

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083186.D
 Acq On : 23 Nov 2015 4:31
 Operator : UM/IZ
 Sample : G4475-04
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H4

Quant Time: Nov 23 06:29:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

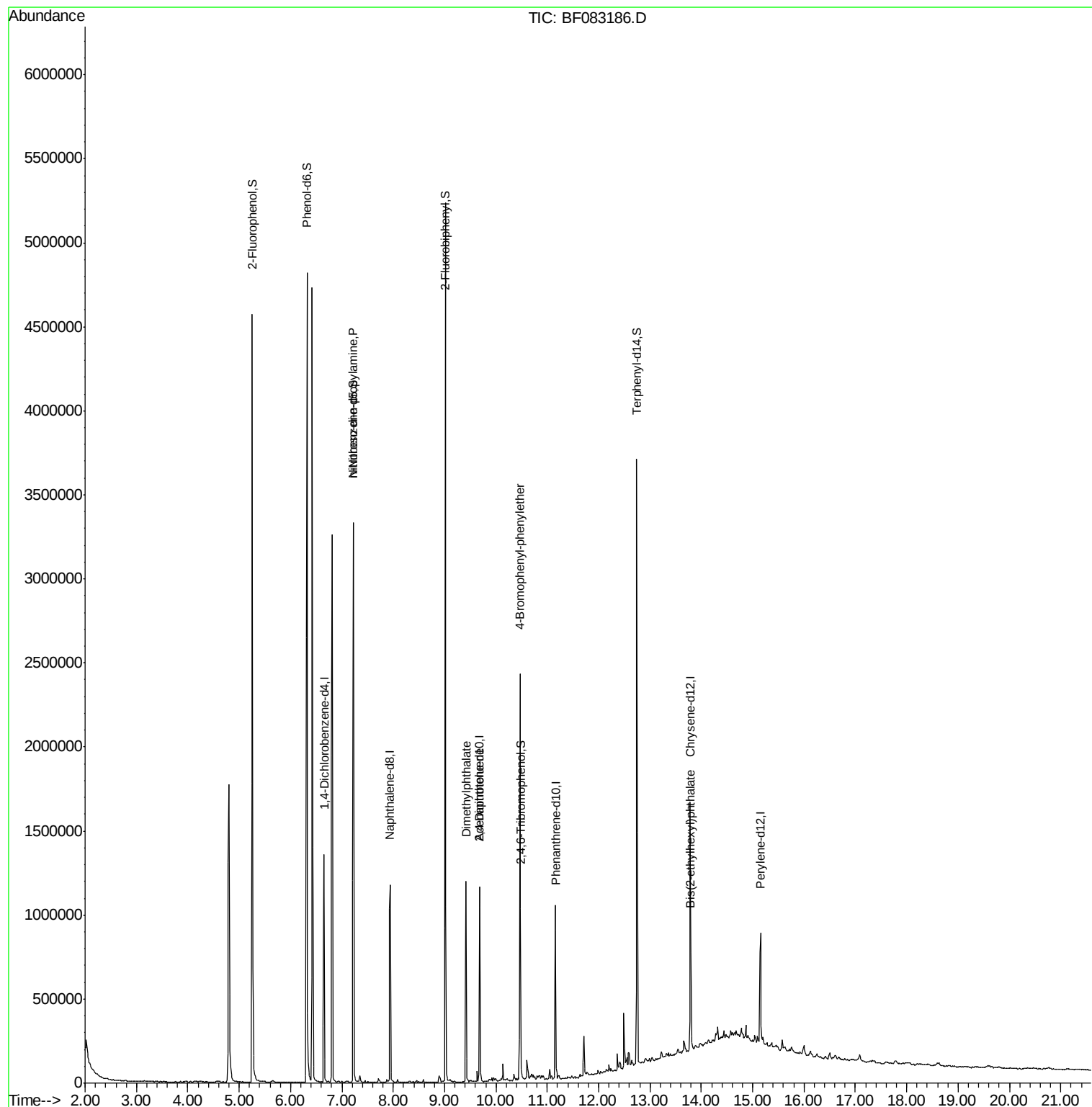
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	209664	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	758661	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	327150	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	538983	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	459815	20.00	ng	-0.02
86) Perylene-d12	15.15	264	348463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1396434	100.70	ng	-0.02
7) Phenol-d6	6.32	99	1957444	109.09	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1191000	71.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	304348	90.93	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1619671	69.04	ng	-0.01
78) Terphenyl-d14	12.74	244	1231982	63.09	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	3159	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	159572	12.78	ng	# 74
49) Dimethylphthalate	9.42	163	443514	17.61	ng	# 98
56) 2,4-Dinitrotoluene	9.68	165	42265	5.90	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	20170	3.37	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.79	149	74495	3.84	ng	# 94

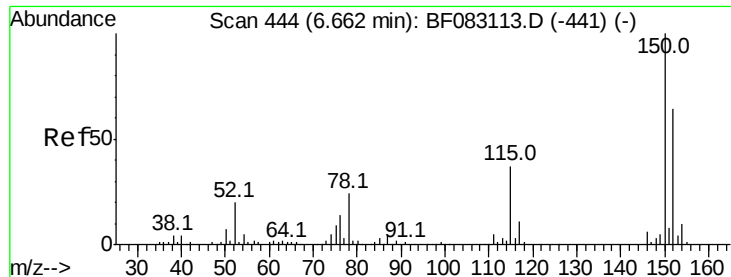
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



