

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098643.D
 Acq On : 19 Sep 2017 16:09
 Operator : SJ/JU
 Sample : PB102430TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102430TB

Quant Time: Sep 20 01:19:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

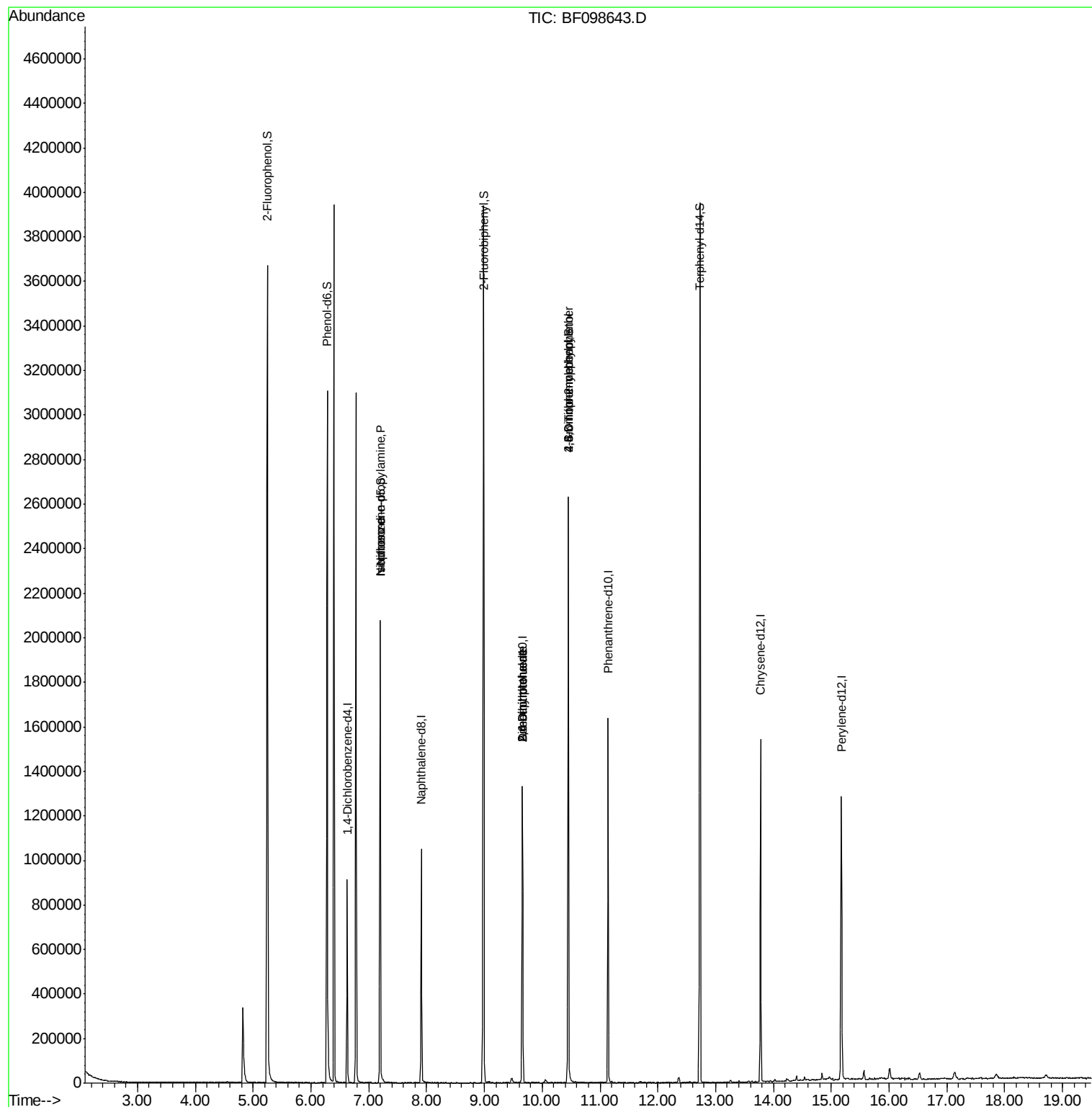
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	125640	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	524545	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	267624	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	582310	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	542209	20.00	ng	-0.01
86) Perylene-d12	15.17	264	522505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1024247	120.53	ng	0.00
7) Phenol-d6	6.28	99	1275246	118.20	ng	-0.01
23) Nitrobenzene-d5	7.20	82	719620	76.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	288923	161.76	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1312233	83.11	ng	-0.01
78) Terphenyl-d14	12.73	244	1527903	60.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	97260	14.33	ng	# 78
25) Isophorone	7.20	82	719613	37.80	ng	# 67
49) Dimethylphthalate	9.66	163	78426	3.79	ng	# 1
50) 2,6-Dinitrotoluene	9.66	165	33904	7.97	ng	# 35
56) 2,4-Dinitrotoluene	9.66	165	33904	6.55	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.45	198	749	5.15	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	21661	3.92	ng	# 1

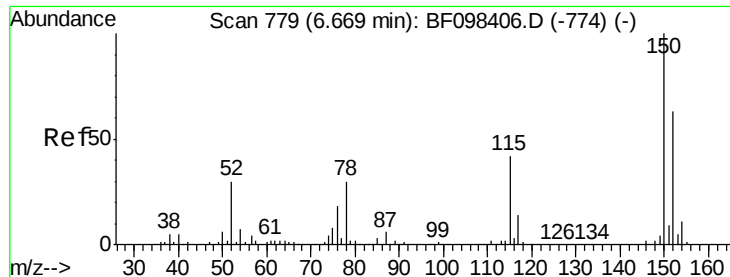
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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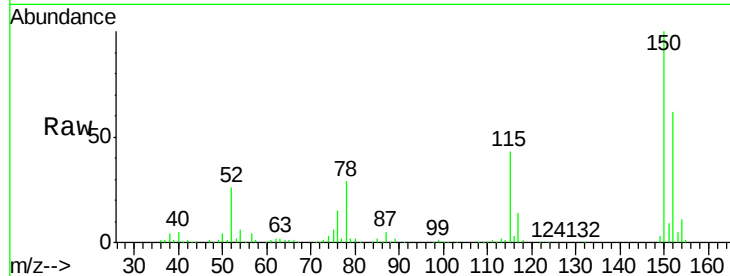


