

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103542.D
 Acq On : 9 Mar 2018 3:51
 Operator : SJ/JU
 Sample : J1817-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 05:31:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

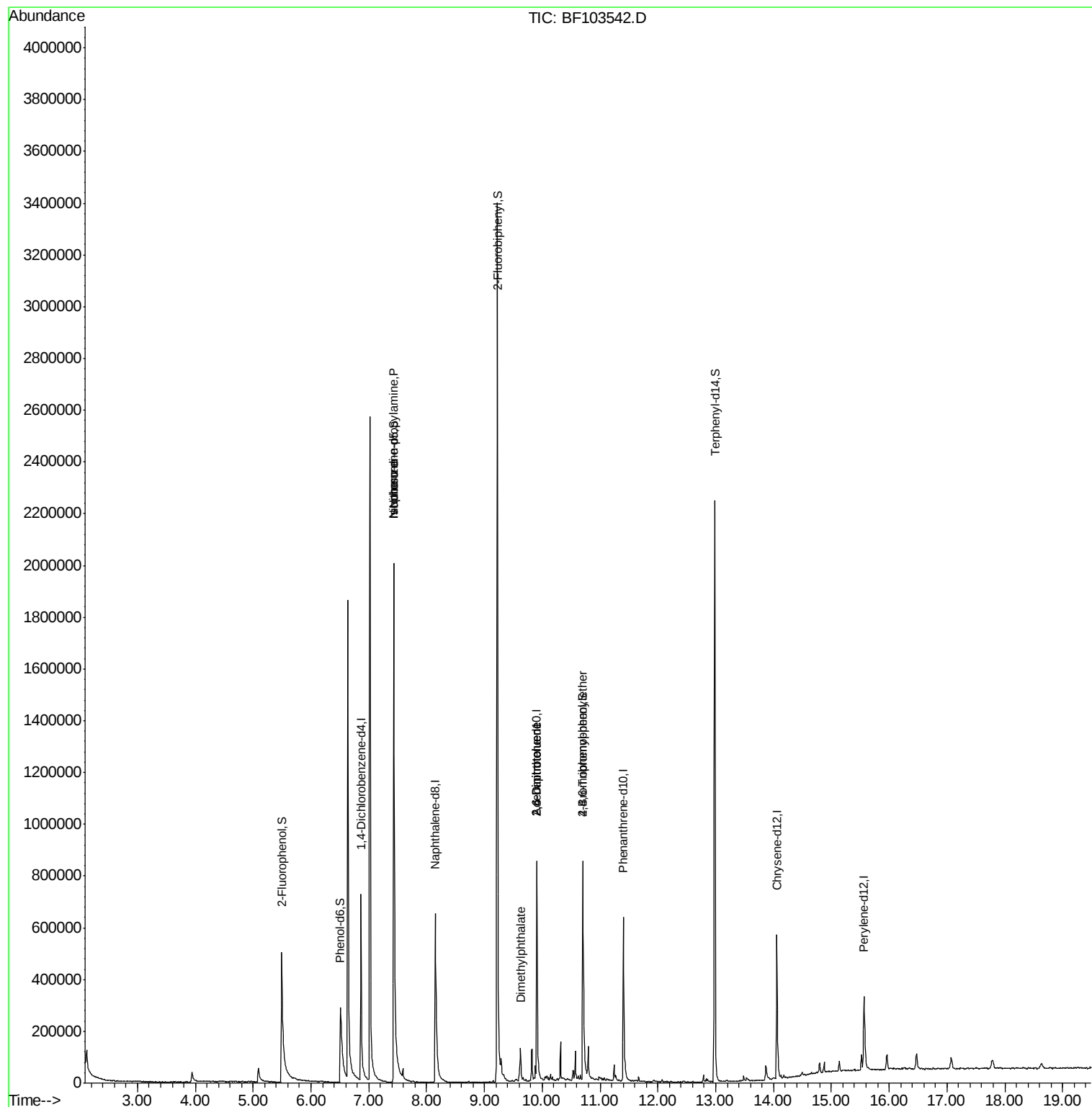
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138607	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	567435	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	216258	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	332063	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233906	20.00	ng	0.00
86) Perylene-d12	15.57	264	172170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	325068	35.47	ng	0.00
7) Phenol-d6	6.51	99	274655	24.49	ng	0.00
23) Nitrobenzene-d5	7.43	82	951138	95.73	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	116378	63.58	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1295021	110.83	ng	0.00
78) Terphenyl-d14	12.99	244	848620	87.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	121943	17.472	ng	# 83
25) Isophorone	7.43	82	952219	48.659	ng	# 64
49) Dimethylphthalate	9.62	163	65986	3.804	ng	# 99
50) 2,6-Dinitrotoluene	9.90	165	26825	7.368	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	26825	5.826	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	9028	2.610	ng	# 1

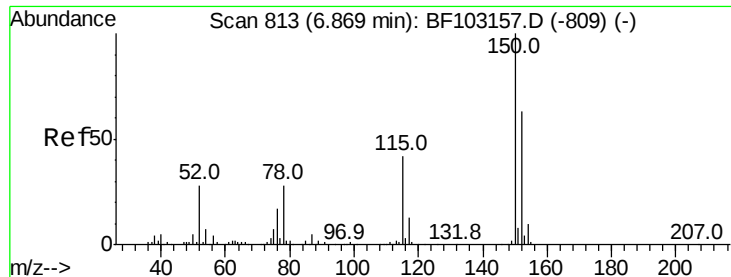
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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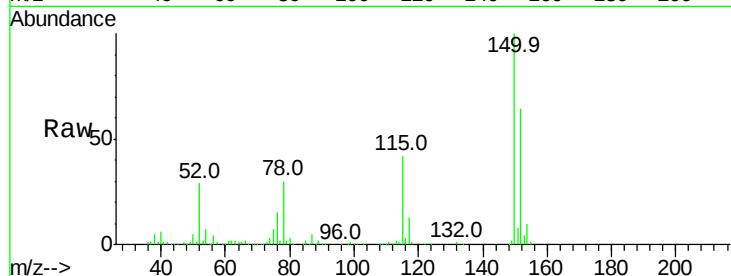


