

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103555.D
 Acq On : 9 Mar 2018 14:25
 Operator : SJ/JU
 Sample : PB107216BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 14:59:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143244	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	624338	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	267216	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	465085	20.00	ng	0.00
75) Chrysene-d12	14.06	240	266872	20.00	ng	0.00
86) Perylene-d12	15.57	264	237931	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1075767	113.58	ng	0.01
7) Phenol-d6	6.50	99	1283245	110.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	883233	80.79	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	194351	85.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1270428	80.97	ng	0.00
78) Terphenyl-d14	12.99	244	963770	86.81	ng	0.00

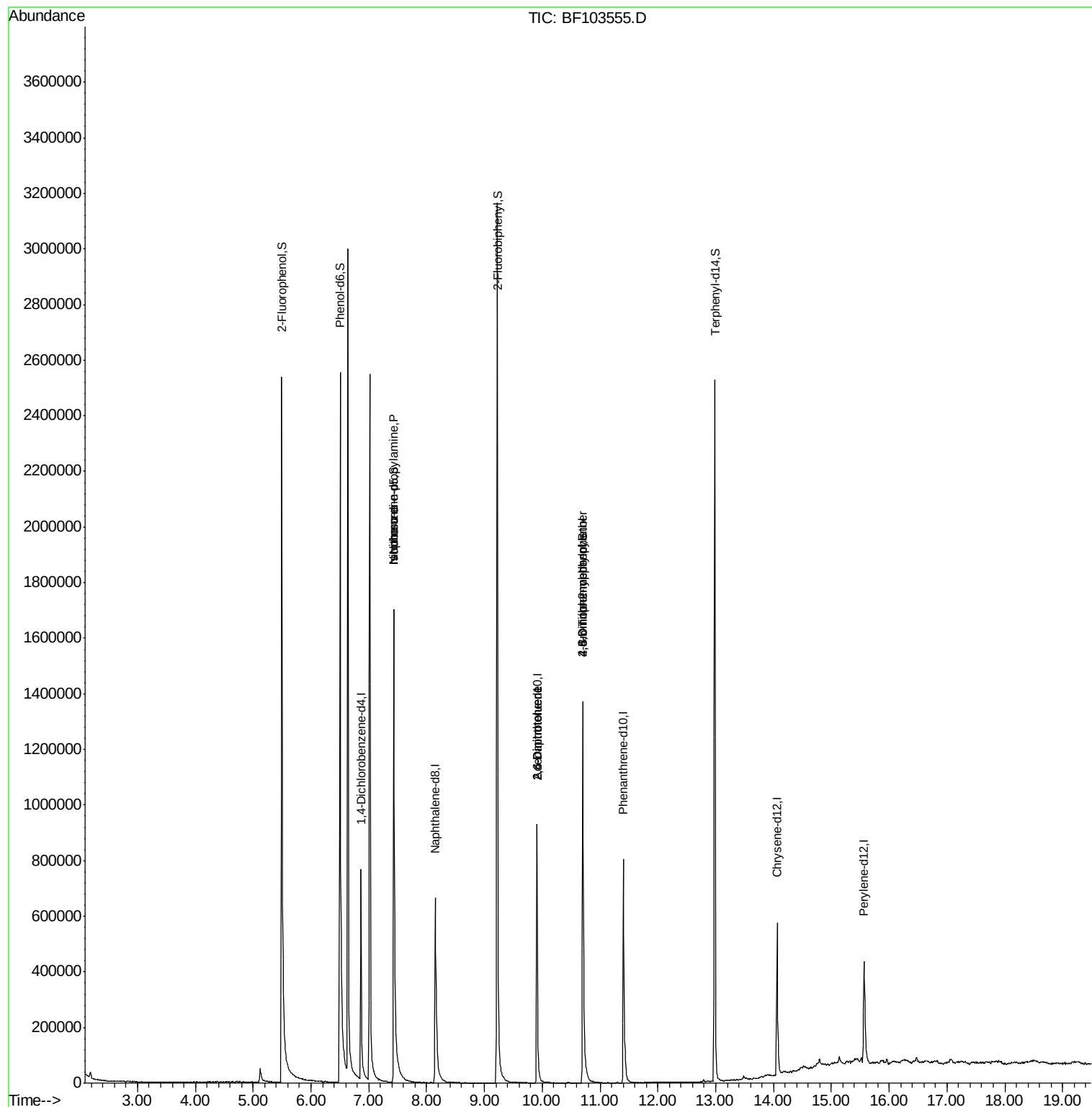
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1739	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	113479	15.733	ng	# 84
25) Isophorone	7.43	82	883229	41.020	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	33395	7.424	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	33395	5.870	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	517	5.109	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	14392	2.971	ng	# 1

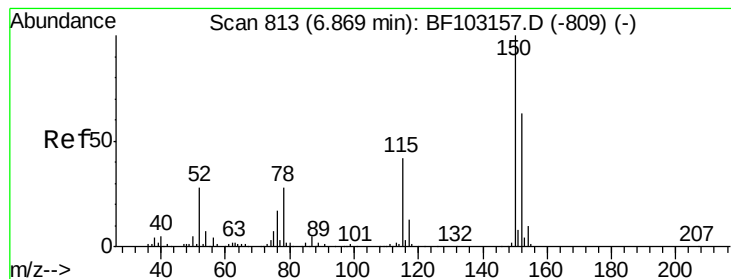
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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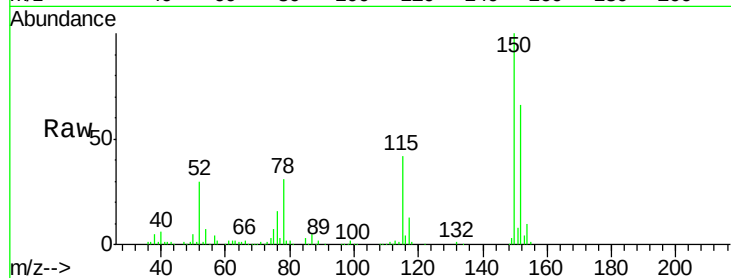


