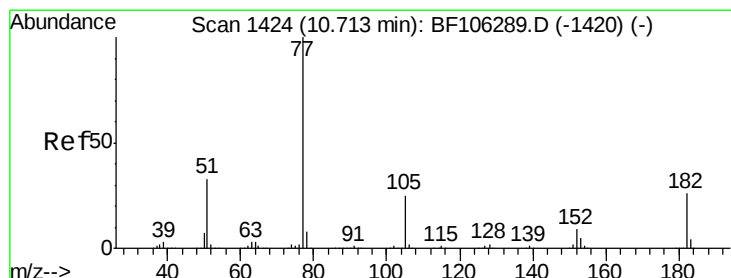
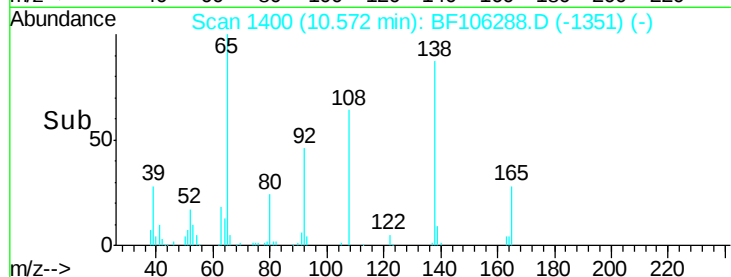
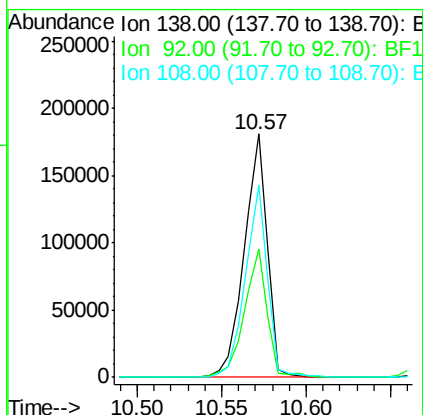
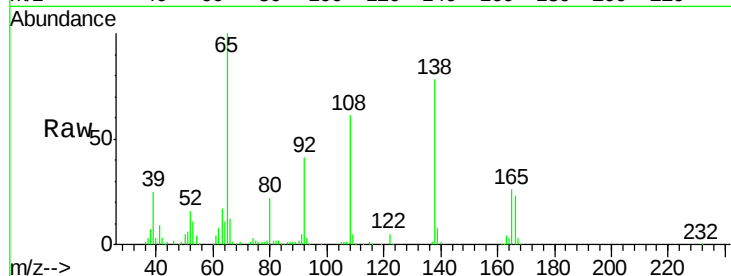




#61
4-Nitroaniline
Concen: 23.073 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

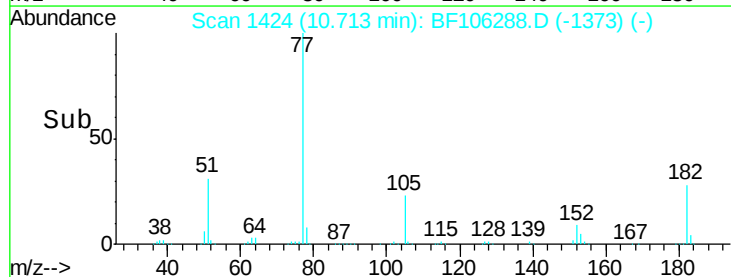
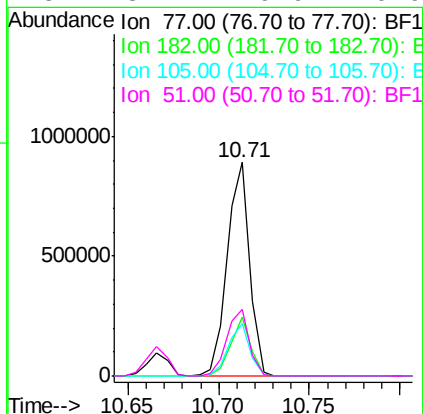
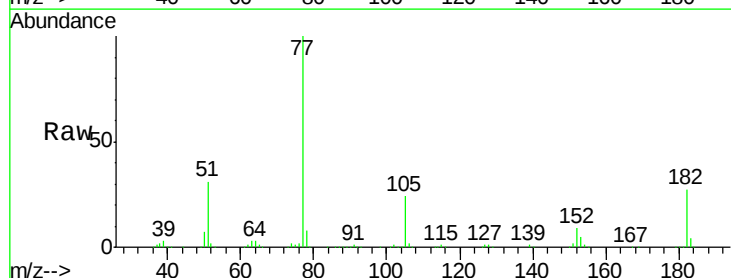
Instrument :
BNA_F
ClientSampled :

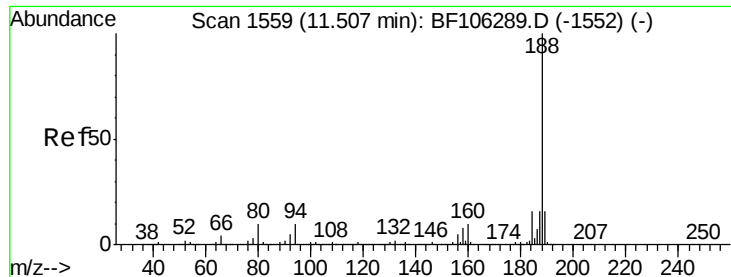
Tot Ion:138 Resp: 172734
Ion Ratio Lower Upper
138 100
92 52.7 30.2 70.2
108 78.8 52.5 92.5



#62
Azobenzene
Concen: 26.605 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion: 77 Resp: 766746
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 24.3 3.0 43.0
51 31.1 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: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

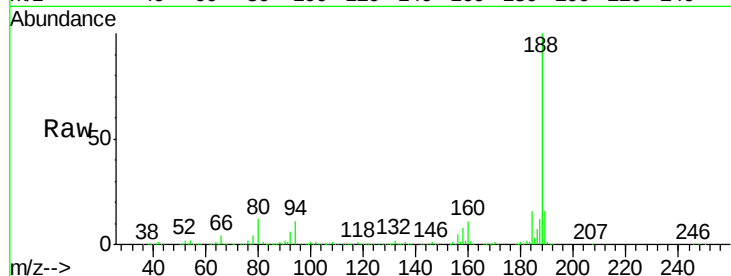
Tot Ion:188 Resp: 739189

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

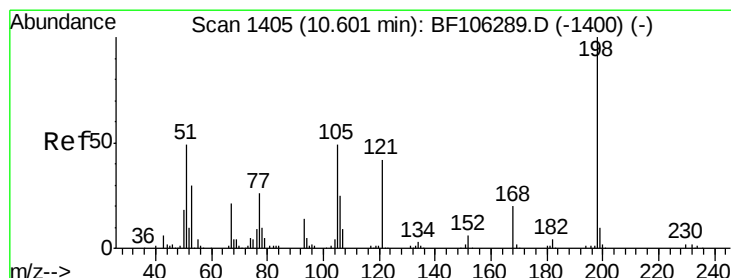
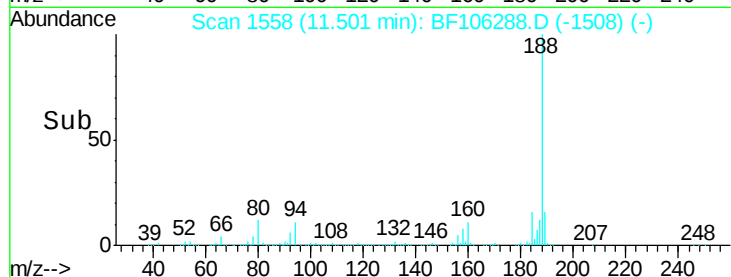
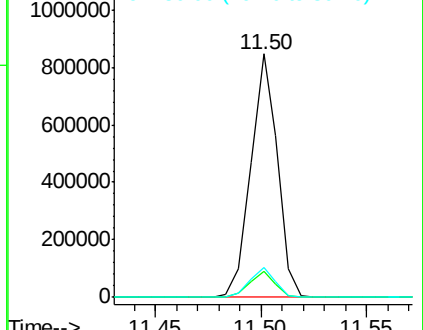
80 12.0 9.2 13.8



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: 18.680 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

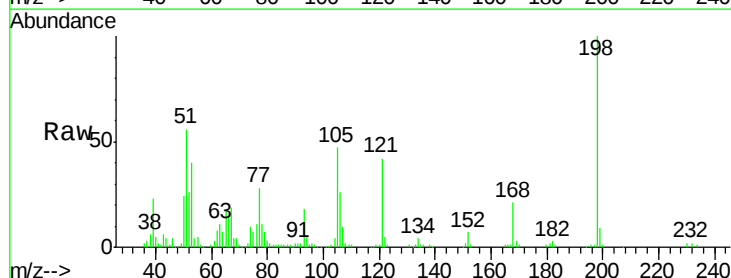
Tgt Ion:198 Resp: 82795

Ion Ratio Lower Upper

198 100

51 55.8 37.7 77.7

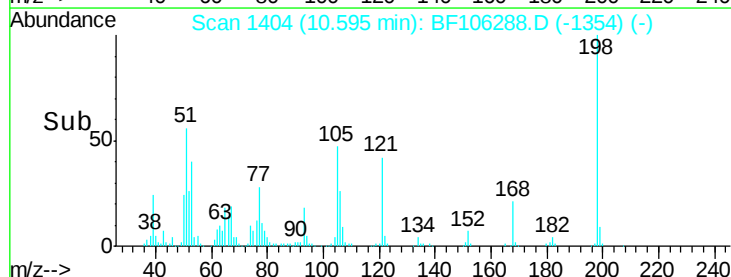
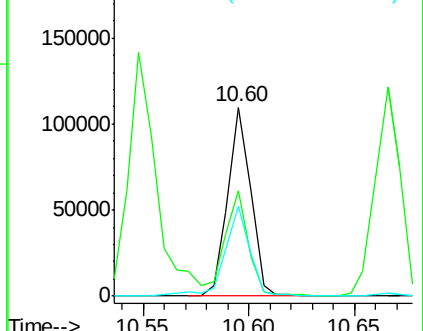
105 47.4 36.3 76.3

