

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102861.D
 Acq On : 8 Feb 2018 17:34
 Operator : SJ/JU
 Sample : J1470-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 18:16:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192391	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	754320	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	294502	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	381372	20.00	ng	0.00
75) Chrysene-d12	14.06	240	344962	20.00	ng	0.00
86) Perylene-d12	15.54	264	278805	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1234810	97.47	ng	0.01
7) Phenol-d6	6.52	99	1482819	97.21	ng	0.01
23) Nitrobenzene-d5	7.45	82	959724	88.26	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	193015	81.43	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1289659	72.67	ng	0.00
78) Terphenyl-d14	13.00	244	776044	53.27	ng	0.00

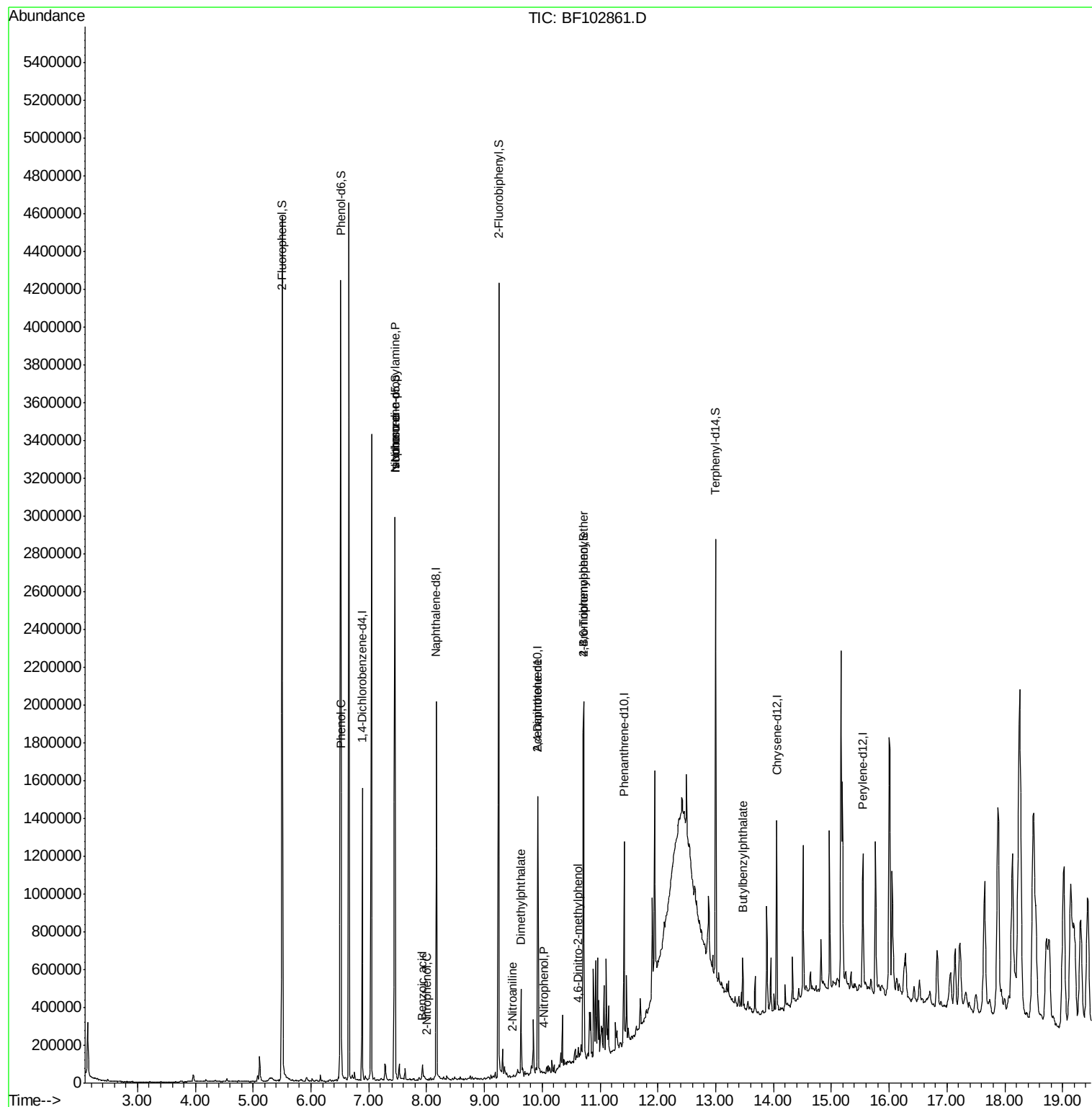
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	40916	2.503	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	132134	13.138	ng	# 84
25) Isophorone	7.45	82	959713	38.329	ng	# 64
26) 2-Nitrophenol	8.00	139	320	8.716	ng	# 77
32) Benzoic acid	7.93	122	13903	10.332	ng	# 32
47) 2-Nitroaniline	9.49	65	147	3.495	ng	# 2
49) Dimethylphthalate	9.63	163	129259	5.629	ng	100
55) 4-Nitrophenol	10.03	139	231	4.074	ng	# 1
56) 2,4-Dinitrotoluene	9.92	165	37979	9.142	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.62	198	110	8.856	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13674	3.390	ng	# 1
79) Butylbenzylphthalate	13.47	149	54074	5.115	ng	91

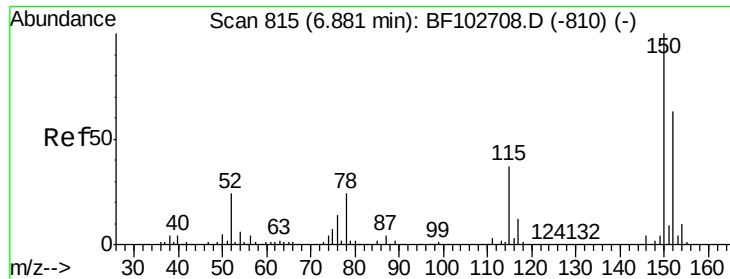
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
Data File : BF102861.D
Acq On : 8 Feb 2018 17:34
Operator : SJ/JU
Sample : J1470-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 08 18:16:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



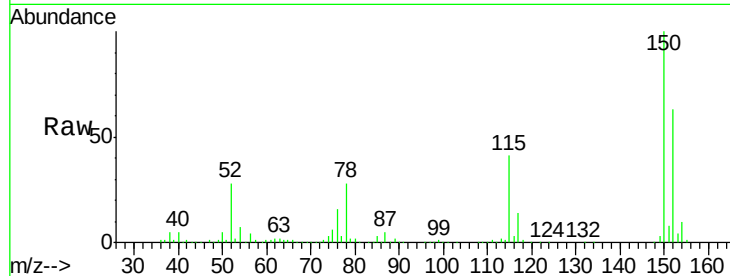


#1

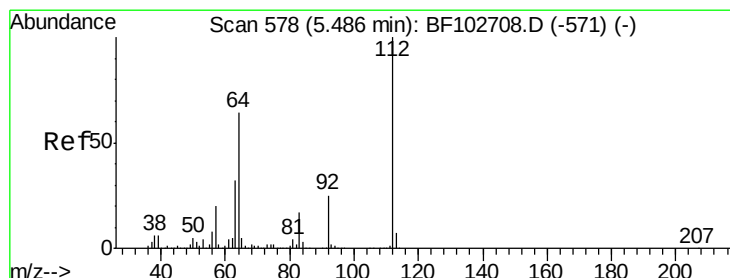
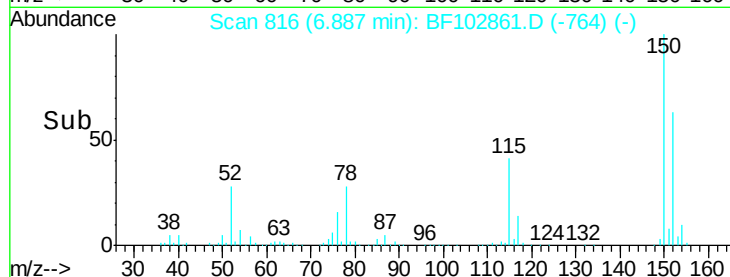
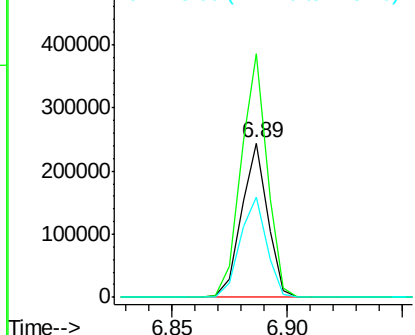
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192391
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 64.6 50.1 75.1



