

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103548.D
 Acq On : 9 Mar 2018 6:29
 Operator : SJ/JU
 Sample : PB107179BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 07:02:18 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

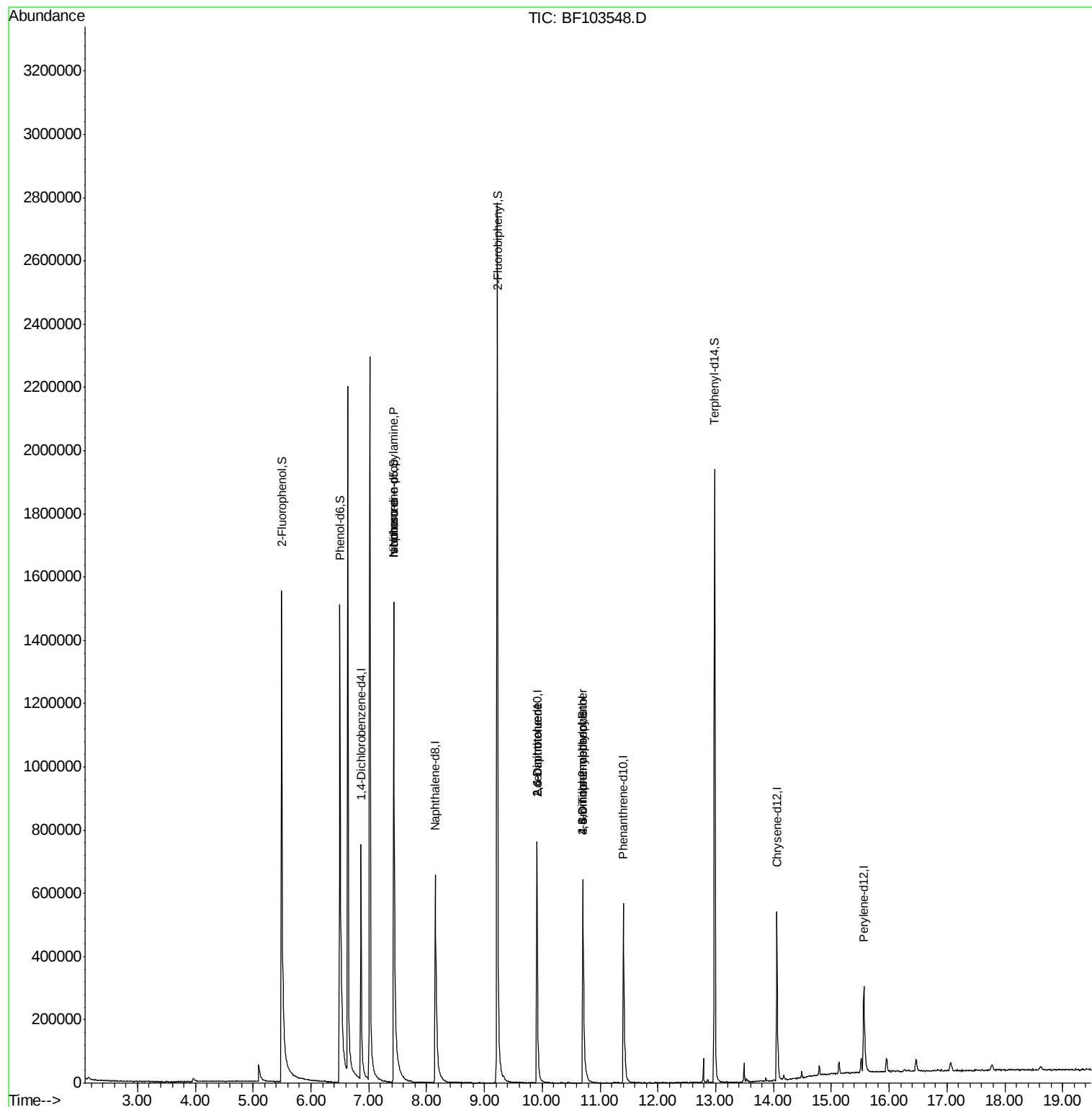
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142122	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	581835	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	221615	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	340330	20.00	ng	0.00
75) Chrysene-d12	14.06	240	238018	20.00	ng	0.00
86) Perylene-d12	15.56	264	169637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	707143	75.25	ng	0.00
7) Phenol-d6	6.50	99	899327	78.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	794523	77.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	91777	48.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1137983	89.58	ng	0.00
78) Terphenyl-d14	12.98	244	715282	72.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1453	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	101717	14.214	ng	# 87
25) Isophorone	7.43	82	794523	39.596	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	28147	7.544	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	28147	5.965	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	108	4.992	ng	# 73
66) 4-Bromophenyl-phenylether	10.70	248	7138	2.013	ng	# 1

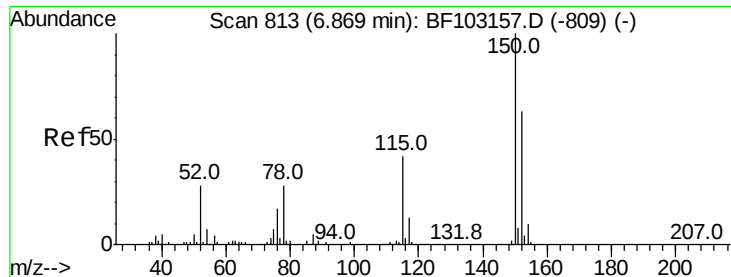
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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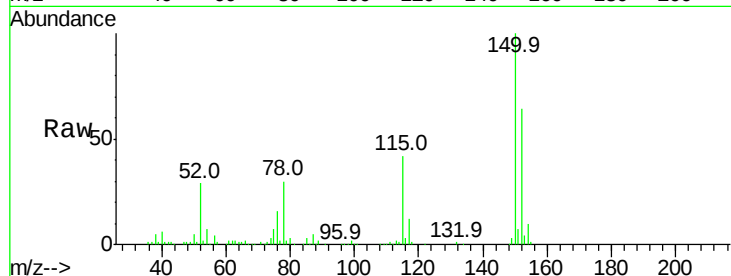