#1

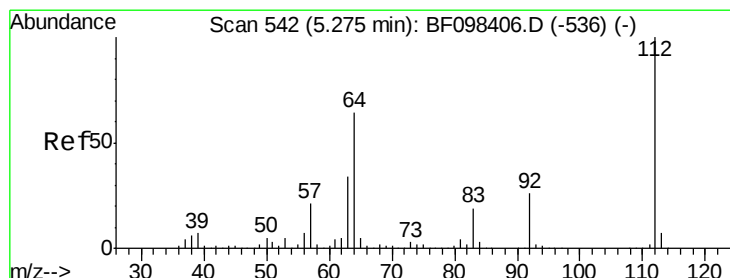
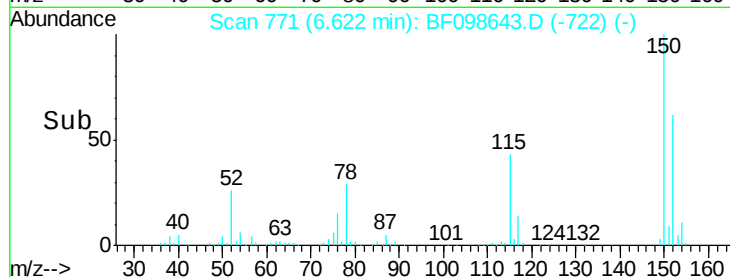
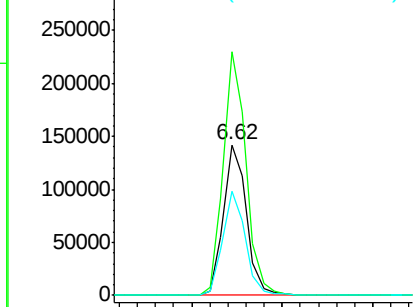
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB102430TB

Tot Ion:152 Resp: 125640
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.2
115 69.6 52.2 78.2



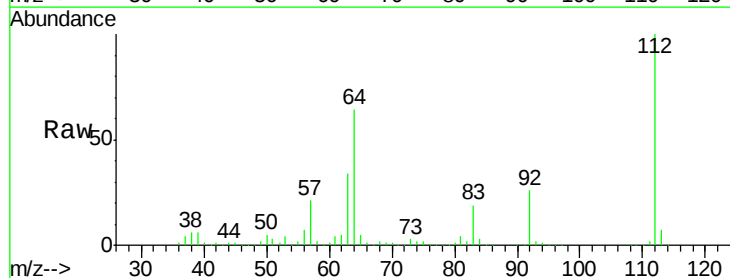
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



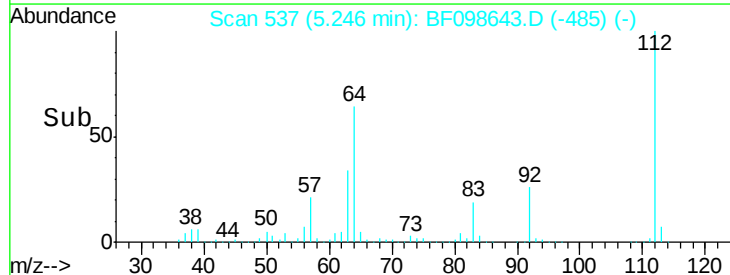
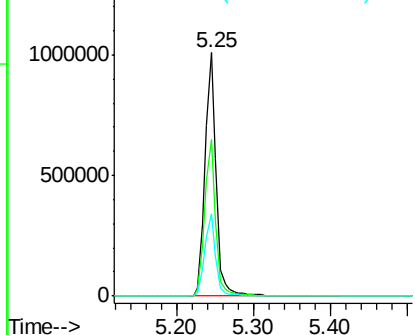
#5

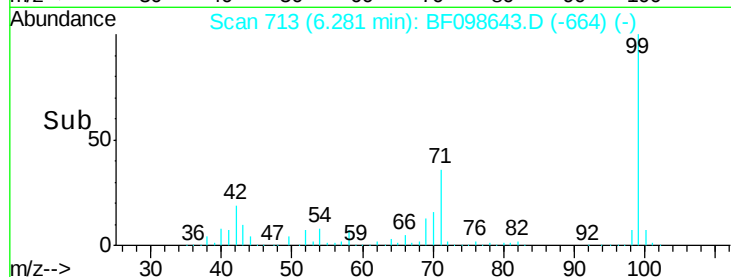
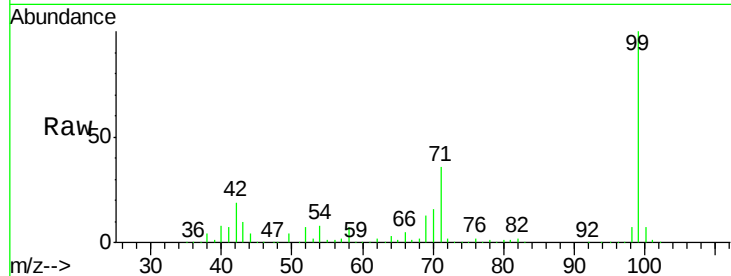
2-Fluorophenol
Concen: 120.53 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Tgt Ion:112 Resp: 1024247
Ion Ratio Lower Upper
112 100
64 64.2 46.0 69.0
63 33.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.20 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB102430TB

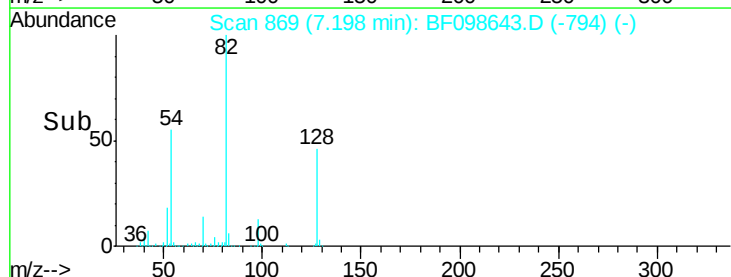
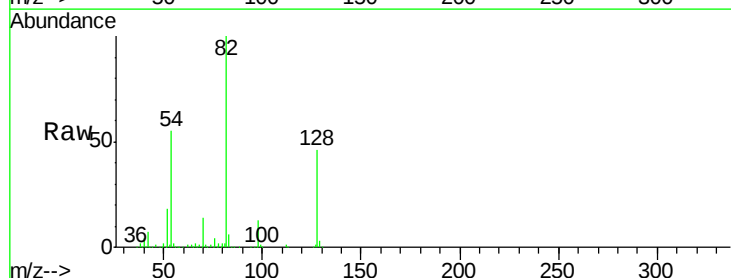
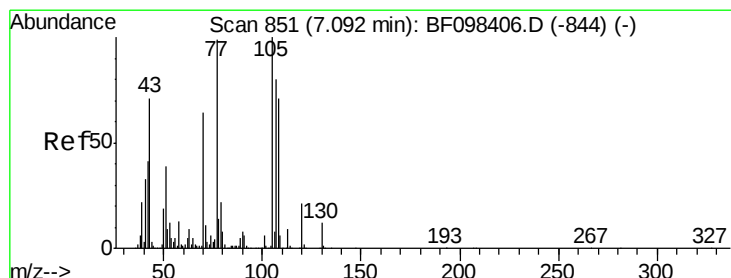
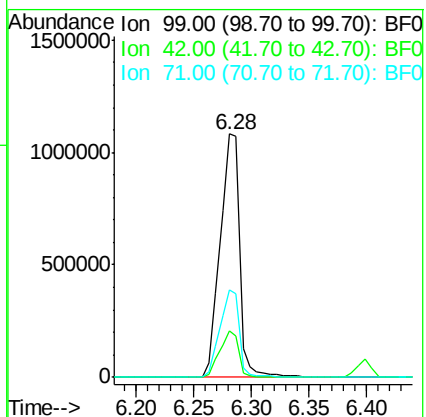
Tot Ion: 99 Resp: 1275246

