

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105090.D
 Acq On : 3 May 2018 23:13
 Operator : JU/SJ
 Sample : J2682-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 02:01:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

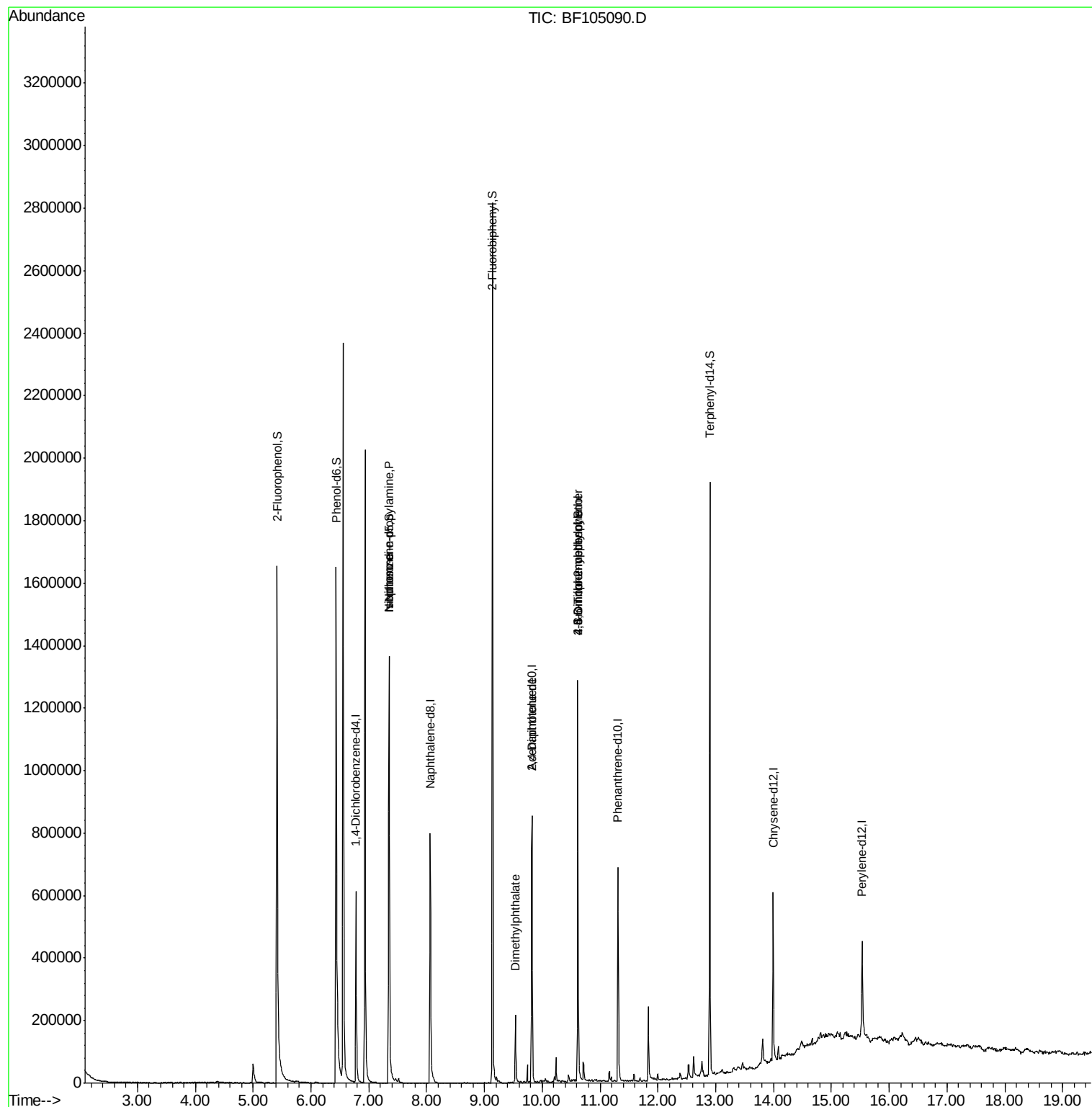
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	112480	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	447281	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	182425	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	270181	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	193794	20.00	ng	-0.04
86) Perylene-d12	15.53	264	142796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	734475	99.84	ng	0.00
7) Phenol-d6	6.43	99	894645	98.98	ng	0.00
23) Nitrobenzene-d5	7.35	82	522239	76.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	172923	91.38	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	927447	80.31	ng	-0.02
78) Terphenyl-d14	12.90	244	645010	75.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	66352	11.23	ng	# 71
25) Isophorone	7.35	82	522235	36.05	ng	# 64
49) Dimethylphthalate	9.54	163	109440	7.61	ng	99
56) 2,4-Dinitrotoluene	9.82	165	23332	6.68	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	147	7.44	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10454	3.64	ng	# 1
76) Benzidine	12.90	184	8539	Below Cal		97

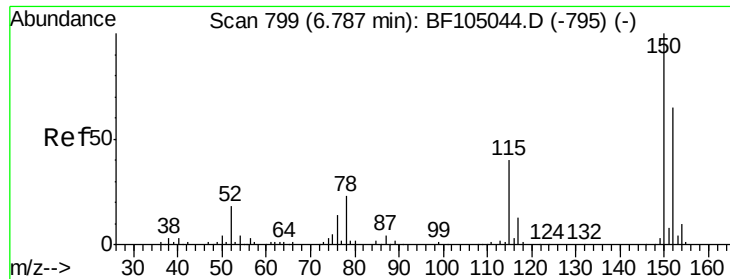
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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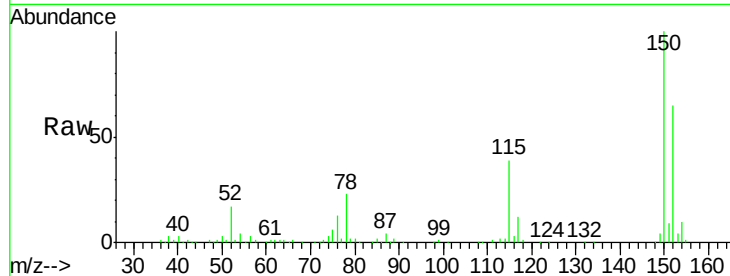


