

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084603.D
 Acq On : 25 Jan 2016 13:12
 Operator : SJ/IZ
 Sample : H1200-01RE 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 16:31:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

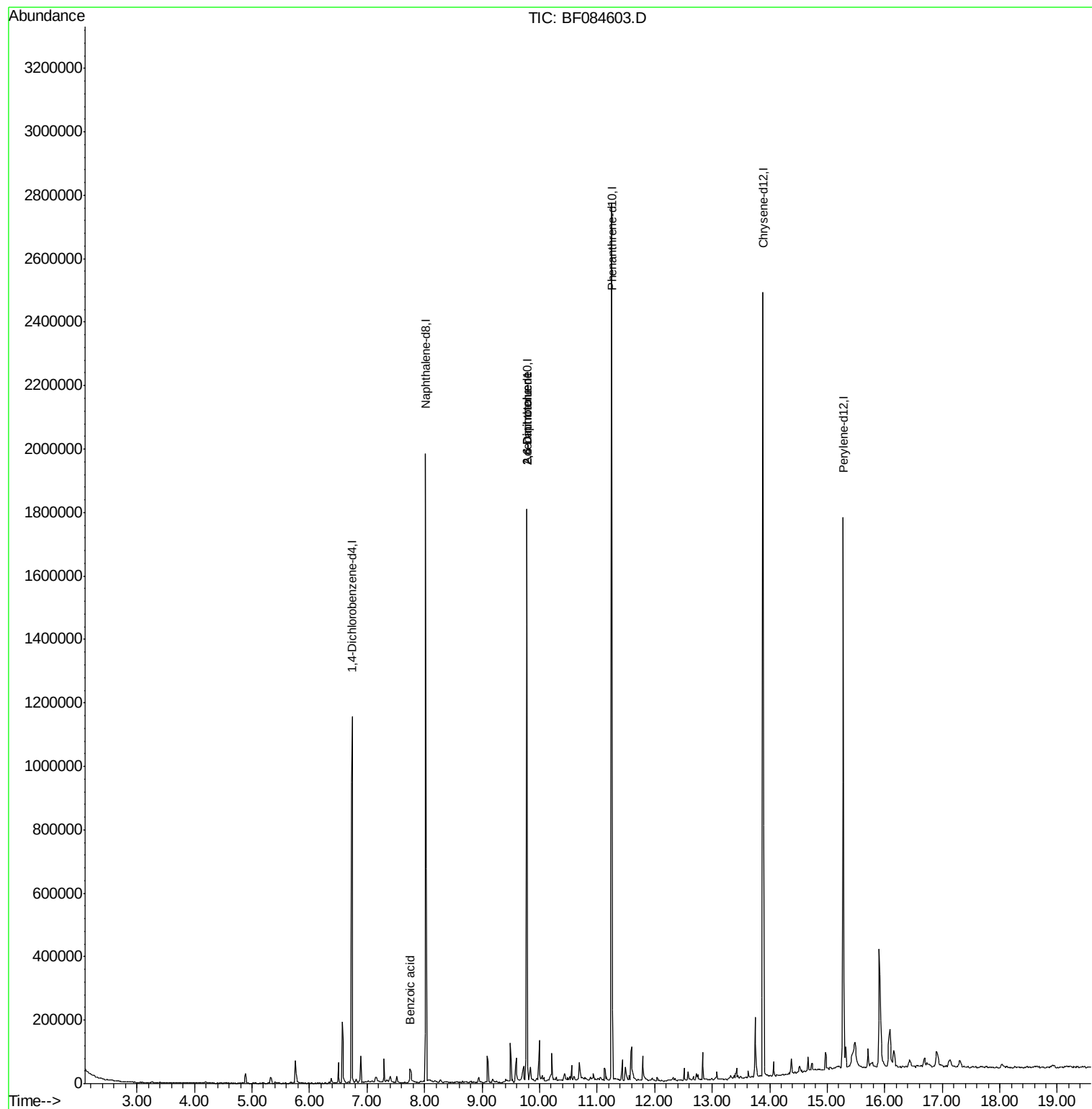
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	236641	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	938350	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	482013	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	951413	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	871086	20.00	ng	-0.01
86) Perylene-d12	15.28	264	775427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	7269	0.50	ng	0.00
7) Phenol-d6	6.37	99	6974	0.38	ng	-0.02
23) Nitrobenzene-d5	7.30	82	20648	1.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	4611	0.95	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	36076	-5.41	ng	0.00
78) Terphenyl-d14	12.83	244	30126	0.77	ng	-0.02
Target Compounds						
32) Benzoic acid	7.74	122	16518	7.67	ng	Qvalue 94
50) 2,6-Dinitrotoluene	9.78	165	59953	7.93	ng	# 38
54) Dibenzofuran	9.97	168	206	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.78	165	59953	6.27	ng	# 22
57) Fluorene	10.56	166	271	Below Cal	#	8
73) Di-n-butylphthalate	11.83	149	4486	Below Cal	#	89