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

71 36.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.33 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.14 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Tgt Ion: 70 Resp: 97260

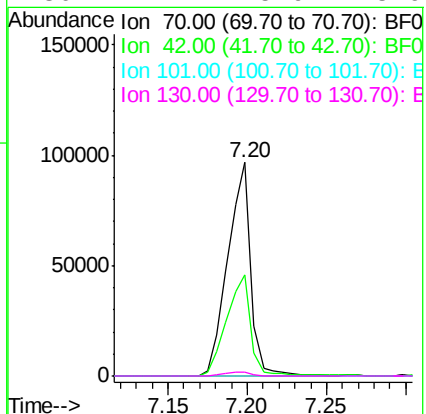
Ion Ratio Lower Upper

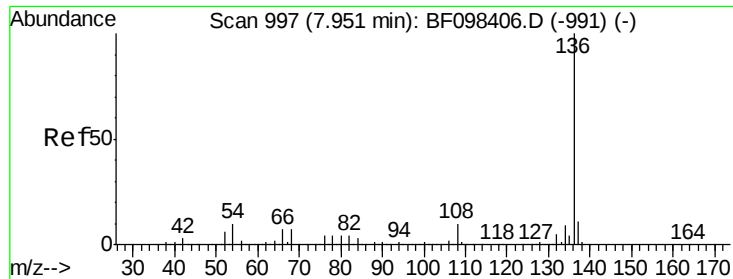
70 100

42 47.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB102430TB

Tot Ion:136 Resp: 524545

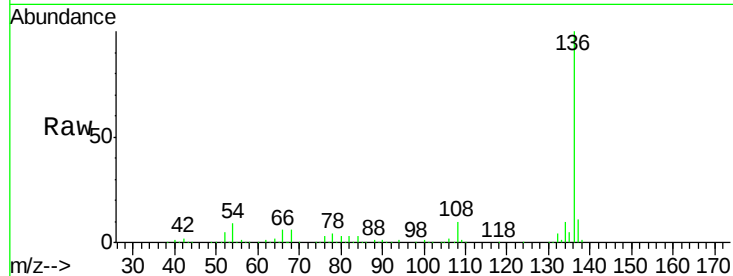
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.5 4.9 7.3#

68 5.6 4.1 6.1

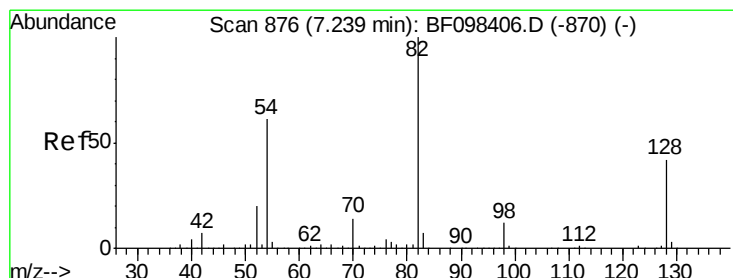
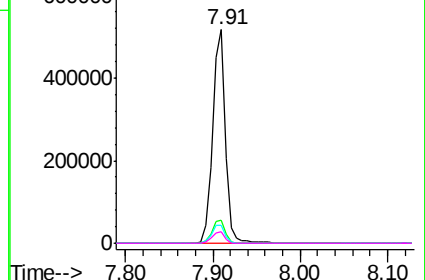
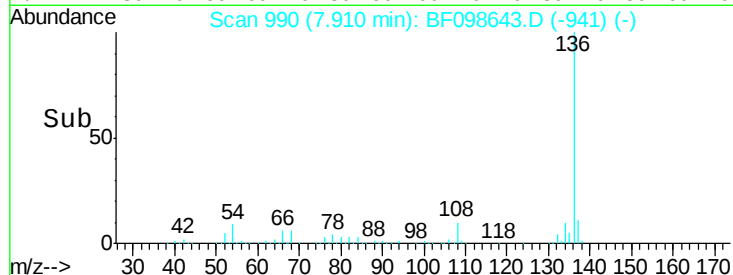


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 76.48 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

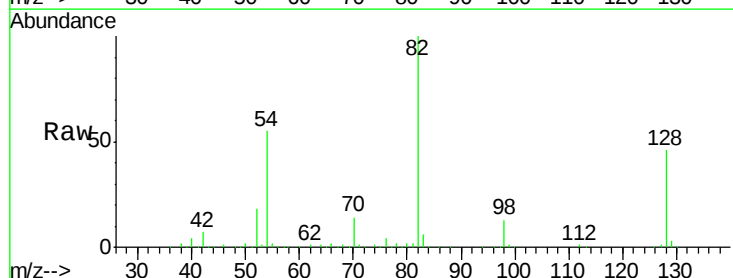
Tgt Ion: 82 Resp: 719620

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

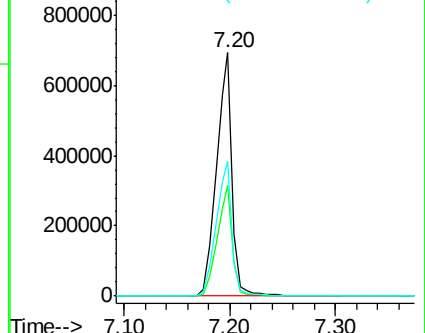
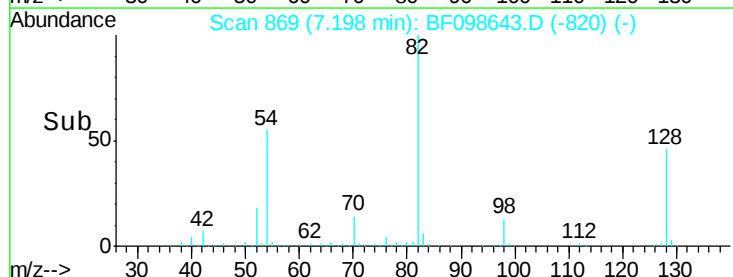
54 55.1 42.2 63.2

