

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103534.D
 Acq On : 8 Mar 2018 23:08
 Operator : SJ/JU
 Sample : J1826-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:55:36 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

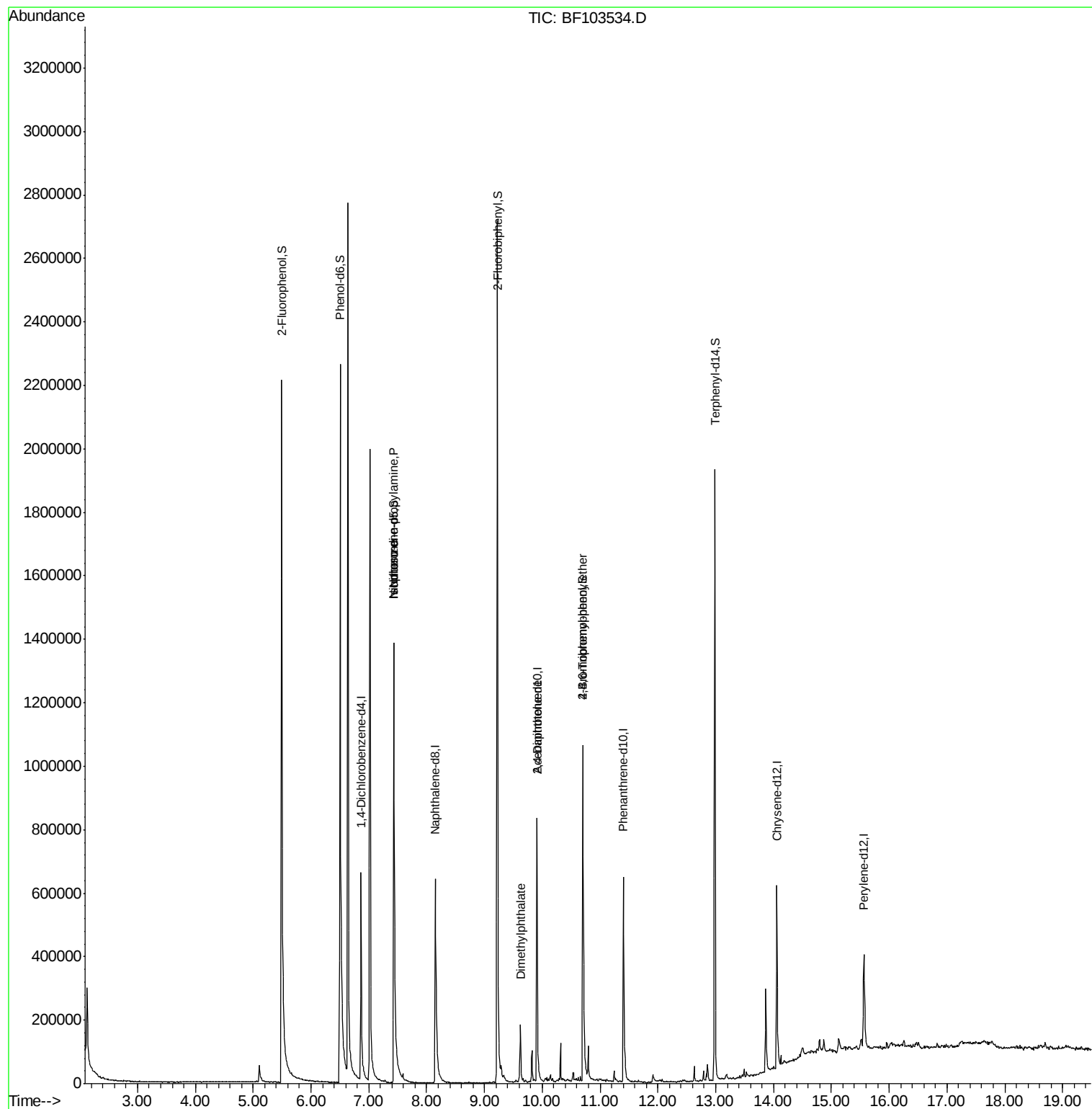
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126153	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	522534	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	213377	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	311920	20.00	ng	0.00
75) Chrysene-d12	14.06	240	218609	20.00	ng	0.00
86) Perylene-d12	15.57	264	172437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	884561	106.05	ng	0.00
7) Phenol-d6	6.50	99	1085845	106.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	685132	74.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	138173	76.50	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1007735	80.28	ng	0.00
78) Terphenyl-d14	12.99	244	672233	73.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1362	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	89210	14.044 ng	#	1
25) Isophorone	7.43	82	685132	38.019 ng	#	83
49) Dimethylphthalate	9.62	163	89740	5.243 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	26279	5.784 ng	#	99
66) 4-Bromophenyl-phenylether	10.70	248	9944	3.060 ng	#	23
					#	1

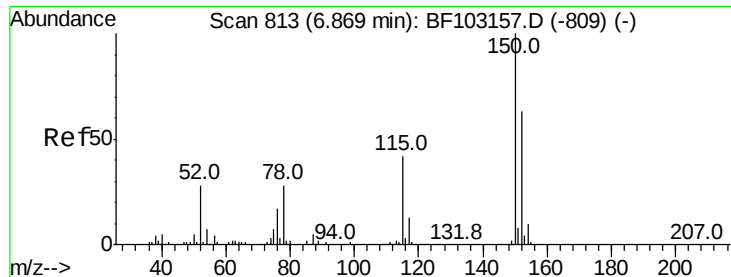
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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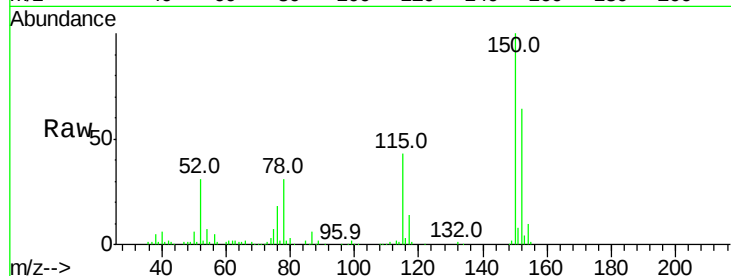


