

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103543.D
 Acq On : 9 Mar 2018 4:17
 Operator : SJ/JU
 Sample : J1817-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 05:31:17 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

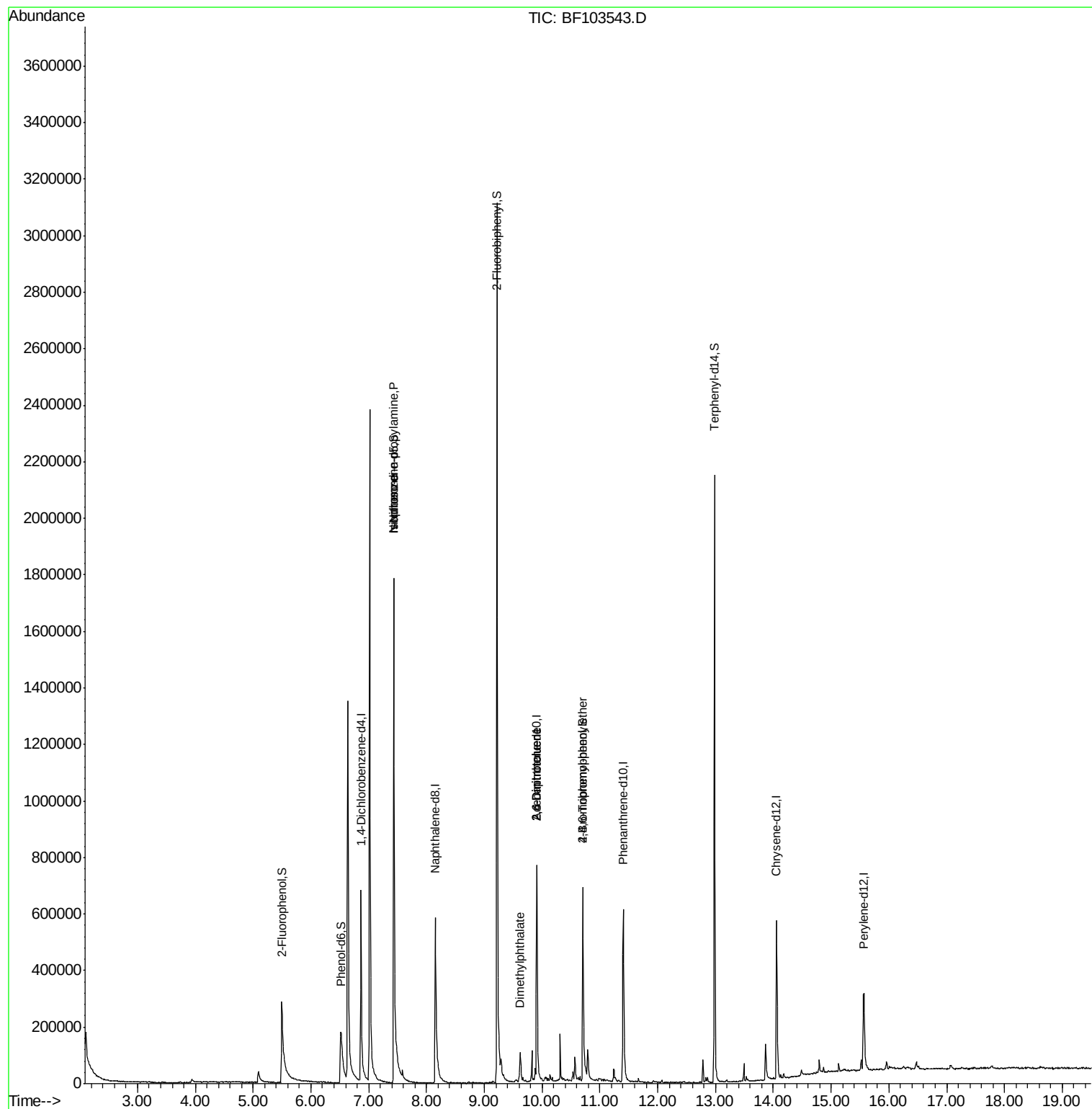
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135090	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	554951	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	207428	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	318598	20.00	ng	0.00
75) Chrysene-d12	14.06	240	231493	20.00	ng	0.00
86) Perylene-d12	15.57	264	169366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	255267	28.58	ng	0.01
7) Phenol-d6	6.52	99	197387	18.06	ng	0.01
23) Nitrobenzene-d5	7.43	82	872568	89.79	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	95242	54.25	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1194220	104.76	ng	0.00
78) Terphenyl-d14	12.99	244	762434	79.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	111906	16.451	ng	# 85
25) Isophorone	7.43	82	876208	45.782	ng	# 64
49) Dimethylphthalate	9.62	163	54264	3.261	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	25948	7.431	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	26077	5.905	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	7525	2.267	ng	# 1

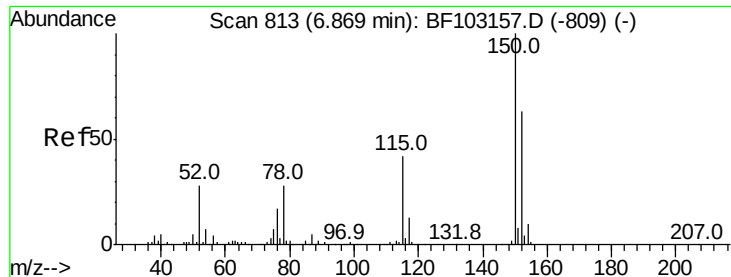
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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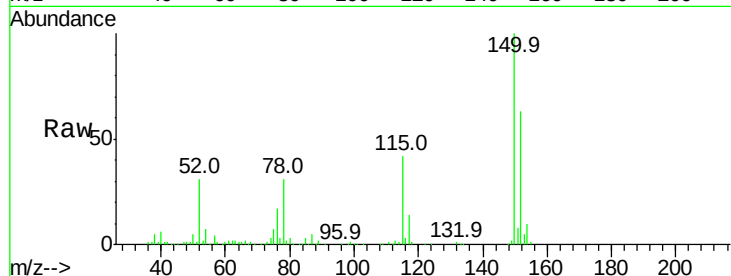