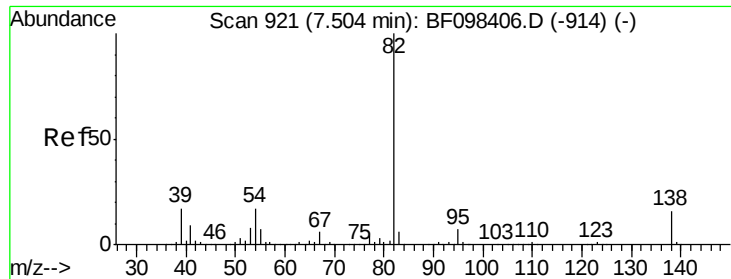


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.80 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.27 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Instrument :

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PB102430TB

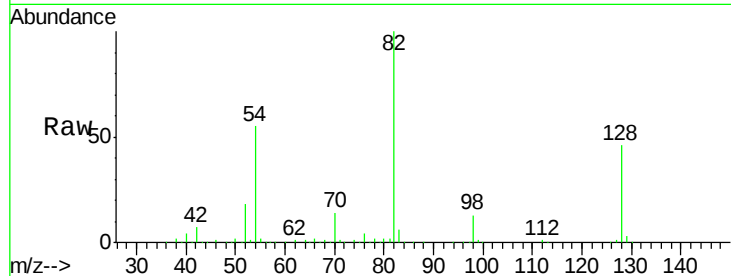
Tot Ion: 82 Resp: 719613

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

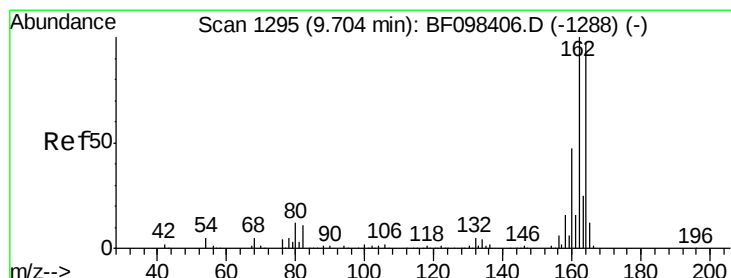
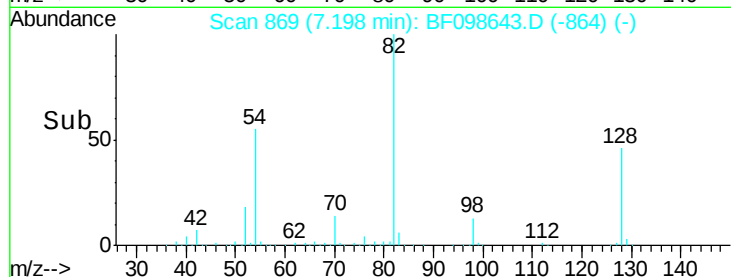
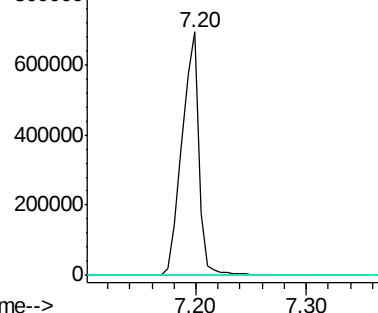
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

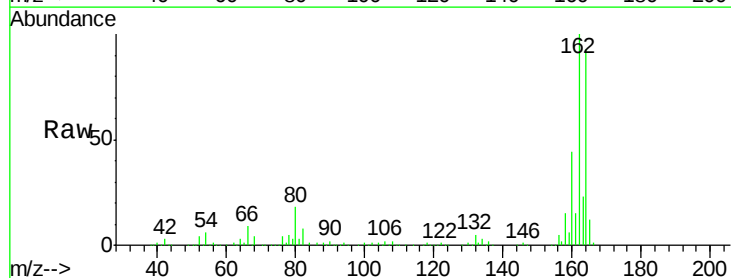
Tgt Ion: 164 Resp: 267624

Ion Ratio Lower Upper

164 100

162 107.0 82.6 123.8

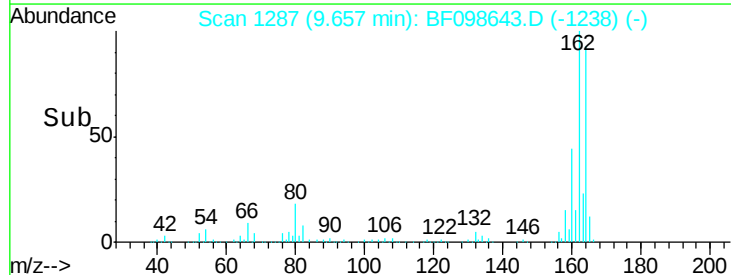
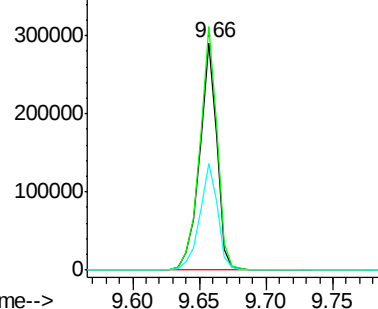
160 46.7 36.2 54.2