#1

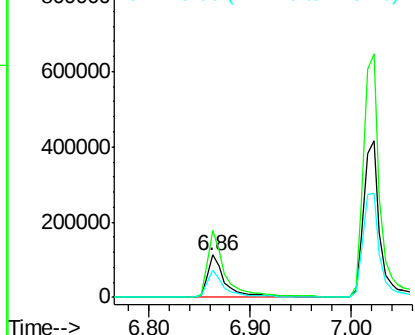
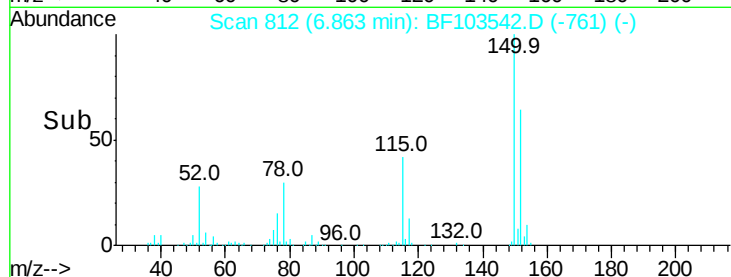
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103542.D
Acq: 9 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138607
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.3 50.1 75.1



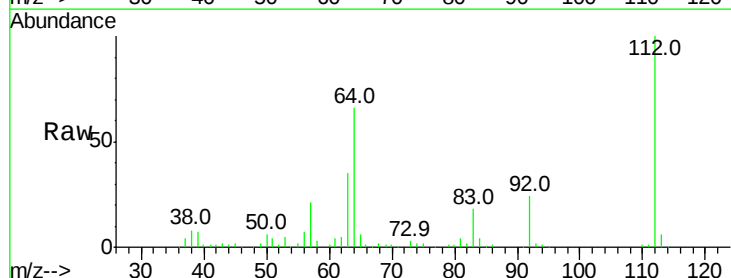
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



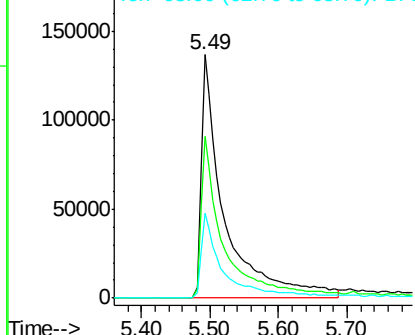
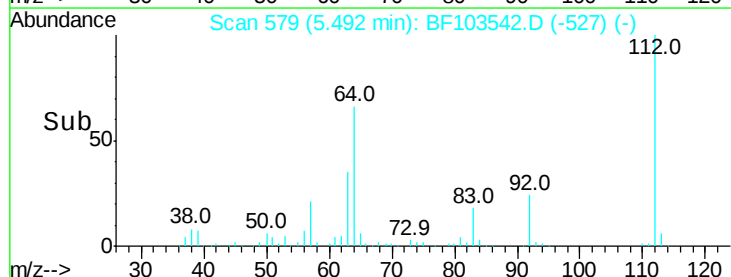
#5

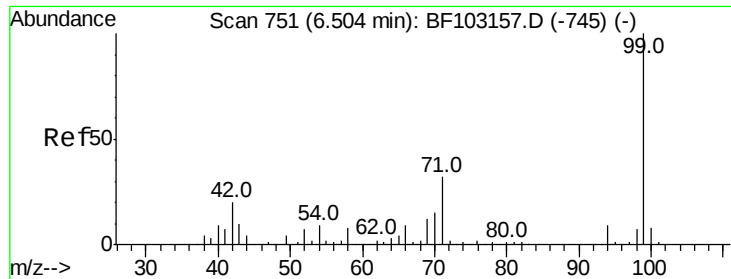
2-Fluorophenol
Concen: 35.470 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103542.D
Acq: 9 Mar 2018 3:51

Tgt Ion:112 Resp: 325068
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 34.8 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: 24.492 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

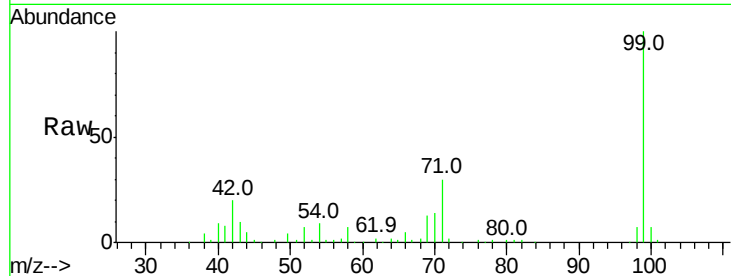
Tot Ion: 99 Resp: 274655

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 29.9 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

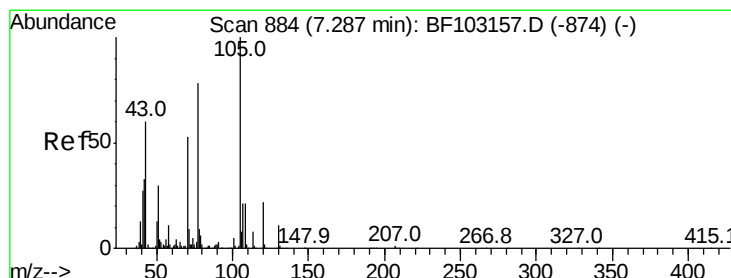
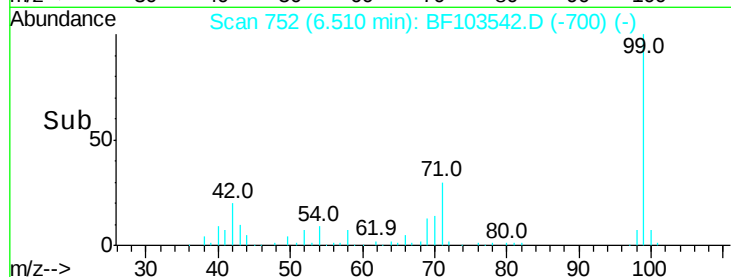
6.51

100000

50000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.472 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