#1

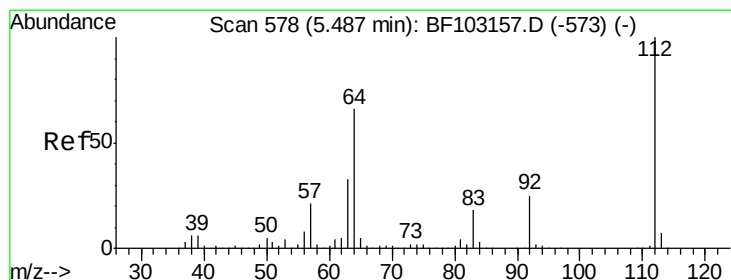
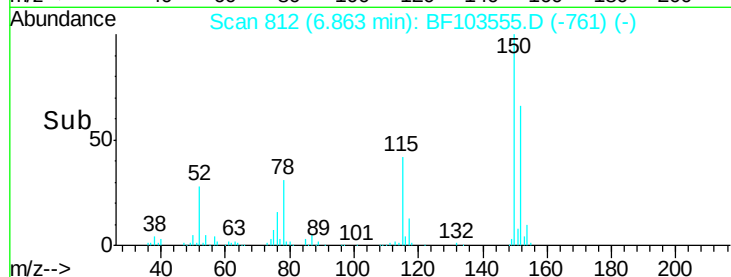
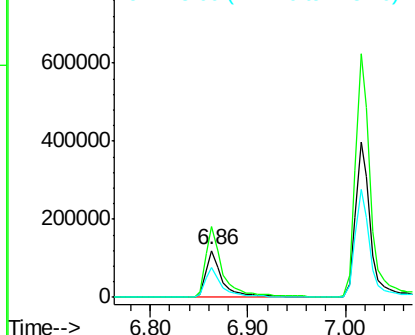
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143244
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 63.8 50.1 75.1



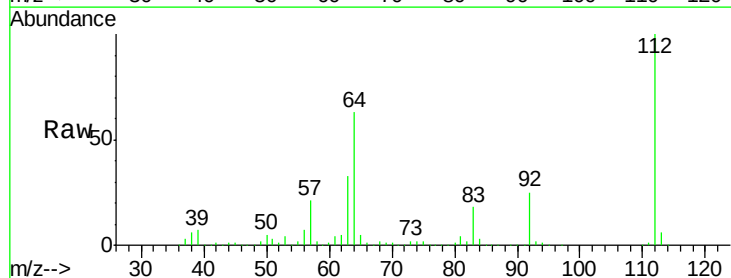
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



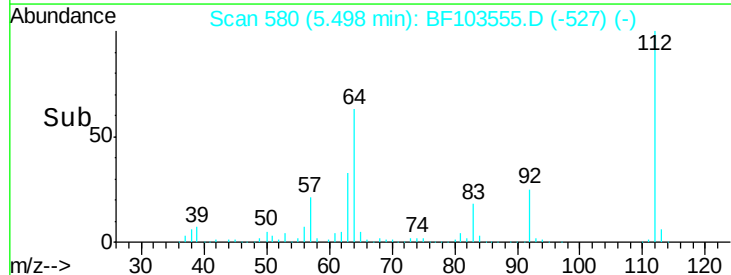
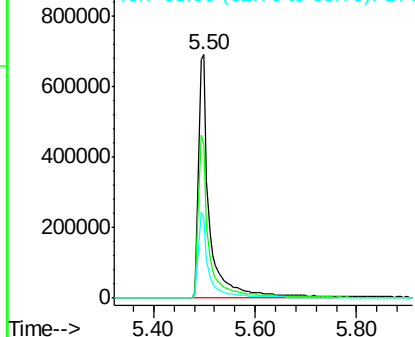
#5

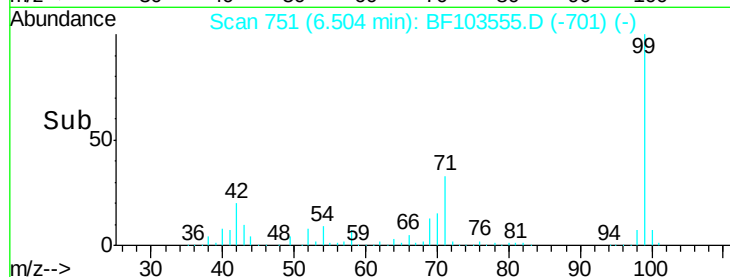
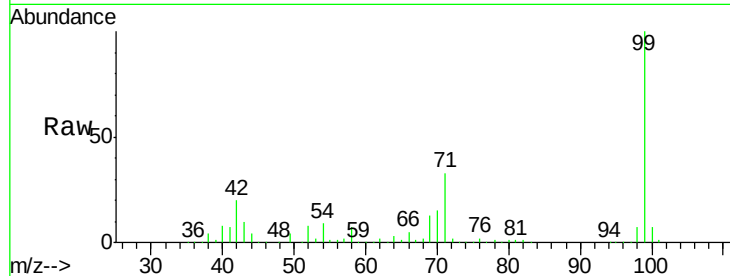
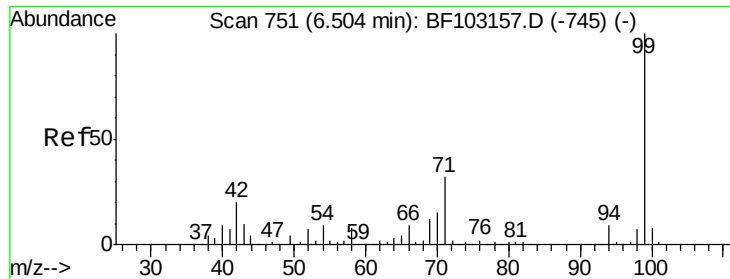
2-Fluorophenol
Concen: 113.584 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Tgt Ion:112 Resp: 1075767
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.9 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: 110.726 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103555.D

Acq: 9 Mar 2018 14:25

Instrument :

BNA_F

ClientSampled :