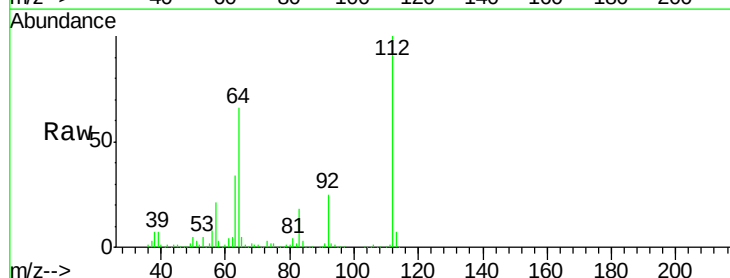
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



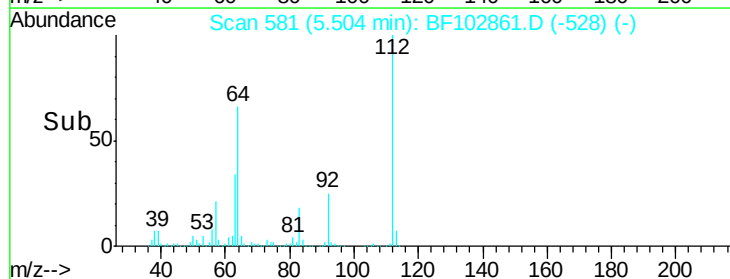
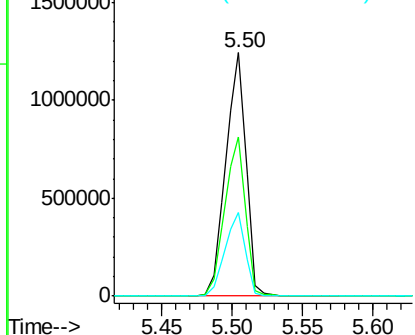
#5

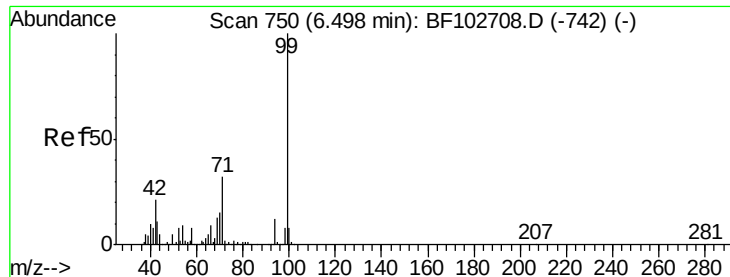
2-Fluorophenol
Concen: 97.472 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:112 Resp: 1234810
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 34.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.211 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102861.D

Acq: 8 Feb 2018 17:34

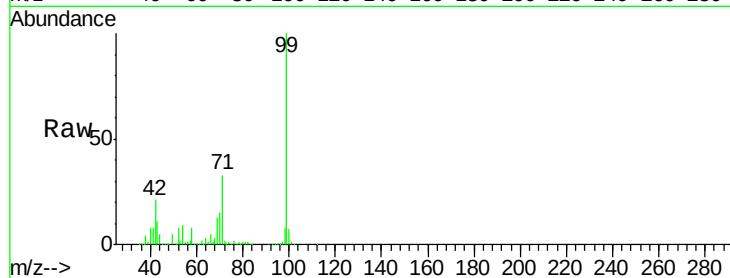
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1482819

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.4	25.4	38.0

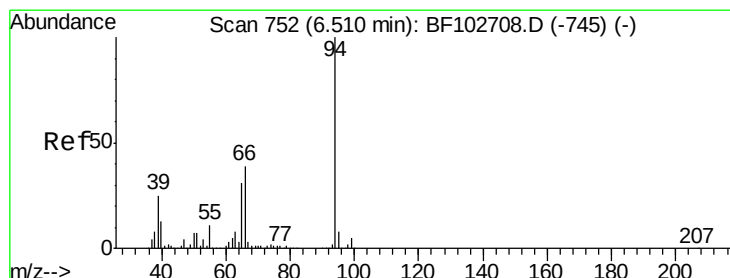
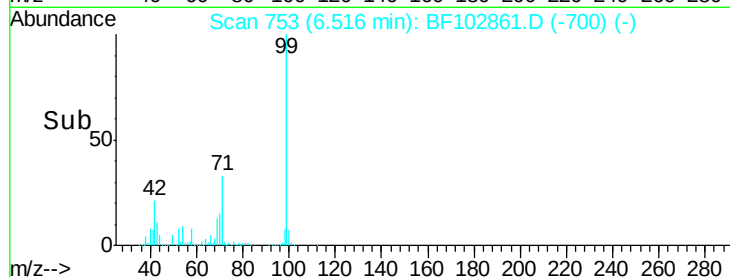
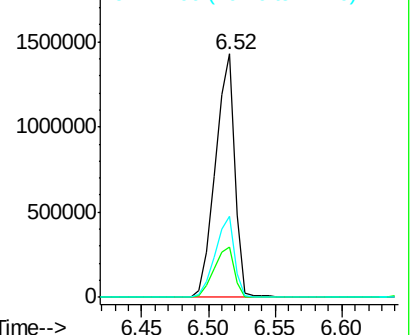


Abundance

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



#10

Phenol

Concen: 2.503 ng

RT: 6.53 min Scan# 755

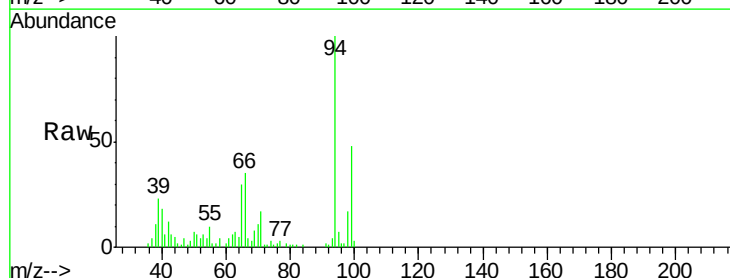
Delta R.T. 0.01 min

Lab File: BF102861.D

Acq: 8 Feb 2018 17:34

Tgt Ion: 94 Resp: 40916

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	34.7	16.2	56.2

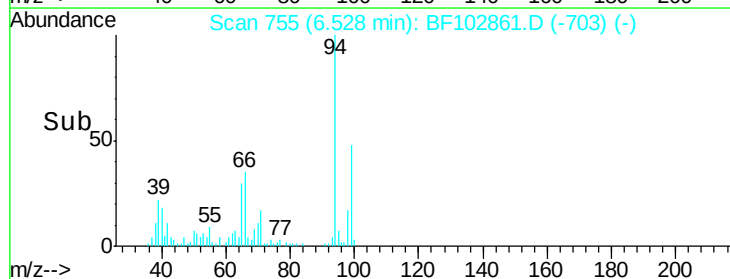
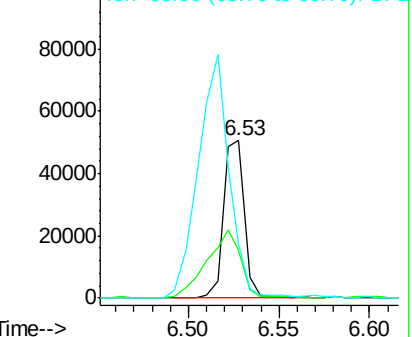


