

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103541.D
 Acq On : 9 Mar 2018 3:25
 Operator : SJ/JU
 Sample : J1794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 04:14:15 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

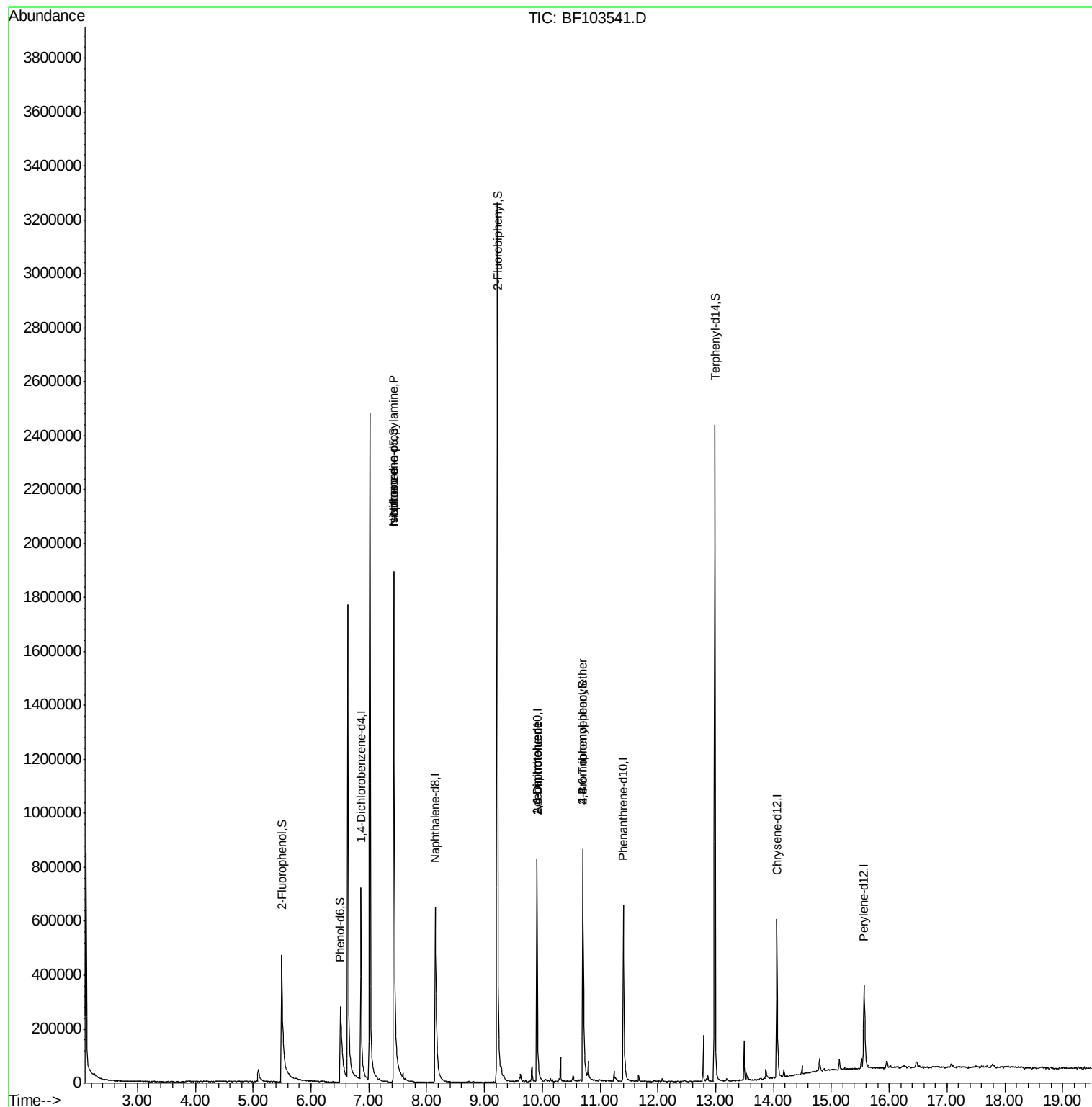
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132979	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	565727	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	220653	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	336820	20.00	ng	0.00
75) Chrysene-d12	14.06	240	250693	20.00	ng	0.00
86) Perylene-d12	15.57	264	184825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	288012	32.76	ng	0.00
7) Phenol-d6	6.51	99	258808	24.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	901497	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	118372	63.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1232792	100.45	ng	0.00
78) Terphenyl-d14	12.99	244	844531	80.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	113844	17.002	ng	# 83
25) Isophorone	7.43	82	902492	46.257	ng	# 64
50) 2,6-Dinitrotoluene	9.91	165	27764	7.474	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	27764	5.910	ng	# 24
66) 4-Bromophenyl-phenylether	10.70	248	8338	2.376	ng	# 1

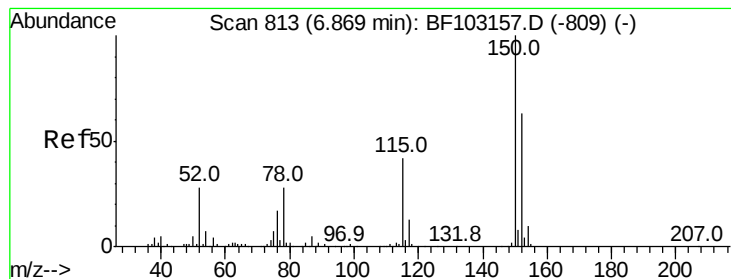
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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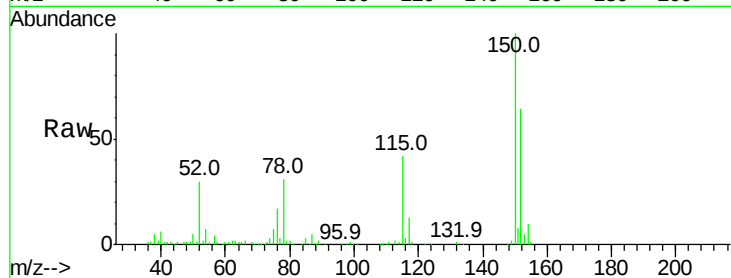


