

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103296.D
 Acq On : 28 Feb 2018 16:43
 Operator : SJ/JU
 Sample : PB106912BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106912BL

Quant Time: Mar 01 00:02:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

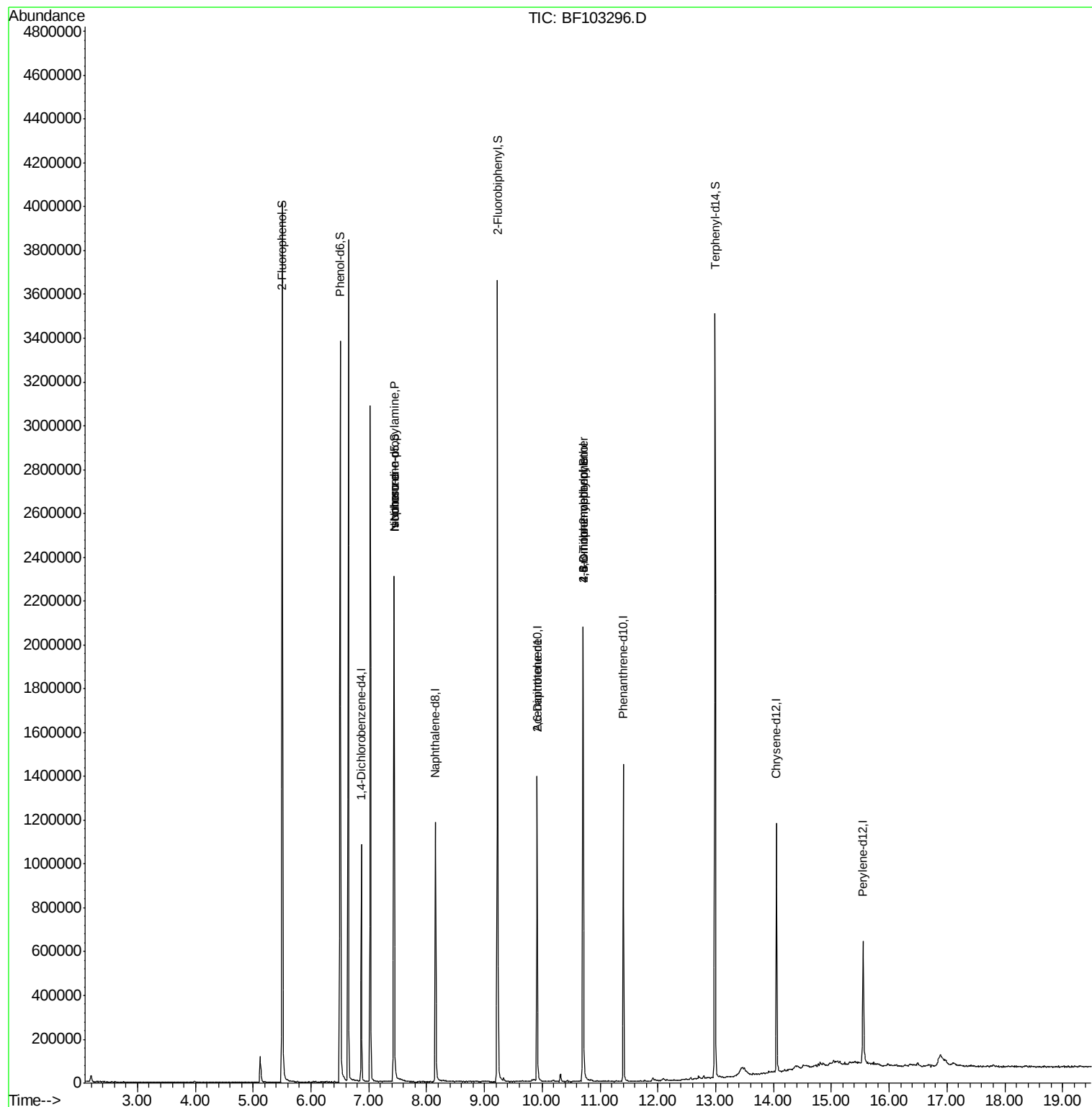
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146098	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	619500	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	288732	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	513448	20.00	ng	0.00
75) Chrysene-d12	14.05	240	384414	20.00	ng	0.00
86) Perylene-d12	15.55	264	278821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1146989	118.74	ng	0.01
7) Phenol-d6	6.51	99	1347618	114.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	866619	79.89	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	275880	112.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1367986	80.61	ng	0.00
78) Terphenyl-d14	12.99	244	1310431	81.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	2093	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.44	70	113383	15.413	ng	# 81
25) Isophorone	7.44	82	866614	40.563	ng	# 64
50) 2,6-Dinitrotoluene	9.91	165	36510	7.511	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.71	198	462	5.078	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	18230	3.408	ng	# 1

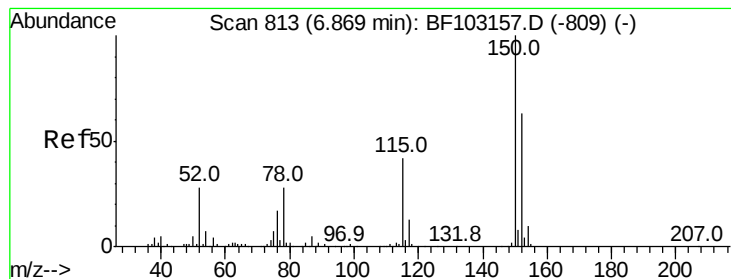
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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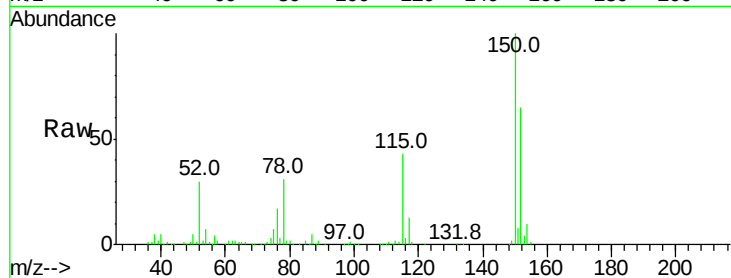