#1

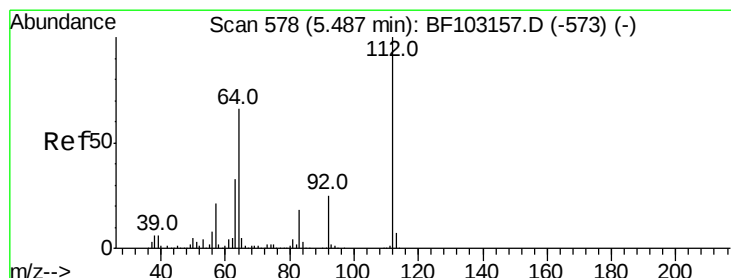
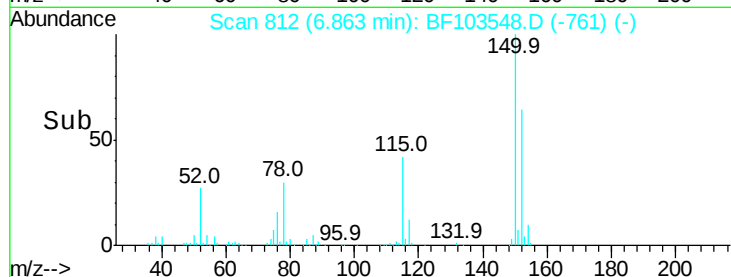
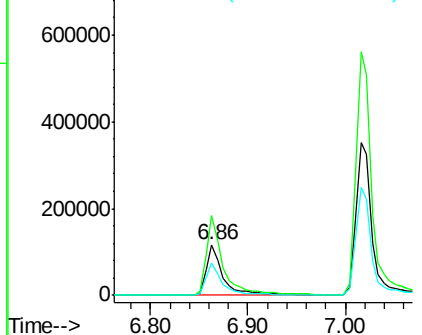
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103548.D
Acq: 9 Mar 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	65.1	50.1	75.1



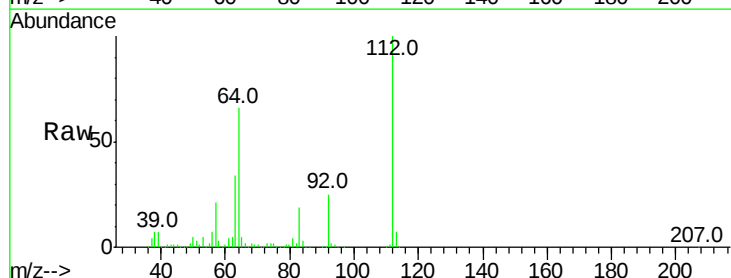
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



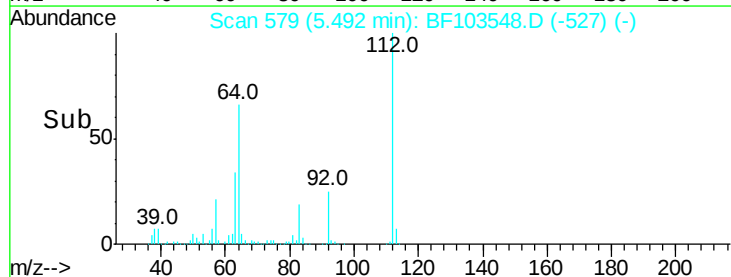
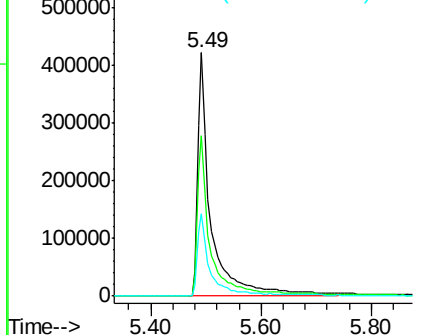
#5

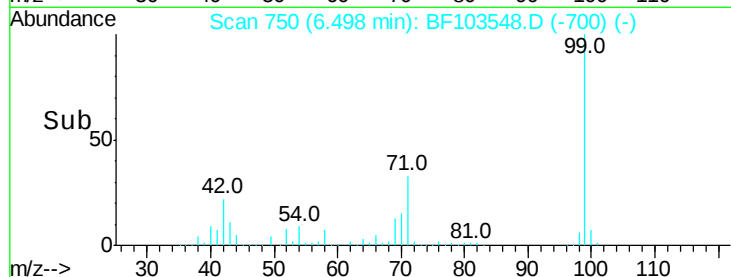
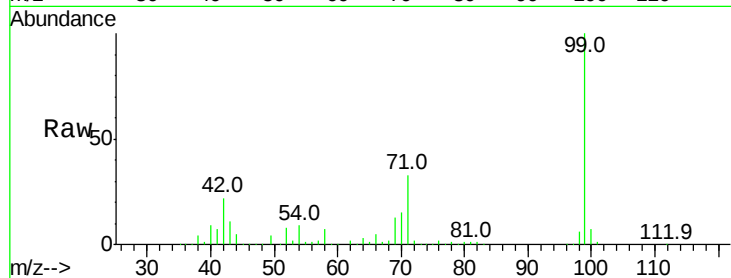
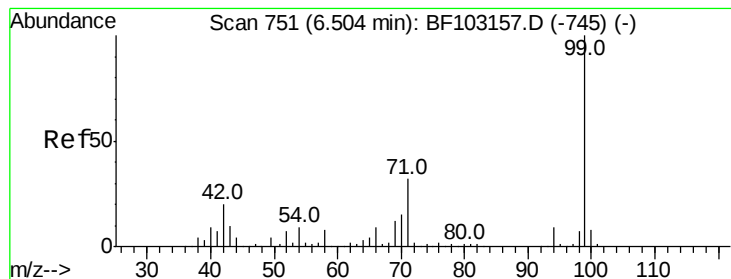
2-Fluorophenol
Concen: 75.252 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103548.D
Acq: 9 Mar 2018 6:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	33.6	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: 78.212 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

Instrument :

BNA_F

ClientSampleId :