#1

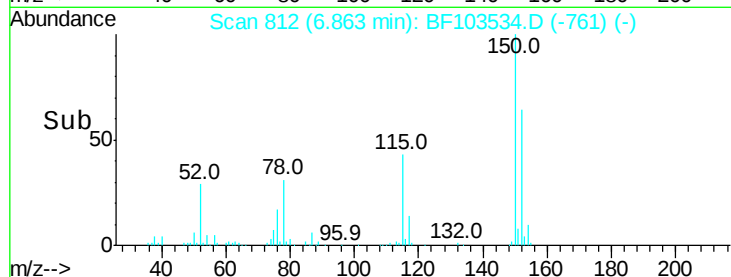
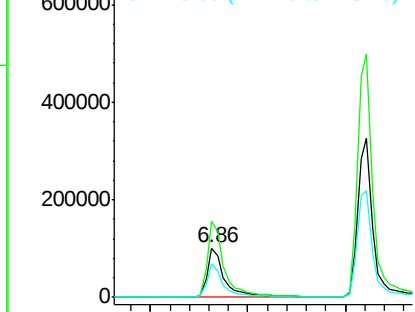
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103534.D
Acq: 8 Mar 2018 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126153
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 67.2 50.1 75.1



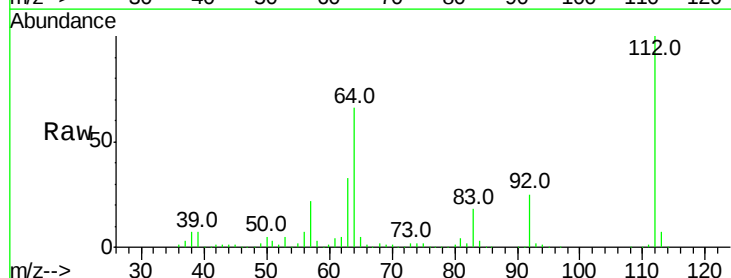
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



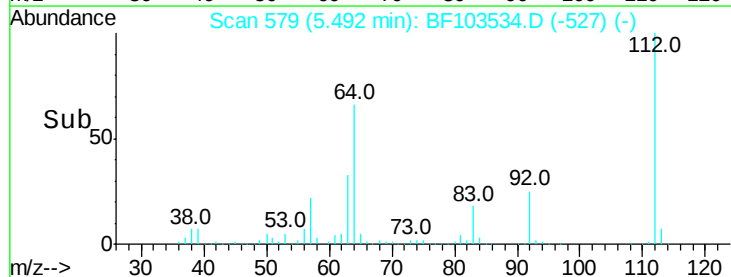
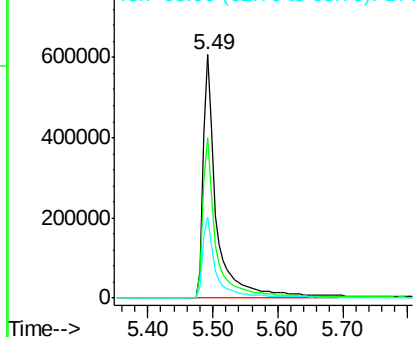
#5

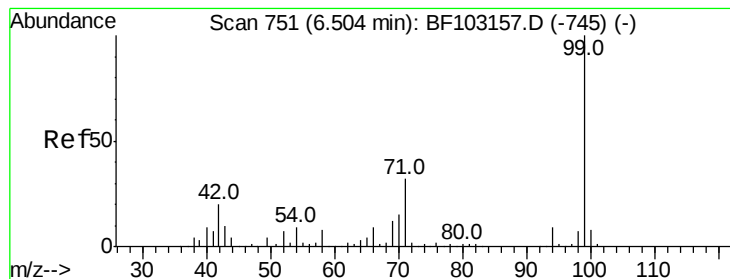
2-Fluorophenol
Concen: 106.049 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103534.D
Acq: 8 Mar 2018 23:08

Tgt Ion:112 Resp: 884561
Ion Ratio Lower Upper
112 100
64 65.7 47.9 71.9
63 33.4 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: 106.387 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103534.D

Acq: 8 Mar 2018 23:08

Instrument :

BNA_F

ClientSampled :