#1

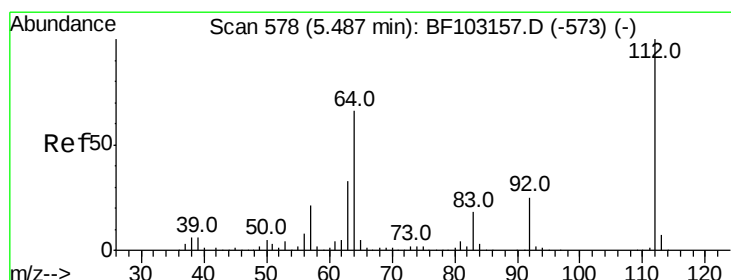
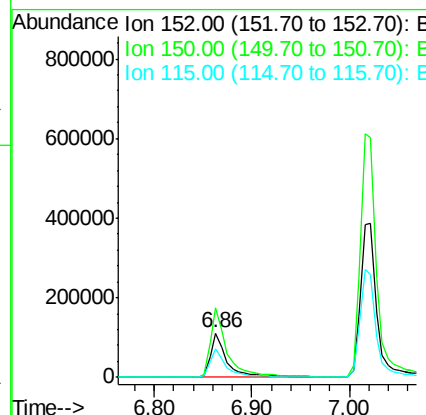
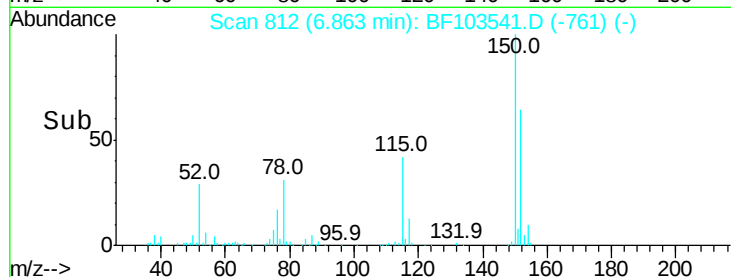
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103541.D
Acq: 9 Mar 2018 3:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132979
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 65.6 50.1 75.1



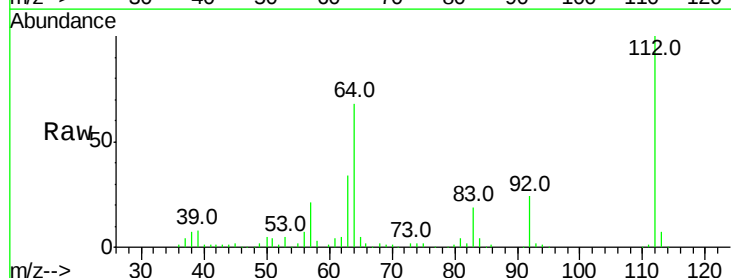
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



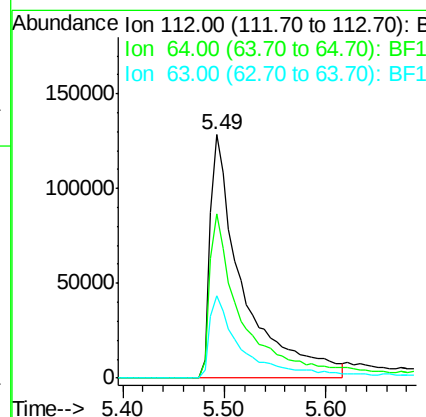
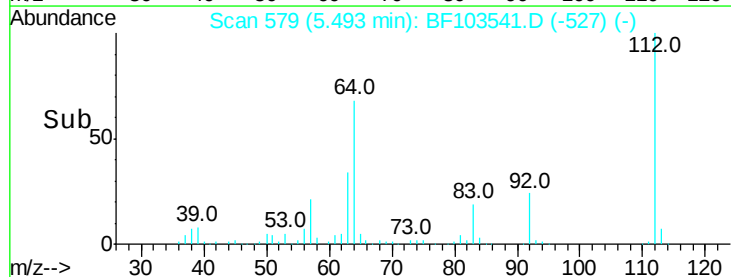
#5

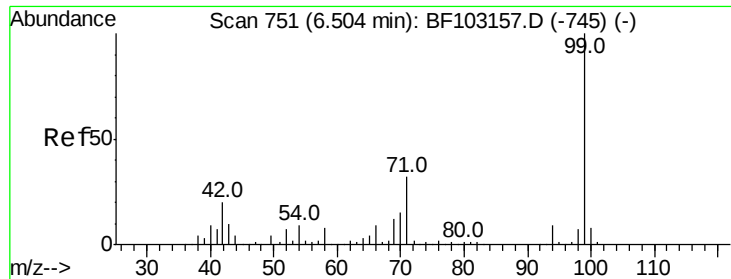
2-Fluorophenol
Concen: 32.757 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103541.D
Acq: 9 Mar 2018 3:25

Tgt Ion:112 Resp: 288012
Ion Ratio Lower Upper
112 100
64 67.7 47.9 71.9
63 33.8 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: 24.055 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103541.D

Acq: 9 Mar 2018 3:25

Instrument :

BNA_F

ClientSampleId :