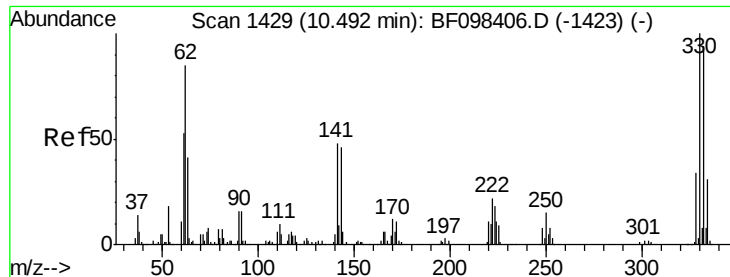


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

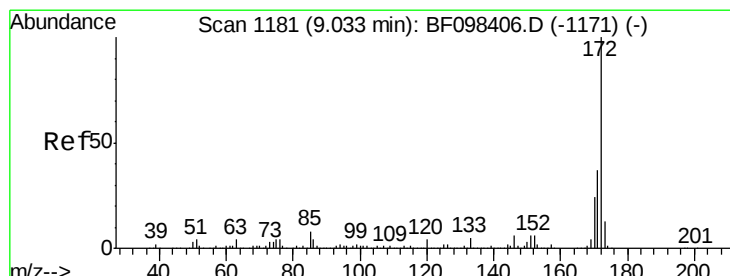
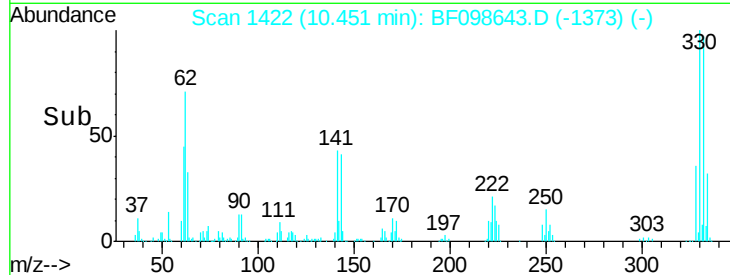
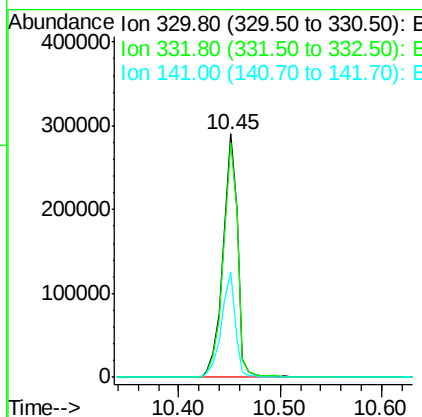
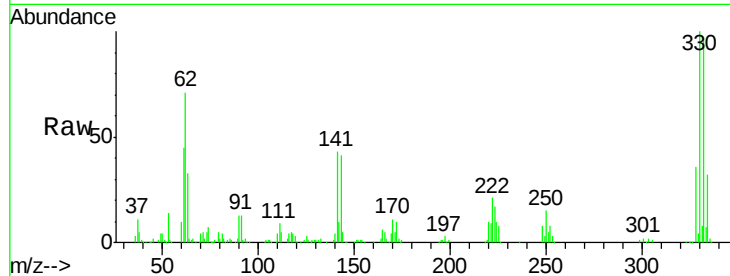




#41
 2,4,6-Tribromophenol
 Concen: 161.76 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

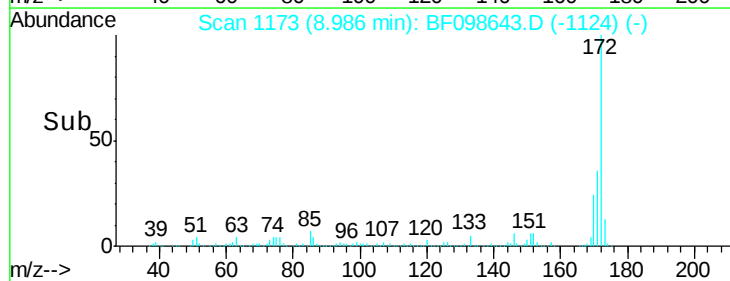
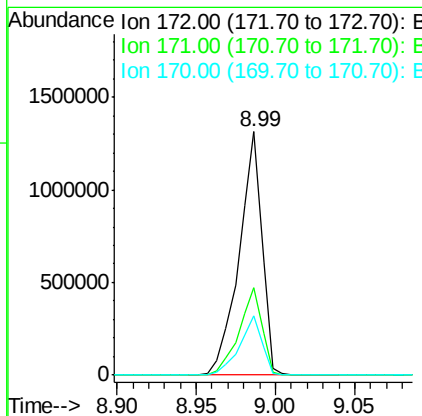
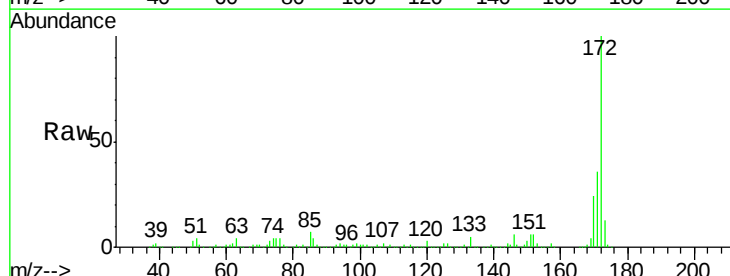
Instrument :
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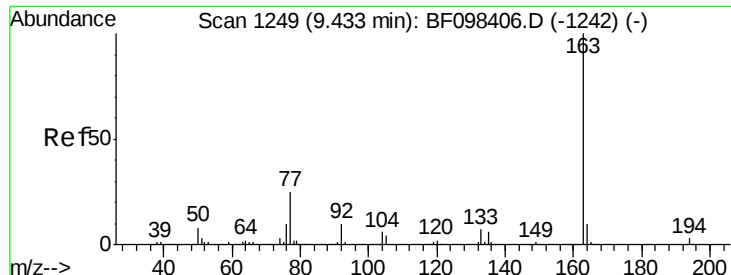
Tot Ion:	330	Resp:	288923
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.6	115.0
141	41.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Tgt Ion:	172	Resp:	1312233
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8

