

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105006.D
 Acq On : 2 May 2018 2:52
 Operator : JU/SJ
 Sample : J2642-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WL-PH3-ZEO-01

Quant Time: May 02 06:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128723	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546920	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	247116	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	409708	20.00	ng	0.00
75) Chrysene-d12	14.00	240	282996	20.00	ng	0.02
86) Perylene-d12	15.53	264	254475	20.00	ng	0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	587803	69.82	ng	0.00
7) Phenol-d6	6.43	99	715694	69.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	437097	52.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	159691	62.30	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	728361	46.56	ng	0.00
78) Terphenyl-d14	12.91	244	513149	41.34	ng	0.00

Target Compounds

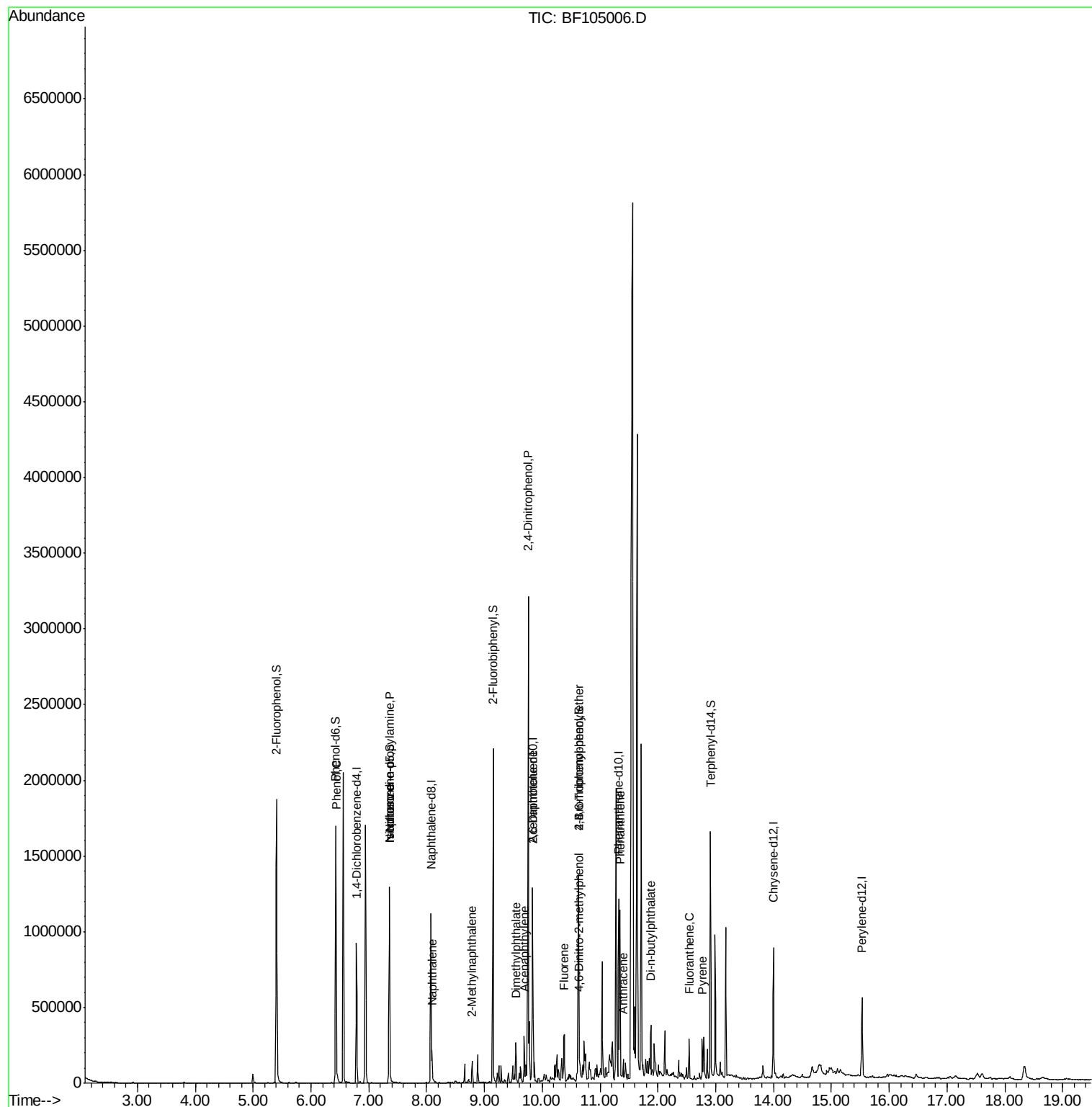
						Qvalue
10) Phenol	6.44	94	48865	4.452	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	55122	8.155	ng	# 73
25) Isophorone	7.36	82	437094	24.678	ng	# 64
31) Naphthalene	8.09	128	85184	3.128	ng	98
37) 2-Methylnaphthalene	8.79	142	38618	2.192	ng	99
48) Acenaphthylene	9.69	152	122006	4.742	ng	99
49) Dimethylphthalate	9.55	163	99264	5.094	ng	98
50) 2,6-Dinitrotoluene	9.83	165	33412	9.266	ng	# 25
53) 2,4-Dinitrophenol	9.76	184	113	5.239	ng	# 1
57) Fluorene	10.38	166	94725	5.949	ng	98
64) 4,6-Dinitro-2-methylphenol	10.65	198	827	7.698	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	9663	2.217	ng	# 1
70) Phenanthrene	11.34	178	363493	15.931	ng	99
71) Anthracene	11.40	178	49244	2.123	ng	98
73) Di-n-butylphthalate	11.88	149	170317	6.152	ng	99
74) Fluoranthene	12.54	202	92722	3.890	ng	97
76) Benzidine	12.91	184	6585	Below Cal		98
77) Pyrene	12.77	202	97393	4.643	ng	98

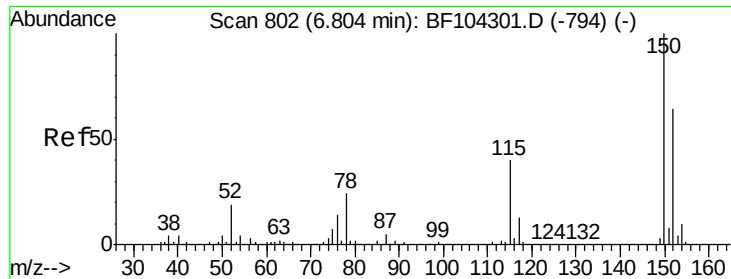
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105006.D
Acq On : 2 May 2018 2:52
Operator : JU/SJ
Sample : J2642-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WL-PH3-ZEO-01

Quant Time: May 02 06:59:16 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration



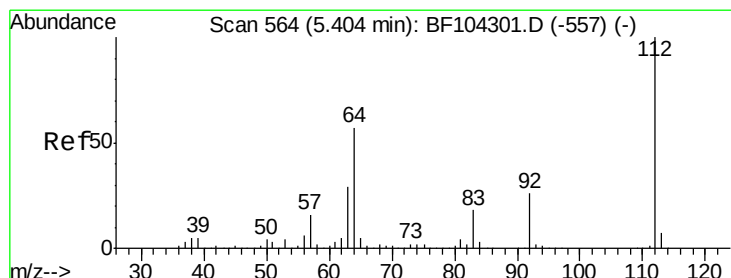
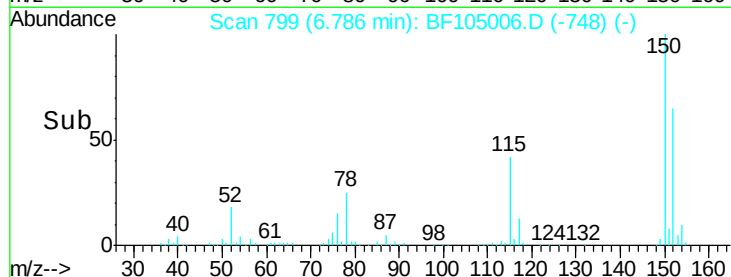
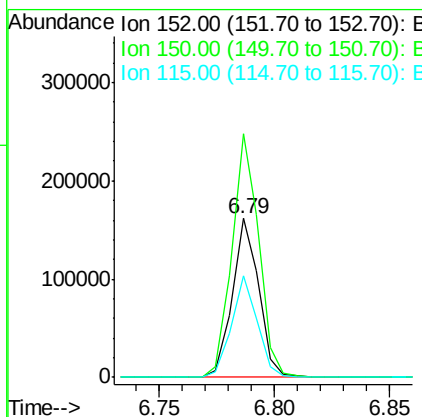
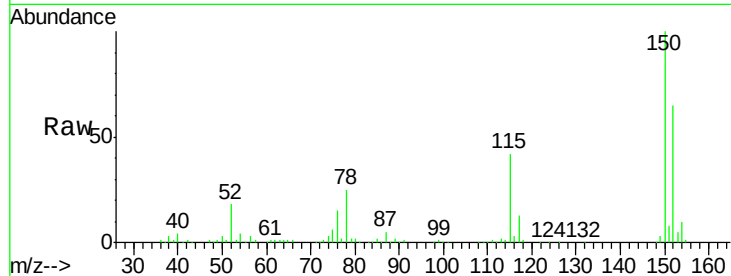


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

Instrument :
BNA_F
ClientSampleId :
WL-PH3-ZEO-01

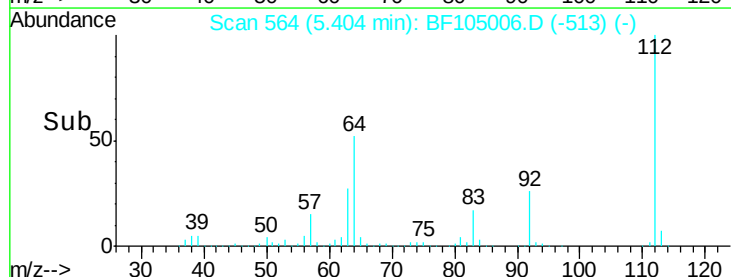
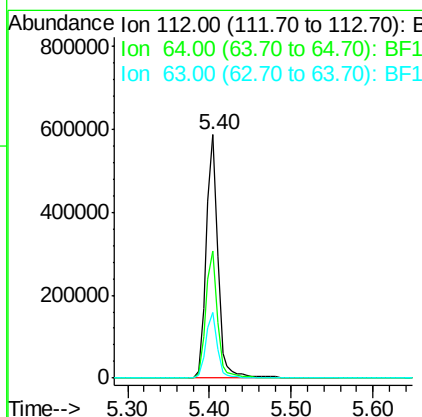
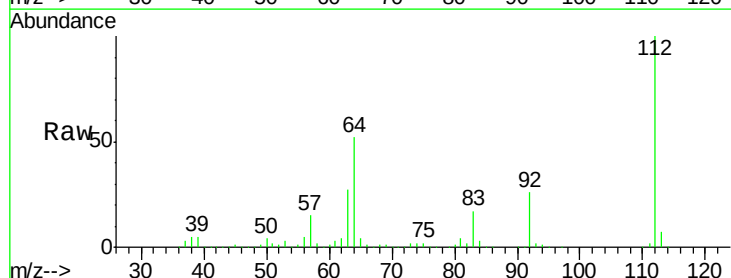
Tgt Ion:152 Resp: 128723
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 64.0 50.1 75.1