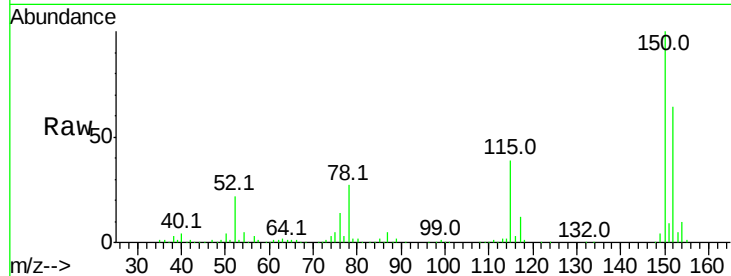


#1

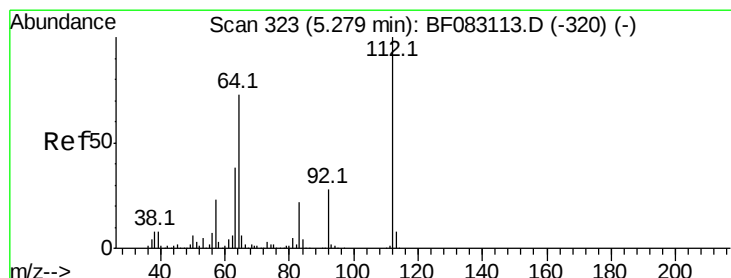
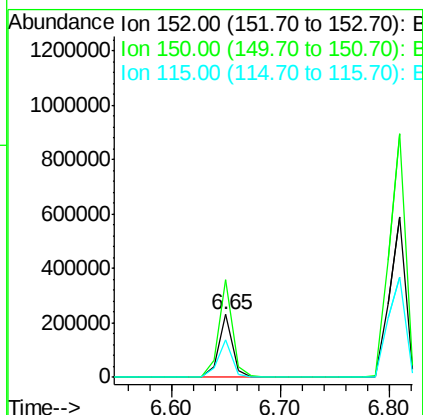
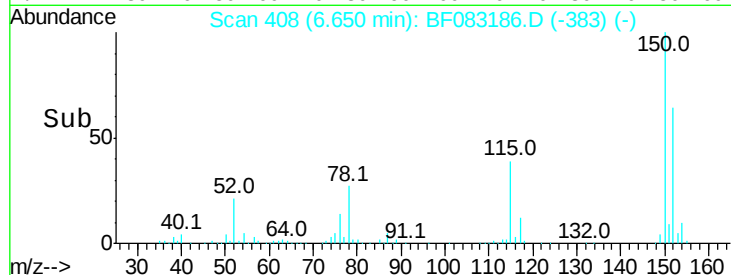
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Instrument :
BNA_F
ClientSampleId :
H4

Tot Ion:152 Resp: 209664
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.8
115 60.1 46.9 70.3



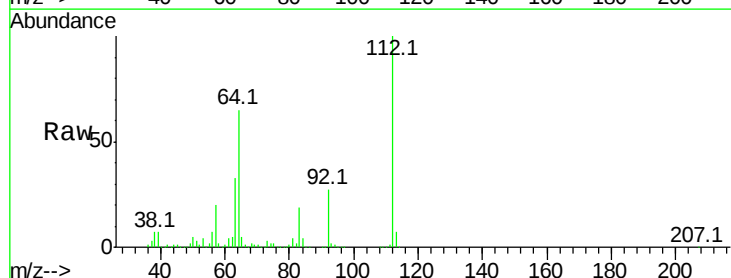
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



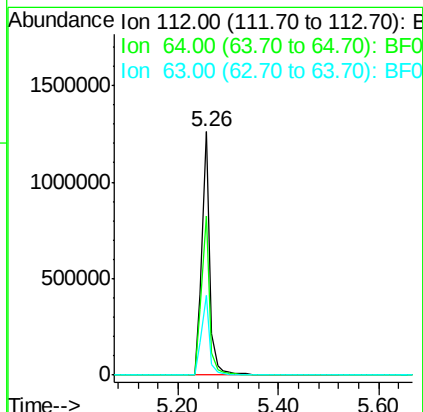
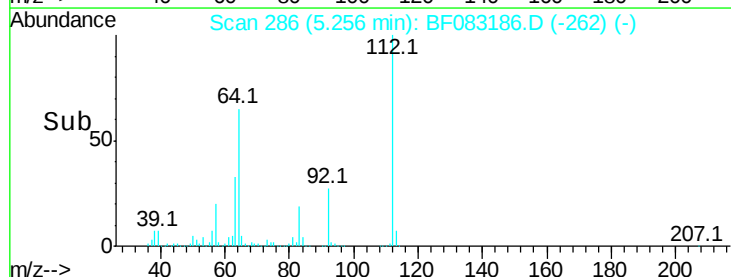
#5

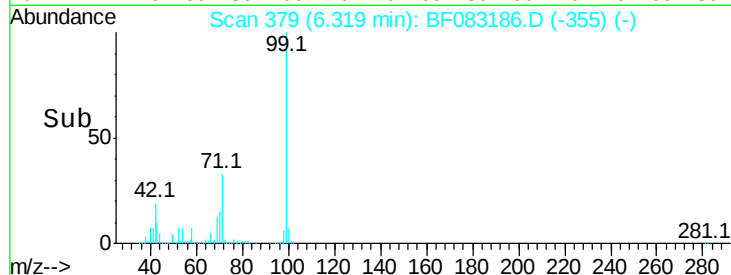
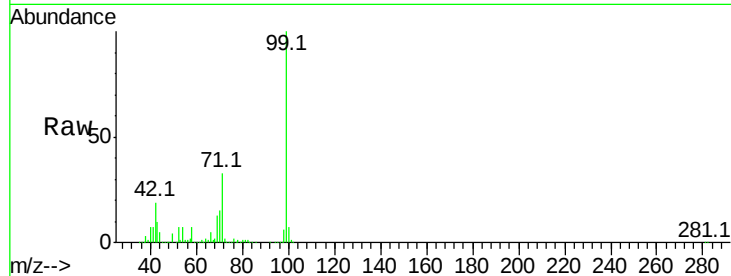
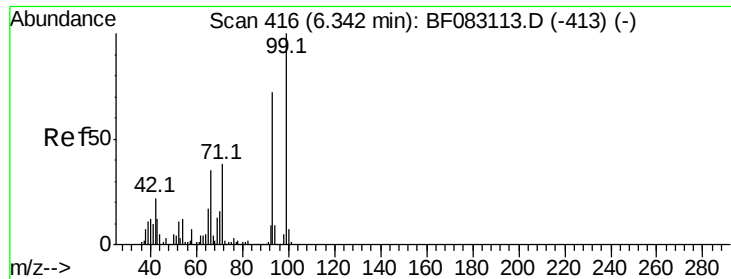
2-Fluorophenol
Concen: 100.70 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Tgt Ion:112 Resp: 1396434
Ion Ratio Lower Upper
112 100
64 65.3 58.4 87.6
63 32.9 30.0 45.0



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: 109.09 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