#1

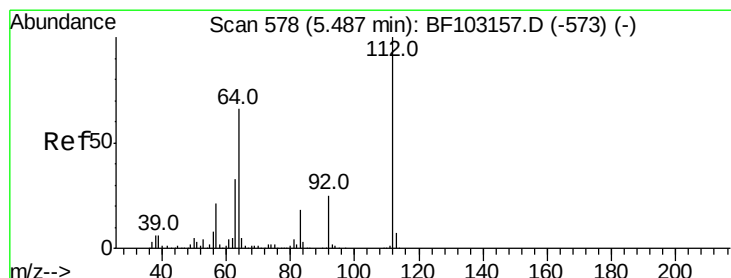
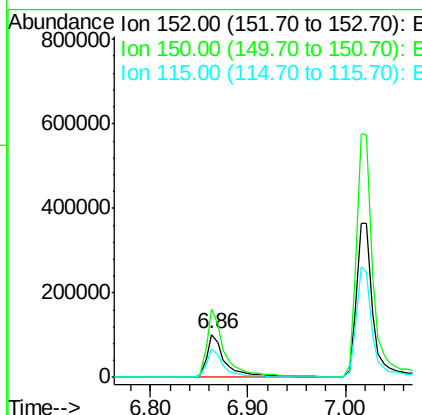
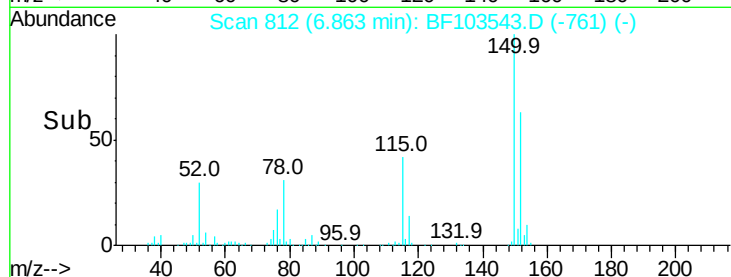
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103543.D
Acq: 9 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	66.1	50.1	75.1



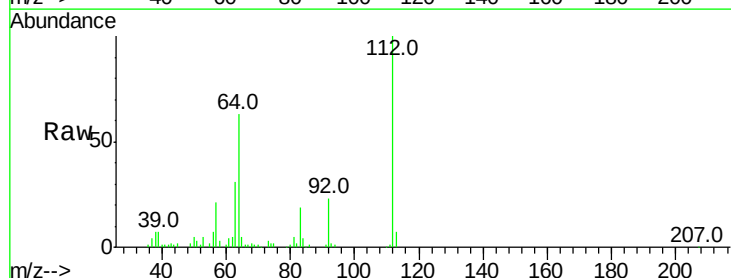
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



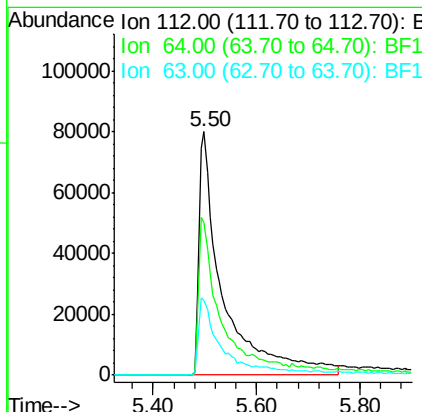
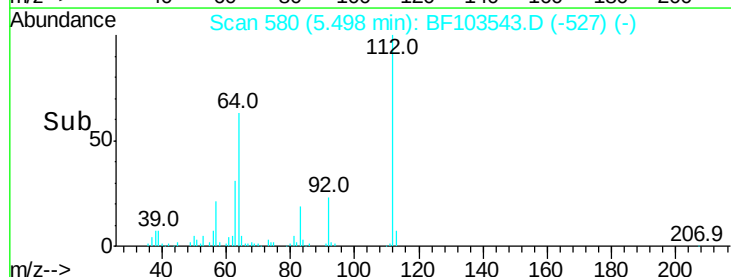
#5

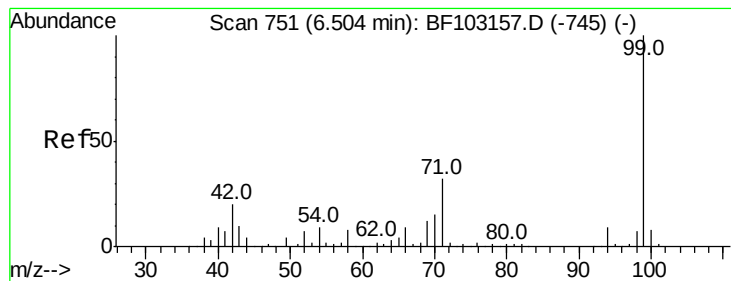
2-Fluorophenol
Concen: 28.579 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103543.D
Acq: 9 Mar 2018 4:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	30.7	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: 18.060 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

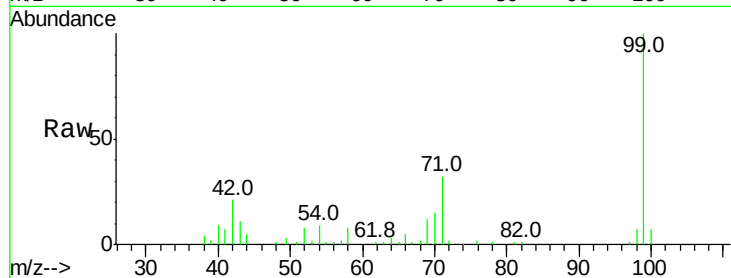
Tot Ion: 99 Resp: 197387

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

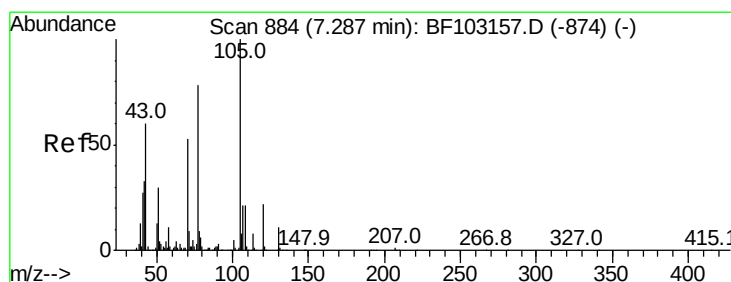
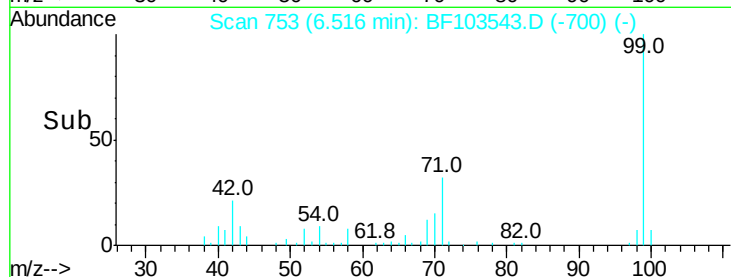
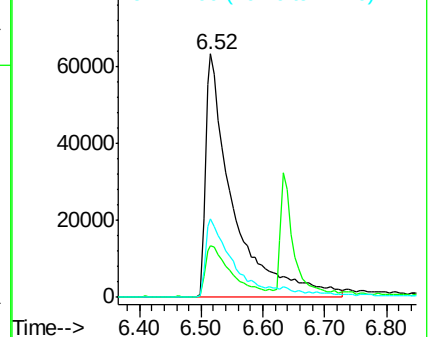
71 32.2 25.4 38.0