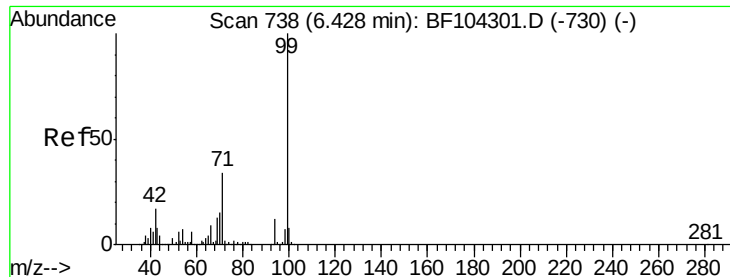


#5

2-Fluorophenol
Concen: 69.823 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

Tgt Ion:112 Resp: 587803
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 69.192 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Instrument :

BNA_F

ClientSampleId :

WL-PH3-ZEO-01

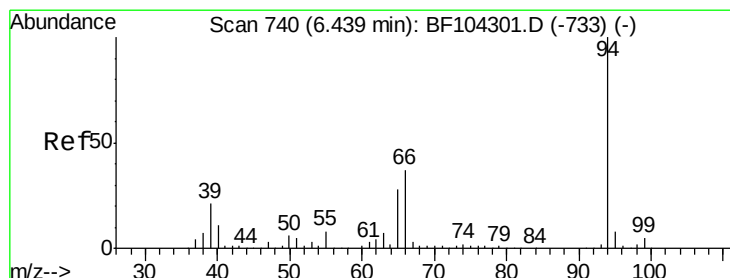
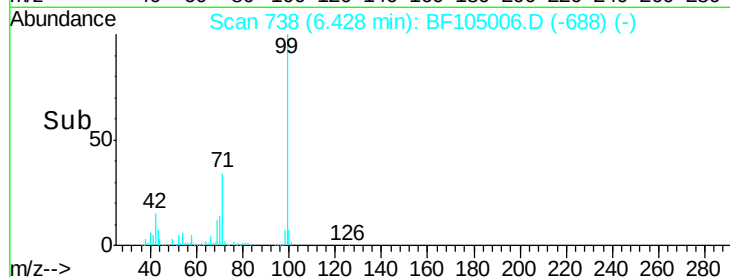
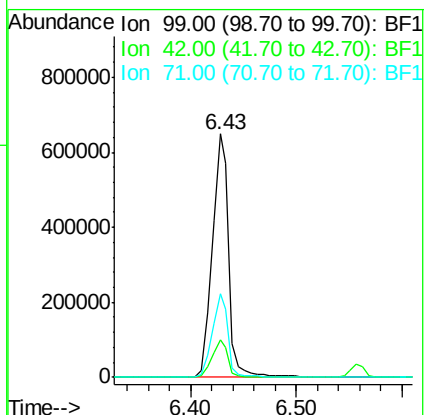
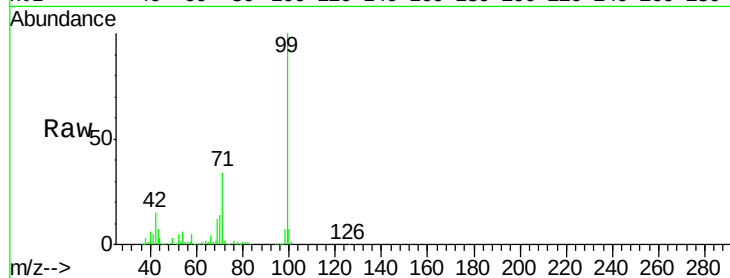
Tgt Ion: 99 Resp: 715694

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 4.452 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

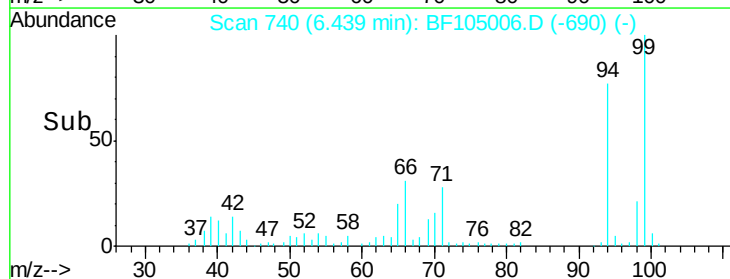
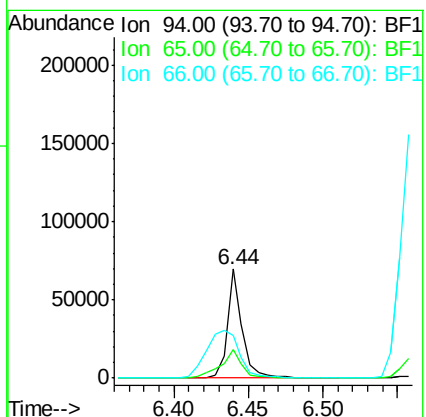
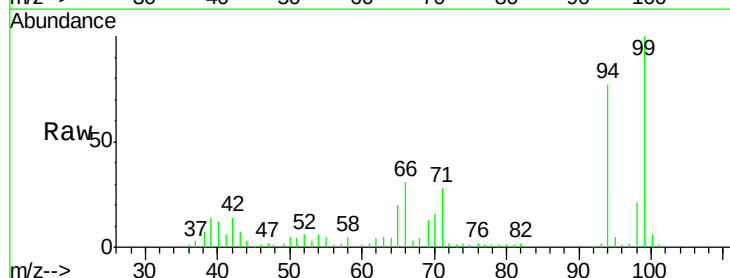
Tgt Ion: 94 Resp: 48865

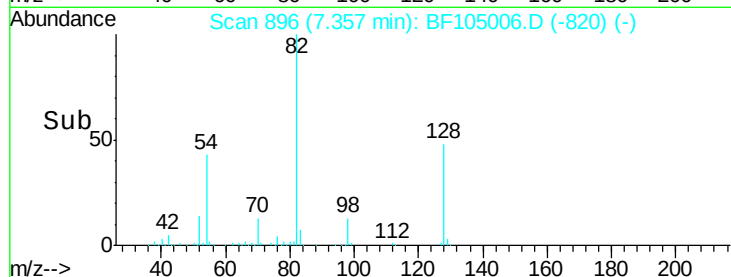
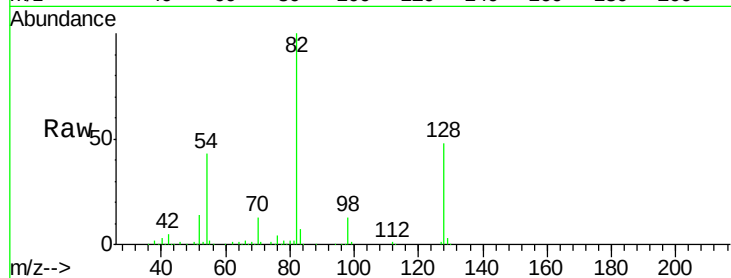
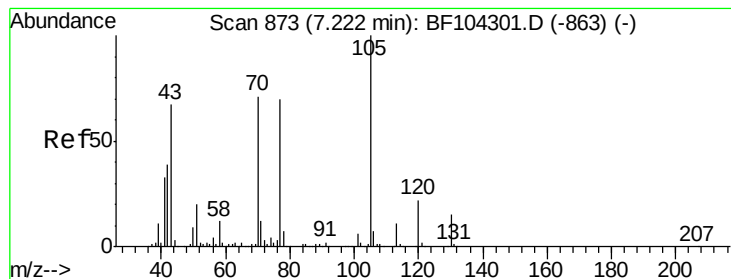
Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

66 39.8 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 8.155 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Instrument :

BNA_F

ClientSampleId :

WL-PH3-ZEO-01

Tgt Ion: 70 Resp: 55122

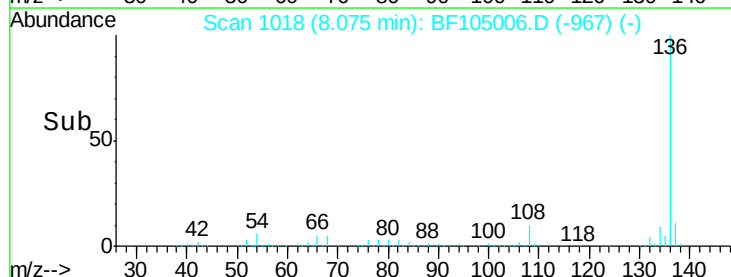
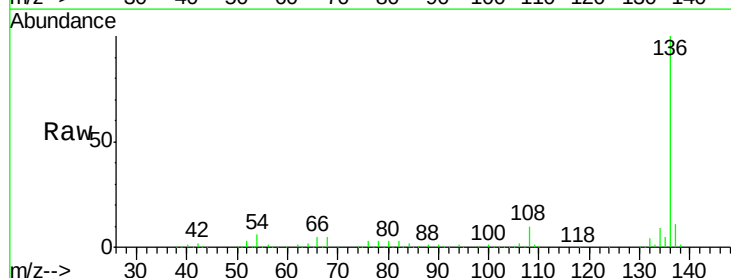
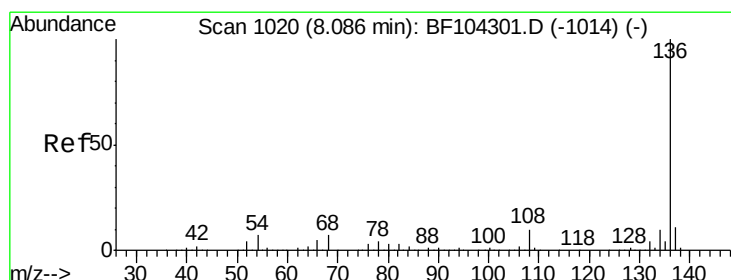
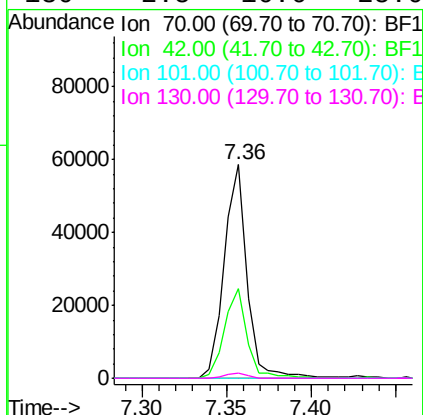
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Tgt Ion: 136 Resp: 546920

