

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102724.D
 Acq On : 3 Feb 2018 18:30
 Operator : SJ/JU
 Sample : J1436-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 01:25:47 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	180762	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	723102	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	310244	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	447886	20.00	ng	0.00
75) Chrysene-d12	14.04	240	337116	20.00	ng	0.00
86) Perylene-d12	15.51	264	344484	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1293231	108.65	ng	0.01
7) Phenol-d6	6.50	99	1500586	104.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	885292	84.93	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	272535	109.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1529207	81.79	ng	0.00
78) Terphenyl-d14	12.99	244	1025340	72.02	ng	0.00

Target Compounds

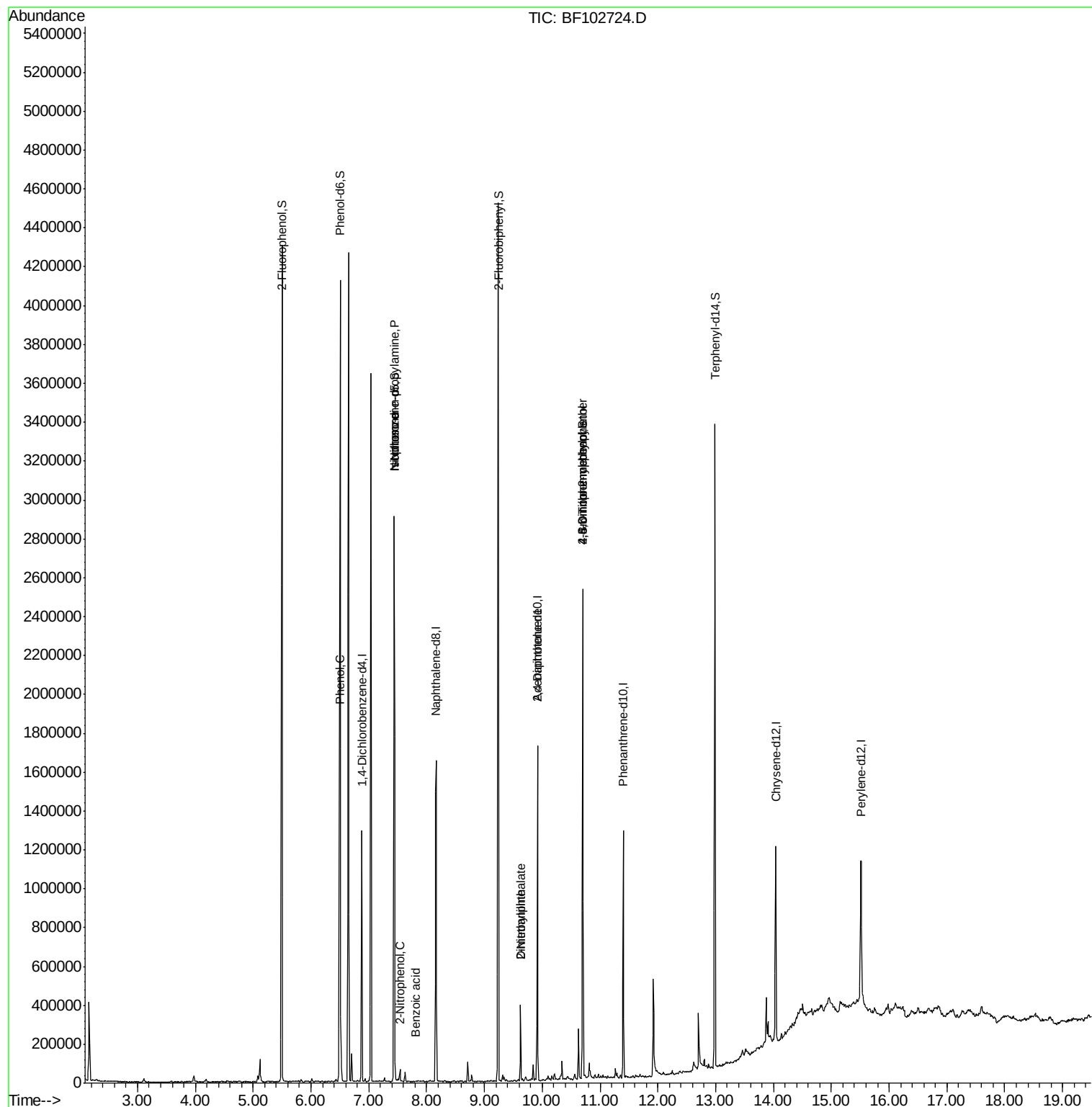
						Qvalue
10) Phenol	6.52	94	67521	4.396	ng	99
19) n-Nitroso-di-n-propylamine	7.44	70	118700	12.562	ng	# 82
25) Isophorone	7.44	82	885115	36.876	ng	# 64
26) 2-Nitrophenol	7.54	139	511	8.749	ng	# 34
32) Benzoic acid	7.82	122	115	8.558	ng	# 31
47) 2-Nitroaniline	9.63	65	1652	3.714	ng	# 1
49) Dimethylphthalate	9.63	163	147000	6.077	ng	100
56) 2,4-Dinitrotoluene	9.92	165	38696	8.943	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	590	9.085	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	18341	3.871	ng	# 1

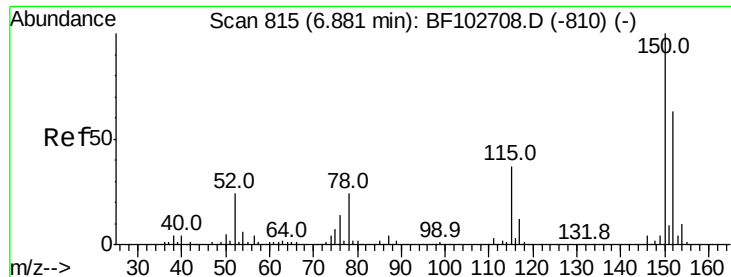
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102724.D
Acq On : 3 Feb 2018 18:30
Operator : SJ/JU
Sample : J1436-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 05 01:25:47 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 00:38:27 2018
Response via : Initial Calibration



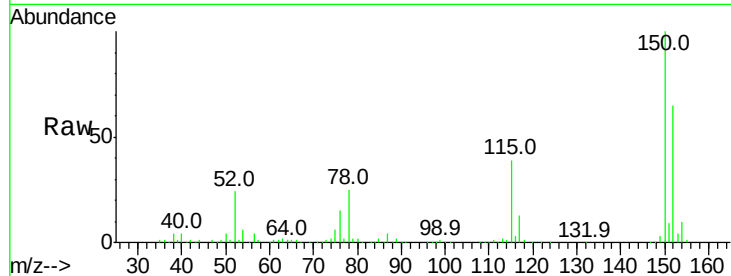


#1

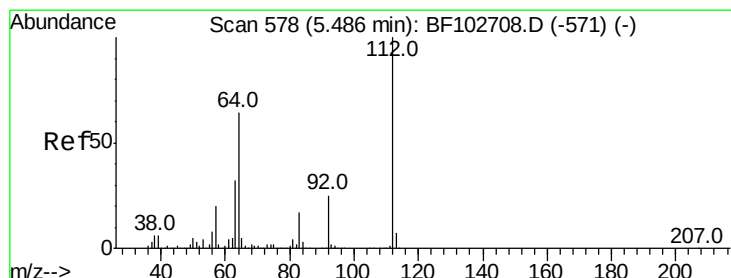
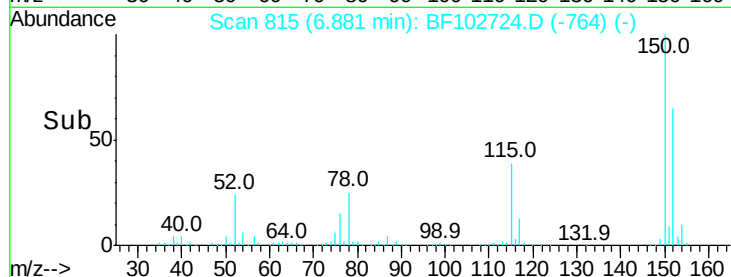
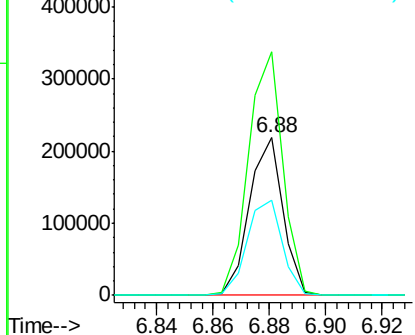
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 180762
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.7 50.1 75.1