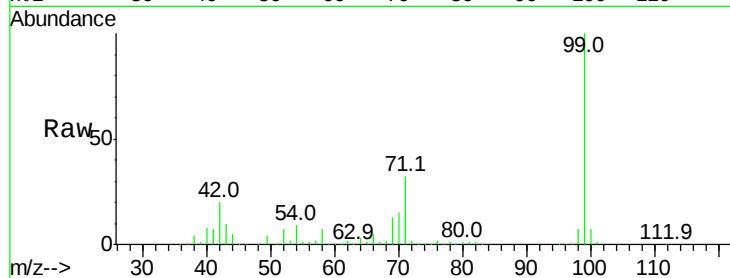
Tot Ion: 99 Resp: 1085845

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

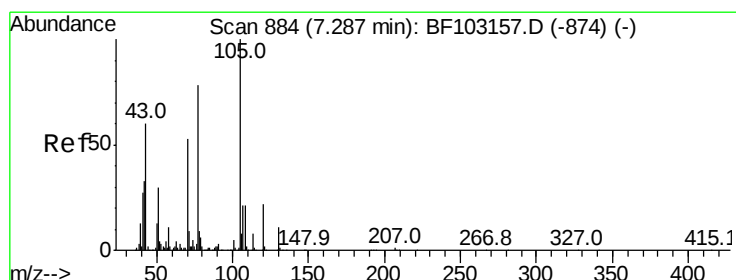
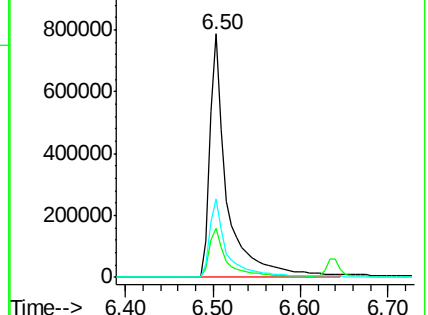
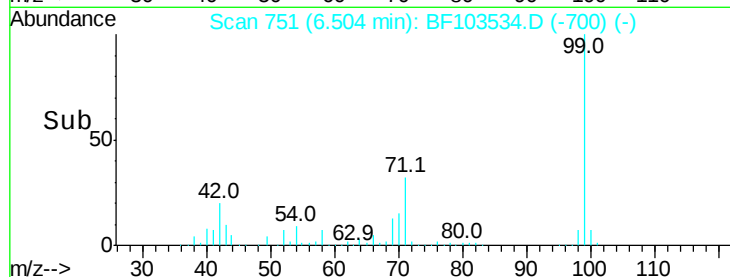
71 32.5 25.4 38.0



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: 14.044 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103534.D

Acq: 8 Mar 2018 23:08

Tgt Ion: 70 Resp: 89210

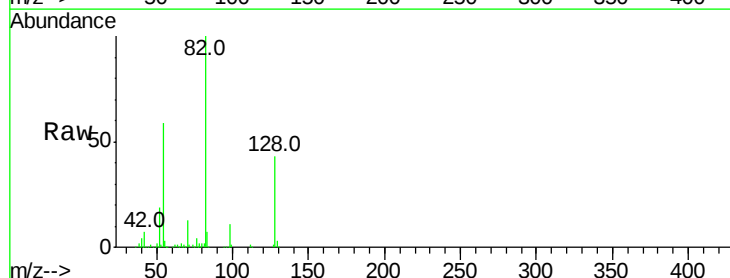
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

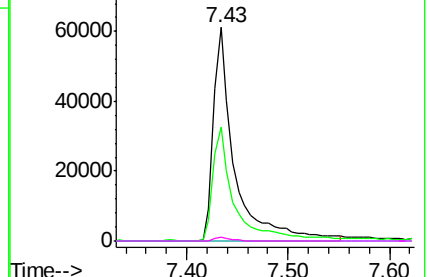
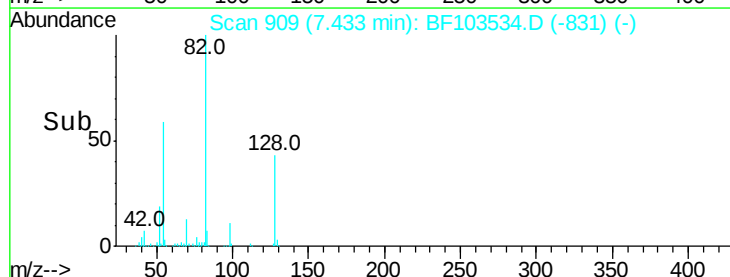


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

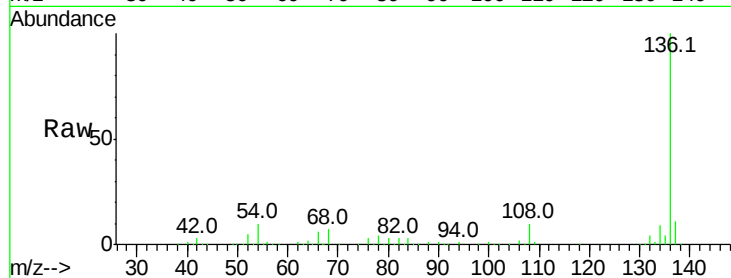




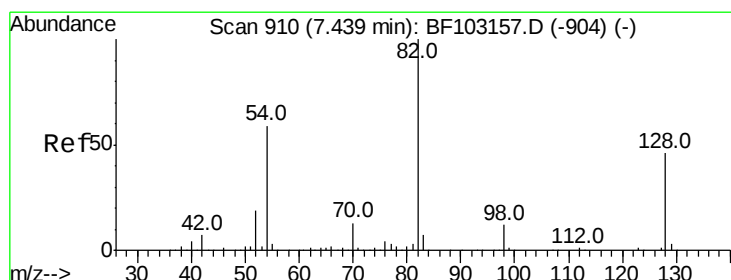
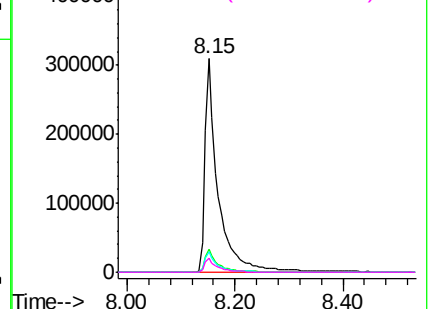
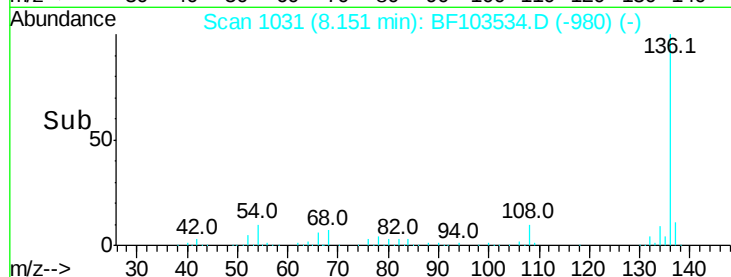
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103534.D
Acq: 8 Mar 2018 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	522534
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	6.8	5.0	7.4