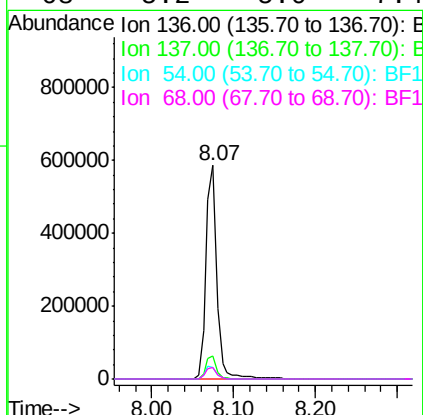
Ion Ratio Lower Upper

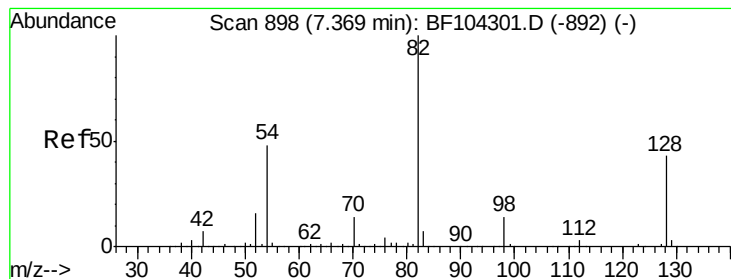
136 100

137 10.7 8.9 13.3

54 5.6 6.6 9.8#

68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 52.186 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Instrument :

BNA_F

ClientSampleId :

WL-PH3-ZEO-01

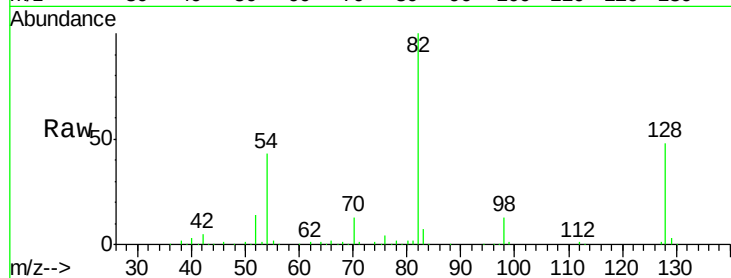
Tgt Ion: 82 Resp: 437097

Ion Ratio Lower Upper

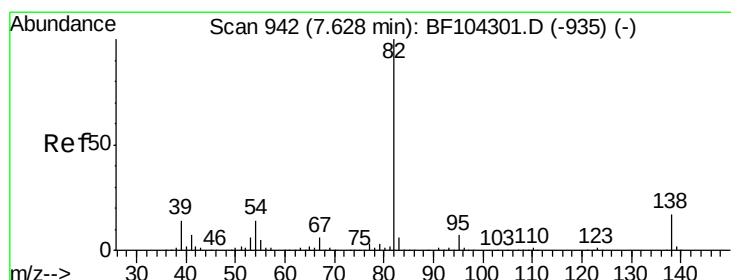
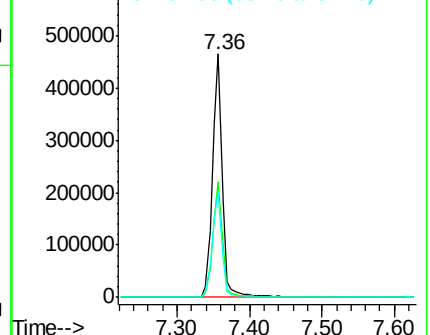
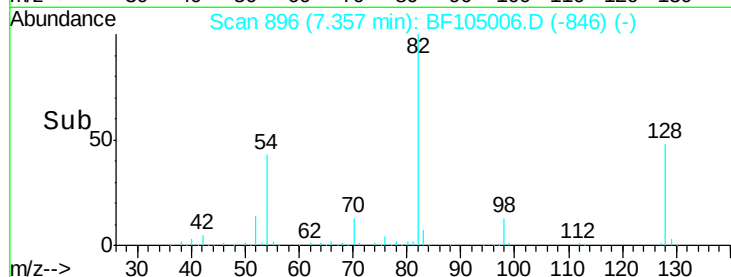
82 100

128 47.7 36.1 54.1

54 43.3 41.4 62.2



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



#25

Isophorone

Concen: 24.678 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

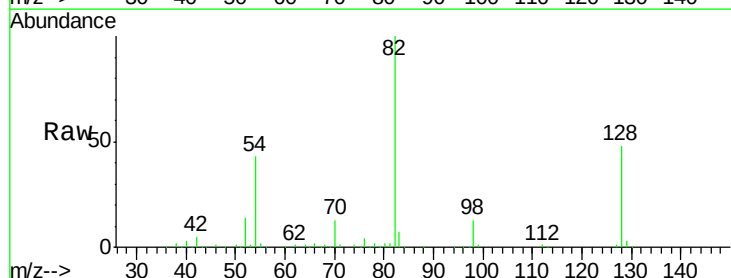
Tgt Ion: 82 Resp: 437094

Ion Ratio Lower Upper

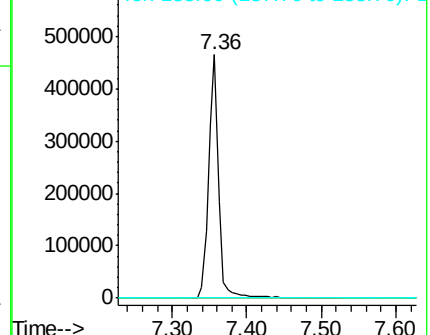
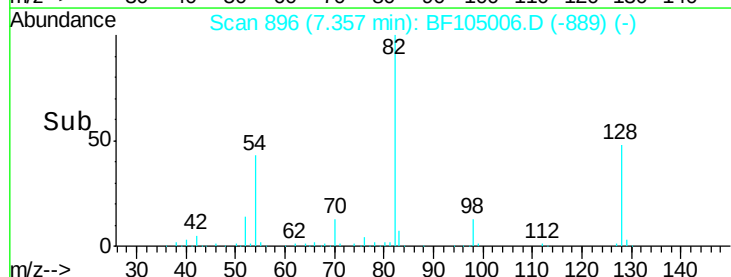
82 100

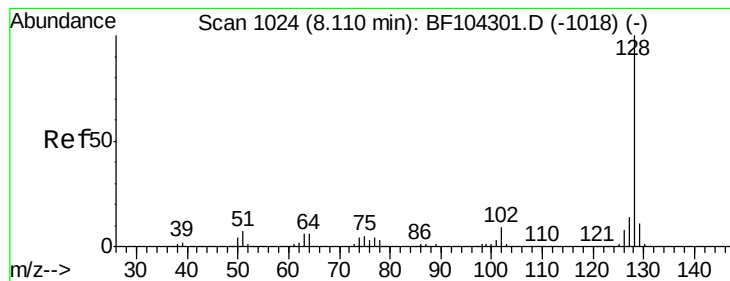
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 3.128 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Instrument :

BNA_F

ClientSampleId :

WL-PH3-ZEO-01

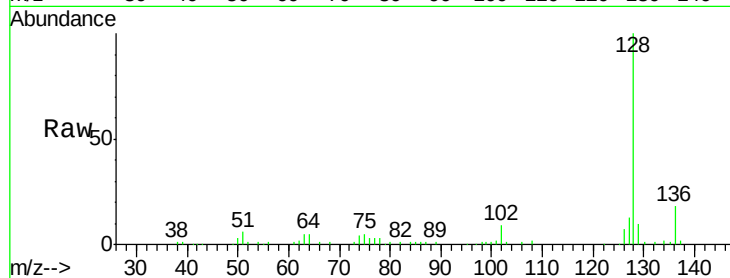
Tgt Ion:128 Resp: 85184

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

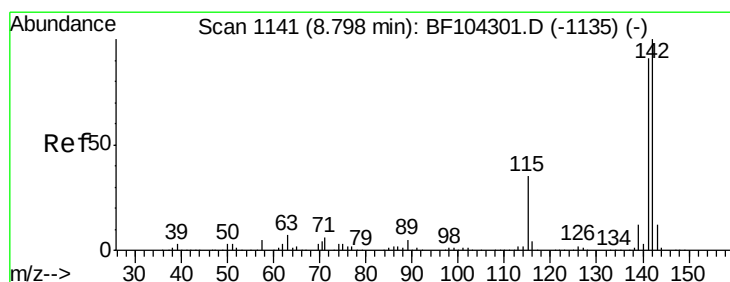
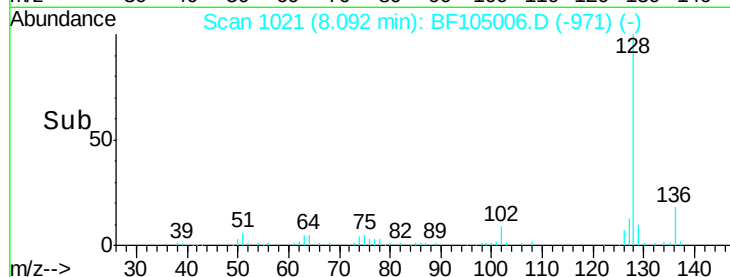
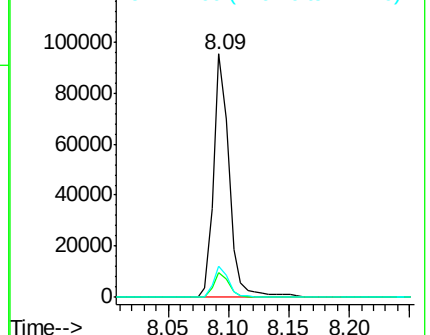
127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.192 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