H4

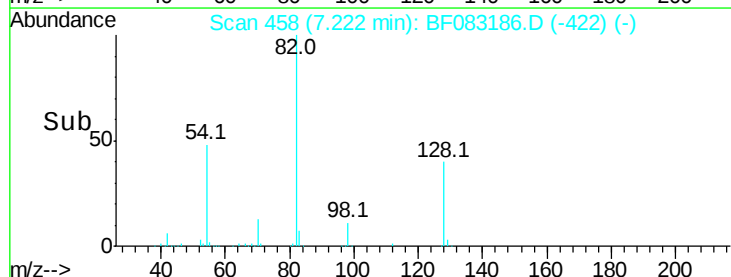
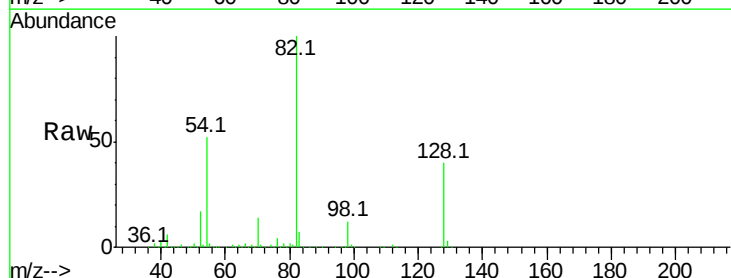
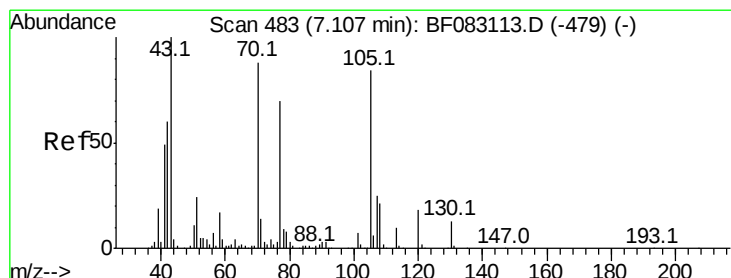
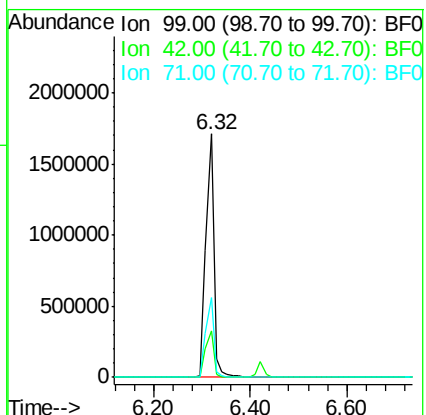
Tot Ion: 99 Resp: 1957444

Ion Ratio Lower Upper

99 100

42 19.2 17.7 26.5

71 33.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.78 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Tgt Ion: 70 Resp: 159572

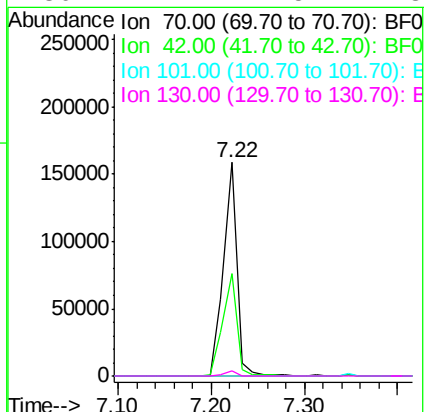
Ion Ratio Lower Upper

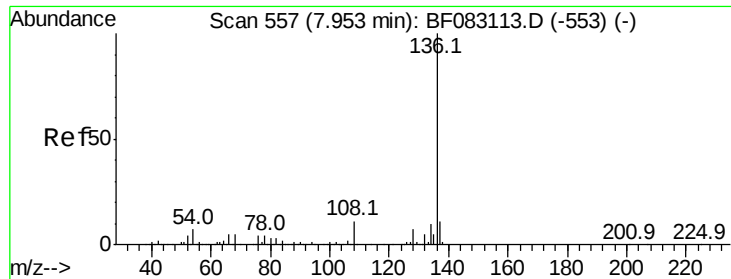
70 100

42 47.7 54.5 81.7#

101 0.0 6.6 9.8#

130 2.2 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

H4

Tot Ion:136 Resp: 758661

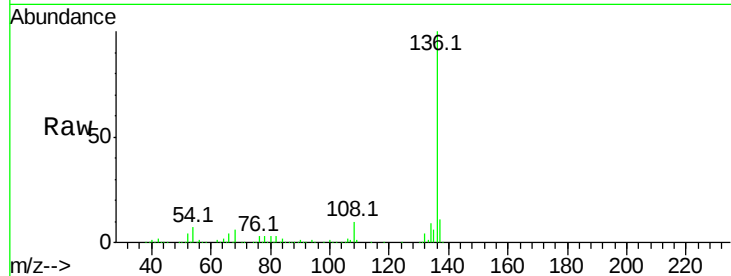
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.3 5.8 8.6

68 5.6 3.8 5.8

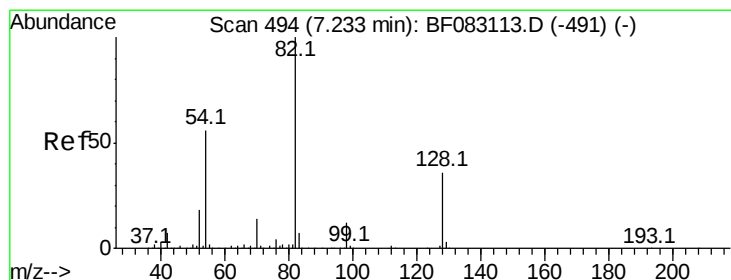
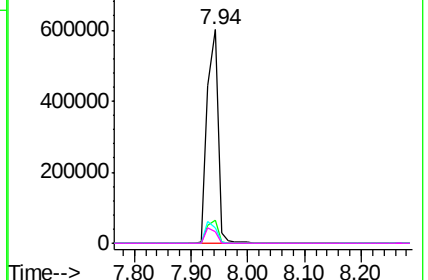
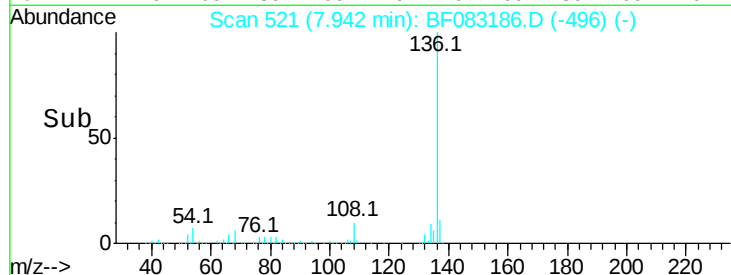