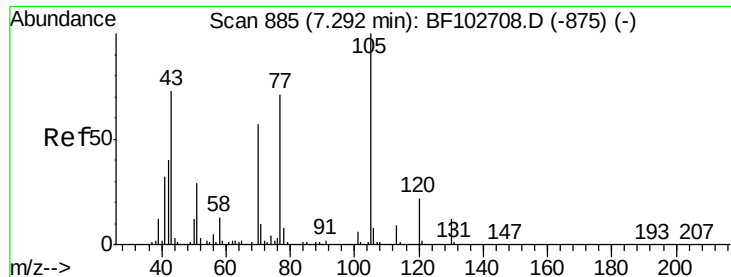
Abundance

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

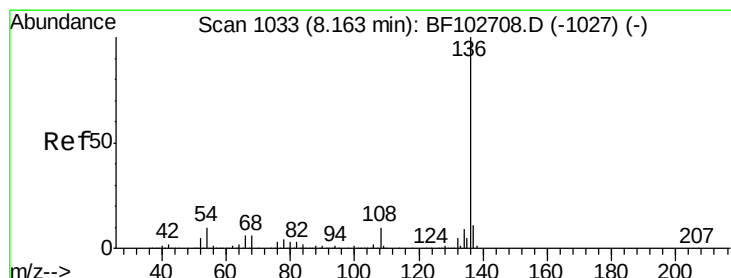
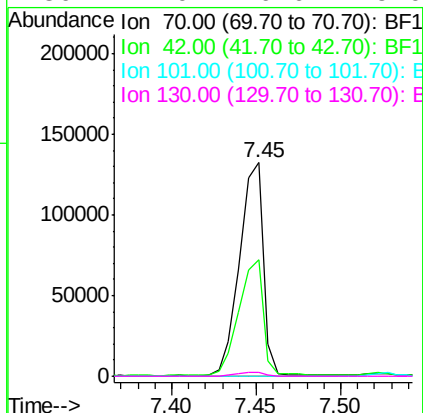
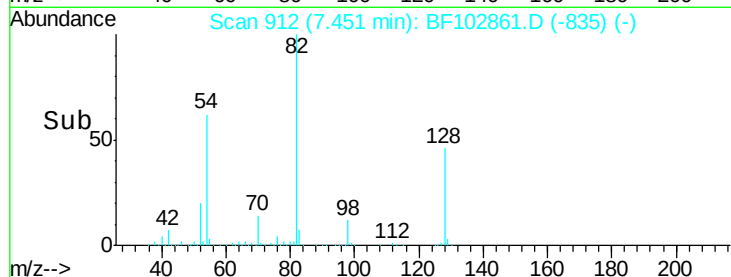
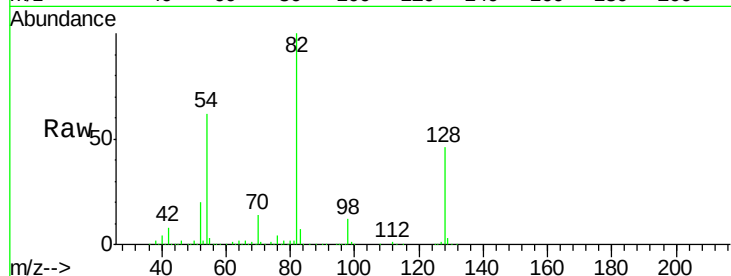




#19
n-Nitroso-di-n-propylamine
Concen: 13.138 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

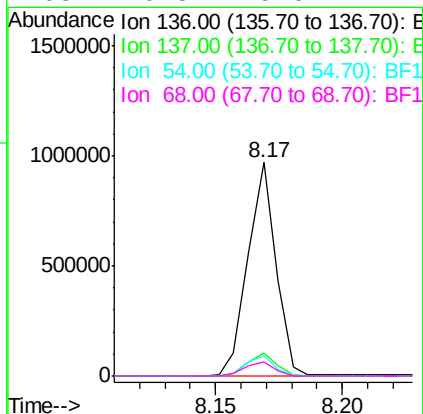
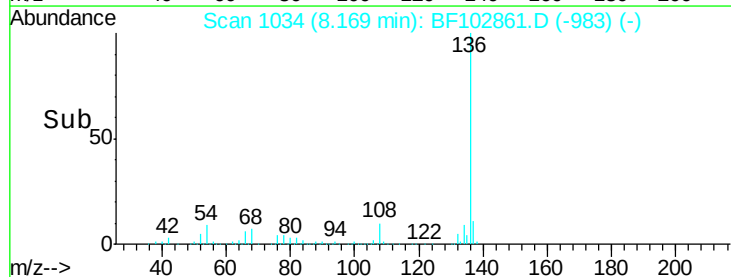
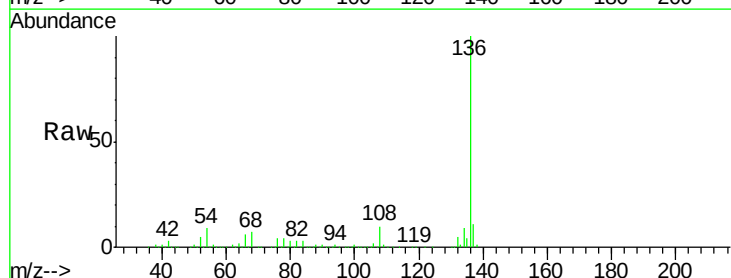
Instrument :
BNA_F
ClientSampleId :

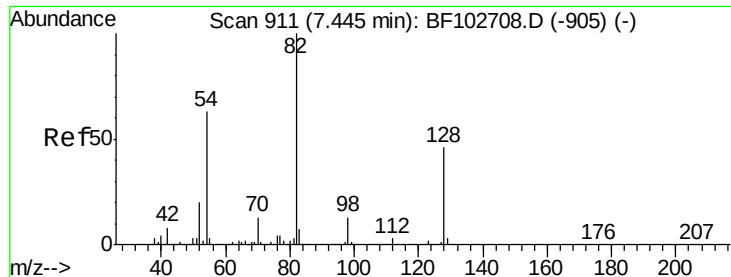
Tot Ion: 70 Resp: 132134
Ion Ratio Lower Upper
70 100
42 54.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:136 Resp: 754320
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.4 6.6 9.8
68 6.8 5.0 7.4

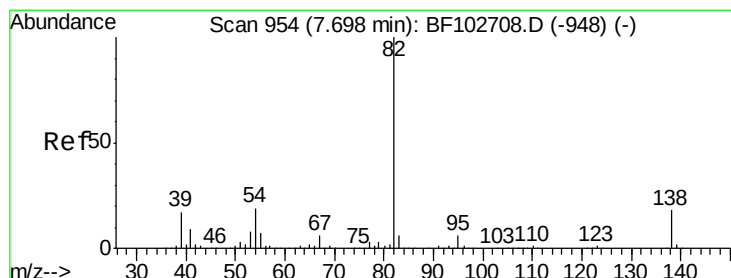
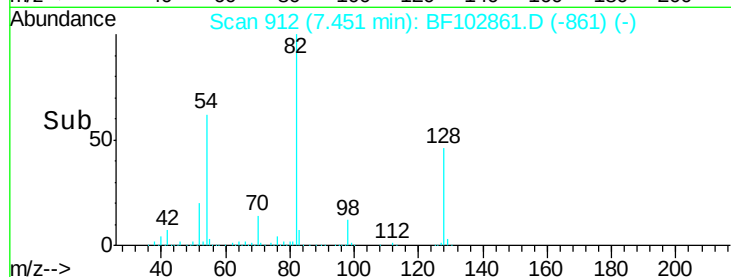
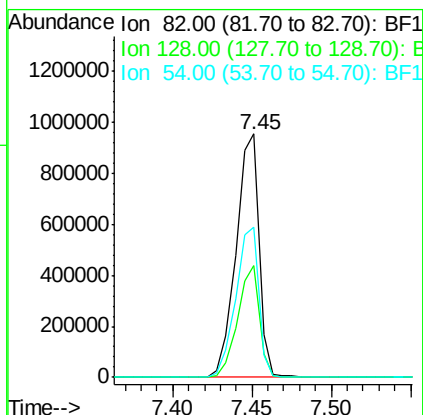
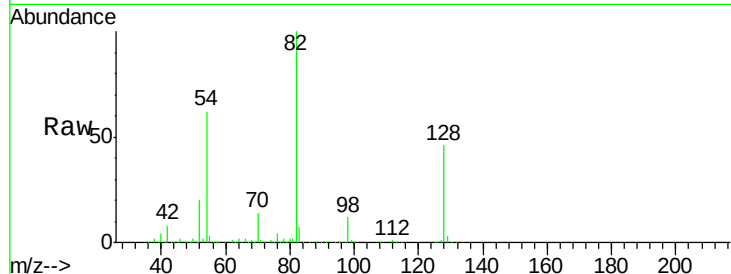




#23
Nitrobenzene-d5
Concen: 88.260 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