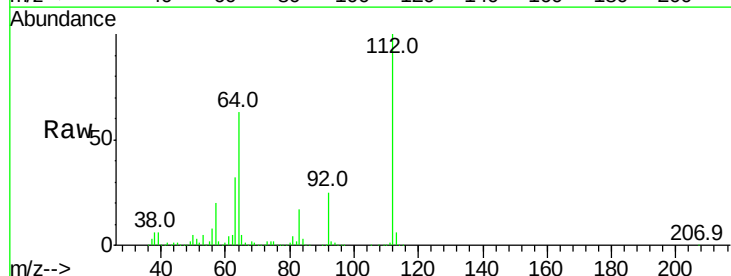
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



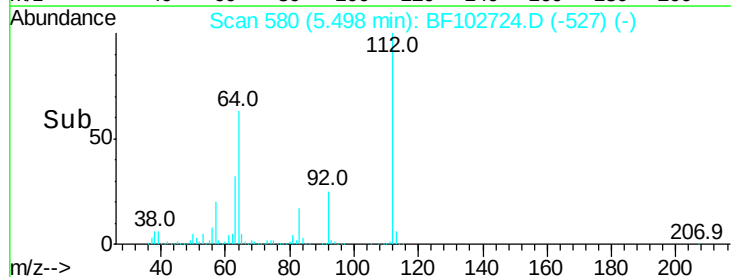
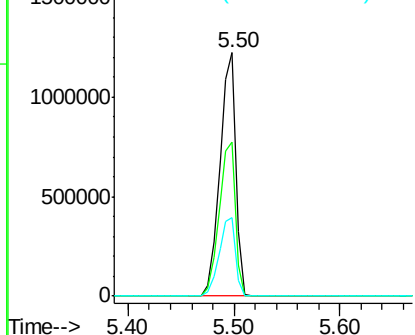
#5

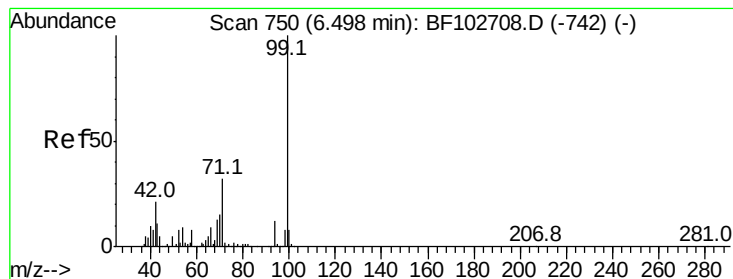
2-Fluorophenol
Concen: 108.650 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion:112 Resp: 1293231
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.2 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: 104.704 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampleId :

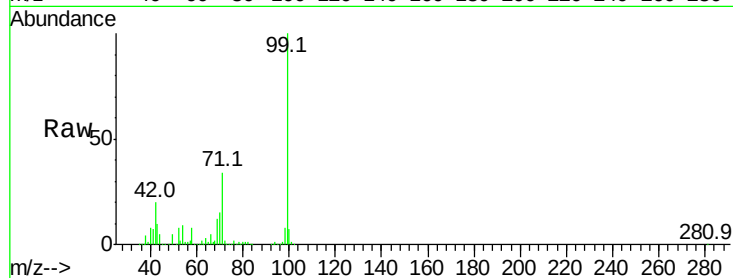
Tot Ion: 99 Resp: 1500586

Ion Ratio Lower Upper

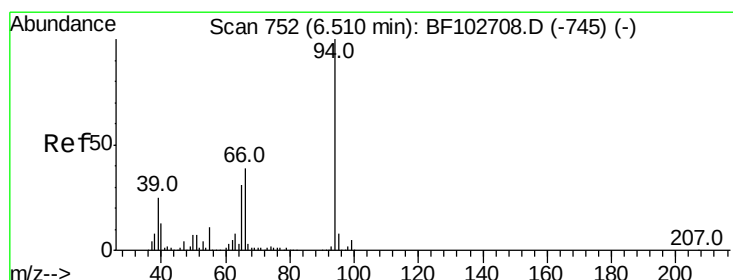
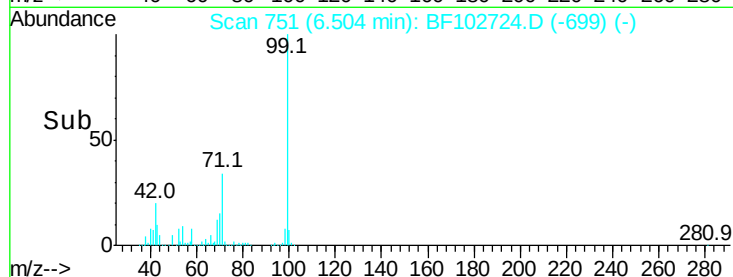
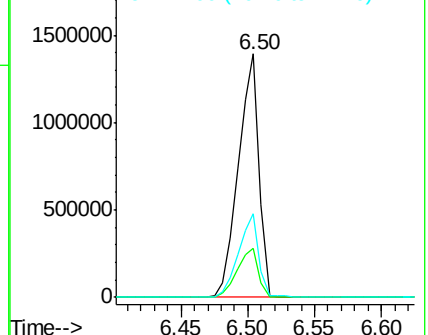
99 100

42 20.4 14.5 21.7

71 34.1 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: 4.396 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

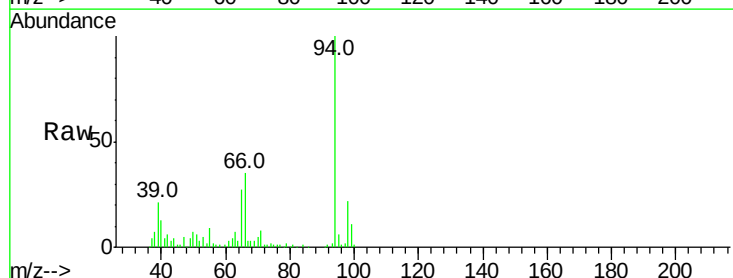
Tgt Ion: 94 Resp: 67521

Ion Ratio Lower Upper

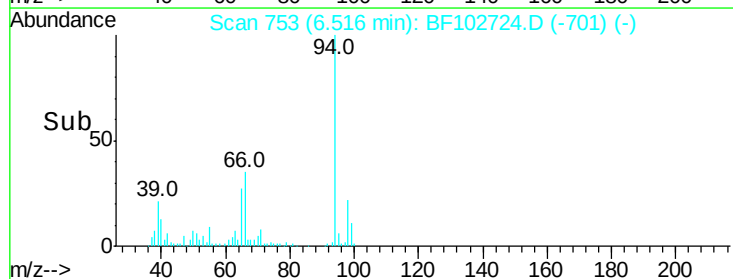
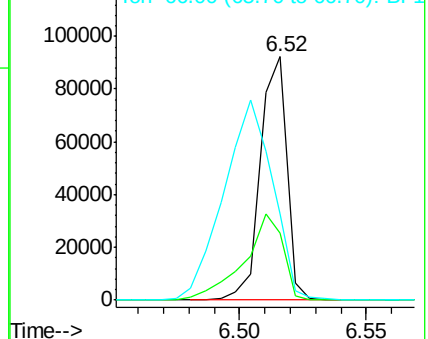
94 100