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.73 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

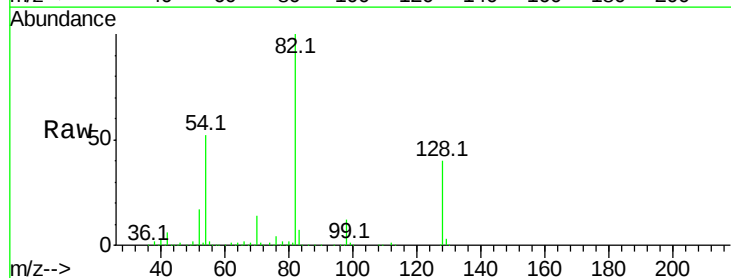
Tgt Ion: 82 Resp: 1191000

Ion Ratio Lower Upper

82 100

128 39.8 28.5 42.7

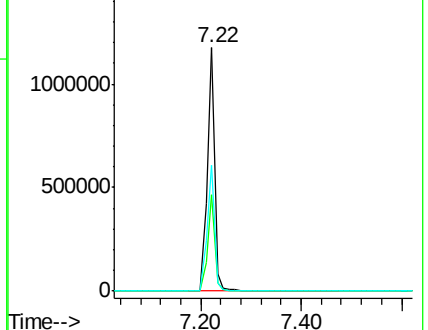
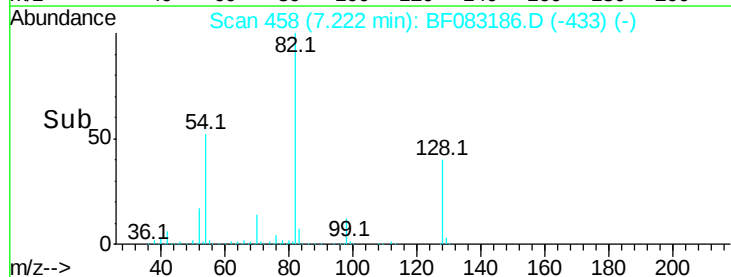
54 51.6 44.6 67.0

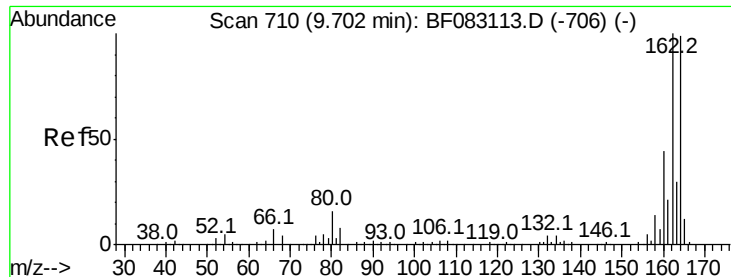


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

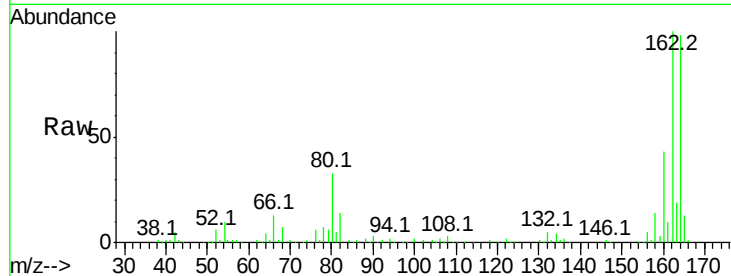




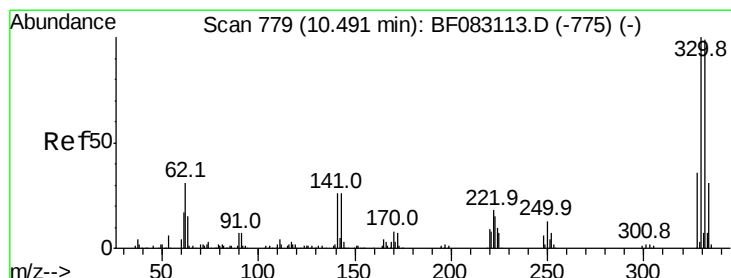
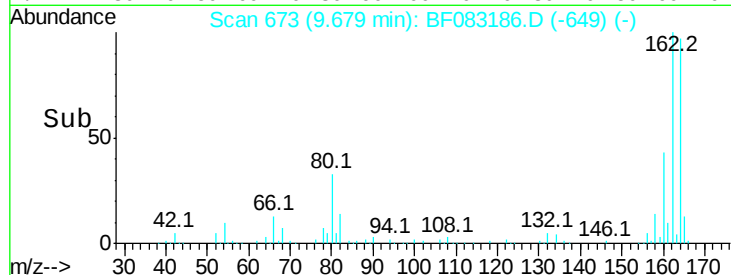
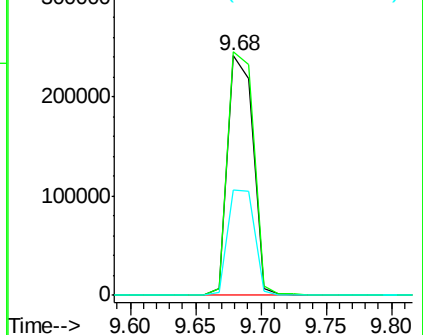
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Instrument :
BNA_F
ClientSampleId :
H4

Tot Ion:164 Resp: 327150
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 44.2 35.6 53.4