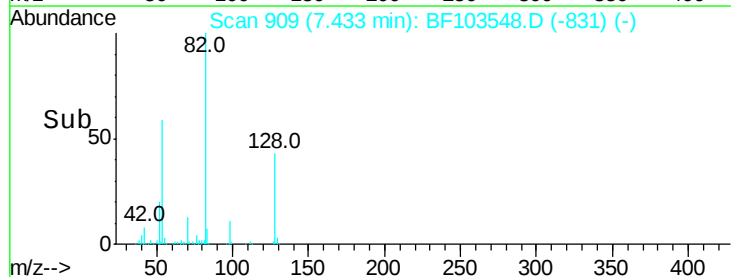
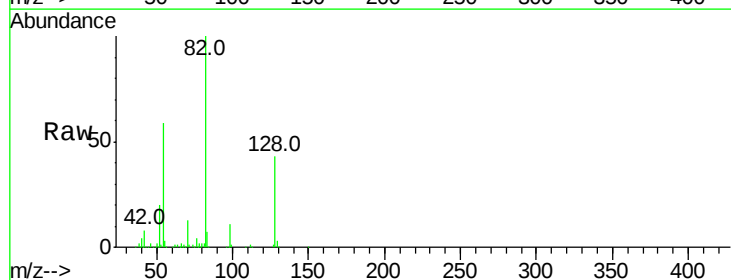
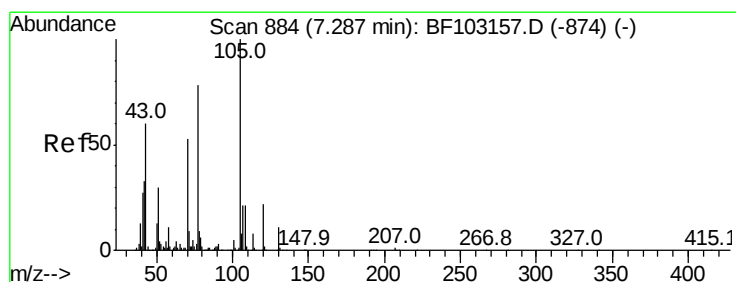
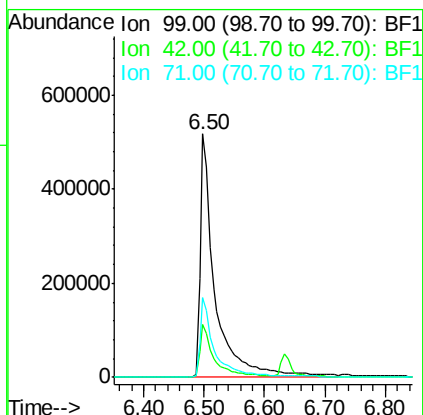
Tot Ion: 99 Resp: 899327

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

71 32.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.214 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

Tgt Ion: 70 Resp: 101717

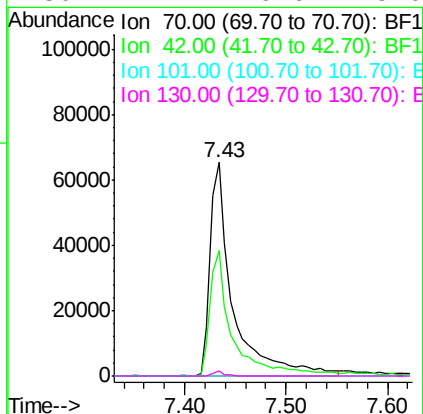
Ion Ratio Lower Upper

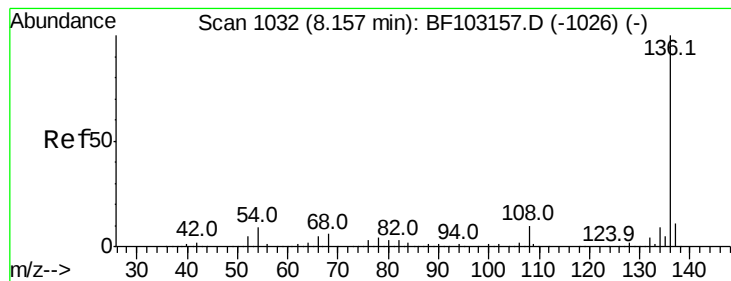
70 100

42 58.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 581835

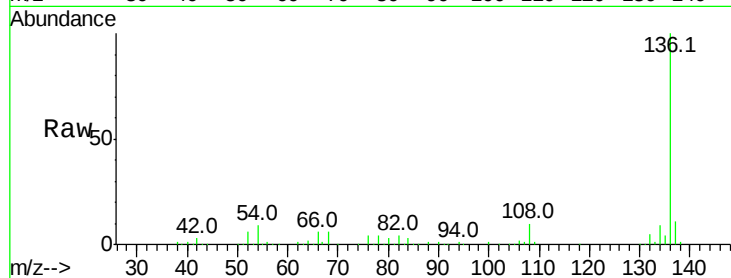
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.2 6.6 9.8

68 6.3 5.0 7.4

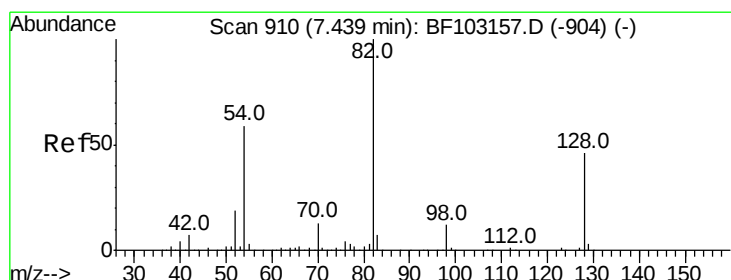
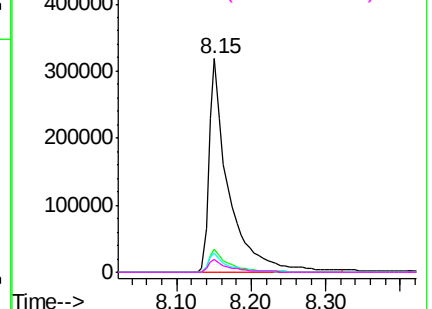
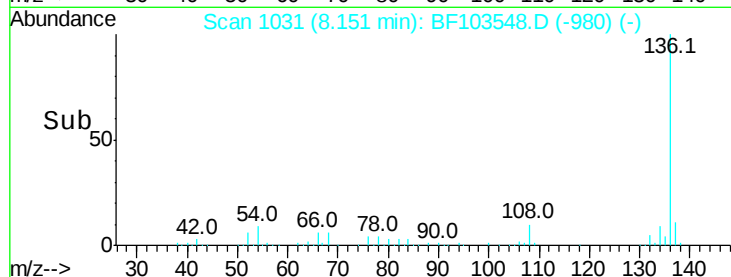


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.984 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