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: 16.451 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

Tgt Ion: 70 Resp: 111906

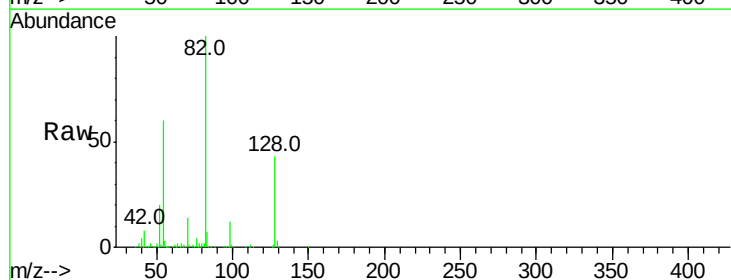
Ion Ratio Lower Upper

70 100

42 56.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

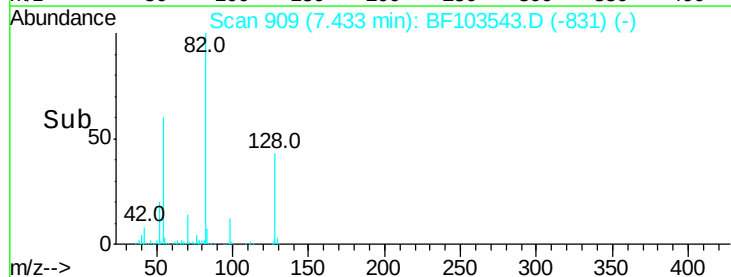
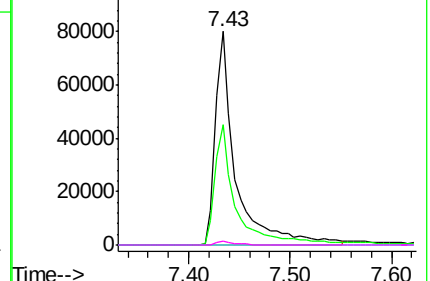


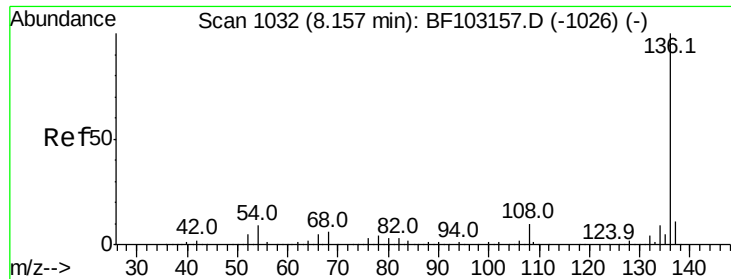
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

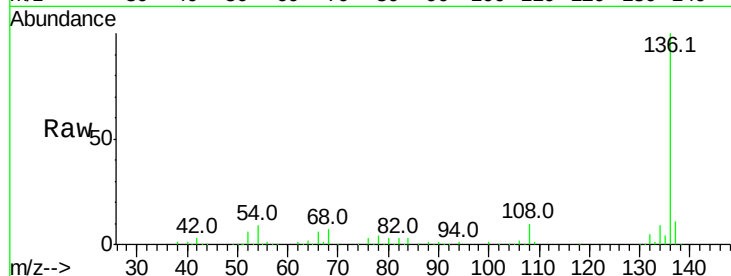




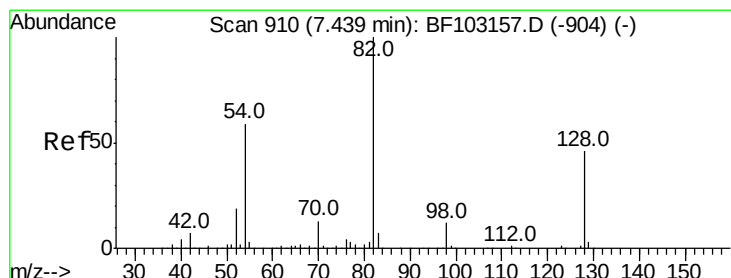
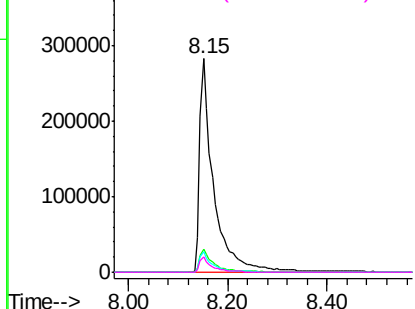
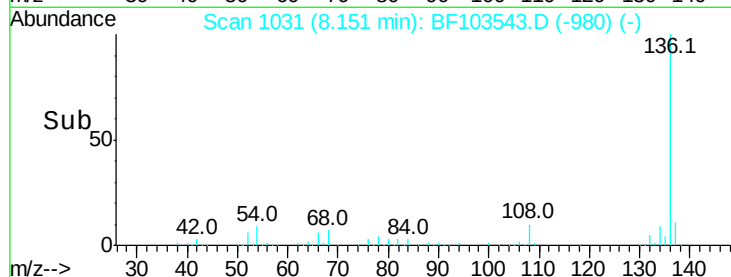
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF103543.D
Acq: 9 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	554951
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.4	6.6	9.8
68	7.0	5.0	7.4