#1

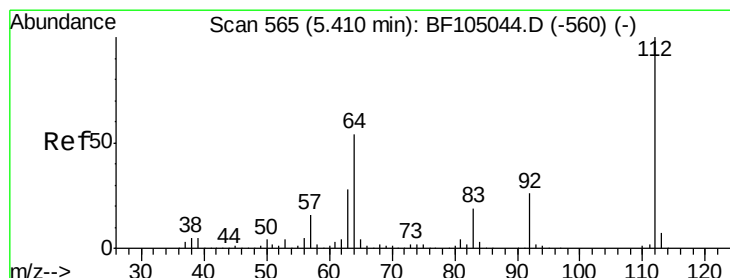
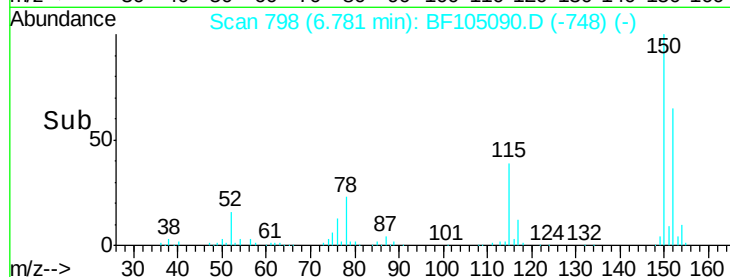
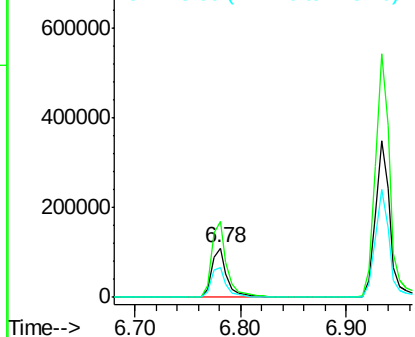
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112480
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.5 50.1 75.1



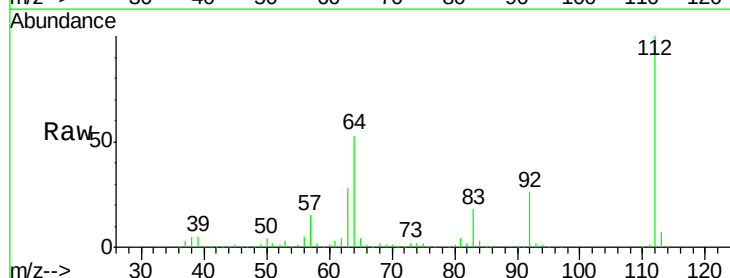
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



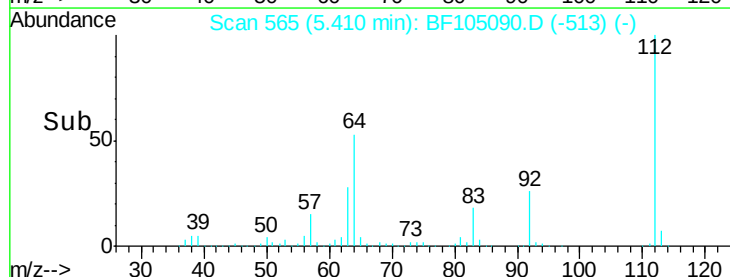
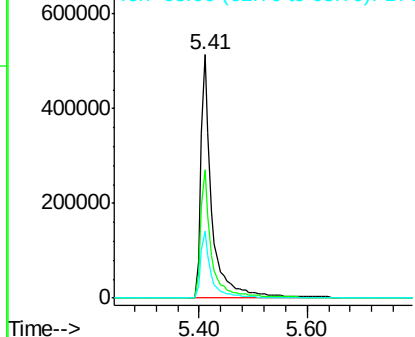
#5

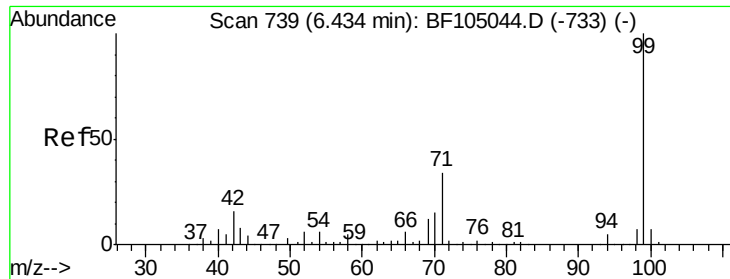
2-Fluorophenol
Concen: 99.84 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Tgt Ion:112 Resp: 734475
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 27.5 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: 98.98 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Instrument :

BNA_F

ClientSampleId :

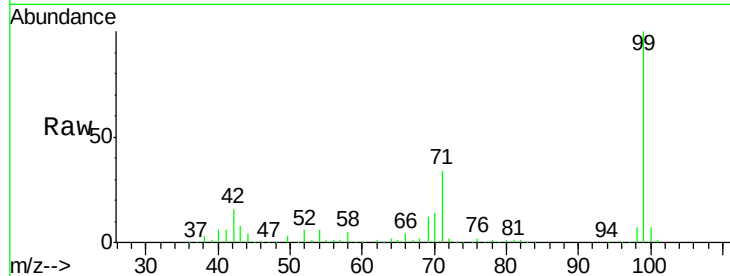
Tot Ion: 99 Resp: 894645

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

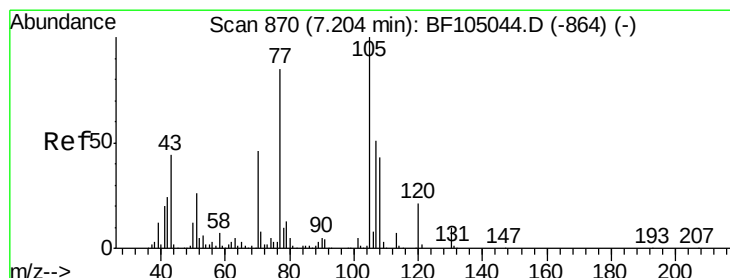
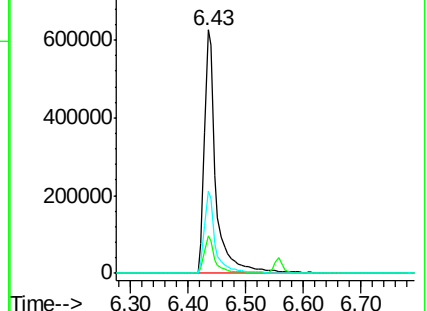
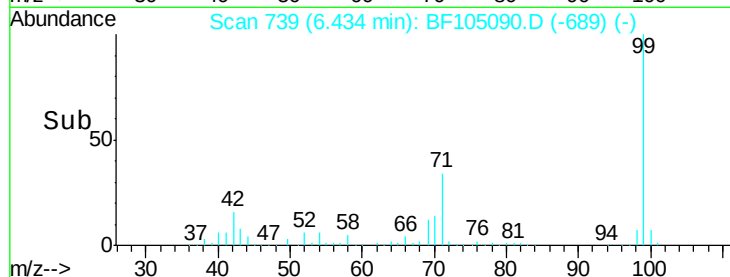
71 34.0 25.4 38.0