Tgt Ion: 70 Resp: 121943

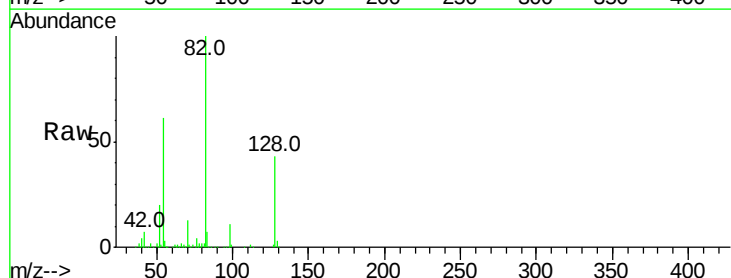
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 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

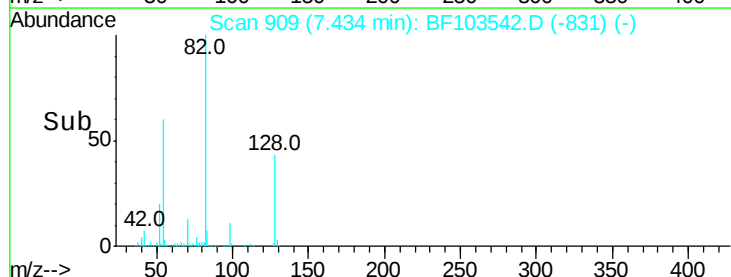
7.43

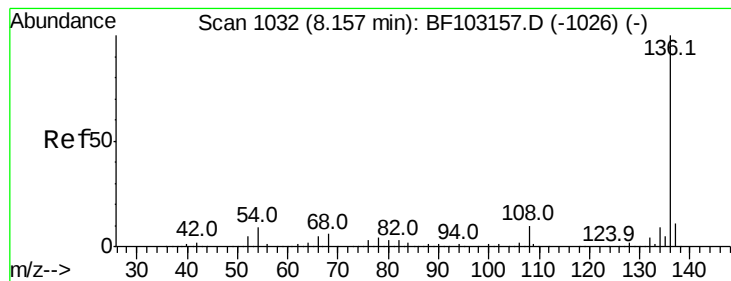
100000

50000

0

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 567435

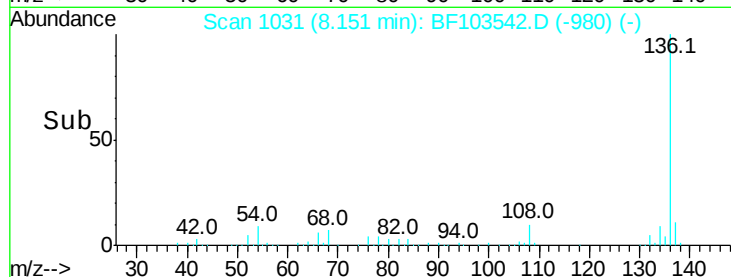
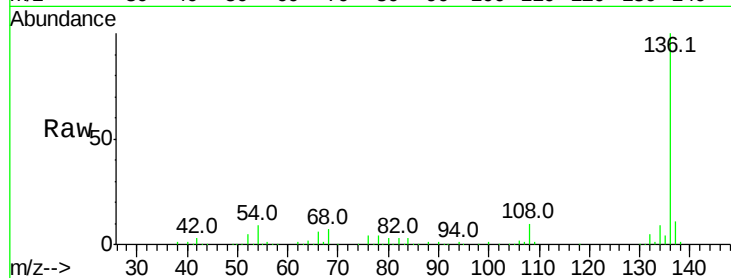
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4

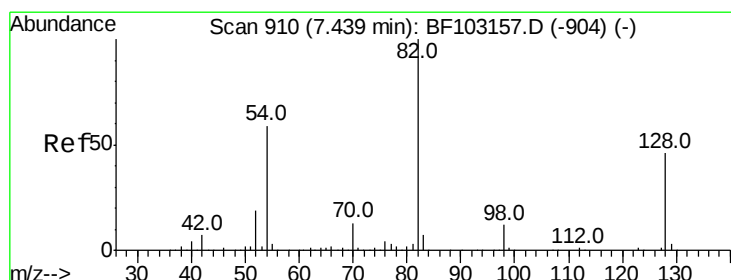
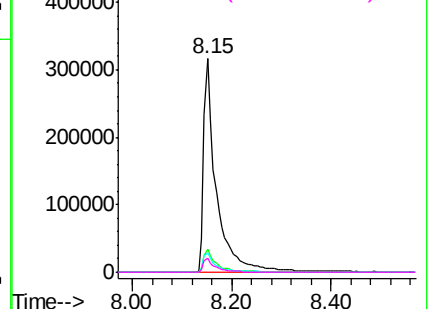


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 95.726 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

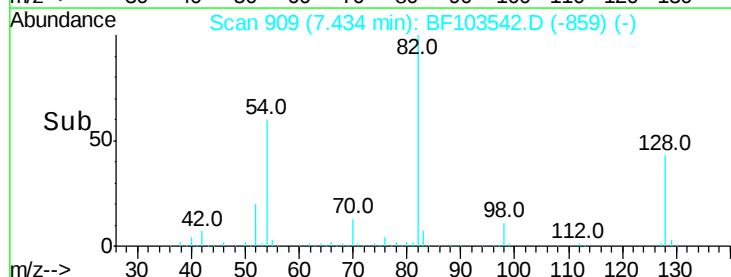
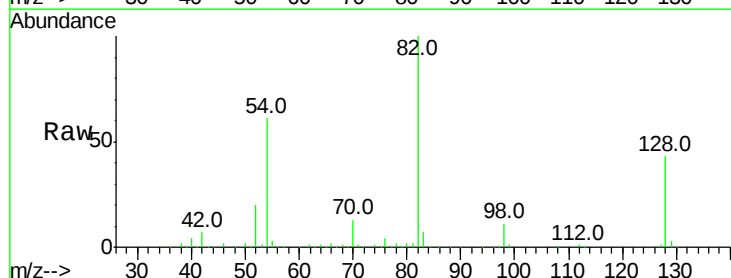
Tgt Ion: 82 Resp: 951138

