

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084517.D
 Acq On : 16 Jan 2016 3:57
 Operator : SJ/UM
 Sample : H1144-03 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 04:22:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 03:20:07 2016
 Response via : Initial Calibration

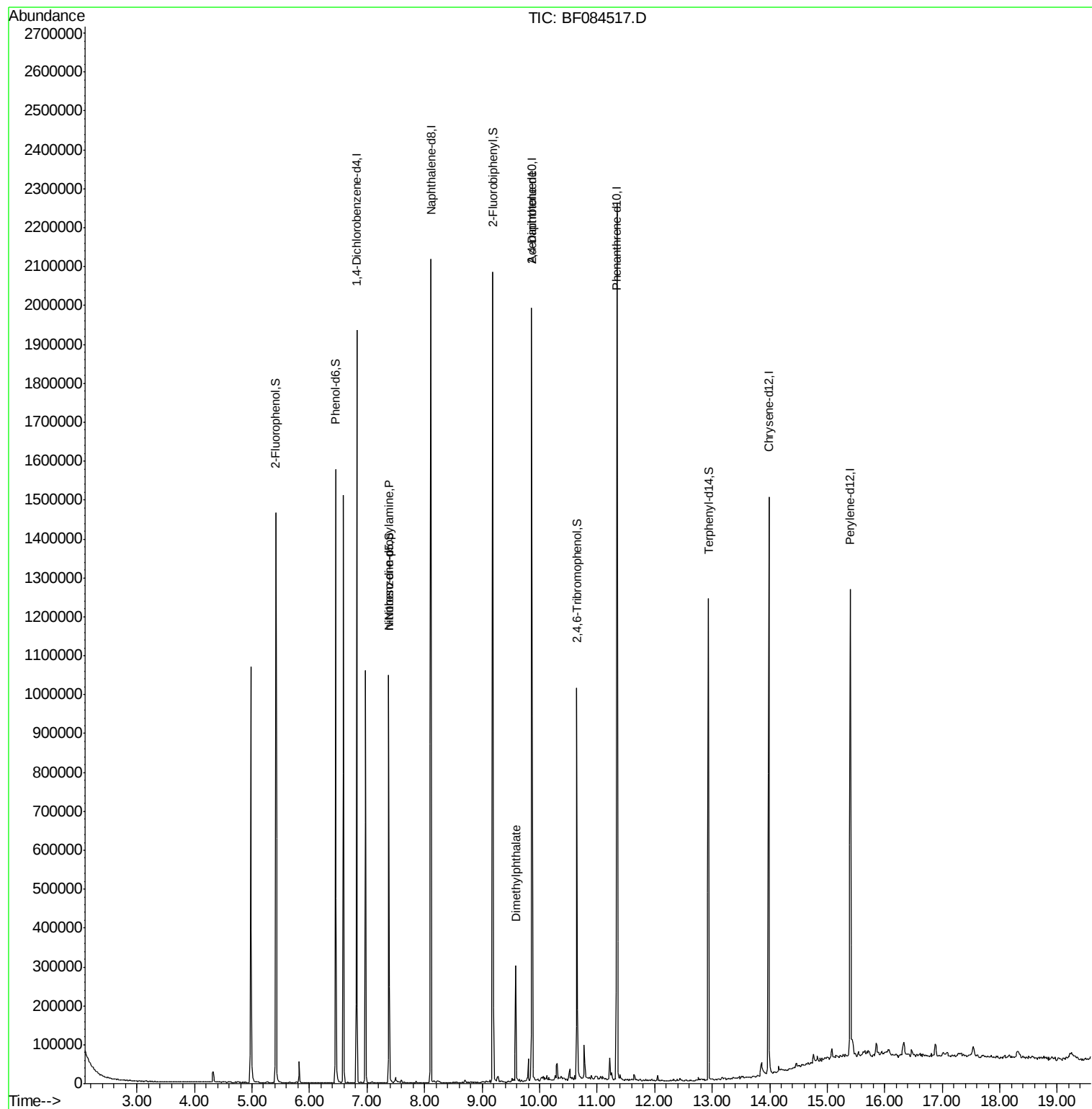
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258848	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1053237	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	448087	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	763647	20.00	ng	0.00
75) Chrysene-d12	13.99	240	604029	20.00	ng	0.00
86) Perylene-d12	15.40	264	538620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	432630	27.03	ng	-0.01
7) Phenol-d6	6.45	99	535066	26.62	ng	-0.02
23) Nitrobenzene-d5	7.38	82	322341	17.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	114775	25.37	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	595854	18.44	ng	-0.01
78) Terphenyl-d14	12.93	244	416198	15.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	41997	3.09	ng	# 71
49) Dimethylphthalate	9.58	163	126646	3.95	ng	# 91
54) Dibenzofuran	10.06	168	252	Below Cal	#	12
56) 2,4-Dinitrotoluene	9.86	165	57271	6.44	ng	# 21
57) Fluorene	10.41	166	401	Below Cal	#	87
73) Di-n-butylphthalate	11.92	149	824	Below Cal	#	79

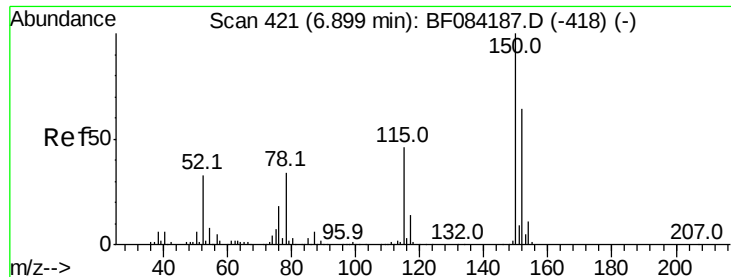
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Jan 16 04:22:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 03:20:07 2016
Response via : Initial Calibration