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: 11.23 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Tgt Ion: 70 Resp: 66352

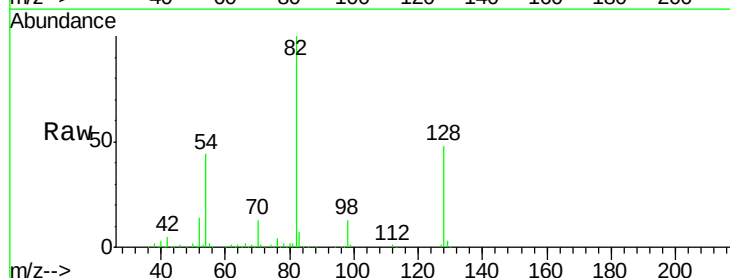
Ion Ratio Lower Upper

70 100

42 39.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

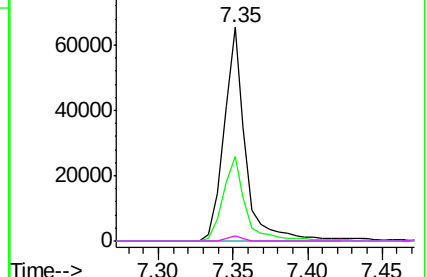
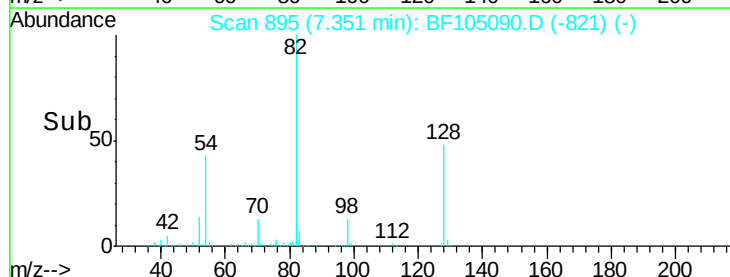


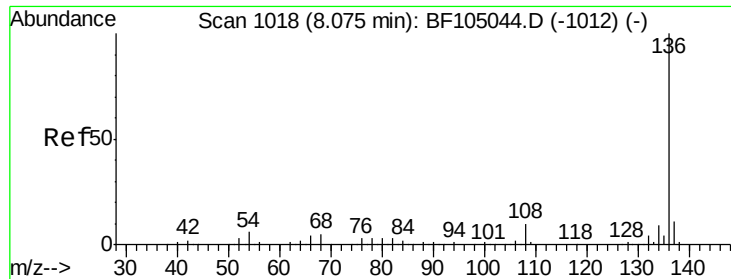
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 447281

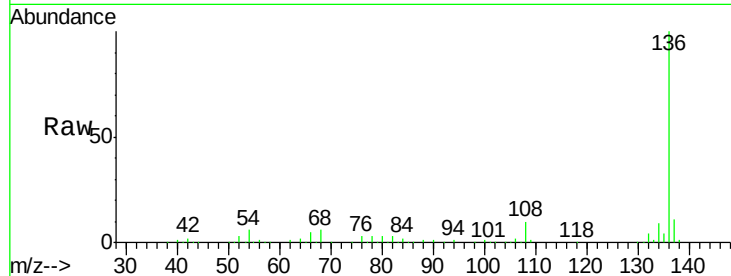
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

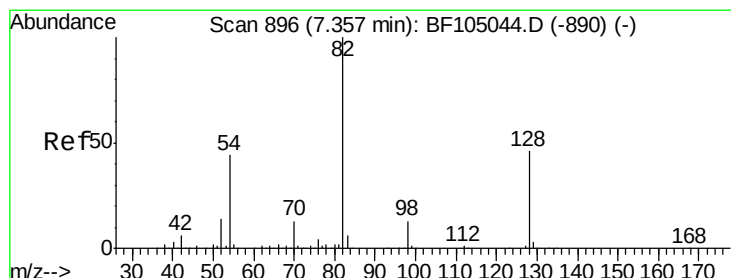
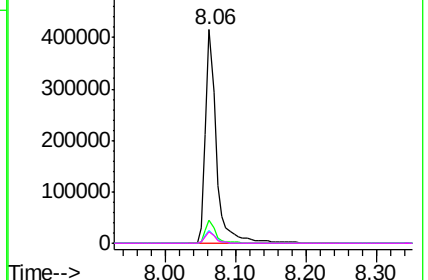
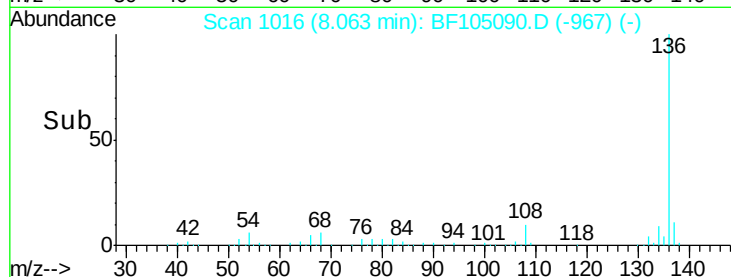


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.24 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