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

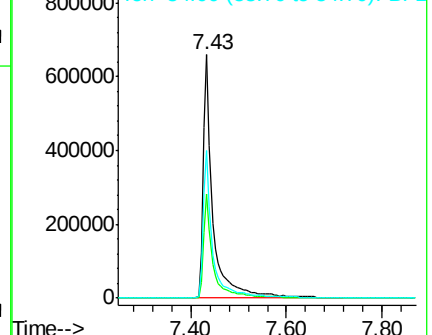
54 60.5 41.4 62.2

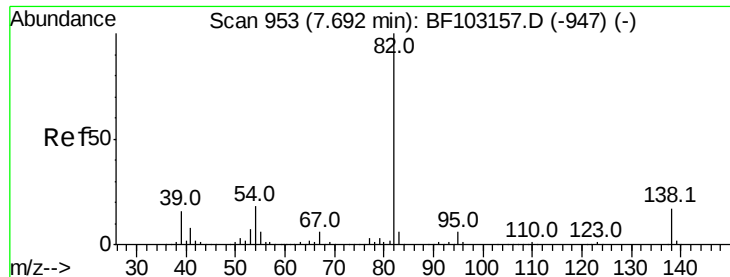


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.659 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

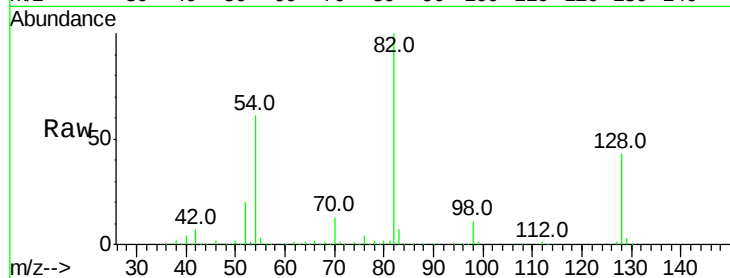
Tot Ion: 82 Resp: 952219

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

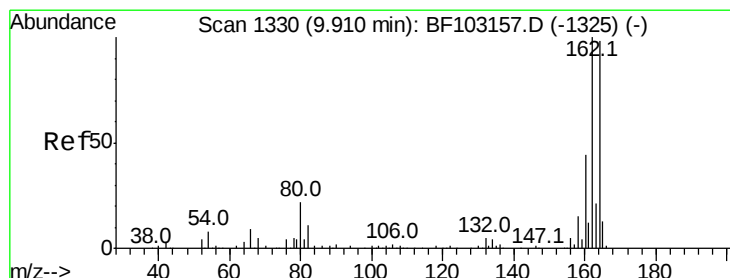
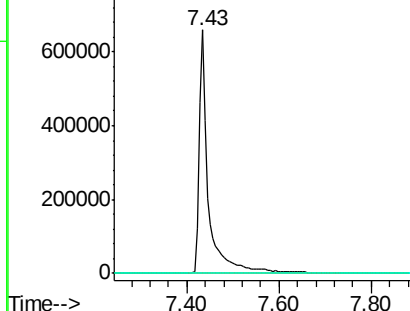
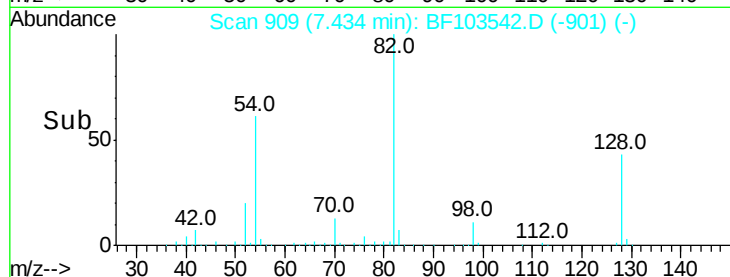
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

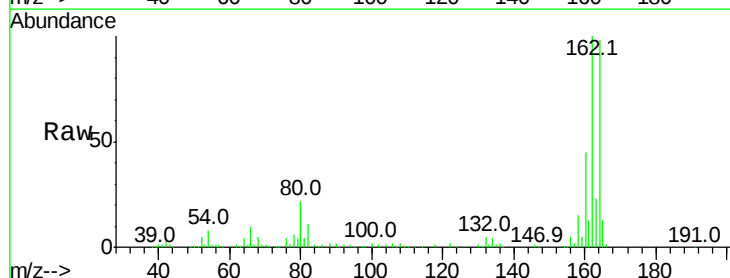
Tgt Ion:164 Resp: 216258

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

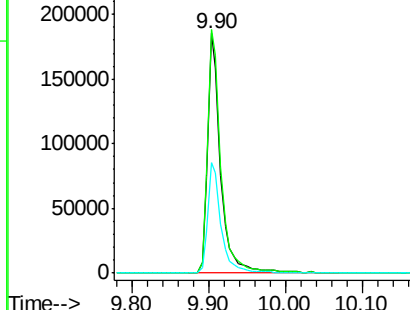
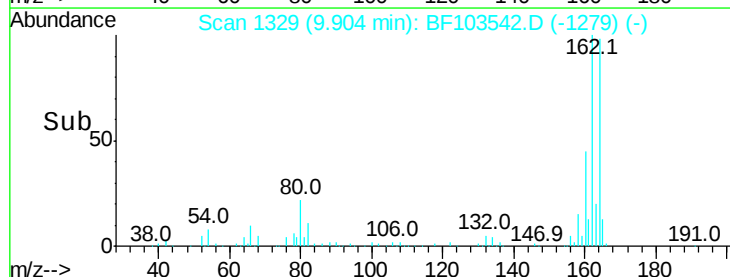
160 46.1 38.3 57.5