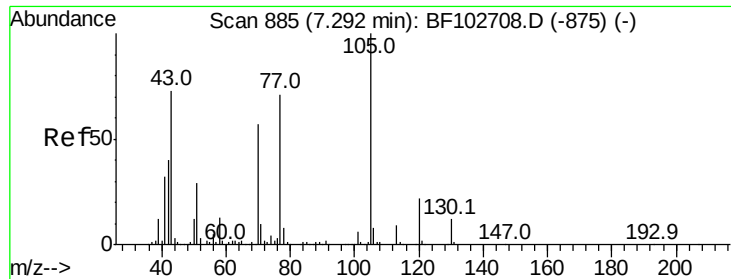
65 27.5 7.9 47.9

66 35.4 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

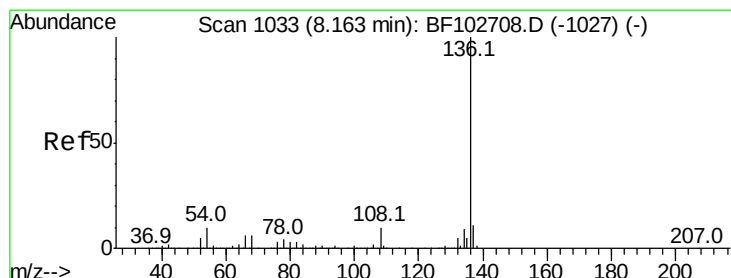
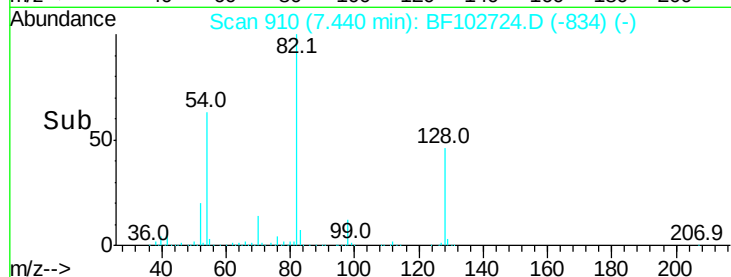
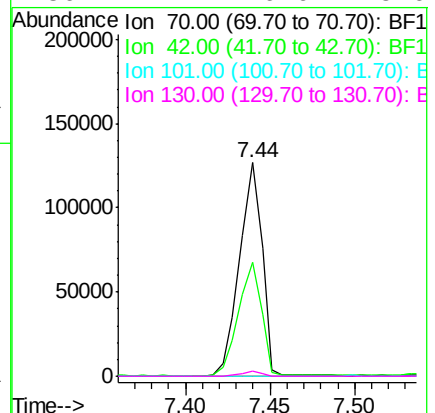
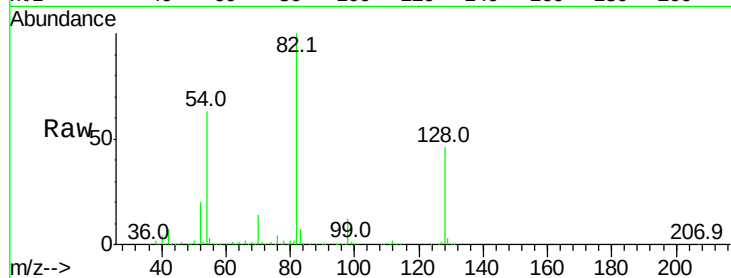




#19
n-Nitroso-di-n-propylamine
Concen: 12.562 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

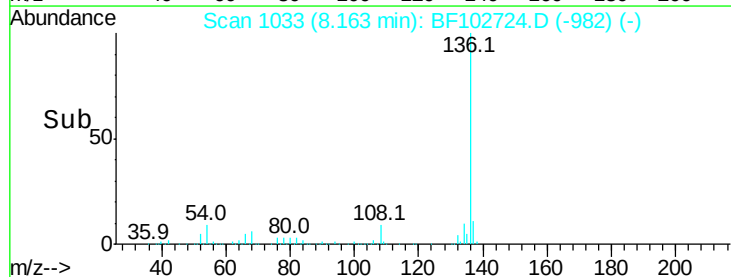
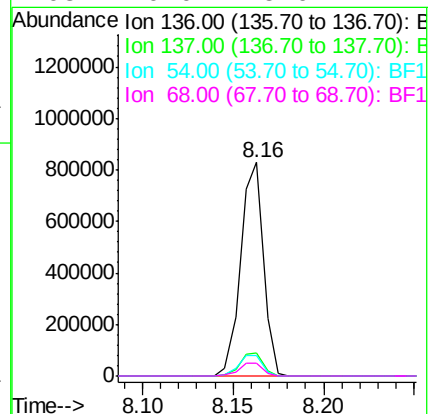
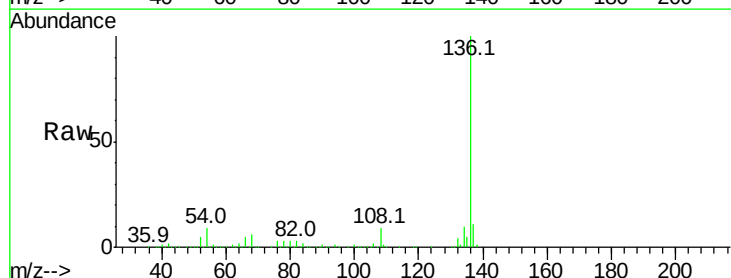
Instrument :
BNA_F
ClientSampleId :

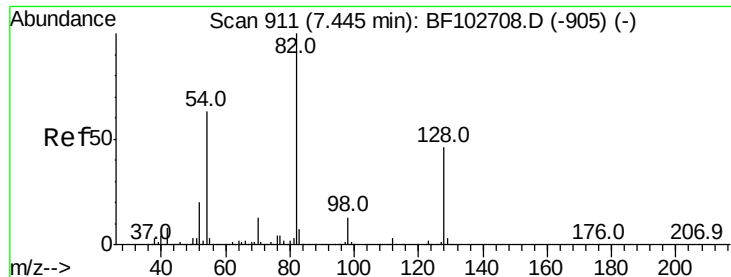
Tot Ion: 70 Resp: 118700
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion:136 Resp: 723102
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.930 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampleId :

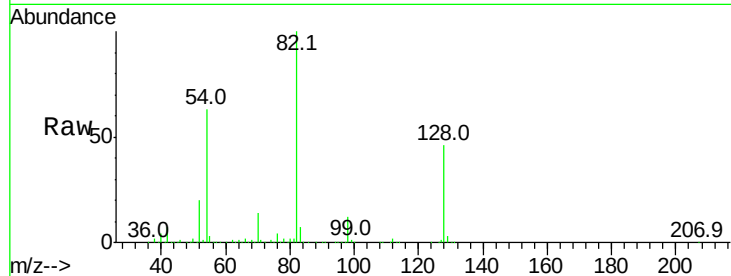
Tot Ion: 82 Resp: 885292

Ion Ratio Lower Upper

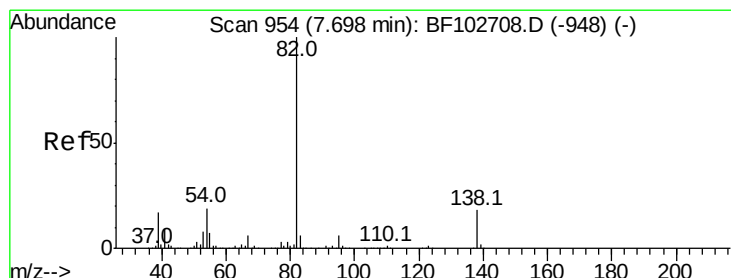
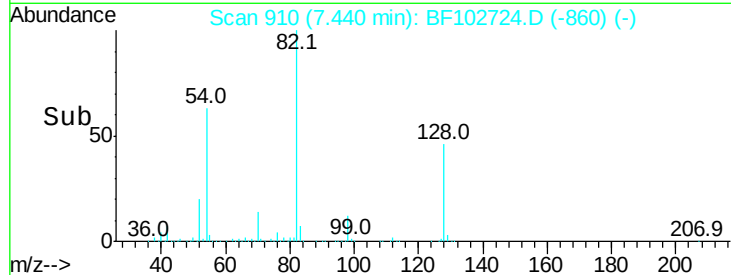
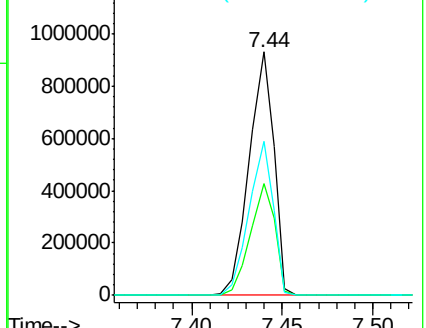
82 100