#1

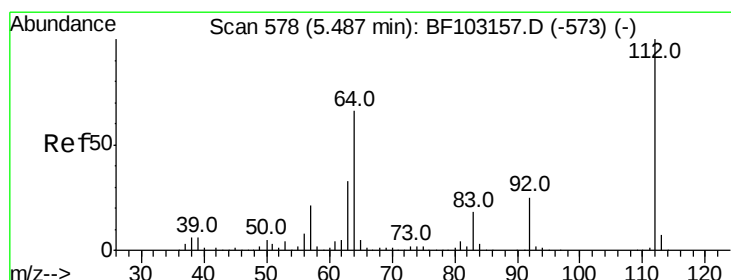
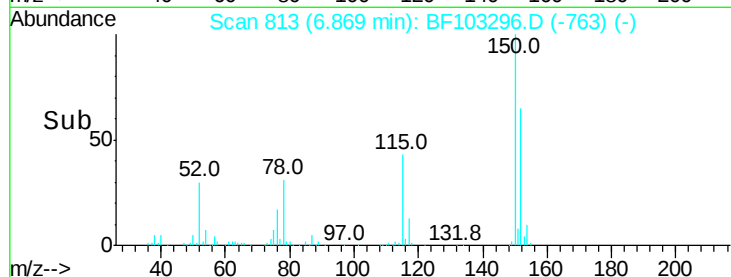
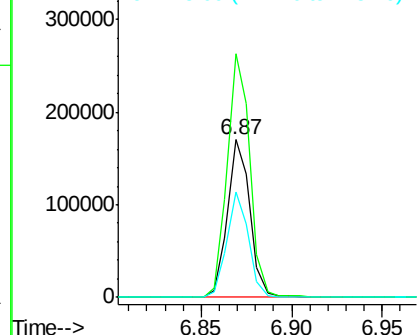
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103296.D
Acq: 28 Feb 2018 16:43

Instrument :
BNA_F
ClientSampleId :
PB106912BL

Tot Ion:152 Resp: 146098
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 67.1 50.1 75.1



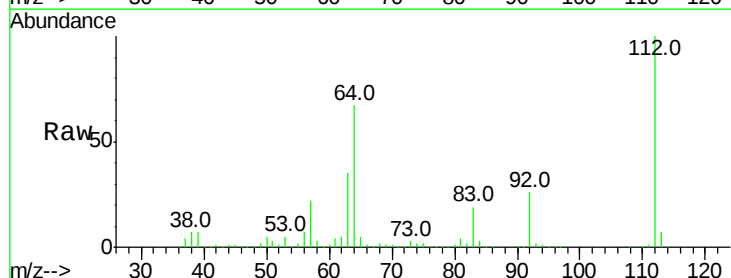
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



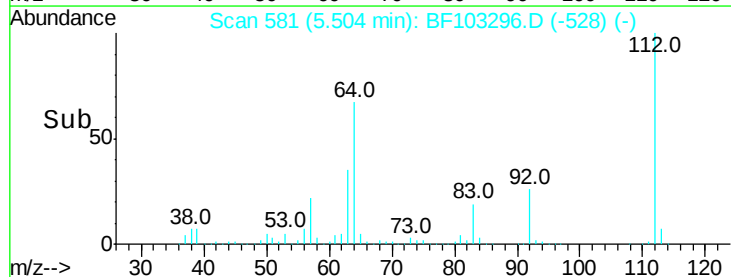
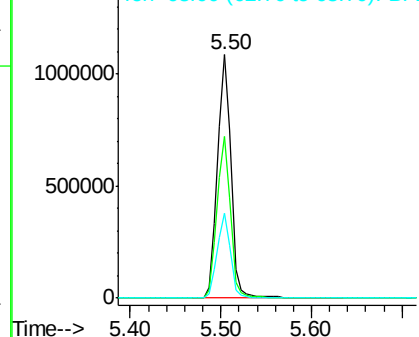
#5

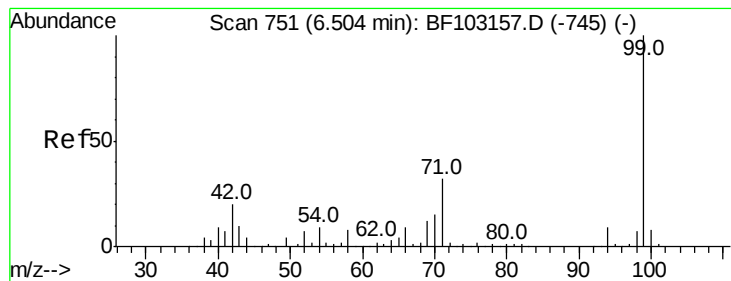
2-Fluorophenol
Concen: 118.738 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103296.D
Acq: 28 Feb 2018 16:43

Tgt Ion:112 Resp: 1146989
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 34.7 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: 114.009 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

Instrument :

BNA_F

ClientSampleId :