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

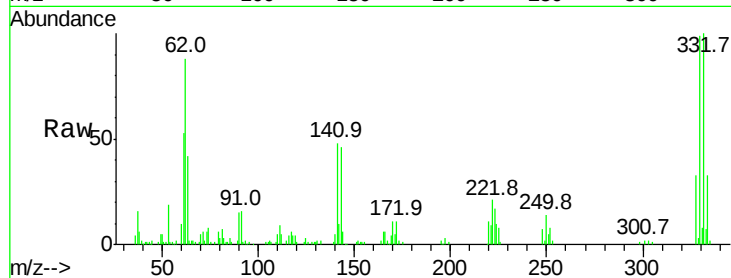




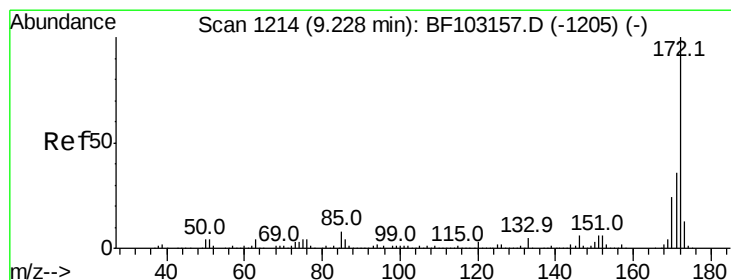
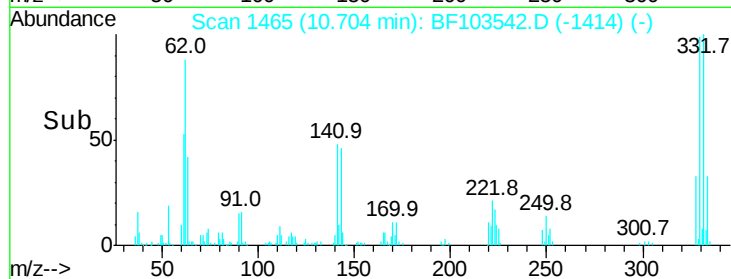
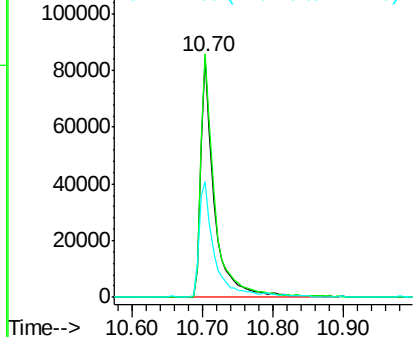
#41
 2,4,6-Tribromophenol
 Concen: 63.577 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103542.D
 Acq: 9 Mar 2018 3:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 116378
 Ion Ratio Lower Upper
 330 100
 332 104.0 77.0 115.6
 141 55.0 29.9 44.9#

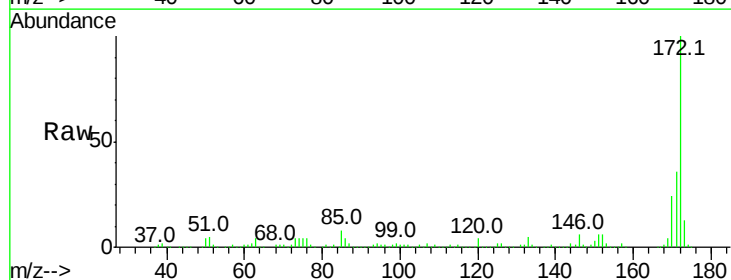


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

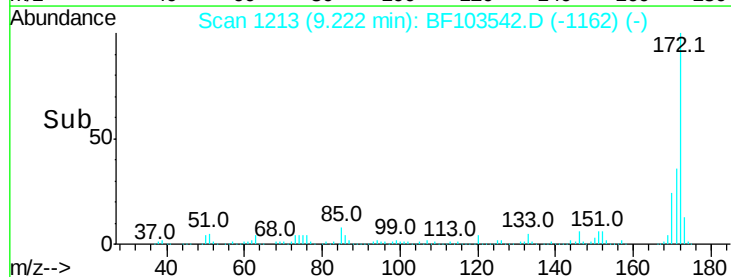
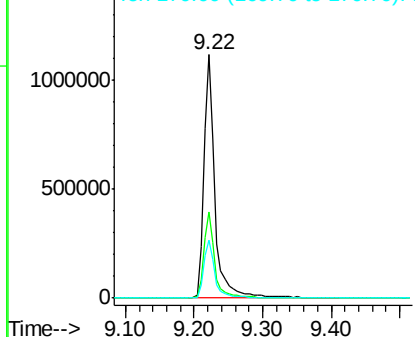


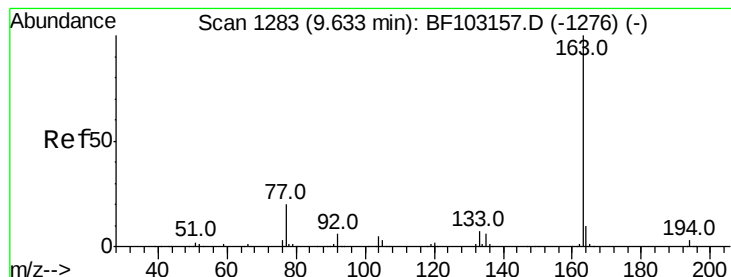
#44
 2-Fluorobiphenyl
 Concen: 110.831 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103542.D
 Acq: 9 Mar 2018 3:51

Tgt Ion:172 Resp: 1295021
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.8 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