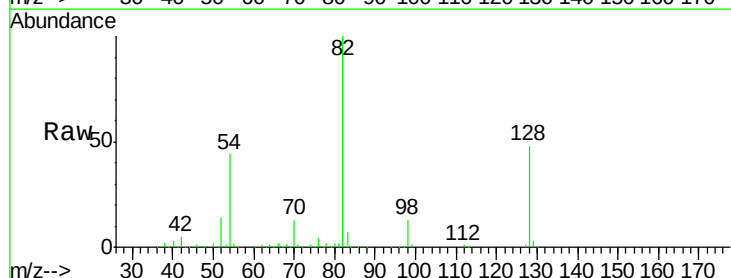
Tgt Ion: 82 Resp: 522239

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

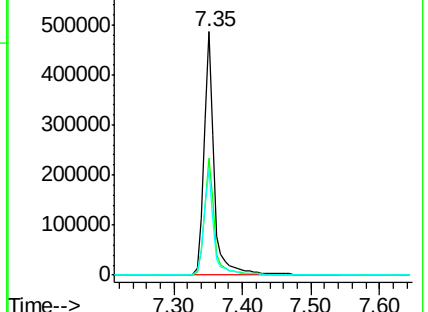
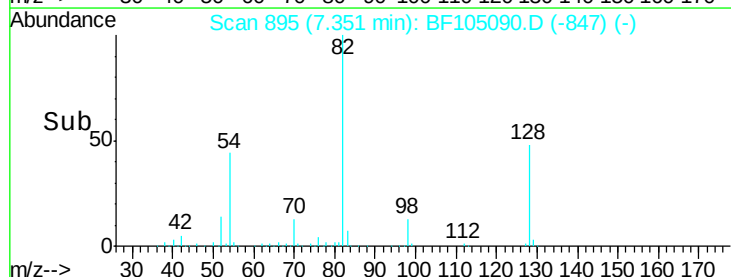
54 43.5 41.4 62.2

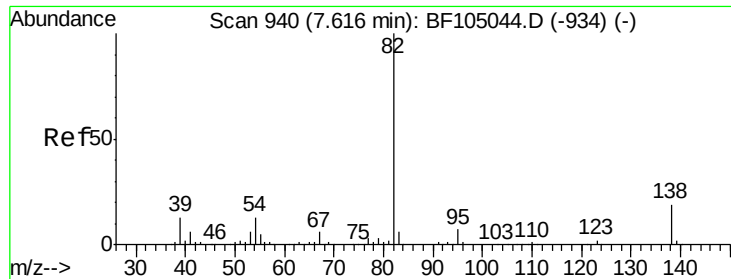


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.05 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Instrument :

BNA_F

ClientSampleId :

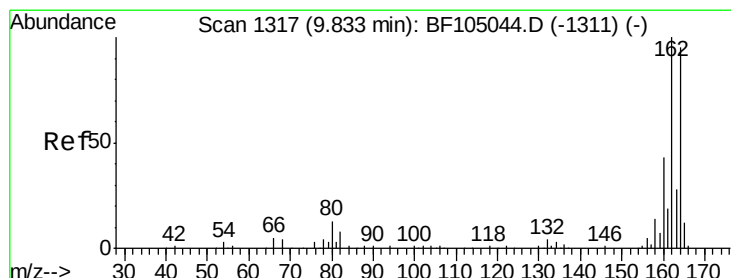
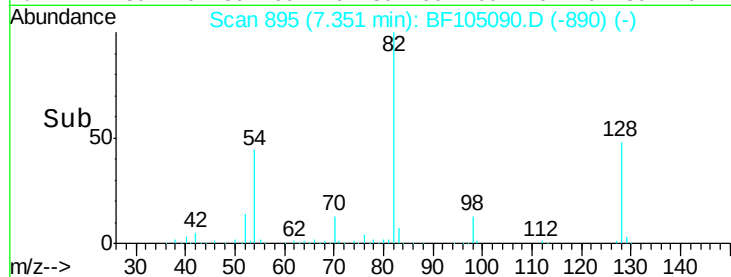
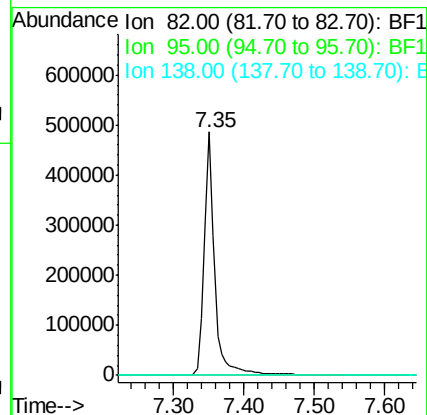
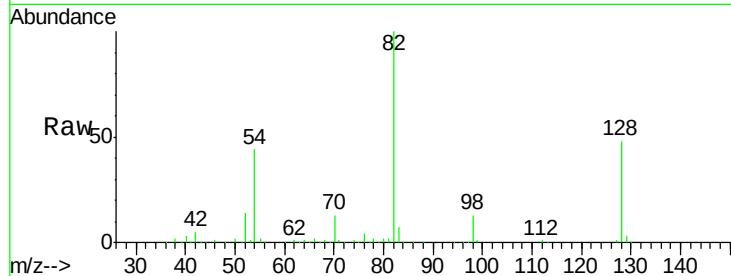
Tot Ion: 82 Resp: 522235

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

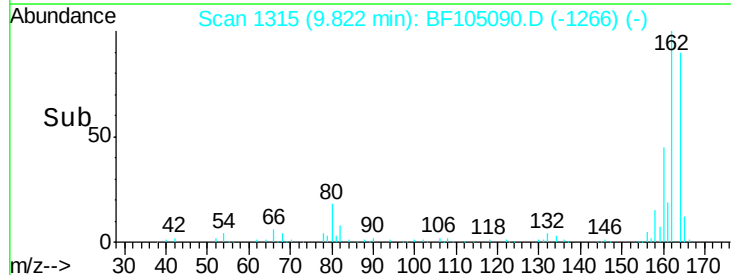
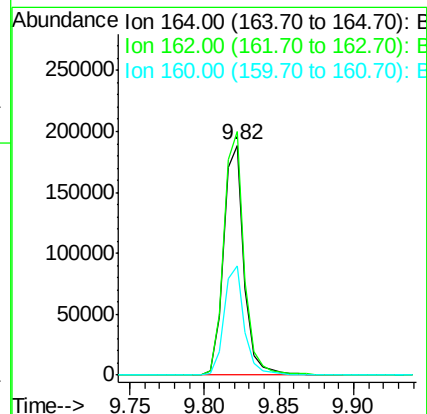
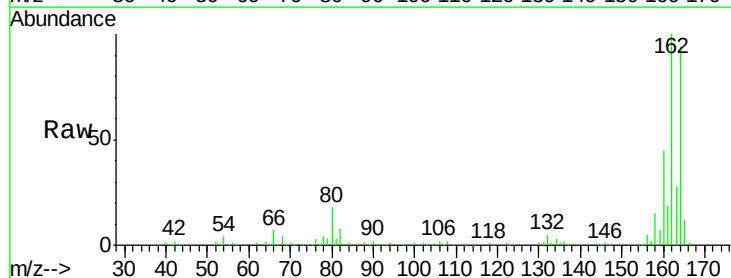
Tgt Ion: 164 Resp: 182425