PB106912BL

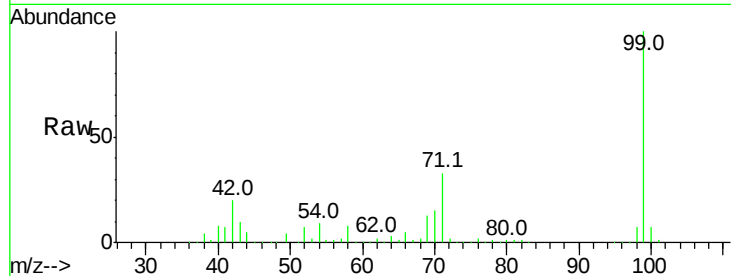
Tot Ion: 99 Resp: 1347618

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

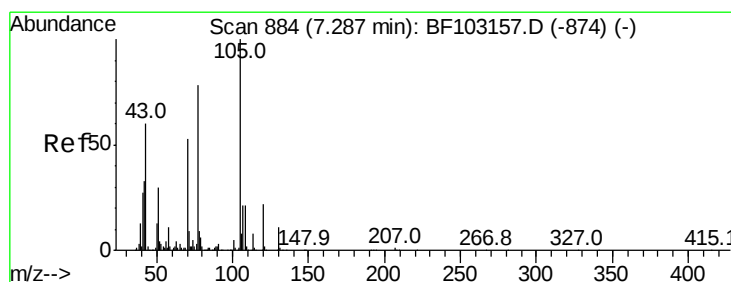
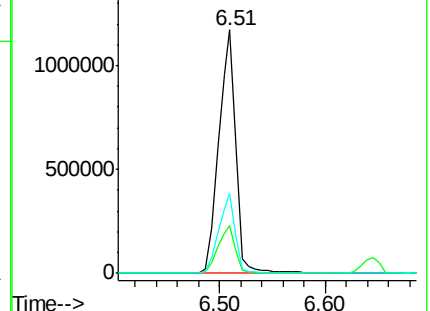
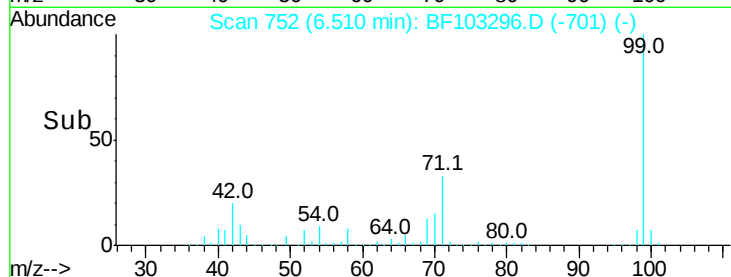
71 32.9 25.4 38.0



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: 15.413 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

Tgt Ion: 70 Resp: 113383

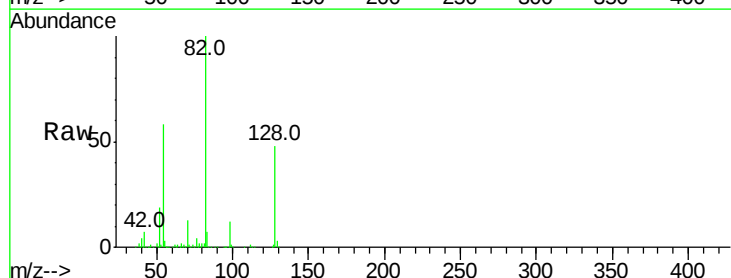
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

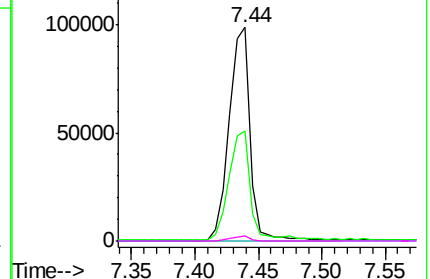
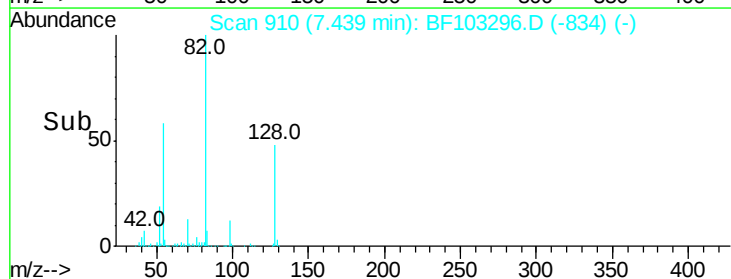


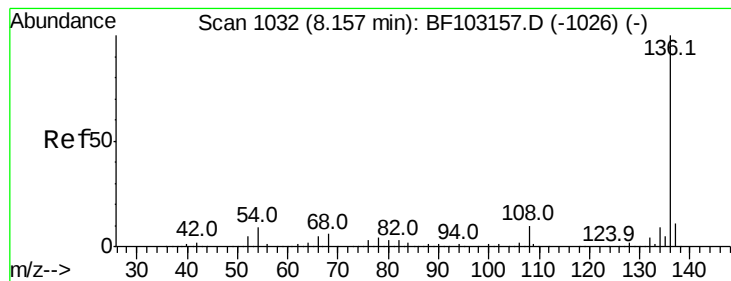
Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.01 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

Instrument :

BNA_F

ClientSampleId :

PB106912BL

Tot Ion:136 Resp: 619500

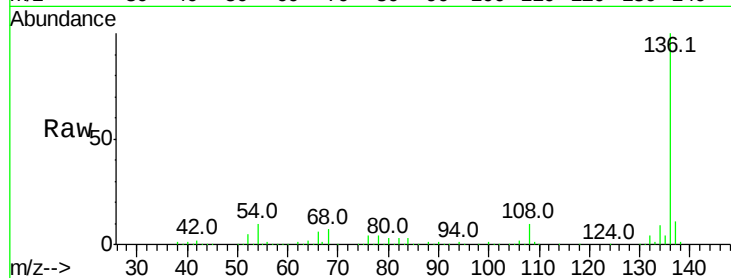
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.0 6.6 9.8#

68 7.3 5.0 7.4

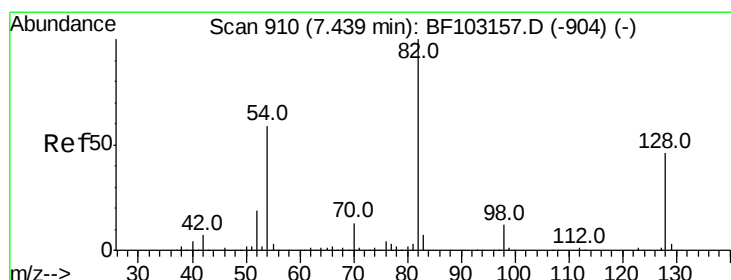
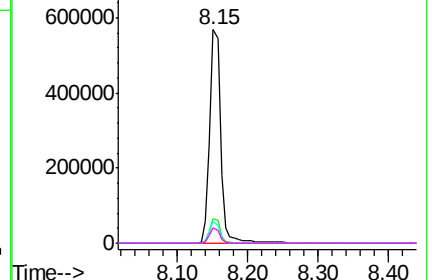
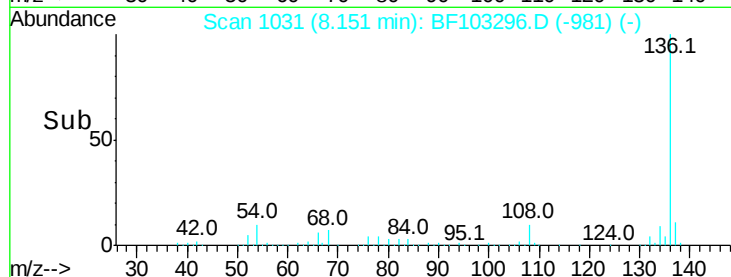