#49

Dimethylphthalate

Concen: 3.804 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

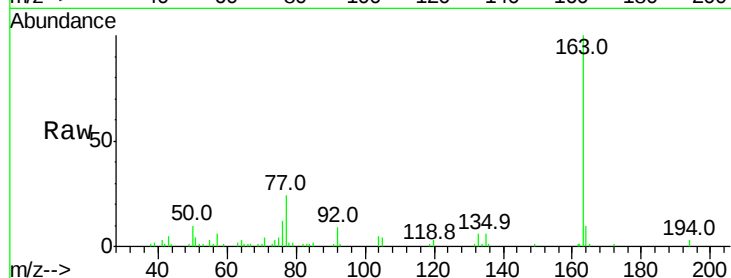
Tot Ion:163 Resp: 65986

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

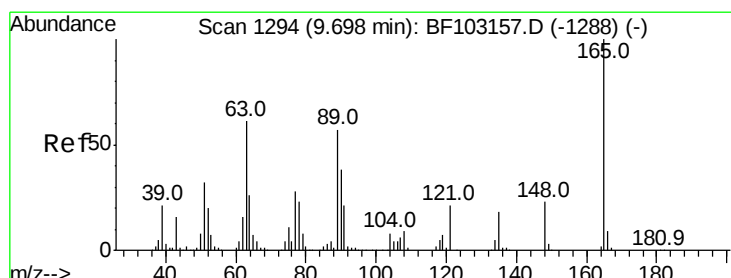
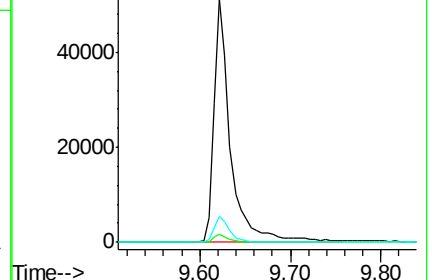
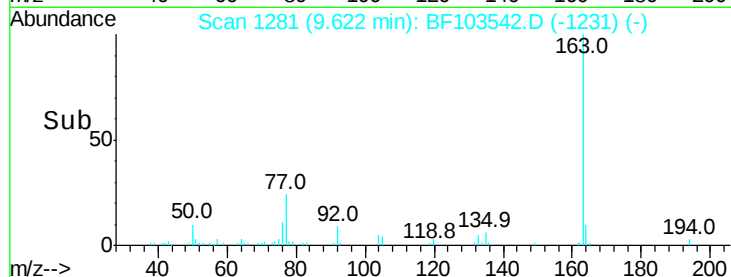
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.368 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.20 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

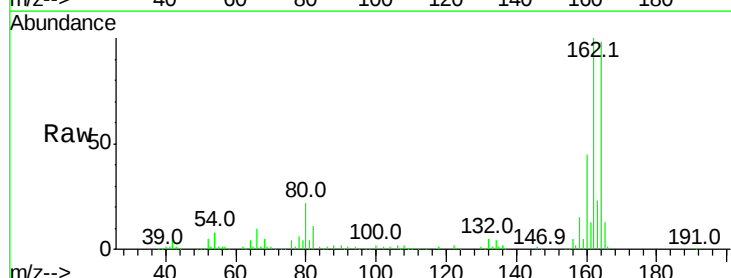
Tgt Ion:165 Resp: 26825

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

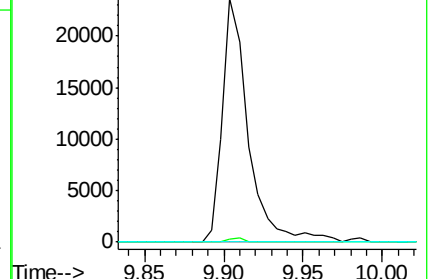
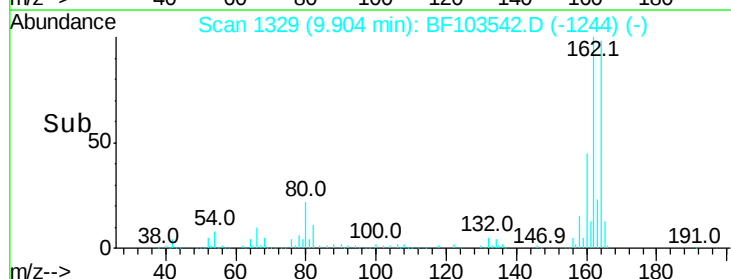
89 0.0 44.0 66.0#

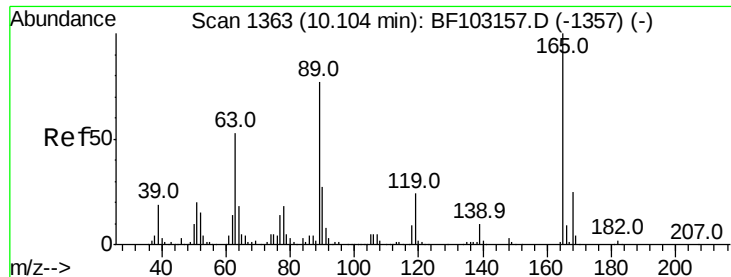


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

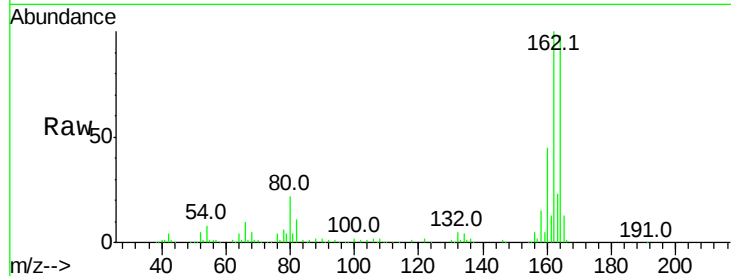




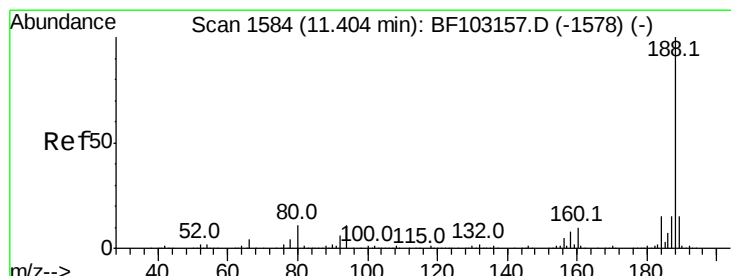
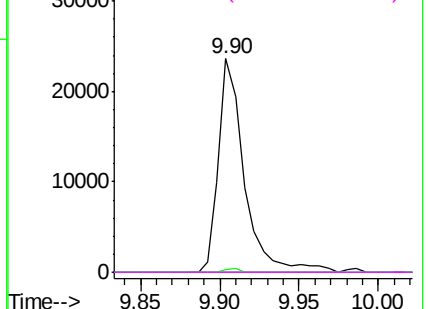
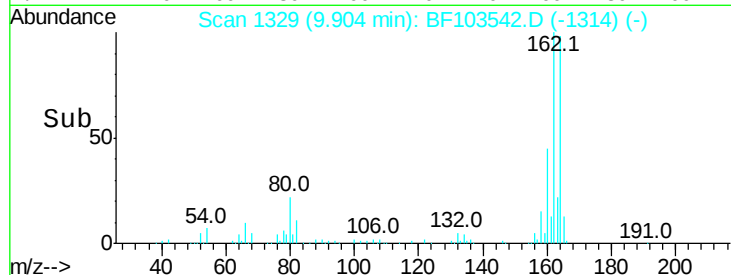
#56
2,4-Dinitrotoluene
Concen: 5.826 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103542.D
Acq: 9 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 26825
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