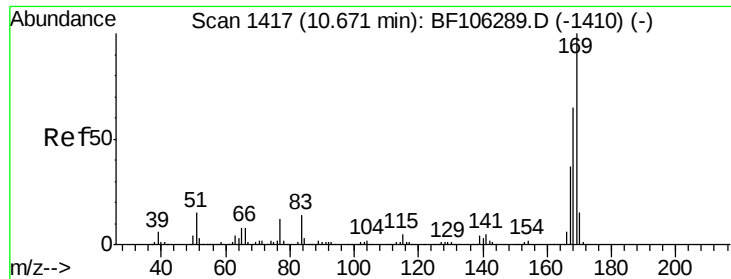


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 27.353 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

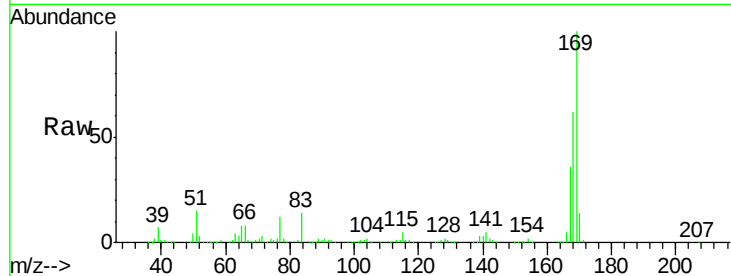
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 678002

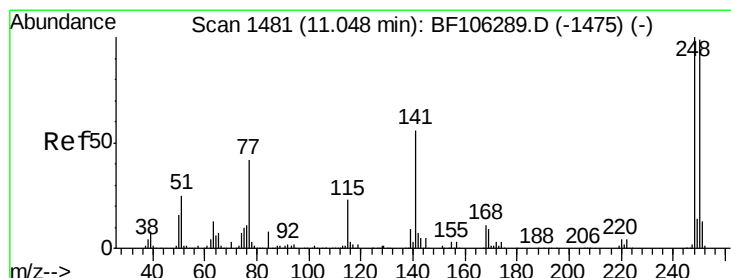
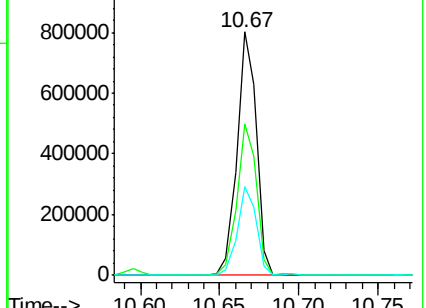
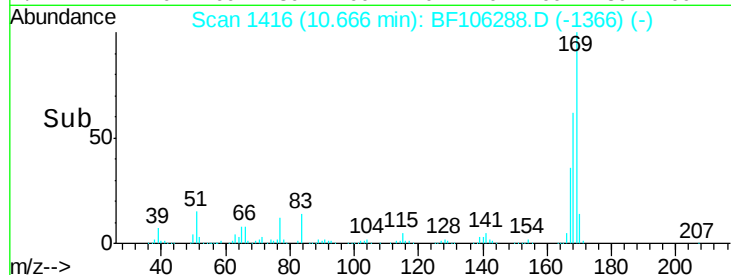
Ion	Ratio	Lower	Upper
169	100		
168	62.2	54.4	81.6
167	36.4	29.8	44.6



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: 27.251 ng

RT: 11.04 min Scan# 1480

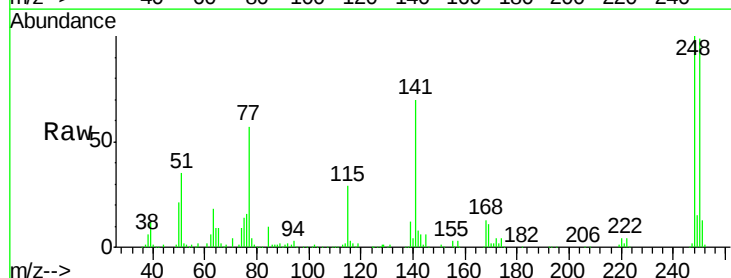
Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Tgt Ion:248 Resp: 224074

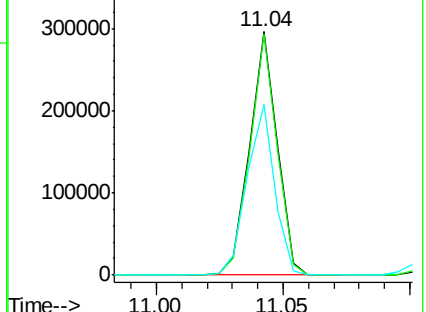
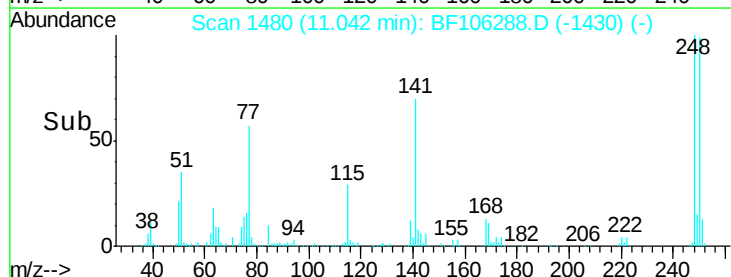
Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.9	115.3
141	70.0	74.4	111.6#

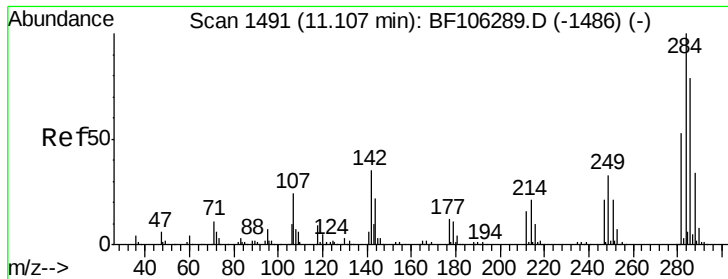


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 24.224 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

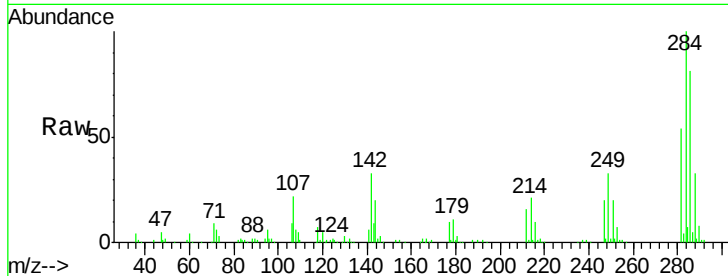
Tot Ion:284 Resp: 227672

Ion Ratio Lower Upper

284 100

142 32.8 34.6 52.0#

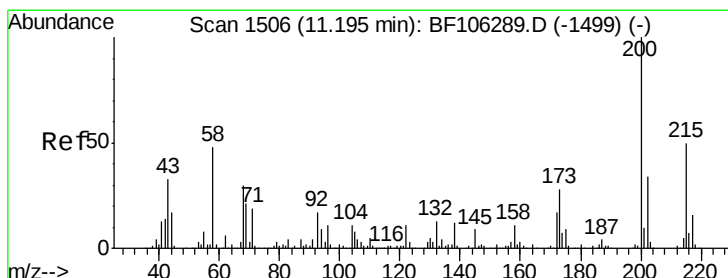
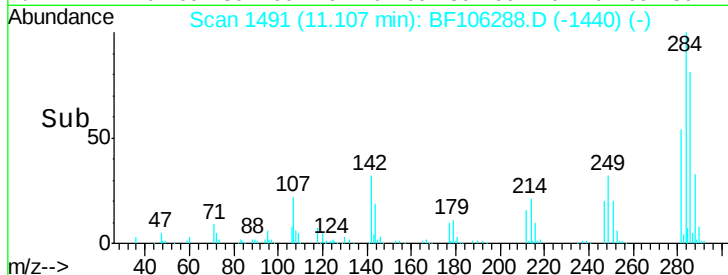
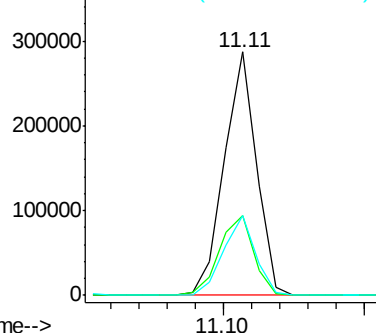
249 32.6 24.8 37.2



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: 26.206 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

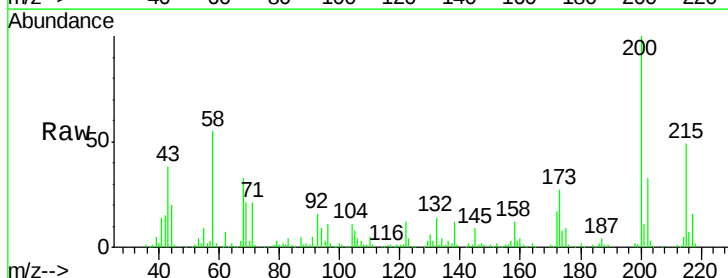
Tgt Ion:200 Resp: 206470

Ion Ratio Lower Upper

200 100

173 26.9 8.6 48.6

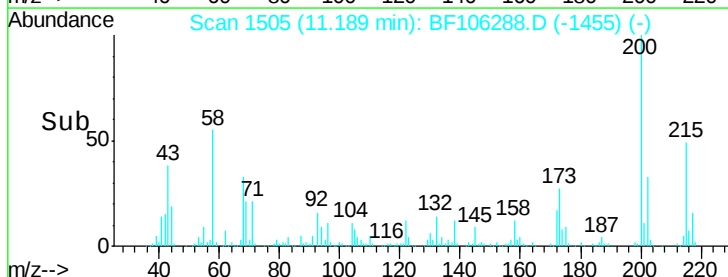
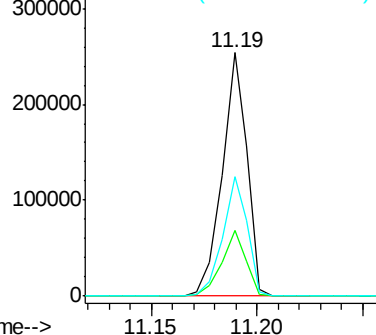
215 48.9 25.1 65.1