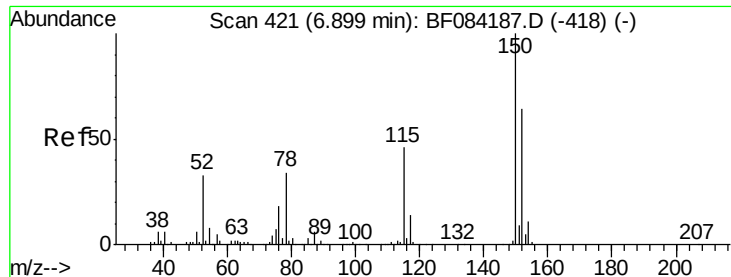
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

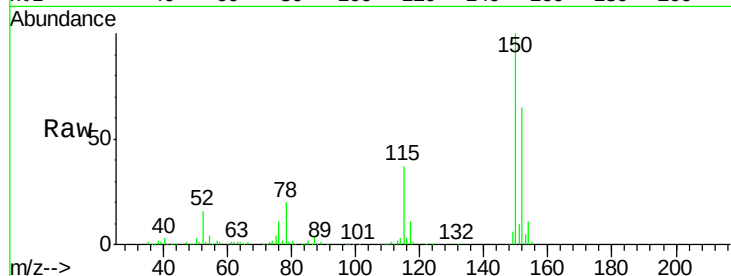
Tot Ion:152 Resp: 236641

Ion Ratio Lower Upper

152 100

150 154.5 123.0 184.4

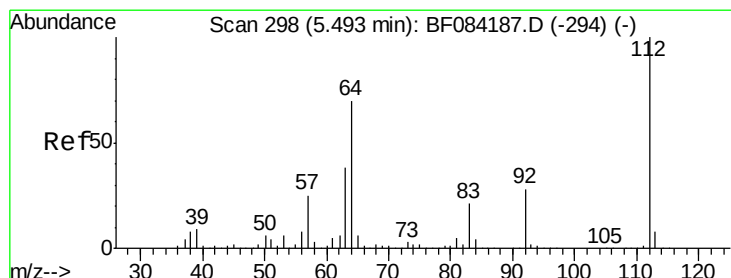
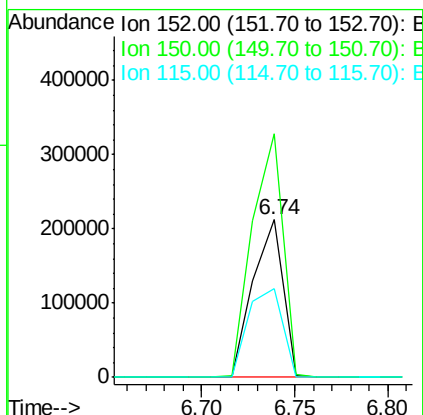
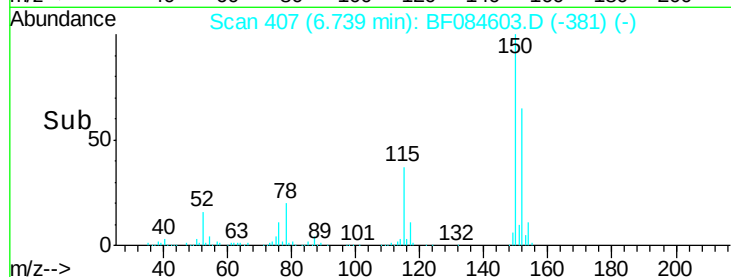
115 56.7 51.4 77.2