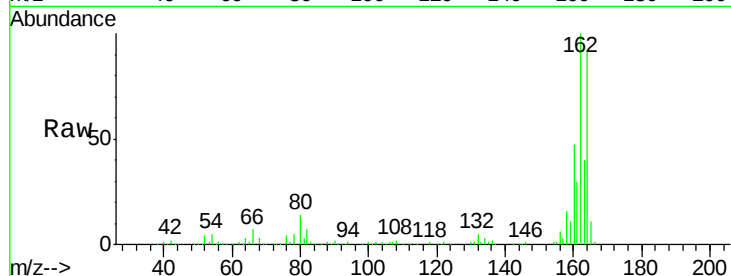




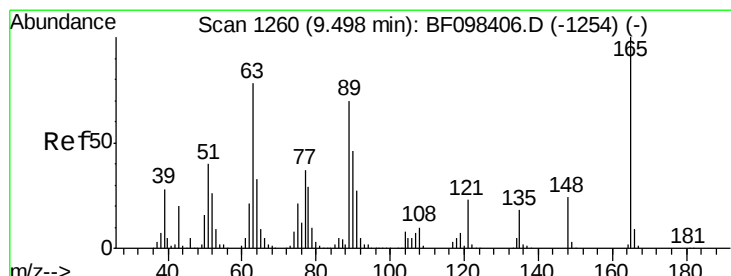
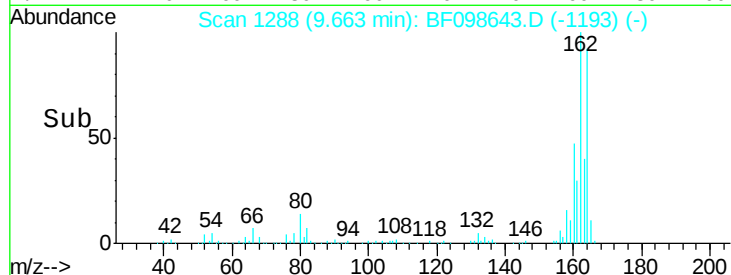
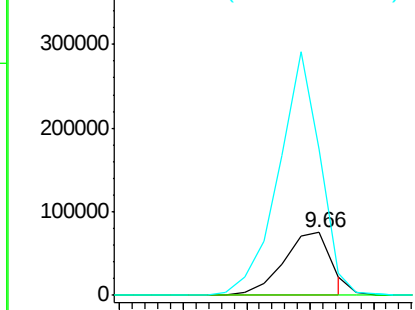
#49
Dimethylphthalate
Concen: 3.79 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.26 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB102430TB

Tot Ion:163 Resp: 78426
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 232.7 8.4 12.6#

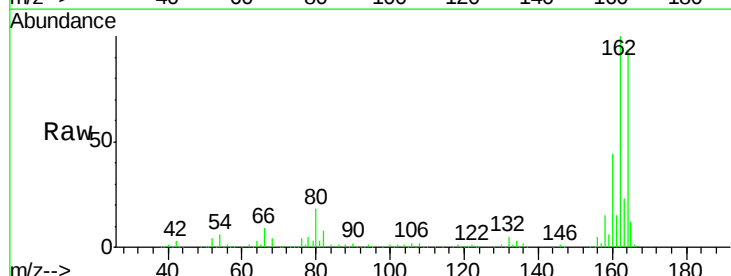


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

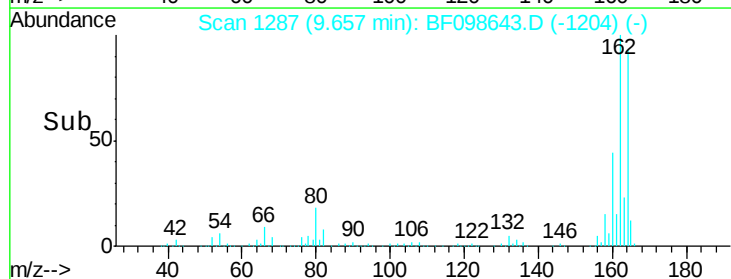
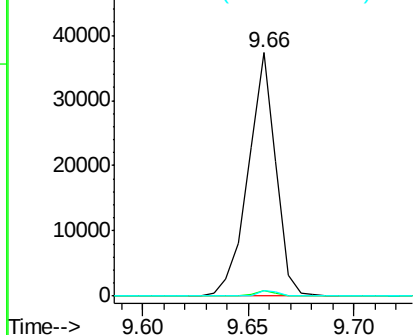


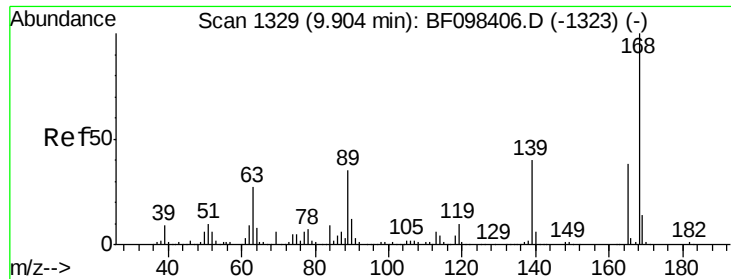
#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.19 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Tgt Ion:165 Resp: 33904
Ion Ratio Lower Upper
165 100
63 2.3 34.3 51.5#
89 2.1 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

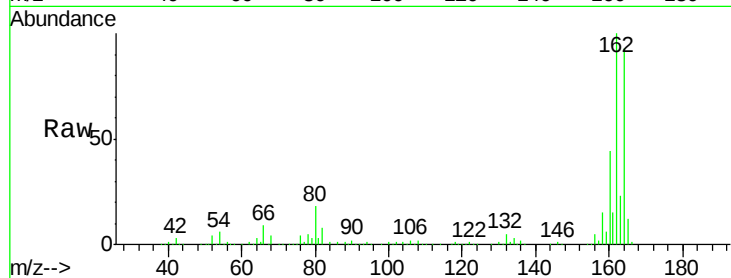




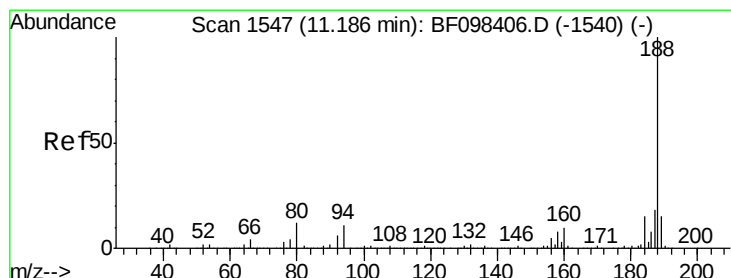
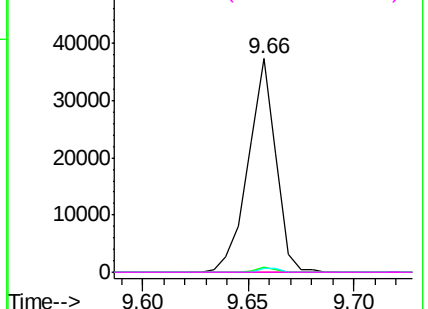
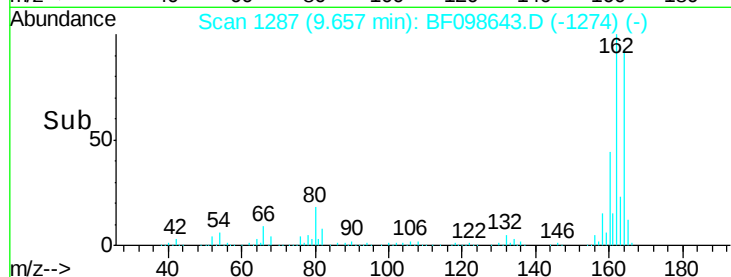
#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.22 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB102430TB

Tot Ion:165 Resp: 33904
 Ion Ratio Lower Upper
 165 100
 63 2.3 25.4 38.0#
 89 2.1 46.4 69.6#
 182 0.0 1.8 2.6#