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.889 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

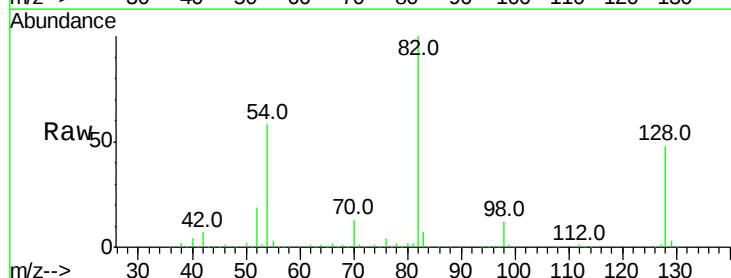
Tgt Ion: 82 Resp: 866619

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

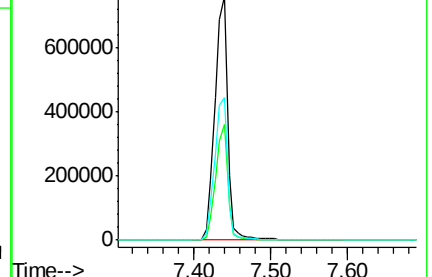
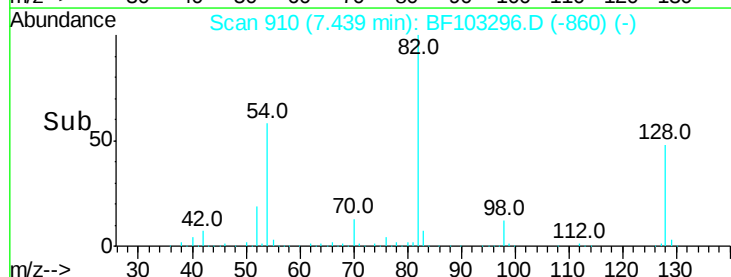
54 58.4 41.4 62.2

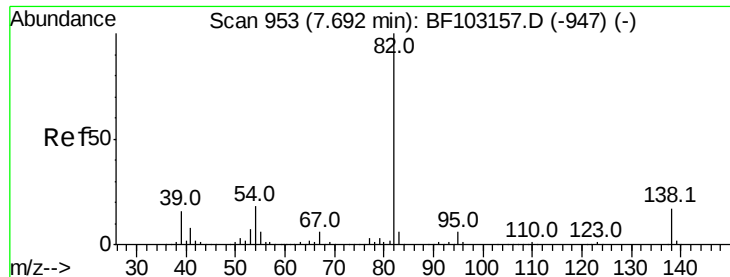


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.563 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

Instrument :

BNA_F

ClientSampleId :

PB106912BL

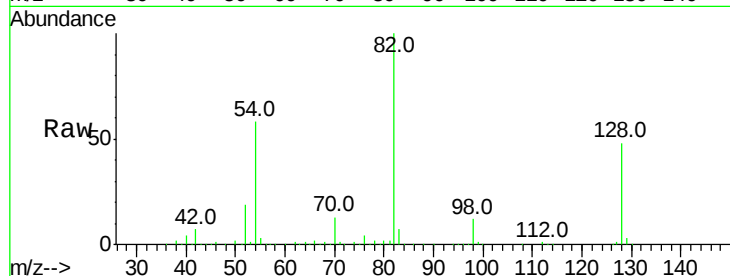
Tot Ion: 82 Resp: 866614

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

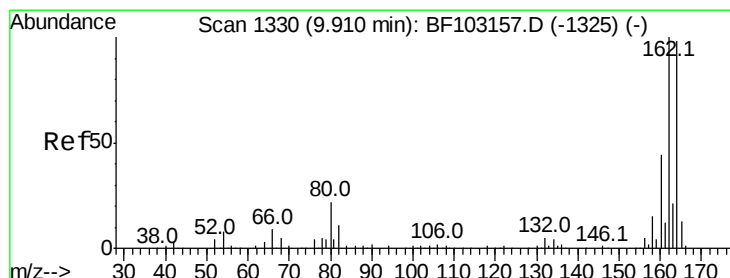
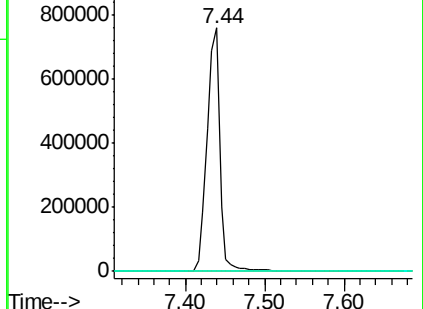
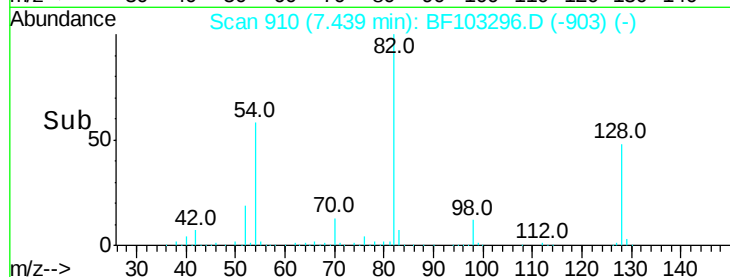
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