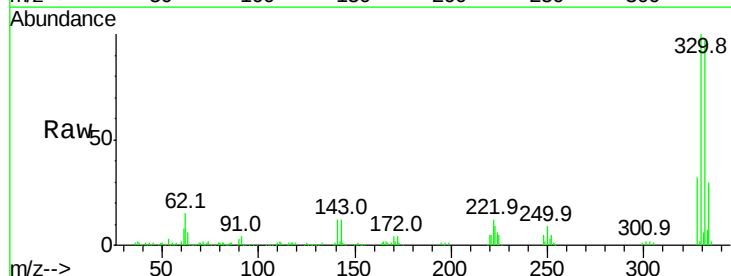


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

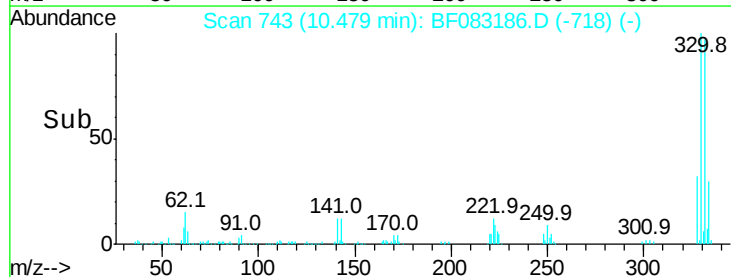
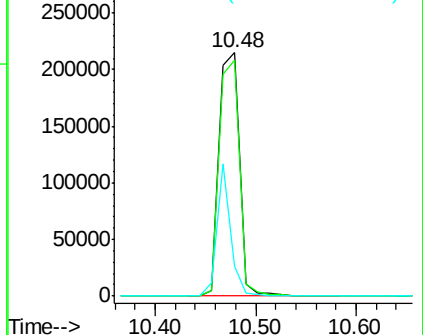


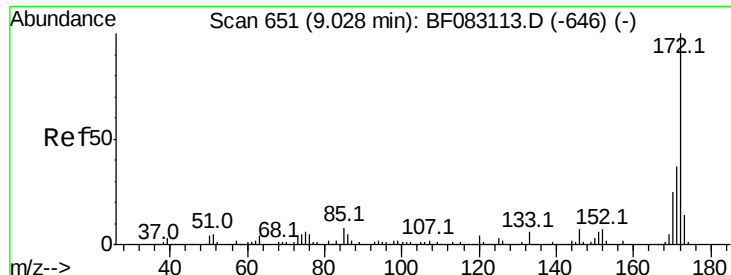
#41
2,4,6-Tribromophenol
Concen: 90.93 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Tgt Ion:330 Resp: 304348
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 36.1 29.7 44.5



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



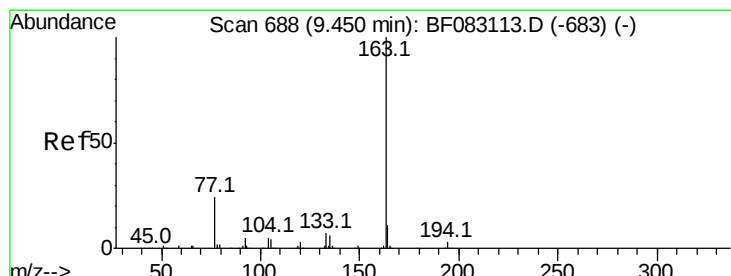
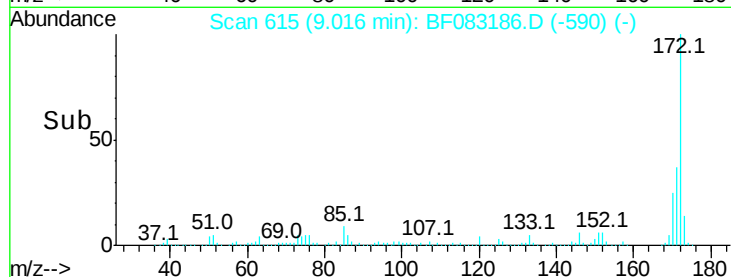
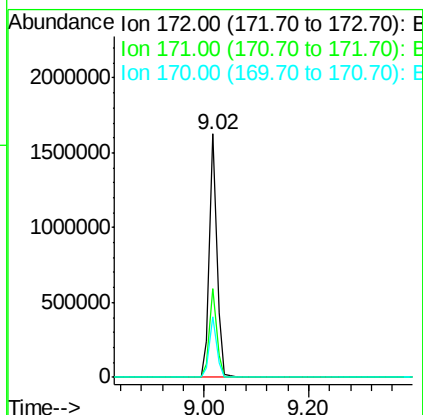
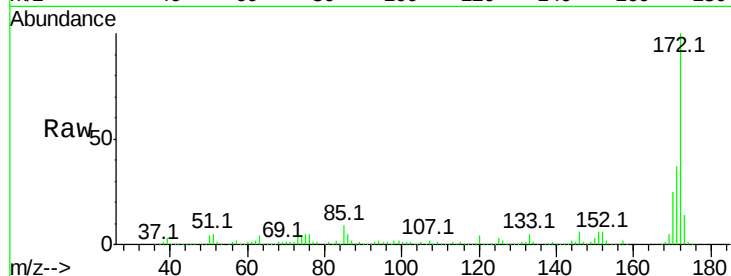


#44
 2-Fluorobiphenyl
 Concen: 69.04 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 H4

Tot Ion:172 Resp: 1619671

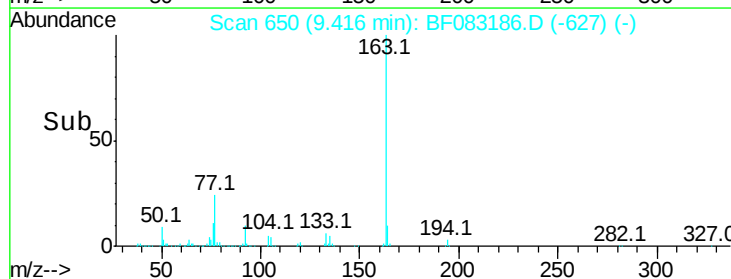
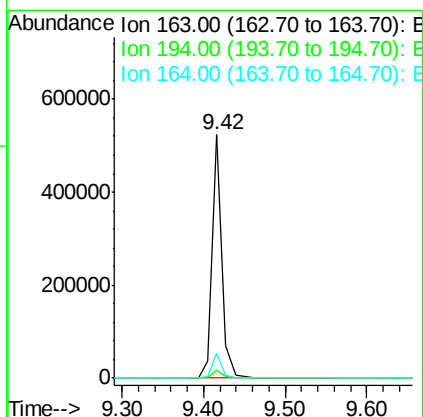
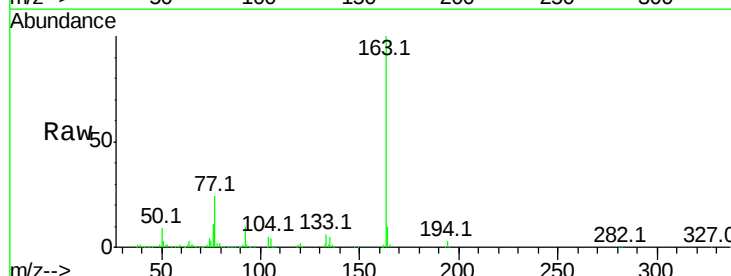
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.9	19.9	29.9