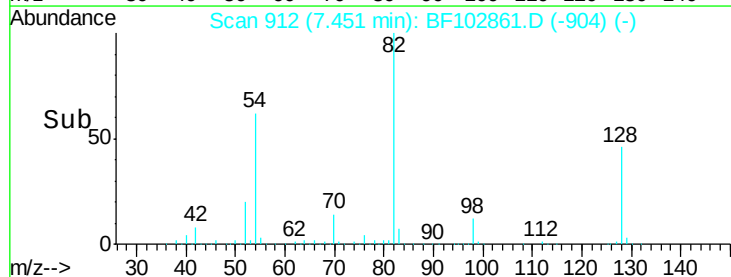
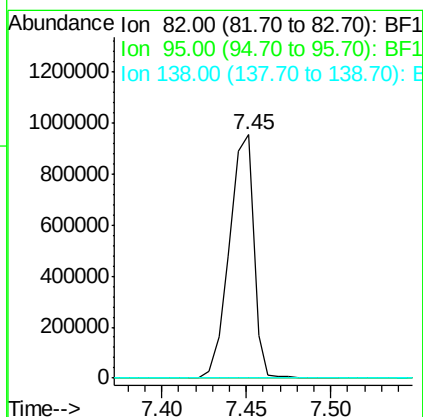
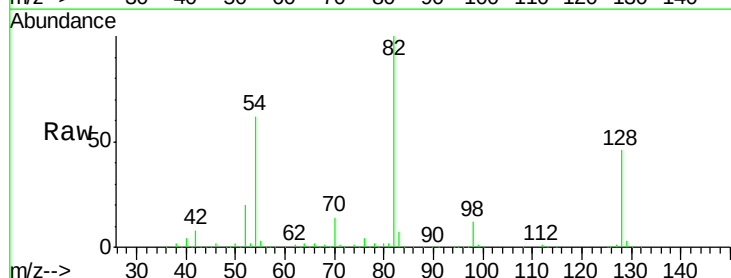
Instrument :
BNA_F
ClientSampleId :

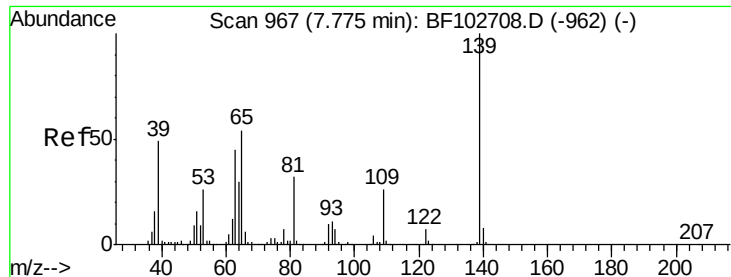
Tot Ion: 82 Resp: 959724
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 61.7 41.4 62.2



#25
Isophorone
Concen: 38.329 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.25 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion: 82 Resp: 959713
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#

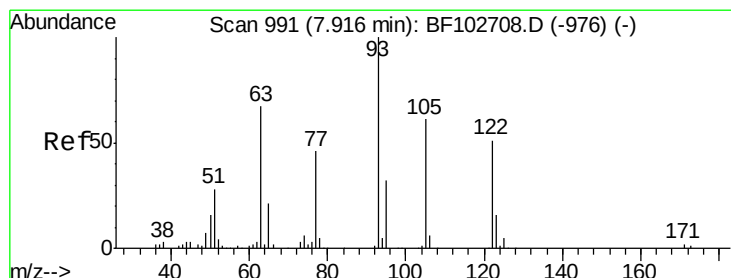
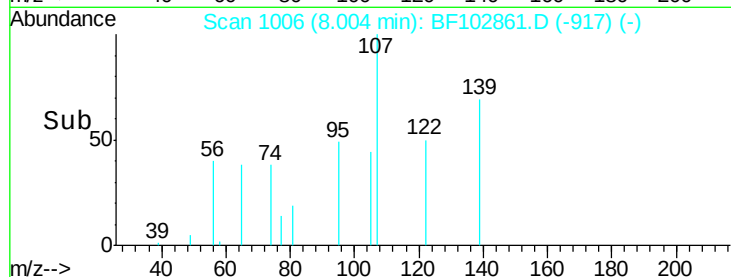
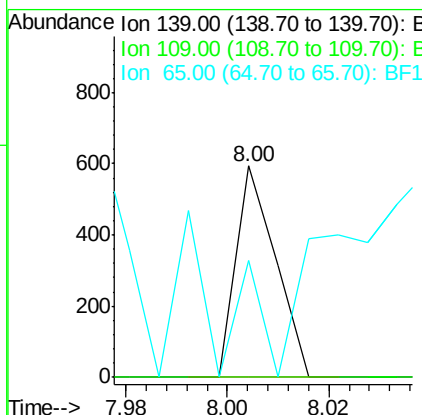
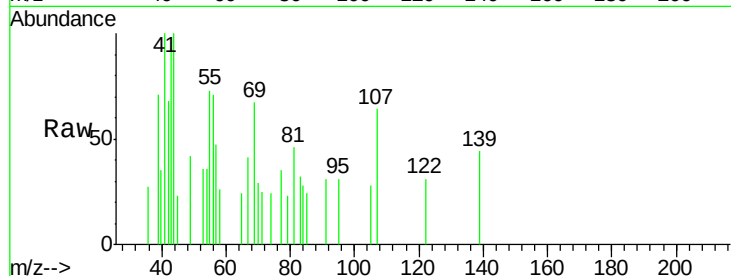




#26
2-Nitrophenol
Concen: 8.716 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.22 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

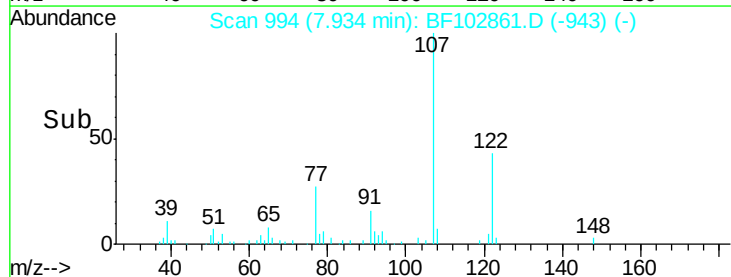
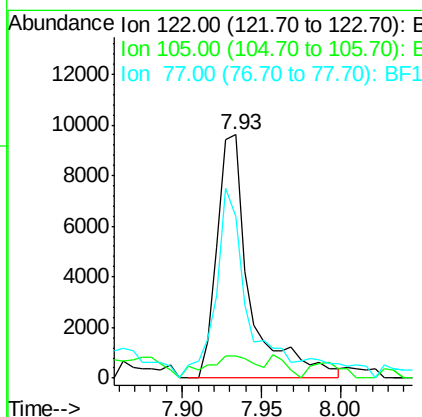
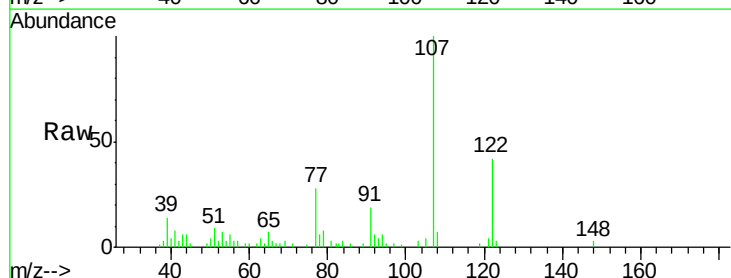
Instrument :
BNA_F
ClientSampleId :

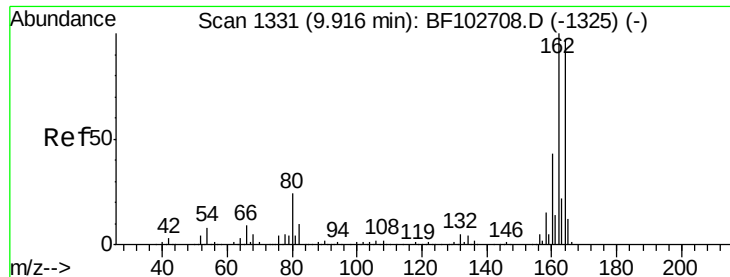
Tot Ion:139 Resp: 320
Ion Ratio Lower Upper
139 100
109 0.0 22.7 34.1#
65 55.1 40.5 60.7



#32
Benzoic acid
Concen: 10.332 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:122 Resp: 13903
Ion Ratio Lower Upper
122 100
105 9.3 101.1 141.1#
77 66.3 70.7 110.7#