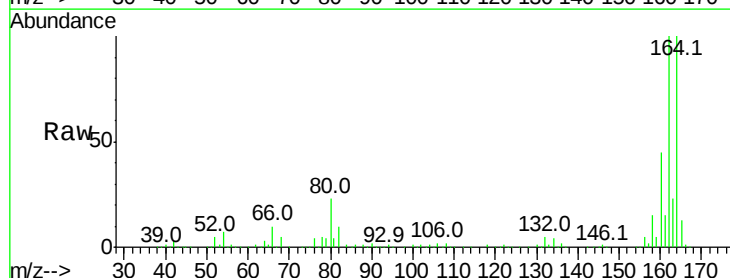
Tgt Ion:164 Resp: 288732

Ion Ratio Lower Upper

164 100

162 99.7 86.1 129.1

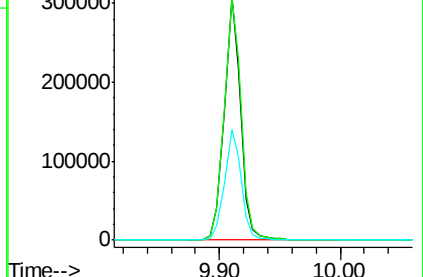
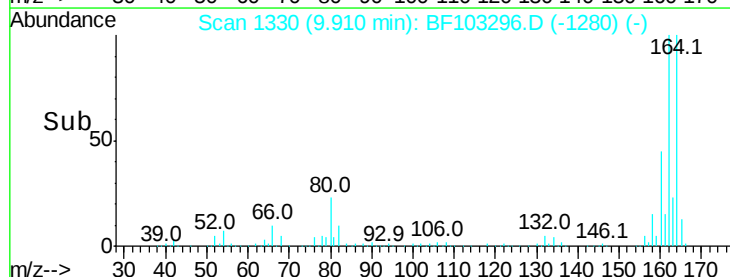
160 45.4 38.3 57.5

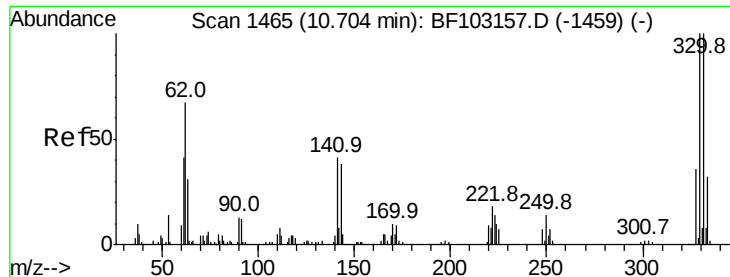


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

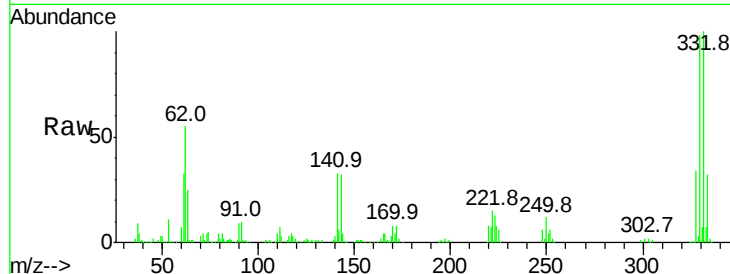




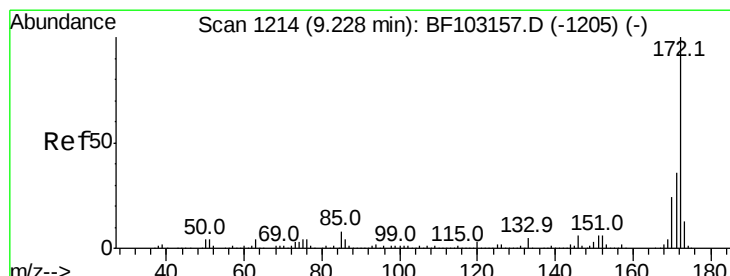
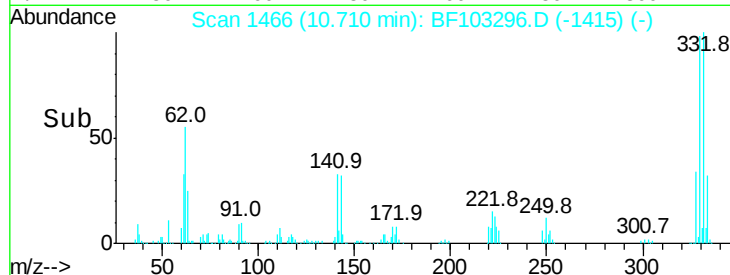
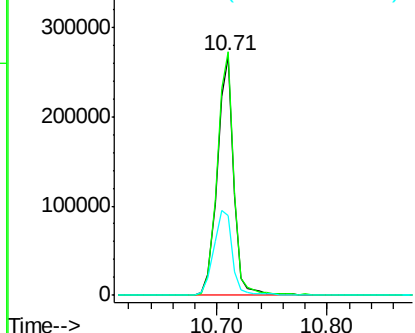
#41
 2,4,6-Tribromophenol
 Concen: 112.882 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103296.D
 Acq: 28 Feb 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB106912BL

Tot Ion:330 Resp: 275880
 Ion Ratio Lower Upper
 330 100
 332 103.4 77.0 115.6
 141 40.2 29.9 44.9

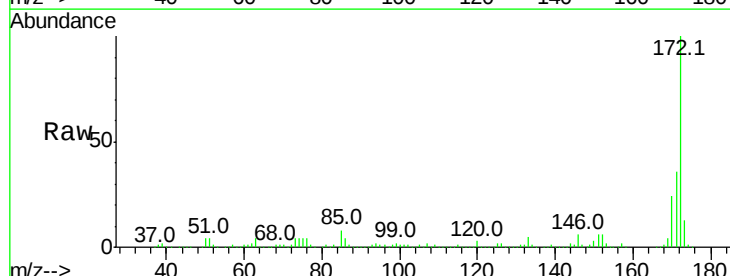


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

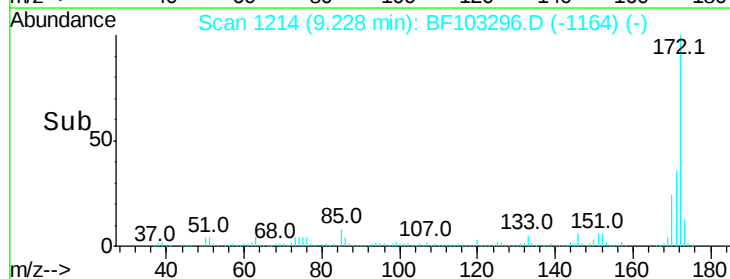
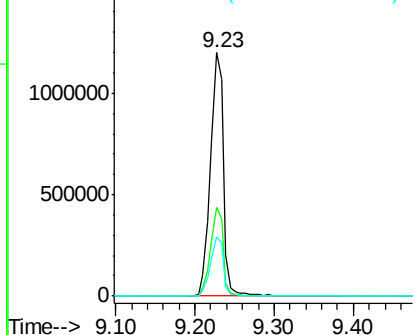