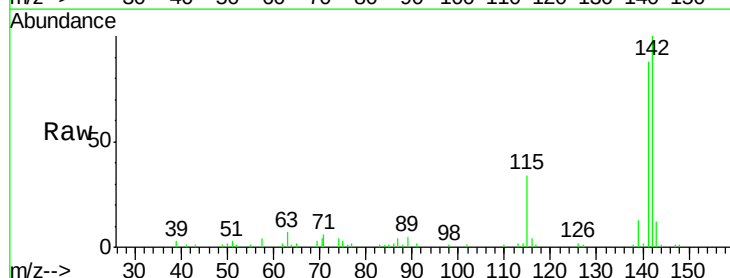
Tgt Ion:142 Resp: 38618

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

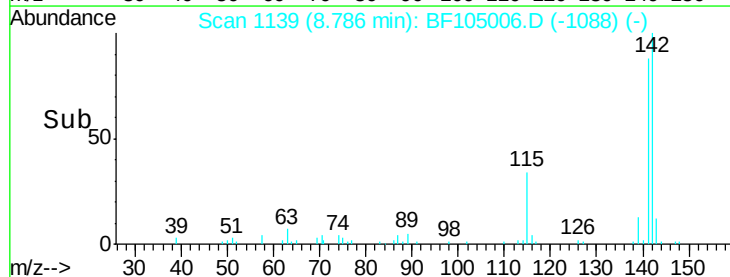
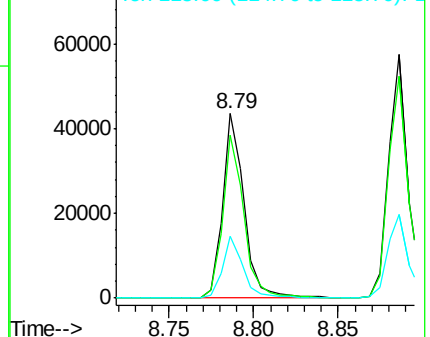
115 33.6 26.1 39.1

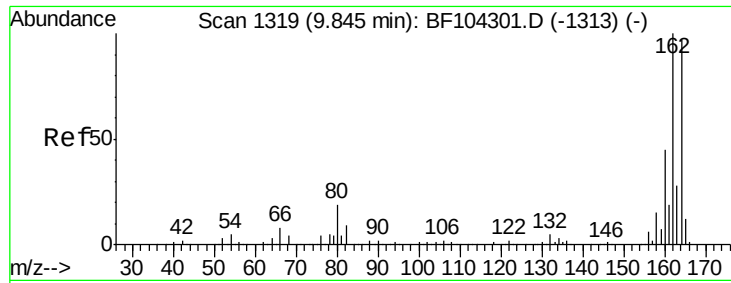


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

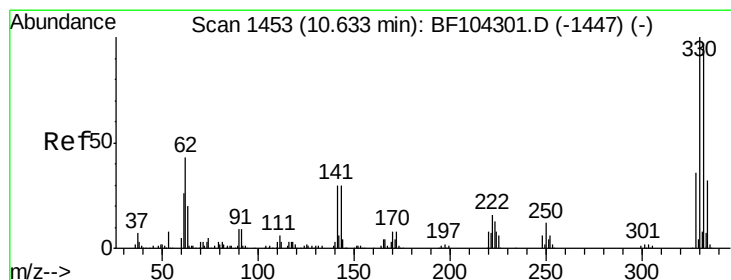
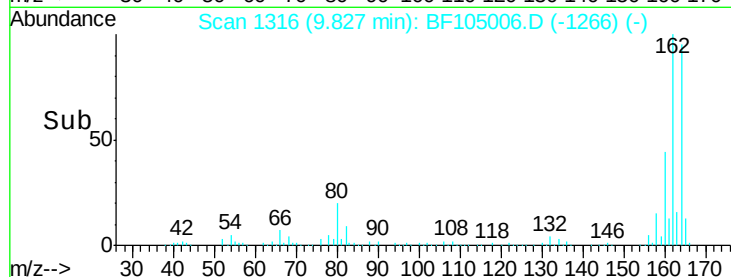
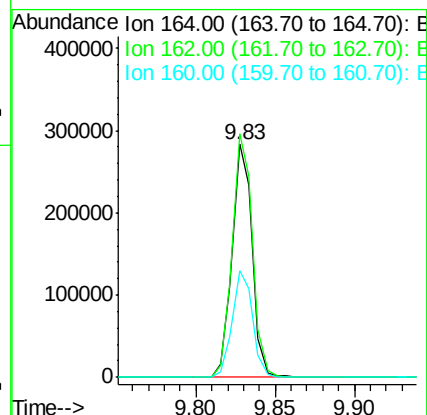
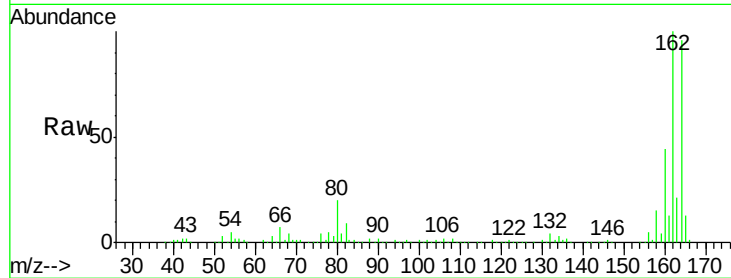




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

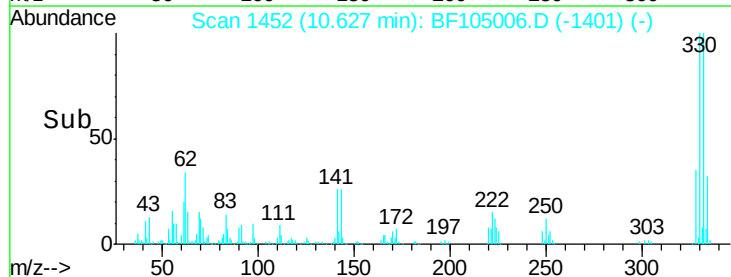
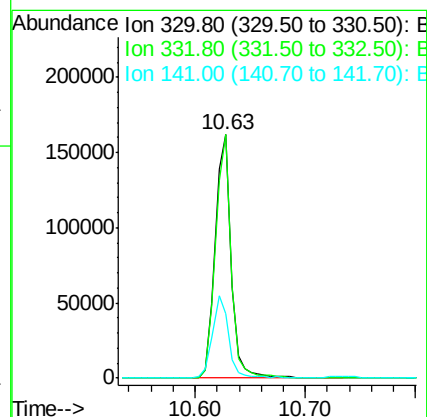
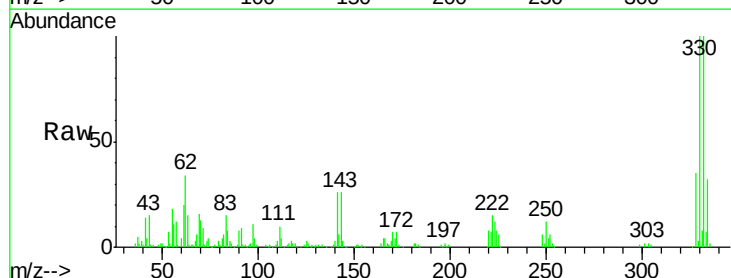
Instrument :
 BNA_F
 ClientSampleId :
 WL-PH3-ZEO-01

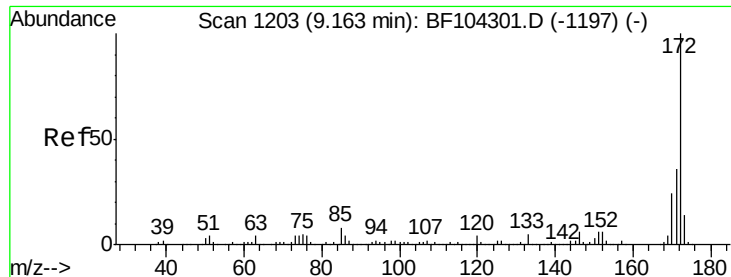
Tgt Ion:164 Resp: 247116
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 62.297 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

Tgt Ion:330 Resp: 159691
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.9 29.9 44.9

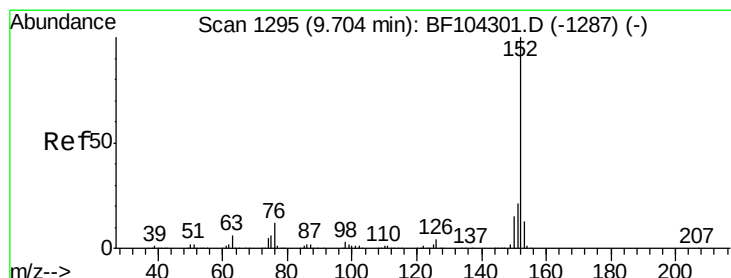
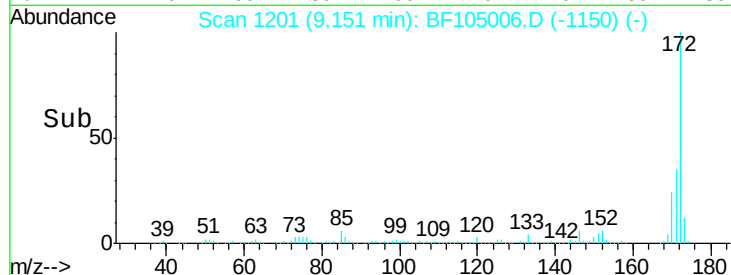
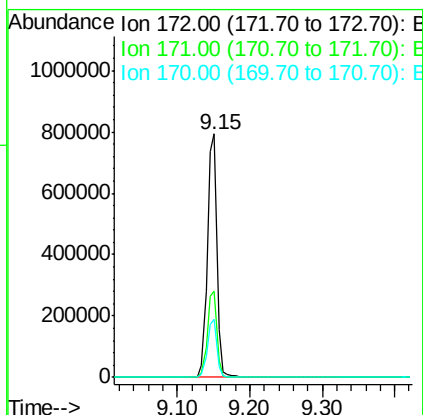
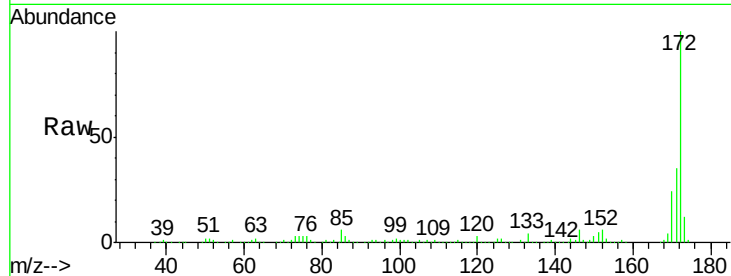




#44
2-Fluorobiphenyl
Concen: 46.562 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