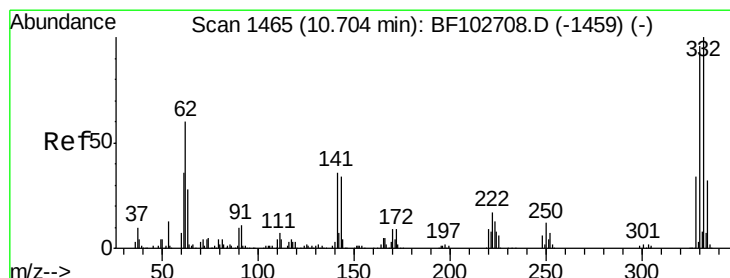
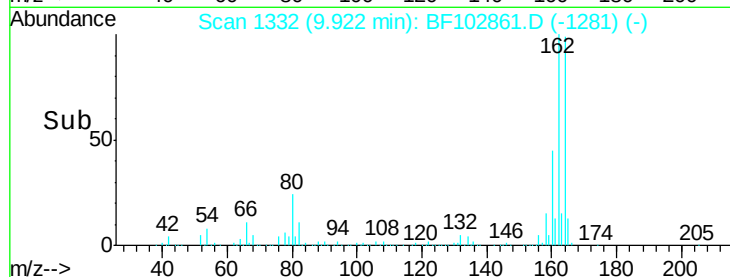
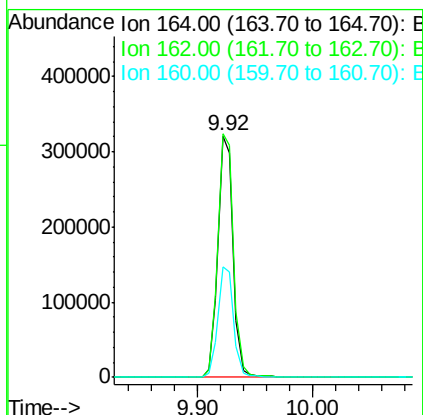
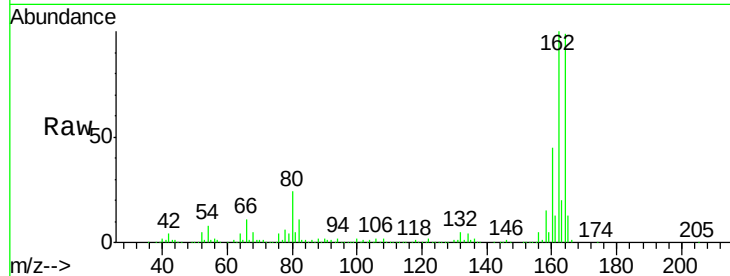




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102861.D
 Acq: 8 Feb 2018 17:34

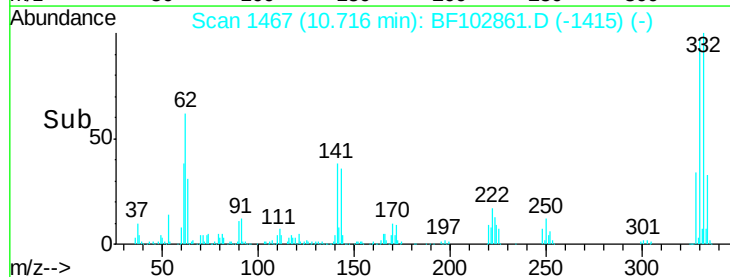
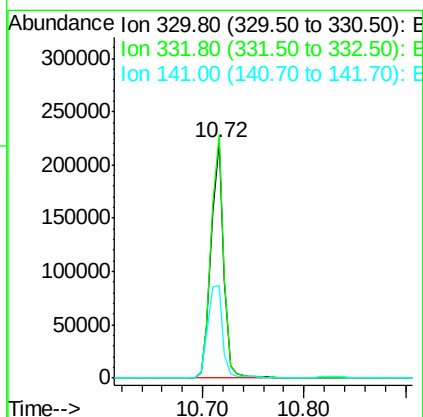
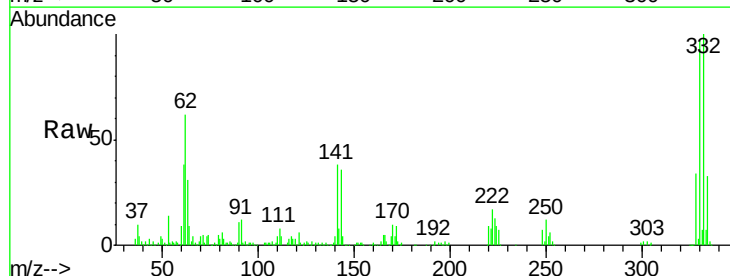
Instrument :
 BNA_F
 ClientSampleId :

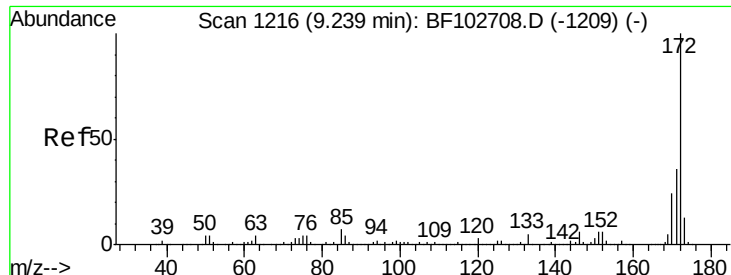
Tot Ion:164 Resp: 294502
 Ion Ratio Lower Upper
 164 100
 162 100.9 86.1 129.1
 160 45.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.427 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102861.D
 Acq: 8 Feb 2018 17:34

Tgt Ion:330 Resp: 193015
 Ion Ratio Lower Upper
 330 100
 332 103.5 77.0 115.6
 141 46.8 29.9 44.9#

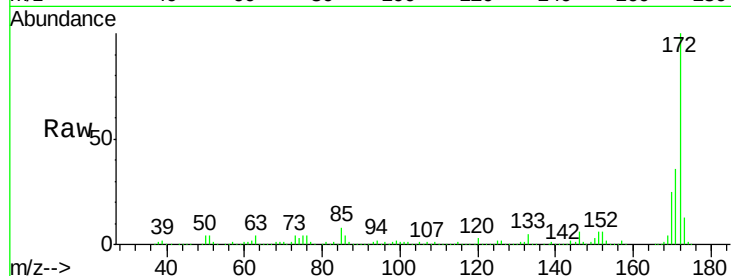




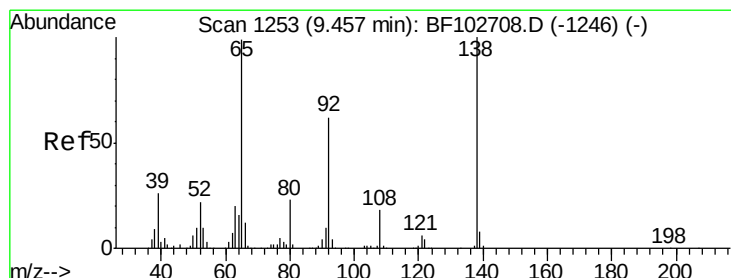
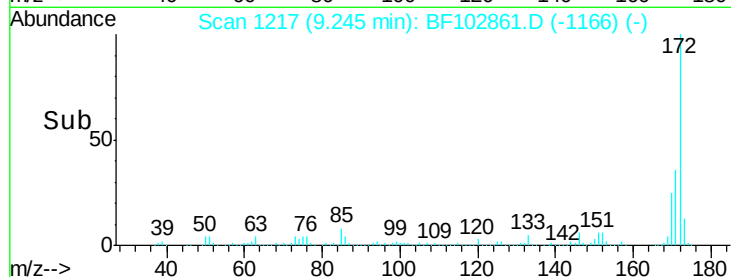
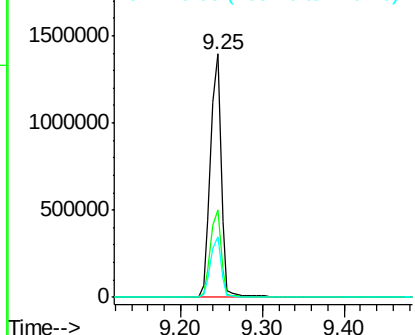
#44
2-Fluorobiphenyl
Concen: 72.665 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1289659
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.6 19.6 29.4

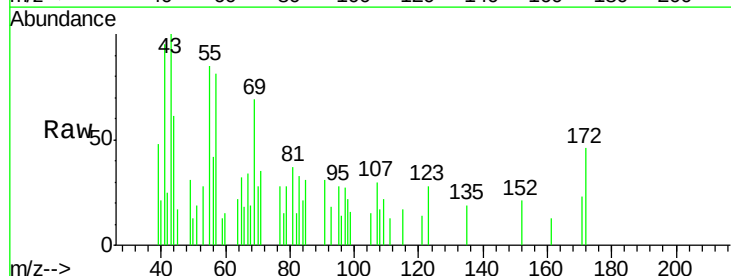


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

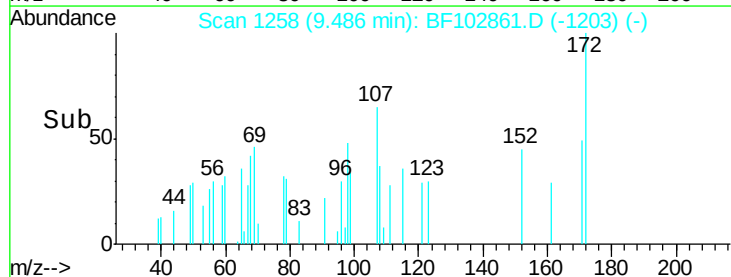
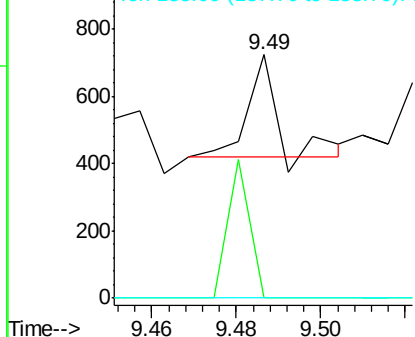