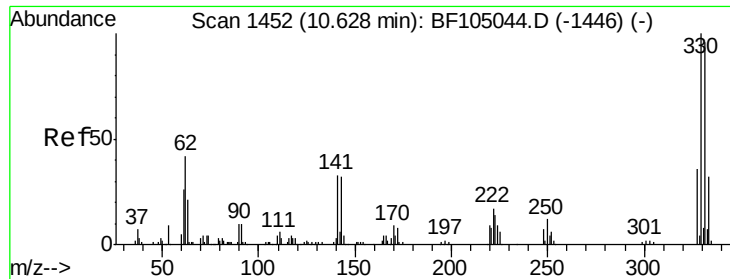
Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

160 47.3 38.3 57.5

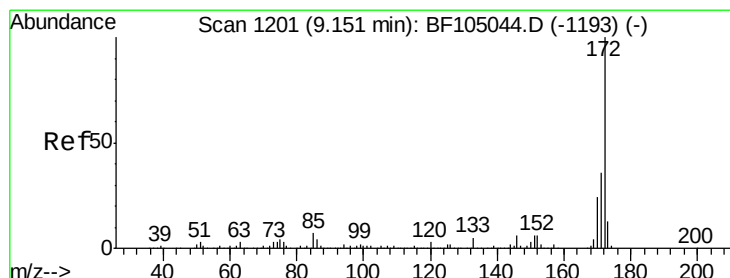
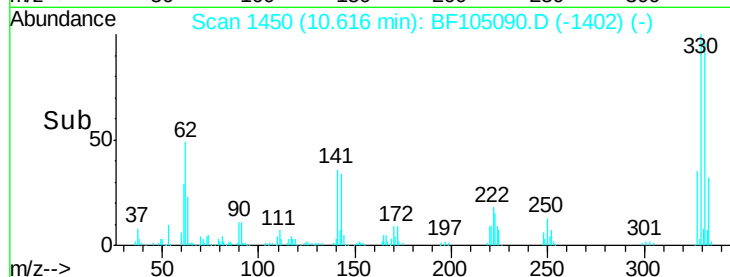
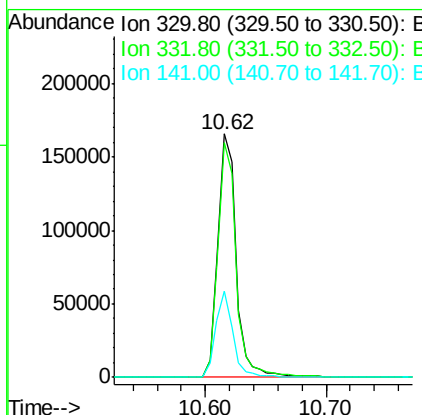
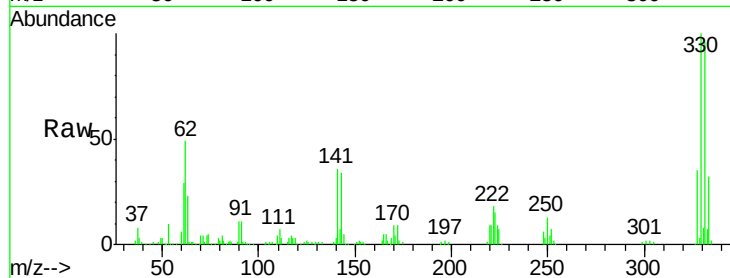




#41
 2,4,6-Tribromophenol
 Concen: 91.38 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF105090.D
 Acq: 3 May 2018 23:13

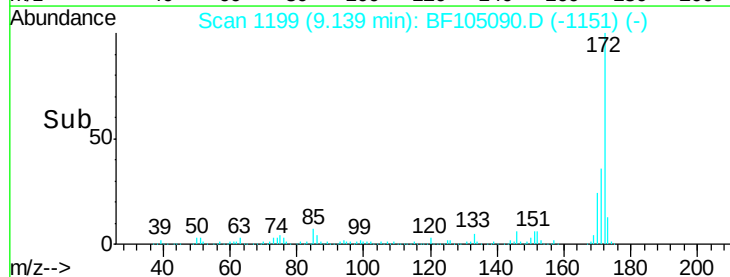
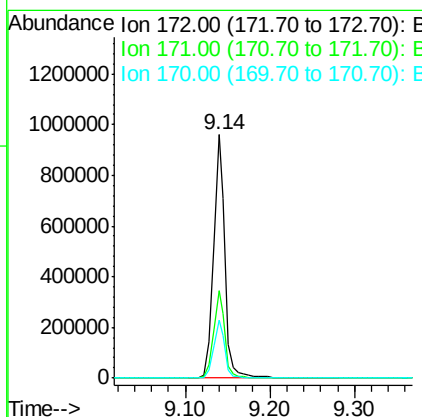
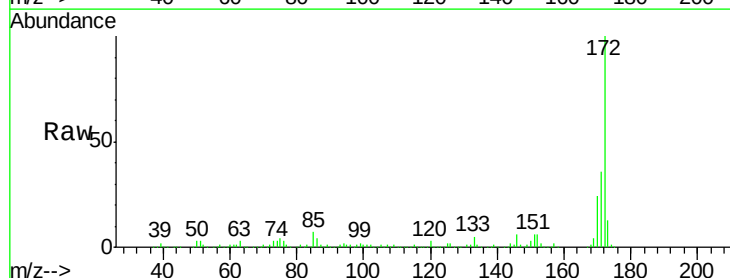
Instrument :
 BNA_F
 ClientSampled :