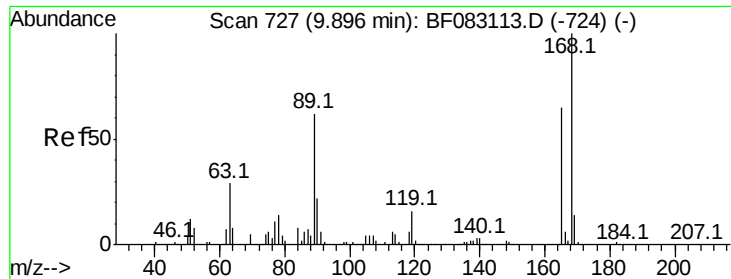


#49
 Dimethylphthalate
 Concen: 17.61 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Tgt Ion:163 Resp: 443514

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.6	12.8

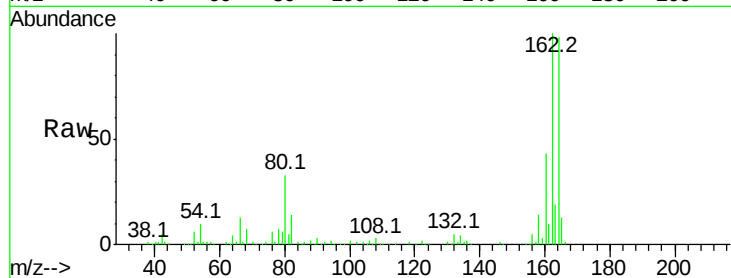




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 H4

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	54.5	81.7#
89	1.5	77.3	115.9#
182	0.0	1.8	2.6#

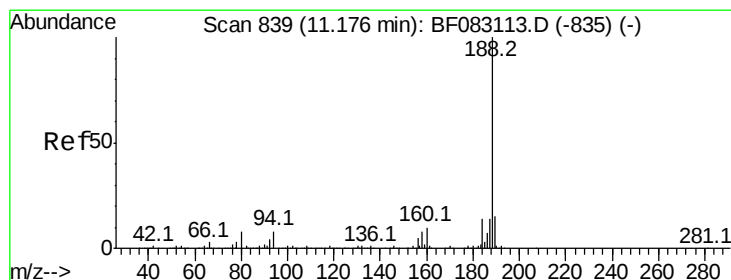
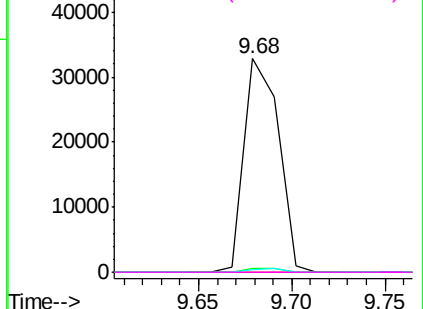
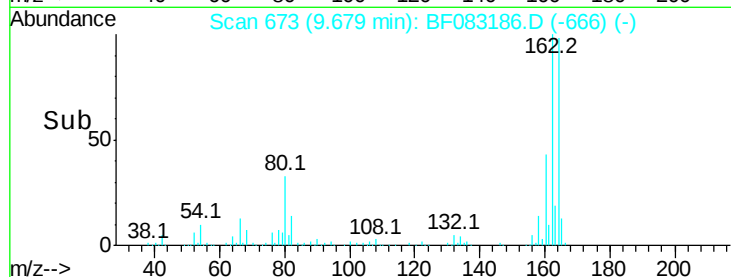


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

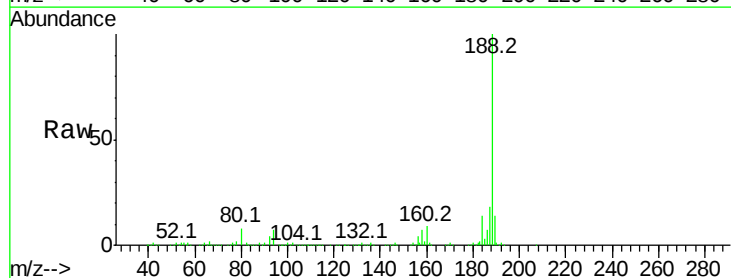
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

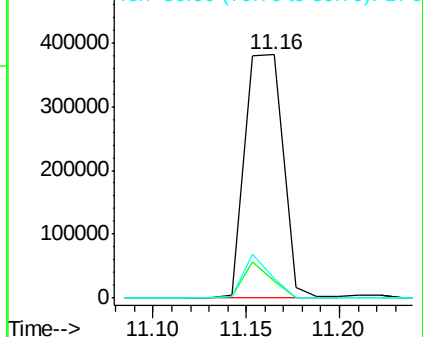
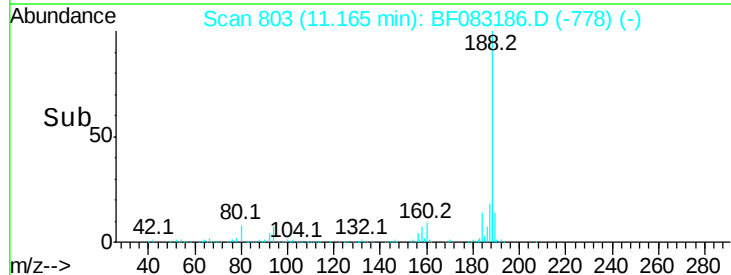
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.0	9.0
80	7.8	6.7	10.1