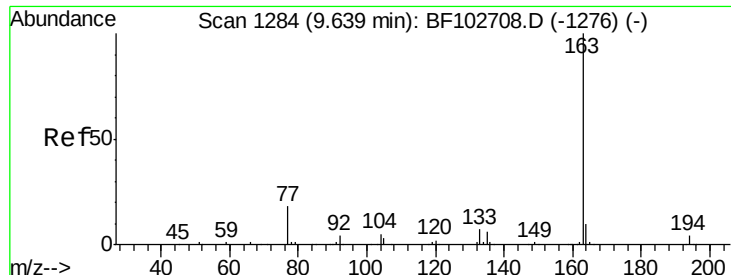
#47
2-Nitroaniline
Concen: 3.495 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.02 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion: 65 Resp: 147
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

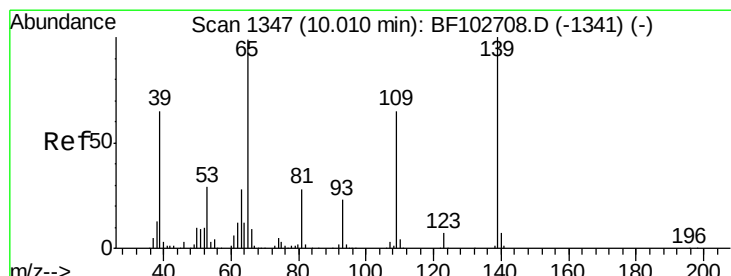
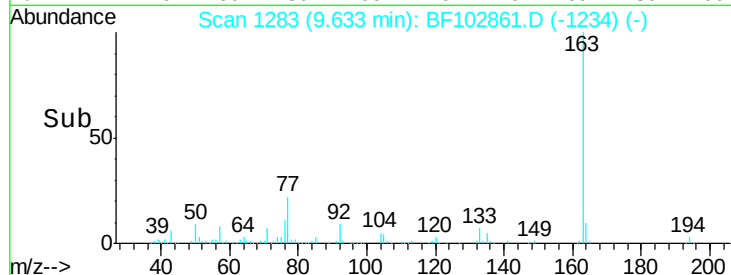
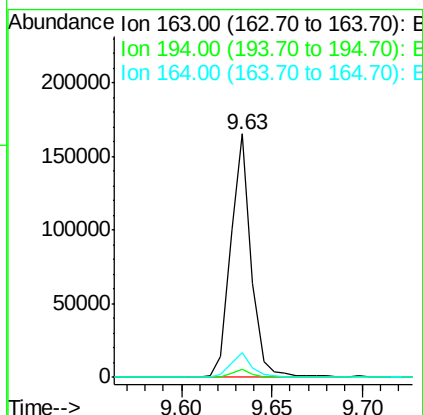
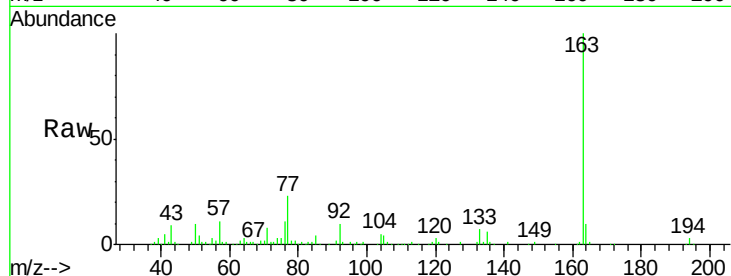




#49
Dimethylphthalate
Concen: 5.629 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

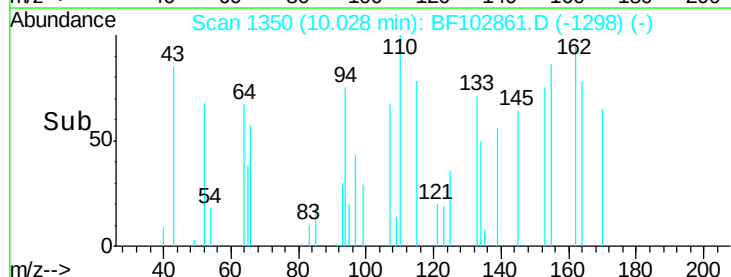
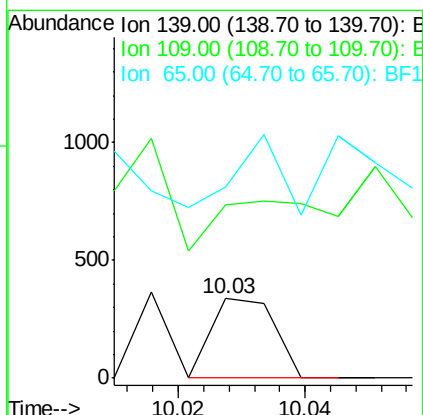
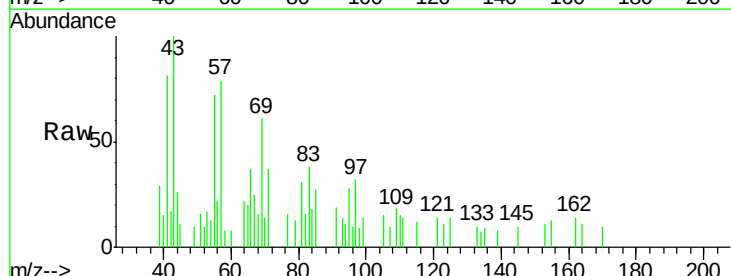
Instrument :
BNA_F
ClientSampleId :

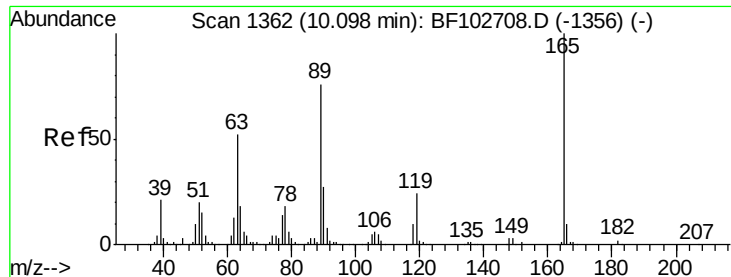
Tot Ion:163 Resp: 129259
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2



#55
4-Nitrophenol
Concen: 4.074 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:139 Resp: 231
Ion Ratio Lower Upper
139 100
109 217.5 48.4 88.4#
65 240.2 72.6 112.6#

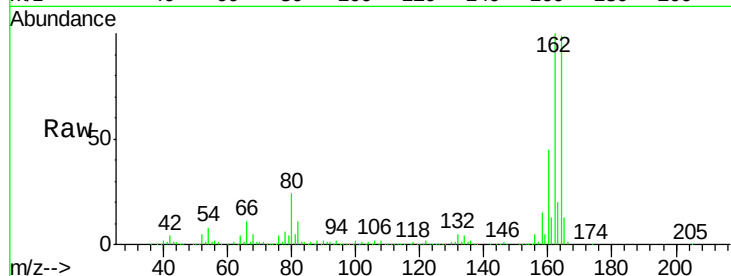




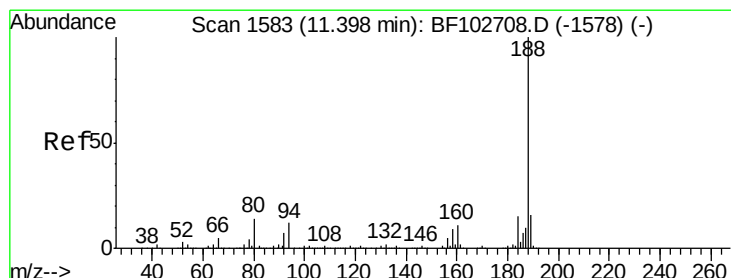
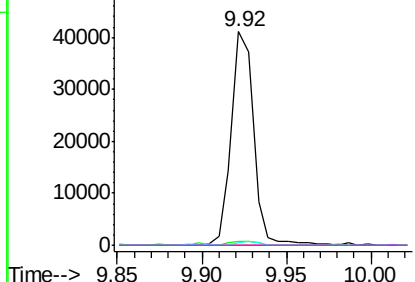
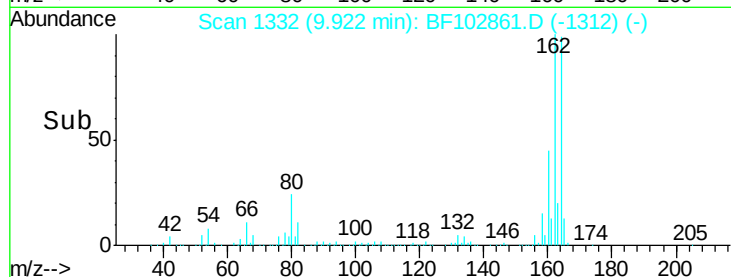
#56
2,4-Dinitrotoluene
Concen: 9.142 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 37979
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