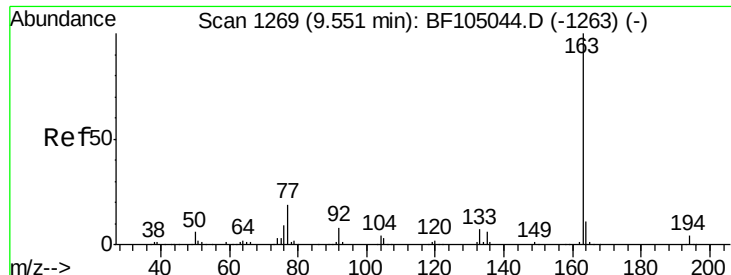
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105090.D
 Acq: 3 May 2018 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

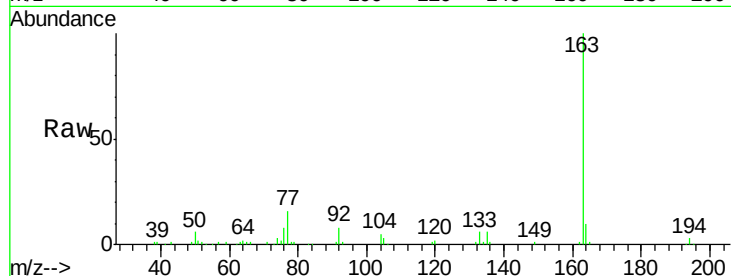




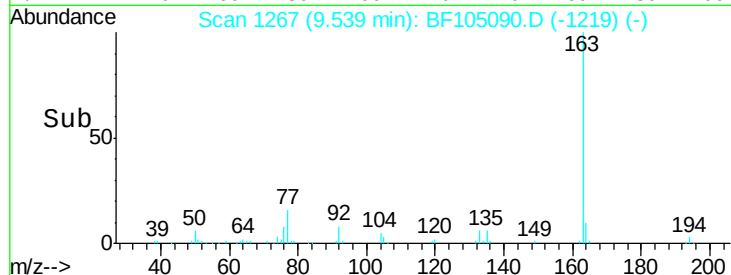
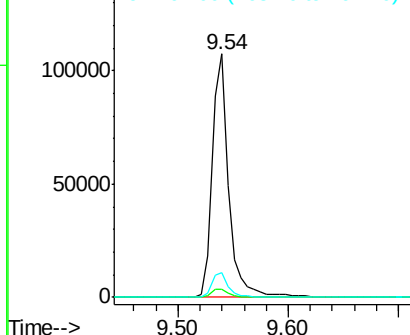
#49
Dimethylphthalate
Concen: 7.61 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 109440
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

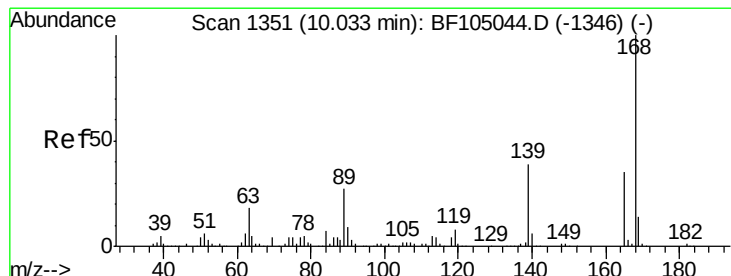


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

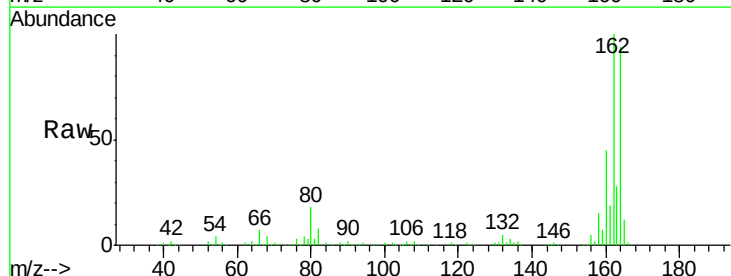
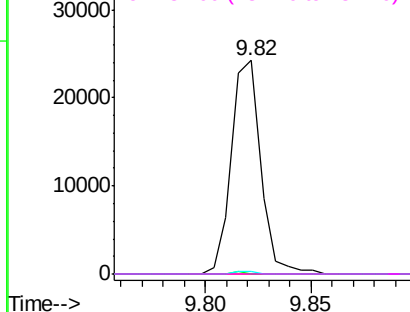


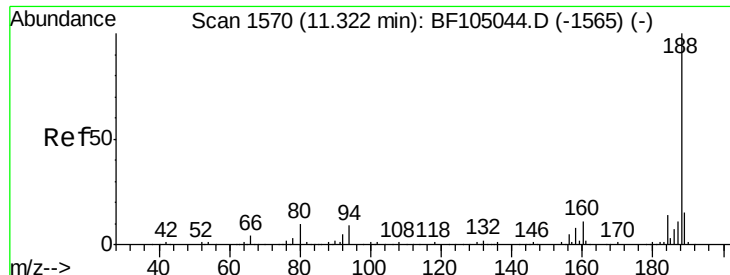
#56
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Tgt Ion:165 Resp: 23332
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.5 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