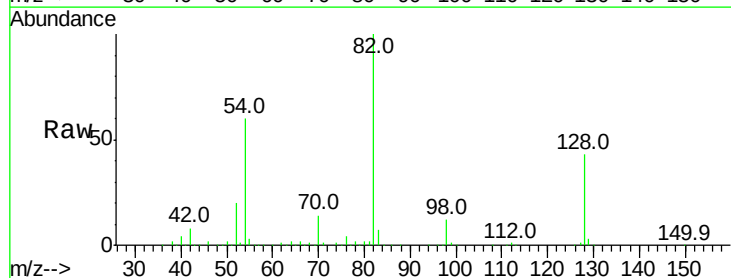


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

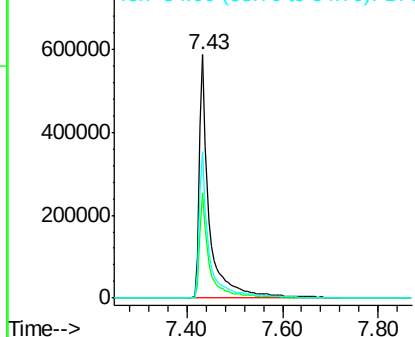
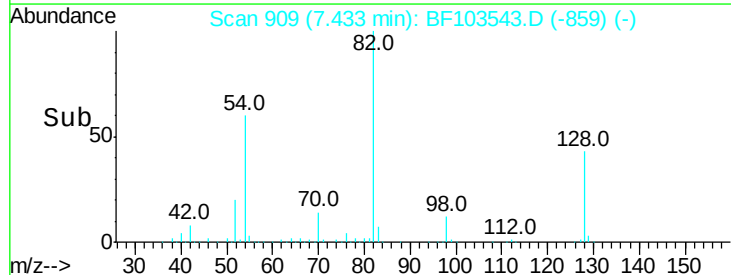


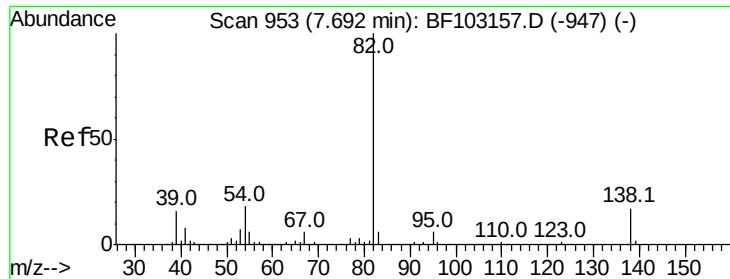
#23
Nitrobenzene-d5
Concen: 89.794 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103543.D
Acq: 9 Mar 2018 4:17

Tgt Ion:	82	Resp:	872568
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	59.9	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: 45.782 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

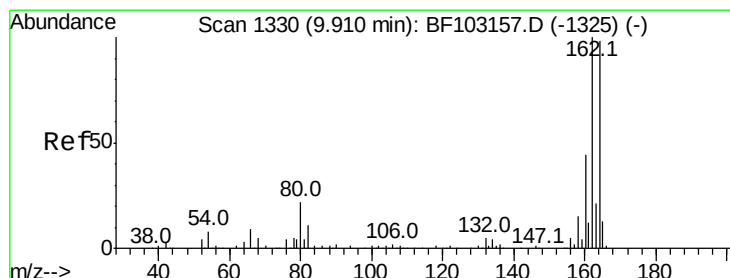
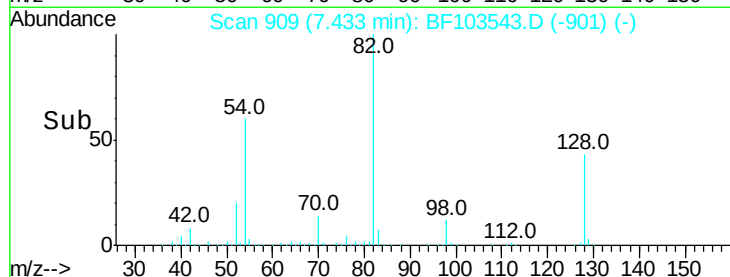
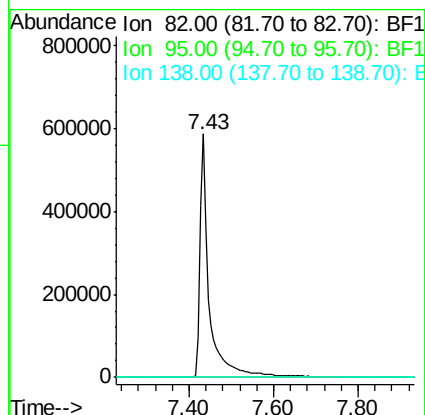
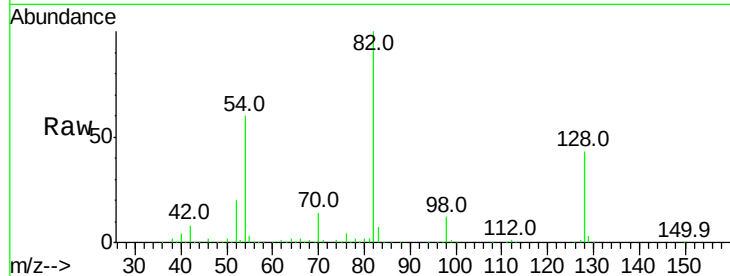
Tot Ion: 82 Resp: 876208

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

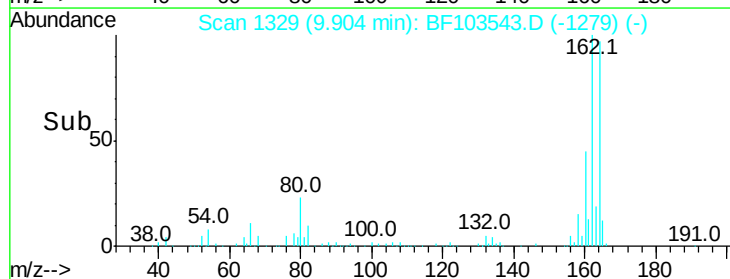
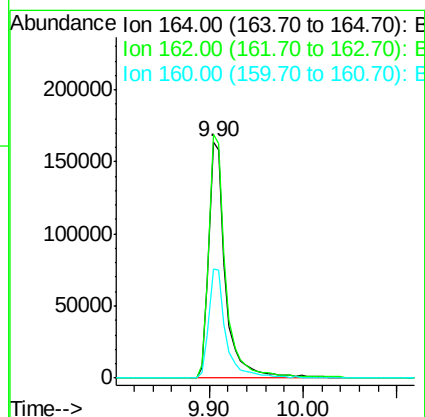
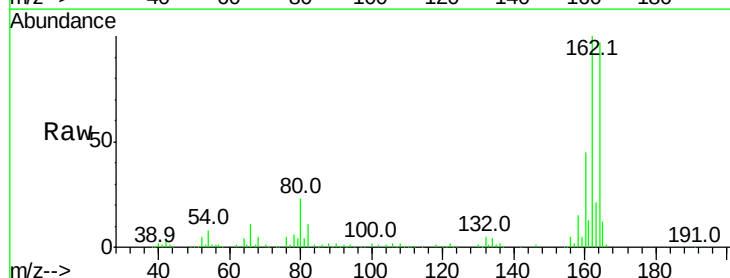
Tgt Ion:164 Resp: 207428