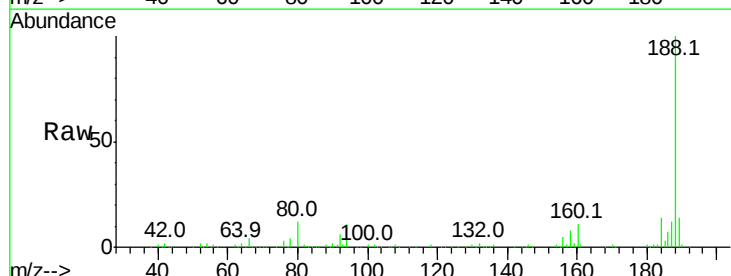


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

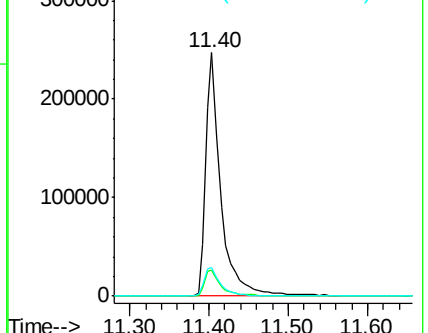
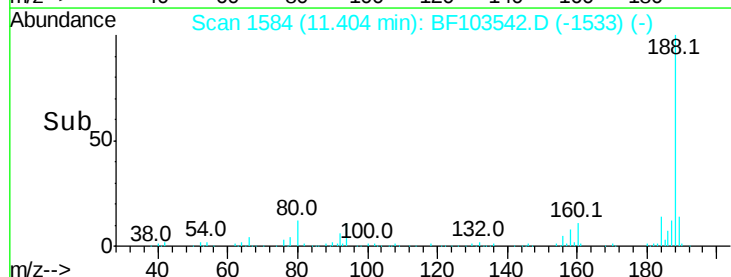


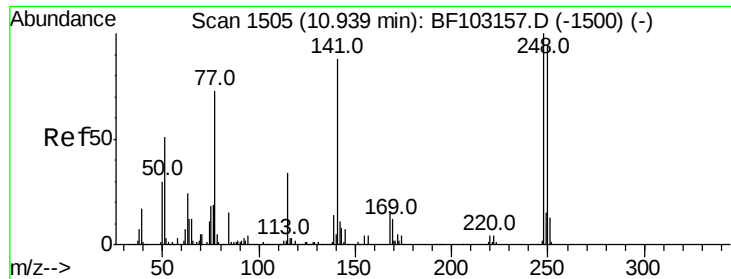
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103542.D
Acq: 9 Mar 2018 3:51

Tgt Ion:188 Resp: 332063
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.8 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

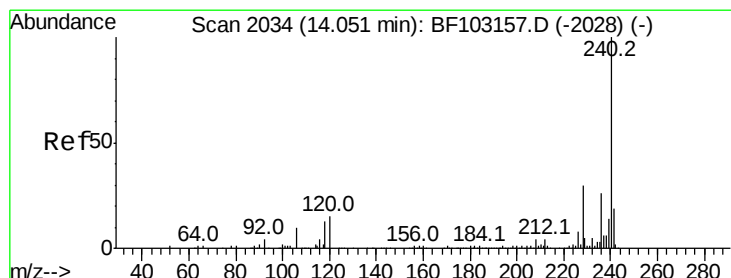
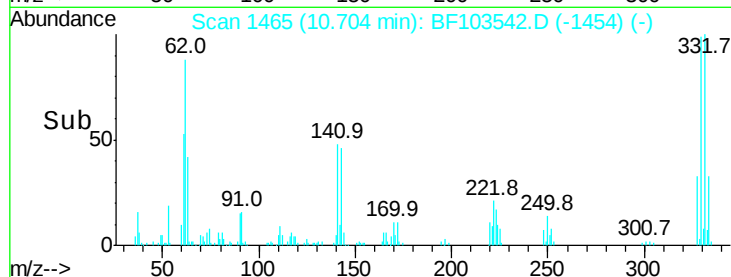
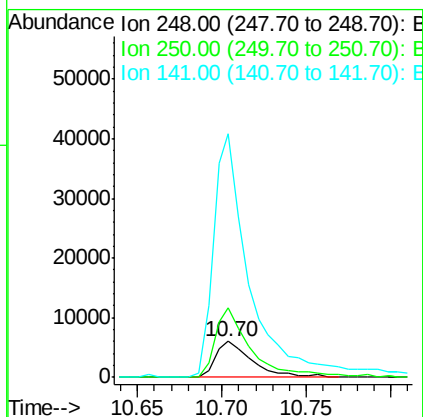
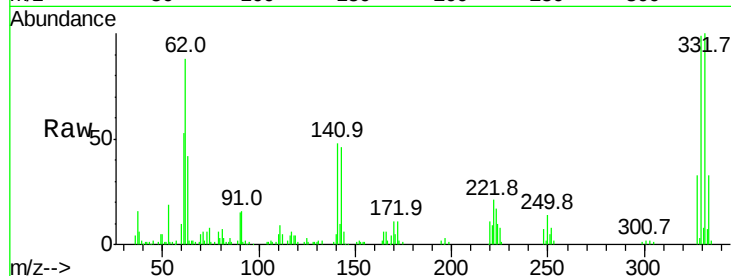




#66
 4-Bromophenyl-phenylether
 Concen: 2.610 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.24 min
 Lab File: BF103542.D
 Acq: 9 Mar 2018 3:51