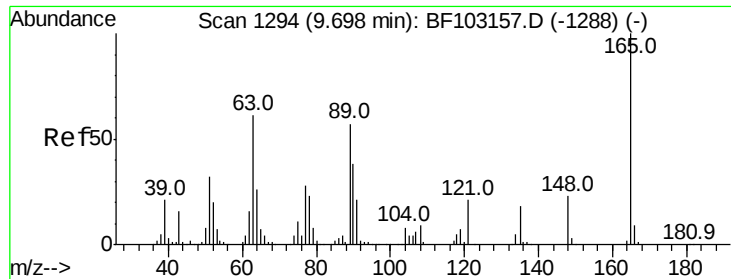
#44
 2-Fluorobiphenyl
 Concen: 80.609 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103296.D
 Acq: 28 Feb 2018 16:43

Tgt Ion:172 Resp: 1367986
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

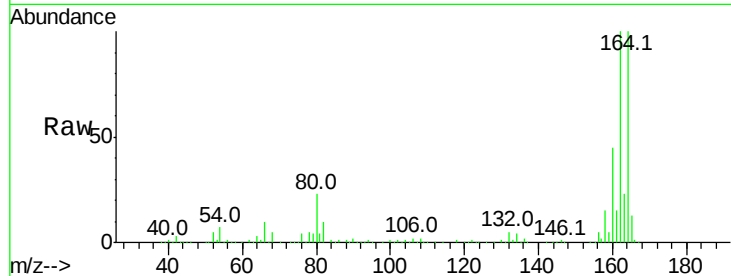




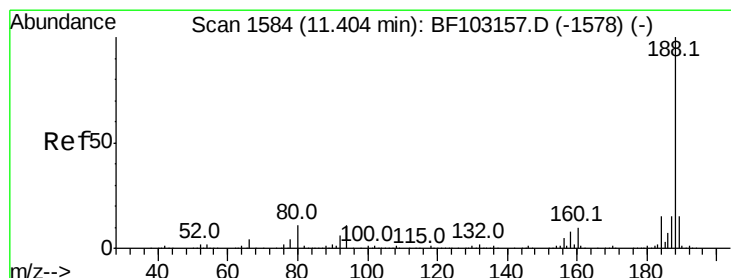
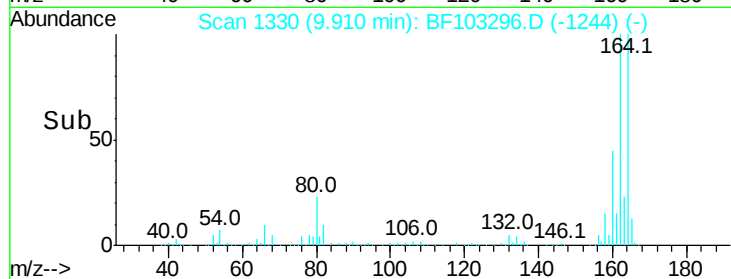
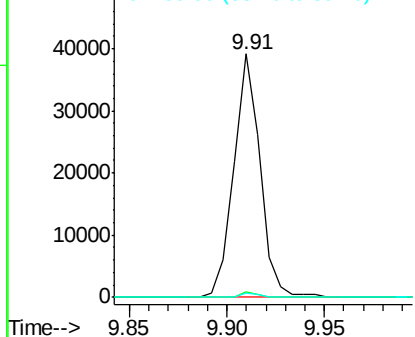
#50
 2,6-Dinitrotoluene
 Concen: 7.511 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103296.D
 Acq: 28 Feb 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB106912BL

Tot Ion:165 Resp: 36510
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.7 67.1#
 89 1.9 44.0 66.0#

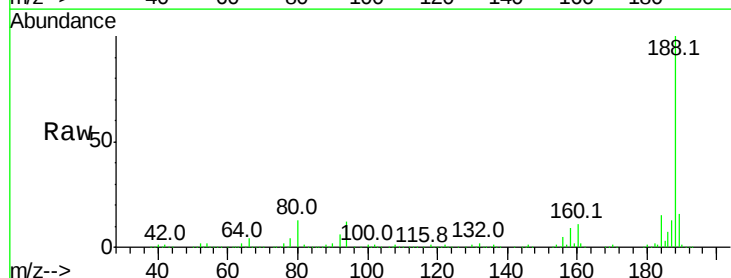


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

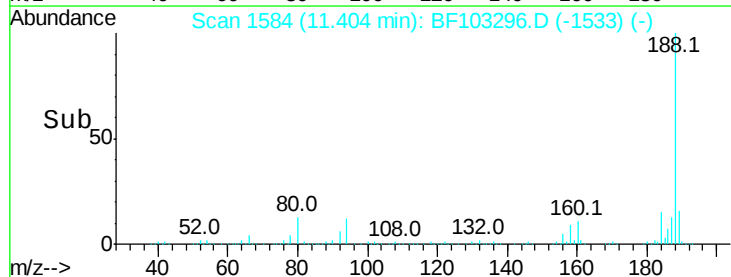
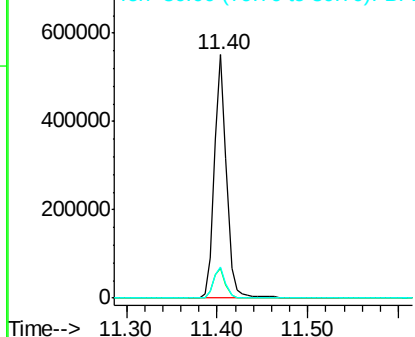


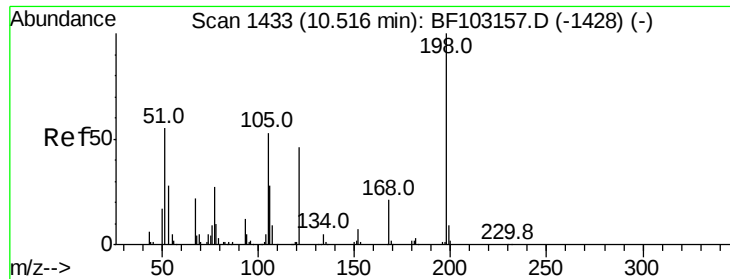
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103296.D
 Acq: 28 Feb 2018 16:43