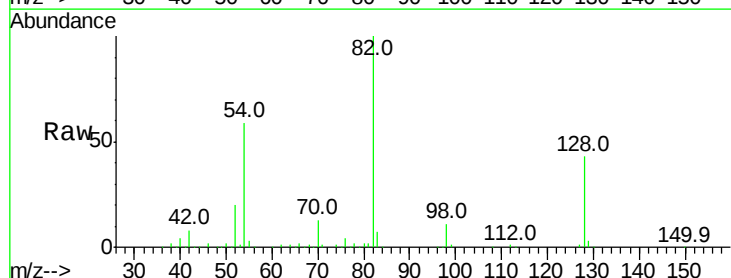
Tgt Ion: 82 Resp: 794523

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

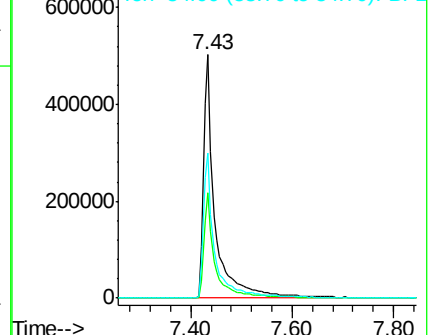
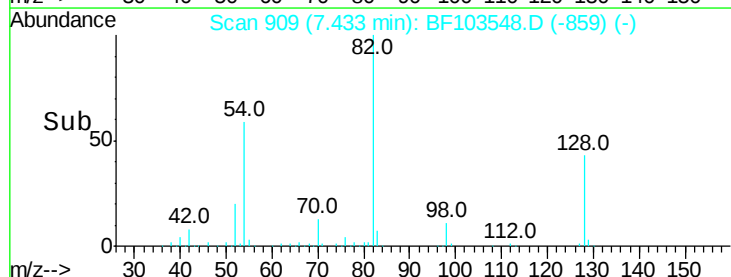
54 59.4 41.4 62.2

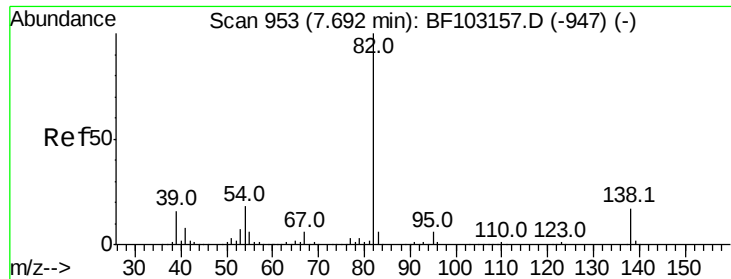


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.596 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

Instrument :

BNA_F

ClientSampleId :

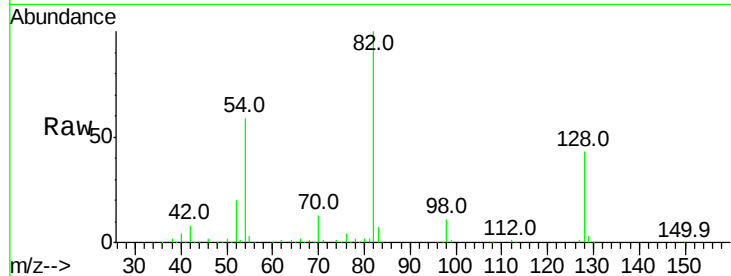
Tot Ion: 82 Resp: 794523

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

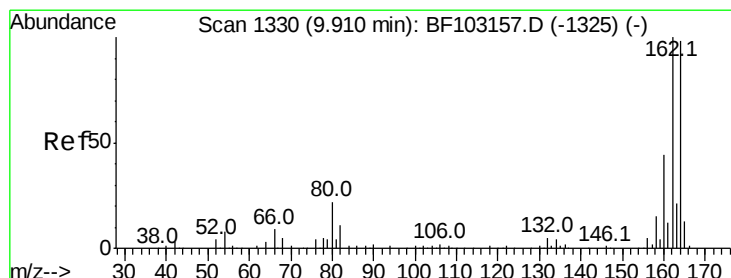
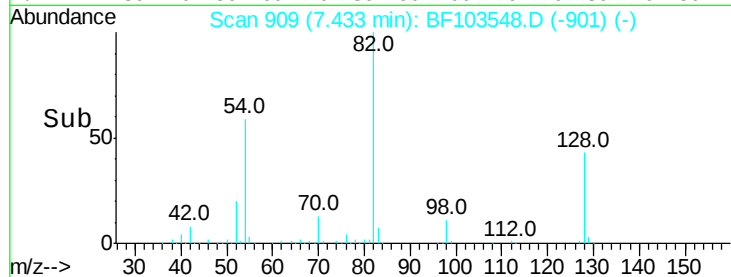
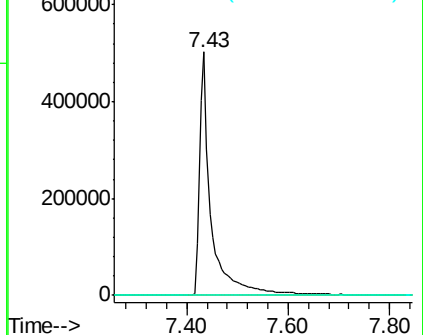
138 0.0 14.9 22.3#



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: BF103548.D

Acq: 9 Mar 2018 6:29

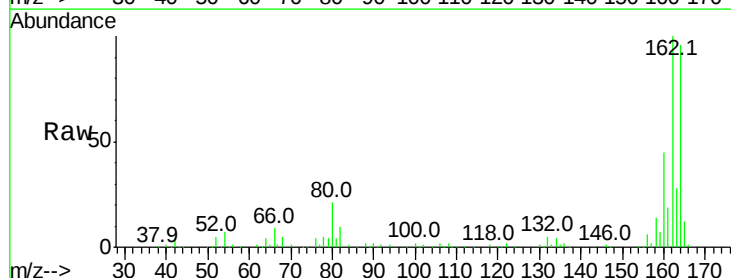
Tgt Ion:164 Resp: 221615

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

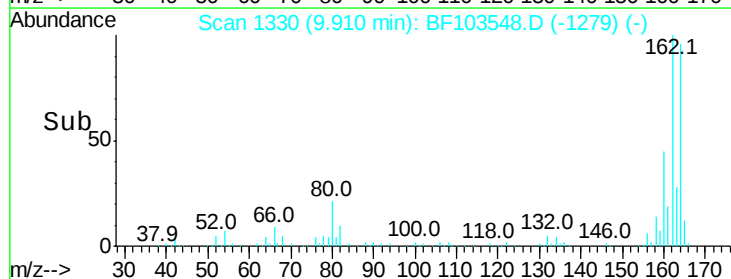
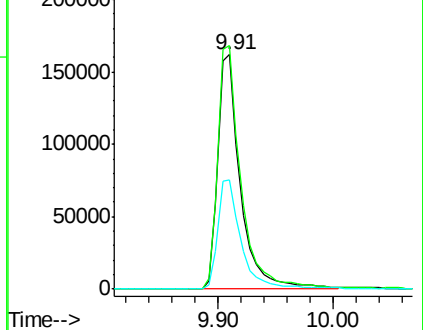
160 46.6 38.3 57.5