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: 0.50 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

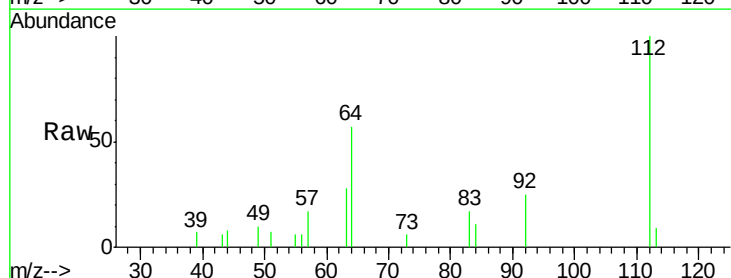
Tgt Ion:112 Resp: 7269

Ion Ratio Lower Upper

112 100

64 57.4 36.6 55.0#

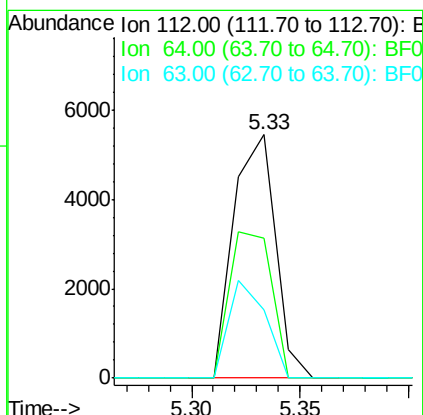
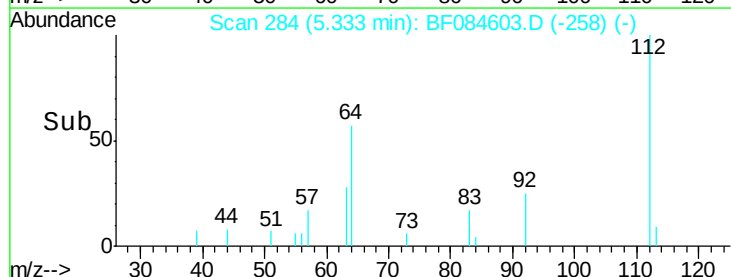
63 27.9 19.4 29.0

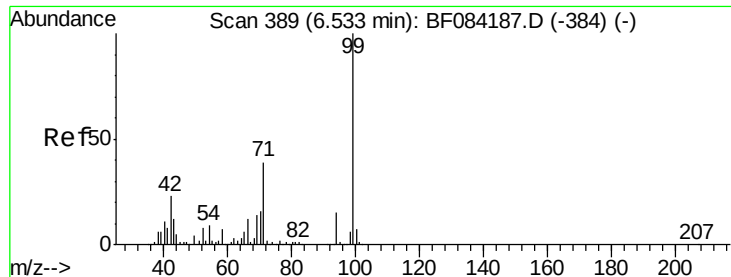


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.38 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