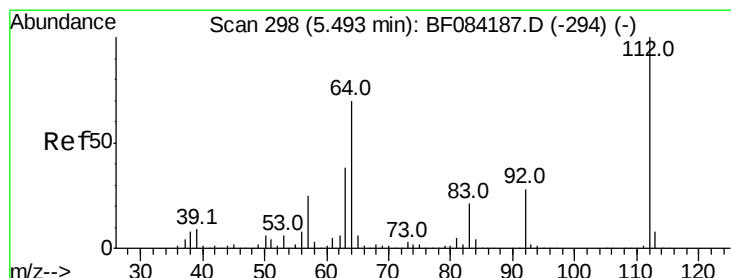
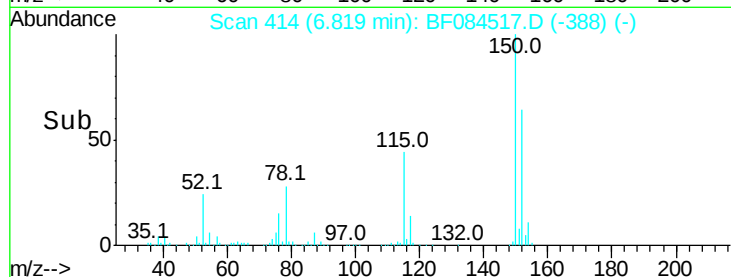
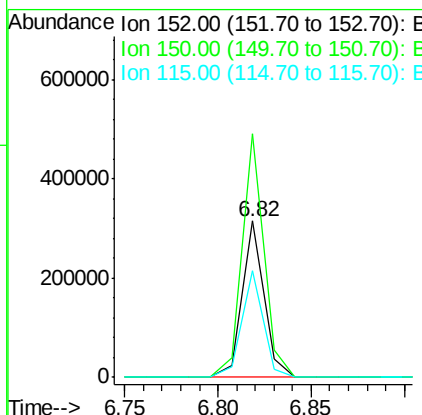
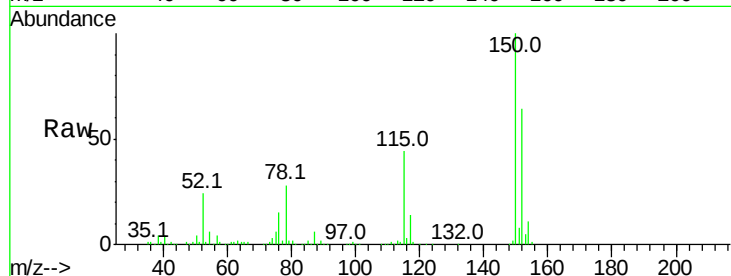


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Instrument :
BNA_F
ClientSampleId :

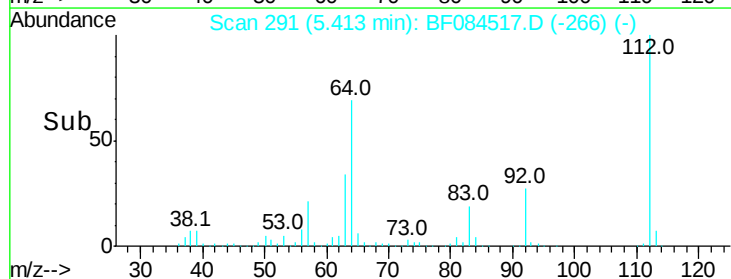
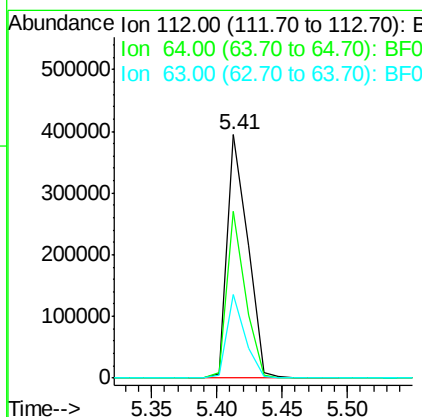
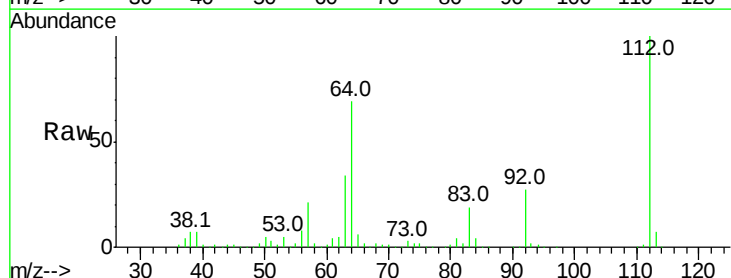
Tot Ion:152 Resp: 258848
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 68.4 51.4 77.2

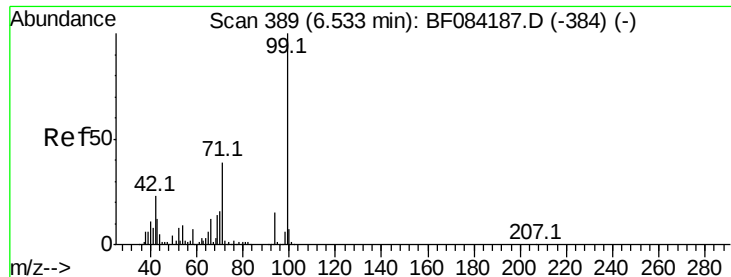


#5

2-Fluorophenol
Concen: 27.03 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Tgt Ion:112 Resp: 432630
Ion Ratio Lower Upper
112 100
64 68.6 36.6 55.0#
63 34.2 19.4 29.0#





#7

Phenol-d6

Concen: 26.62 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

Instrument :

BNA_F

ClientSampleId :