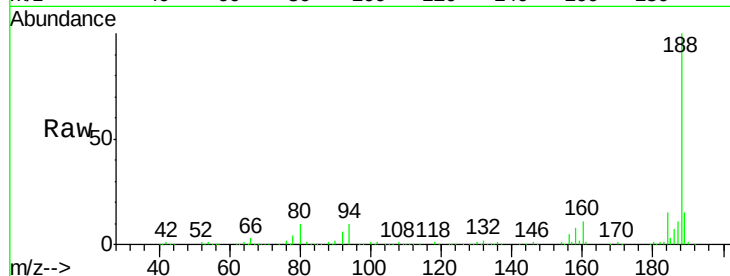




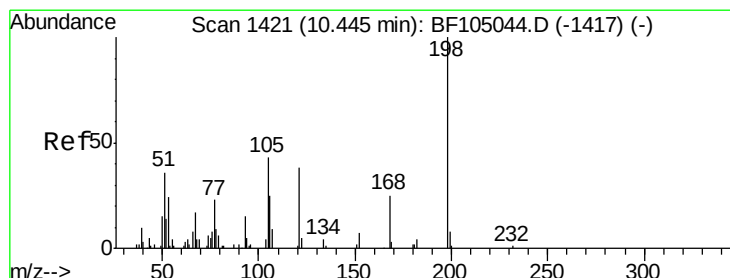
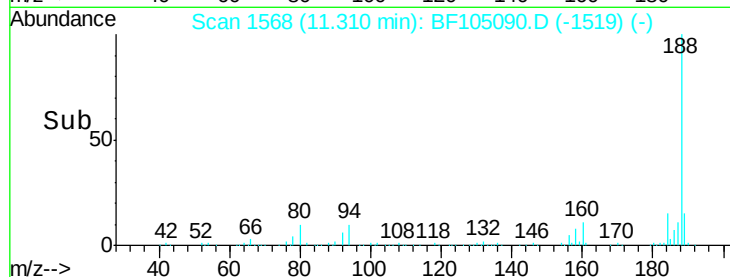
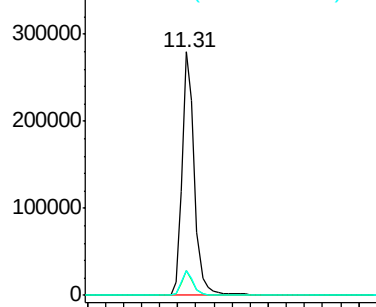
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 270181
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.1 9.2 13.8

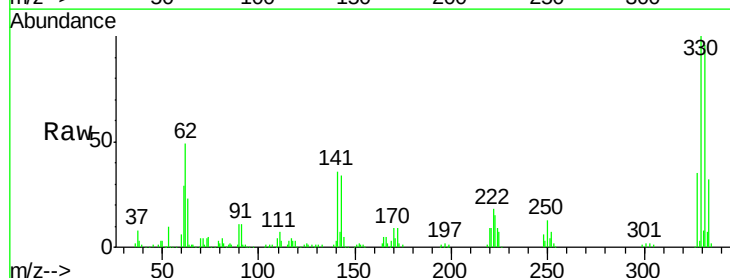


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

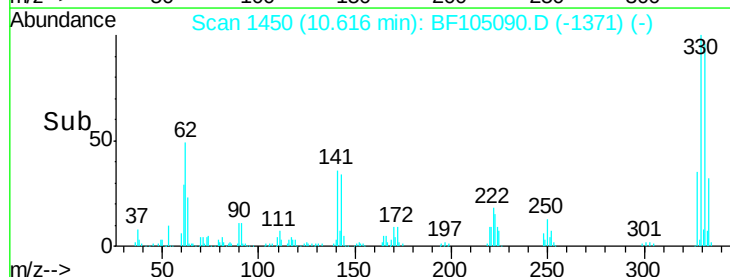
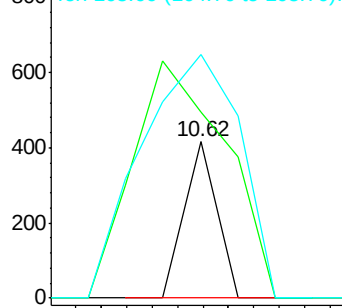


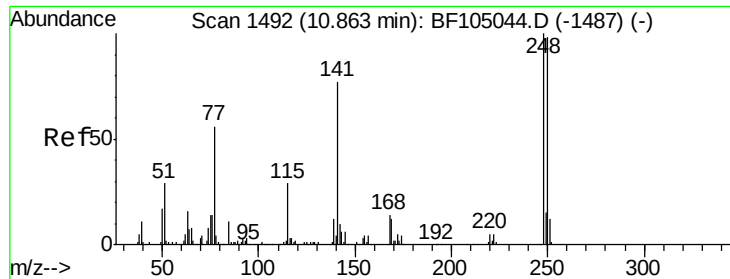
#64
4,6-Dinitro-2-methylphenol
Concen: 7.44 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.16 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Tgt Ion:198 Resp: 147
Ion Ratio Lower Upper
198 100
51 118.8 37.7 77.7#
105 155.8 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

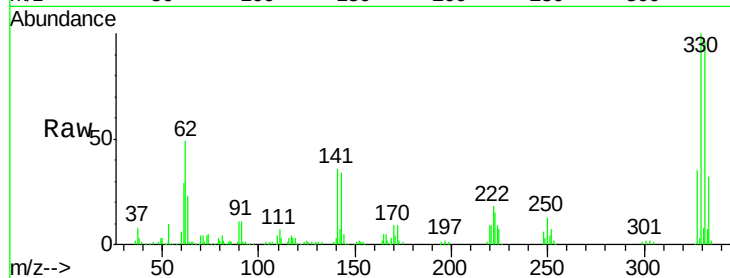




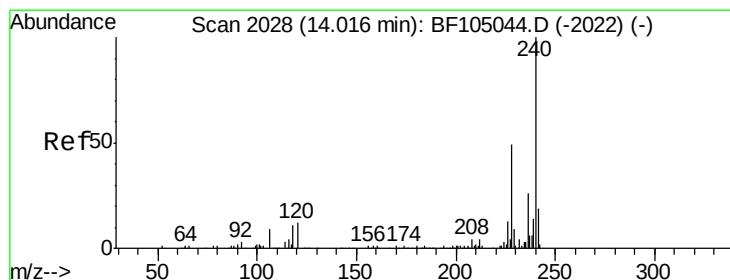
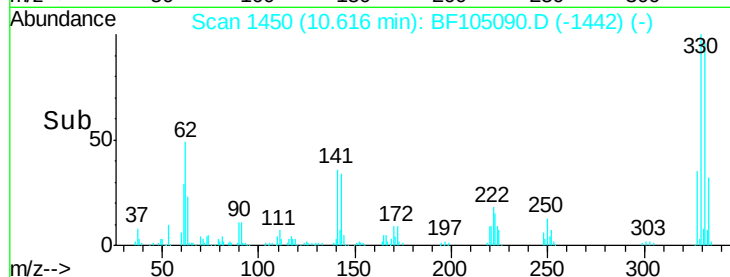
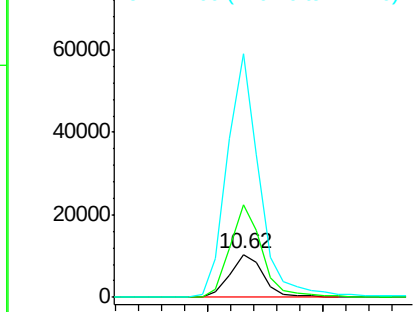
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10454
Ion Ratio Lower Upper
248 100
250 215.9 76.9 115.3#
141 570.0 74.4 111.6#