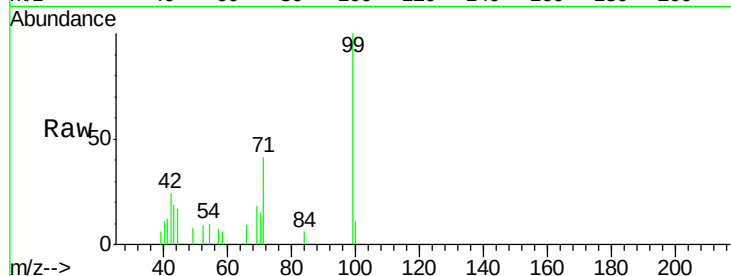
Tot Ion: 99 Resp: 6974

Ion Ratio Lower Upper

99 100

42 24.4 12.8 19.2#

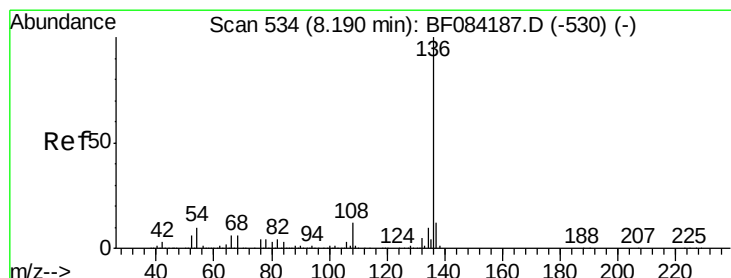
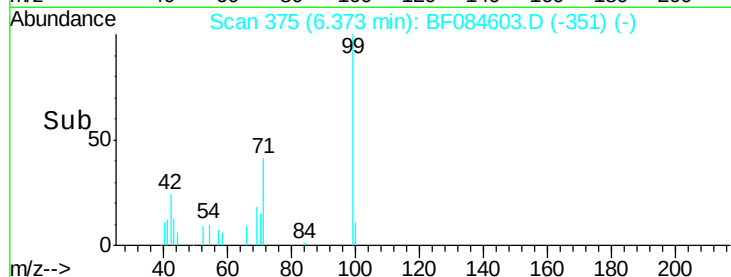
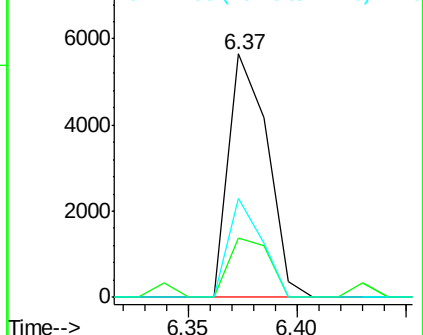
71 40.9 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

Tgt Ion: 136 Resp: 938350

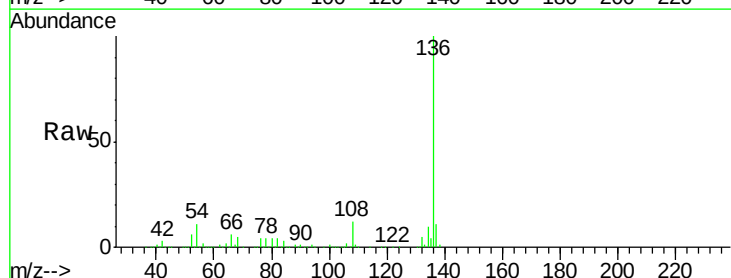
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.8 5.8 8.8#

68 5.5 4.2 6.2

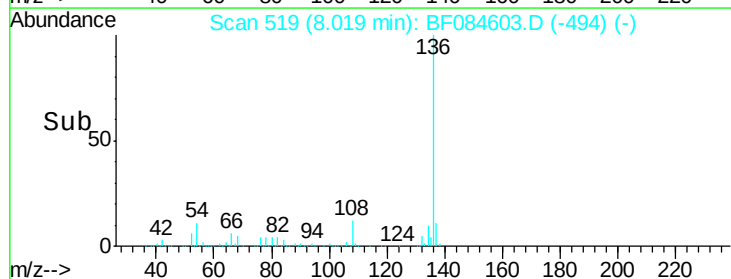
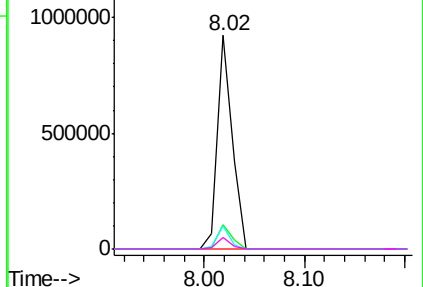


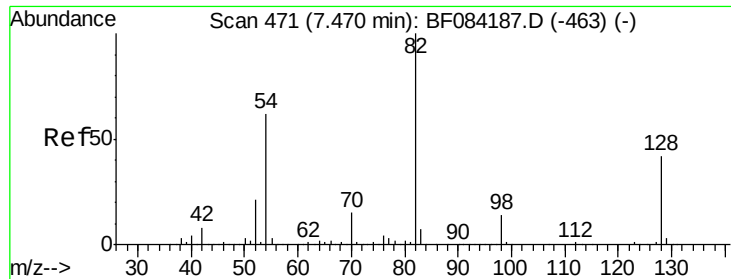
Abundance Ion 136.00 (135.70 to 136.70): E

