

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103245.D
 Acq On : 27 Feb 2018 3:41
 Operator : SJ/JU
 Sample : J1649-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 04:33:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

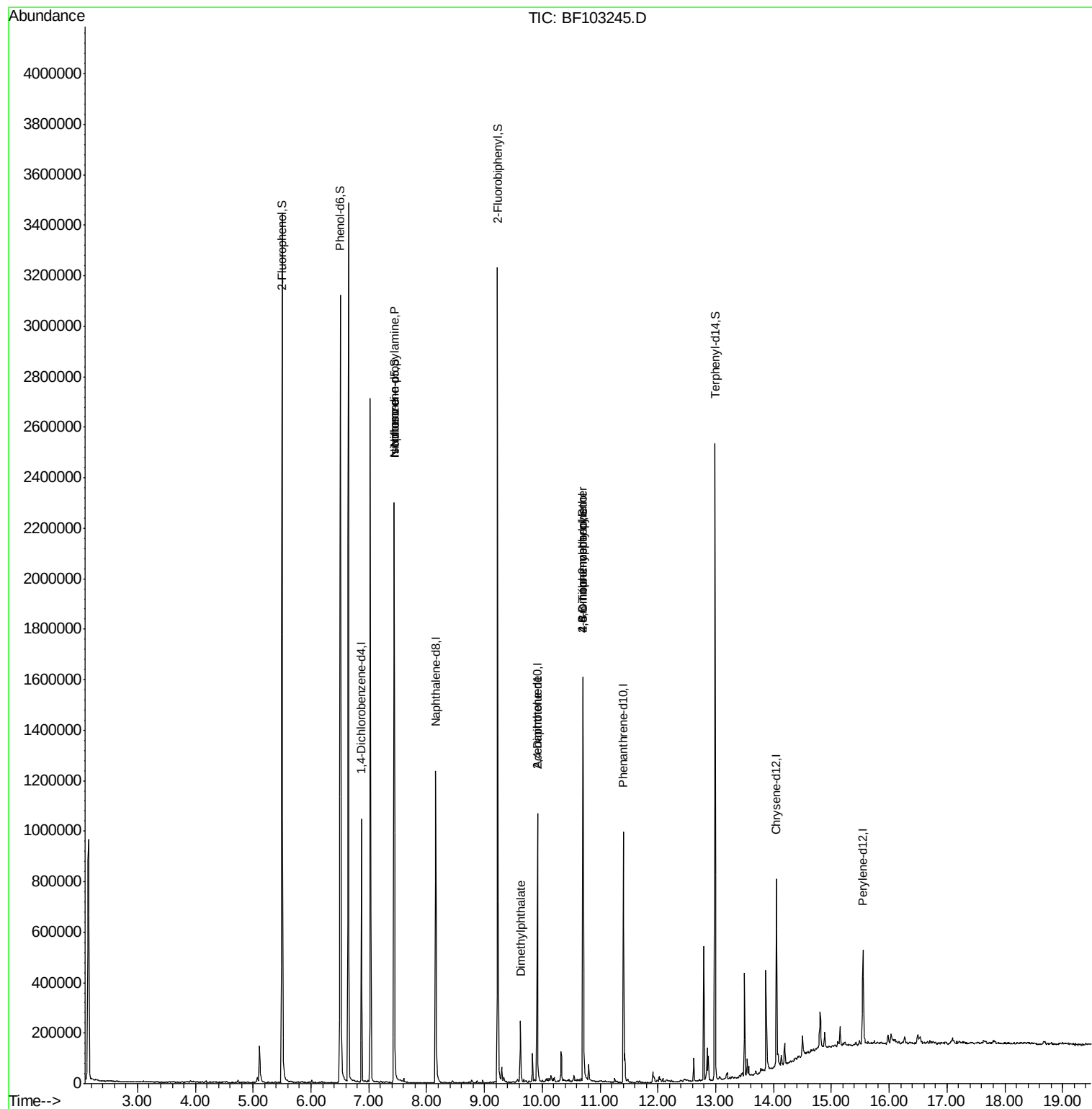
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140876	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	560128	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	217717	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345990	20.00	ng	0.00
75) Chrysene-d12	14.05	240	237550	20.00	ng	0.00
86) Perylene-d12	15.55	264	171314	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1038963	111.54	ng	0.02
7) Phenol-d6	6.51	99	1235646	108.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	741122	75.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	192318	104.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1134683	91.37	ng	0.00
78) Terphenyl-d14	12.99	244	868139	87.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	97415	13.73	ng	# 83
25) Isophorone	7.44	82	741111	38.37	ng	# 64
49) Dimethylphthalate	9.62	163	89267	5.11	ng	99
56) 2,4-Dinitrotoluene	9.92	165	27760	5.99	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	355	5.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	12680	3.52	ng	# 1

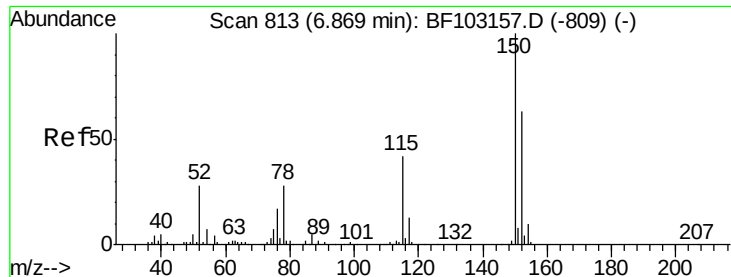
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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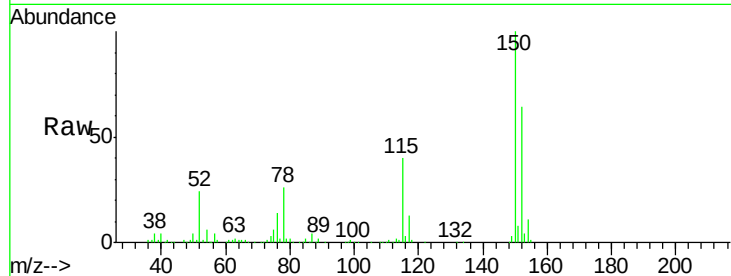