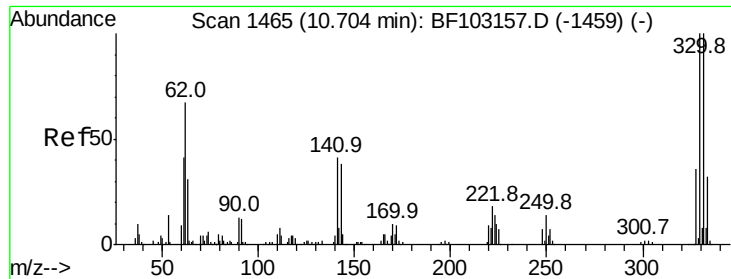
Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

160 46.5 38.3 57.5

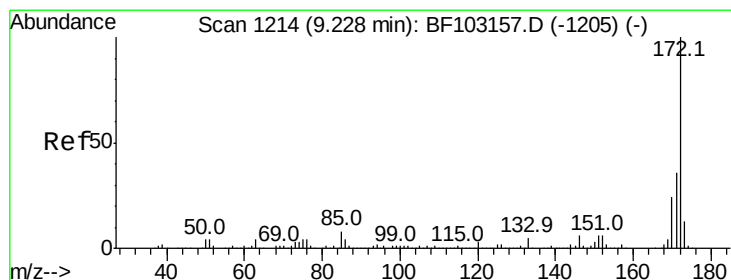
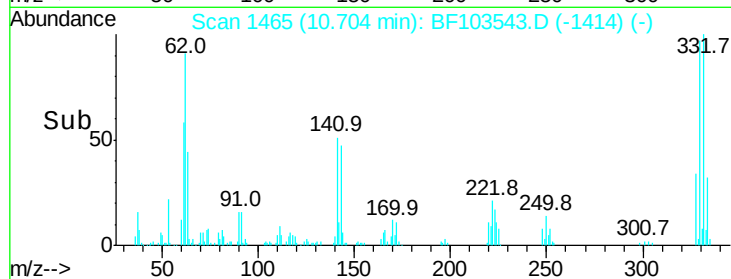
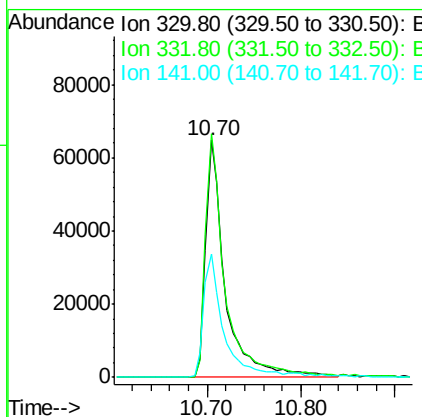
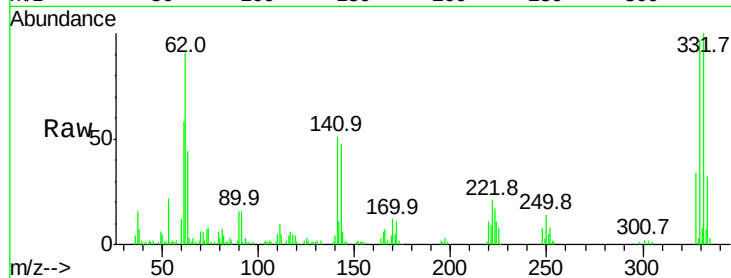




#41
 2,4,6-Tribromophenol
 Concen: 54.245 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103543.D
 Acq: 9 Mar 2018 4:17

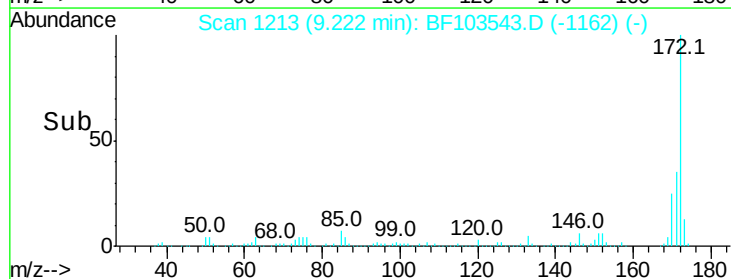
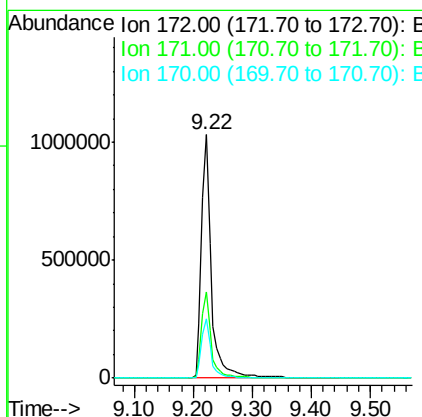
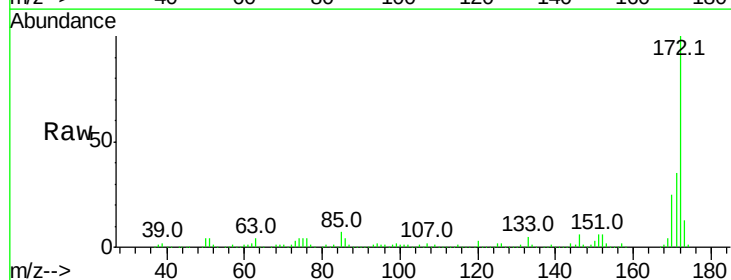
Instrument :
 BNA_F
 ClientSampleId :

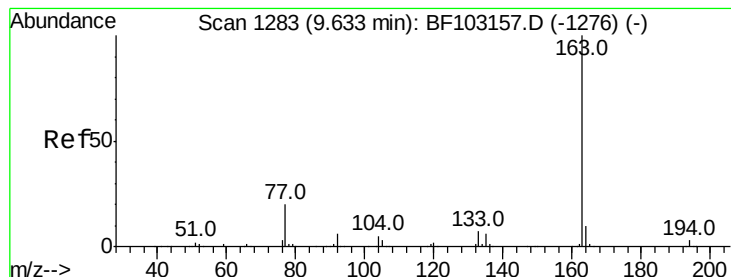
Tot Ion:330 Resp: 95242
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.0 115.6
 141 52.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 104.764 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103543.D
 Acq: 9 Mar 2018 4:17

Tgt Ion:172 Resp: 1194220
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.6 19.6 29.4