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

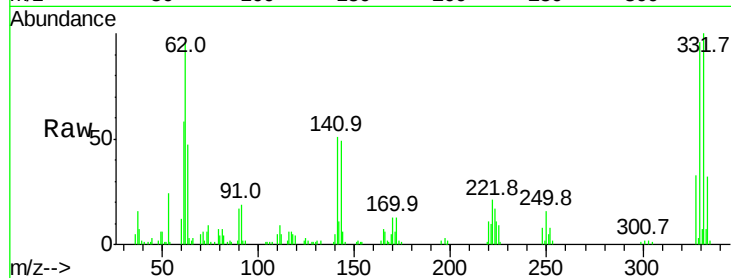




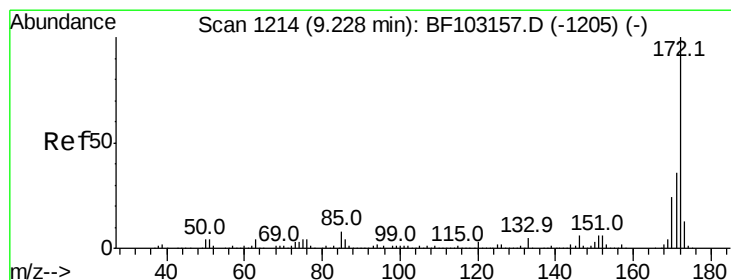
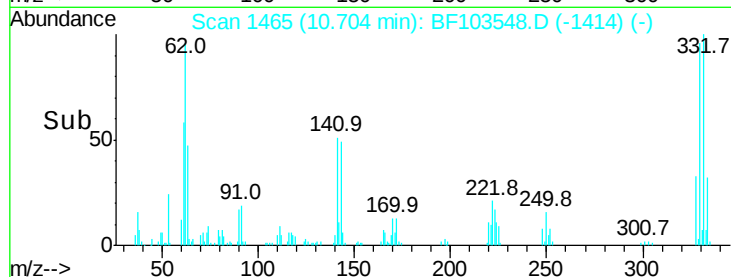
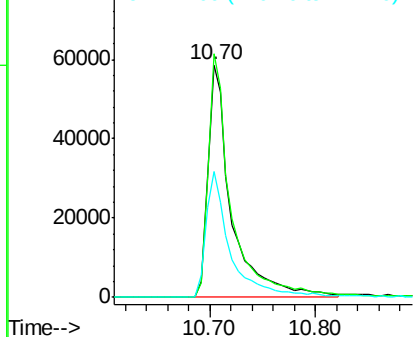
#41
 2,4,6-Tribromophenol
 Concen: 48.926 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103548.D
 Acq: 9 Mar 2018 6:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 91777
 Ion Ratio Lower Upper
 330 100
 332 104.2 77.0 115.6
 141 56.3 29.9 44.9#

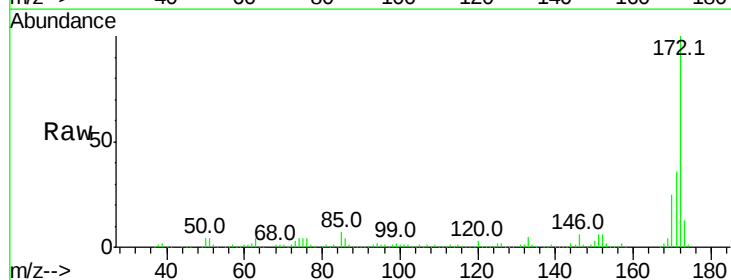


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

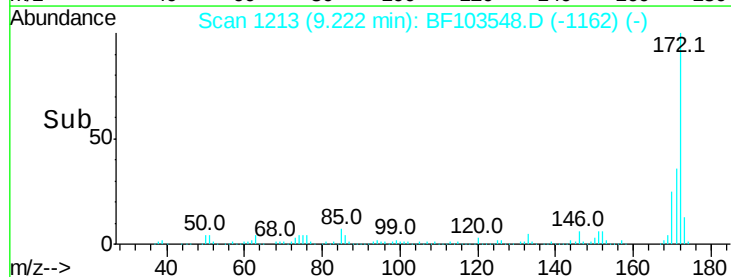
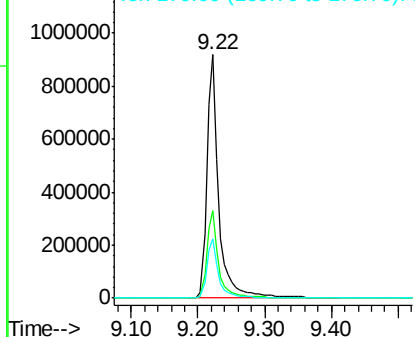


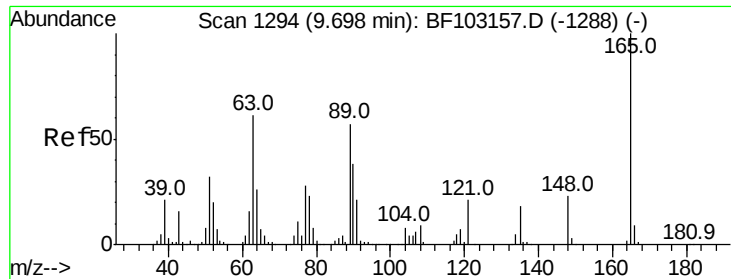
#44
 2-Fluorobiphenyl
 Concen: 89.578 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103548.D
 Acq: 9 Mar 2018 6:29