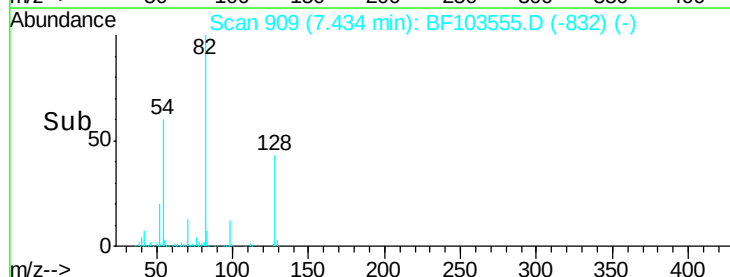
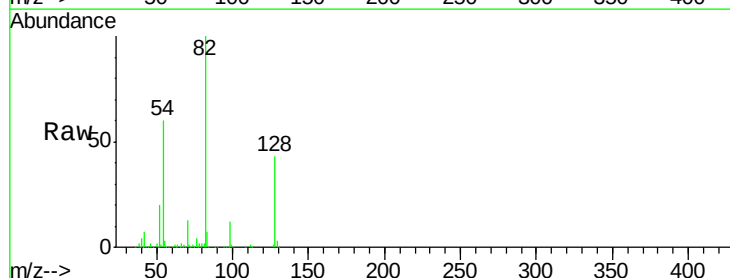
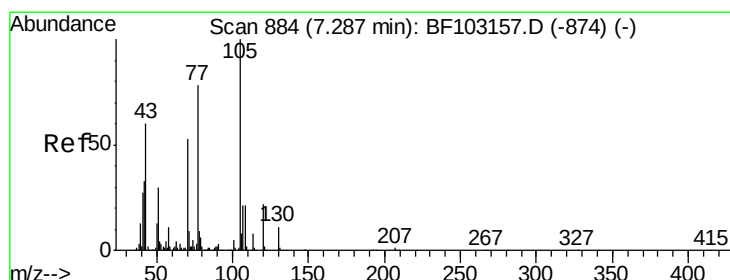
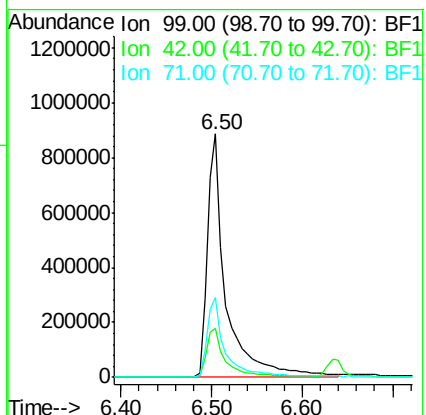
Tot Ion: 99 Resp: 1283245

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.733 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103555.D

Acq: 9 Mar 2018 14:25

Tgt Ion: 70 Resp: 113479

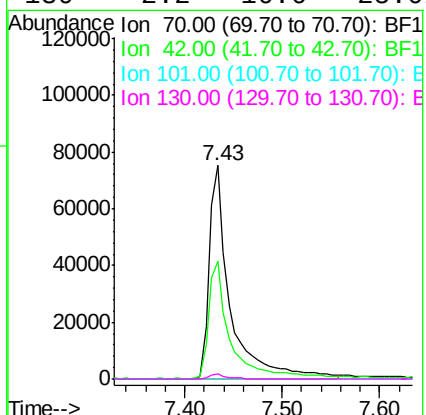
Ion Ratio Lower Upper

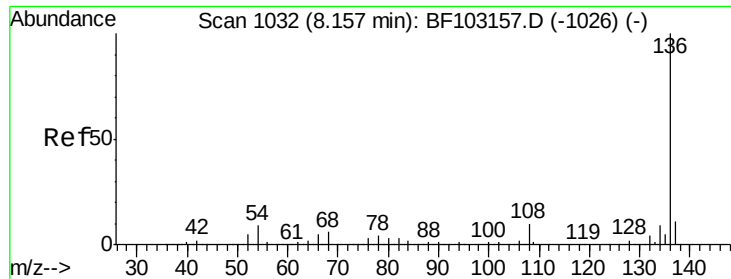
70 100

42 54.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

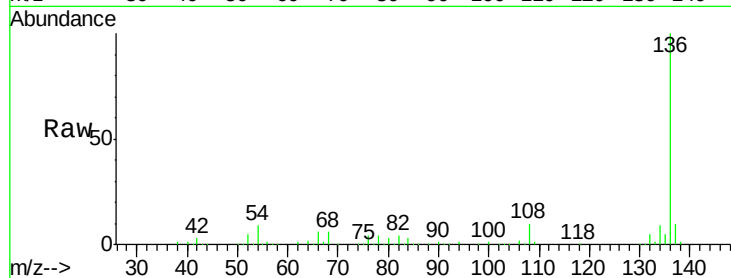




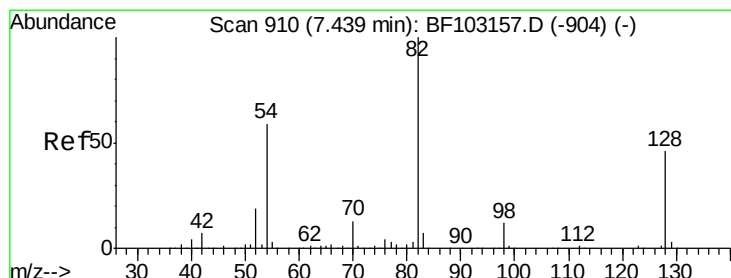
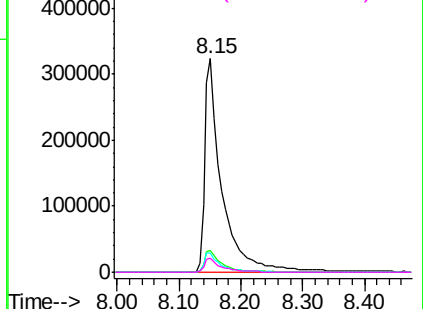
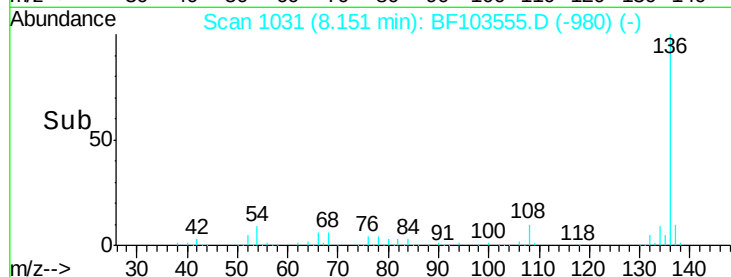
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 624338
Ion Ratio	Lower Upper
136 100	
137 10.3	8.9 13.3
54 8.8	6.6 9.8
68 6.5	5.0 7.4