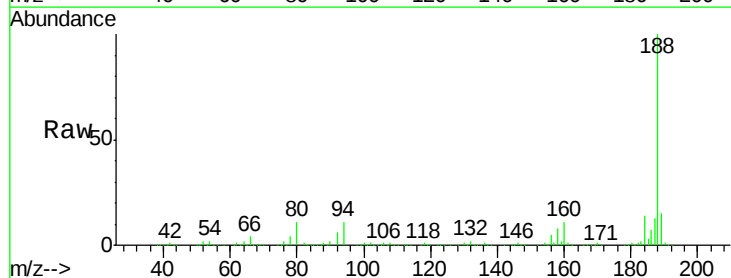


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

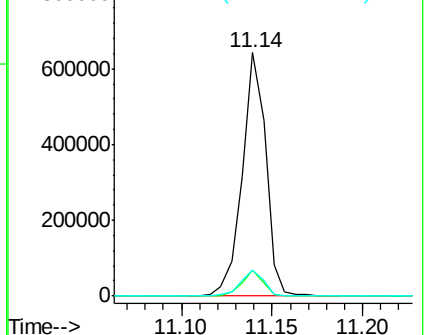
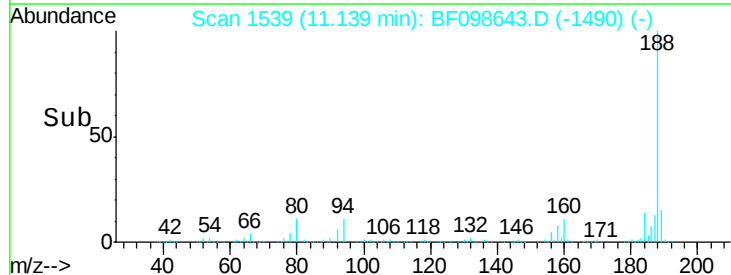


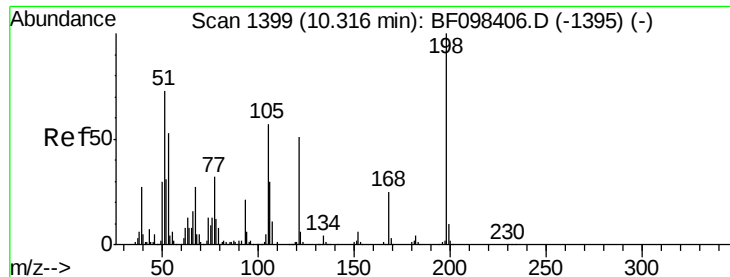
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Tgt Ion:188 Resp: 582310
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

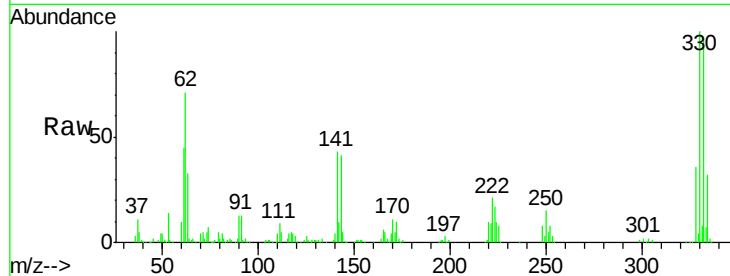




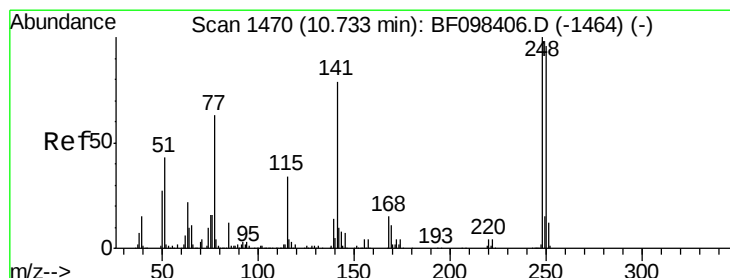
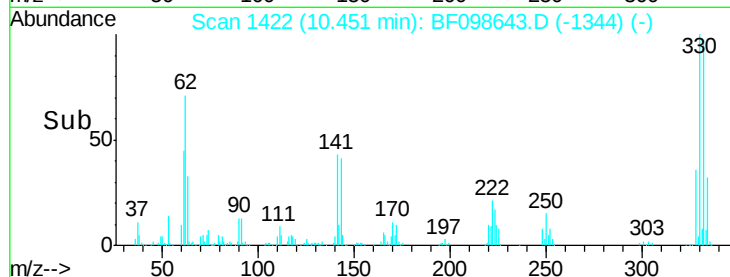
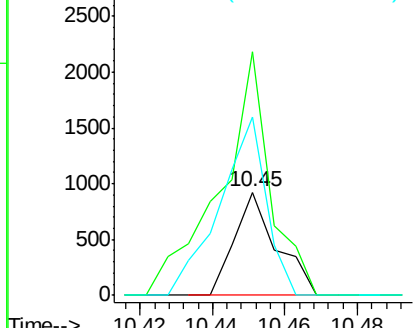
#64
4,6-Dinitro-2-methylphenol
Concen: 5.15 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.16 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB102430TB

Tot Ion:198 Resp: 749
Ion Ratio Lower Upper
198 100
51 236.6 53.2 93.2#
105 173.0 45.8 85.8#

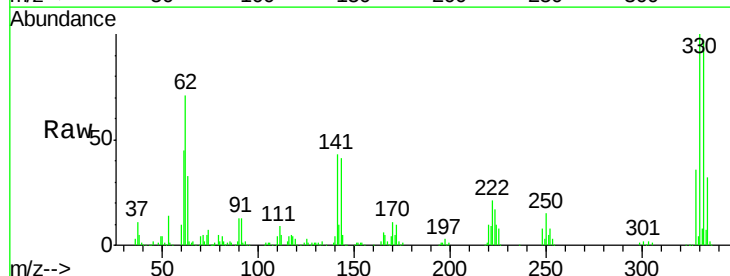


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

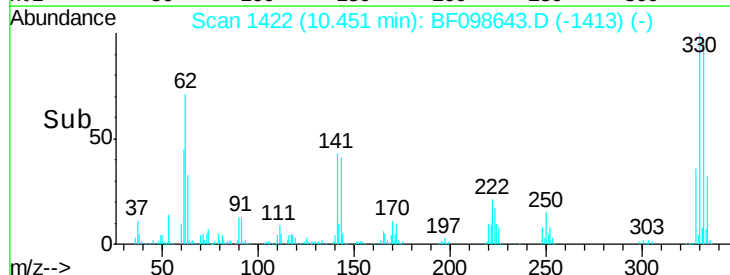
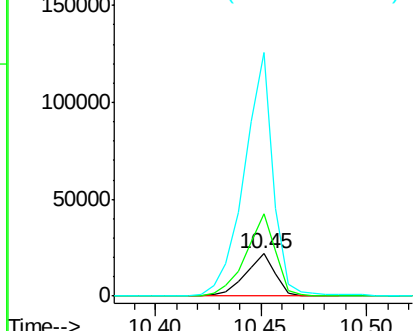