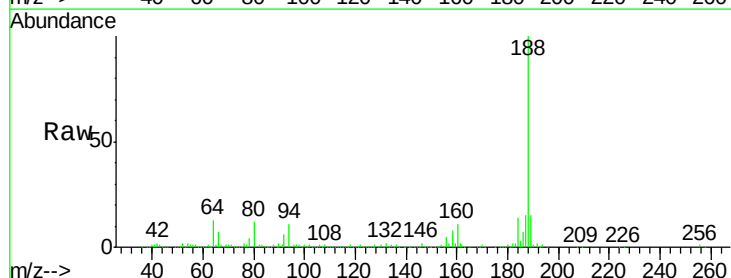


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

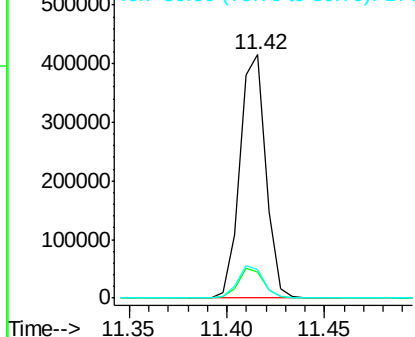
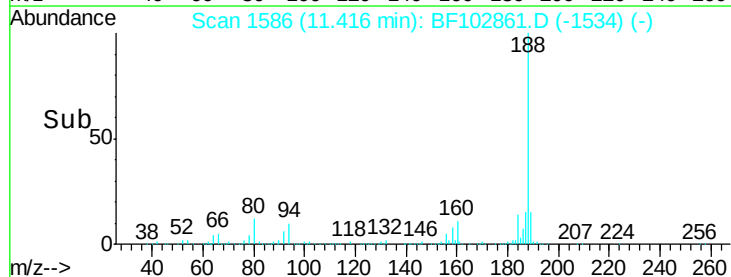


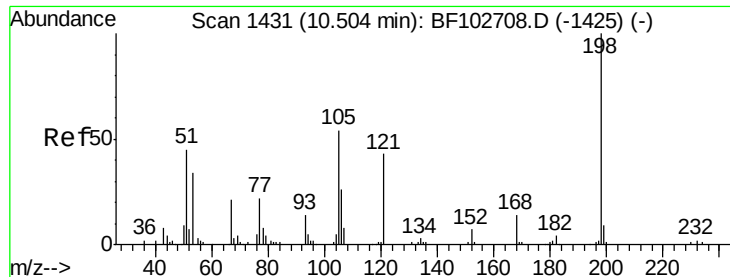
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:188 Resp: 381372
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 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

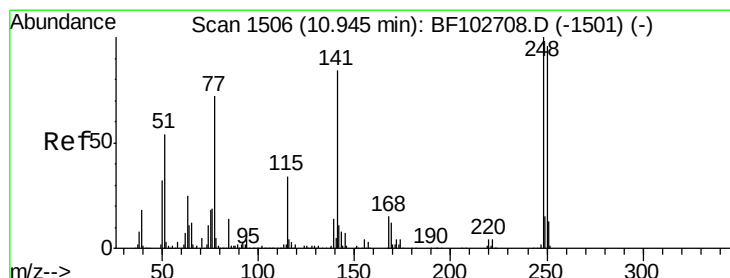
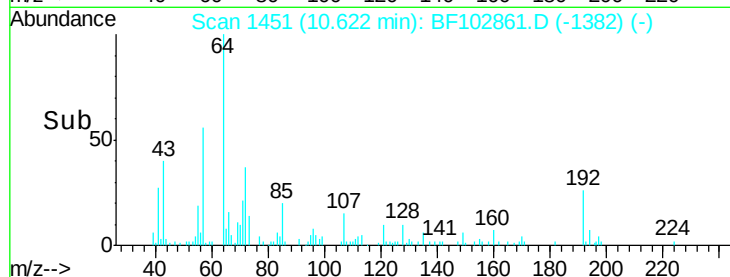
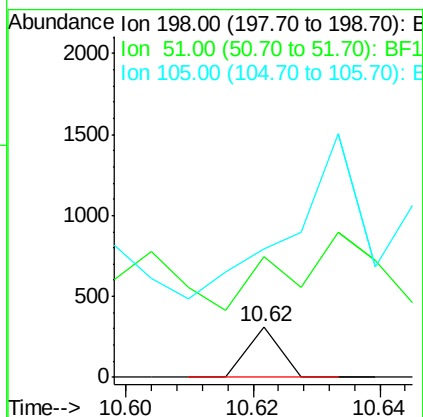
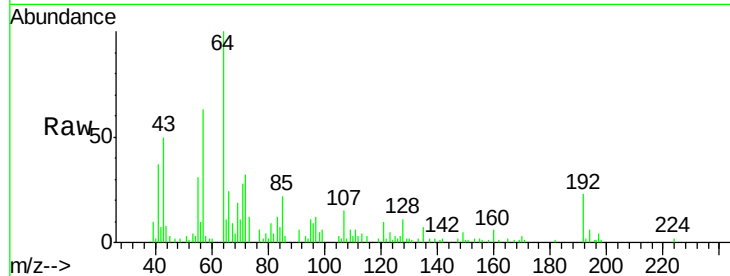




#64
4,6-Dinitro-2-methylphenol
Concen: 8.856 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.11 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

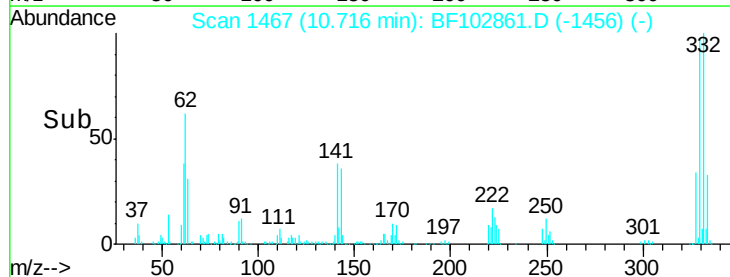
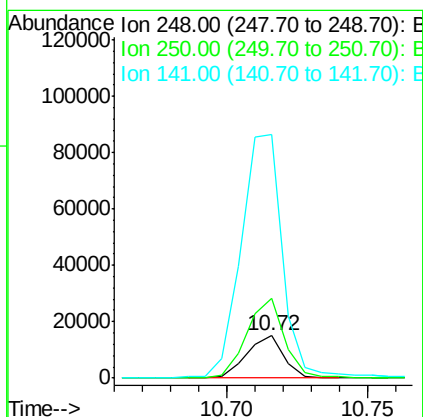
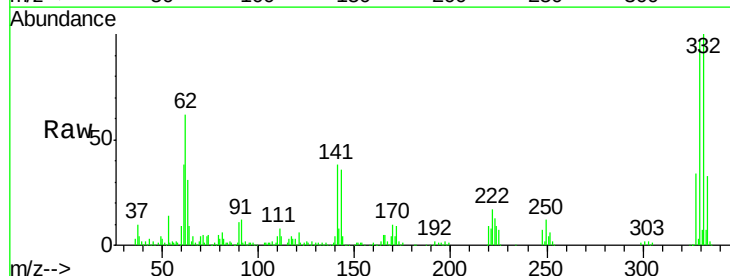
Instrument :
BNA_F
ClientSampled :

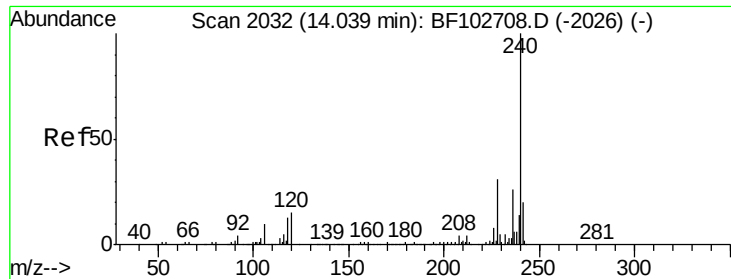
Tot Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 238.0 37.7 77.7#
105 253.7 36.3 76.3#