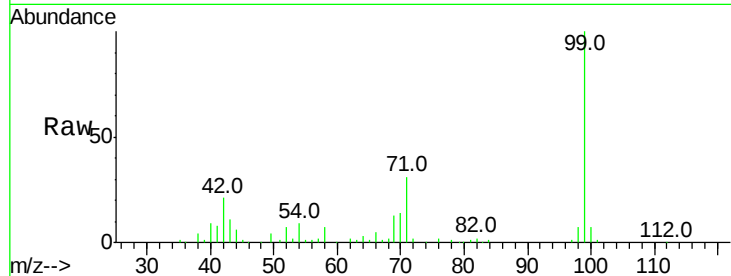
Tot Ion: 99 Resp: 258808

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

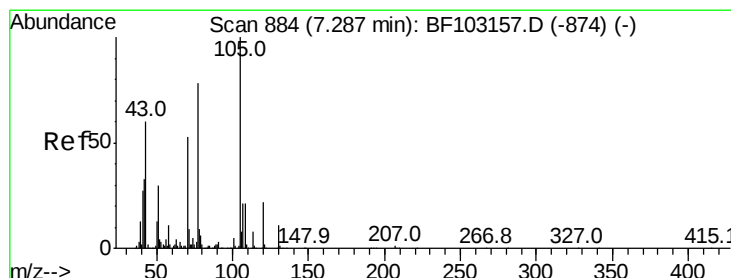
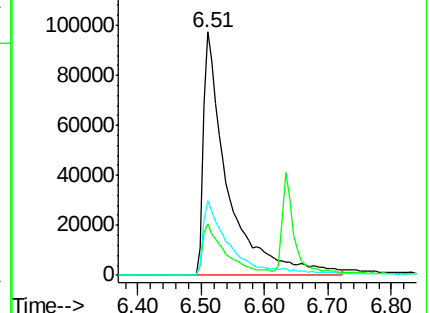
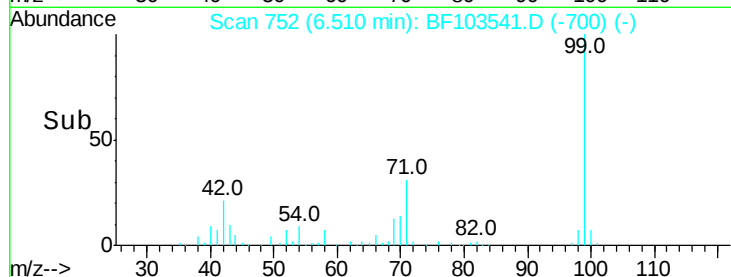
71 30.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.002 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103541.D

Acq: 9 Mar 2018 3:25

Tgt Ion: 70 Resp: 113844

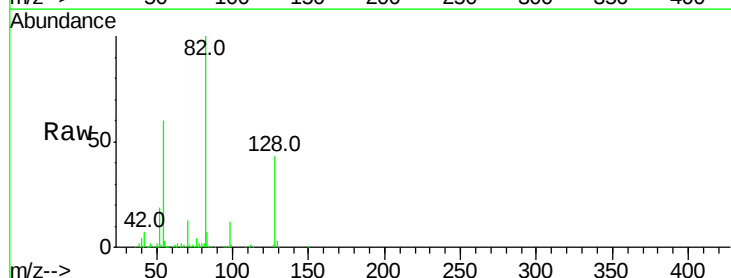
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

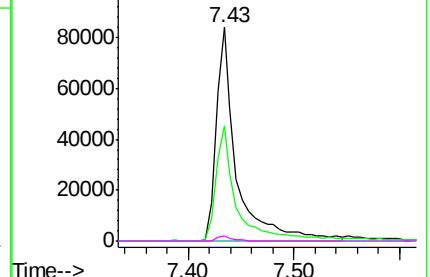
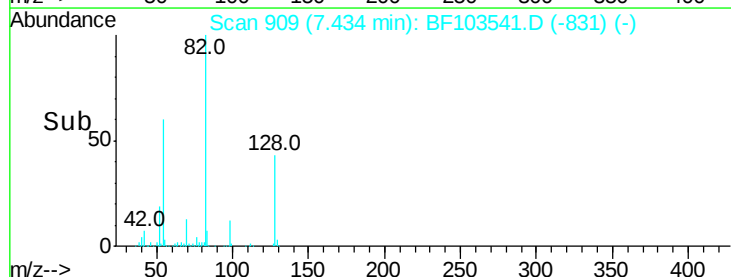


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

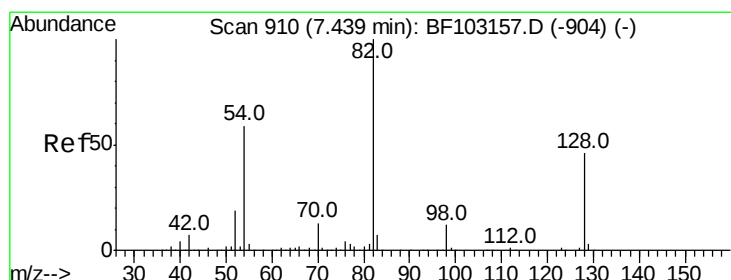
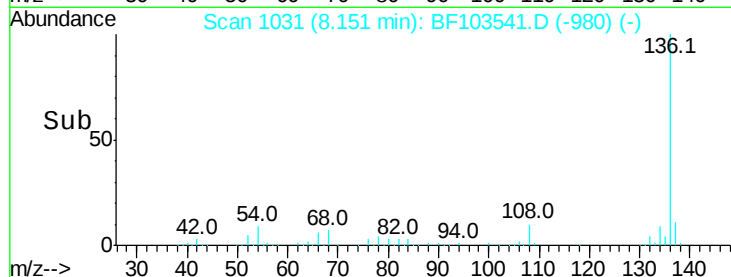
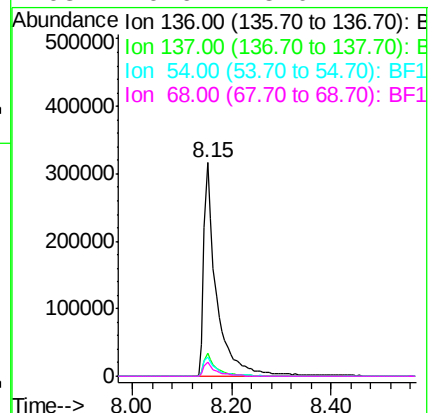
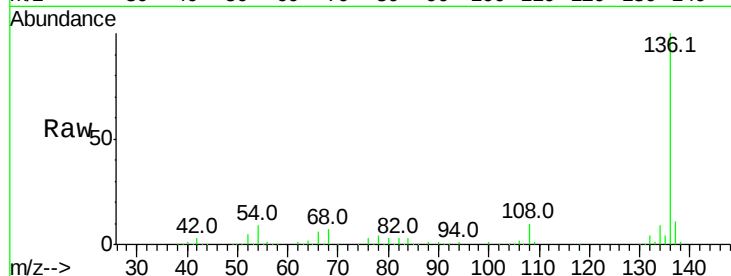