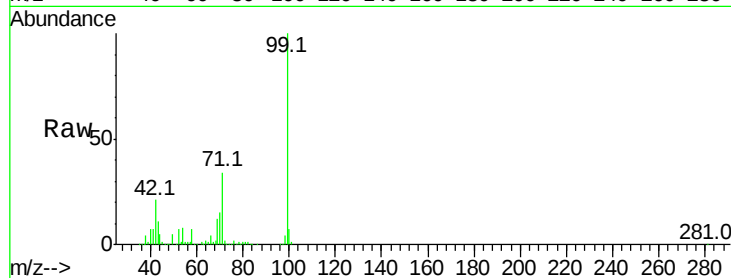
Tot Ion: 99 Resp: 535066

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

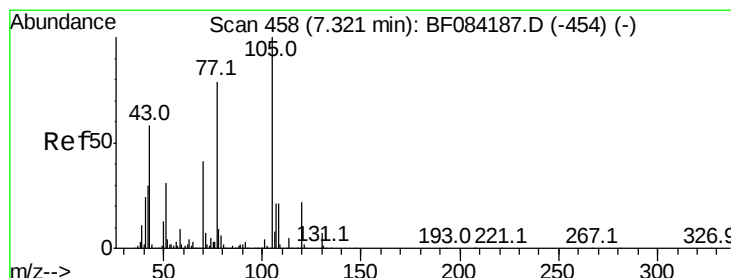
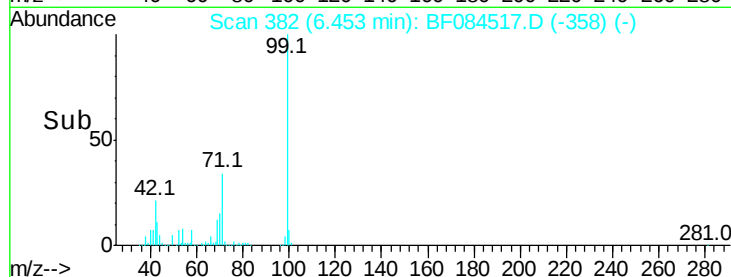
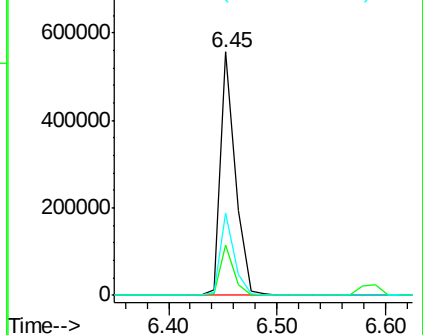
71 34.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 3.09 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

Tgt Ion: 70 Resp: 41997

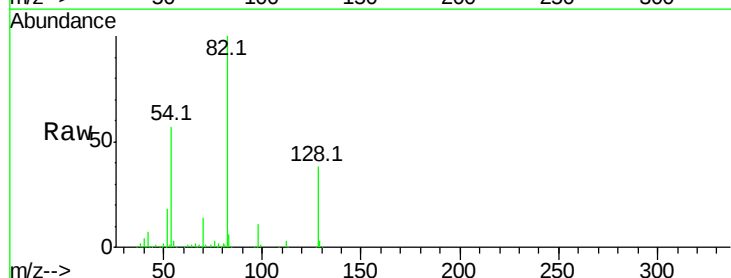
Ion Ratio Lower Upper

70 100

42 49.5 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

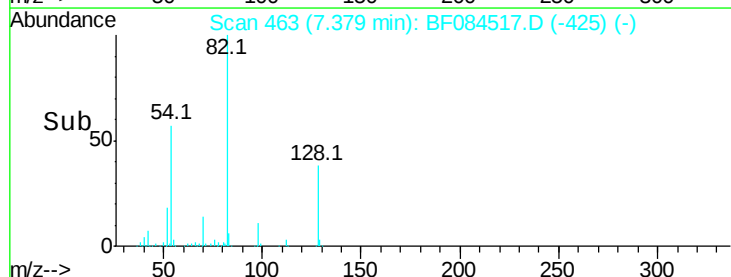
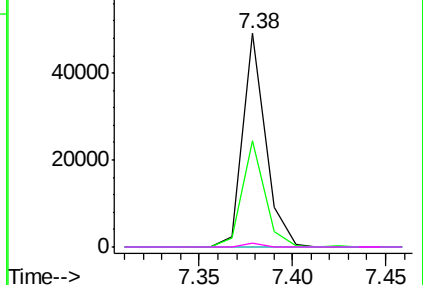


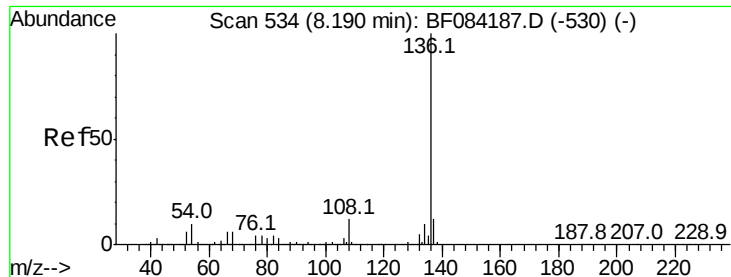
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1053237

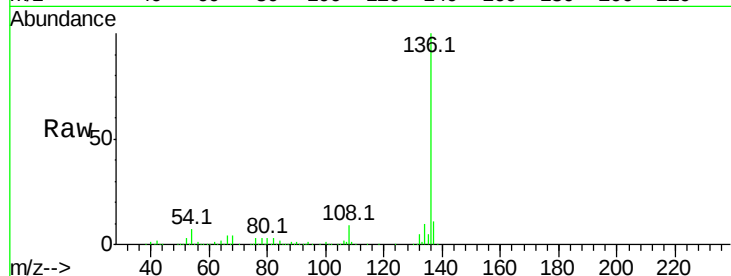
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.8 5.8 8.8

68 4.5 4.2 6.2

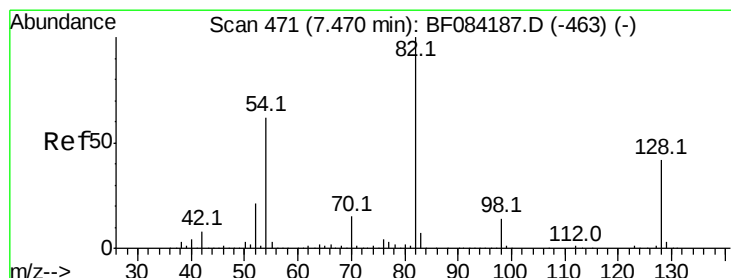
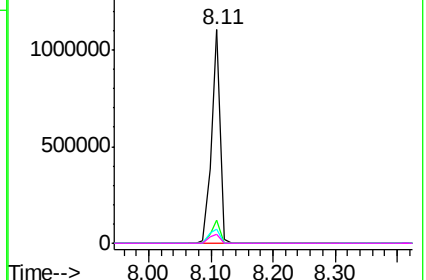
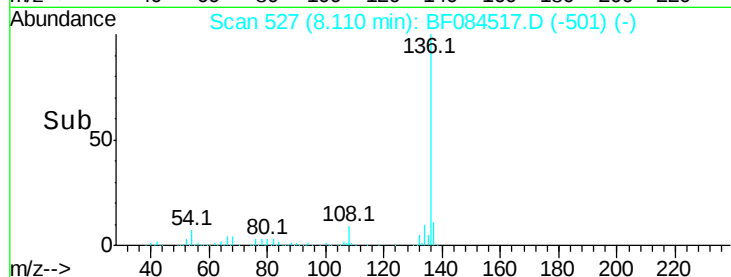


Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.03 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

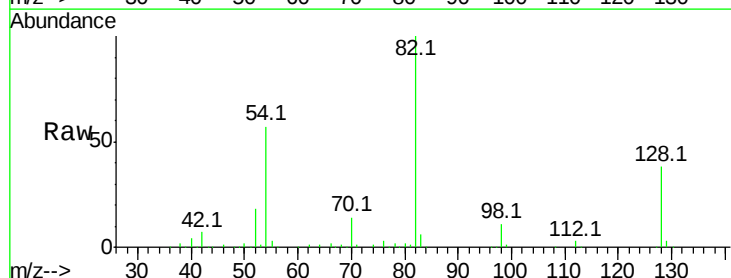
Tgt Ion: 82 Resp: 322341

Ion Ratio Lower Upper

82 100

128 38.3 34.6 51.8

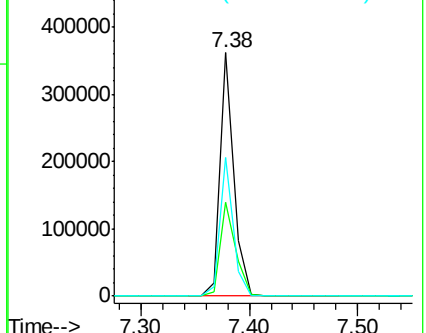
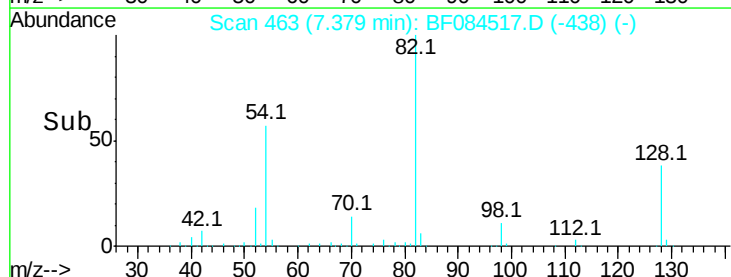
54 56.9 38.4 57.6

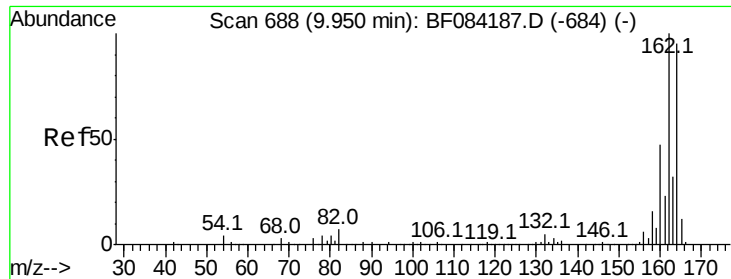


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

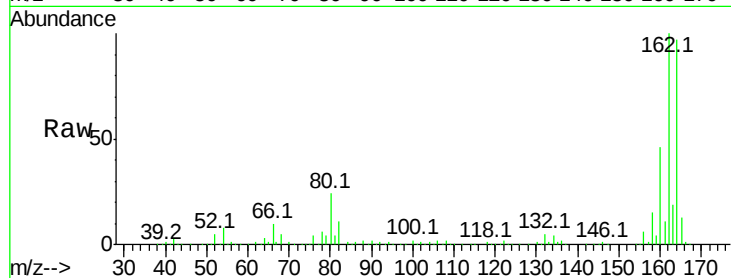




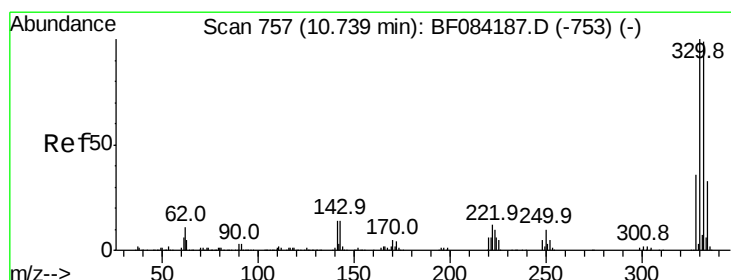
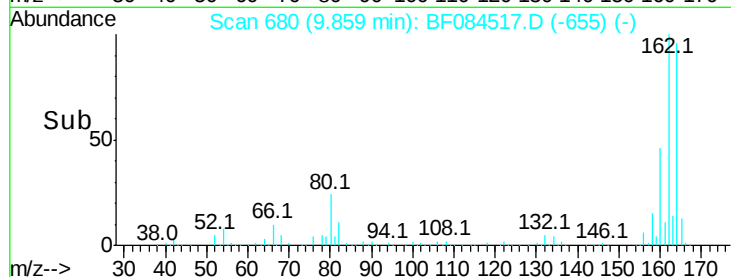
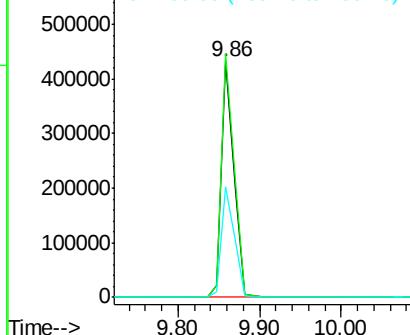
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 448087
Ion Ratio Lower Upper
164 100
162 103.2 85.1 127.7
160 47.1 37.5 56.3