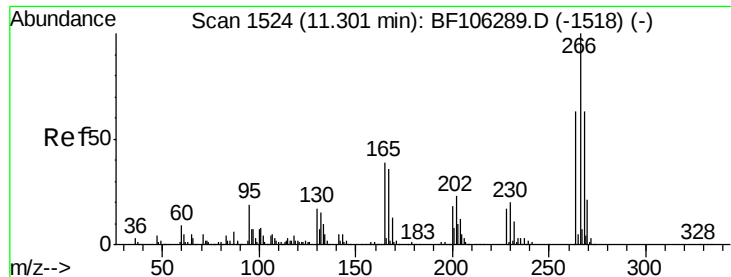


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

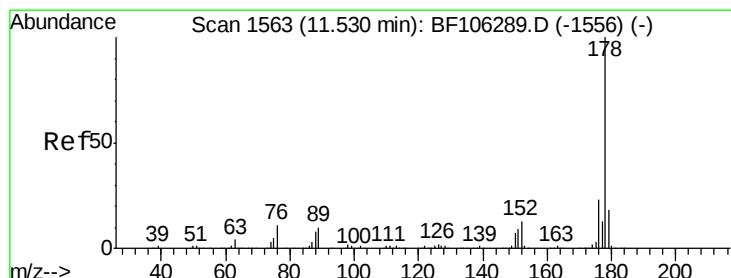
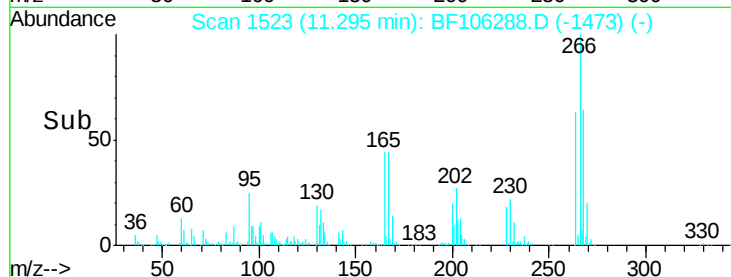
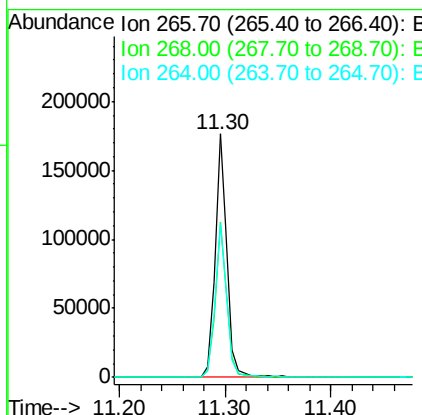
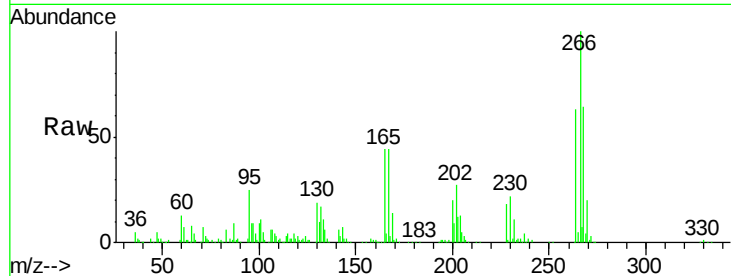




#69
 Pentachlorophenol
 Concen: 24.895 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

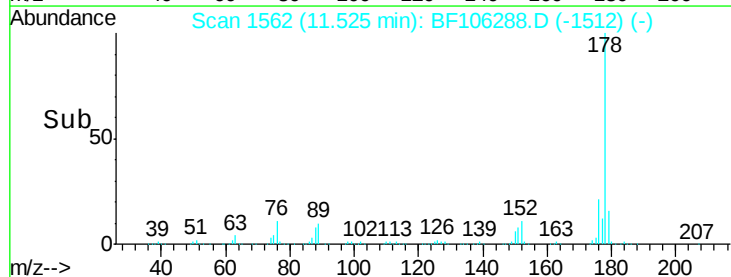
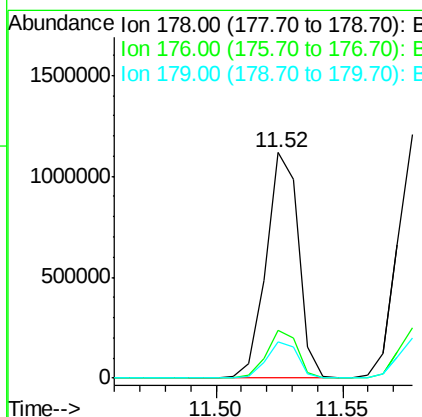
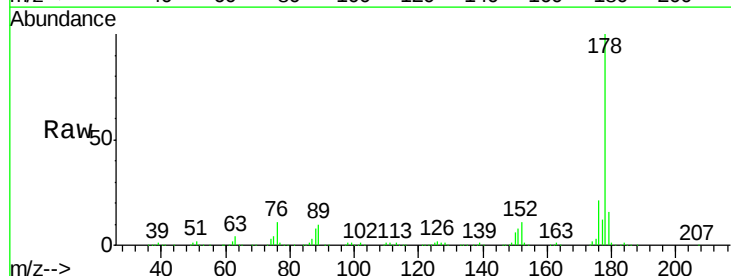
Instrument :
 BNA_F
 ClientSampleId :

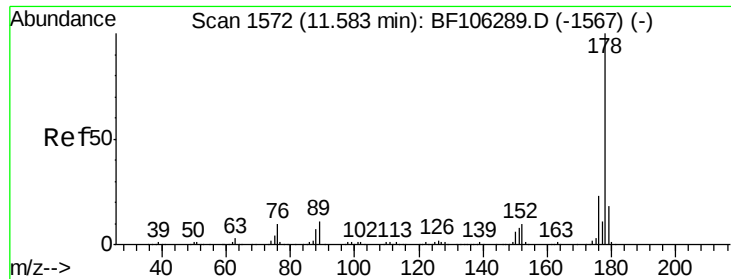
Tot Ion:266 Resp: 141171
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 23.923 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion:178 Resp: 996586
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.8 23.8
 179 16.3 13.0 19.6



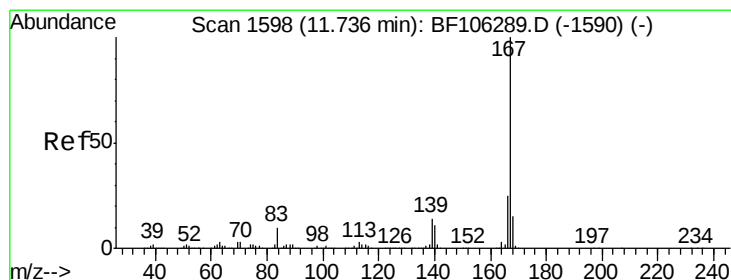
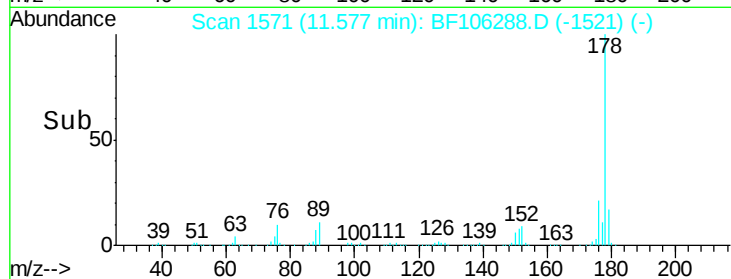
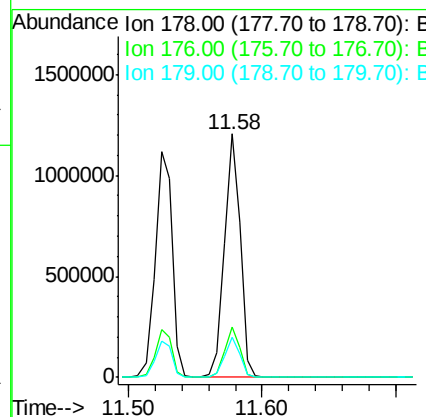
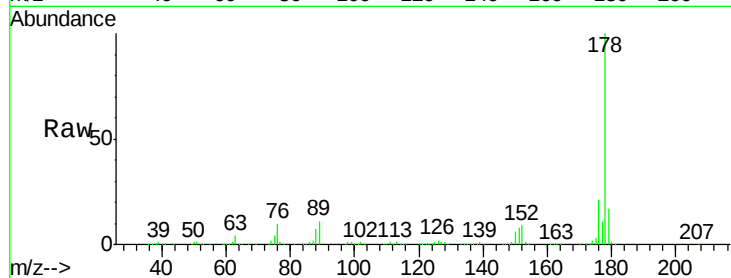


#71
 Anthracene
 Concen: 23.524 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1014397

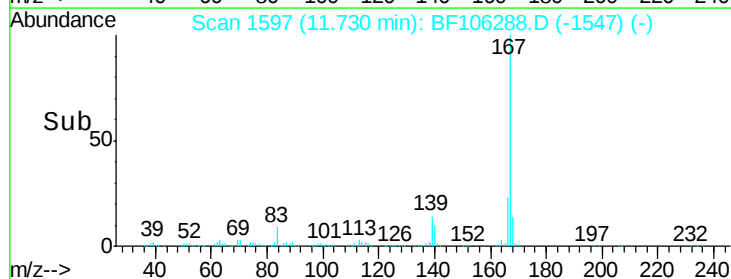
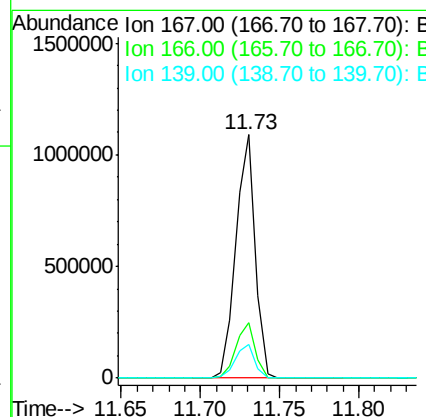
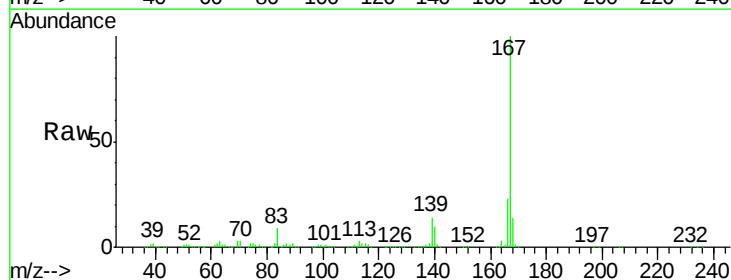
Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	16.5	12.6	19.0