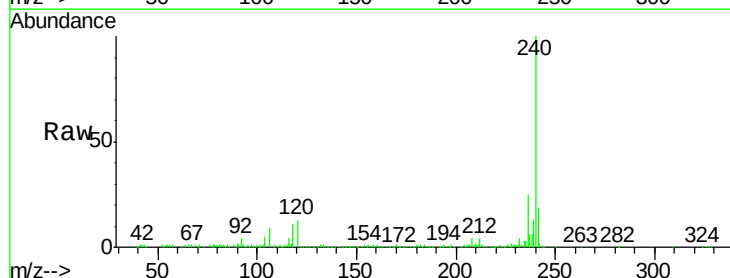


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

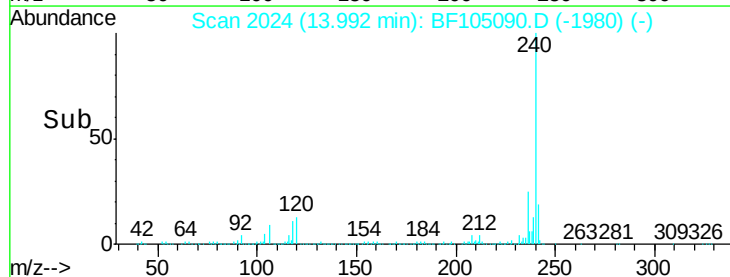
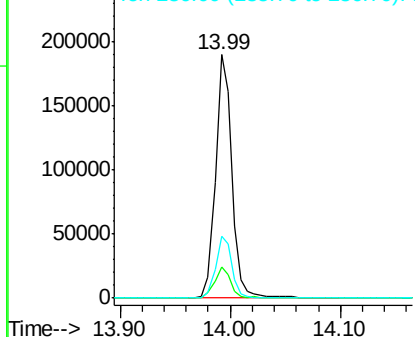


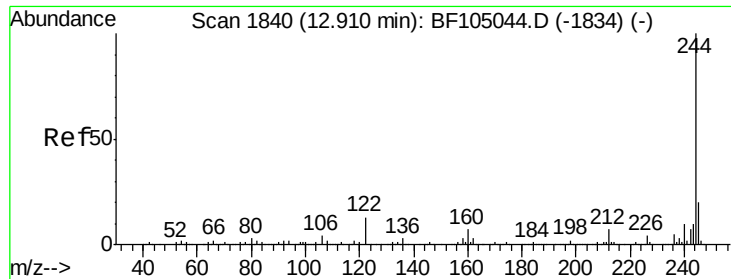
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Tgt Ion:240 Resp: 193794
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.3 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: 75.88 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Instrument :

BNA_F

ClientSampleId :

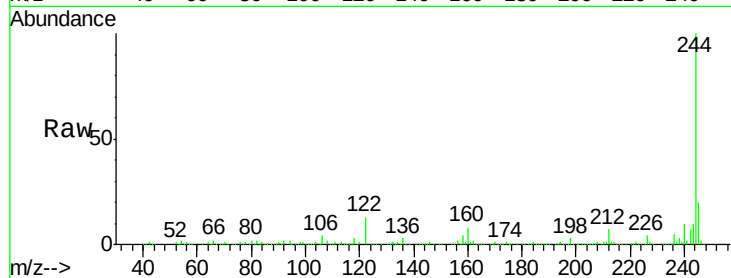
Tot Ion:244 Resp: 645010

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

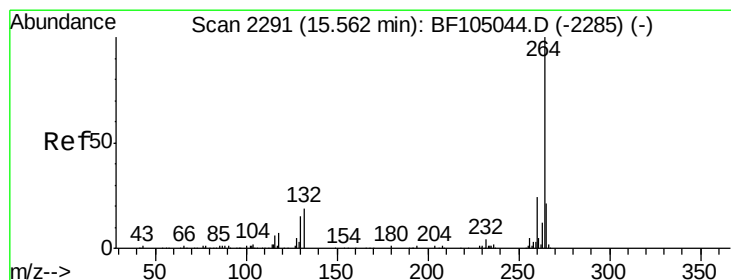
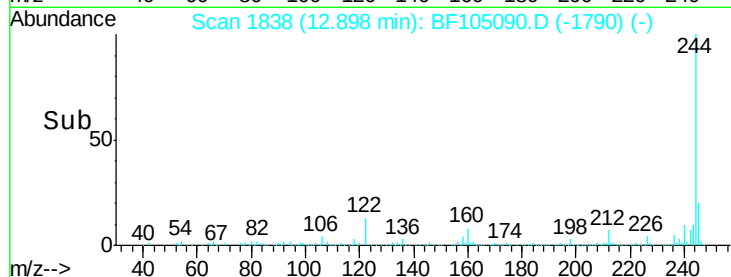
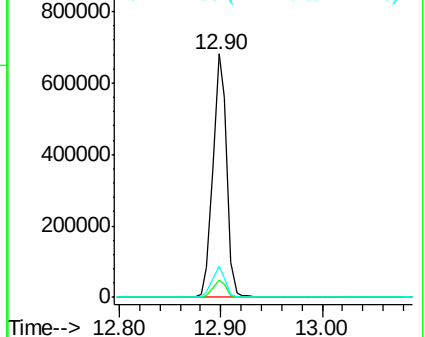
122 12.9 11.0 16.4



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: 20.00 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.06 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

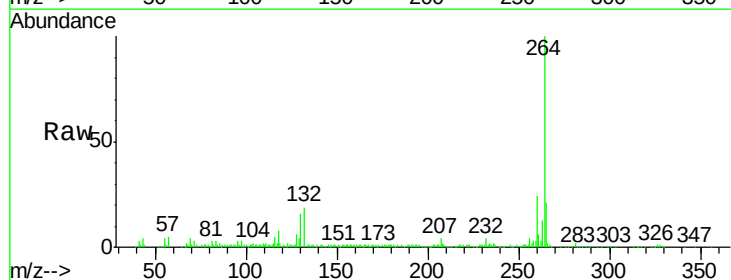
Tgt Ion:264 Resp: 142796

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 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