Tgt Ion:188 Resp: 513448
 Ion Ratio Lower Upper
 188 100
 94 12.2 8.5 12.7
 80 13.0 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

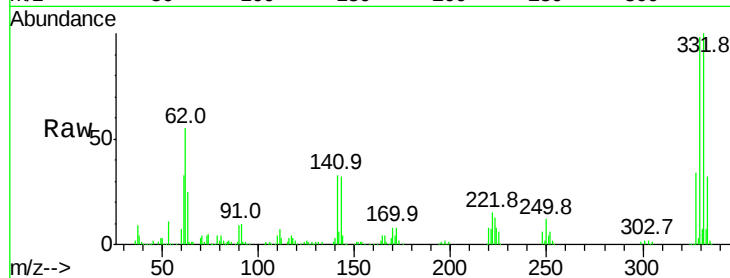




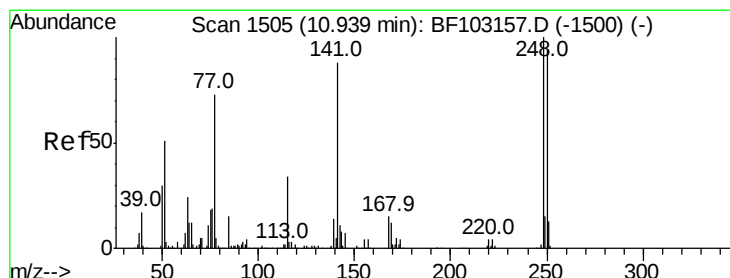
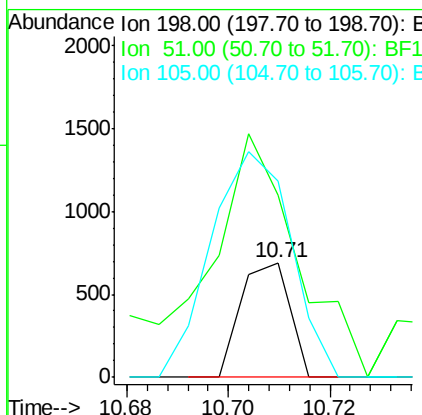
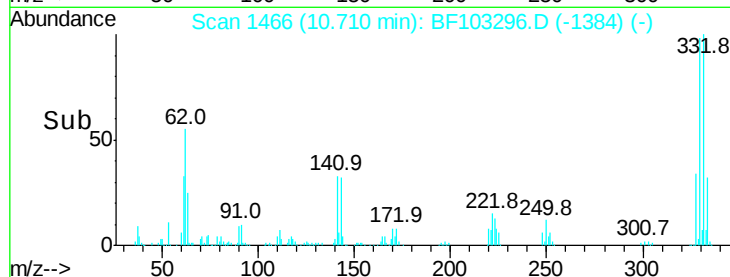
#64
4,6-Dinitro-2-methylphenol
Concen: 5.078 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103296.D
Acq: 28 Feb 2018 16:43

Instrument :
BNA_F
ClientSampled :
PB106912BL

Tot Ion:198 Resp: 462
Ion Ratio Lower Upper
198 100
51 159.1 37.7 77.7#
105 170.5 36.3 76.3#

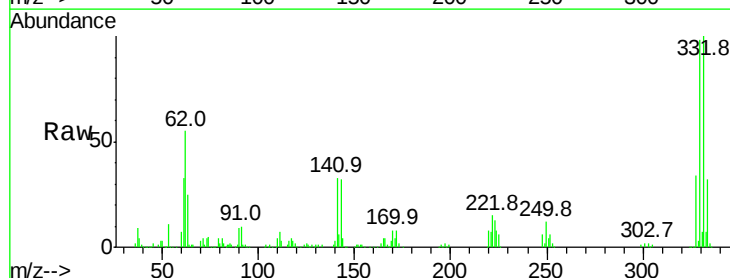


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

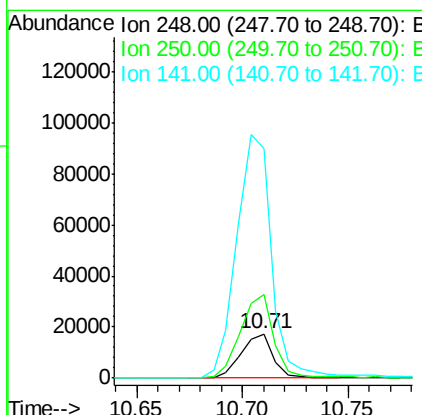
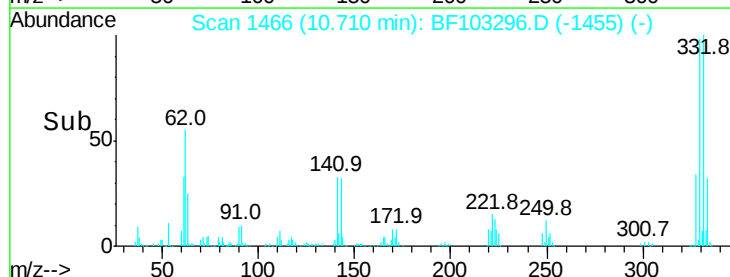


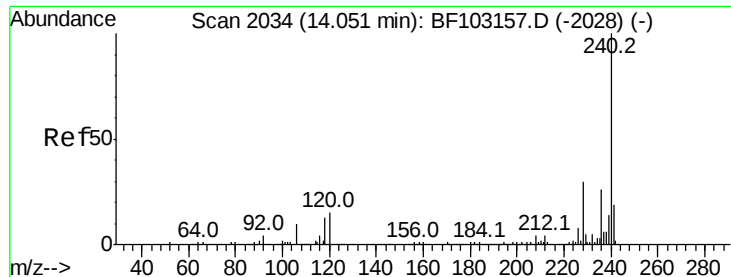
#66
4-Bromophenyl-phenylether
Concen: 3.408 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103296.D
Acq: 28 Feb 2018 16:43

Tgt Ion:248 Resp: 18230
Ion Ratio Lower Upper
248 100
250 190.3 76.9 115.3#
141 522.3 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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