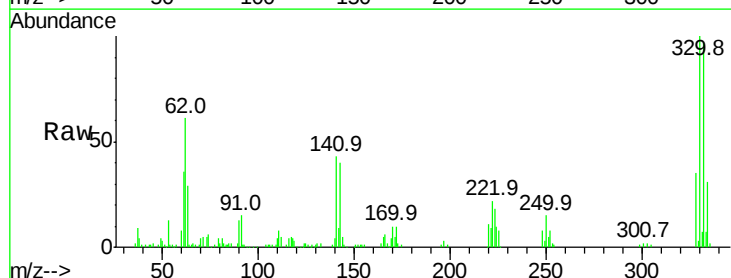


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

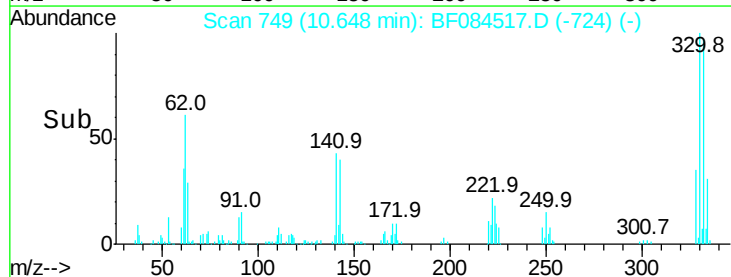
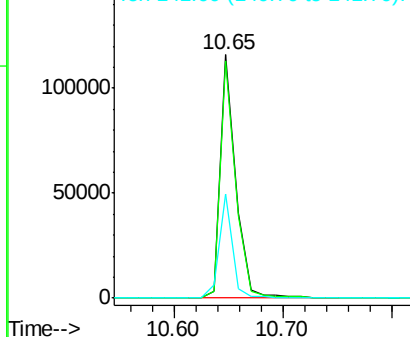


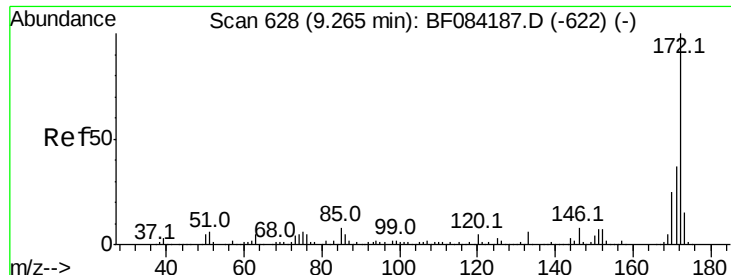
#41
2,4,6-Tribromophenol
Concen: 25.37 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Tgt Ion:330 Resp: 114775
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 37.2 27.8 41.6



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

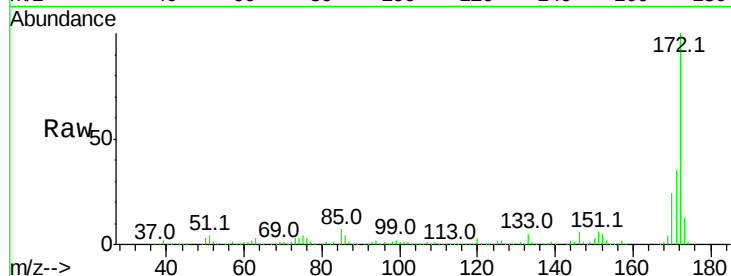




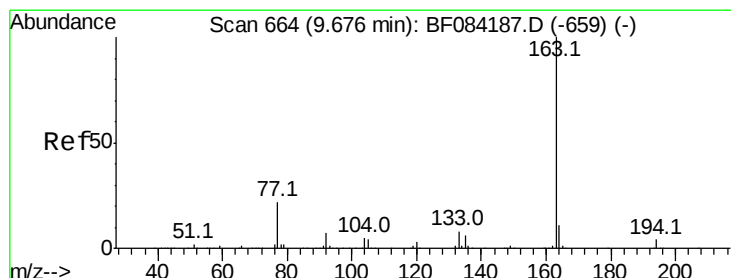
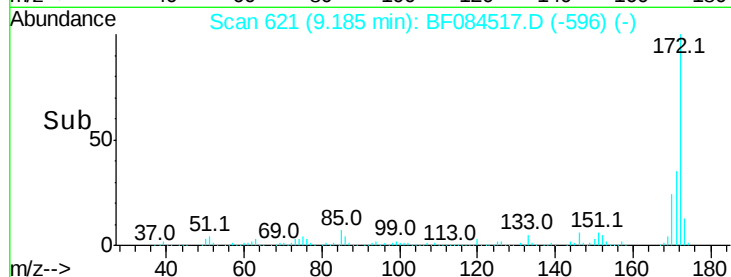
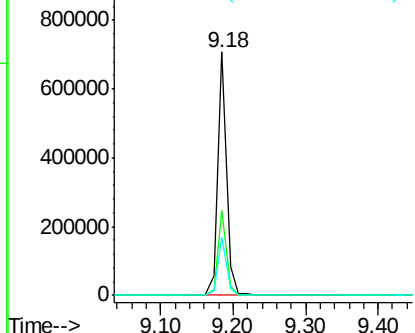
#44
2-Fluorobiphenyl
Concen: 18.44 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 595854
Ion Ratio Lower Upper
172 100
171 34.7 28.9 43.3
170 23.8 18.6 27.8