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103541.D
Acq: 9 Mar 2018 3:25

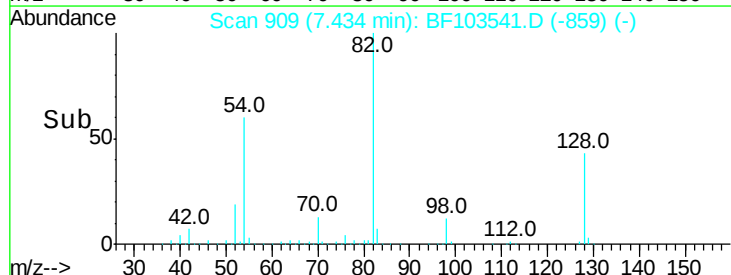
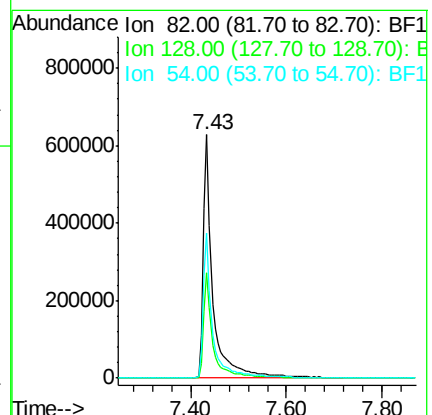
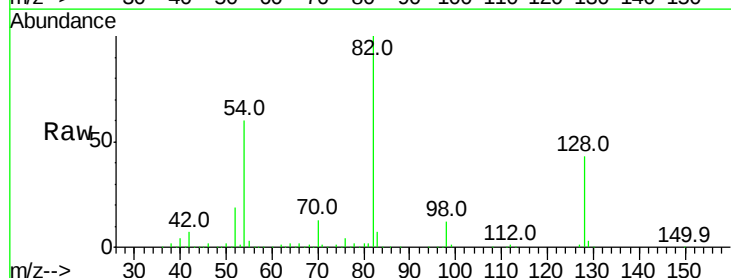
Instrument :
BNA_F
ClientSampled :

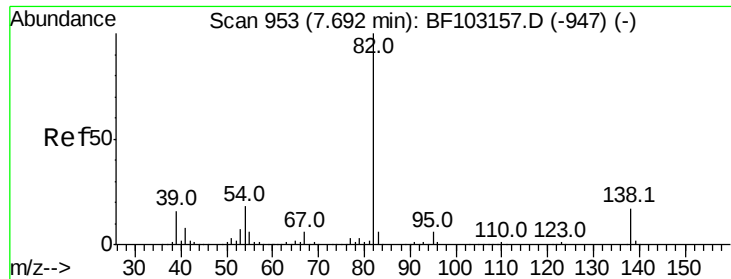
Tot Ion:	136	Resp:	565727
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.003 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103541.D
Acq: 9 Mar 2018 3:25

Tgt Ion:	82	Resp:	901497
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	59.6	41.4	62.2





#25

Isophorone

Concen: 46.257 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103541.D

Acq: 9 Mar 2018 3:25

Instrument :

BNA_F

ClientSampled :

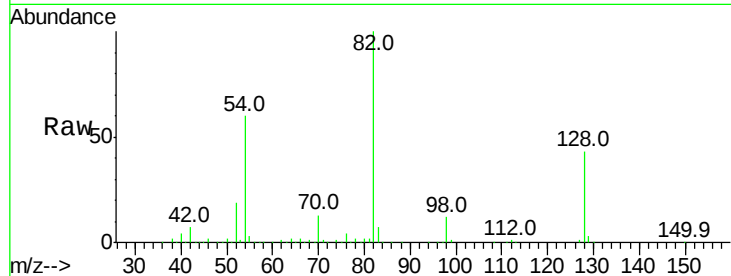
Tot Ion: 82 Resp: 902492

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

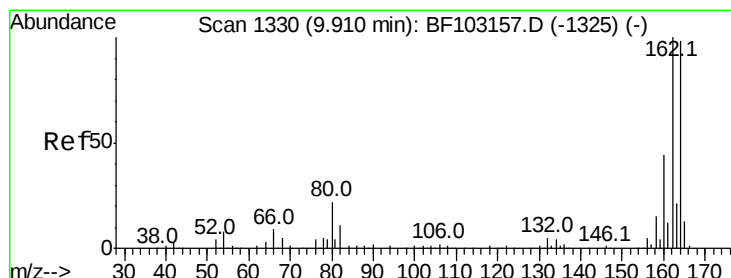
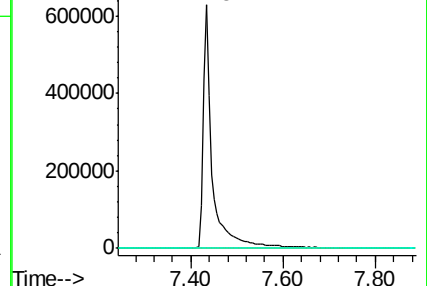
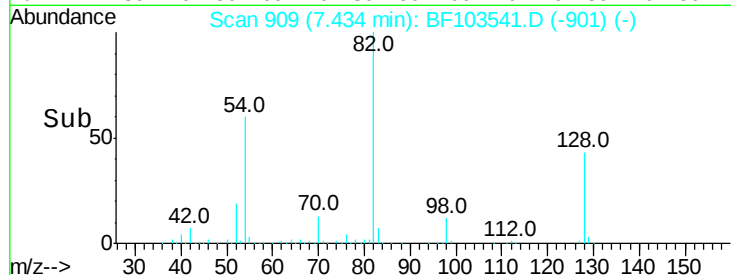
138 0.0 14.9 22.3#



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: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103541.D