Instrument :

BNA_F

ClientSampleId :

PB106912BL

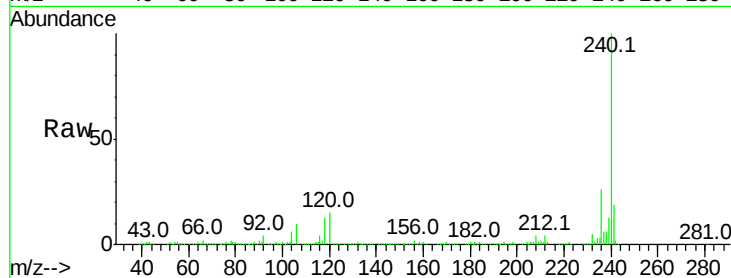
Tot Ion:240 Resp: 384414

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

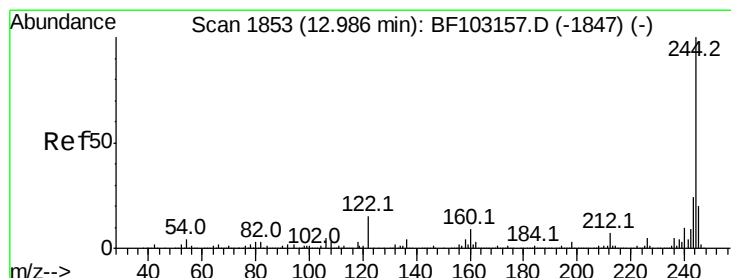
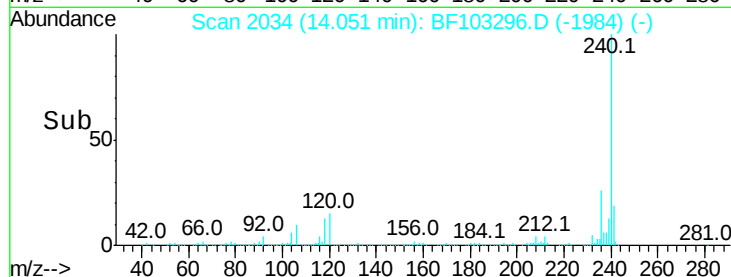
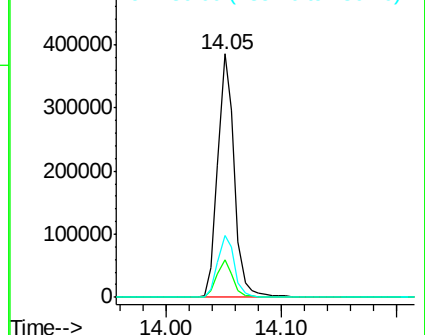
236 25.7 20.7 31.1



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: 81.946 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103296.D

Acq: 28 Feb 2018 16:43

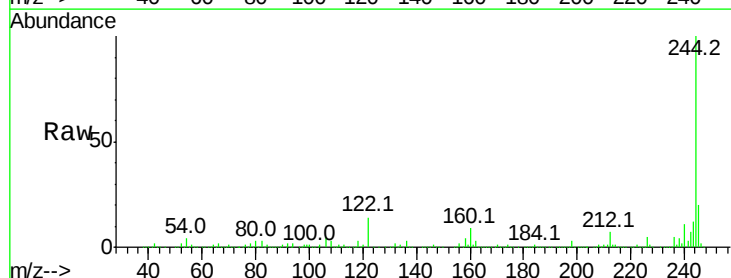
Tgt Ion:244 Resp: 1310431

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

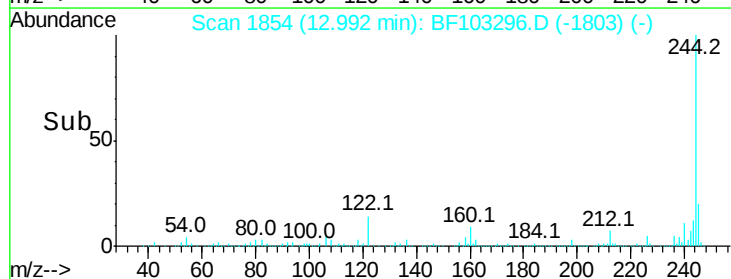
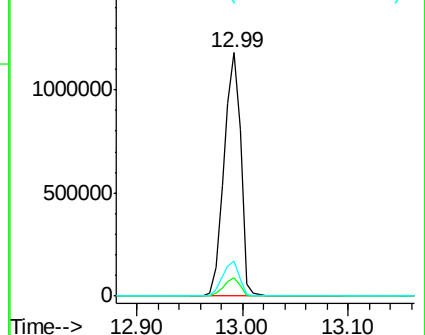
122 14.2 11.0 16.4

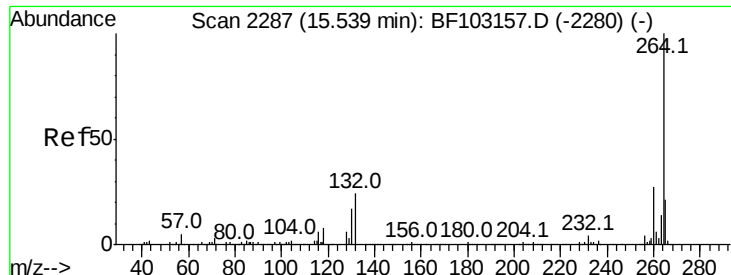


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

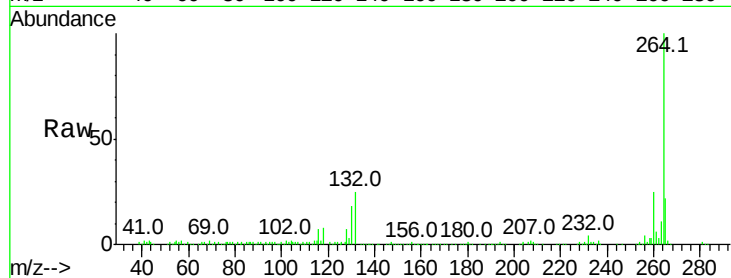




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103296.D
Acq: 28 Feb 2018 16:43

Instrument :
BNA_F
ClientSampleId :
PB106912BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	21.7	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