#1

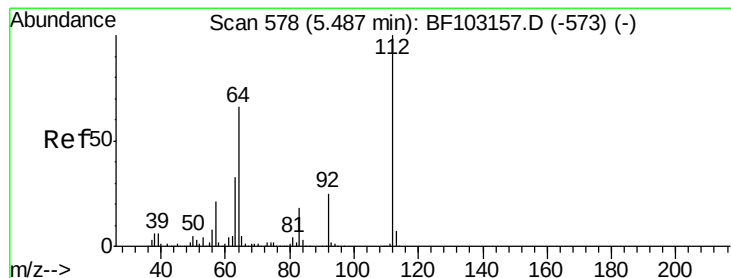
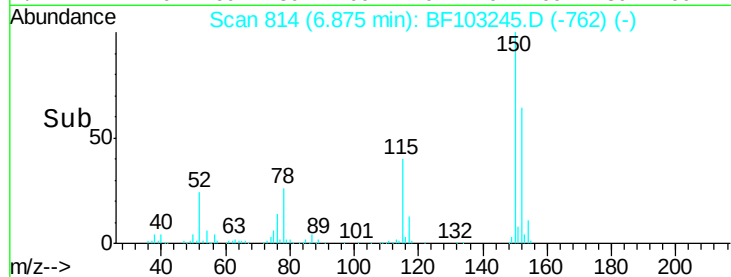
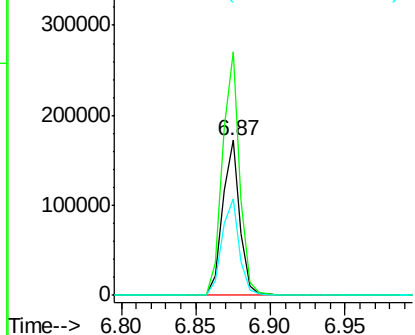
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.2	50.1	75.1



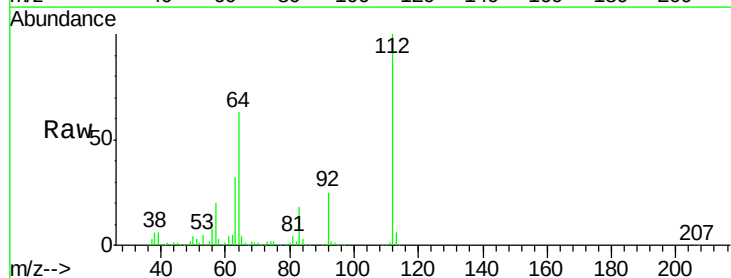
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



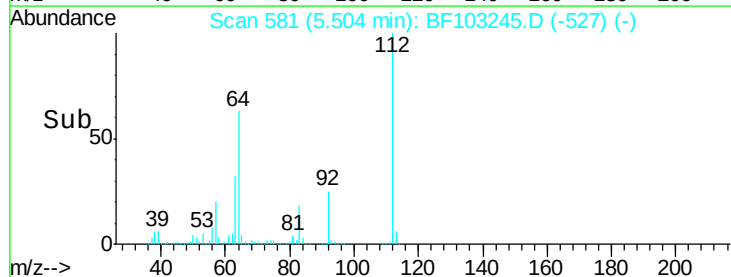
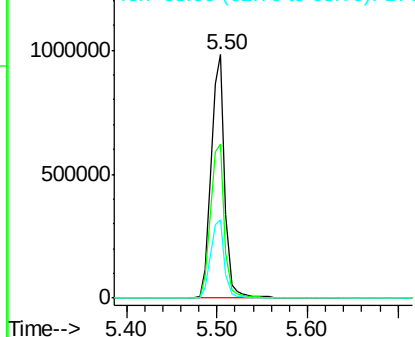
#5

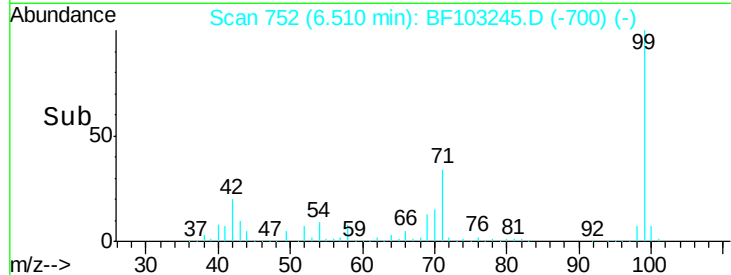
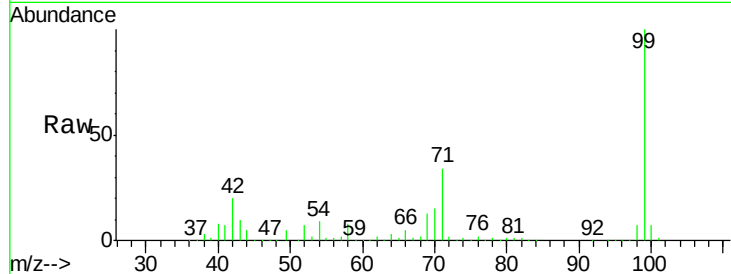
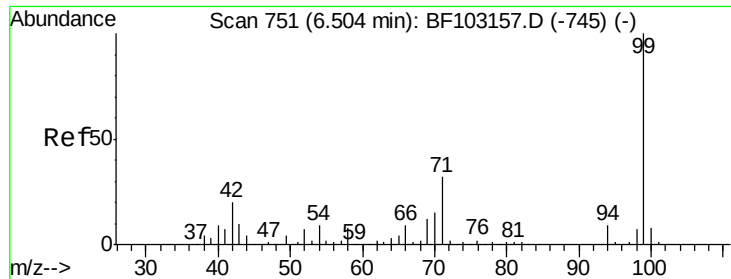
2-Fluorophenol
Concen: 111.54 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.1	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: 108.41 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Instrument :

BNA_F

ClientSampleID :