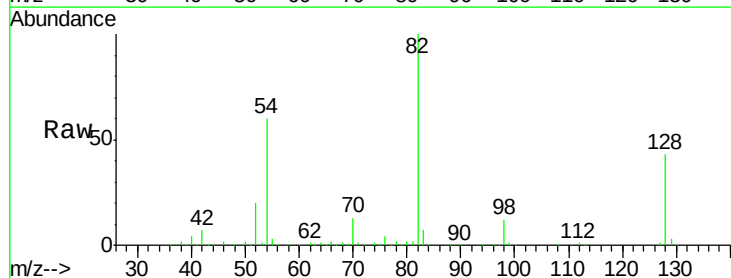


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

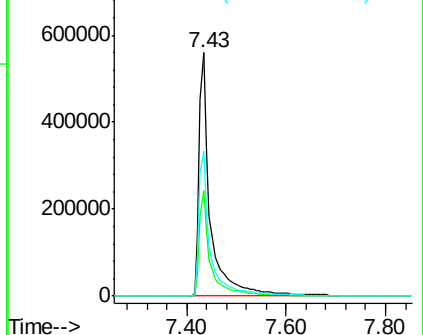
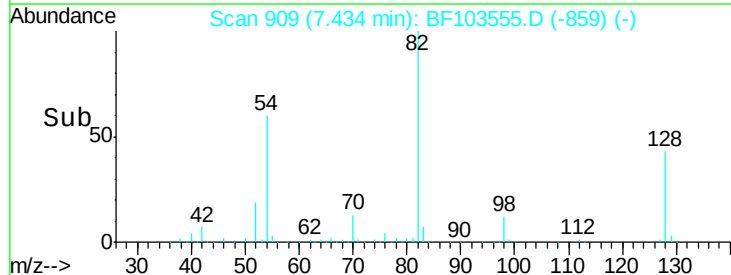


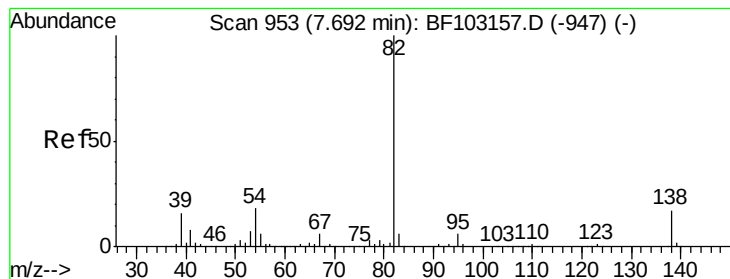
#23
Nitrobenzene-d5
Concen: 80.790 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Tgt Ion: 82	Resp: 883233
Ion Ratio	Lower Upper
82 100	
128 43.4	36.1 54.1
54 59.8	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: 41.020 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103555.D

Acq: 9 Mar 2018 14:25

Instrument :

BNA_F

ClientSampleId :

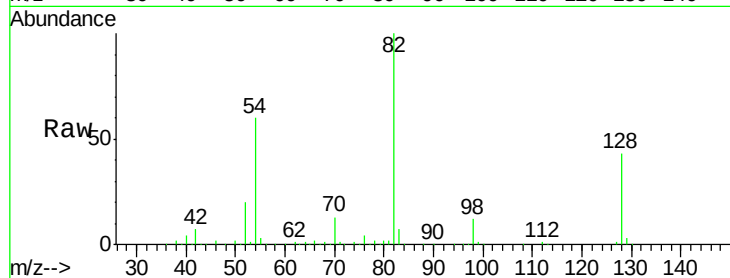
Tot Ion: 82 Resp: 883229

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

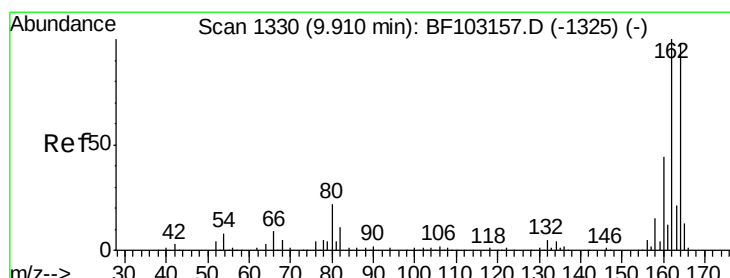
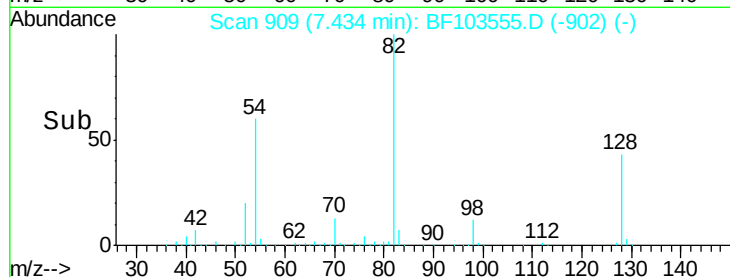
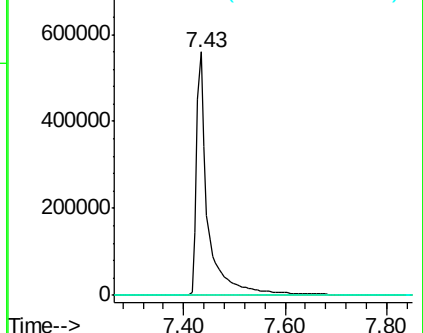
138 0.0 14.9 22.3#



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: BF103555.D

Acq: 9 Mar 2018 14:25

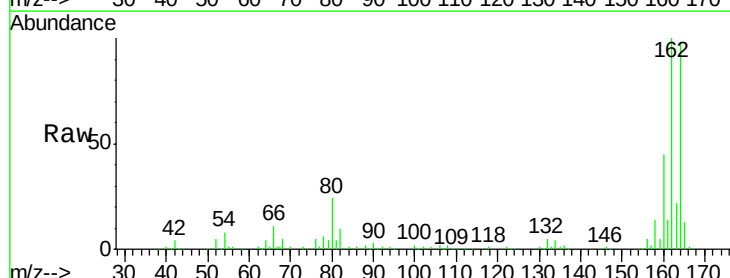
Tgt Ion: 164 Resp: 267216

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

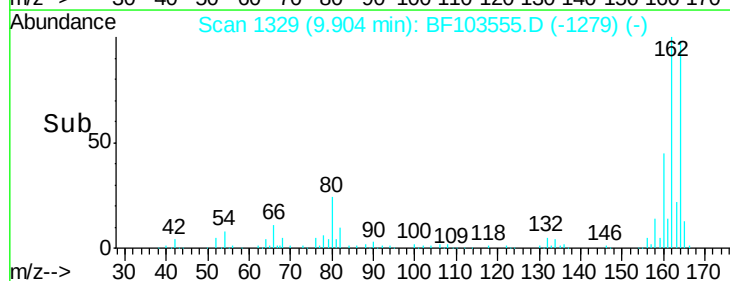
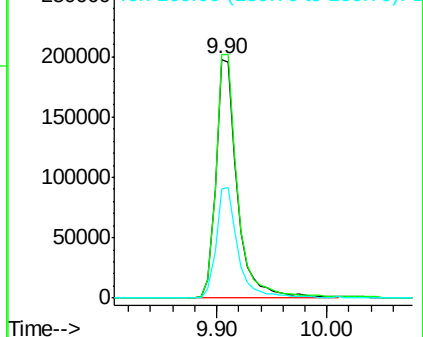
160 45.7 38.3 57.5