Acq: 9 Mar 2018 3:25

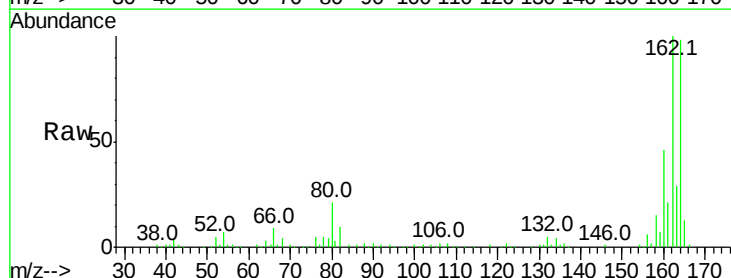
Tgt Ion:164 Resp: 220653

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

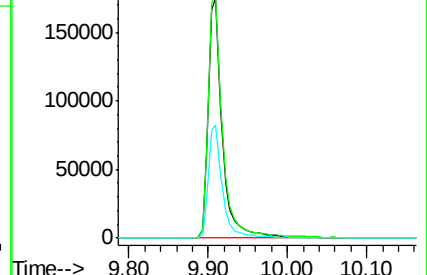
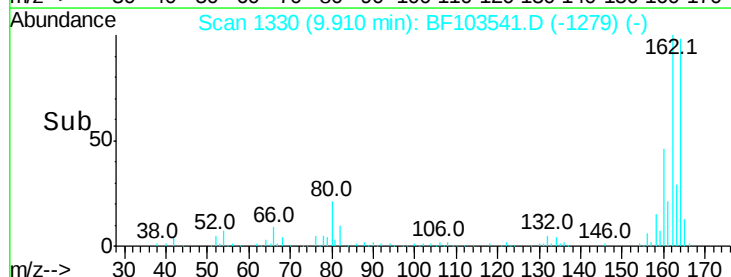
160 47.0 38.3 57.5



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

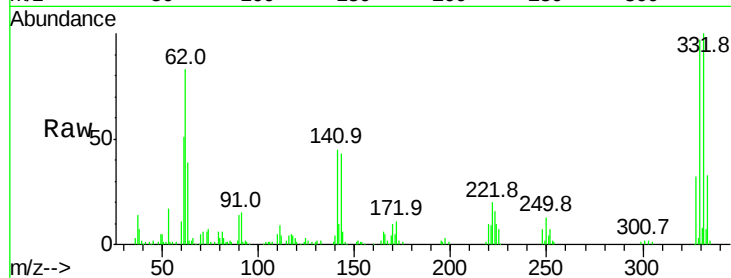




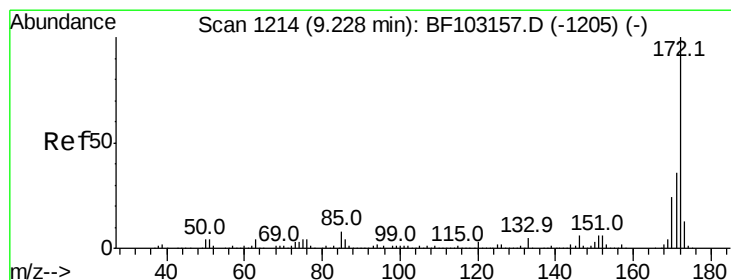
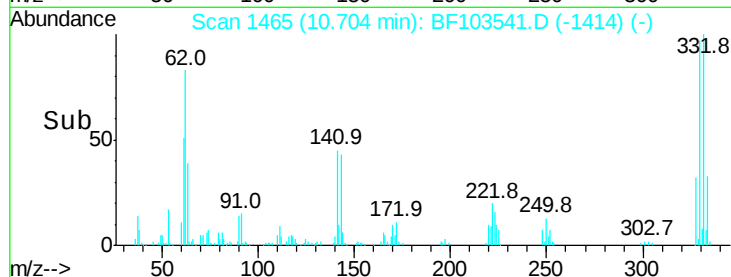
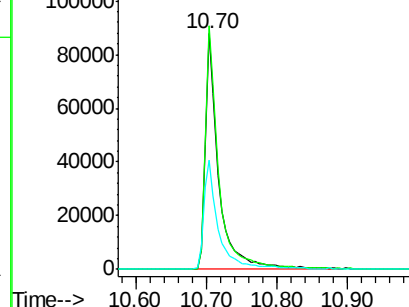
#41
 2,4,6-Tribromophenol
 Concen: 63.378 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103541.D
 Acq: 9 Mar 2018 3:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 118372
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 50.8 29.9 44.9#

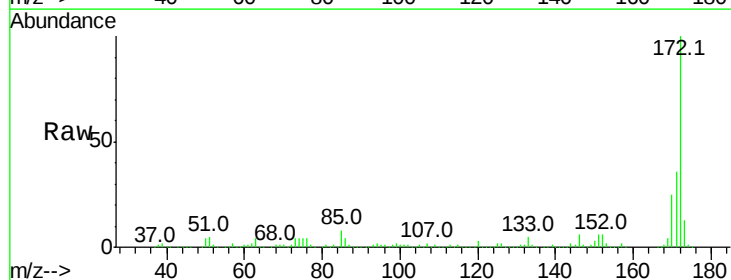


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

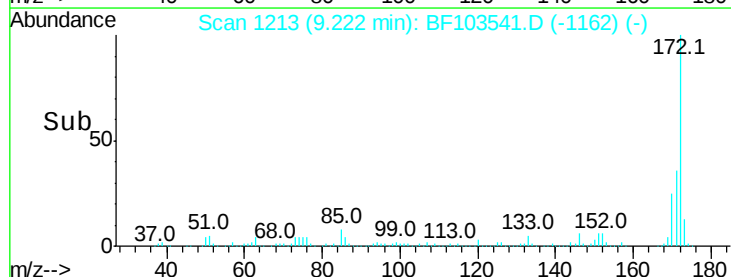
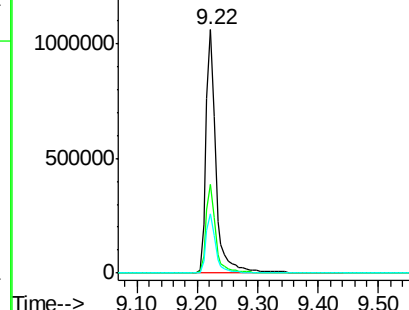