128 45.7 36.1 54.1

54 63.2 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: 36.876 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

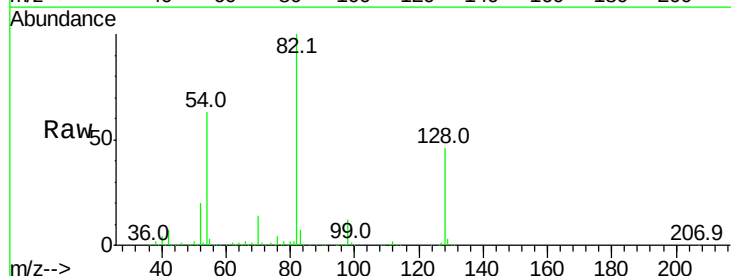
Tgt Ion: 82 Resp: 885115

Ion Ratio Lower Upper

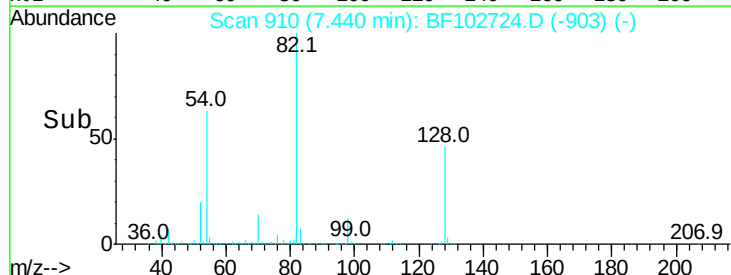
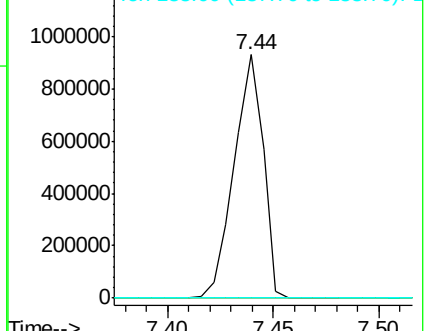
82 100

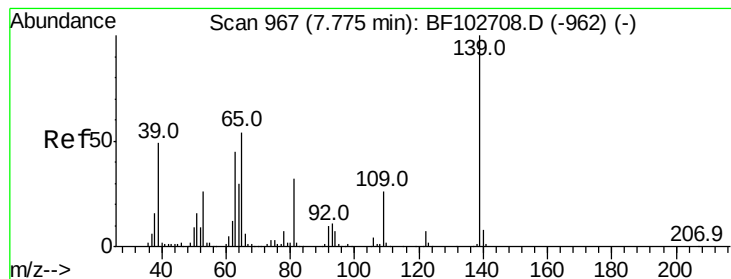
95 0.0 5.2 7.8#

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

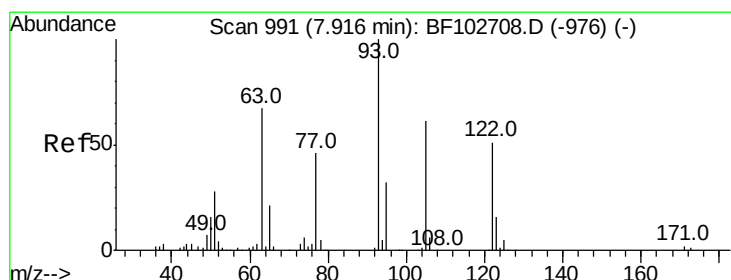
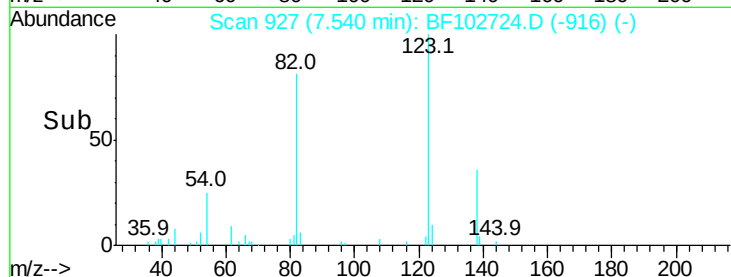
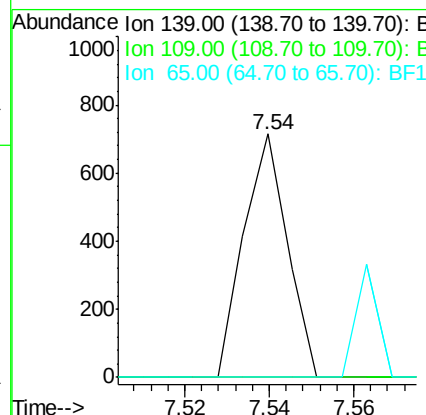
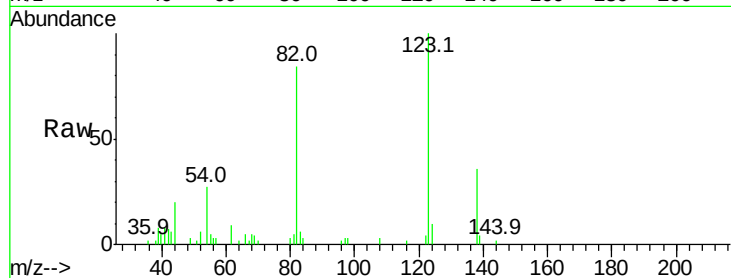




#26
2-Nitrophenol
Concen: 8.749 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.23 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

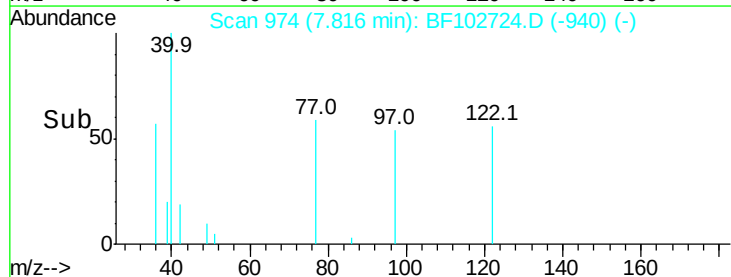
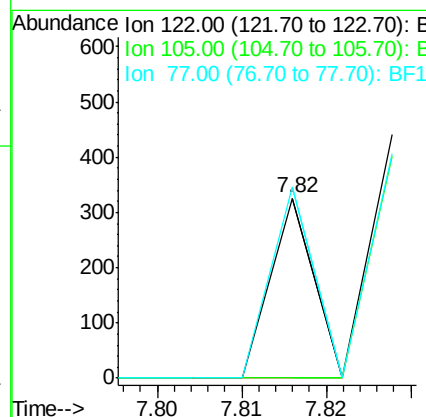
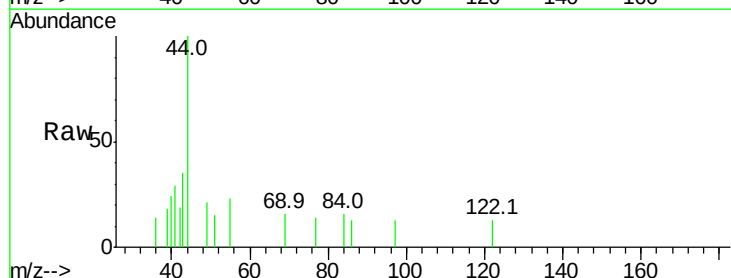
Instrument :
BNA_F
ClientSampled :