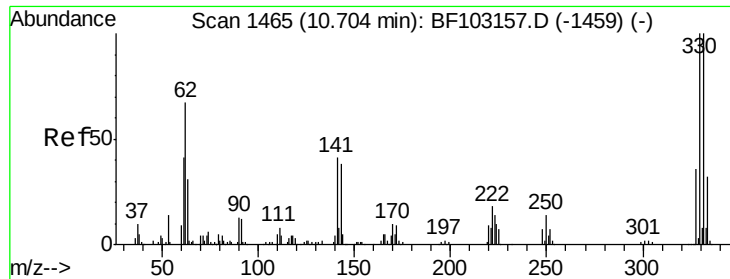


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

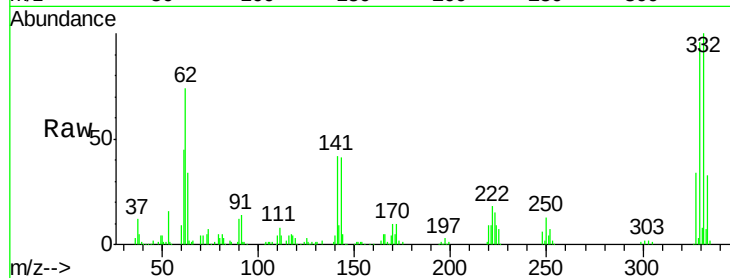




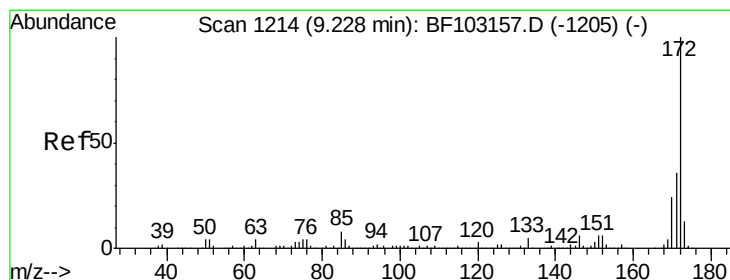
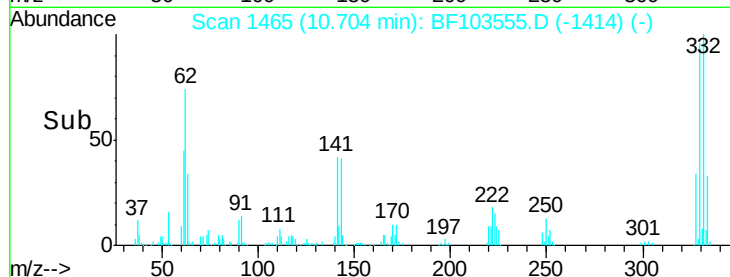
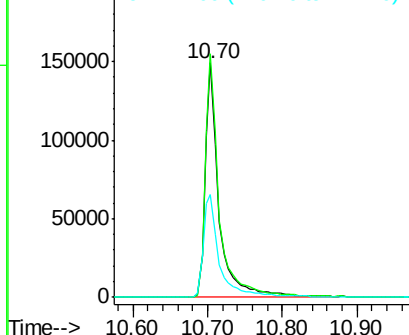
#41
 2,4,6-Tribromophenol
 Concen: 85.926 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103555.D
 Acq: 9 Mar 2018 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 194351
 Ion Ratio Lower Upper
 330 100
 332 104.4 77.0 115.6
 141 51.0 29.9 44.9#

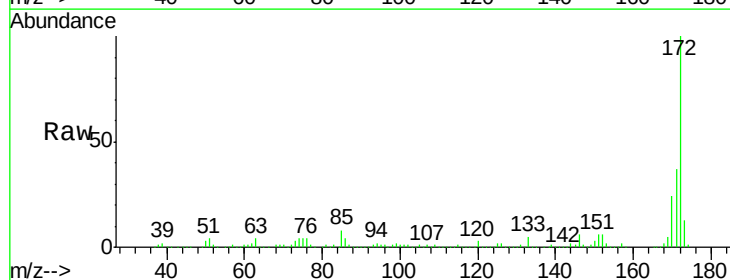


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

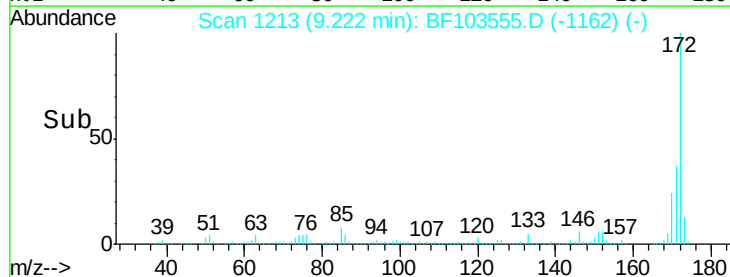
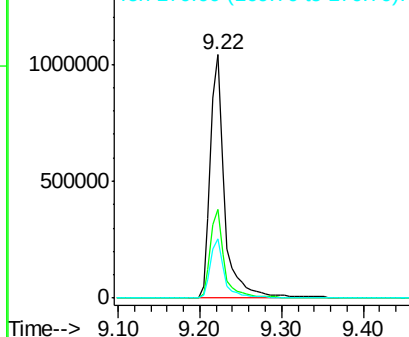


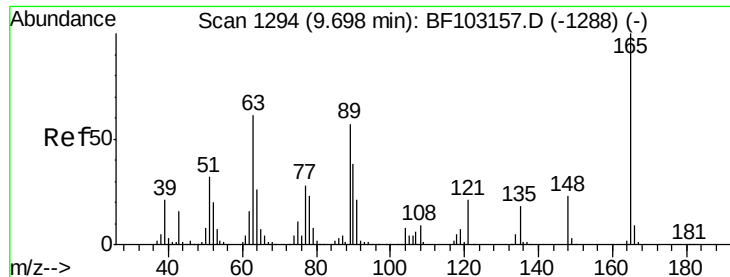
#44
 2-Fluorobiphenyl
 Concen: 80.970 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103555.D
 Acq: 9 Mar 2018 14:25