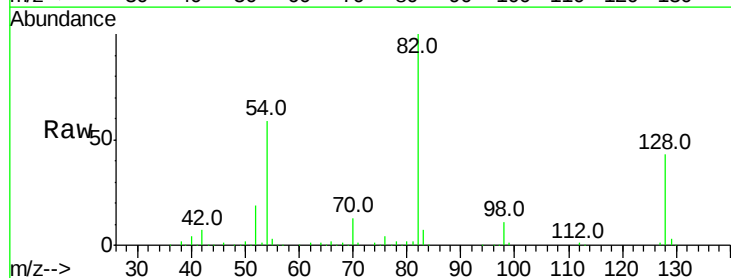


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

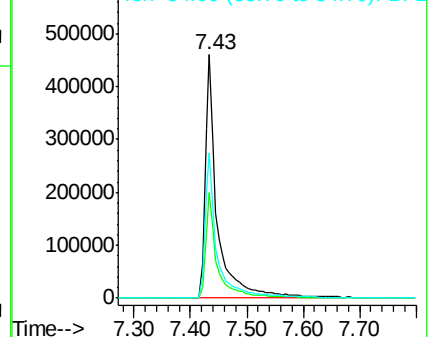
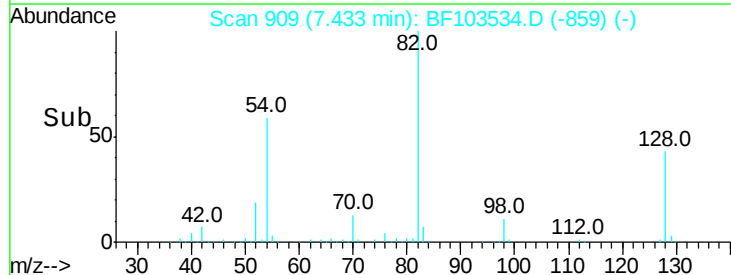


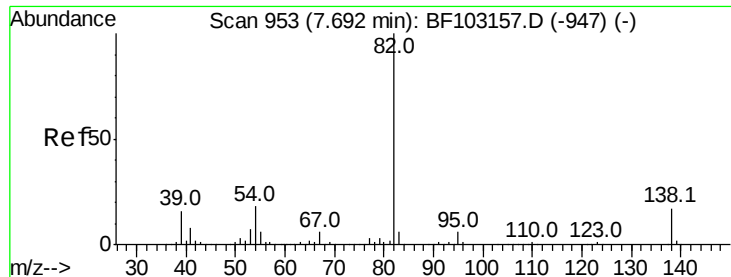
#23
Nitrobenzene-d5
Concen: 74.879 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103534.D
Acq: 8 Mar 2018 23:08

Tgt Ion:	82	Resp:	685132
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	59.4	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: 38.019 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103534.D

Acq: 8 Mar 2018 23:08

Instrument :

BNA_F

ClientSampleId :

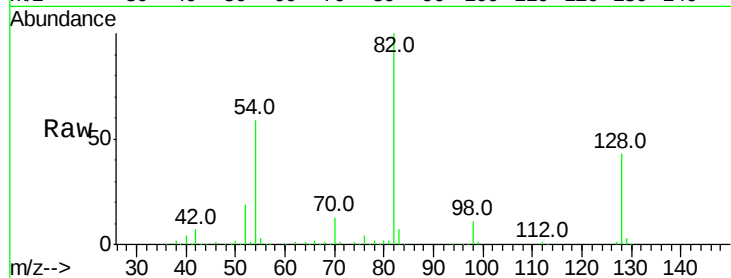
Tot Ion: 82 Resp: 685132

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

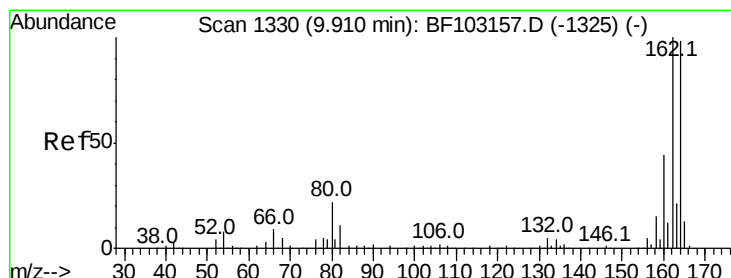
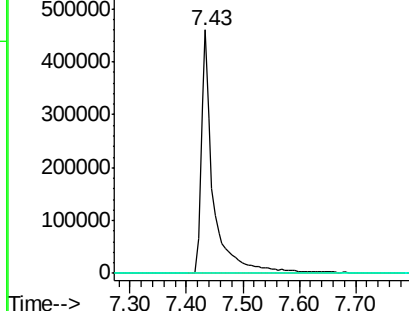
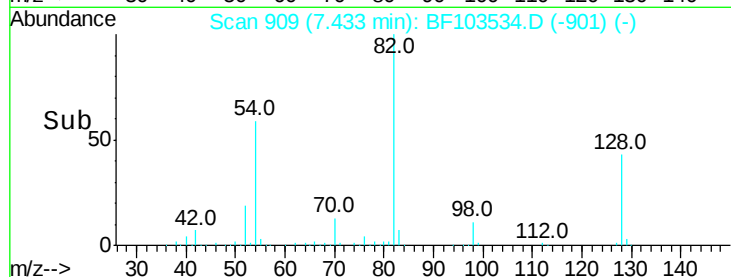
138 0.0 14.9 22.3#