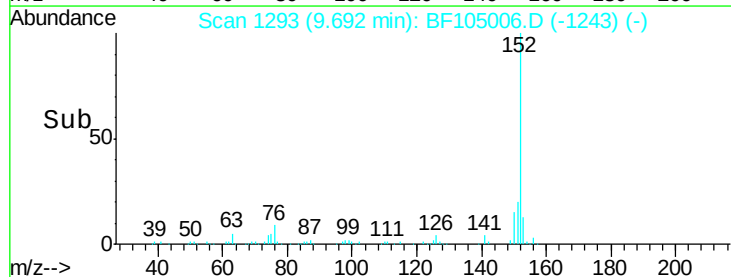
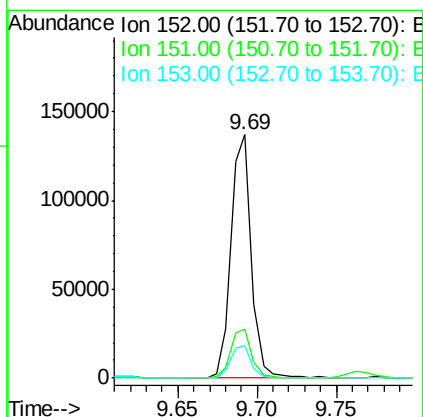
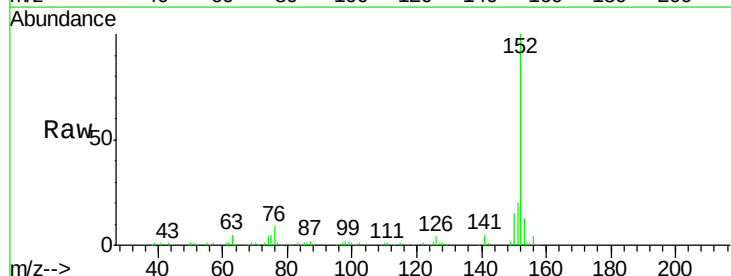
Instrument :
BNA_F
ClientSampleId :
WL-PH3-ZEO-01

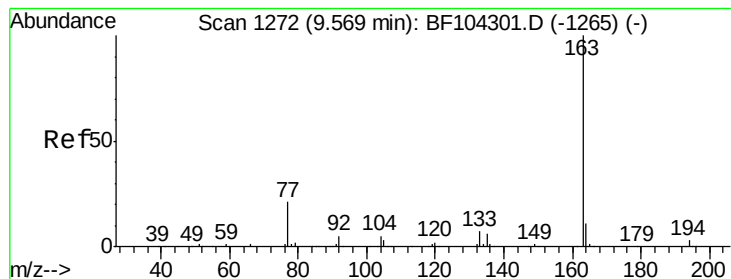
Tgt Ion:172 Resp: 728361
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.6 19.6 29.4



#48
Acenaphthylene
Concen: 4.742 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

Tgt Ion:152 Resp: 122006
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 5.094 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Instrument :

BNA_F

ClientSampleId :

WL-PH3-ZEO-01

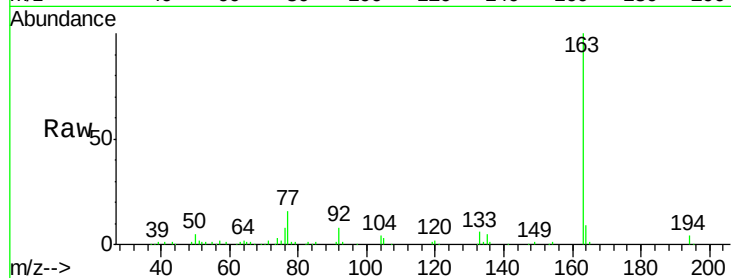
Tgt Ion:163 Resp: 99264

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

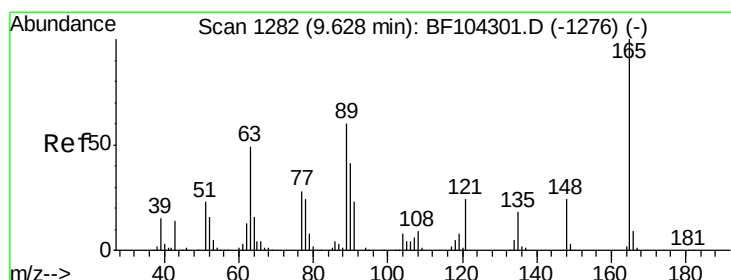
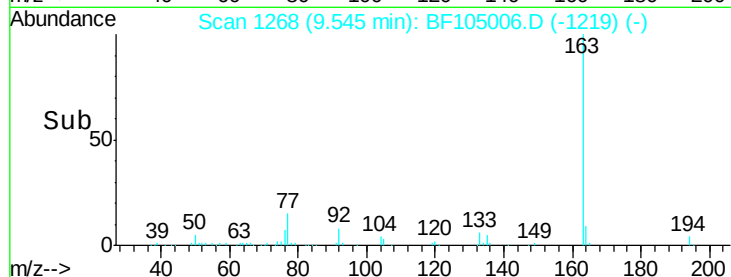
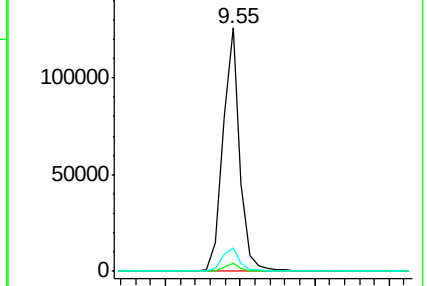
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.266 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.20 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

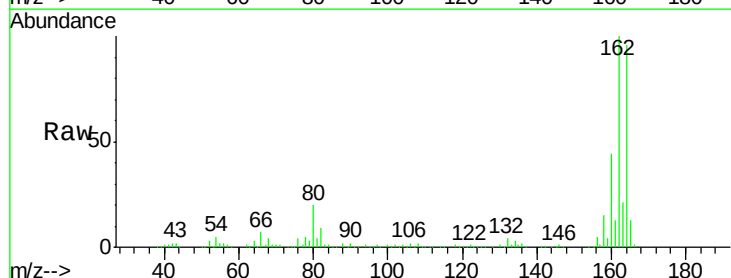
Tgt Ion:165 Resp: 33412

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

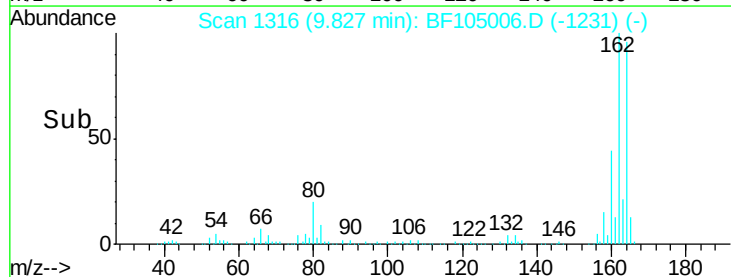
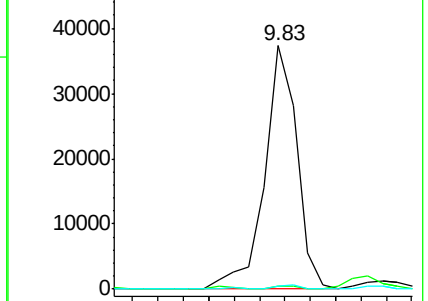
89 1.2 44.0 66.0#

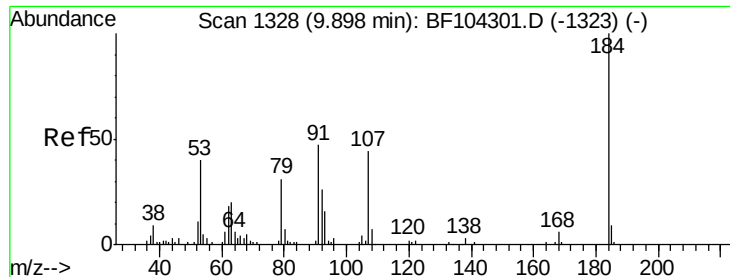


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

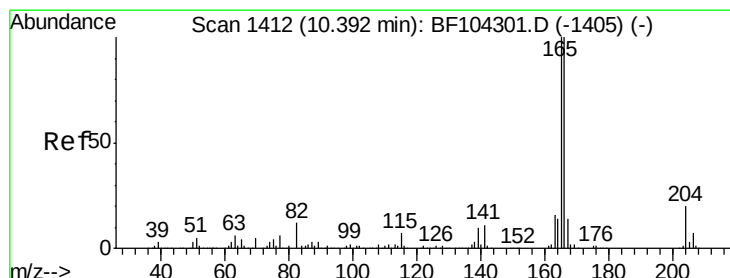
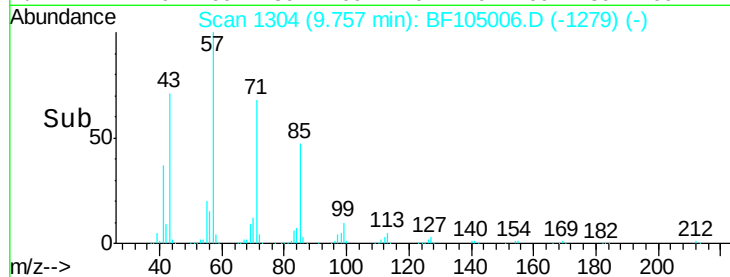
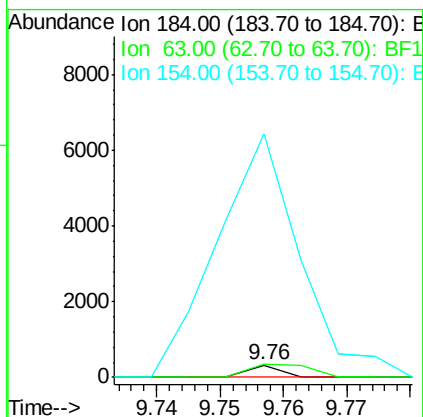
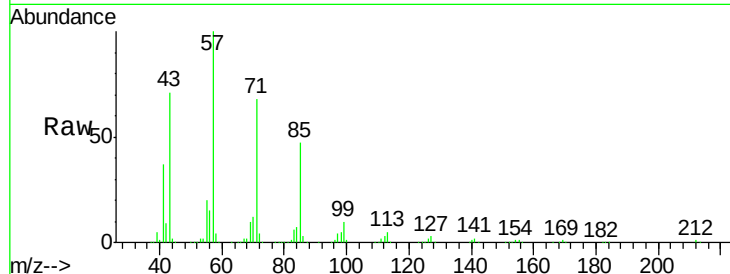




#53
2,4-Dinitrophenol
Concen: 5.239 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.15 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