Tgt Ion:172 Resp: 1270428
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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

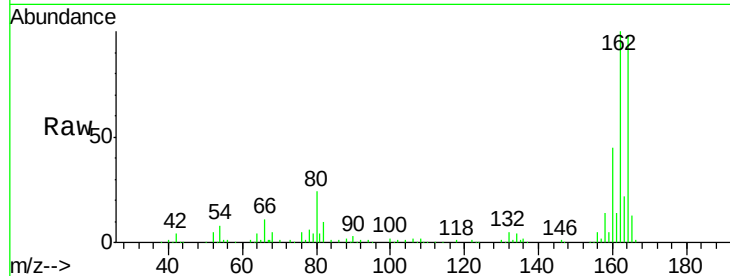




#50
2,6-Dinitrotoluene
Concen: 7.424 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Instrument :
BNA_F
ClientSampleId :

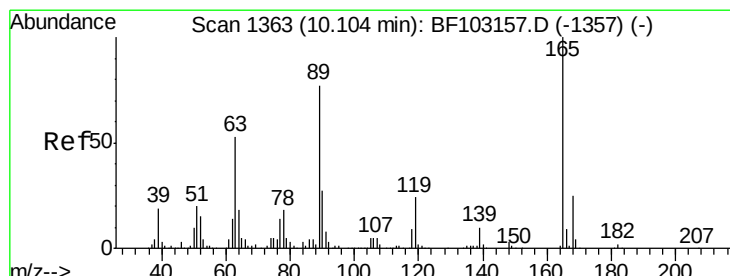
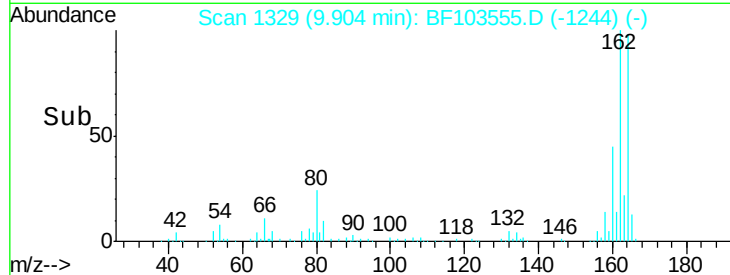
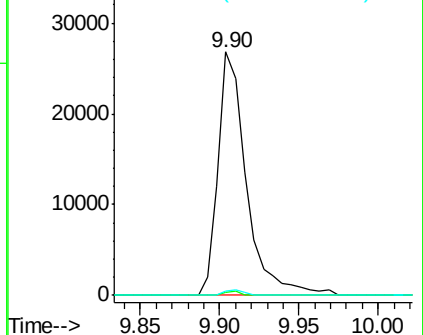
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#



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: 5.870 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

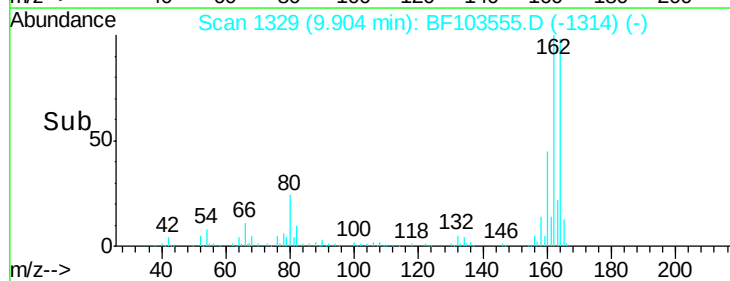
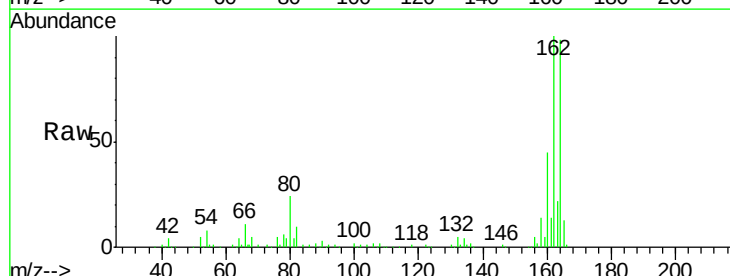
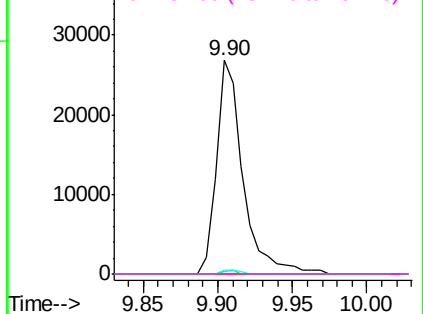
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

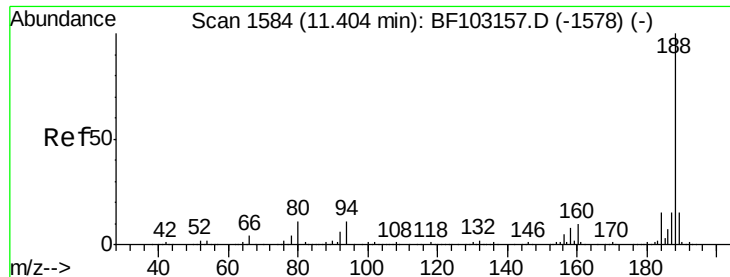
Abundance Ion 165.00 (164.70 to 165.70): E