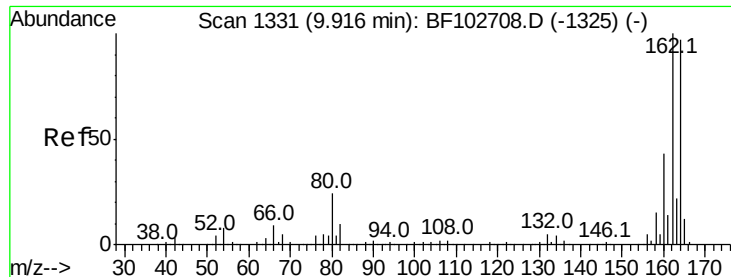
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#



#32
Benzoic acid
Concen: 8.558 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.10 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	105.8	70.7	110.7

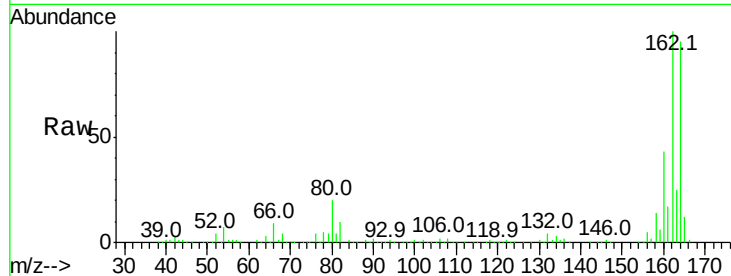




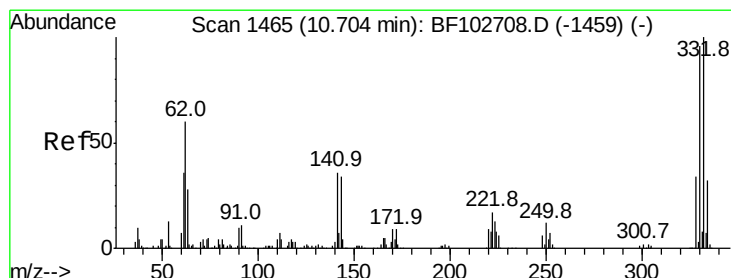
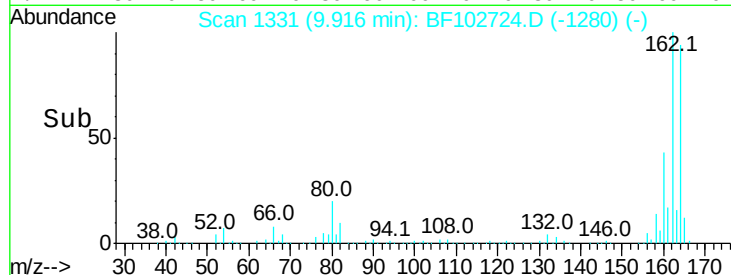
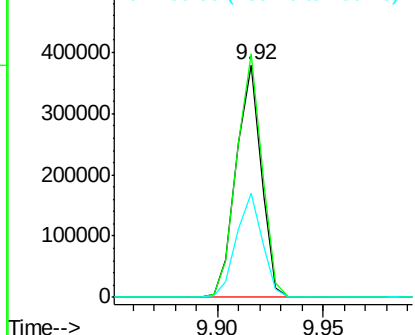
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 310244
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 44.7 38.3 57.5

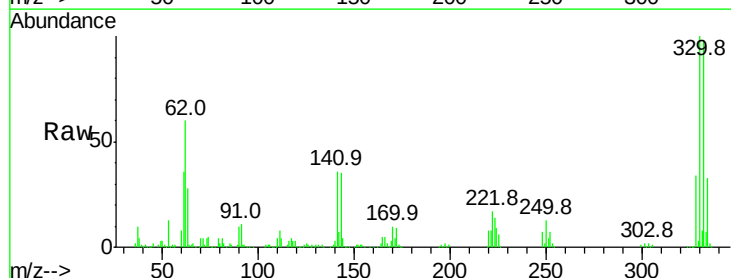


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

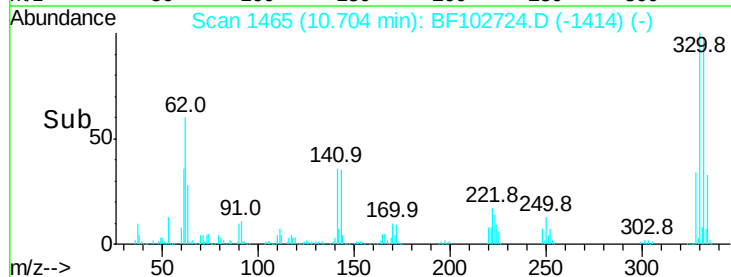
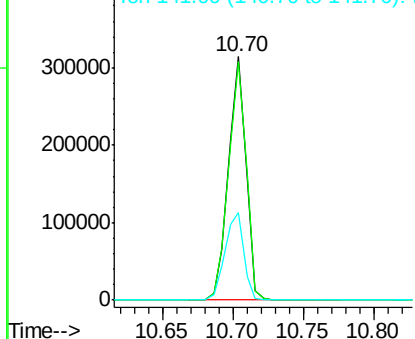


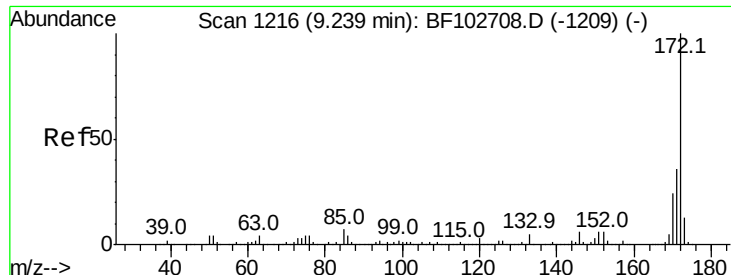
#41
2,4,6-Tribromophenol
Concen: 109.141 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion:330 Resp: 272535
Ion Ratio Lower Upper
330 100
332 99.5 77.0 115.6
141 38.3 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



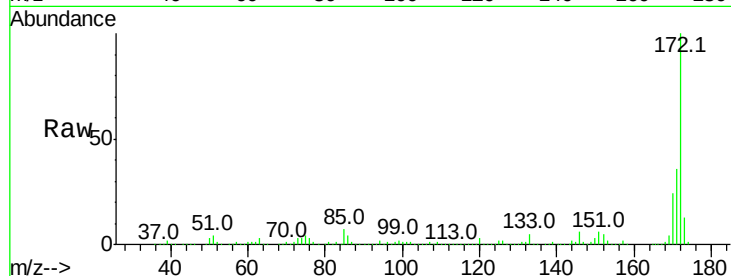


#44
 2-Fluorobiphenyl
 Concen: 81.790 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF102724.D
 Acq: 3 Feb 2018 18:30