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: BF103534.D

Acq: 8 Mar 2018 23:08

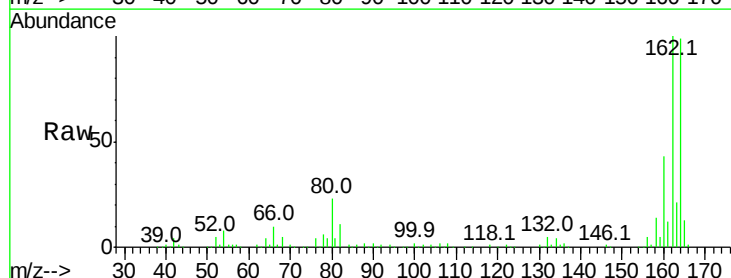
Tgt Ion:164 Resp: 213377

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

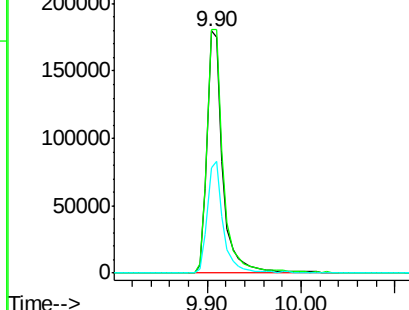
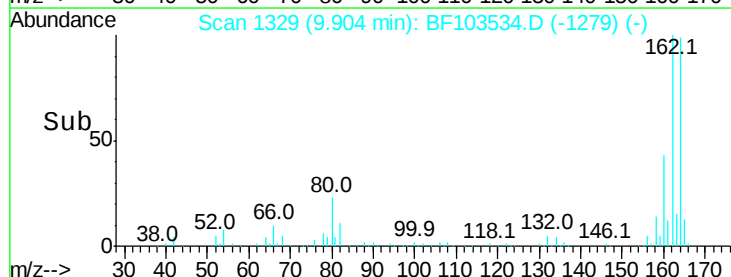
160 43.8 38.3 57.5



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

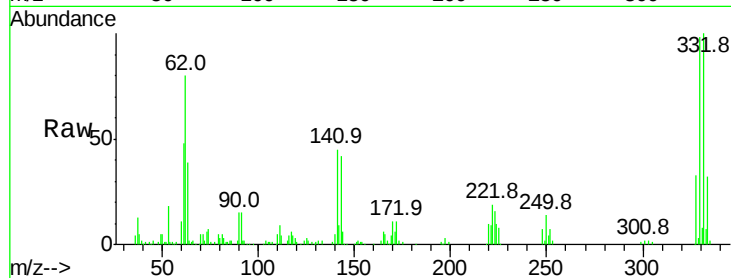




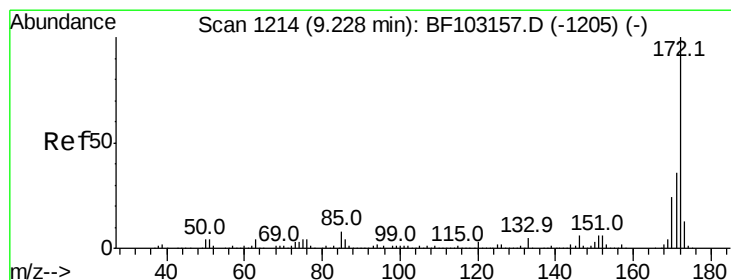
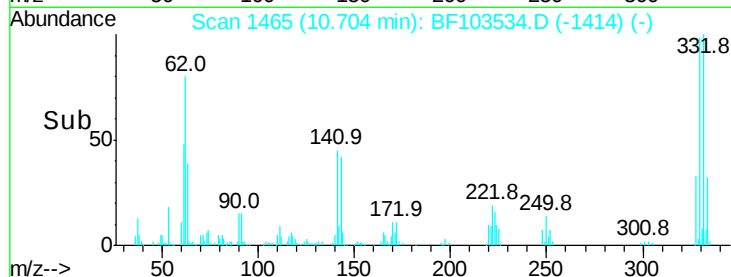
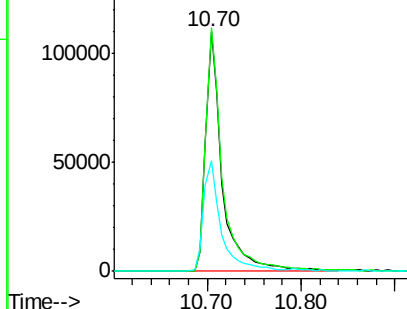
#41
 2,4,6-Tribromophenol
 Concen: 76.503 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103534.D
 Acq: 8 Mar 2018 23:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 138173
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 48.4 29.9 44.9#

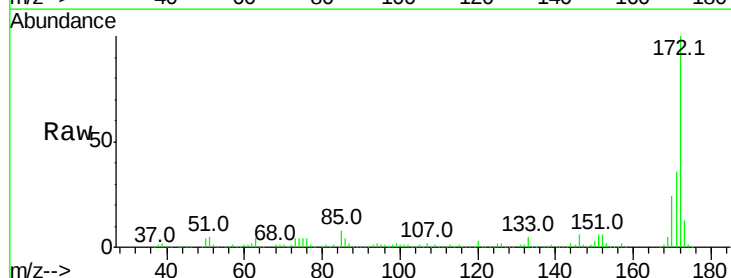


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

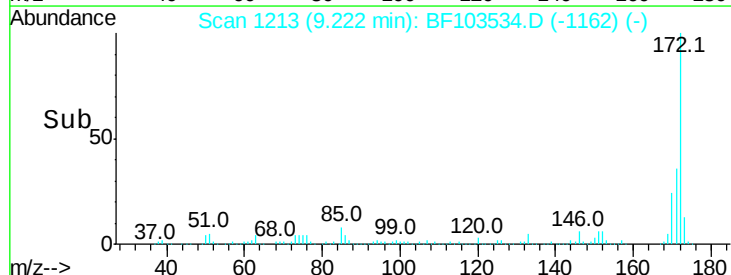
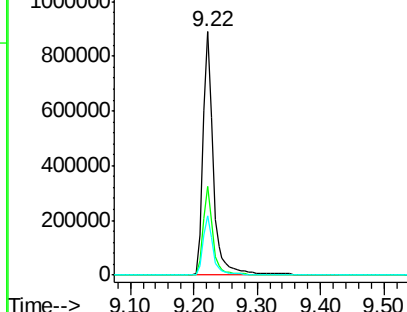