Tgt Ion:172 Resp: 1137983
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

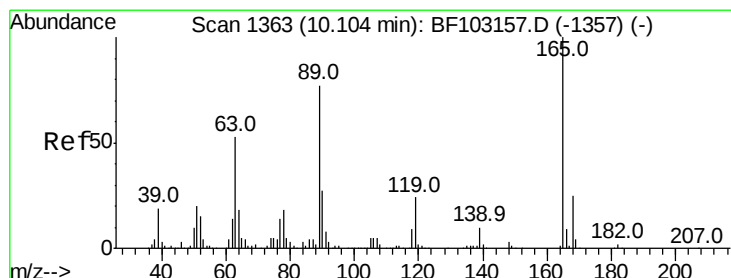
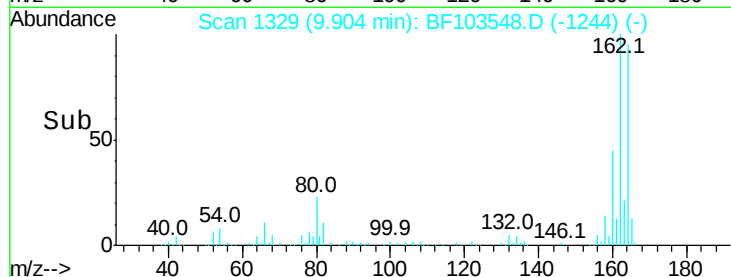
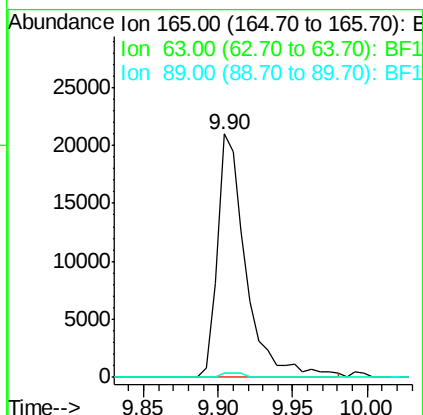
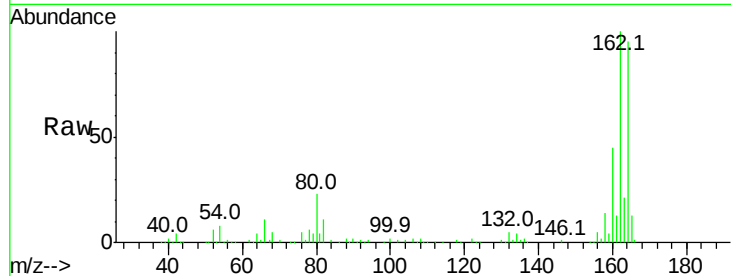




#50
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF103548.D
 Acq: 9 Mar 2018 6:29

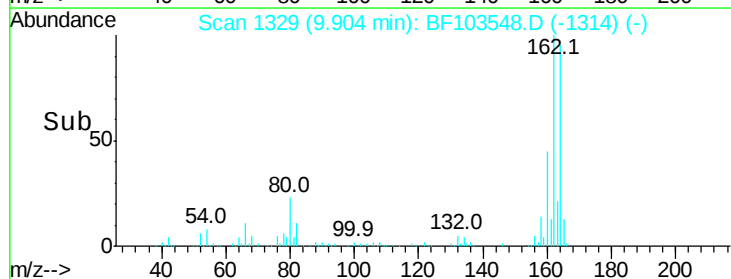
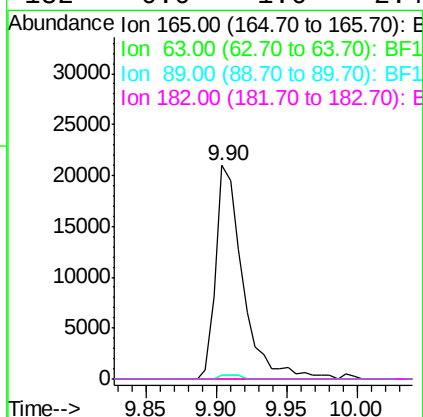
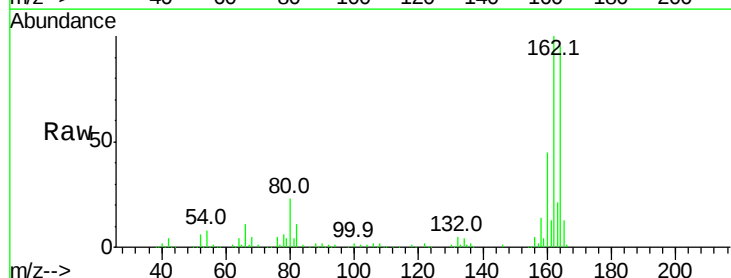
Instrument :
 BNA_F
 ClientSampleId :

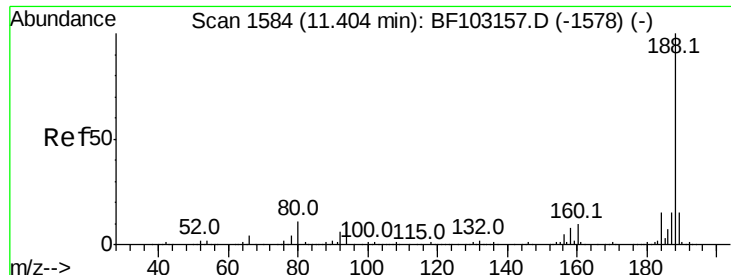
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.965 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103548.D
 Acq: 9 Mar 2018 6:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

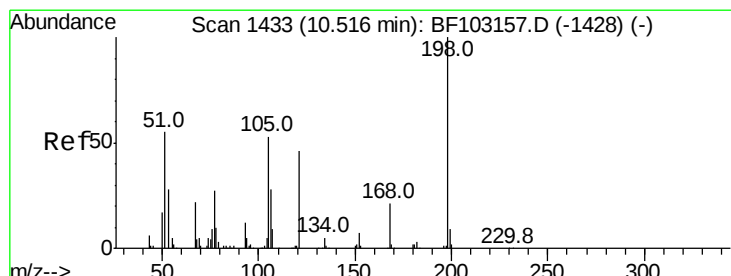
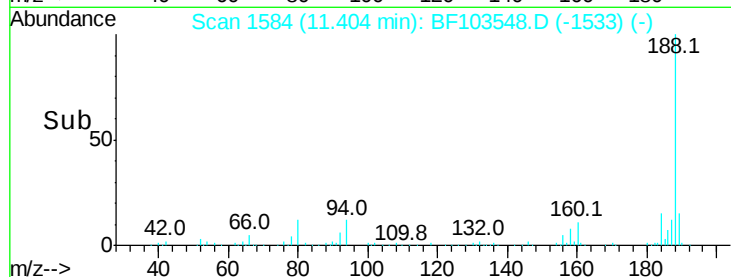
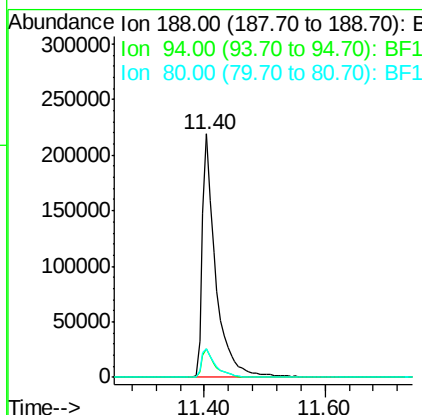
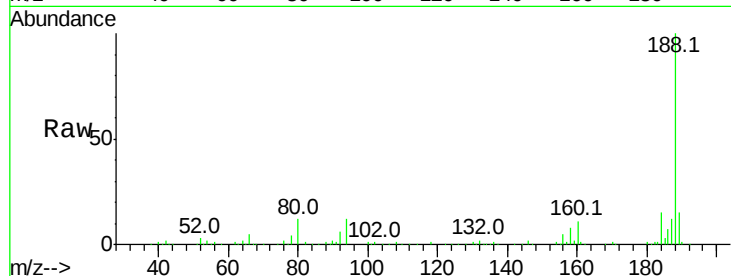