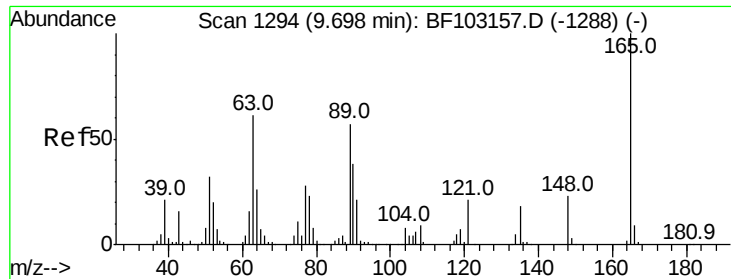
#44
 2-Fluorobiphenyl
 Concen: 100.453 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103541.D
 Acq: 9 Mar 2018 3:25

Tgt Ion:172 Resp: 1232792
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

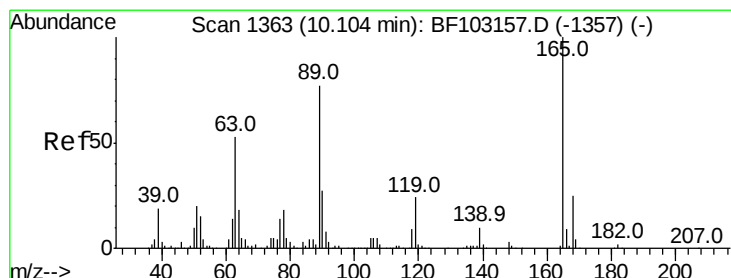
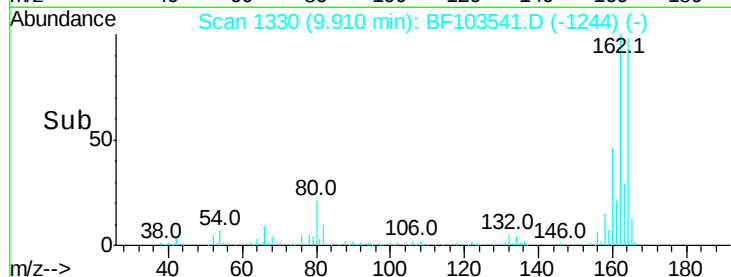
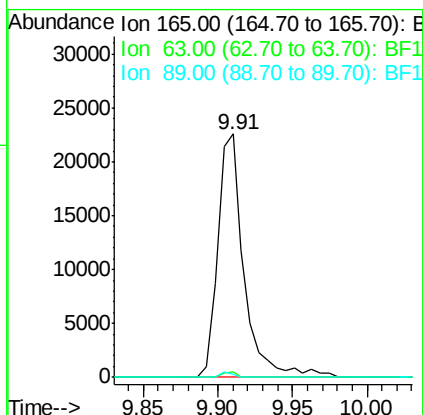
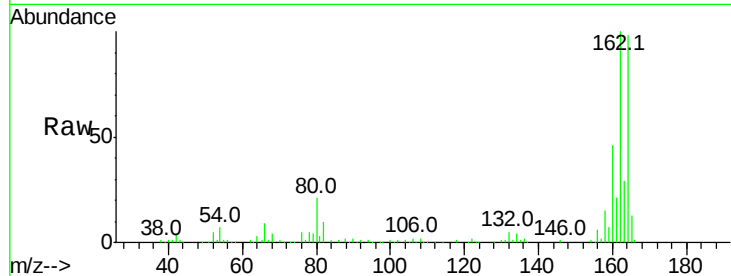




#50
 2,6-Dinitrotoluene
 Concen: 7.474 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103541.D
 Acq: 9 Mar 2018 3:25

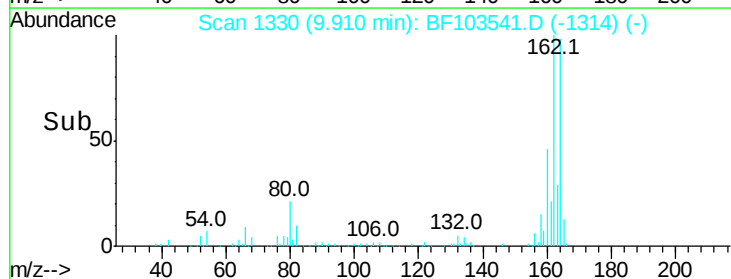
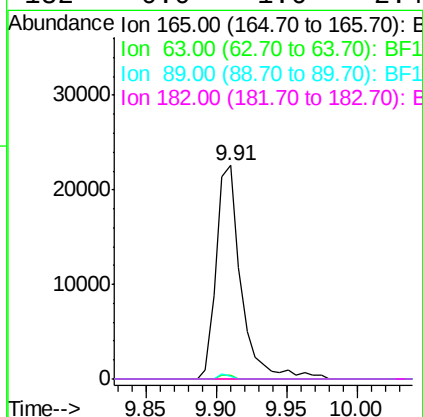
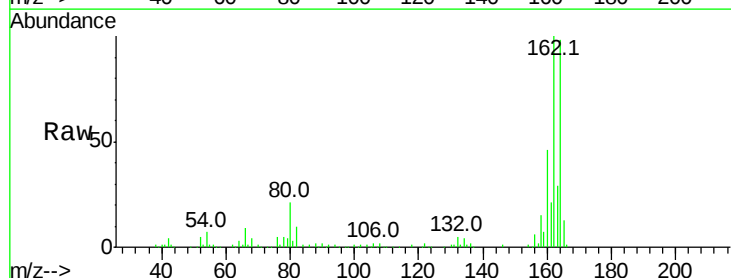
Instrument :
 BNA_F
 ClientSampleId :

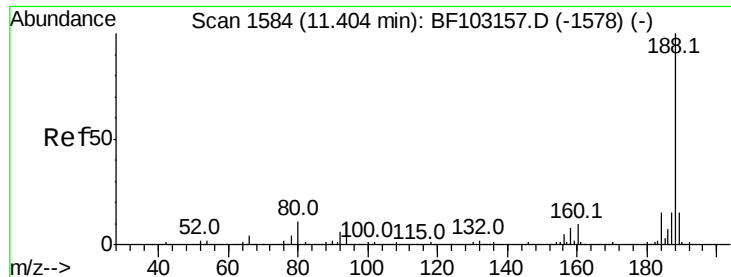
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.910 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103541.D
 Acq: 9 Mar 2018 3:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