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

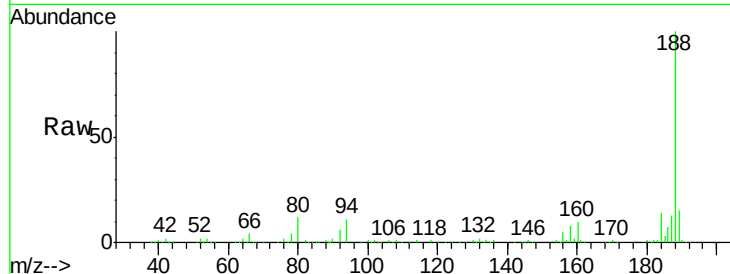




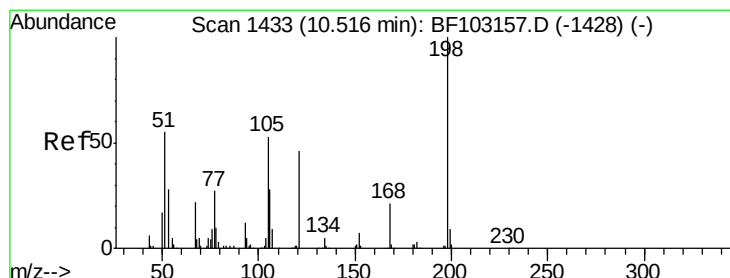
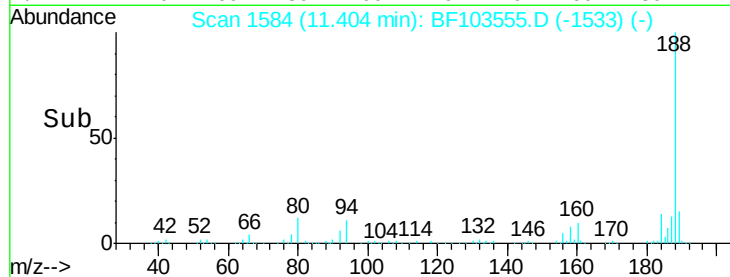
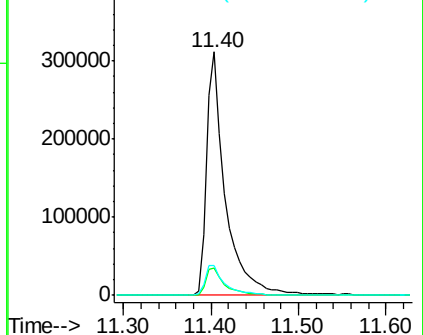
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103555.D
 Acq: 9 Mar 2018 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 465085
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.0 9.2 13.8

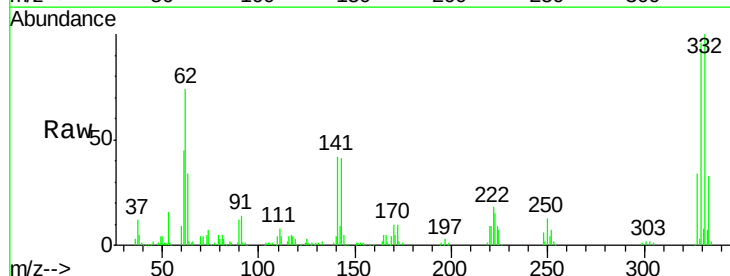


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

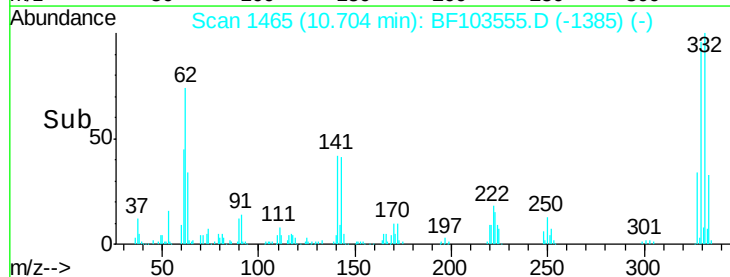
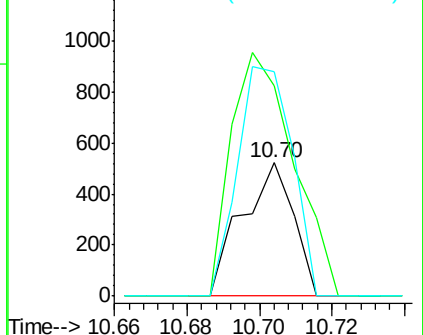


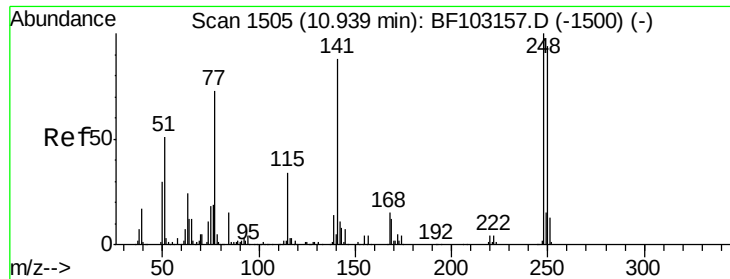
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.109 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.17 min
 Lab File: BF103555.D
 Acq: 9 Mar 2018 14:25

Tgt Ion:198 Resp: 517
 Ion Ratio Lower Upper
 198 100
 51 157.7 37.7 77.7#
 105 167.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

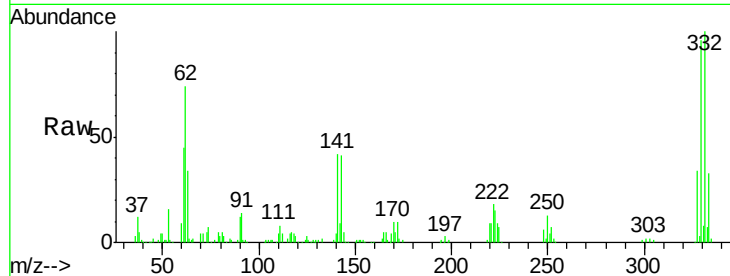




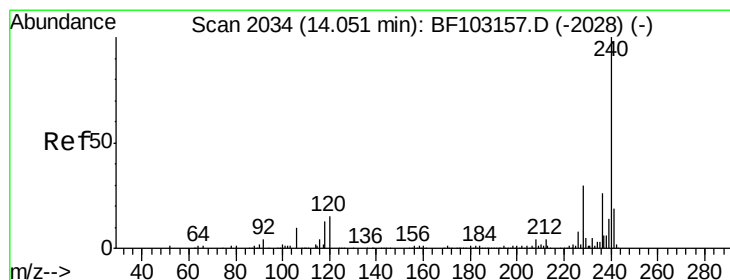
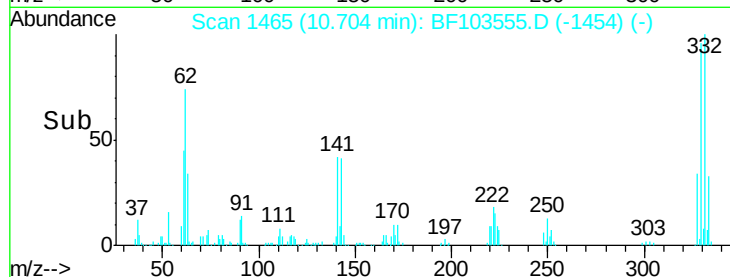
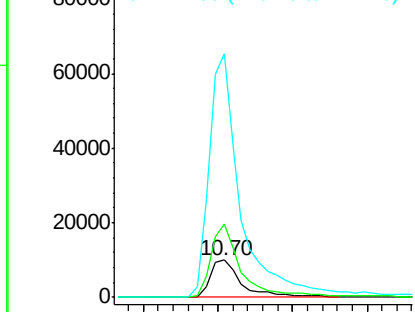
#66
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14392
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 659.7 74.4 111.6#