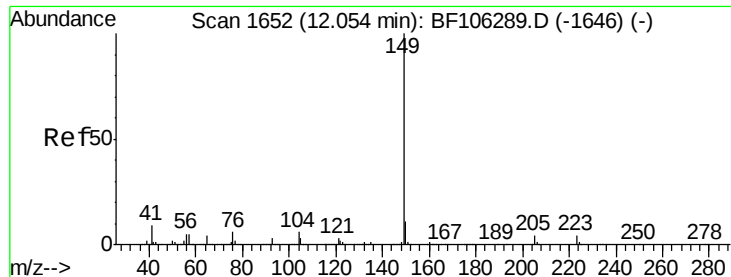


#72
 Carbazole
 Concen: 24.367 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion:167 Resp: 919678

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 22.800 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

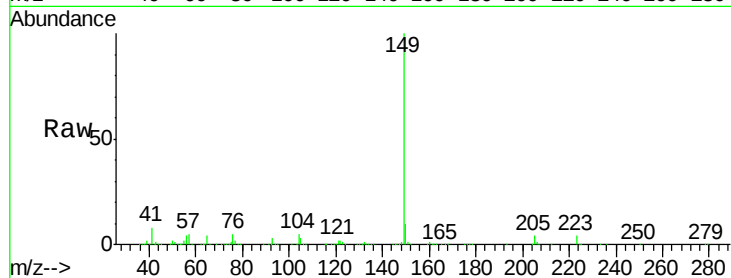
Tot Ion:149 Resp: 1062580

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

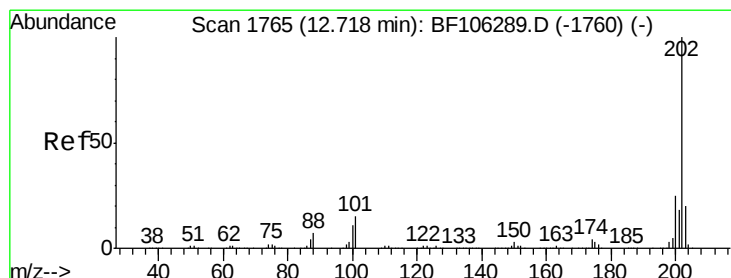
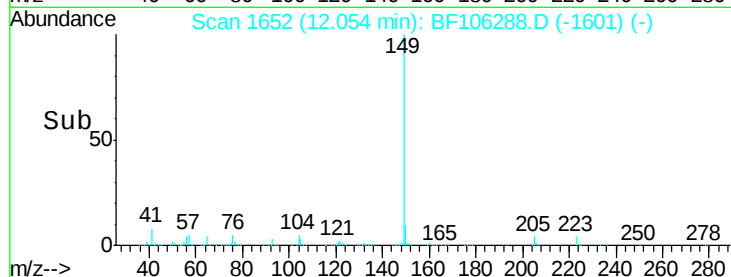
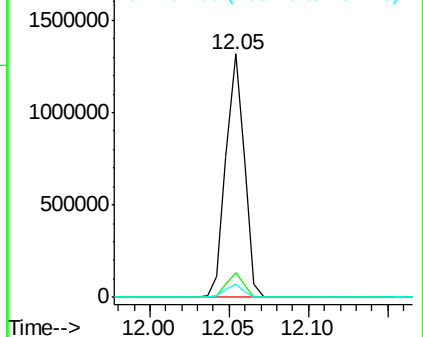
104 5.4 3.8 5.8



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: 26.182 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

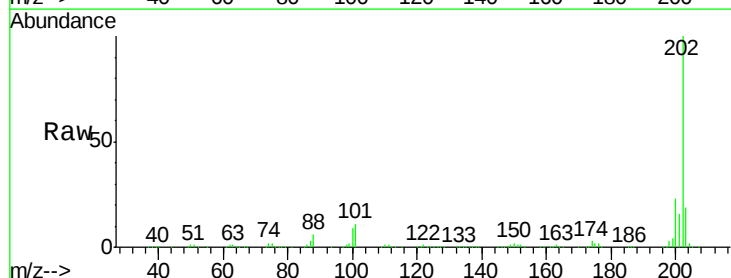
Tgt Ion:202 Resp: 1084223

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

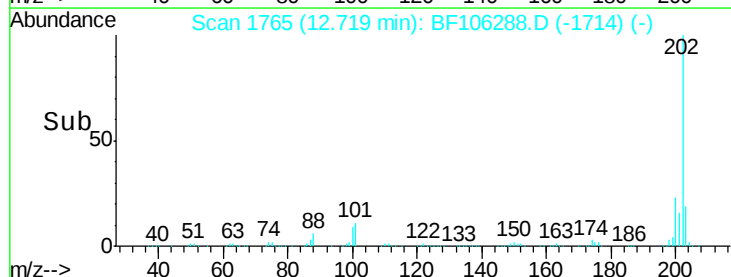
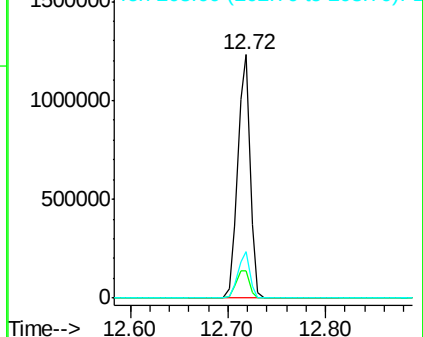
203 19.0 0.0 38.1

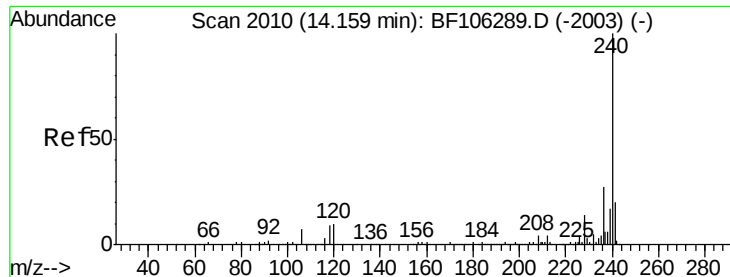


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF106288.D

Acq: 11 Jun 2018 12:13

Instrument :

BNA_F

ClientSampleId :

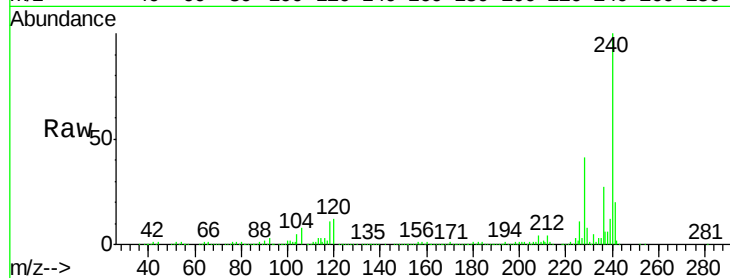
Tot Ion:240 Resp: 679924

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

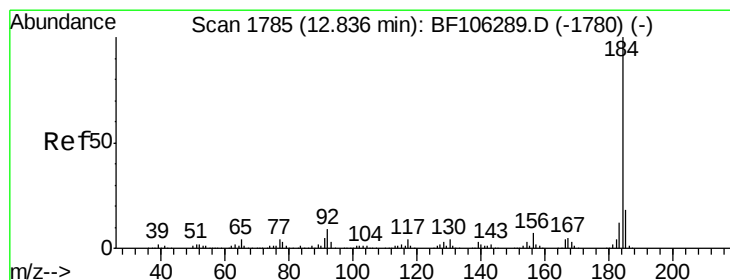
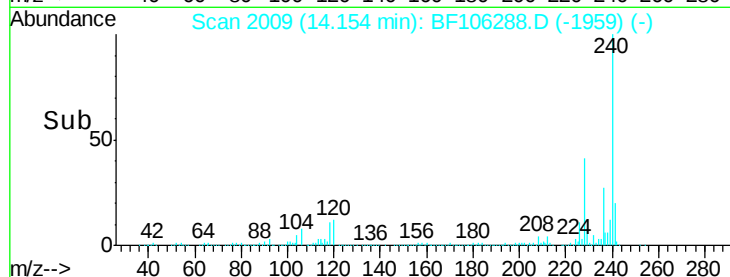
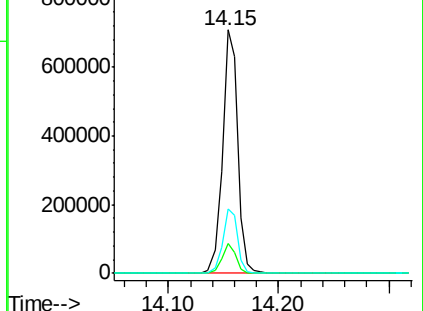
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.163 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106288.D