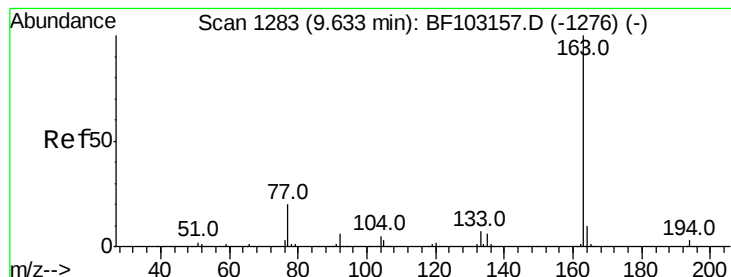
#44
 2-Fluorobiphenyl
 Concen: 80.277 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103534.D
 Acq: 8 Mar 2018 23:08

Tgt Ion:172 Resp: 1007735
 Ion Ratio Lower Upper
 172 100
 171 36.2 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





#49

Dimethylphthalate

Concen: 5.243 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103534.D

Acq: 8 Mar 2018 23:08

Instrument :

BNA_F

ClientSampleId :

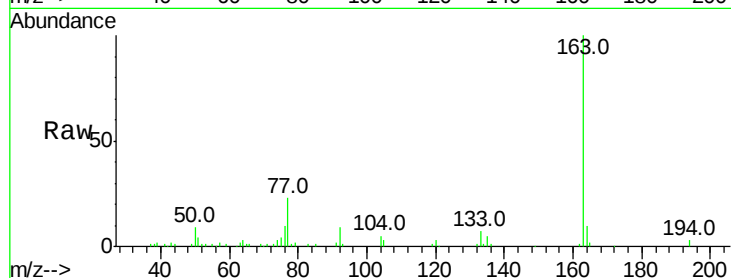
Tot Ion:163 Resp: 89740

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

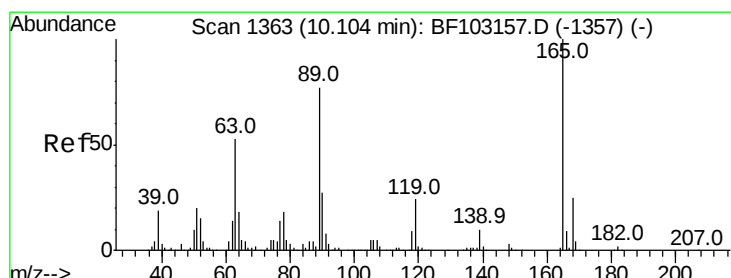
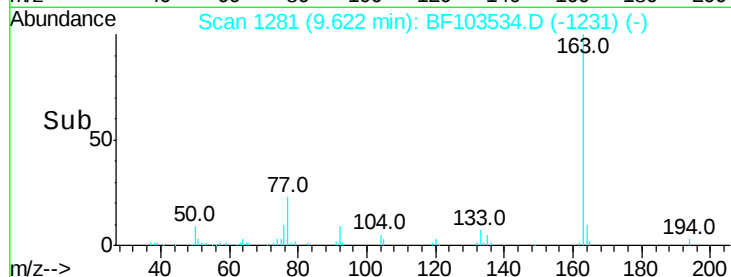
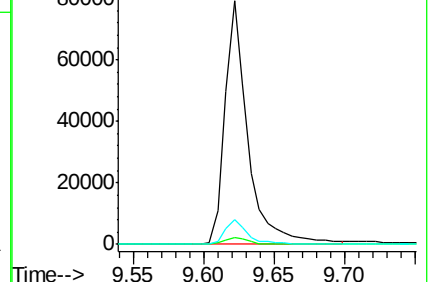
164 10.2 8.2 12.2



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: 5.784 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.21 min

Lab File: BF103534.D

Acq: 8 Mar 2018 23:08

Tgt Ion:165 Resp: 26279

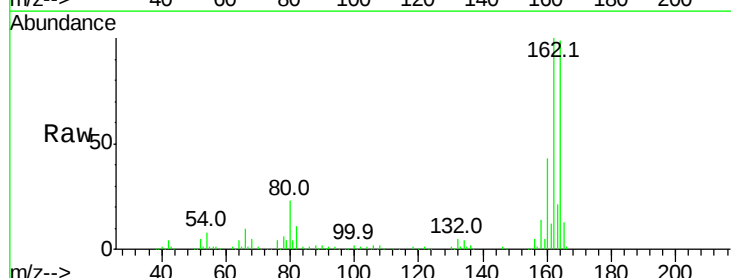
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

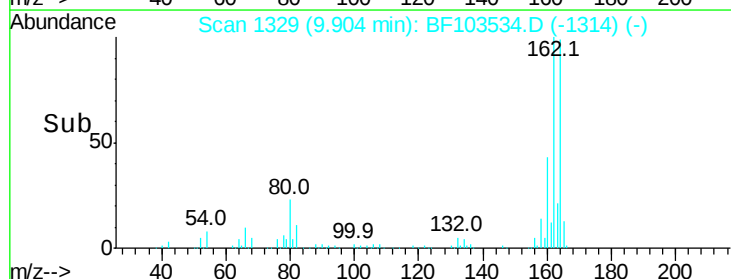
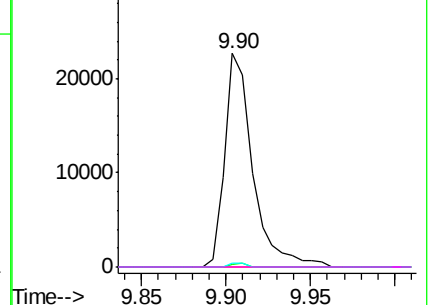


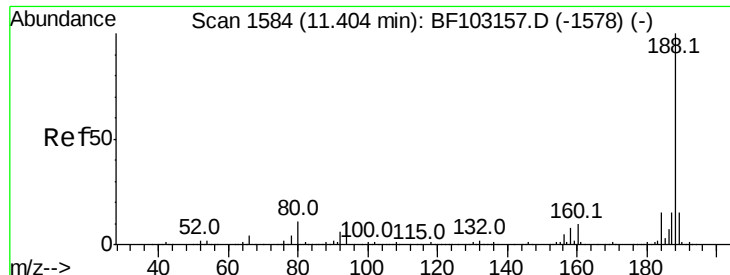
Abundance Ion 165.00 (164.70 to 165.70): E