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103548.D
 Acq: 9 Mar 2018 6:29

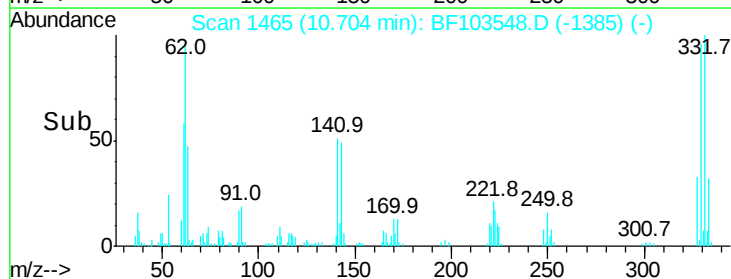
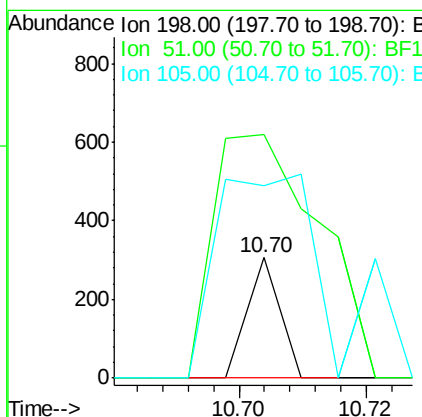
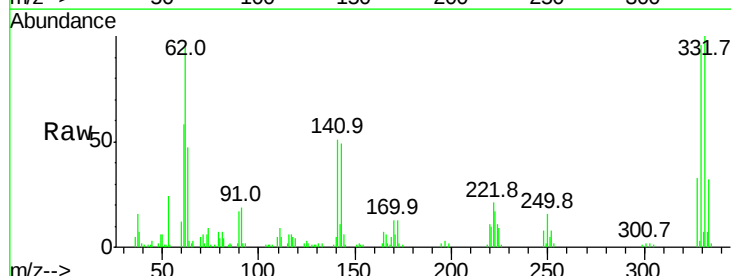
Instrument :
 BNA_F
 ClientSampled :

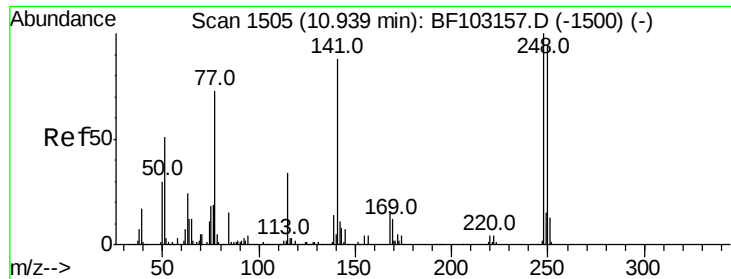
Tot Ion:188 Resp: 340330
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.992 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.17 min
 Lab File: BF103548.D
 Acq: 9 Mar 2018 6:29

Tgt Ion:198 Resp: 108
 Ion Ratio Lower Upper
 198 100
 51 41.8 37.7 77.7
 105 33.0 36.3 76.3#

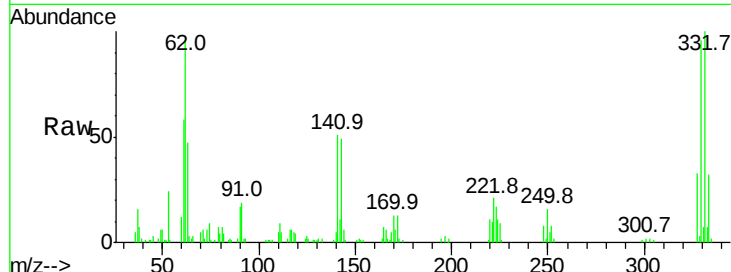




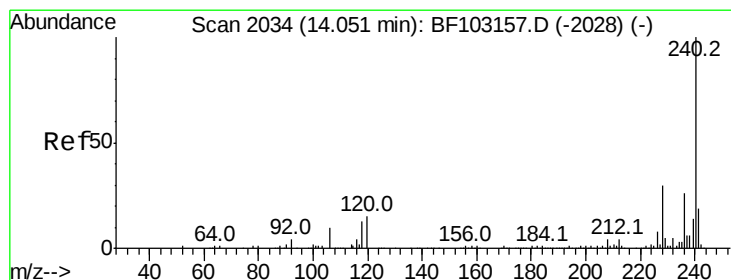
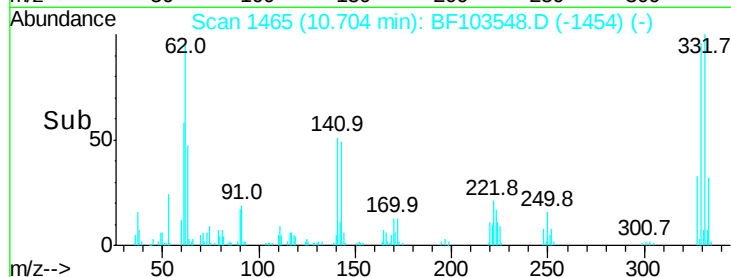
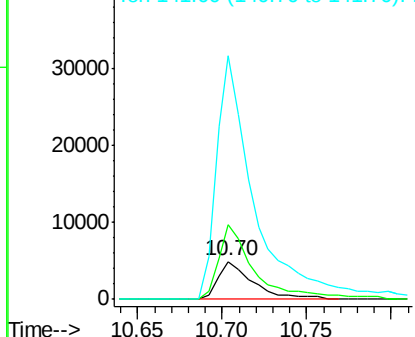
#66
4-Bromophenyl-phenylether
Concen: 2.013 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103548.D
Acq: 9 Mar 2018 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7138
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 649.2 74.4 111.6#