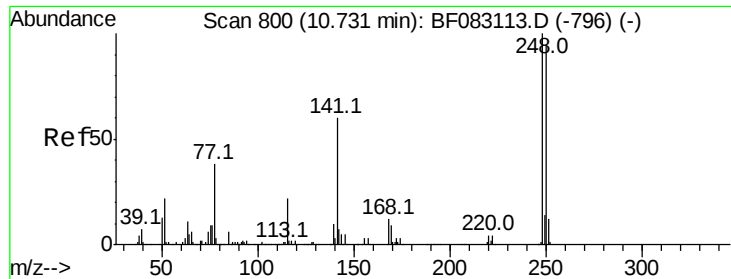


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.37 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

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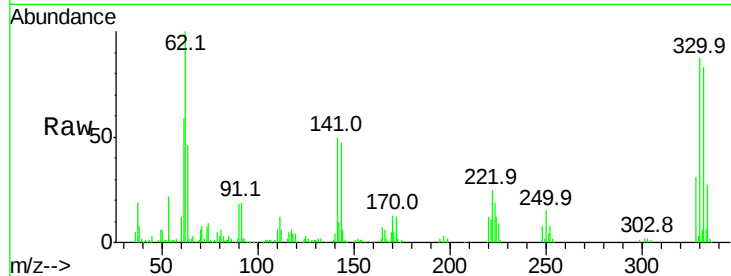
Tot Ion:248 Resp: 20170

Ion Ratio Lower Upper

248 100

250 198.7 75.4 113.2#

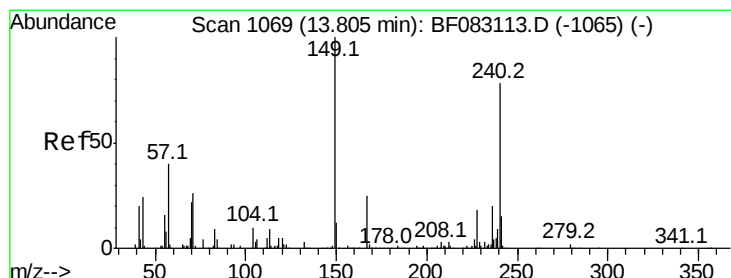
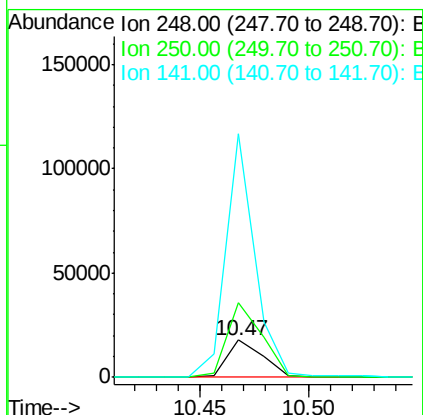
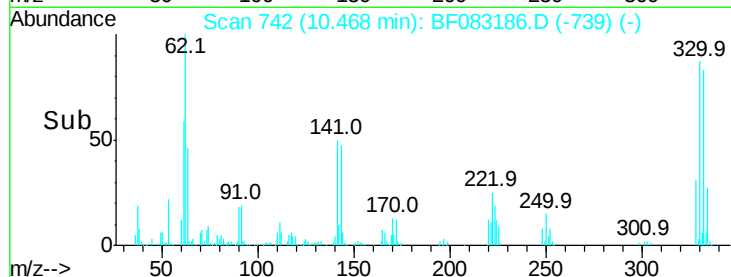
141 651.8 48.1 72.1#



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

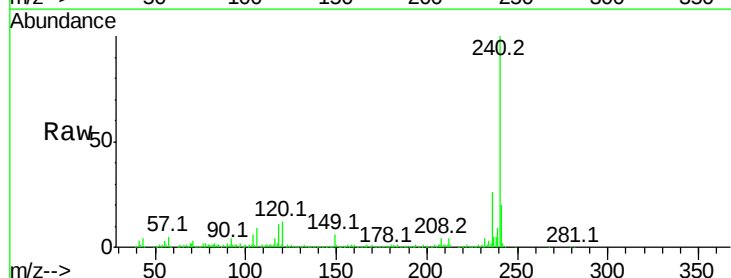
Tgt Ion:240 Resp: 459815

Ion Ratio Lower Upper

240 100

120 12.1 5.4 8.2#

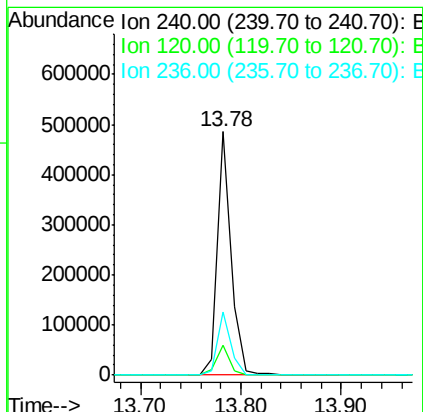
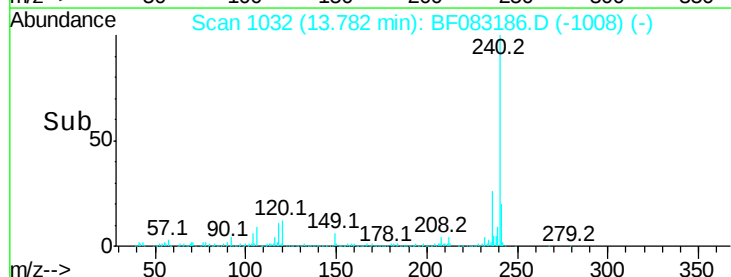
236 25.9 20.6 31.0

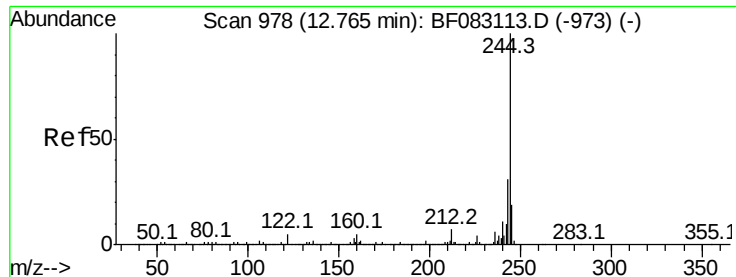


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.09 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