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

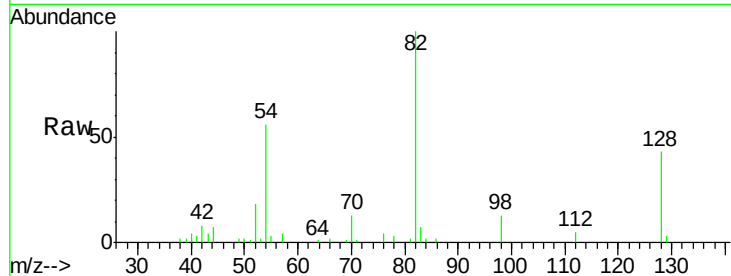




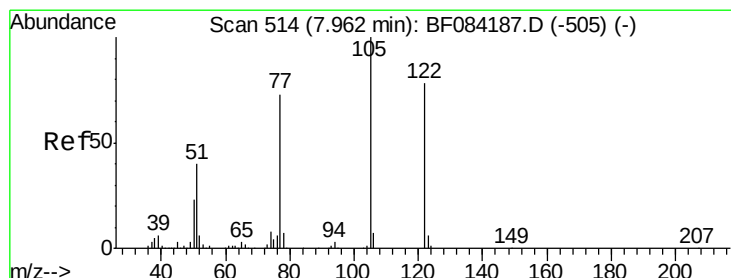
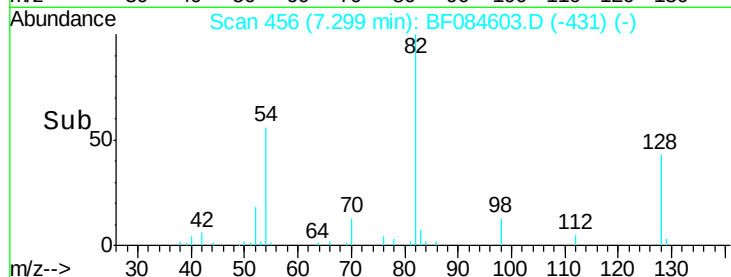
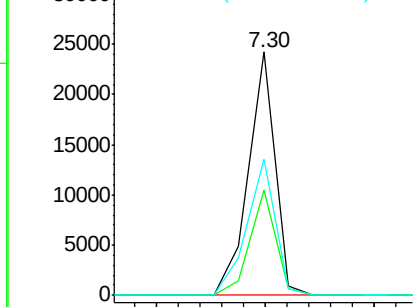
#23
Nitrobenzene-d5
Concen: 1.22 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084603.D
Acq: 25 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 20648
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 56.1 38.4 57.6

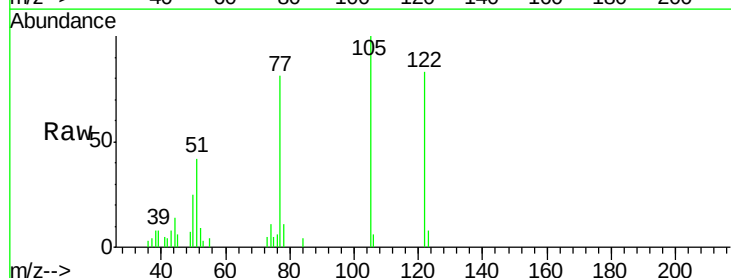


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

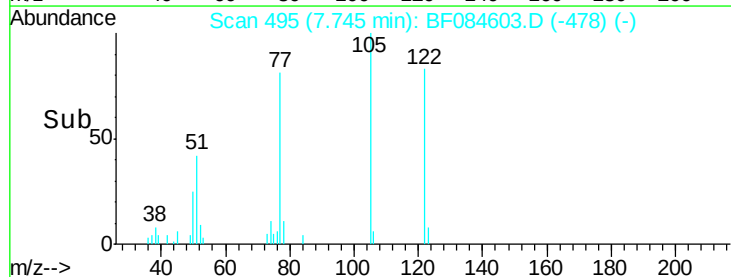
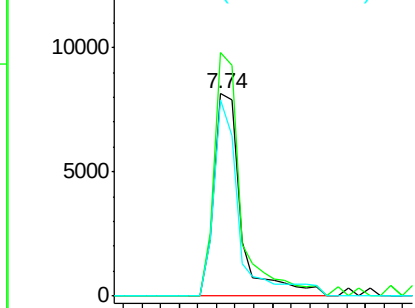