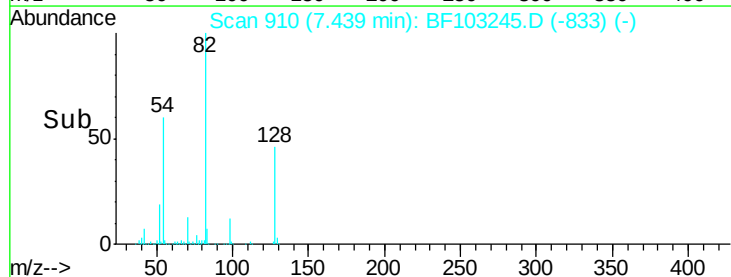
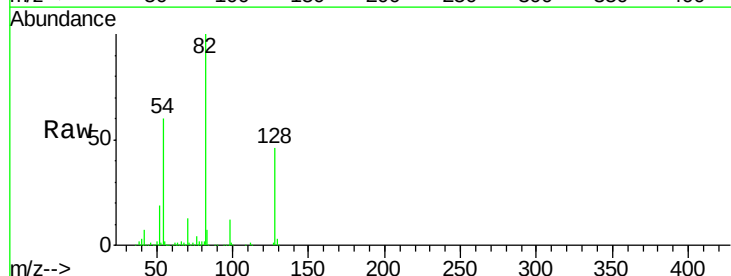
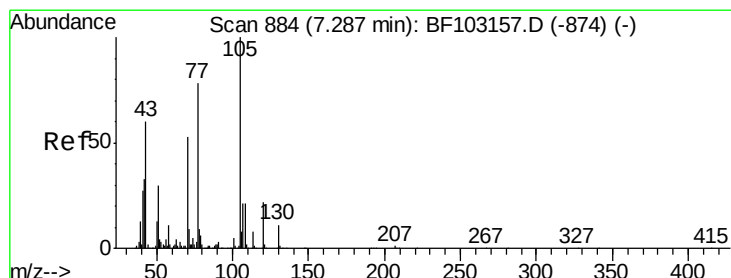
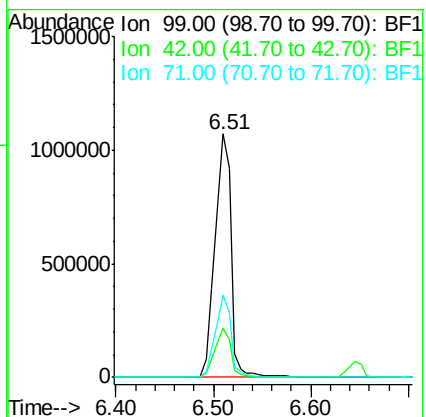
Tot Ion: 99 Resp: 1235646

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.73 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Tgt Ion: 70 Resp: 97415

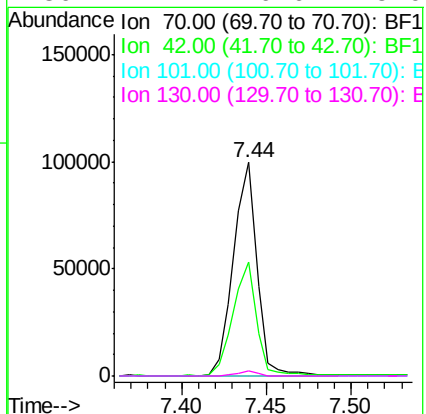
Ion Ratio Lower Upper

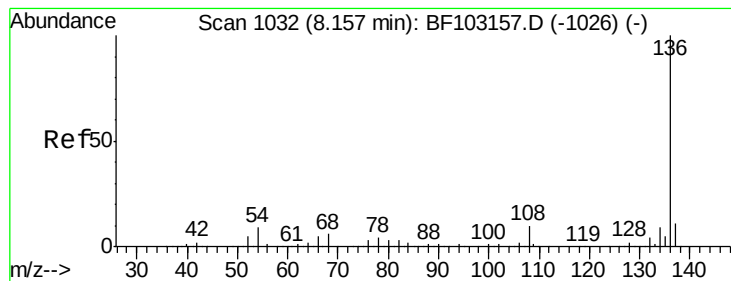
70 100

42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 560128

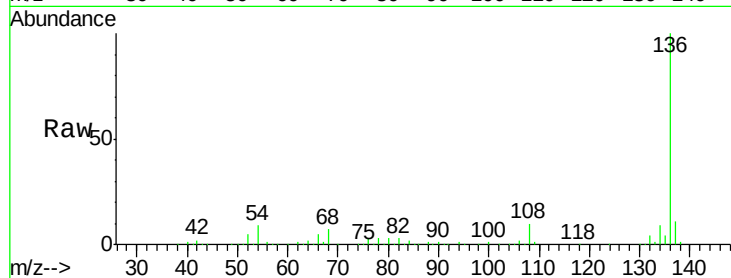
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.7 5.0 7.4

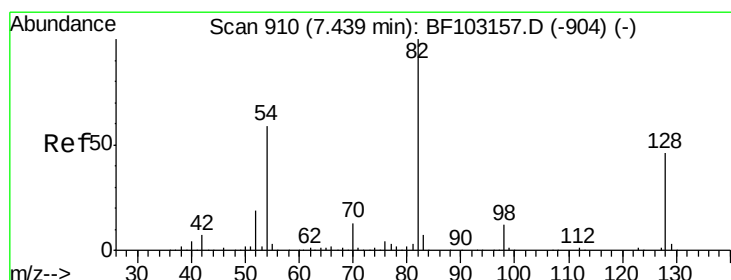
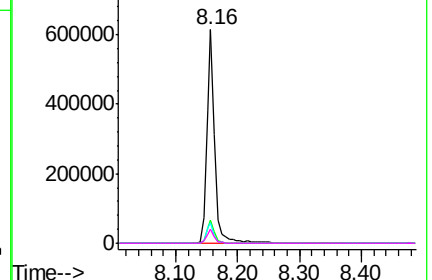
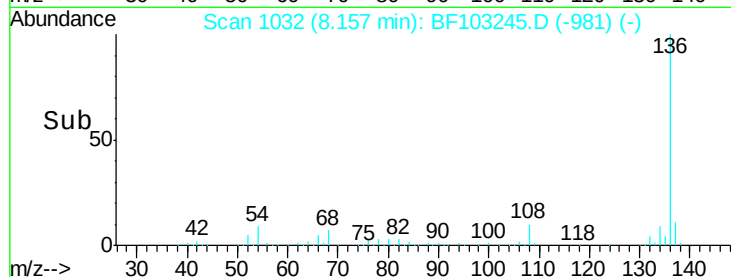


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.56 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