Acq: 11 Jun 2018 12:13

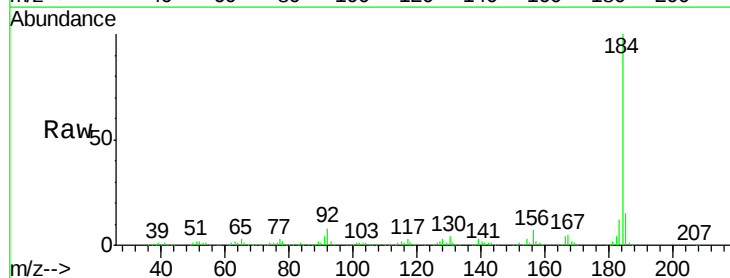
Tgt Ion:184 Resp: 606140

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

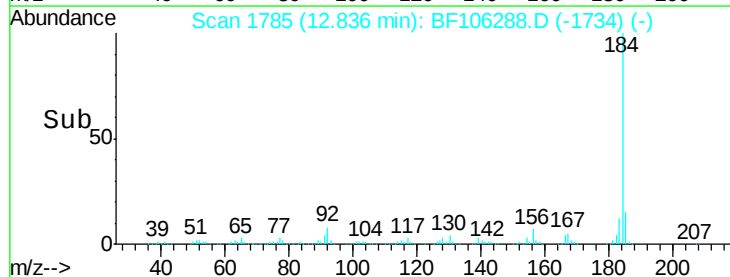
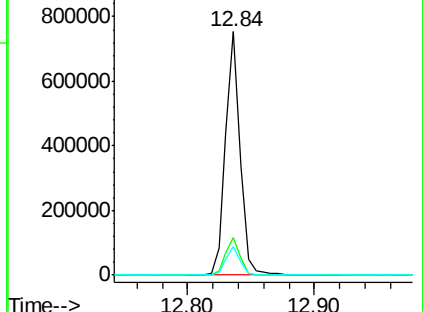
183 11.7 9.3 13.9

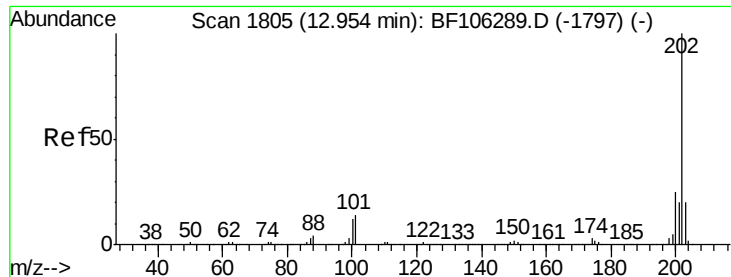


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

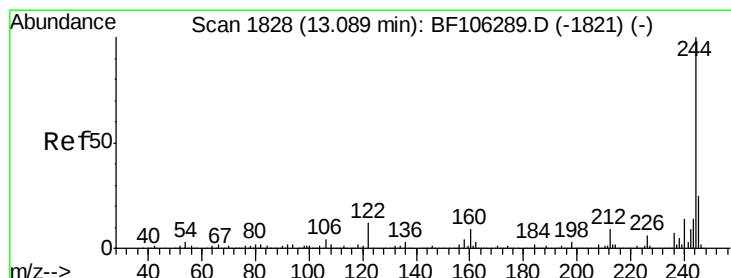
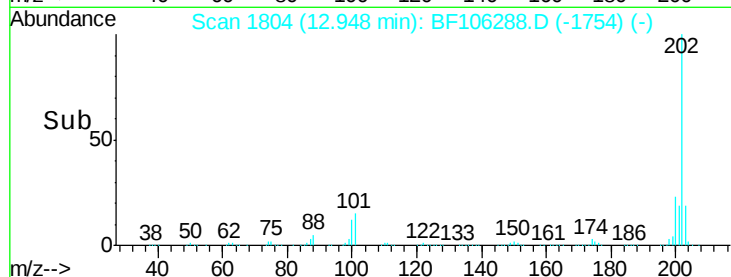
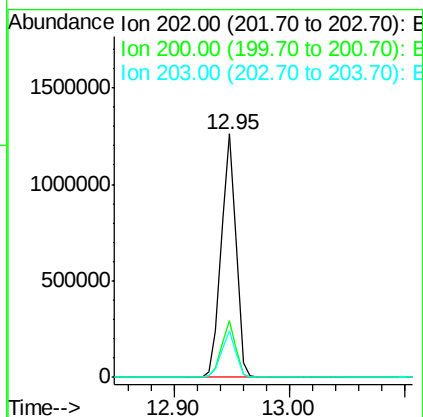
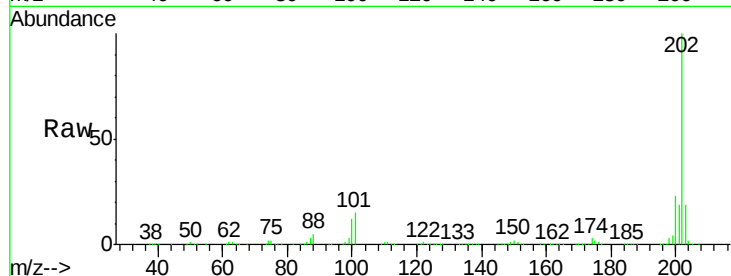




#77
Pvrene
Concen: 21.435 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

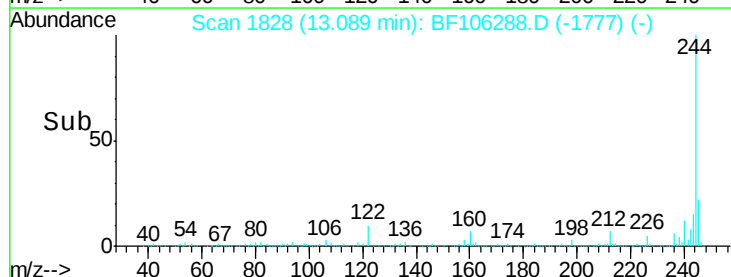
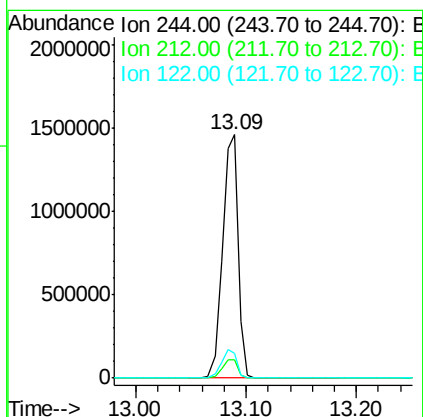
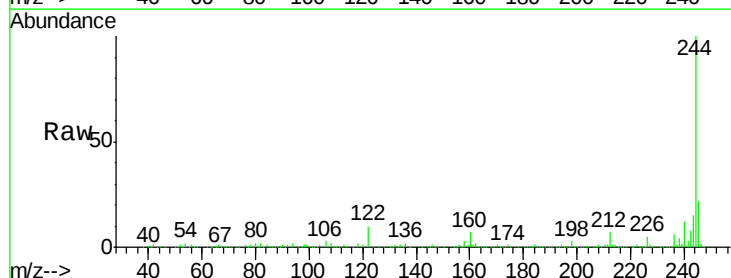
Instrument :
BNA_F
ClientSampleId :

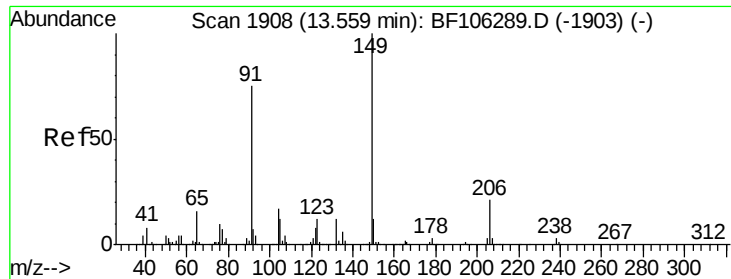
Tot Ion:202 Resp: 1124686
Ion Ratio Lower Upper
202 100
200 23.4 17.4 26.2
203 19.1 14.3 21.5



#78
Terphenyl-d14
Concen: 45.364 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:244 Resp: 1434816
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 10.0 11.0 16.4#

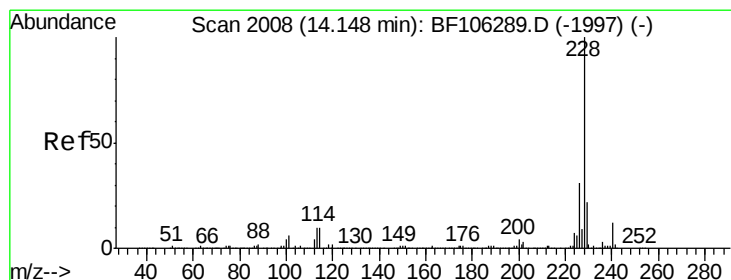
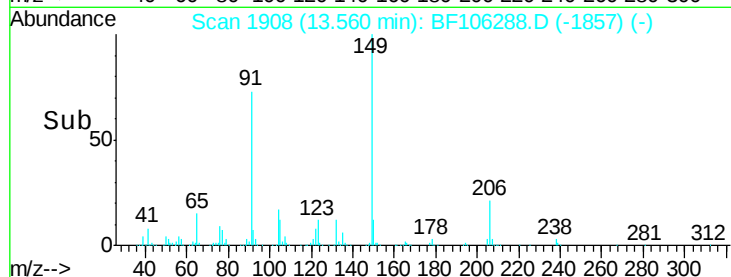
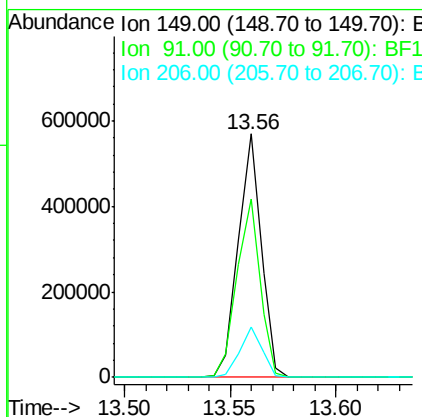
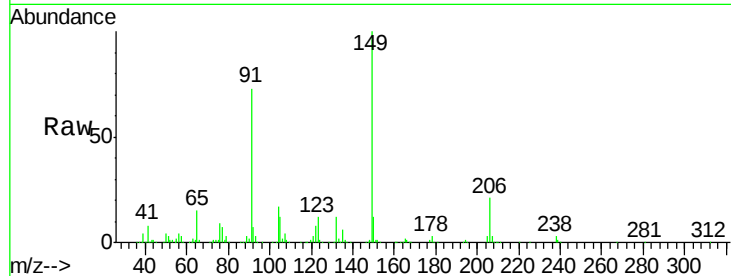




#79
Butylbenzylphthalate
Concen: 18.534 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