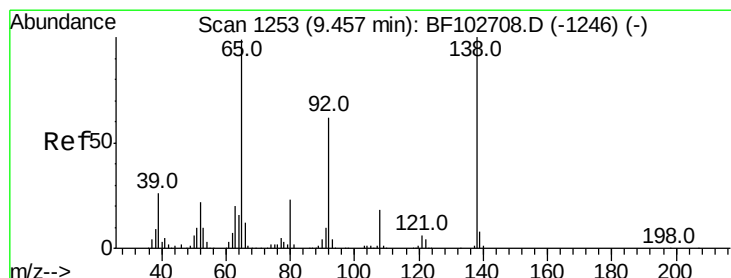
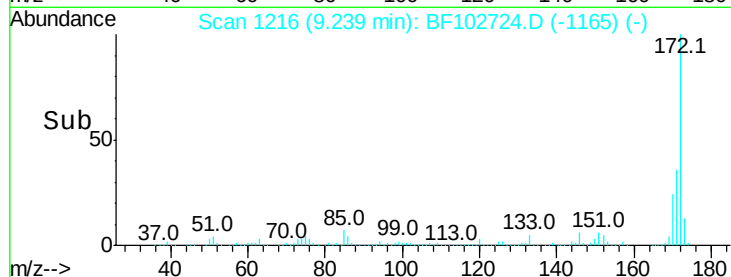
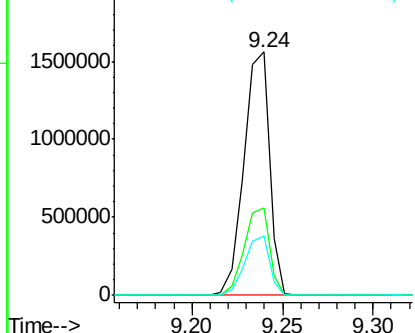
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1529207

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4



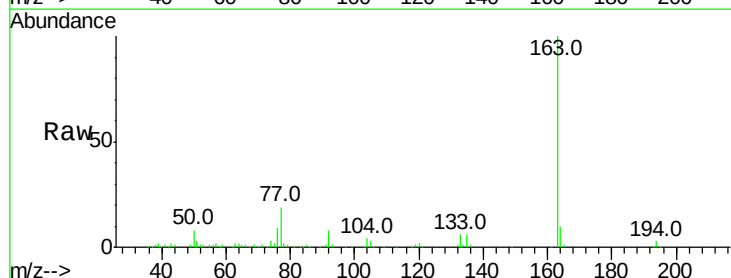
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



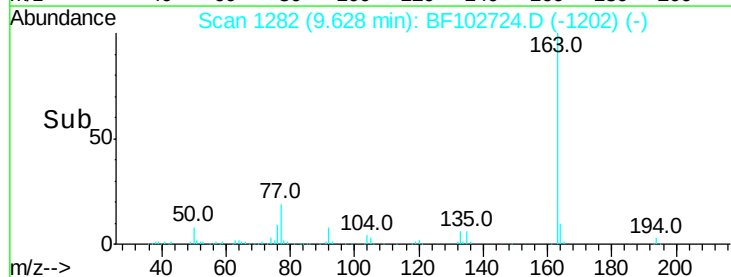
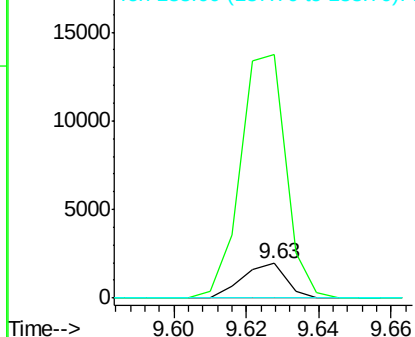
#47
 2-Nitroaniline
 Concen: 3.714 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.17 min
 Lab File: BF102724.D
 Acq: 3 Feb 2018 18:30

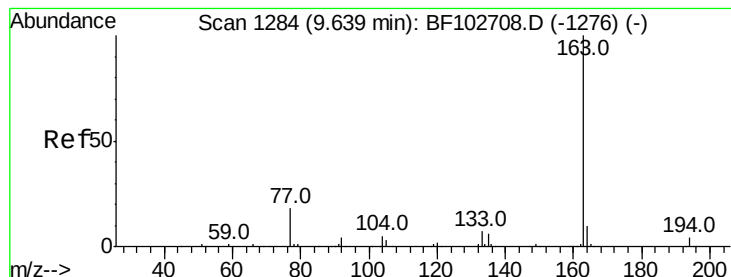
Tgt Ion: 65 Resp: 1652

Ion	Ratio	Lower	Upper
65	100		
92	697.6	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: 6.077 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampled :

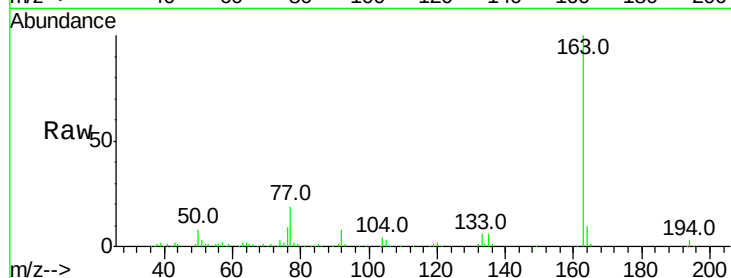
Tot Ion:163 Resp: 147000

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

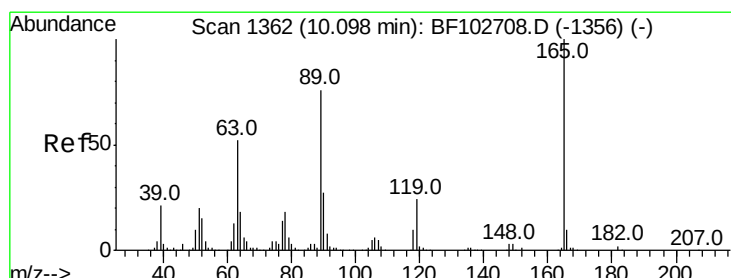
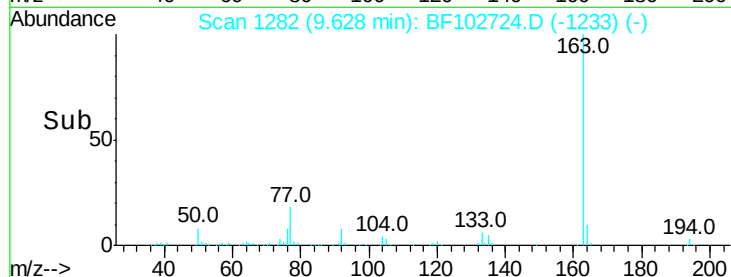
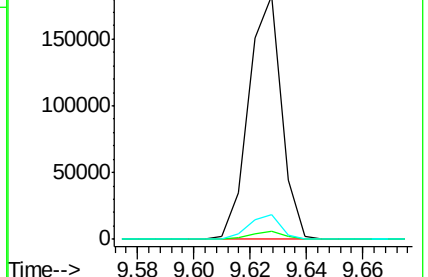
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 8.943 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.18 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Tgt Ion:165 Resp: 38696

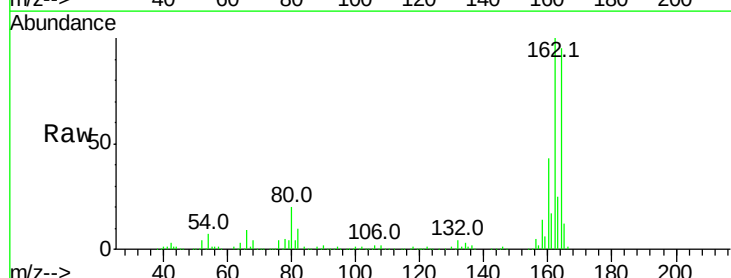
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