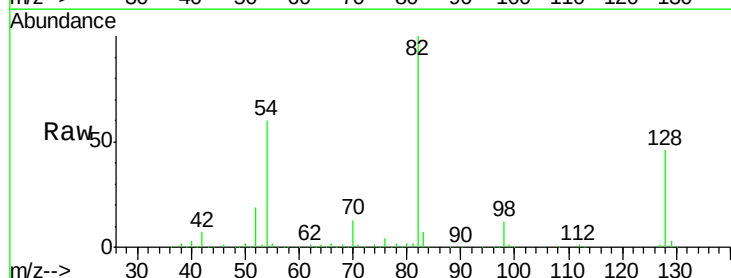
Tgt Ion: 82 Resp: 741122

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

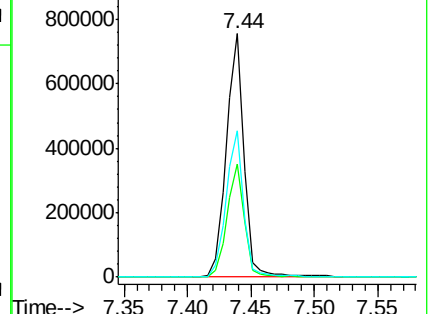
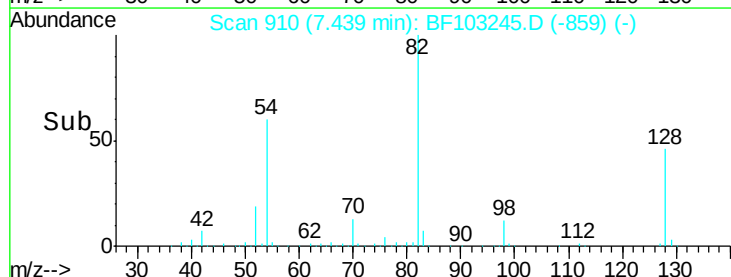
54 60.0 41.4 62.2

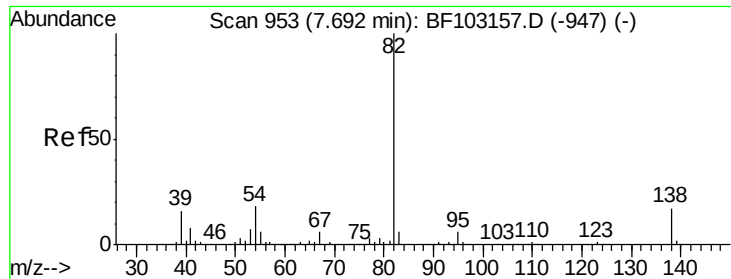


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.37 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

Instrument :

BNA_F

ClientSampled :

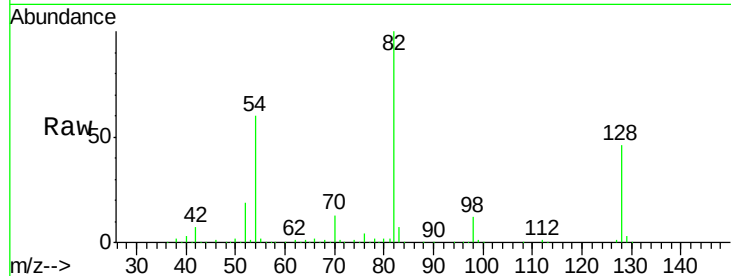
Tot Ion: 82 Resp: 741111

Ion Ratio Lower Upper

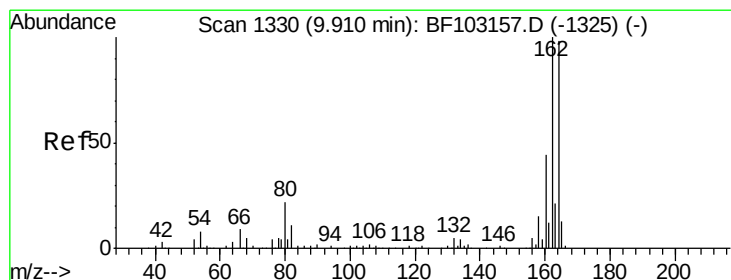
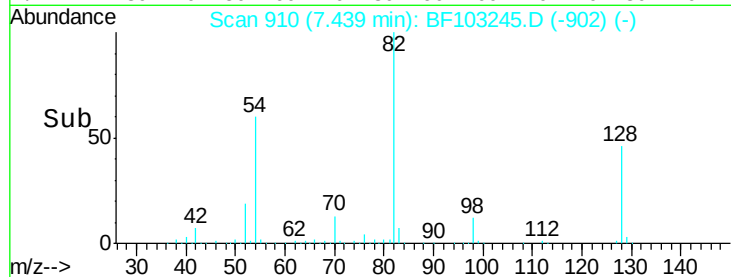
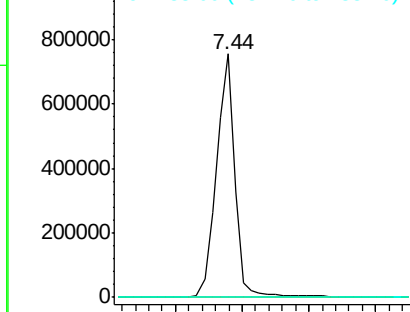
82 100

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: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF103245.D

Acq: 27 Feb 2018 3:41

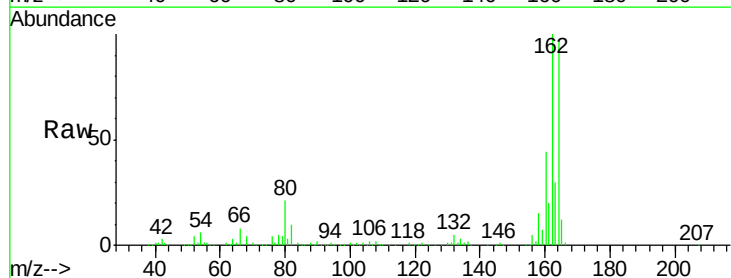
Tgt Ion: 164 Resp: 217717

Ion Ratio Lower Upper

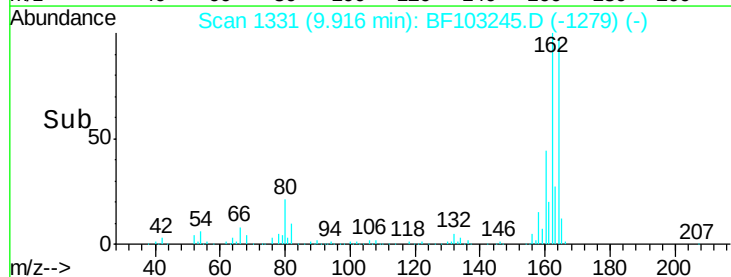
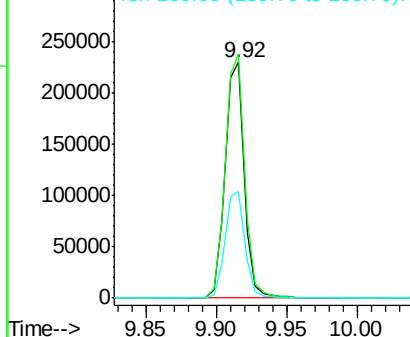
164 100