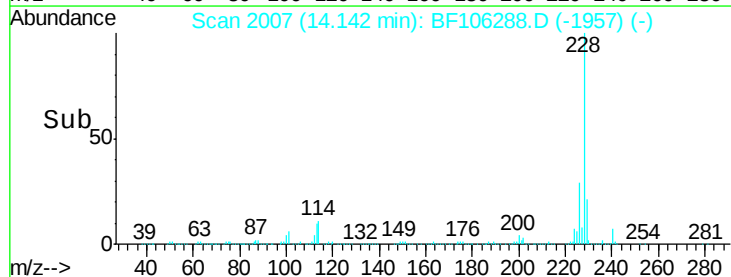
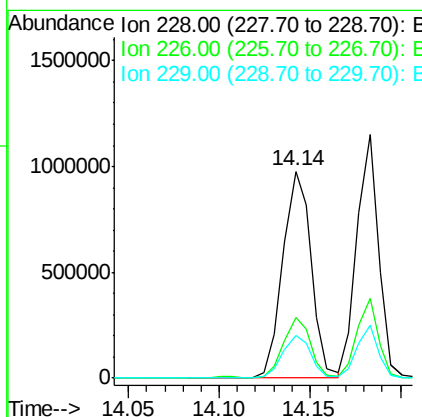
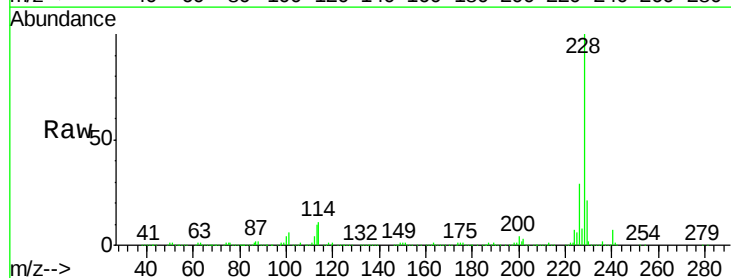
Instrument :
BNA_F
ClientSampleId :

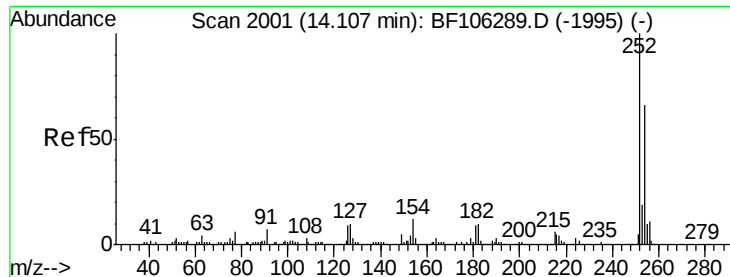
Tot Ion:149 Resp: 428405
Ion Ratio Lower Upper
149 100
91 73.3 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 27.063 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:228 Resp: 1074345
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 20.8 15.8 23.6

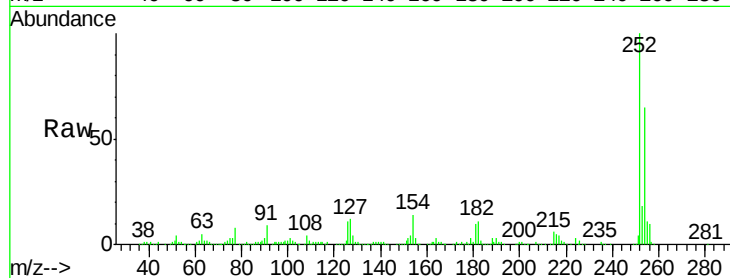




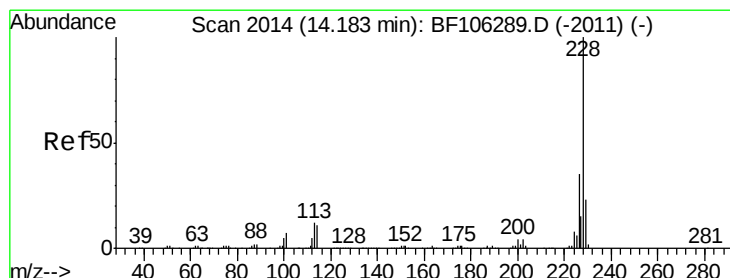
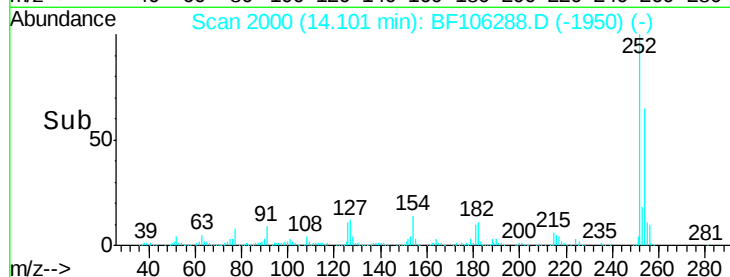
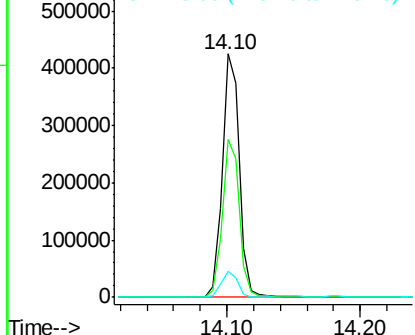
#81
 3,3'-Dichlorobenzidine
 Concen: 25.141 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 384060
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 10.6 11.3 16.9#

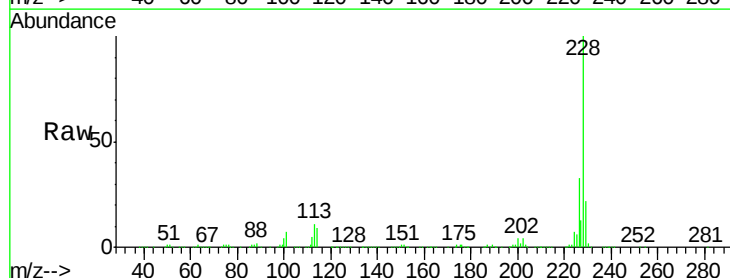


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

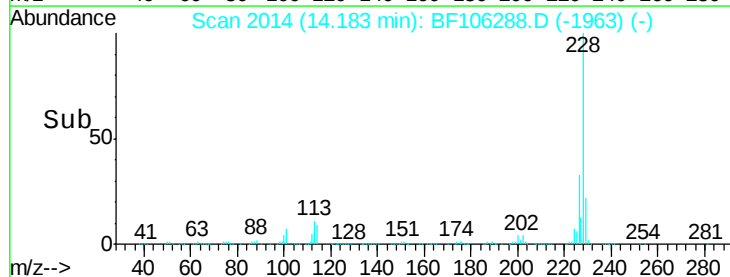
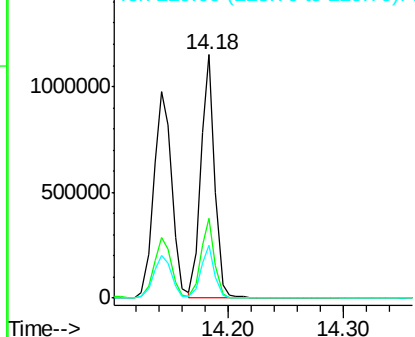


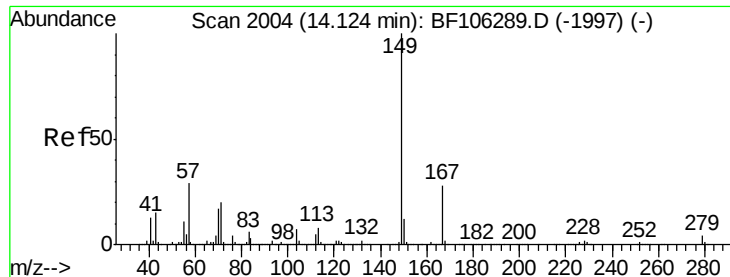
#82
 Chrysene
 Concen: 24.849 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Tgt Ion:228 Resp: 971976
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.0 37.6
 229 21.7 16.2 24.4



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

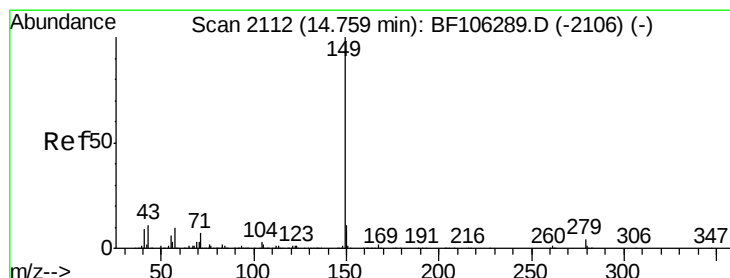
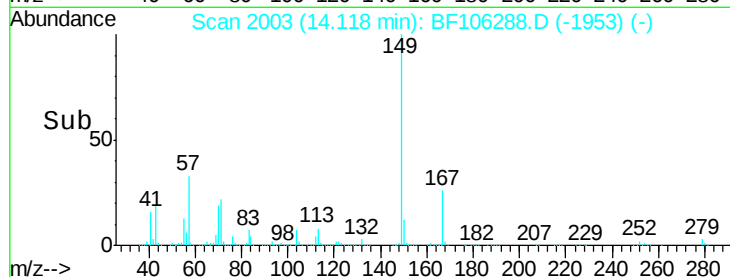
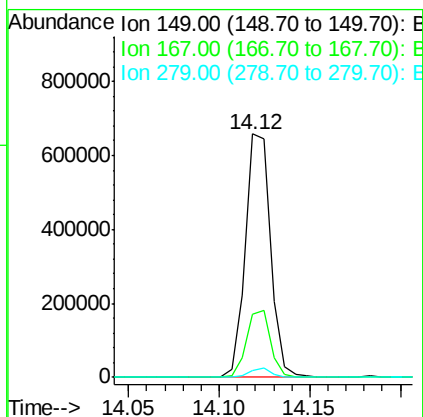
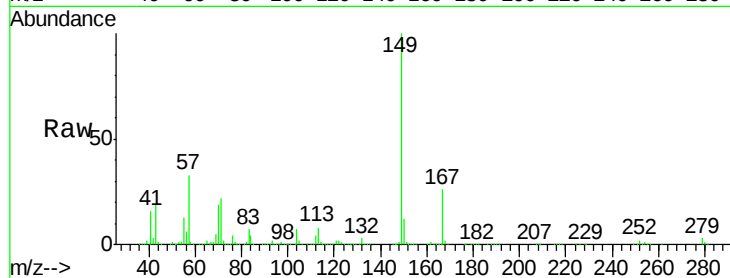