#49

Dimethylphthalate

Concen: 3.261 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

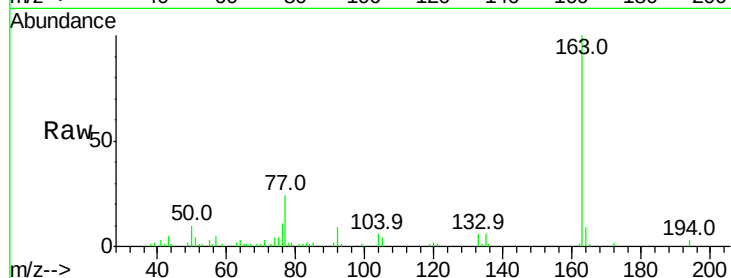
Tot Ion:163 Resp: 54264

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

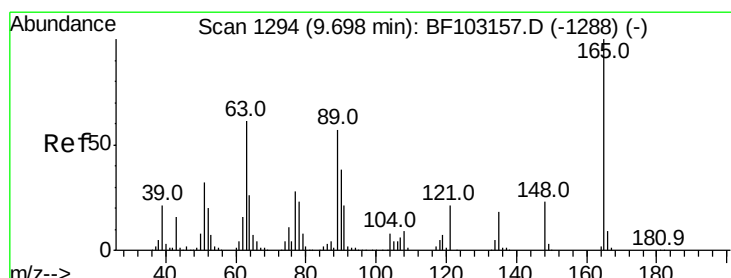
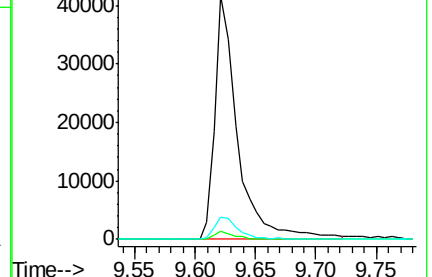
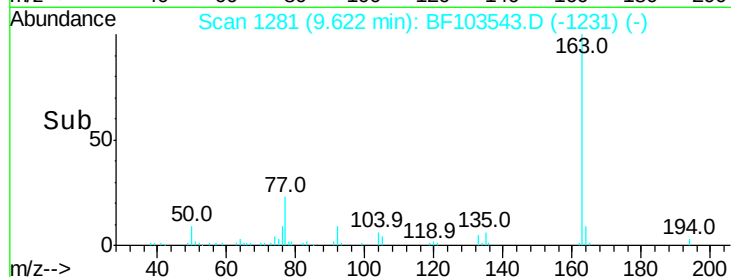
164 9.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.431 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.20 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

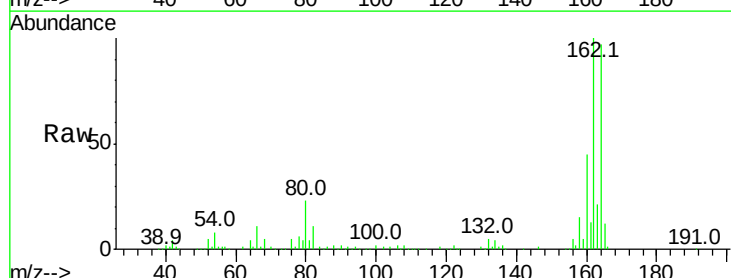
Tgt Ion:165 Resp: 25948

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

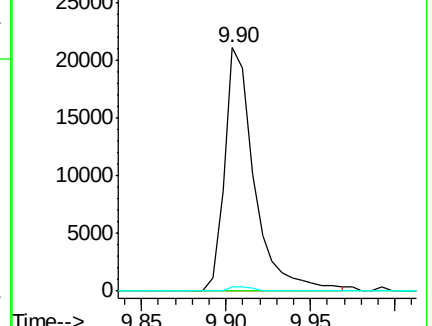
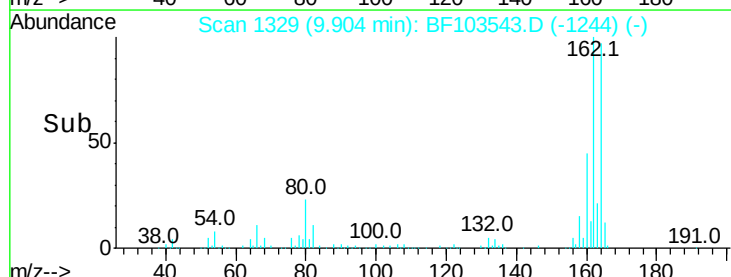
89 1.6 44.0 66.0#

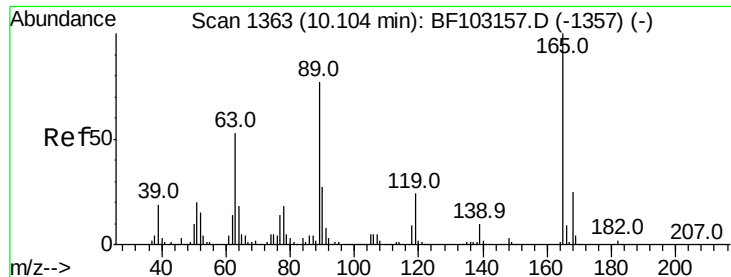


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

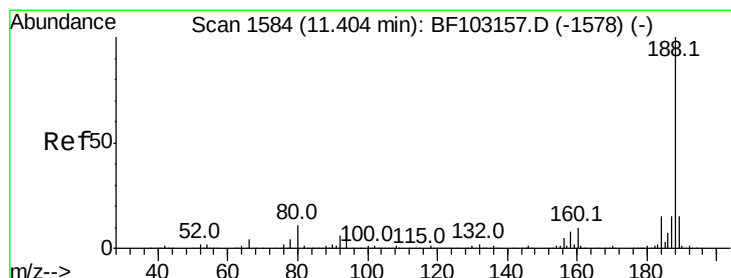
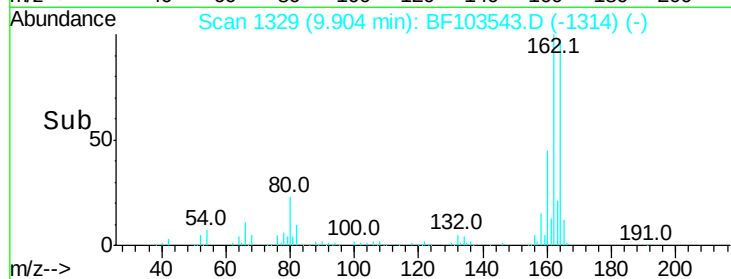
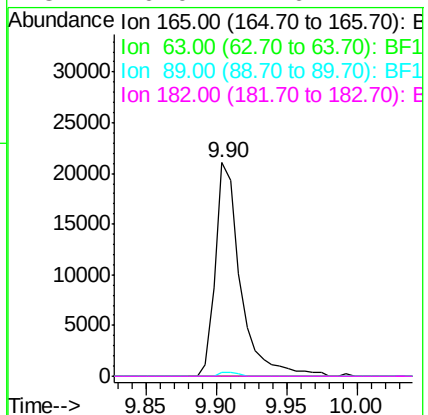
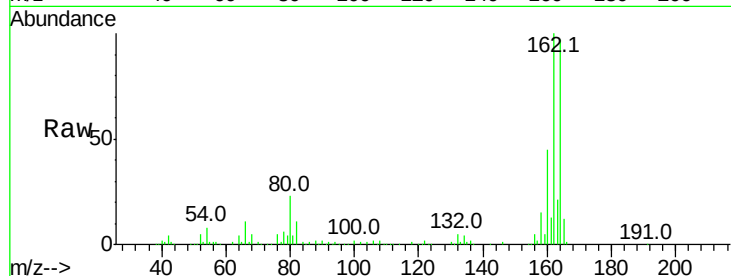