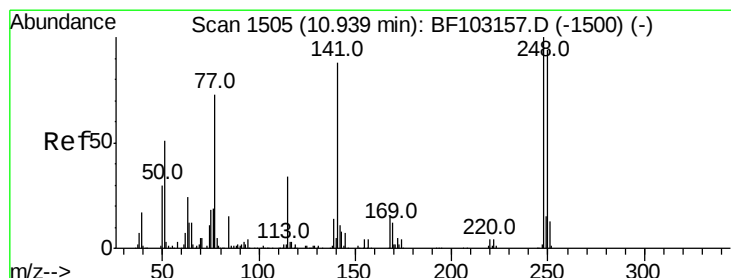
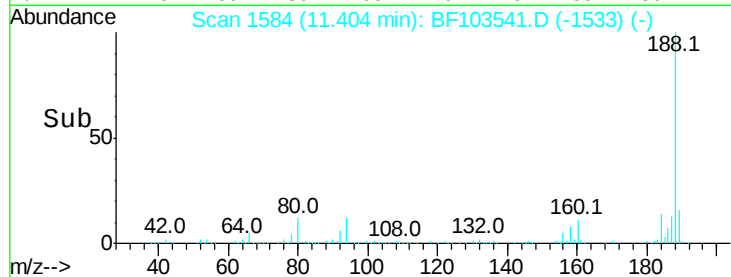
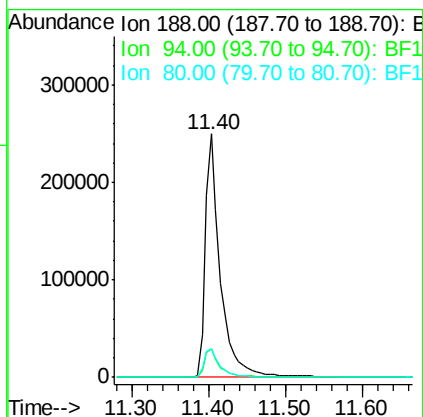
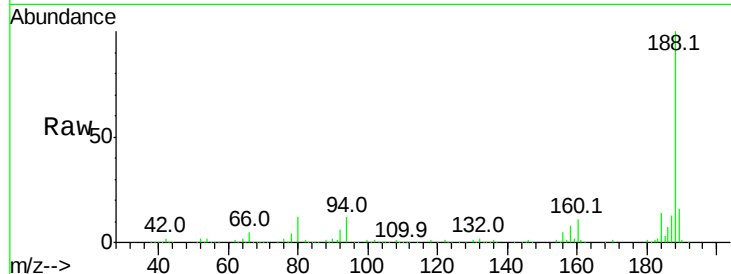




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103541.D
Acq: 9 Mar 2018 3:25

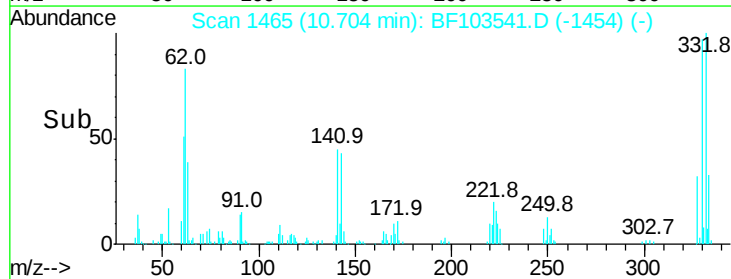
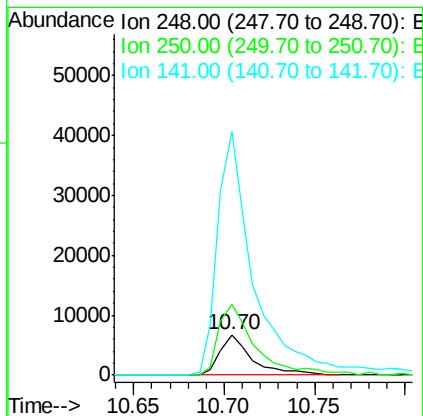
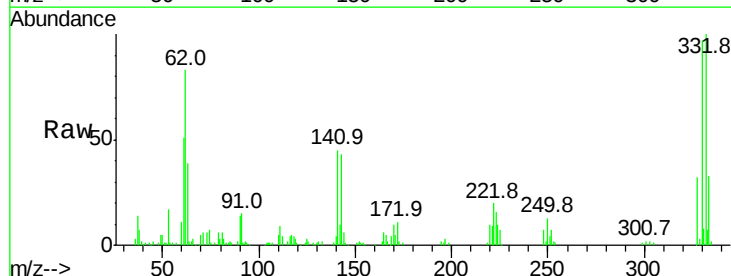
Instrument :
BNA_F
ClientSampleId :

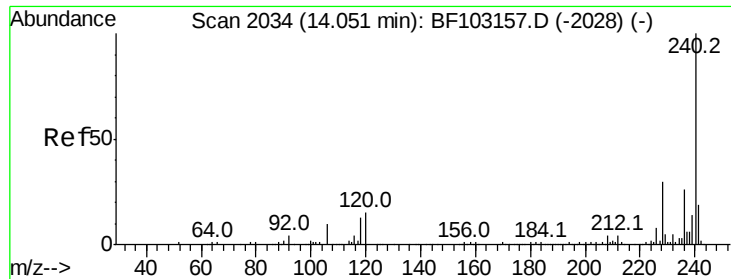
Tot Ion:188 Resp: 336820
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.376 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103541.D
Acq: 9 Mar 2018 3:25

Tgt Ion:248 Resp: 8338
Ion Ratio Lower Upper
248 100
250 173.1 76.9 115.3#
141 599.5 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: BF103541.D

Acq: 9 Mar 2018 3:25

Instrument :