#83
Bis(2-ethylhexyl)phthalate
Concen: 22.702 ng
RT: 14.12 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

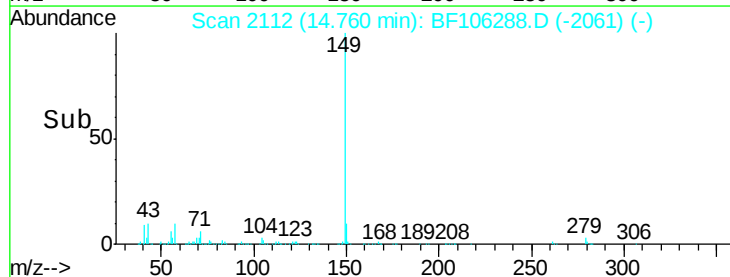
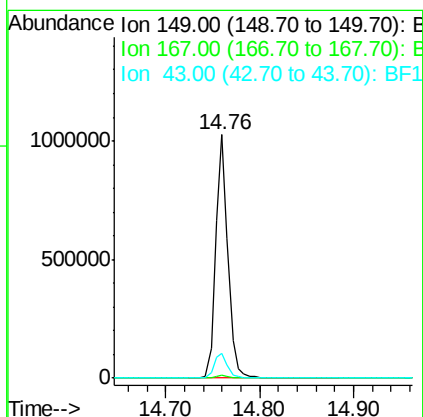
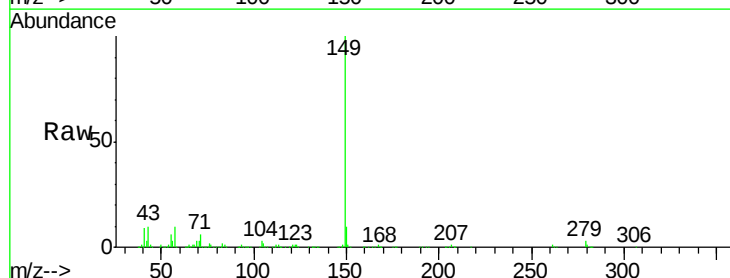
Instrument :
BNA_F
ClientSampleId :

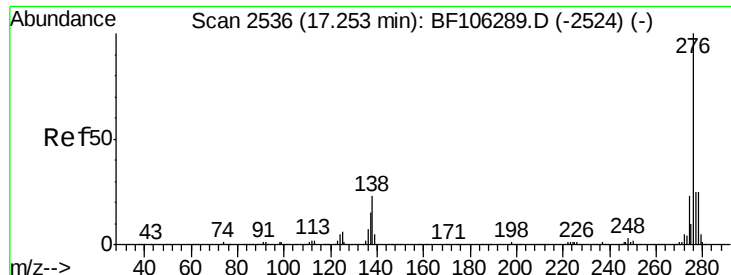
Tot Ion:149 Resp: 635389
Ion Ratio Lower Upper
149 100
167 25.8 21.3 31.9
279 2.9 3.0 4.4#



#84
Di-n-octyl phthalate
Concen: 20.458 ng
RT: 14.76 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:149 Resp: 940452
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.2 8.4 12.6

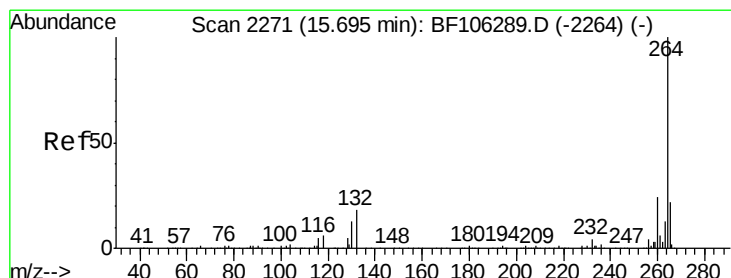
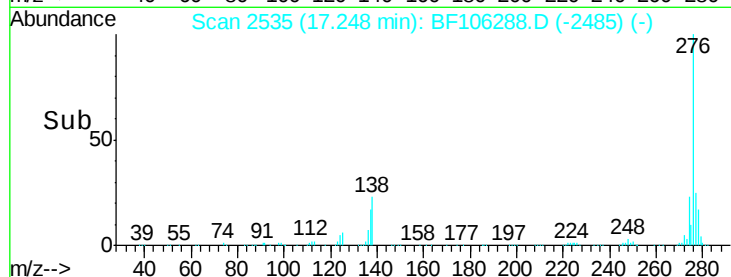
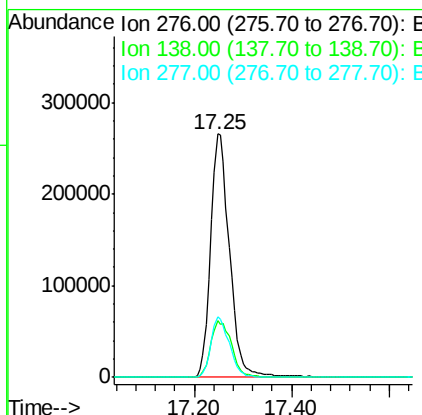
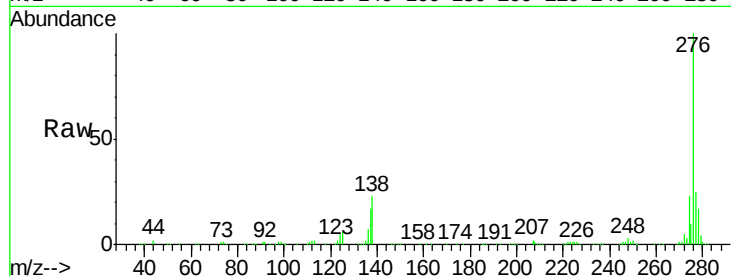




#85
Indeno(1,2,3-cd)pyrene
Concen: 20.101 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

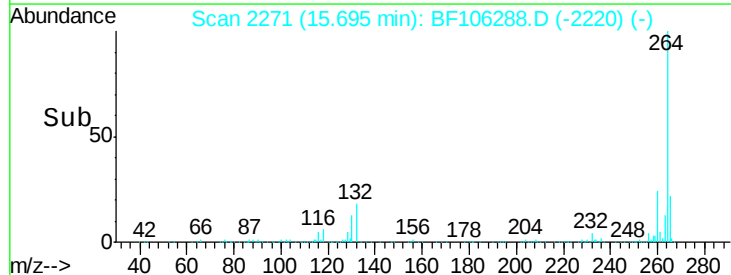
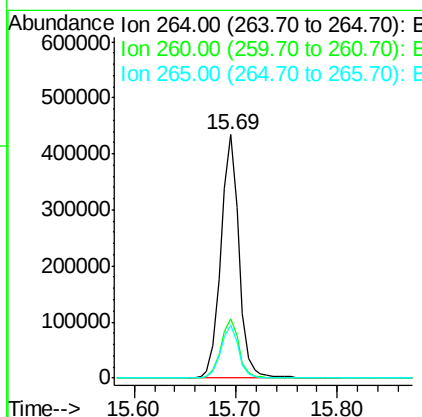
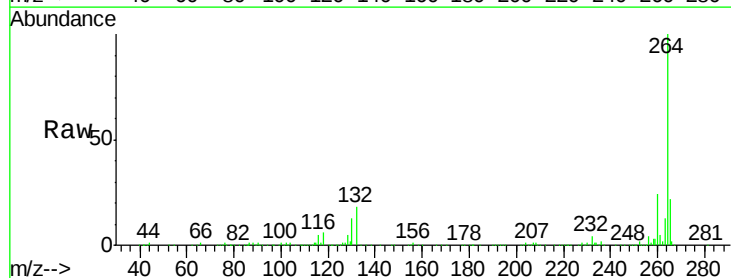
Instrument :
BNA_F
ClientSampleId :

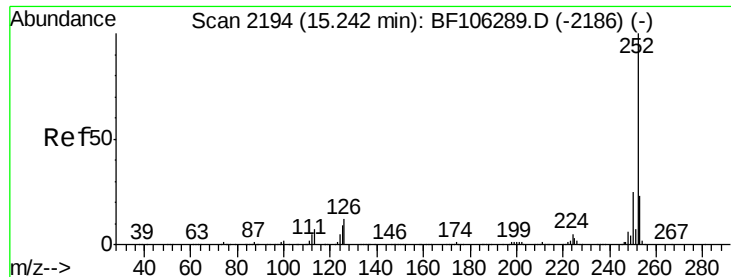
Tot Ion:276 Resp: 715881
Ion Ratio Lower Upper
276 100
138 25.4 25.0 37.6
277 24.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:264 Resp: 536369
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.7 17.5 26.3