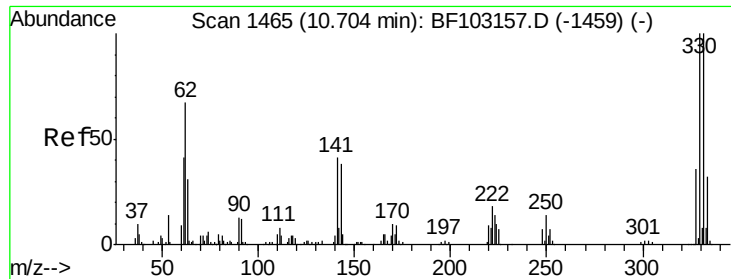
162 103.3 86.1 129.1

160 45.2 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

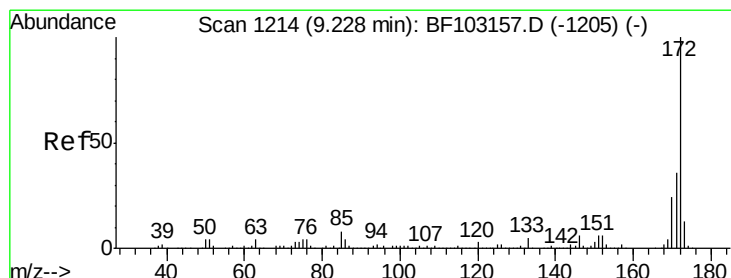
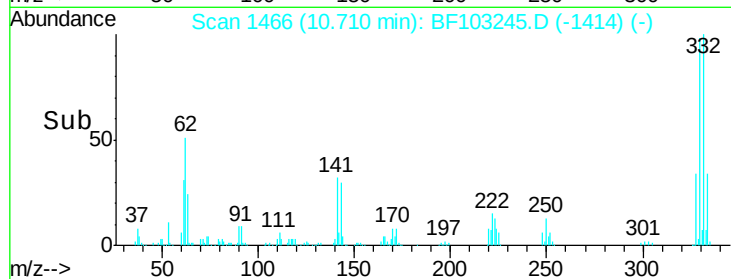
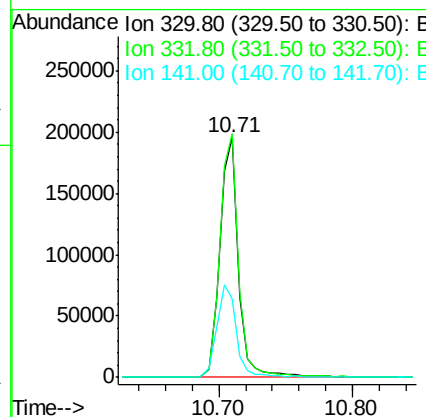
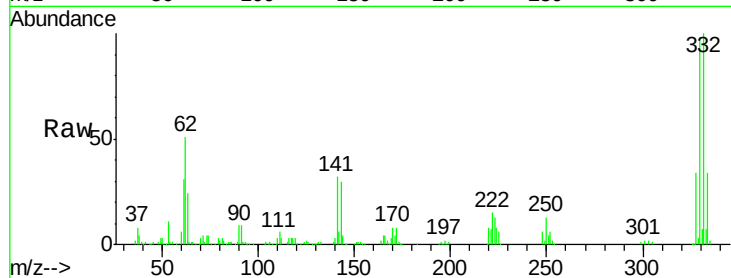




#41
 2,4,6-Tribromophenol
 Concen: 104.36 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

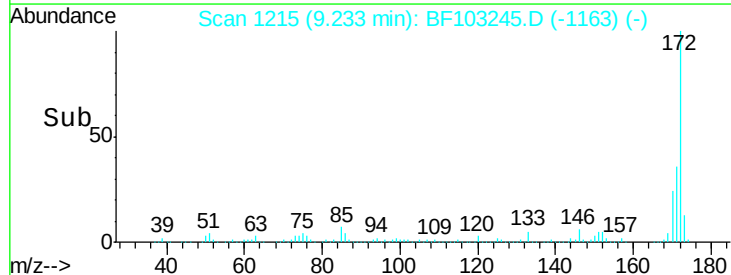
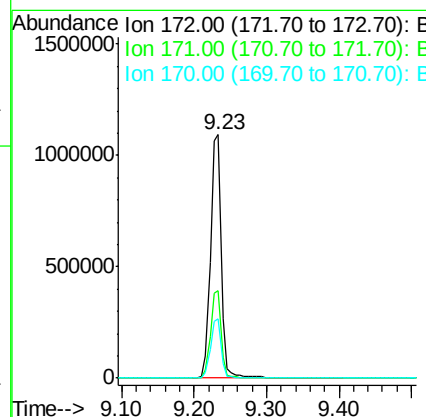
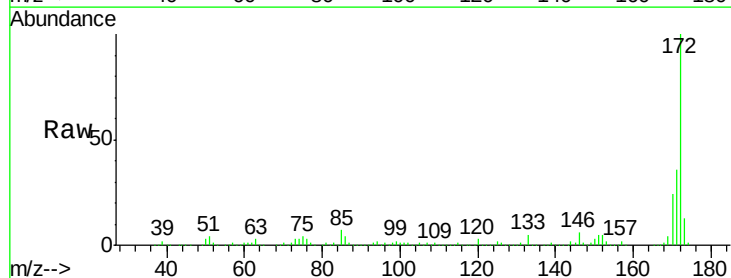
Instrument :
 BNA_F
 ClientSampleId :