#56
 2,4-Dinitrotoluene
 Concen: 5.905 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103543.D
 Acq: 9 Mar 2018 4:17

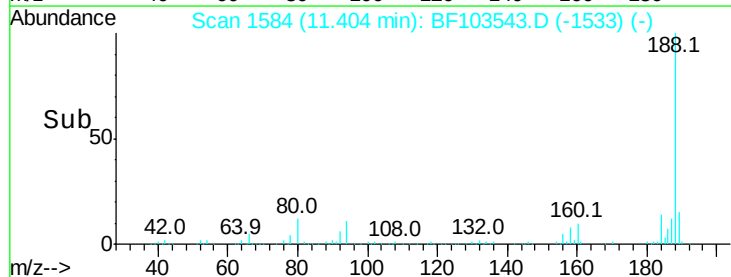
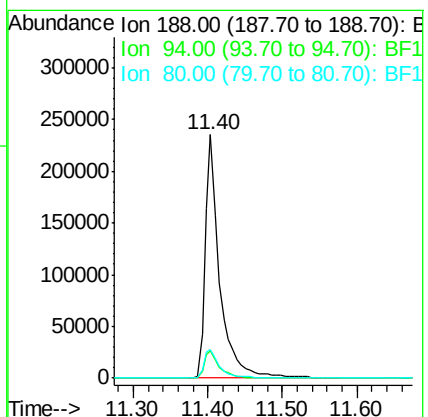
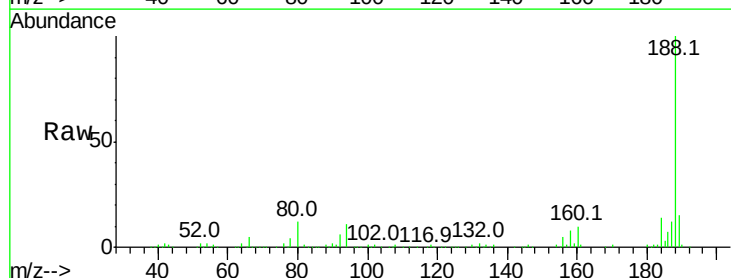
Instrument :
 BNA_F
 ClientSampleId :

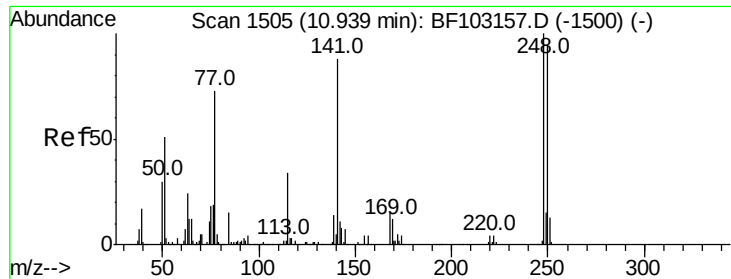
Tot Ion:	165	Resp:	26077
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103543.D
 Acq: 9 Mar 2018 4:17

Tgt Ion:	188	Resp:	318598
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.0	9.2	13.8

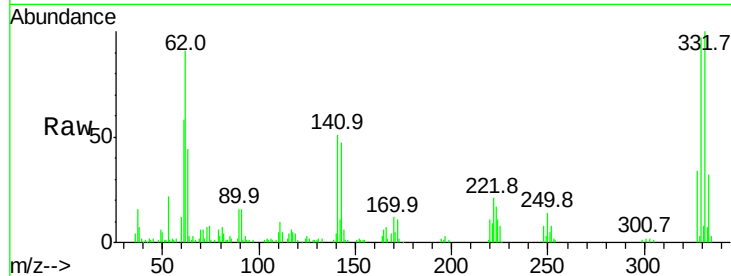




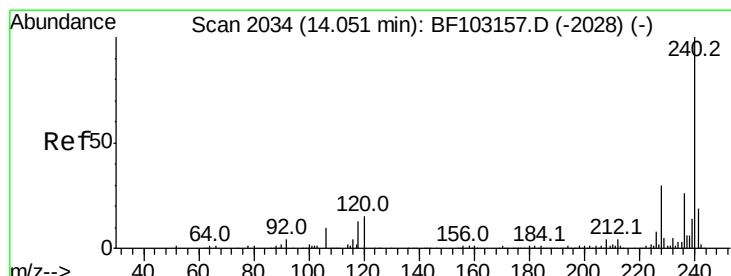
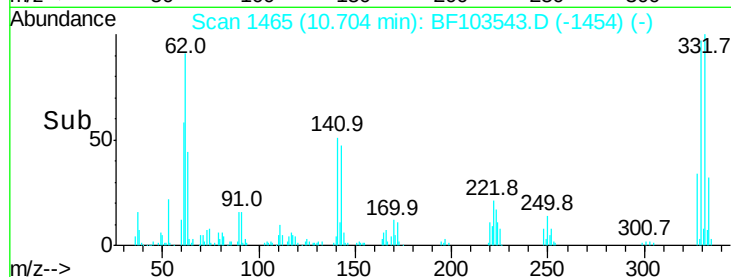
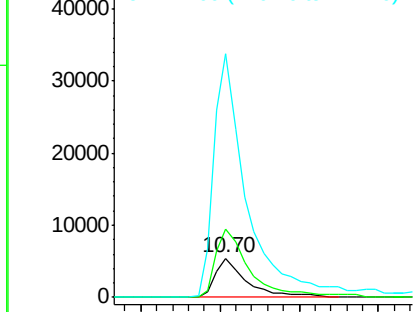
#66
4-Bromophenyl-phenylether
Concen: 2.267 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103543.D
Acq: 9 Mar 2018 4:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7525
Ion Ratio Lower Upper
248 100
250 174.9 76.9 115.3#
141 623.3 74.4 111.6#