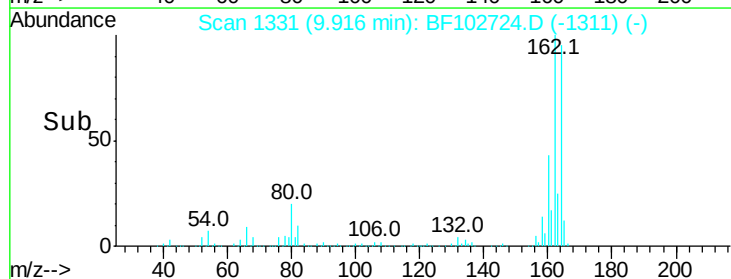
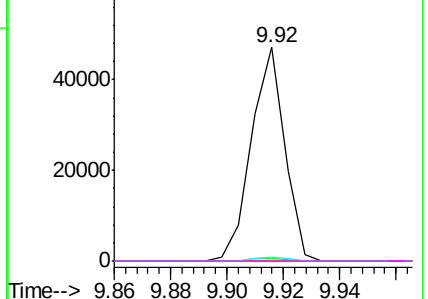


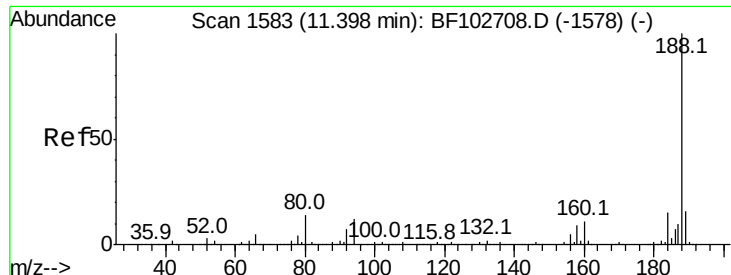
Abundance Ion 165.00 (164.70 to 165.70): E

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

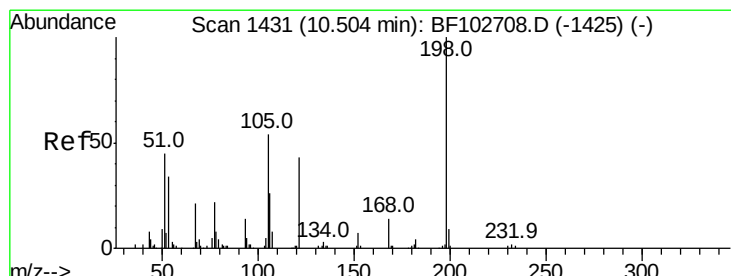
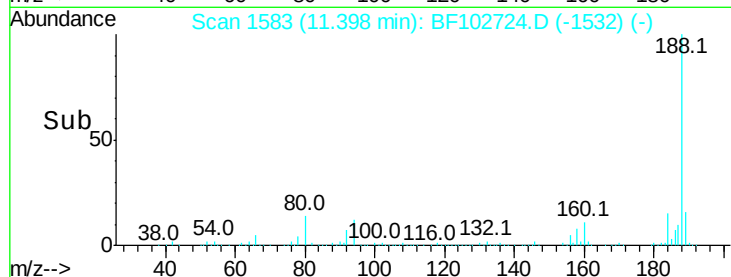
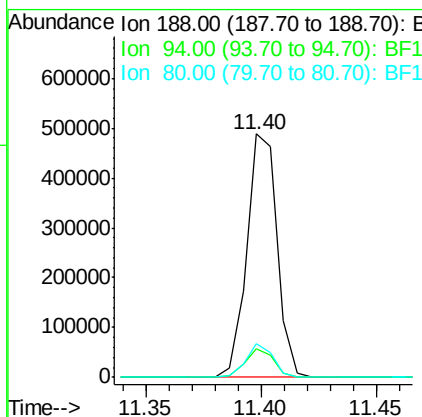
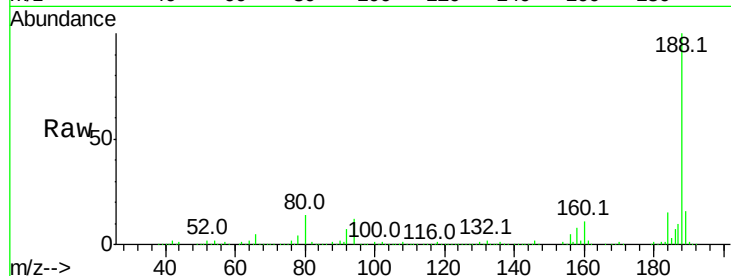




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102724.D
 Acq: 3 Feb 2018 18:30

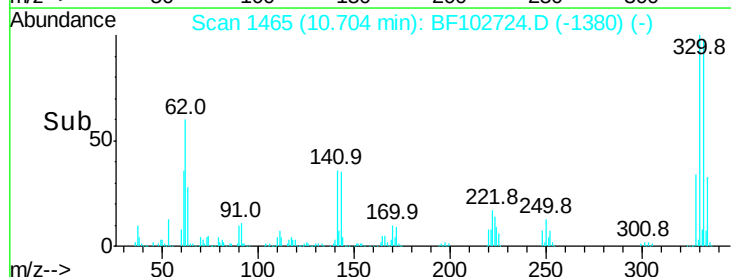
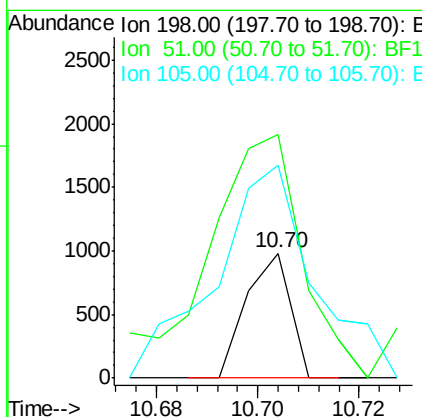
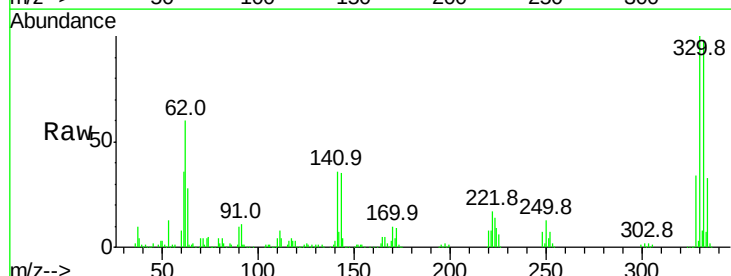
Instrument :
 BNA_F
 ClientSampleId :

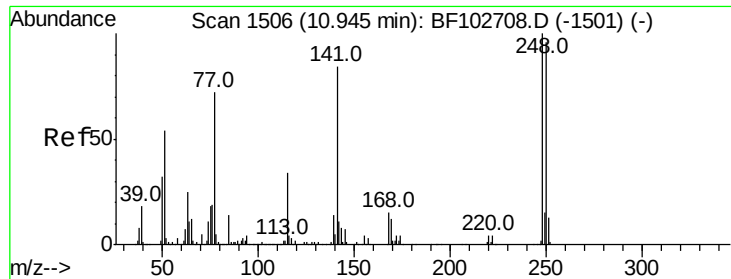
Tot Ion:188 Resp: 447886
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 13.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.085 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.20 min
 Lab File: BF102724.D
 Acq: 3 Feb 2018 18:30

Tgt Ion:198 Resp: 590
 Ion Ratio Lower Upper
 198 100
 51 195.1 37.7 77.7#
 105 170.5 36.3 76.3#