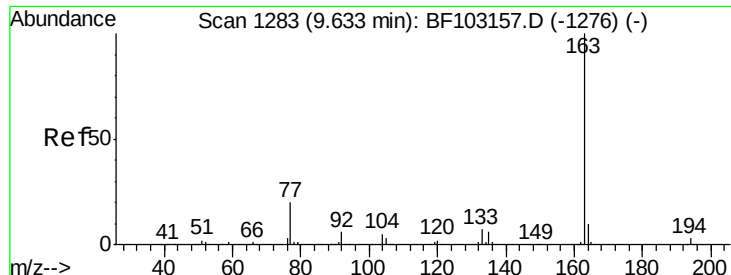
Tot Ion:330 Resp: 192318
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 40.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 91.37 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

Tgt Ion:172 Resp: 1134683
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 19.6 29.4

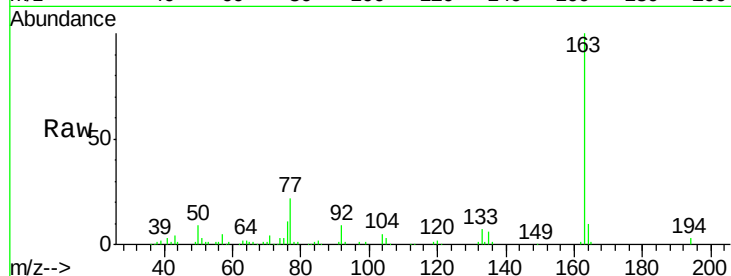




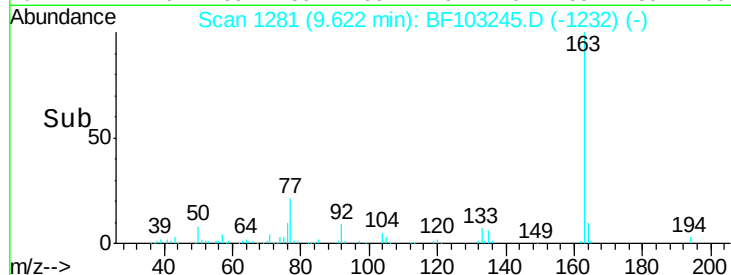
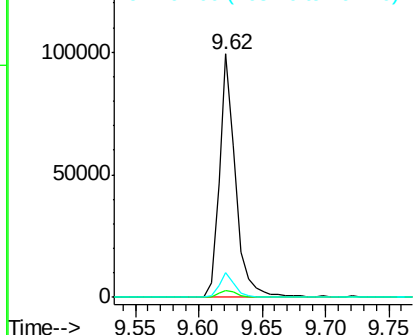
#49
Dimethylphthalate
Concen: 5.11 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 89267
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.3 8.2 12.2

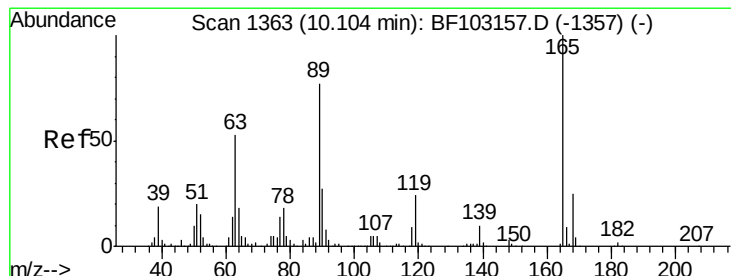


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

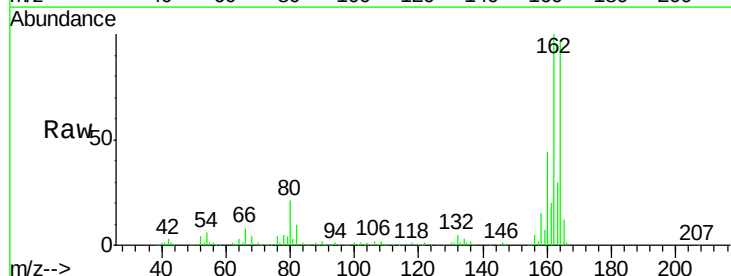
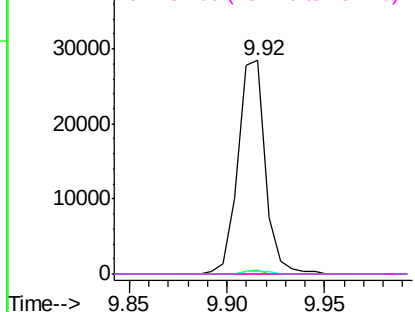


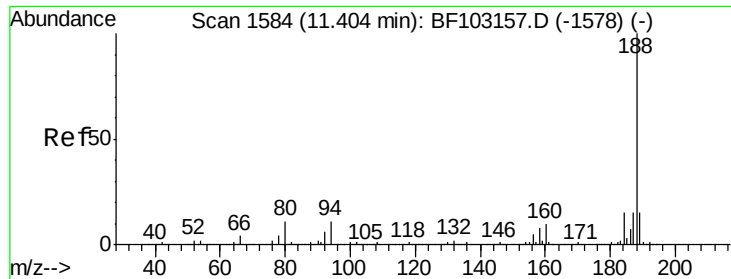
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Tgt Ion:165 Resp: 27760
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.4 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