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

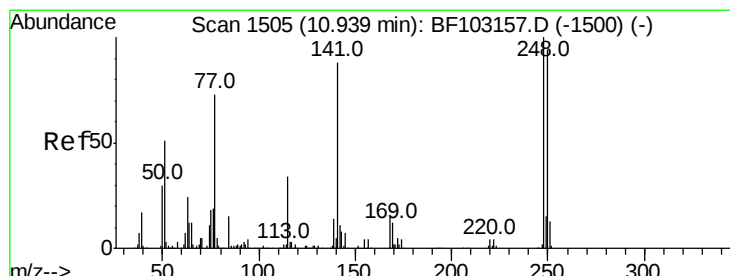
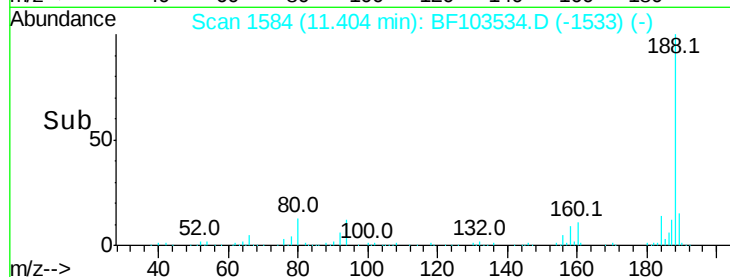
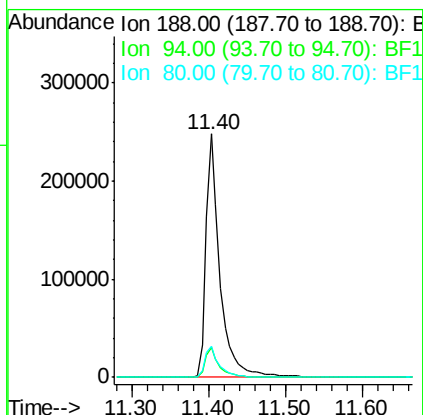
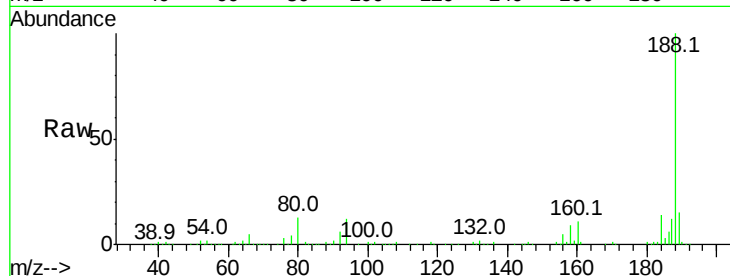




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103534.D
Acq: 8 Mar 2018 23:08

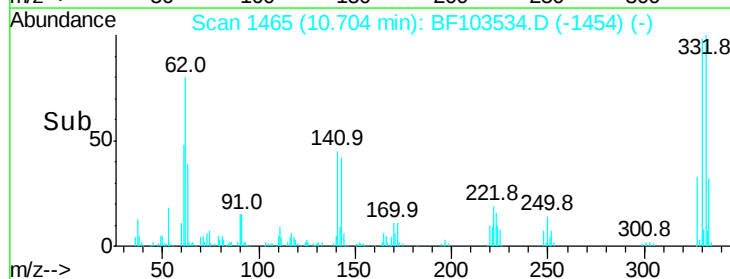
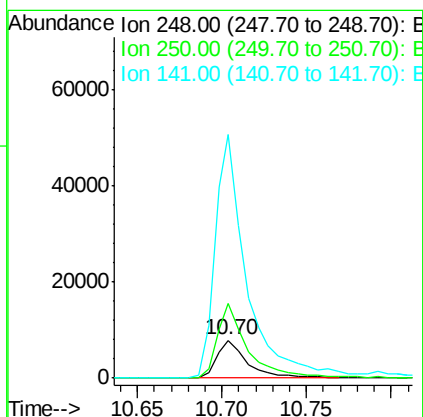
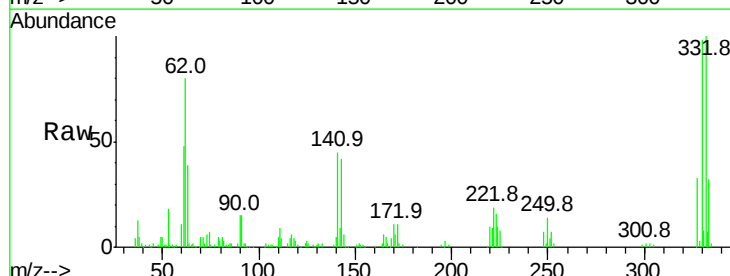
Instrument :
BNA_F
ClientSampleId :

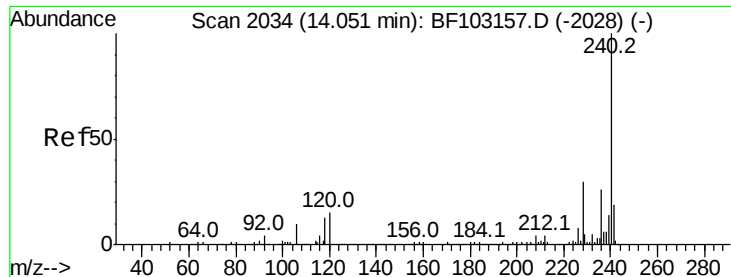
Tot Ion:188 Resp: 311920
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.060 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103534.D
Acq: 8 Mar 2018 23:08

Tgt Ion:248 Resp: 9944
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 647.4 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: BF103534.D

Acq: 8 Mar 2018 23:08

Instrument :

BNA_F

ClientSampleId :