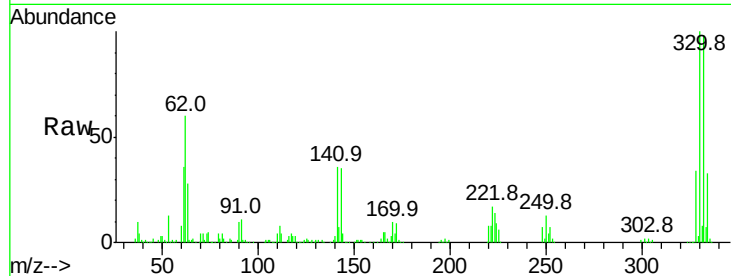




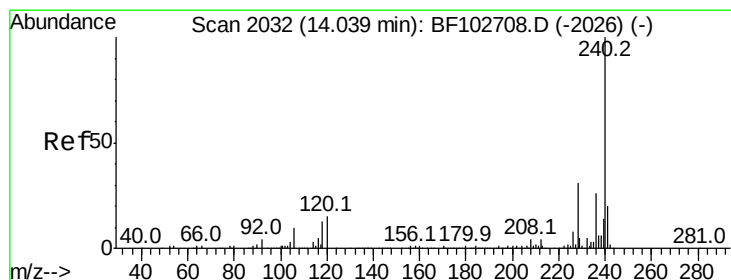
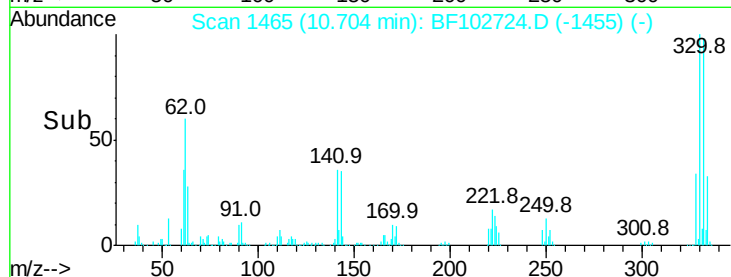
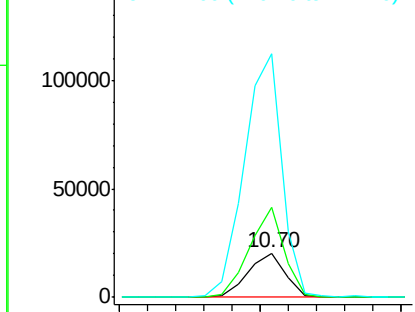
#66
4-Bromophenyl-phenylether
Concen: 3.871 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18341
Ion Ratio Lower Upper
248 100
250 201.9 76.9 115.3#
141 548.7 74.4 111.6#

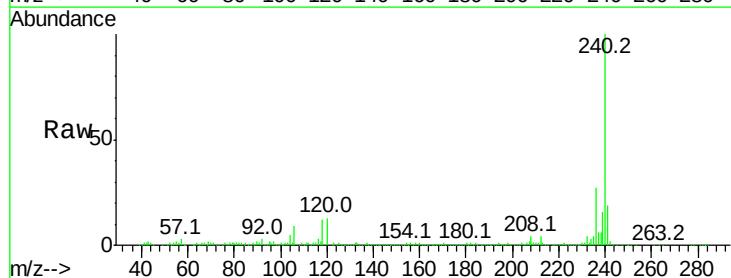


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

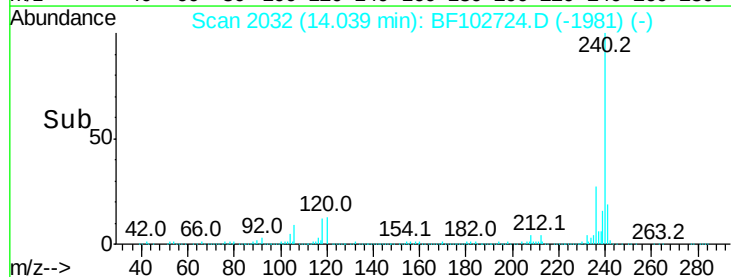
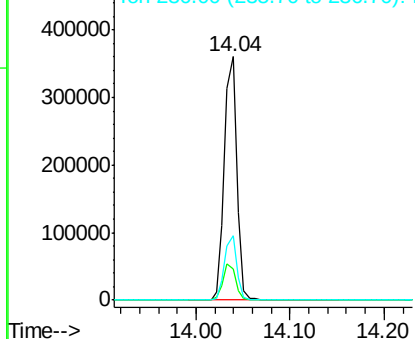


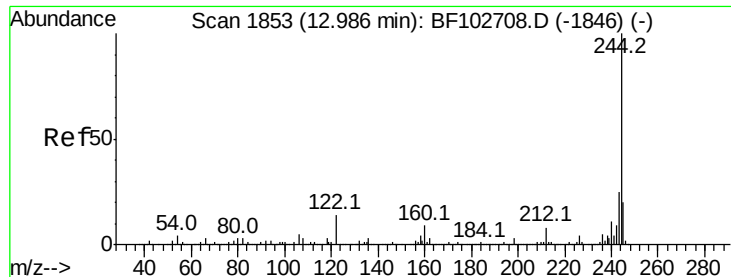
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion:240 Resp: 337116
Ion Ratio Lower Upper
240 100
120 12.9 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





#78

Terphenyl-d14

Concen: 72.016 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampled :

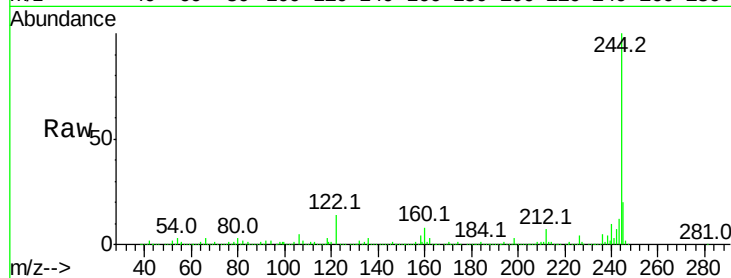
Tot Ion:244 Resp: 1025340

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

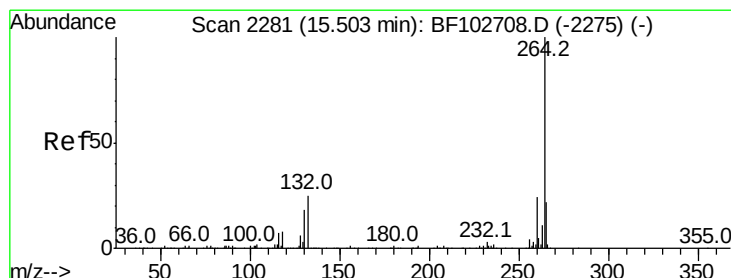
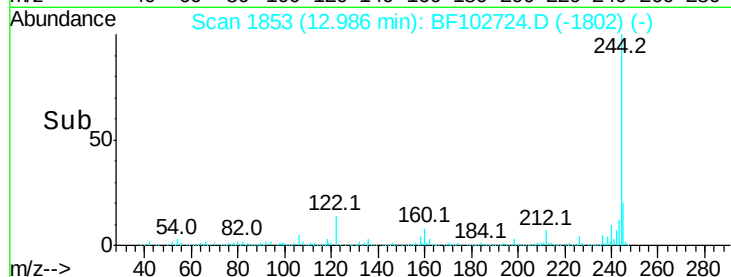
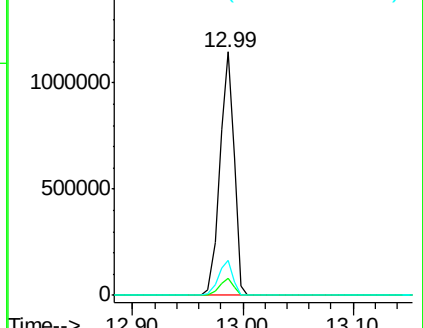
122 14.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

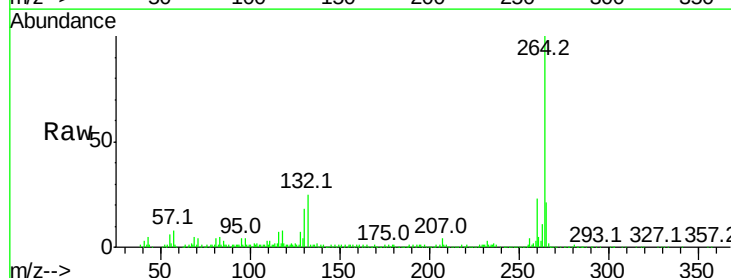
Tgt Ion:264 Resp: 344484

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