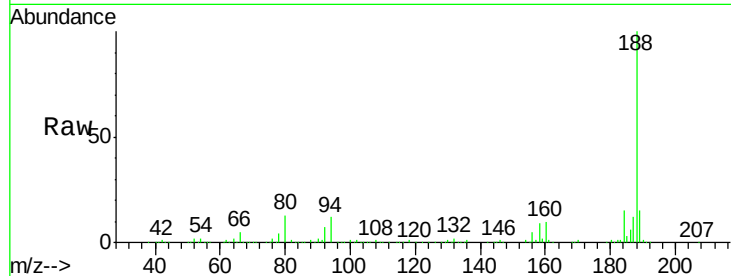




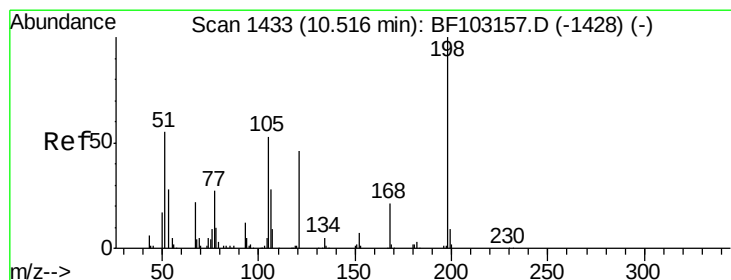
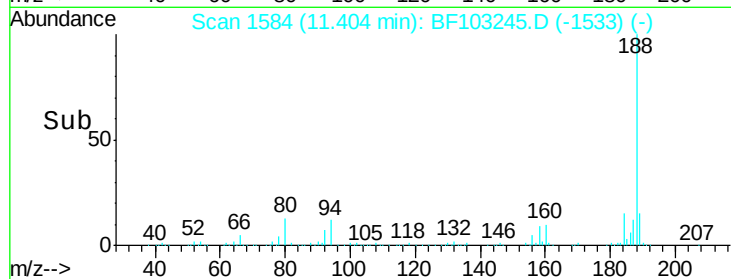
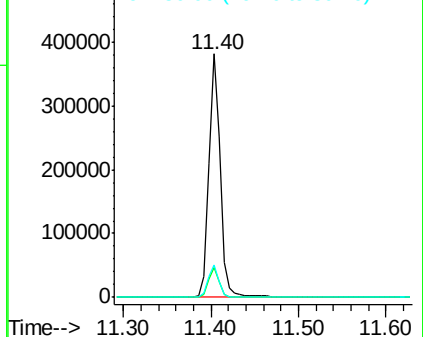
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 345990
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 13.1 9.2 13.8

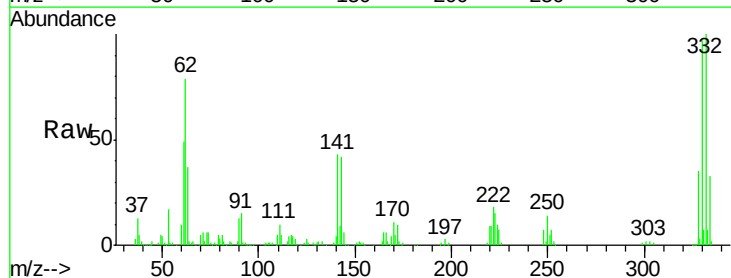


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

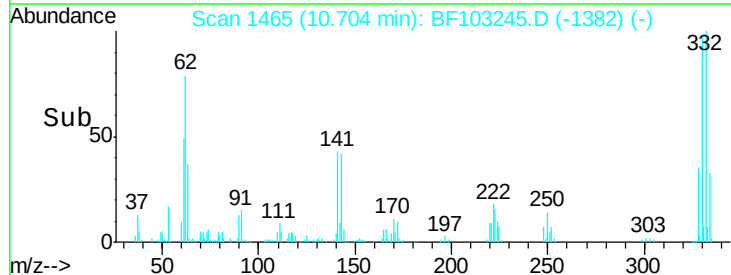
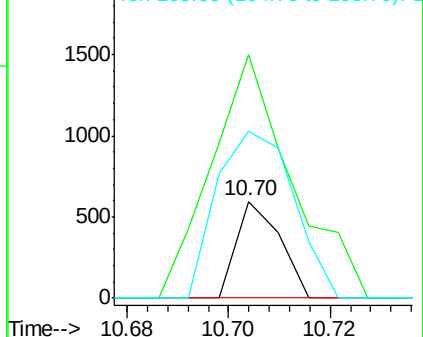


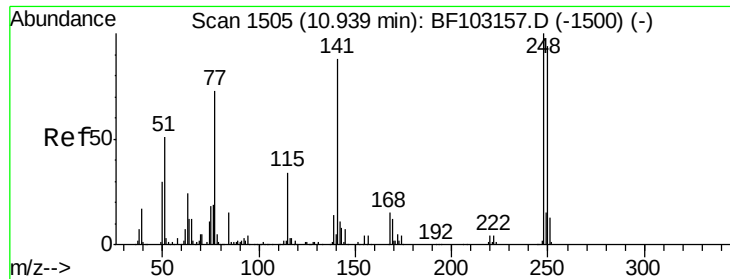
#64
4,6-Dinitro-2-methylphenol
Concen: 5.10 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Tgt Ion:198 Resp: 355
Ion Ratio Lower Upper
198 100
51 251.3 37.7 77.7#
105 172.0 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

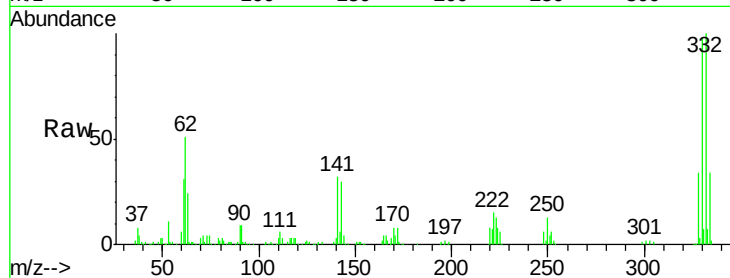




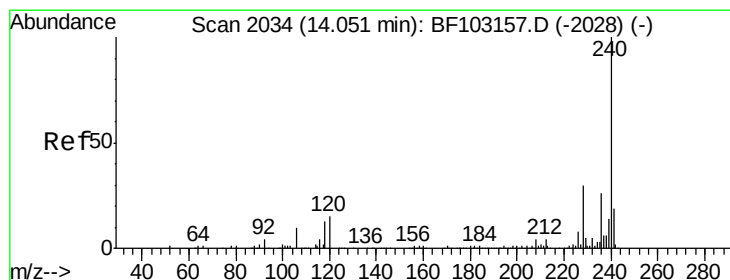
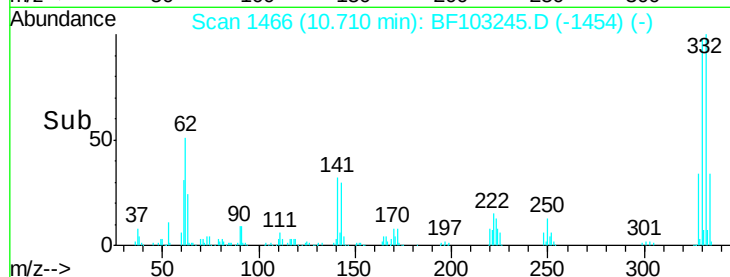
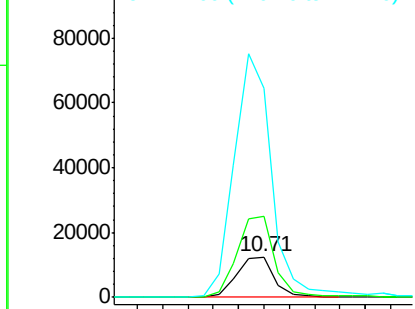
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.23 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12680
Ion Ratio Lower Upper
248 100
250 201.2 76.9 115.3#
141 519.5 74.4 111.6#