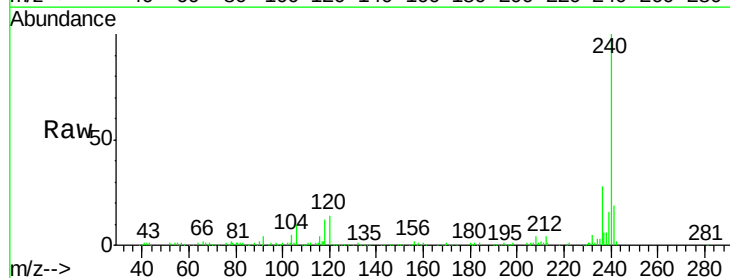


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

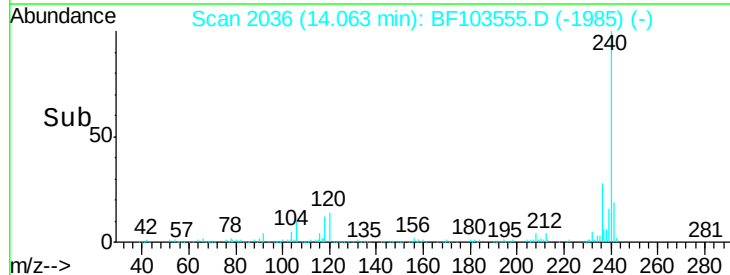
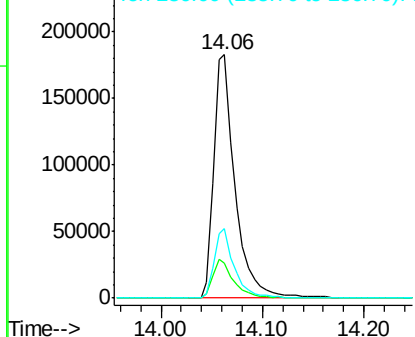


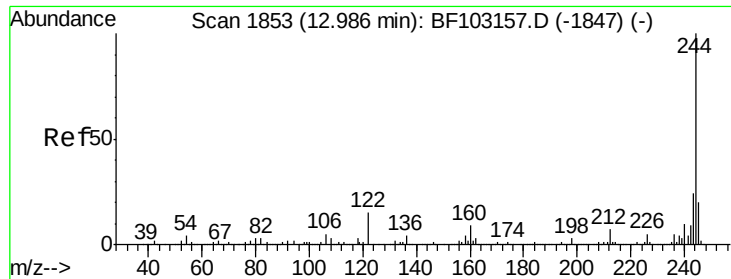
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF103555.D
Acq: 9 Mar 2018 14:25

Tgt Ion:240 Resp: 266872
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 28.5 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: 86.812 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103555.D

Acq: 9 Mar 2018 14:25

Instrument :

BNA_F

ClientSampleId :

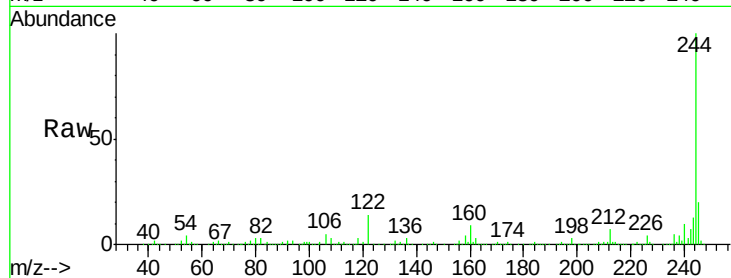
Tot Ion:244 Resp: 963770

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

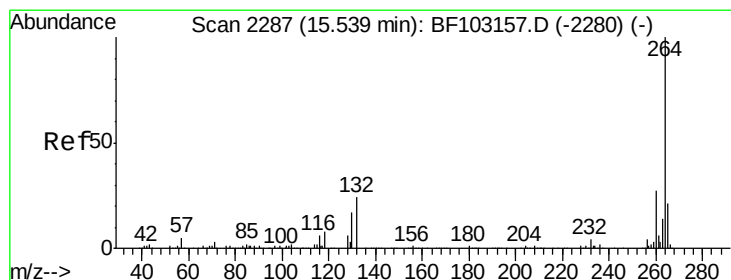
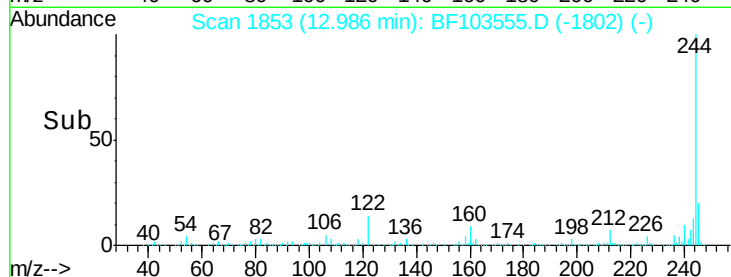
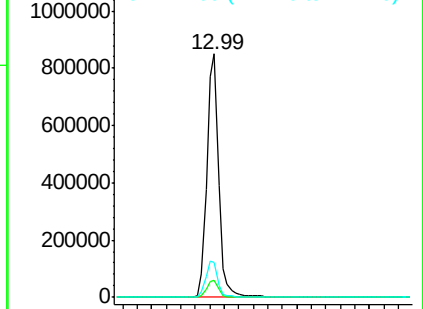
122 14.4 11.0 16.4



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: BF103555.D

Acq: 9 Mar 2018 14:25

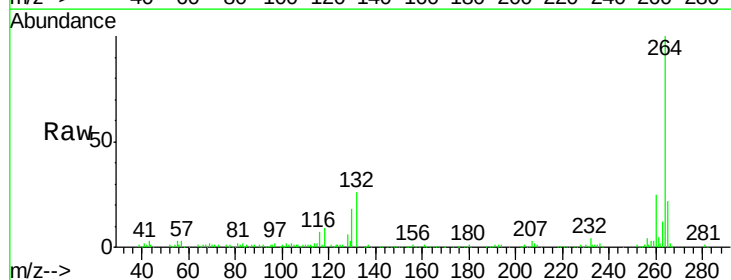
Tgt Ion:264 Resp: 237931

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.8 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