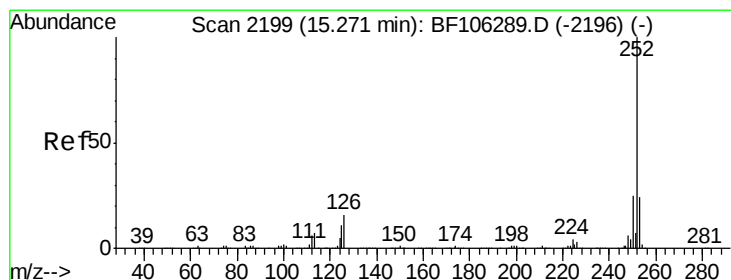
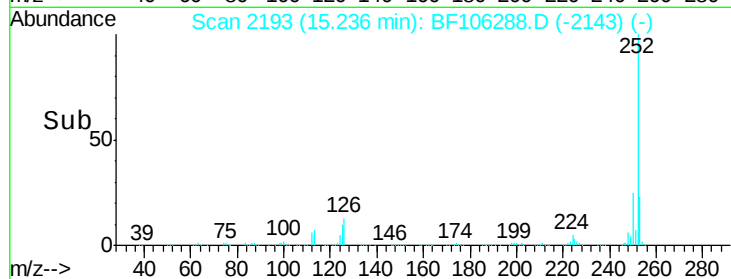
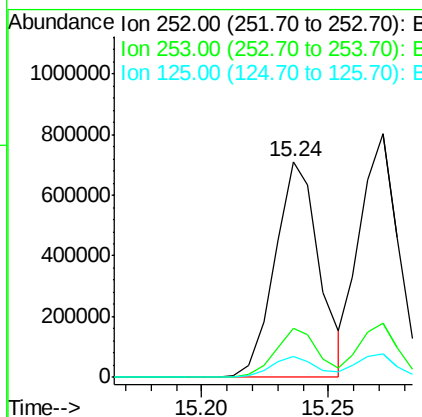
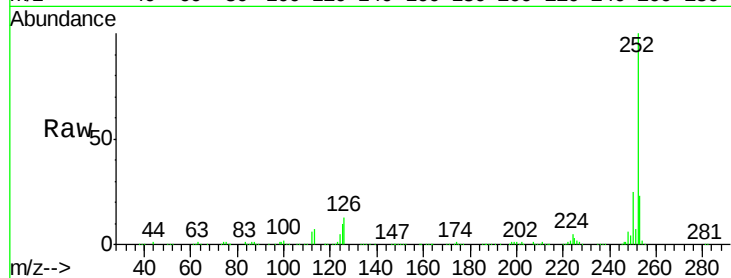




#87
Benzo(b)fluoranthene
Concen: 27.150 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

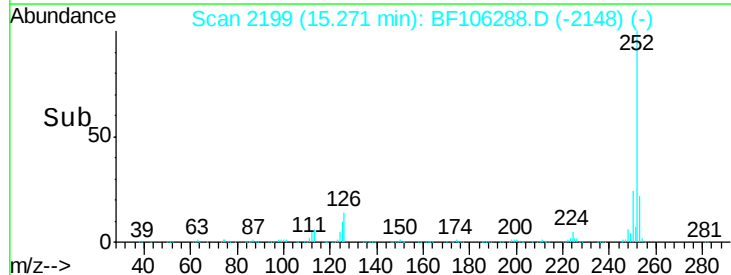
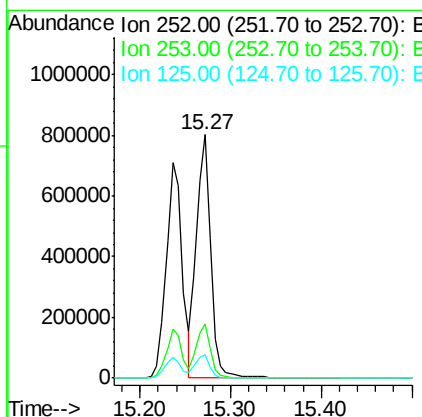
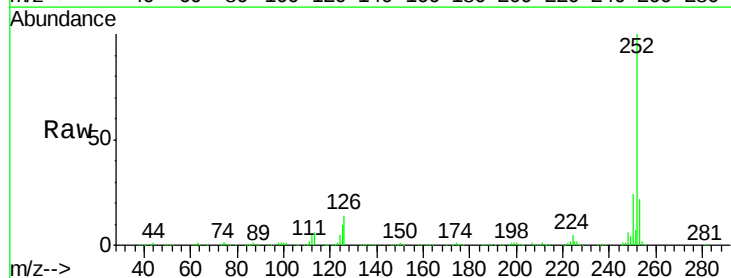
Instrument :
BNA_F
ClientSampleId :

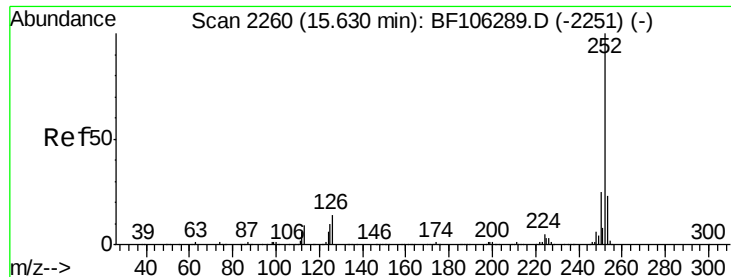
Tot Ion:252 Resp: 868036
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 10.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 28.345 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion:252 Resp: 876334
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.8 10.2 15.2#

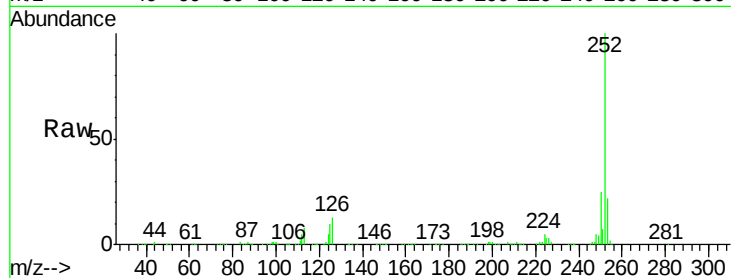




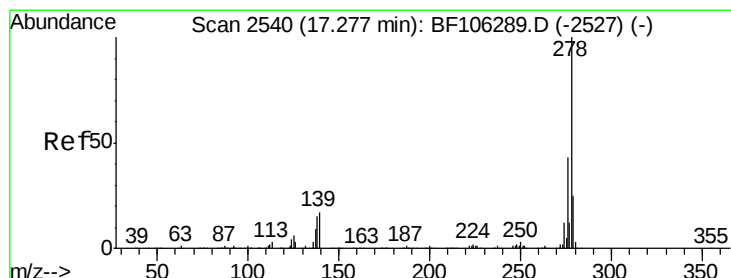
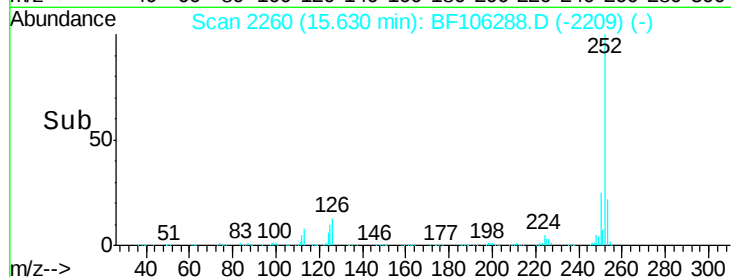
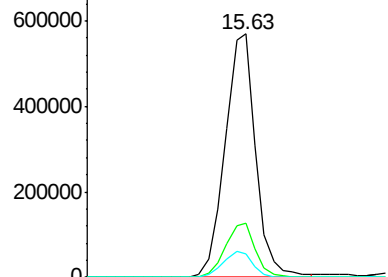
#89
Benzo(a)pyrene
Concen: 25.769 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.8	9.8	14.6

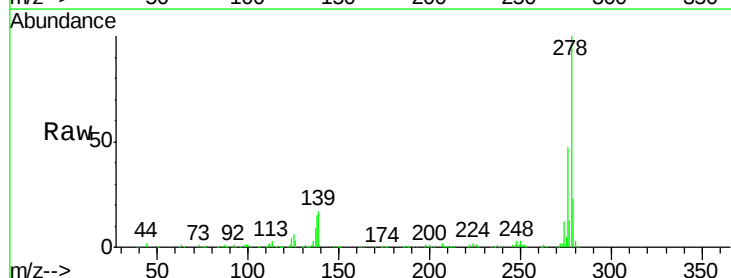


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

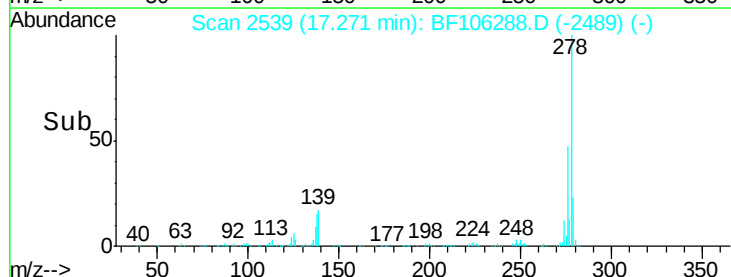
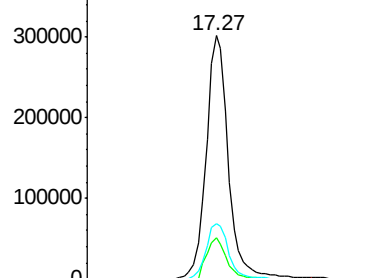


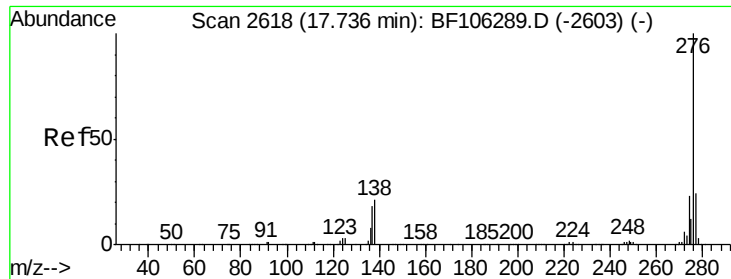
#90
Dibenzo(a,h)anthracene
Concen: 21.848 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF106288.D
Acq: 11 Jun 2018 12:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	22.9	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

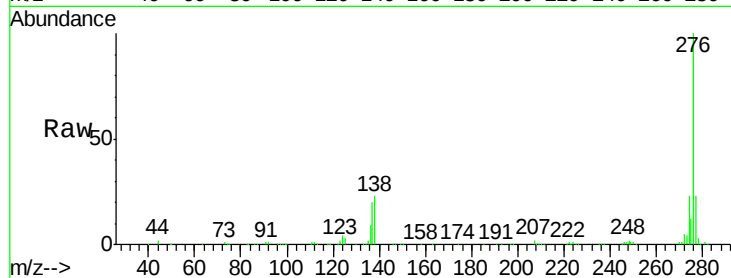




#91
 Benzo(a,h,i)perylene
 Concen: 21.304 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BF106288.D
 Acq: 11 Jun 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	23.1	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