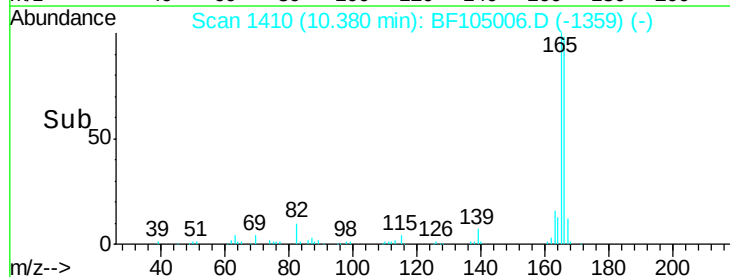
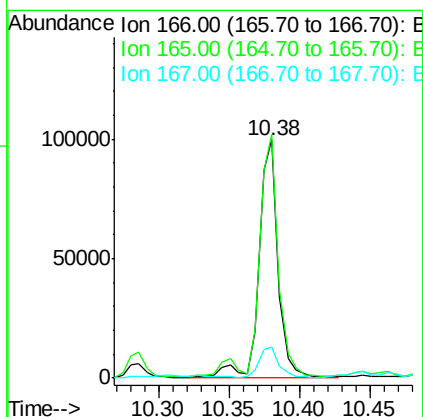
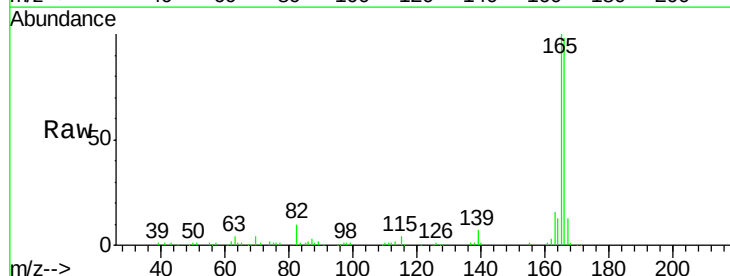
Instrument :
BNA_F
ClientSampleId :
WL-PH3-ZEO-01

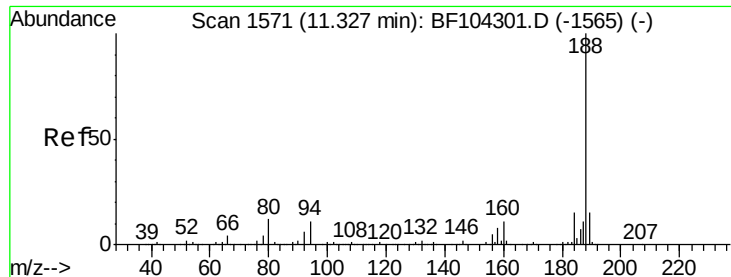
Tgt Ion:184 Resp: 113
Ion Ratio Lower Upper
184 100
63 106.3 54.2 81.2#
154 2010.6 184.0 276.0#



#57
Fluorene
Concen: 5.949 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

Tgt Ion:166 Resp: 94725
Ion Ratio Lower Upper
166 100
165 102.3 79.8 119.8
167 13.1 10.6 16.0

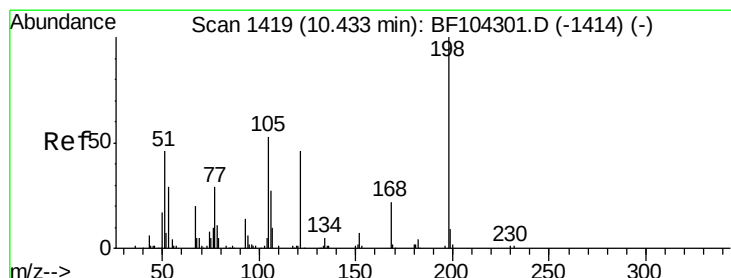
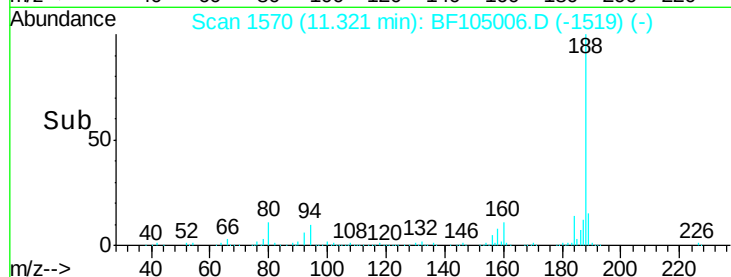
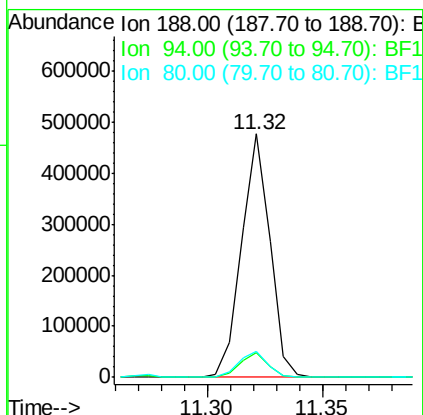
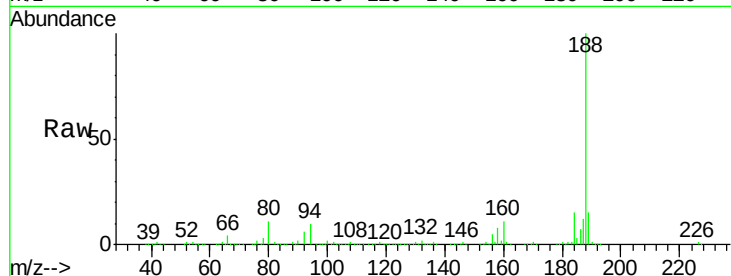




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

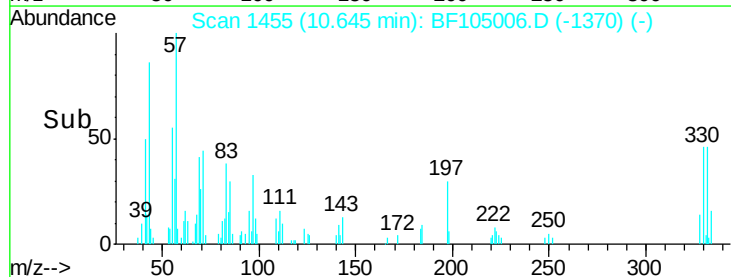
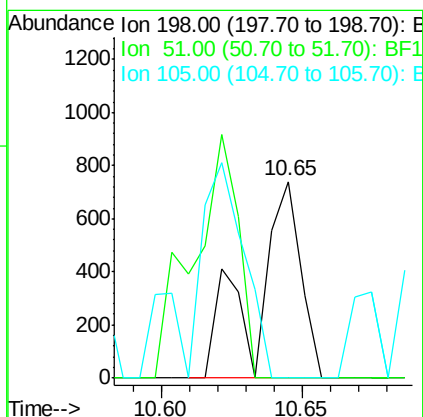
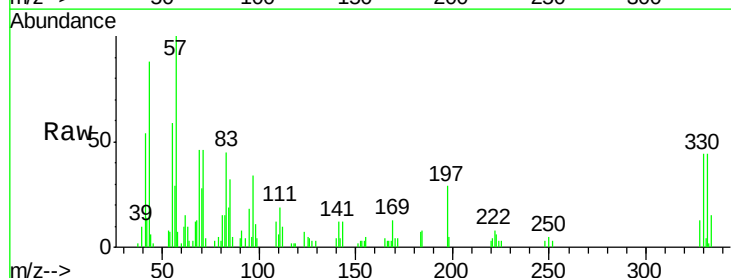
Instrument :
BNA_F
ClientSampleId :
WL-PH3-ZEO-01

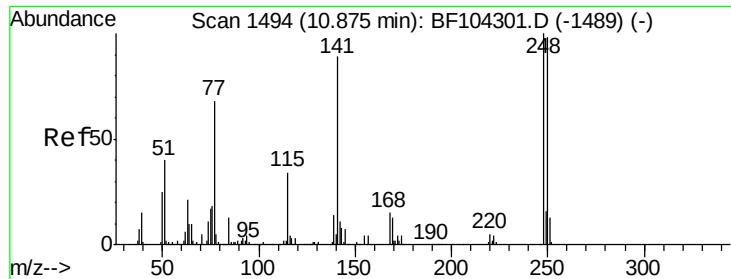
Tgt Ion:188 Resp: 409708
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.698 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.20 min
Lab File: BF105006.D
Acq: 2 May 2018 2:52

Tgt Ion:198 Resp: 827
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 0.0 36.3 76.3#

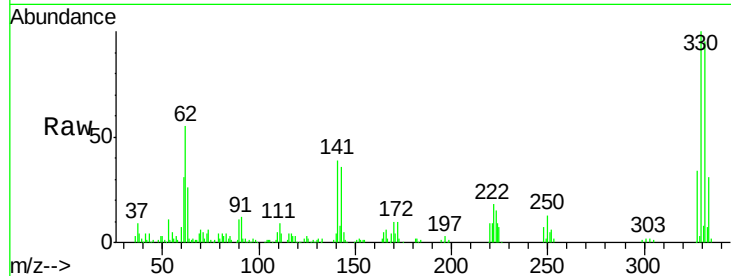




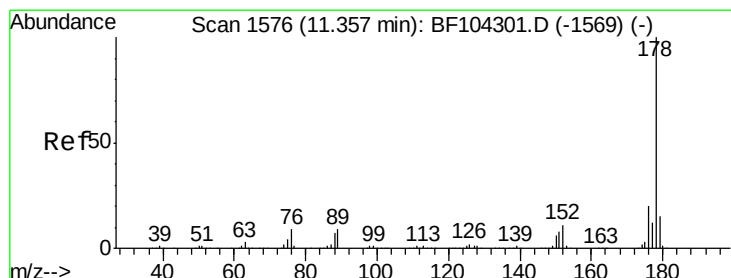
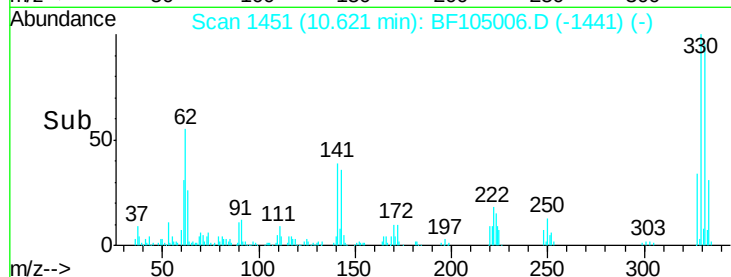
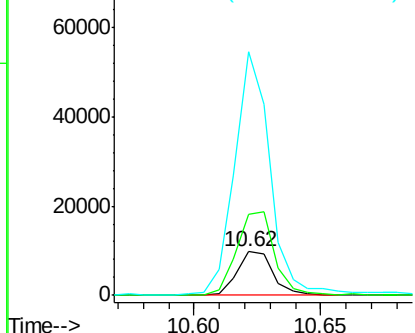
#66
 4-Bromophenyl-phenylether
 Concen: 2.217 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :
 WL-PH3-ZEO-01