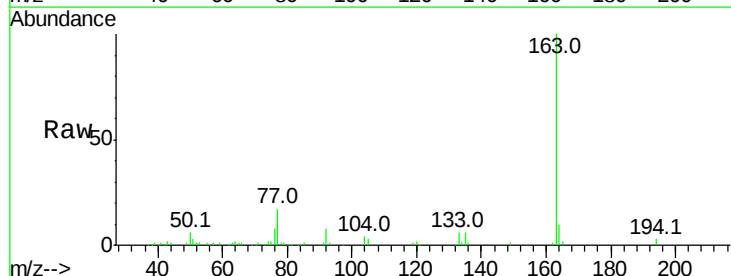


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

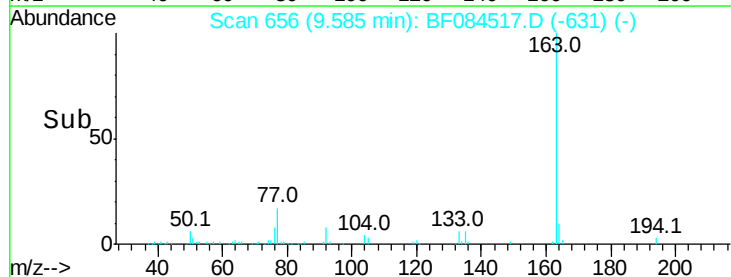
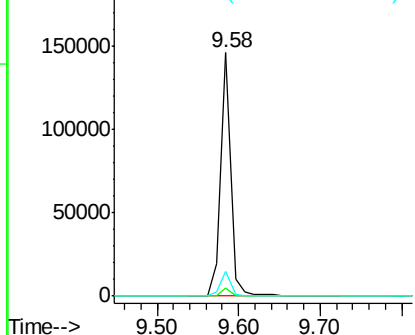


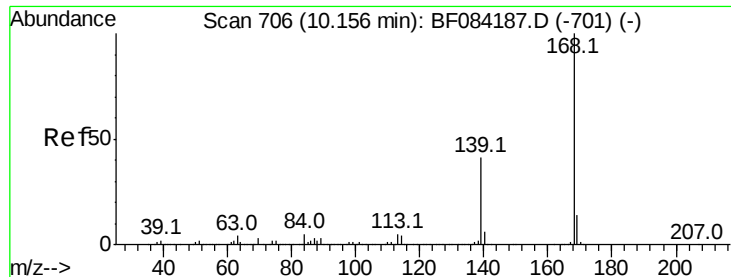
#49
Dimethylphthalate
Concen: 3.95 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Tgt Ion:163 Resp: 126646
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.1 8.0 12.0



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





#54

Dibenzofuran

Concen: Below Cal

RT: 10.06 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

Instrument :

BNA_F

ClientSampleId :

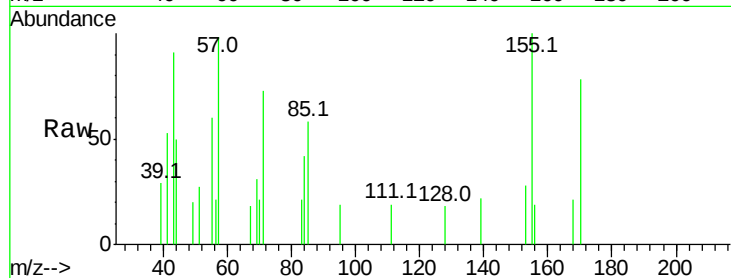
Tot Ion:168 Resp: 252

Ion Ratio Lower Upper

168 100

139 103.0 30.5 45.7#

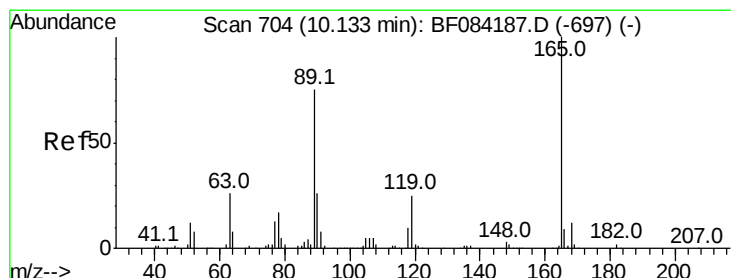
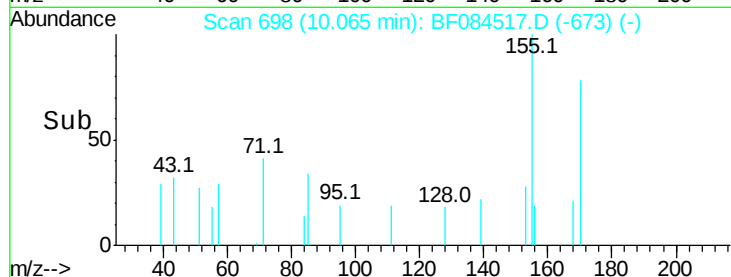
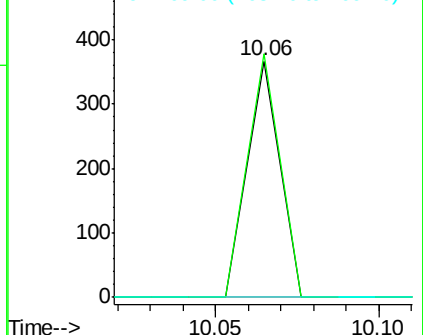
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.44 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

Tgt Ion:165 Resp: 57271

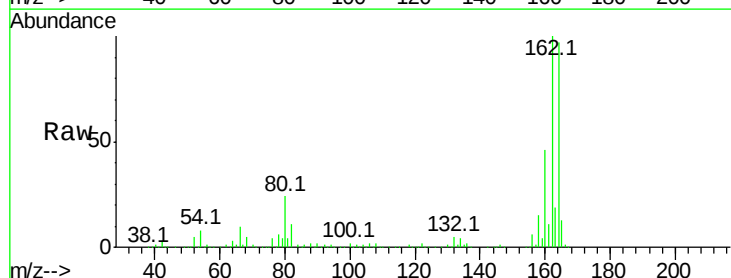
Ion Ratio Lower Upper

165 100

63 1.7 36.7 55.1#

89 1.2 61.9 92.9#

182 0.0 2.0 3.0#

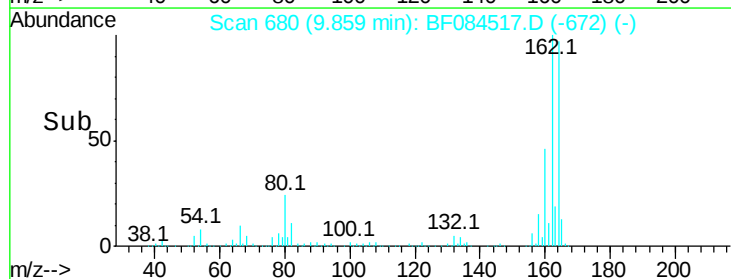
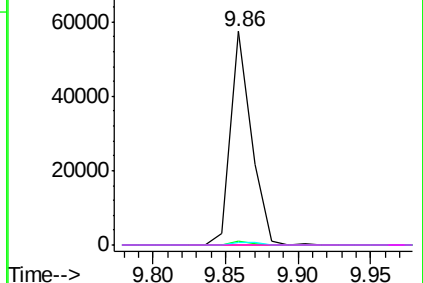