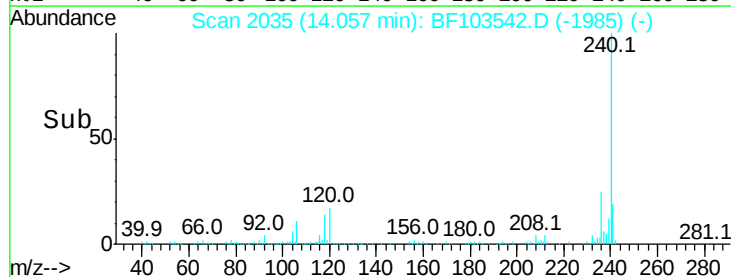
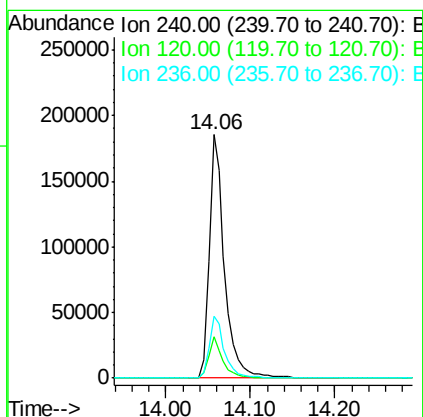
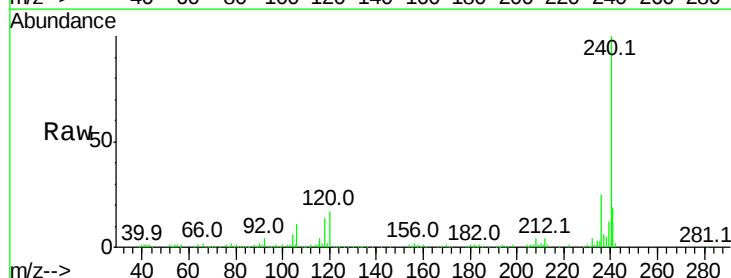
Instrument :
 BNA_F
 ClientSampleId :

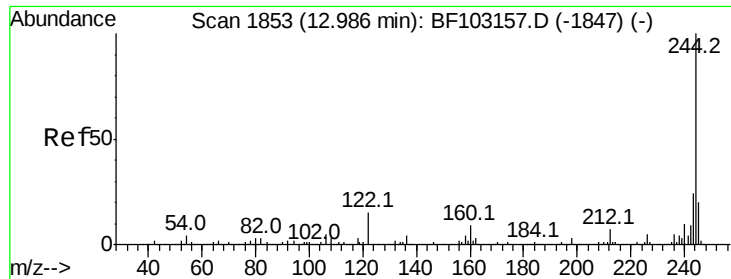
Tot Ion:248 Resp: 9028
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 678.8 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103542.D
 Acq: 9 Mar 2018 3:51

Tgt Ion:240 Resp: 233906
 Ion Ratio Lower Upper
 240 100
 120 17.0 9.5 14.3#
 236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 87.213 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

Instrument :

BNA_F

ClientSampled :

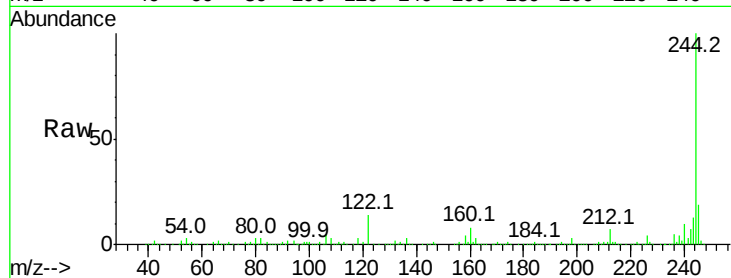
Tot Ion:244 Resp: 848620

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

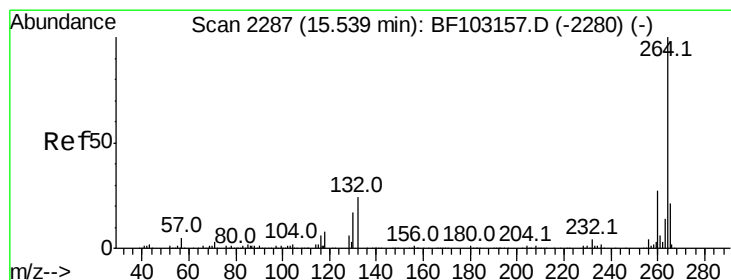
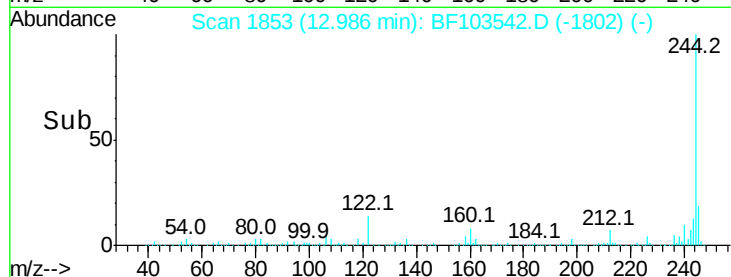
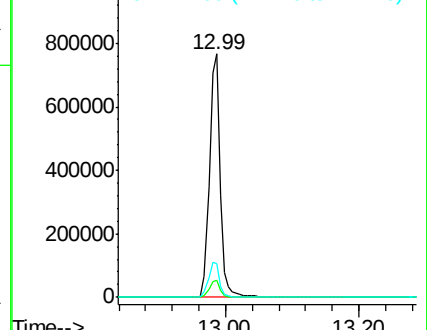
122 13.6 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103542.D

Acq: 9 Mar 2018 3:51

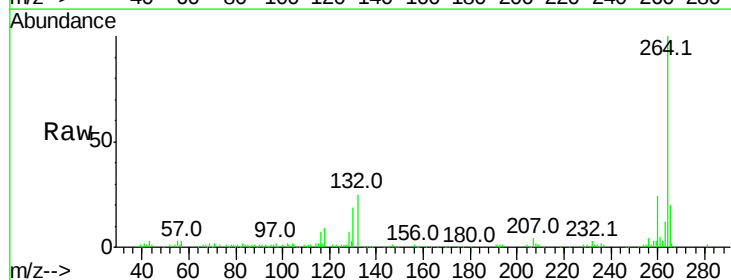
Tgt Ion:264 Resp: 172170

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.4 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