Tgt Ion:248 Resp: 9663
 Ion Ratio Lower Upper
 248 100
 250 185.9 76.9 115.3#
 141 561.4 74.4 111.6#

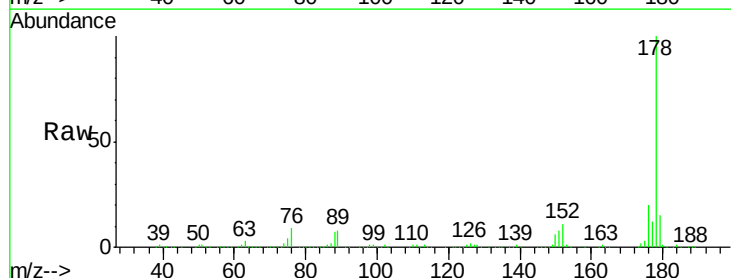


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

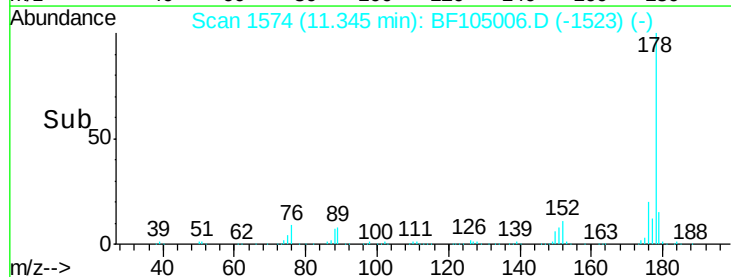
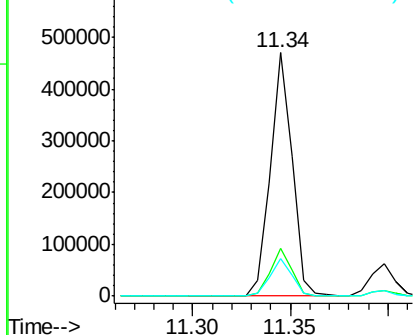


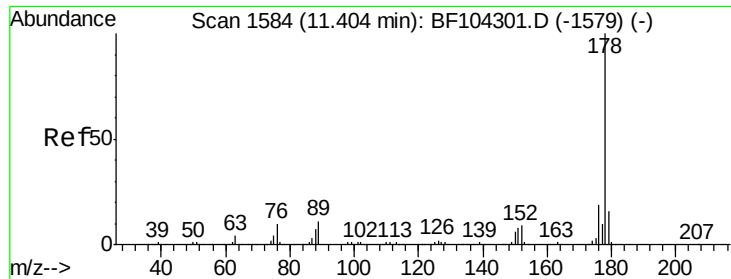
#70
 Phenanthrene
 Concen: 15.931 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

Tgt Ion:178 Resp: 363493
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 13.0 19.6



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

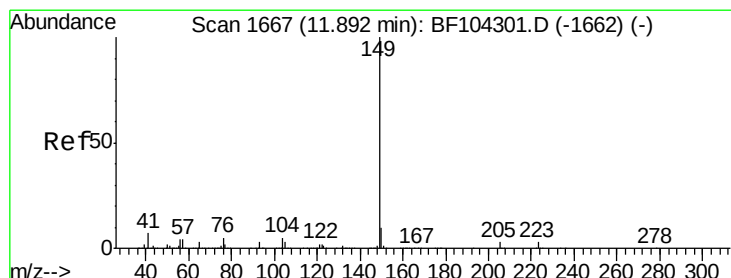
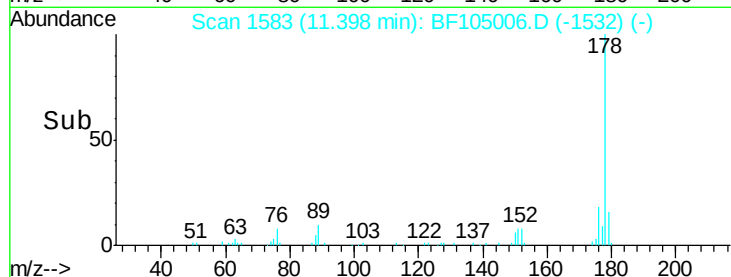
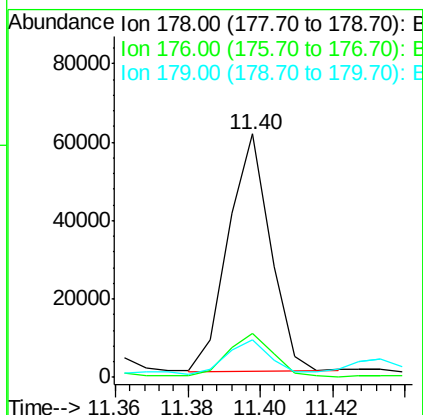
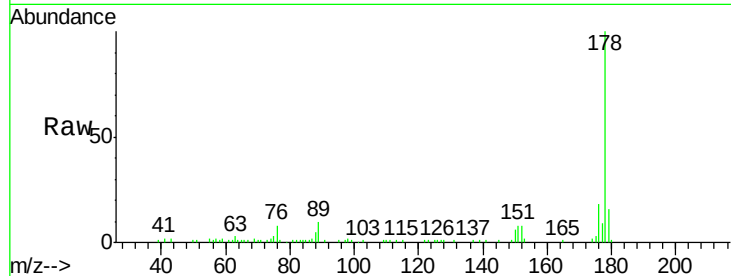




#71
 Anthracene
 Concen: 2.123 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

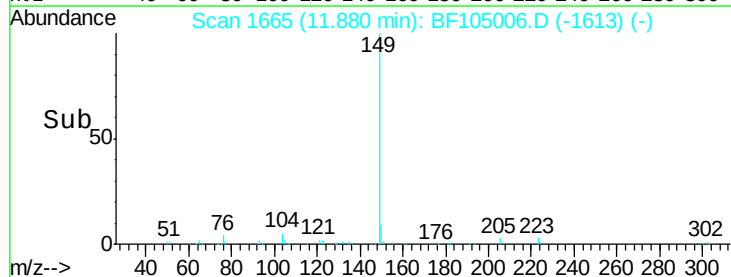
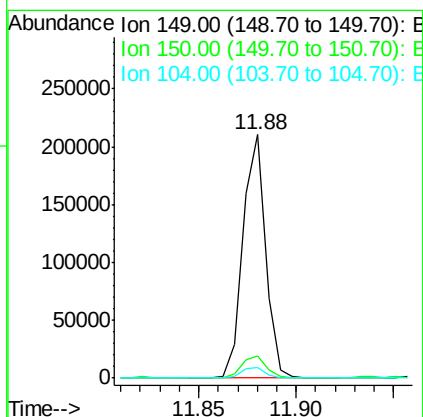
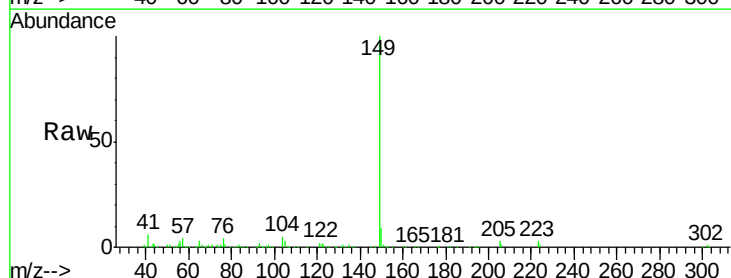
Instrument :
 BNA_F
 ClientSampleId :
 WL-PH3-ZEO-01

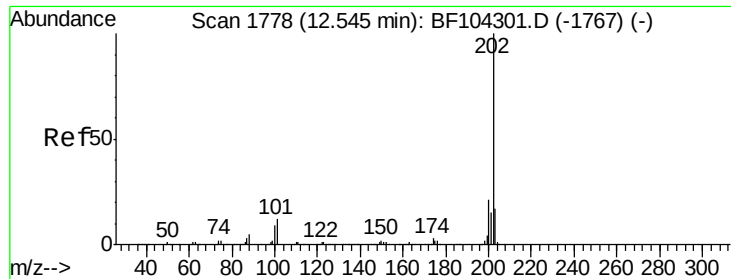
Tgt Ion:178 Resp: 49244
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.5 12.6 19.0



#73
 Di-n-butylphthalate
 Concen: 6.152 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

Tgt Ion:149 Resp: 170317
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 4.5 3.8 5.8

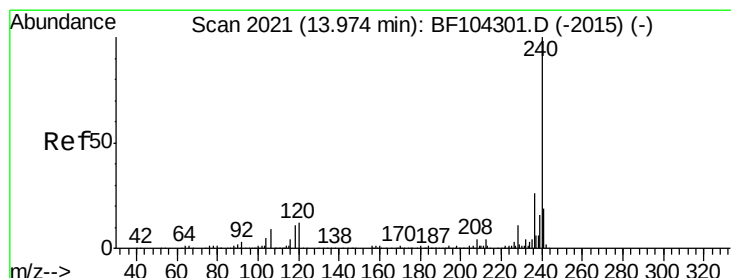
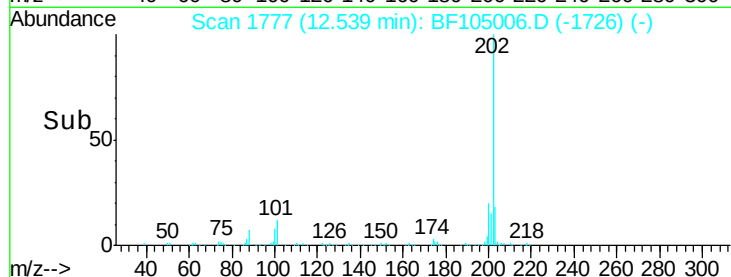
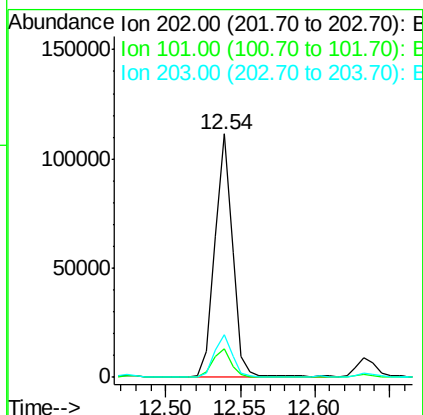
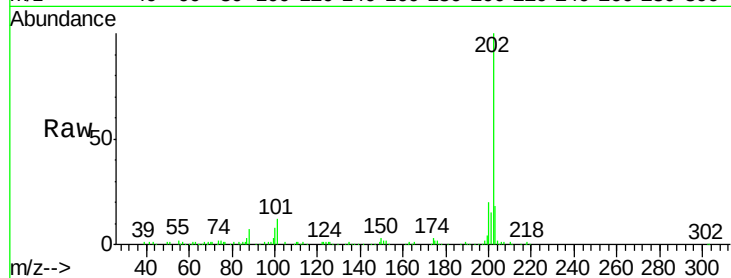