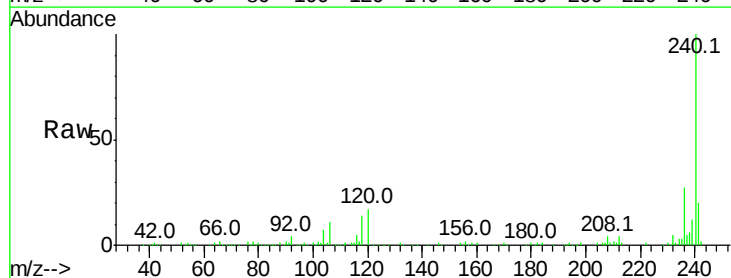


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

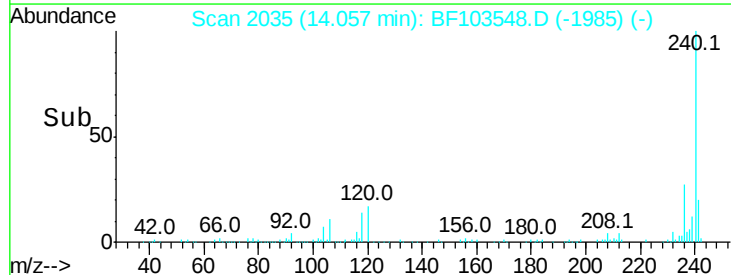
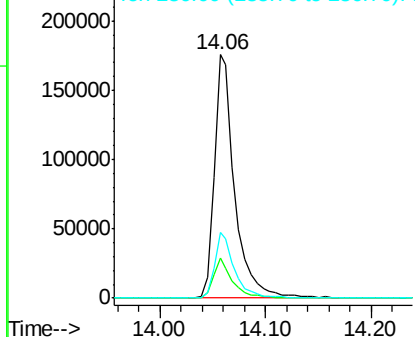


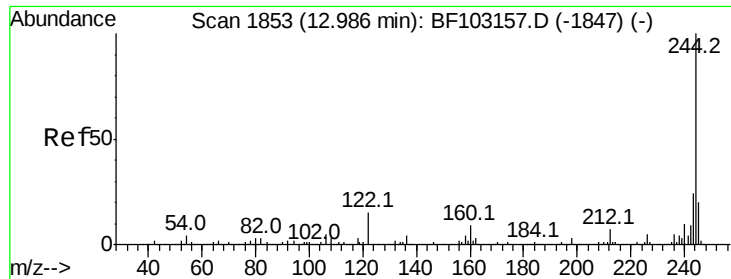
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103548.D
Acq: 9 Mar 2018 6:29

Tgt Ion:240 Resp: 238018
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: 72.240 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

Instrument :

BNA_F

ClientSampleId :

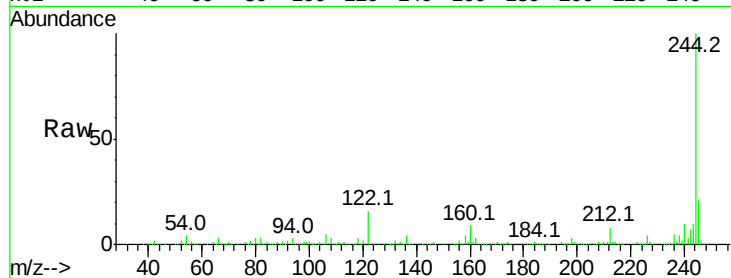
Tot Ion:244 Resp: 715282

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

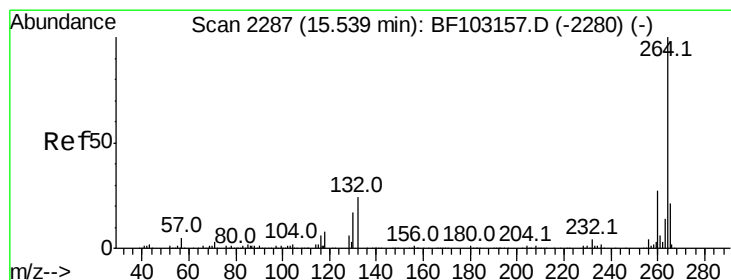
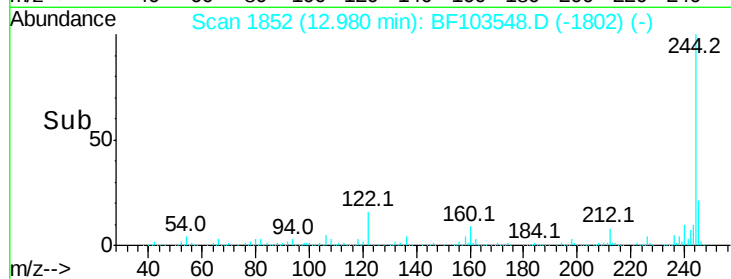
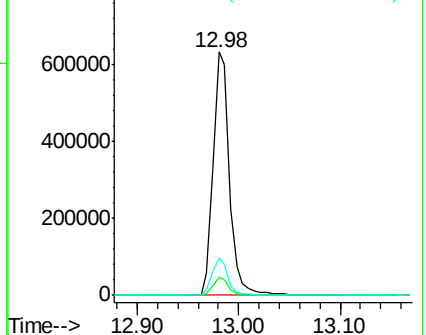
122 15.5 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103548.D

Acq: 9 Mar 2018 6:29

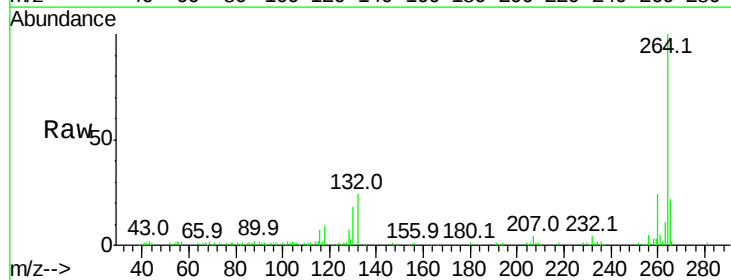
Tgt Ion:264 Resp: 169637

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 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