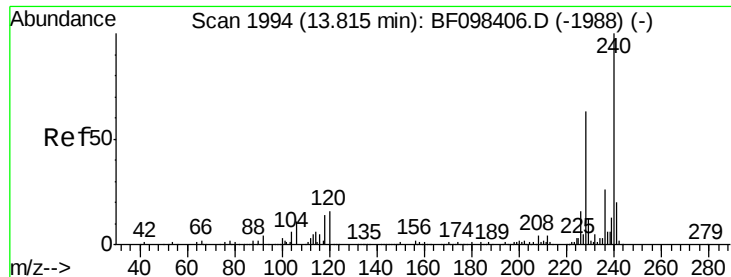
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.25 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Tgt Ion:248 Resp: 21661
Ion Ratio Lower Upper
248 100
250 195.3 76.8 115.2#
141 575.2 68.6 103.0#



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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB102430TB

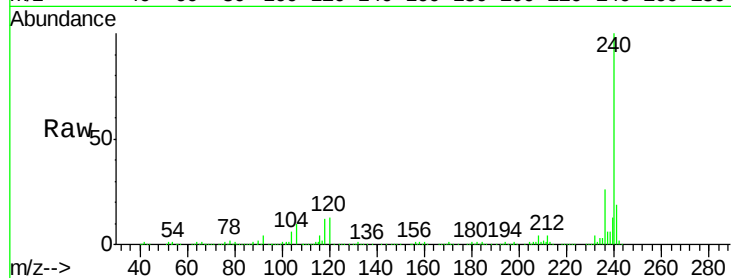
Tot Ion:240 Resp: 542209

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

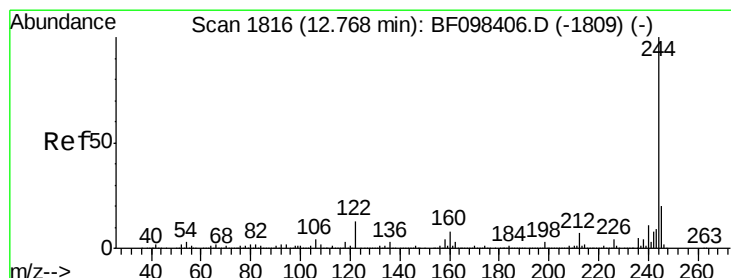
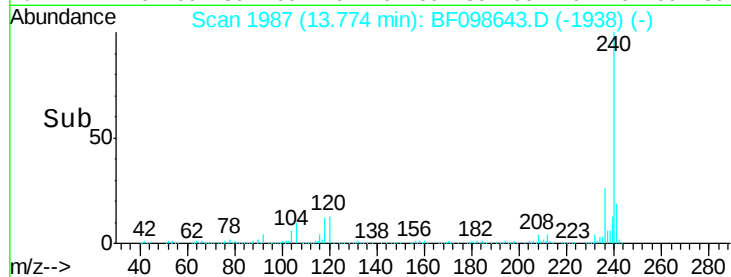
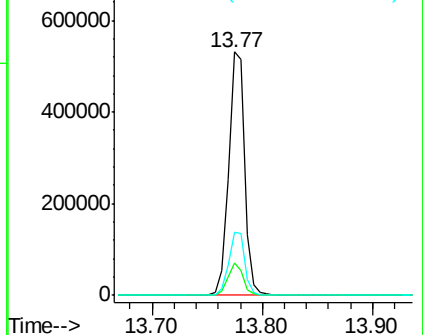
236 25.7 20.5 30.7



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: 60.82 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

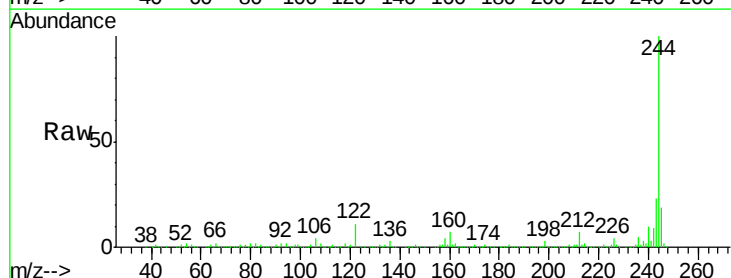
Tgt Ion:244 Resp: 1527903

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

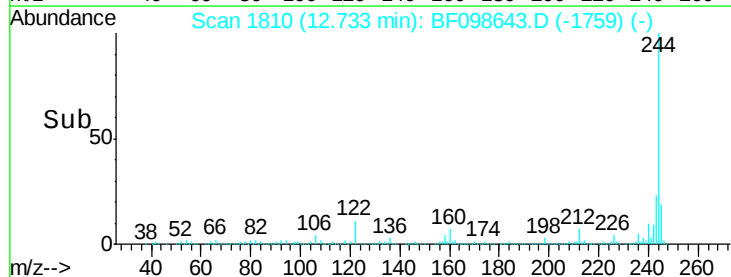
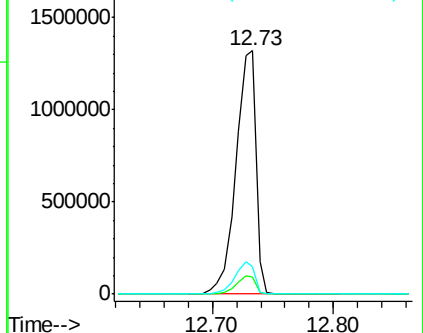
122 11.2 10.3 15.5

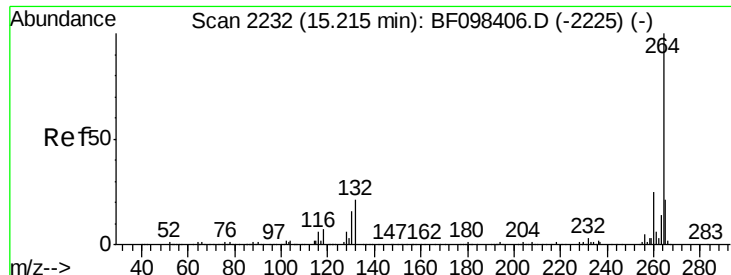


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB102430TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	17.2	25.8