#74
 Fluoranthene
 Concen: 3.890 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

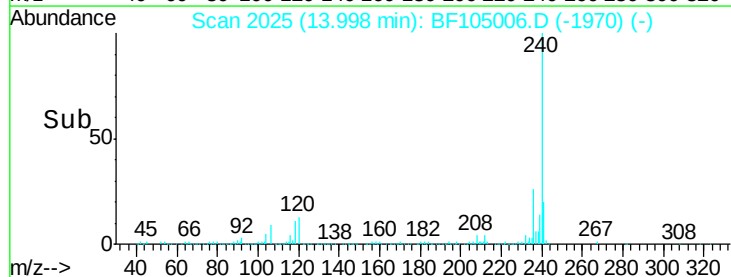
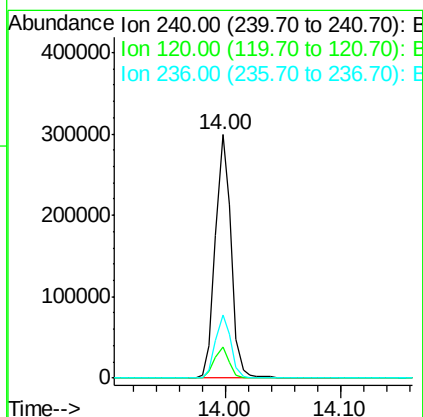
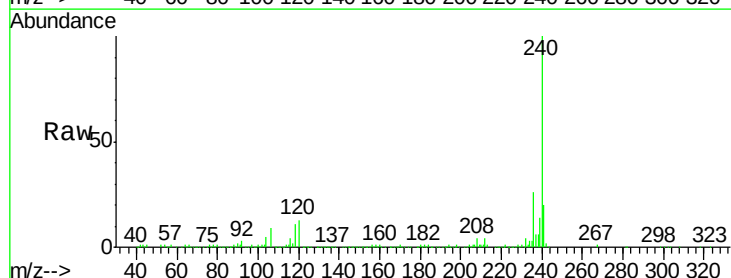
Instrument :
 BNA_F
 ClientSampleId :
 WL-PH3-ZEO-01

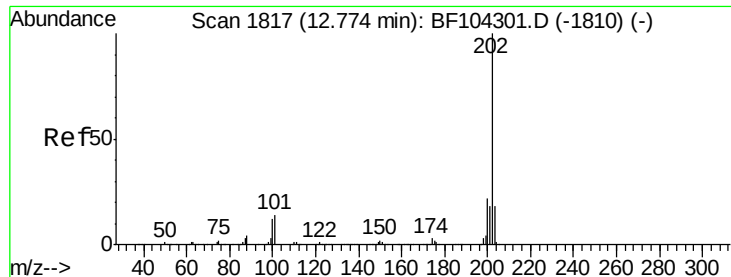
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.02 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.9	20.7	31.1

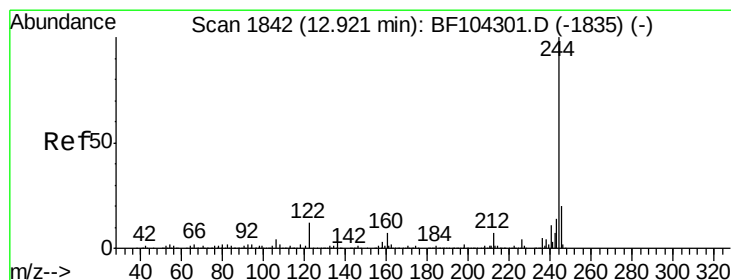
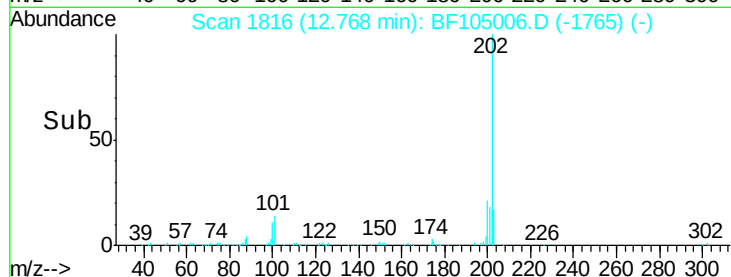
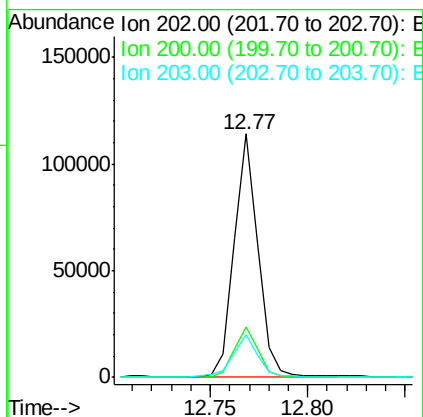
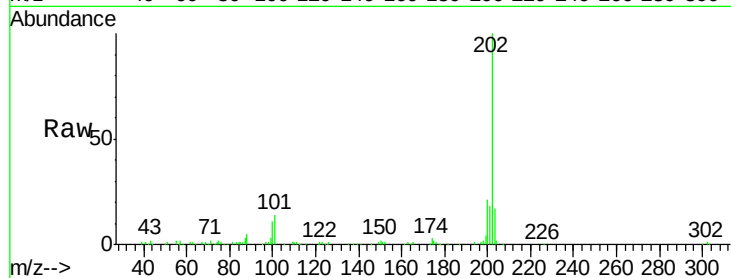




#77
 Pyrene
 Concen: 4.643 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

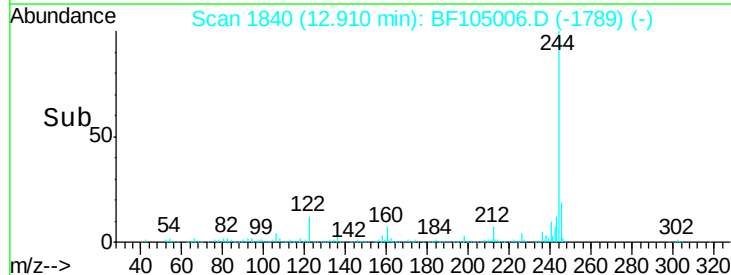
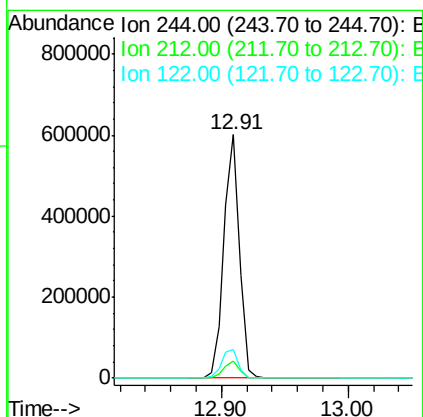
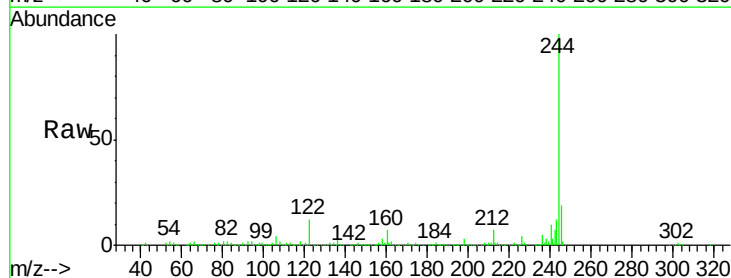
Instrument :
 BNA_F
 ClientSampleId :
 WL-PH3-ZEO-01

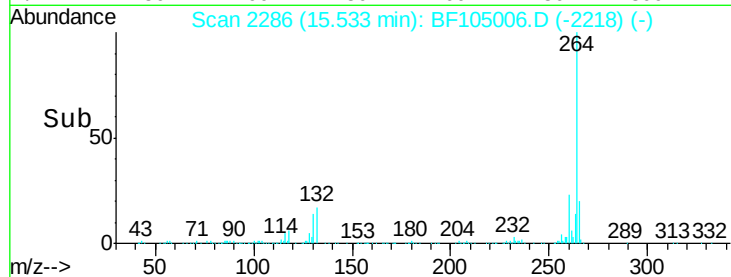
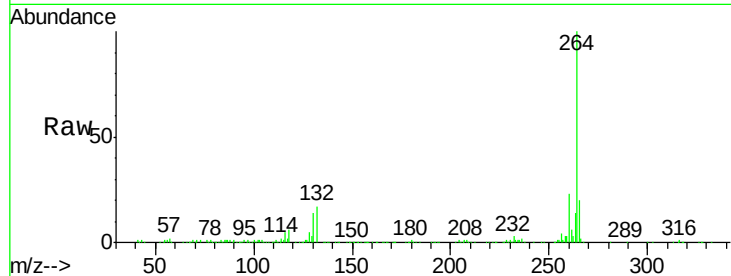
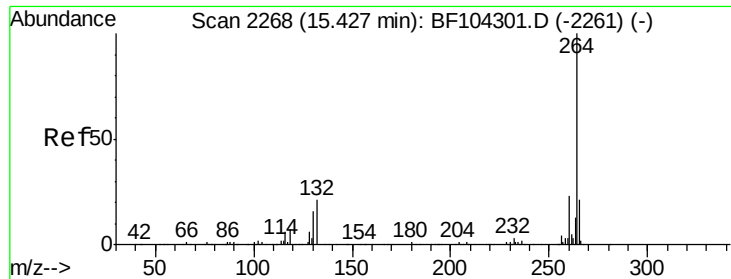
Tgt Ion: 202 Resp: 97393
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 41.340 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105006.D
 Acq: 2 May 2018 2:52

Tgt Ion: 244 Resp: 513149
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.6 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.10 min

Lab File: BF105006.D

Acq: 2 May 2018 2:52

Instrument :

BNA_F

ClientSampleId :

WL-PH3-ZEO-01

Tgt Ion: 264 Resp: 254475

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 19.9 17.5 26.3