#66
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:248 Resp: 13674
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 572.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102861.D

Acq: 8 Feb 2018 17:34

Instrument :

BNA_F

ClientSampleId :

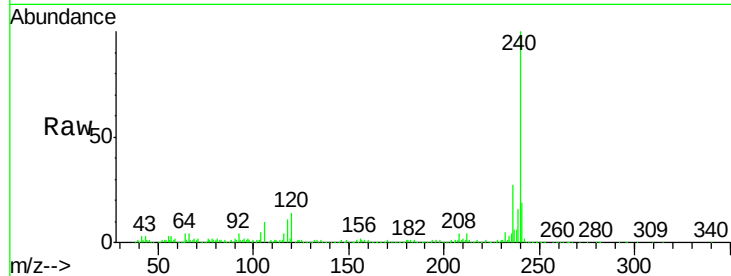
Tot Ion:240 Resp: 344962

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

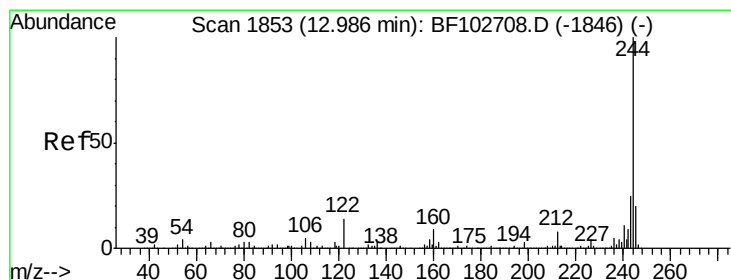
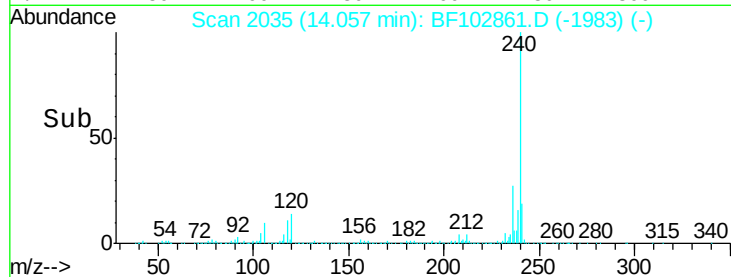
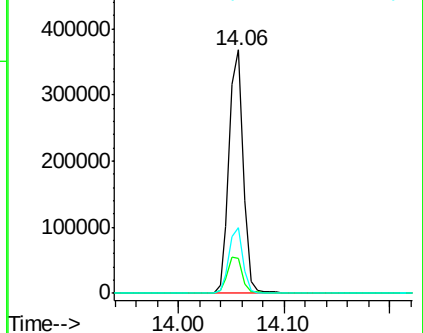
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 53.267 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102861.D

Acq: 8 Feb 2018 17:34

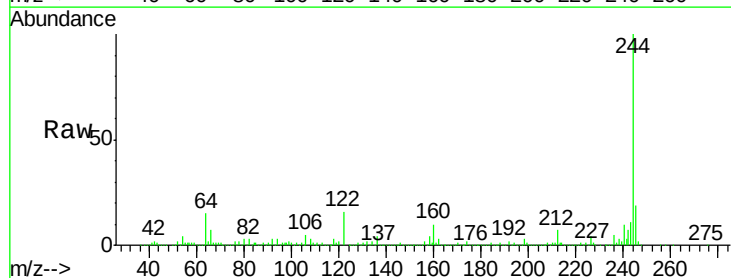
Tgt Ion:244 Resp: 776044

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

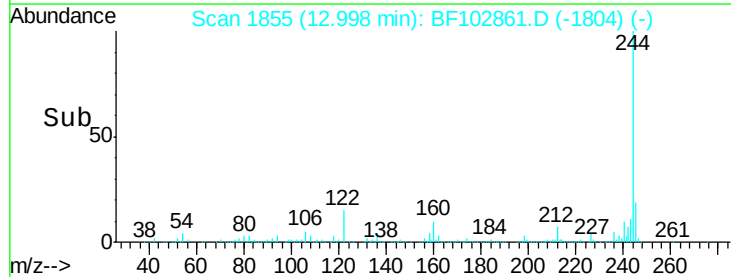
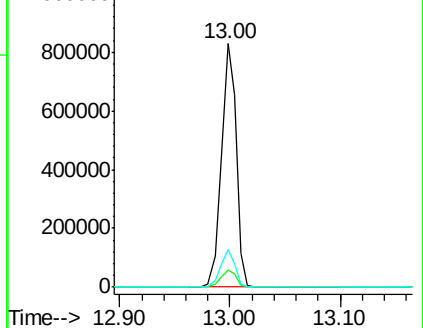
122 15.5 11.0 16.4

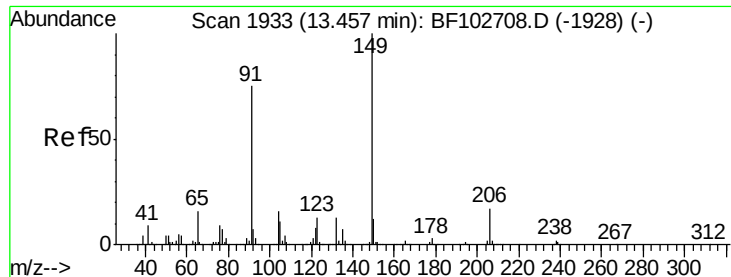


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

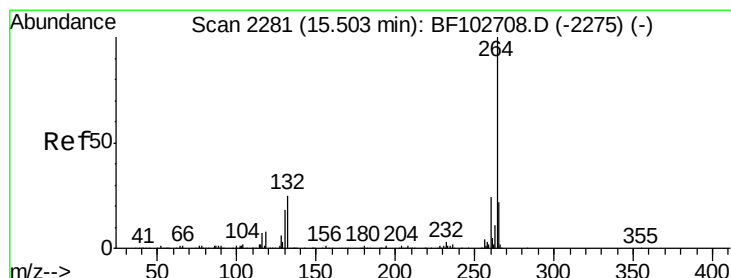
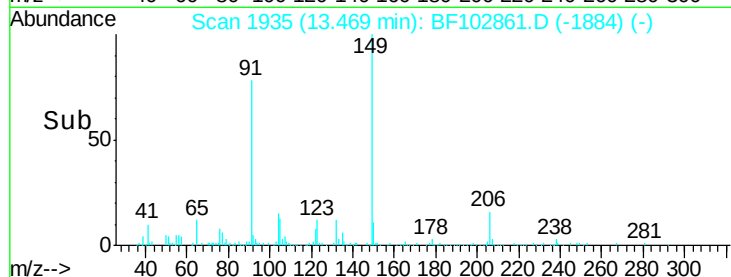
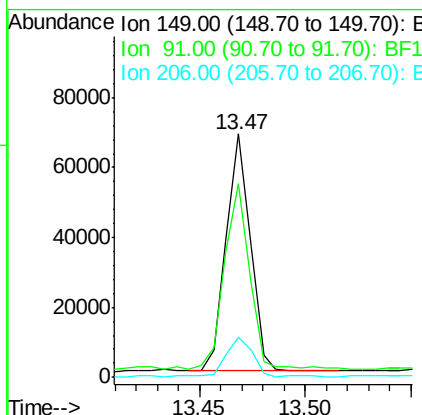
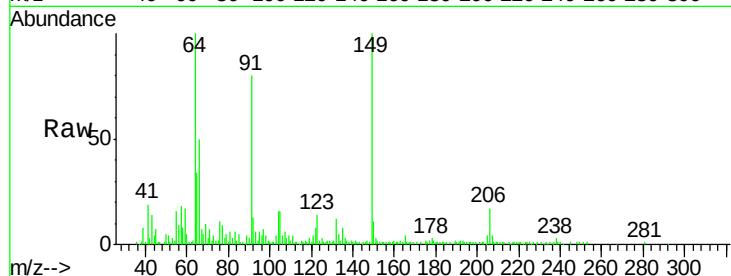




#79
Butylbenzylphthalate
Concen: 5.115 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 54074
Ion Ratio Lower Upper
149 100
91 79.8 56.8 85.2
206 16.6 14.1 21.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102861.D
Acq: 8 Feb 2018 17:34

Tgt Ion:264 Resp: 278805
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.2 17.5 26.3