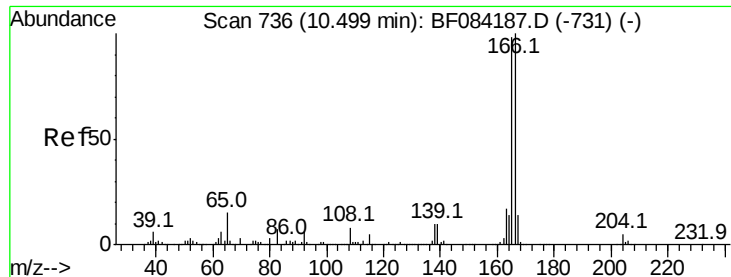
Abundance Ion 165.00 (164.70 to 165.70): E

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

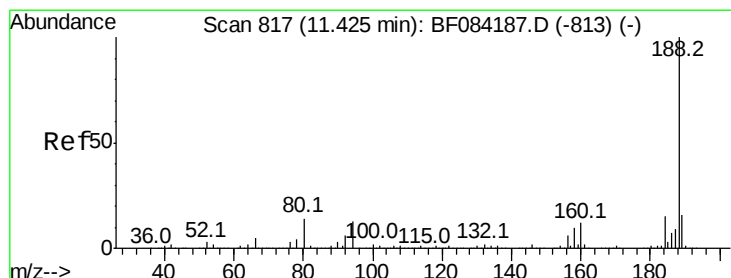
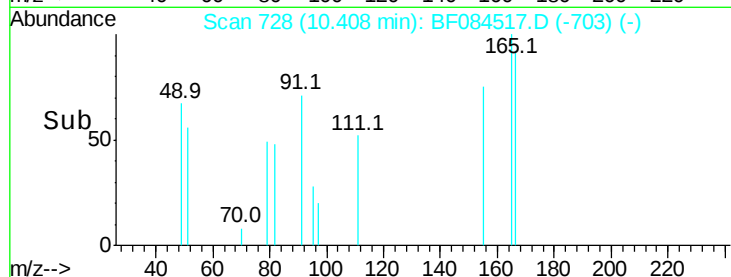
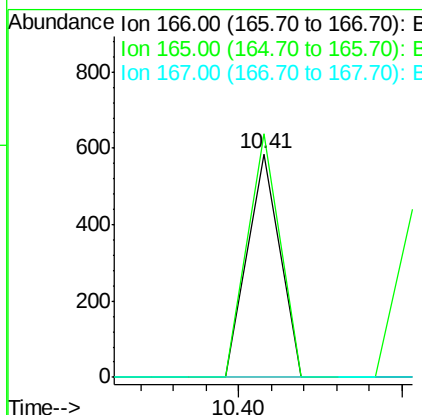
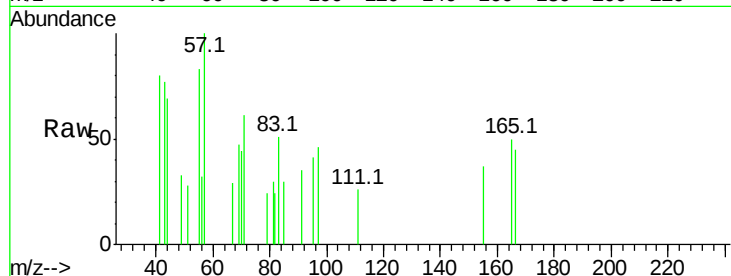




#57
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF084517.D
 Acq: 16 Jan 2016 3:57

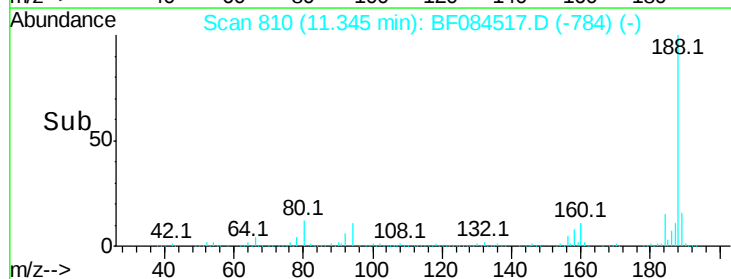
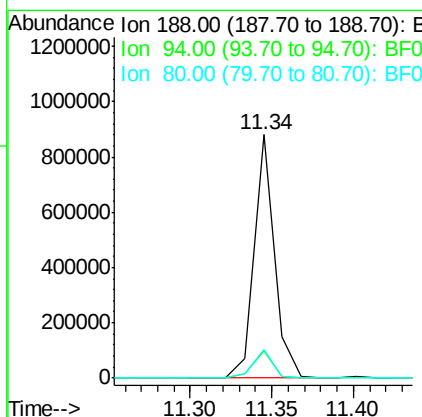
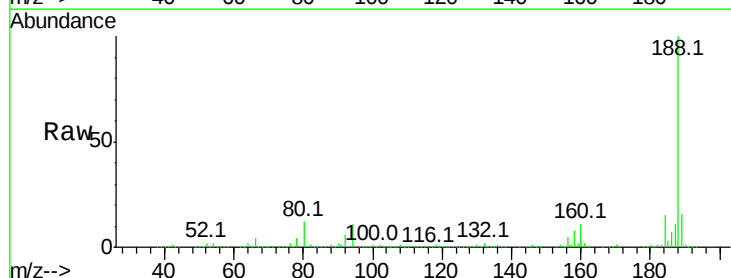
Instrument :
 BNA_F
 ClientSampled :