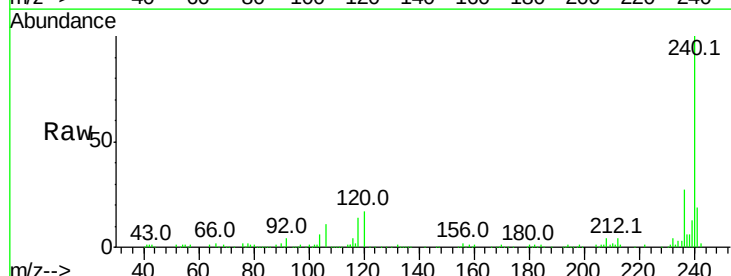


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

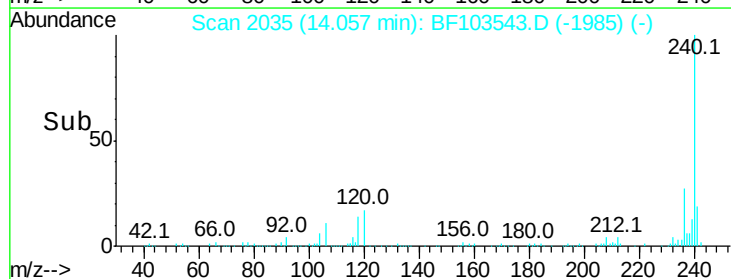
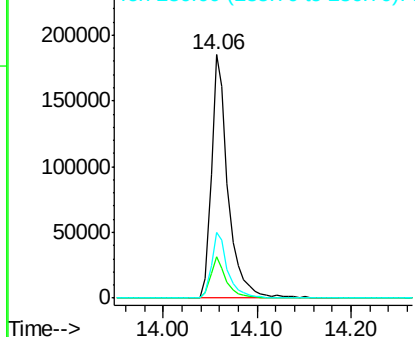


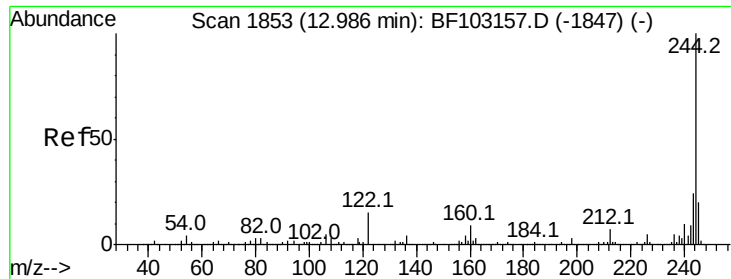
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103543.D
Acq: 9 Mar 2018 4:17

Tgt Ion:240 Resp: 231493
Ion Ratio Lower Upper
240 100
120 16.9 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: 79.173 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103543.D

Acq: 9 Mar 2018 4:17

Instrument :

BNA_F

ClientSampled :

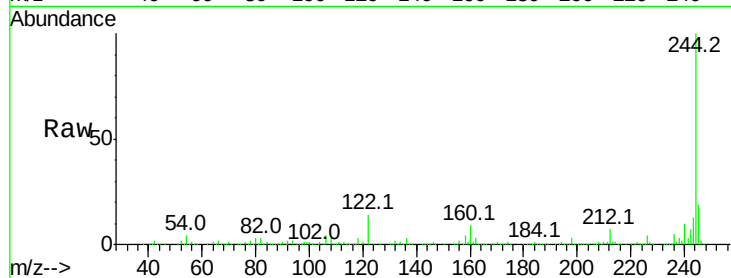
Tot Ion:244 Resp: 762434

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

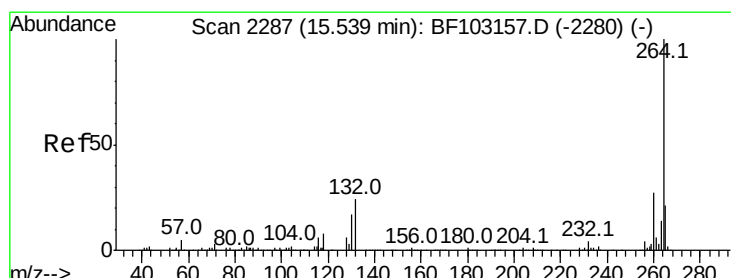
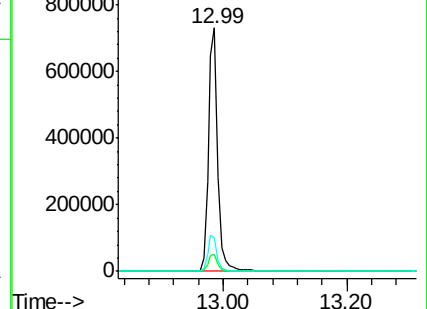
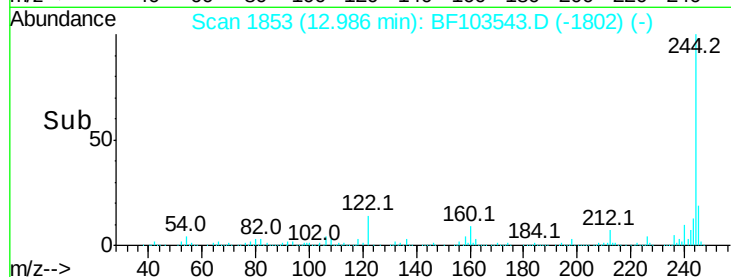
122 13.8 11.0 16.4



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: BF103543.D

Acq: 9 Mar 2018 4:17

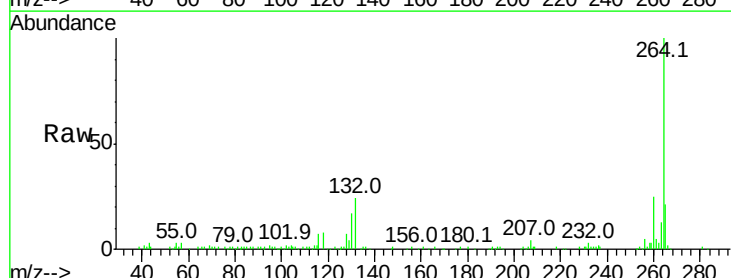
Tgt Ion:264 Resp: 169366

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