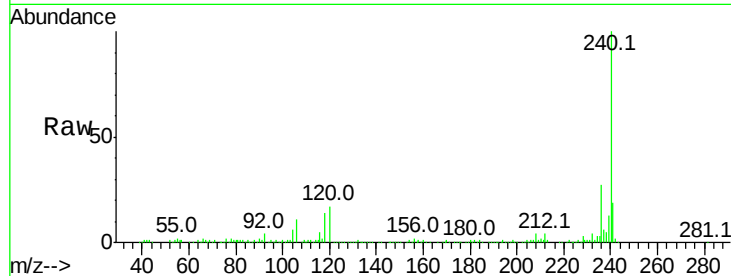
Tot Ion:240 Resp: 218609

Ion Ratio Lower Upper

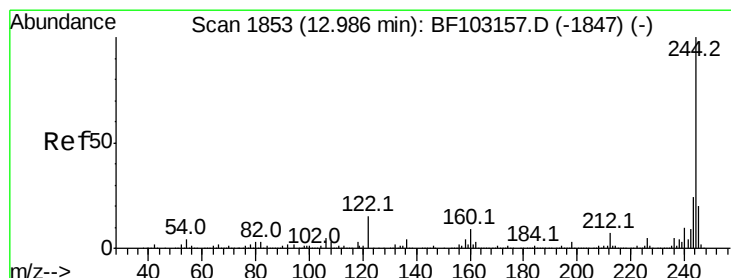
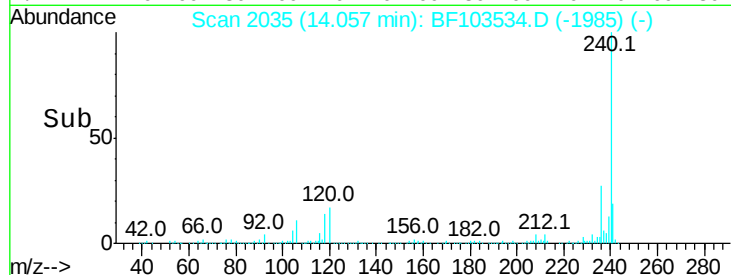
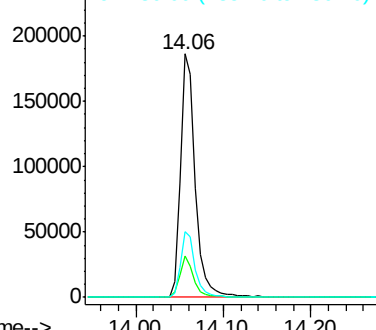
240 100

120 16.8 9.5 14.3#

236 26.8 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: 73.920 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103534.D

Acq: 8 Mar 2018 23:08

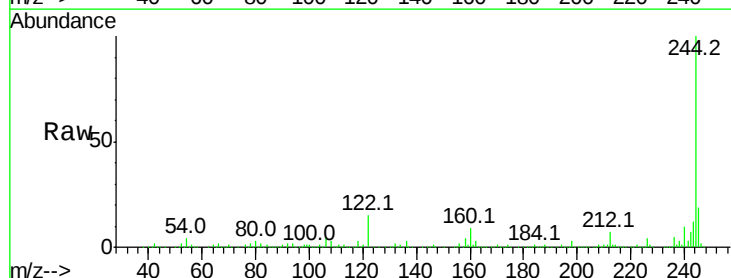
Tgt Ion:244 Resp: 672233

Ion Ratio Lower Upper

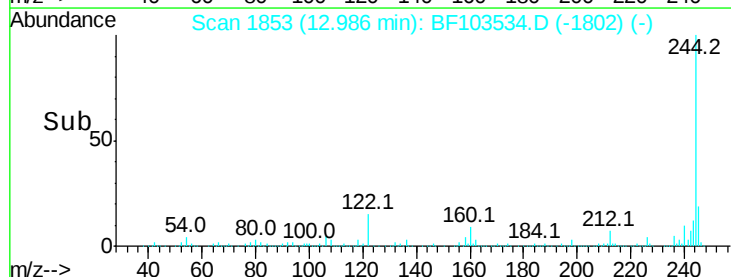
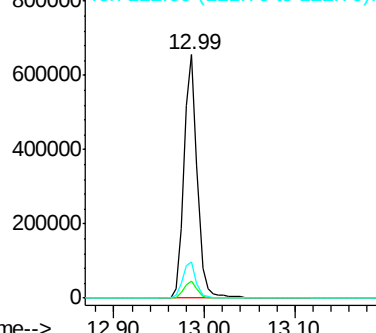
244 100

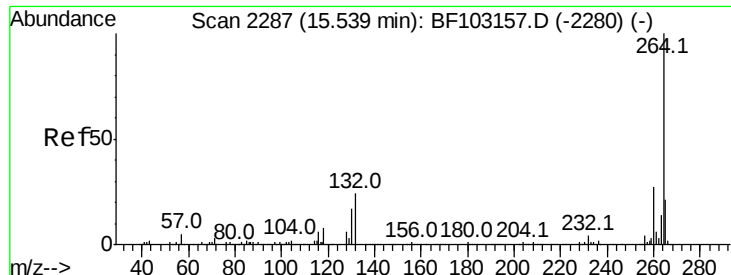
212 6.9 5.4 8.0

122 14.7 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

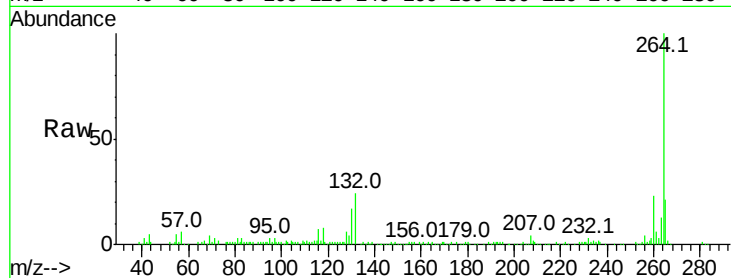




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103534.D
 Acq: 8 Mar 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	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