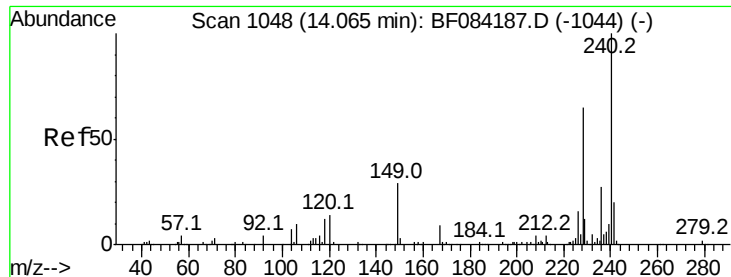
Tot Ion:166 Resp: 401
 Ion Ratio Lower Upper
 166 100
 165 109.1 79.1 118.7
 167 0.0 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF084517.D
 Acq: 16 Jan 2016 3:57

Tgt Ion:188 Resp: 763647
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.0 13.4
 80 11.7 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

Instrument :

BNA_F

ClientSampleId :

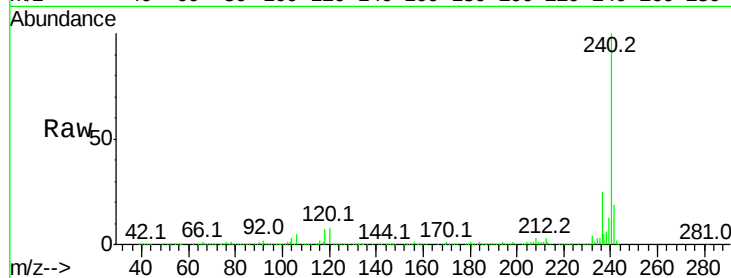
Tot Ion:240 Resp: 604029

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

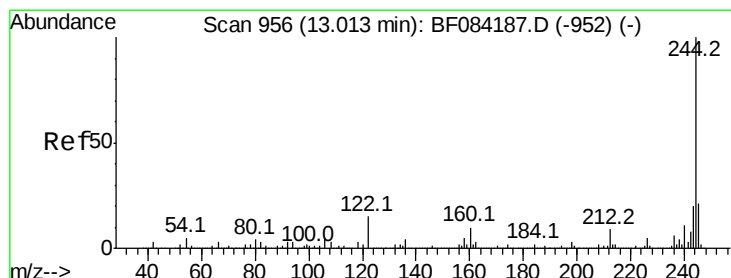
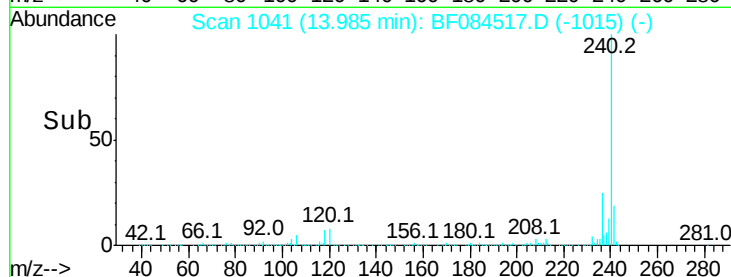
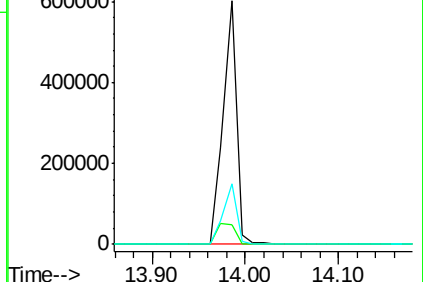
236 24.9 20.6 31.0



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: 15.38 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084517.D

Acq: 16 Jan 2016 3:57

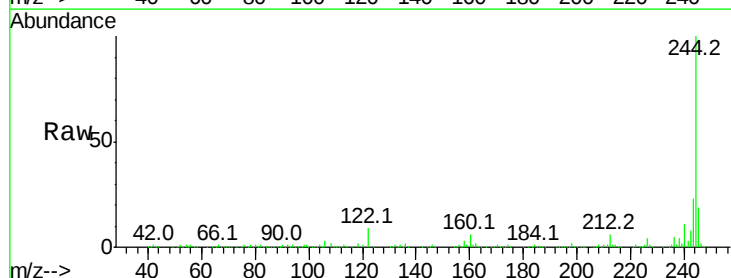
Tgt Ion:244 Resp: 416198

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

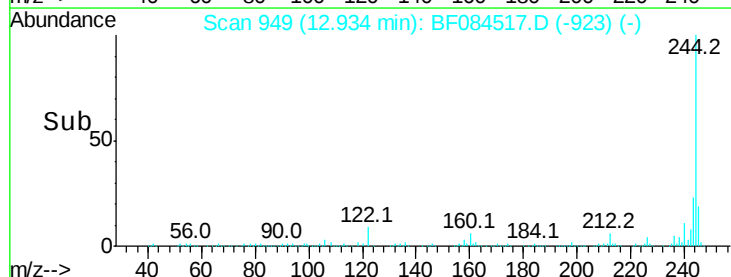
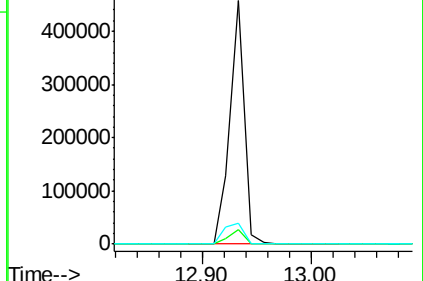
122 8.7 7.4 11.0

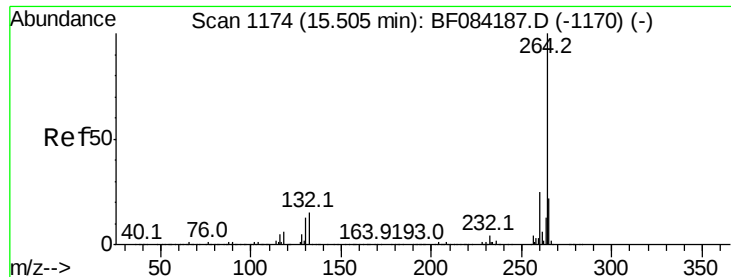


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 538620
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 21.3 17.8 26.6