BNA_F

ClientSampleId :

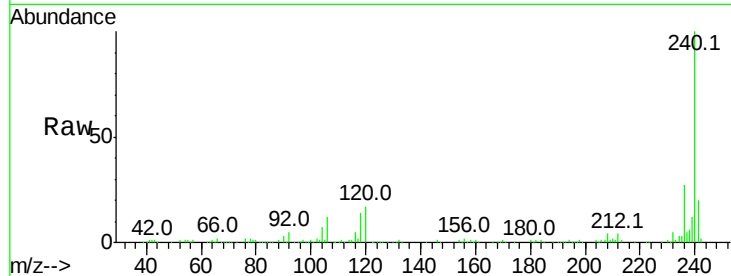
Tot Ion:240 Resp: 250693

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

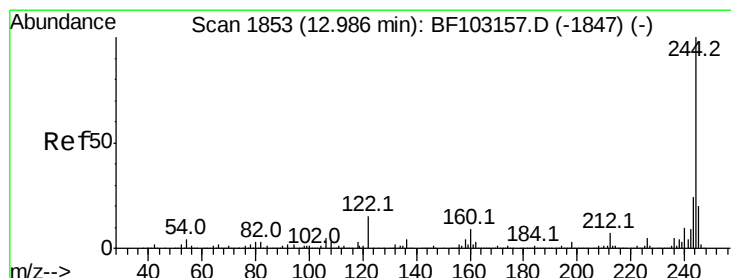
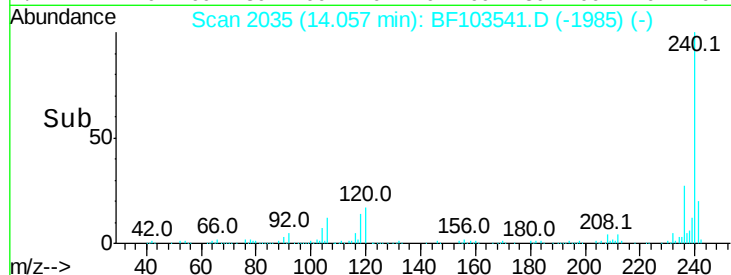
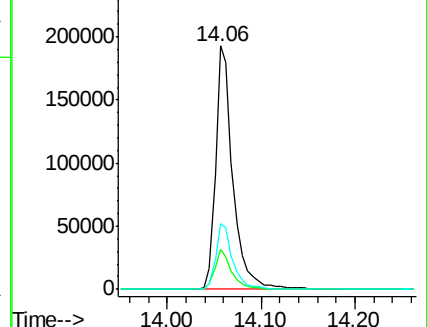
236 26.9 20.7 31.1



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: 80.981 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103541.D

Acq: 9 Mar 2018 3:25

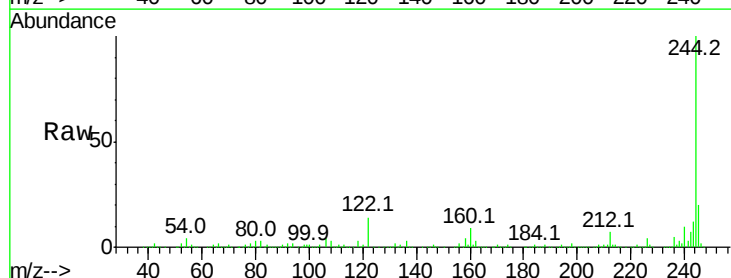
Tgt Ion:244 Resp: 844531

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

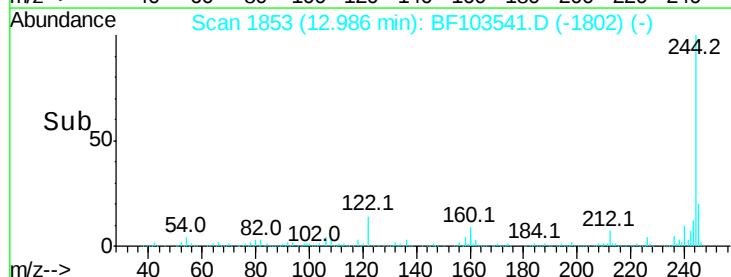
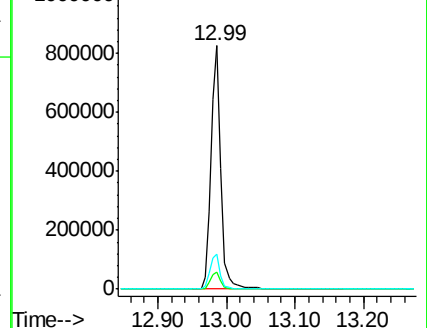
122 14.2 11.0 16.4

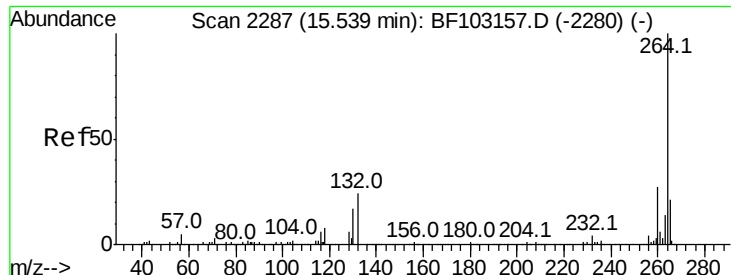


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

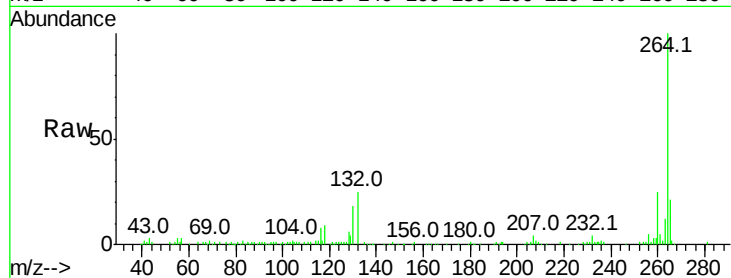




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103541.D
 Acq: 9 Mar 2018 3:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.3	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