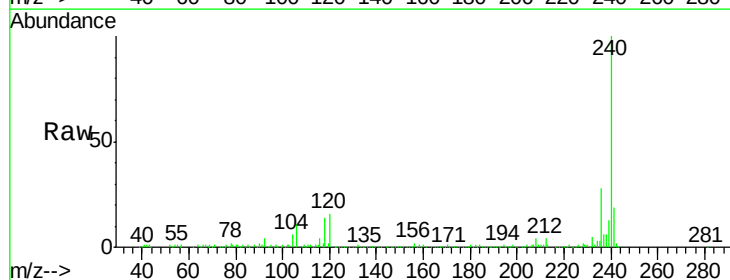


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

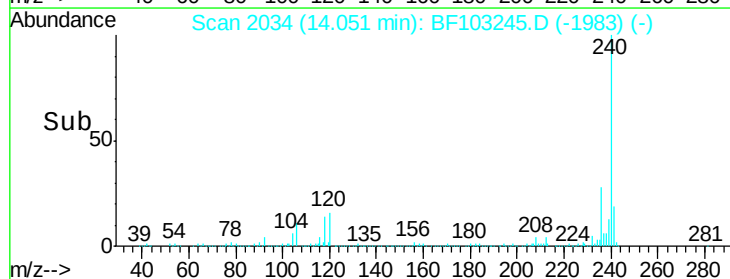
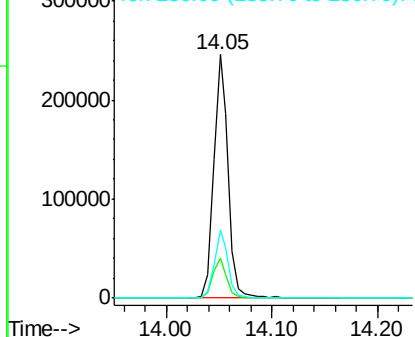


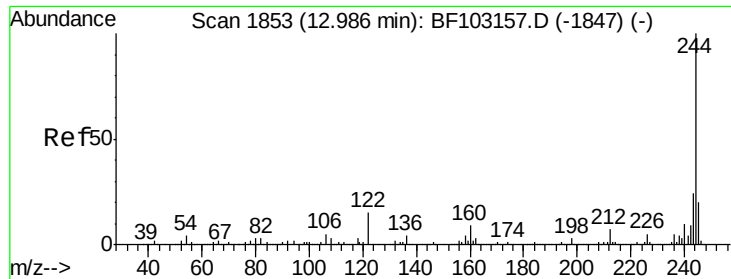
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103245.D
Acq: 27 Feb 2018 3:41

Tgt Ion:240 Resp: 237550
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 27.8 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

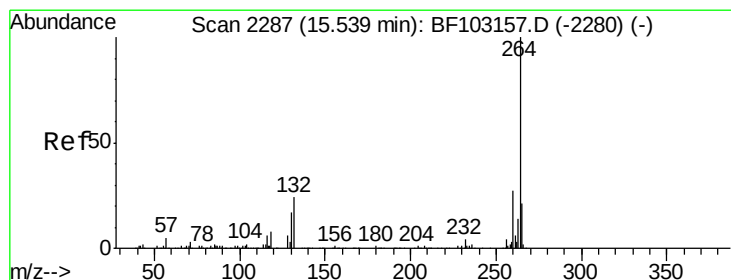
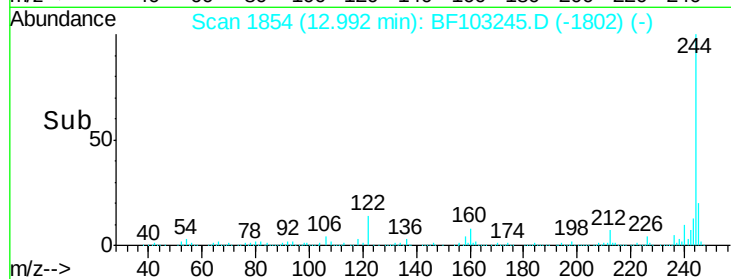
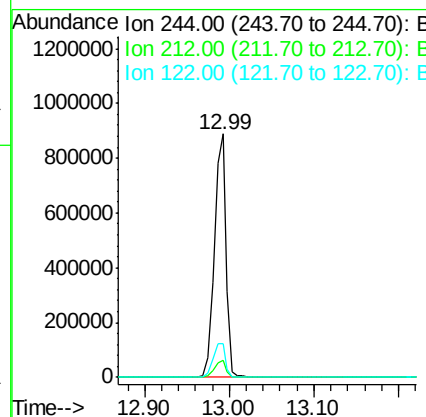
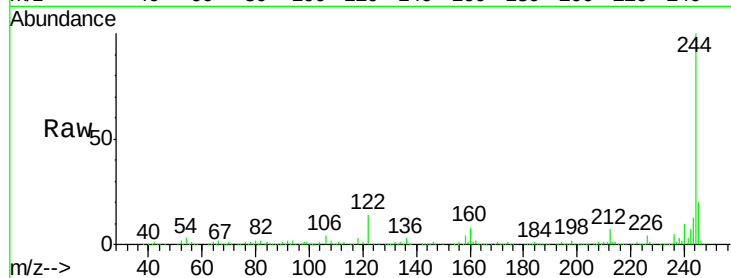




#78
 Terphenyl-d14
 Concen: 87.85 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 868139
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103245.D
 Acq: 27 Feb 2018 3:41

Tgt Ion:264 Resp: 171314
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.9 17.5 26.3