H4

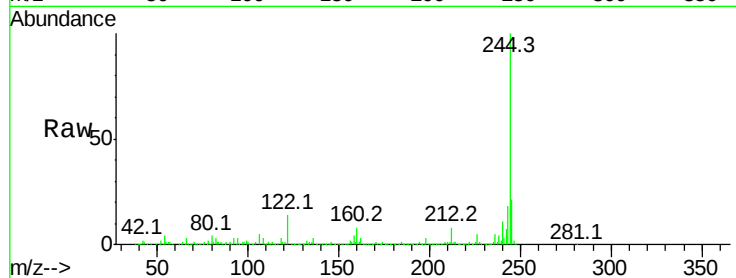
Tot Ion:244 Resp: 1231982

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

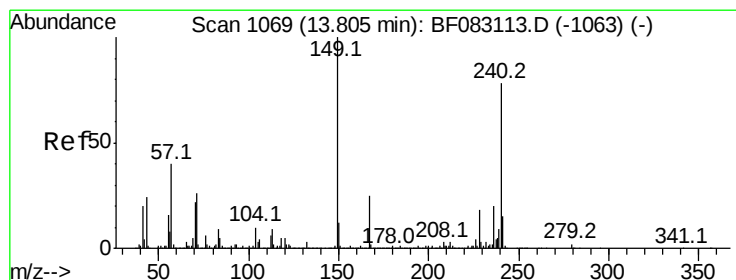
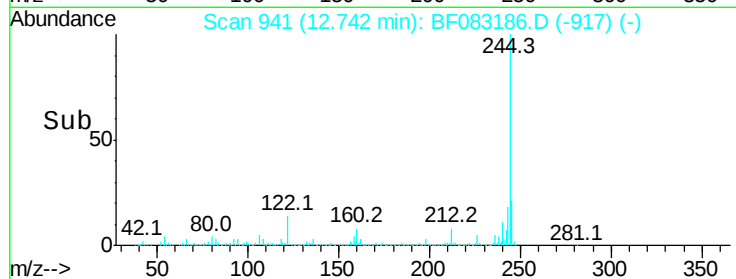
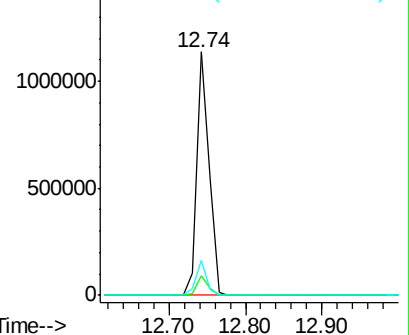
122 14.1 4.3 6.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.84 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

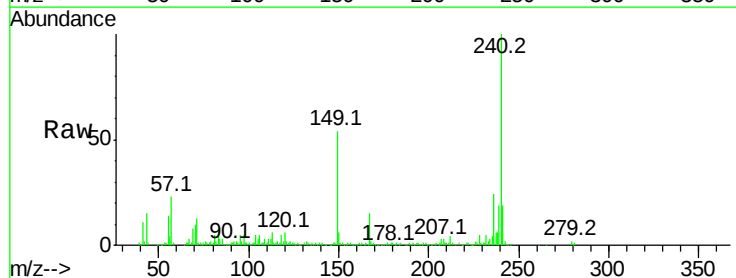
Tgt Ion:149 Resp: 74495

Ion Ratio Lower Upper

149 100

167 28.4 20.1 30.1

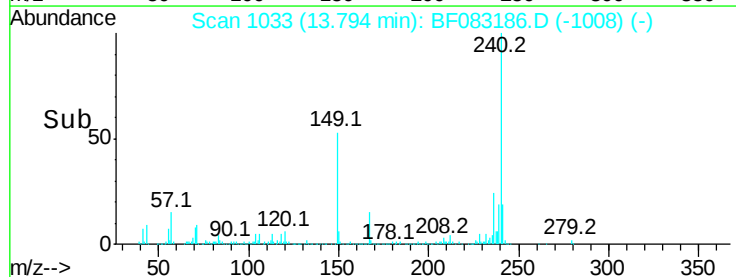
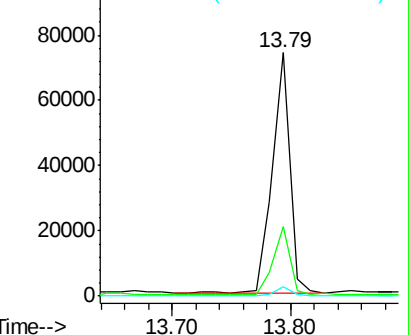
279 3.9 1.7 2.5#

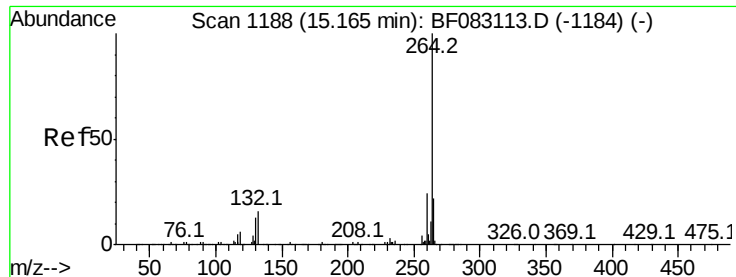


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

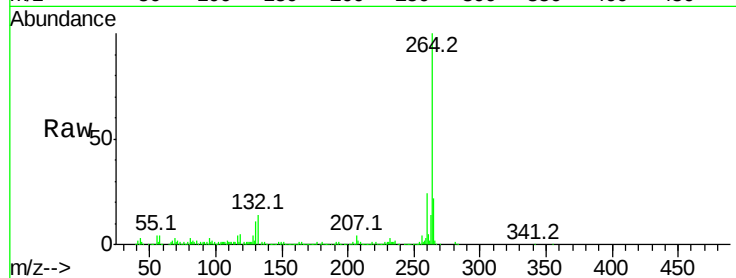




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Instrument :
BNA_F
ClientSampleId :
H4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	18.2	27.4



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