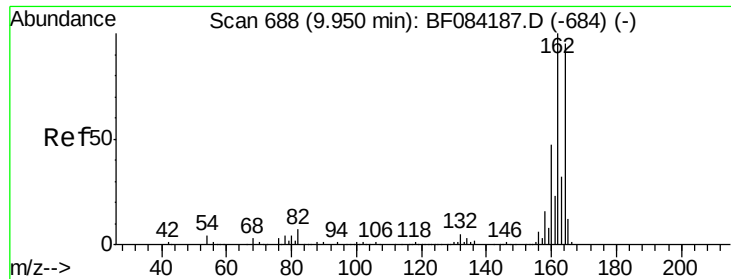
#32
Benzoic acid
Concen: 7.67 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF084603.D
Acq: 25 Jan 2016 13:12

Tgt Ion:122 Resp: 16518
Ion Ratio Lower Upper
122 100
105 120.3 100.3 140.3
77 97.0 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

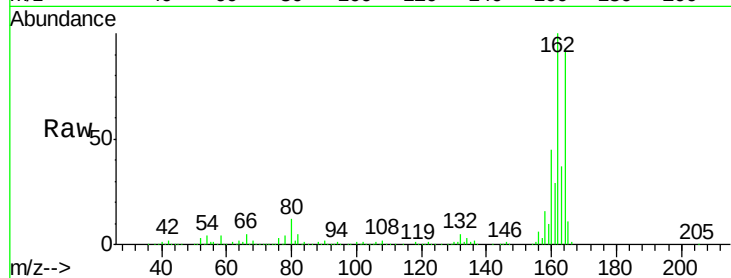




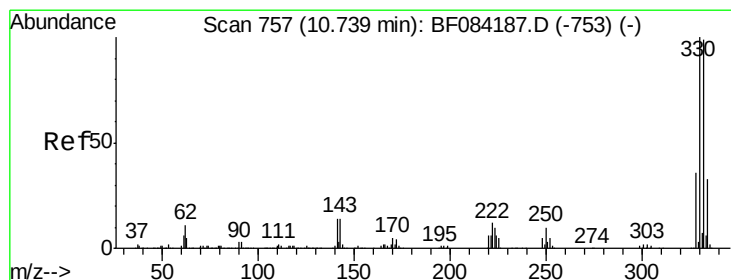
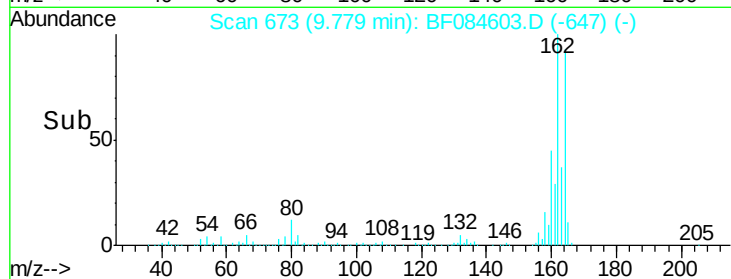
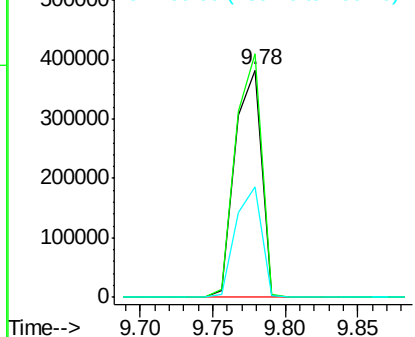
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF084603.D
 Acq: 25 Jan 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 482013
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 48.5 37.5 56.3

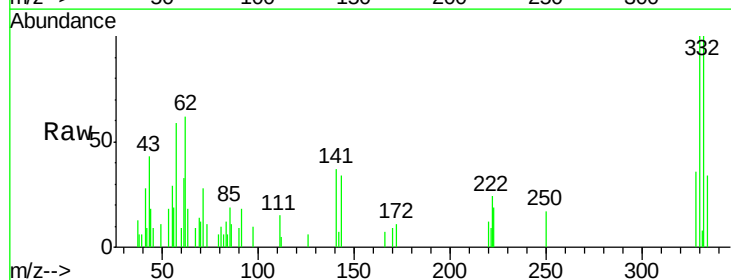


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

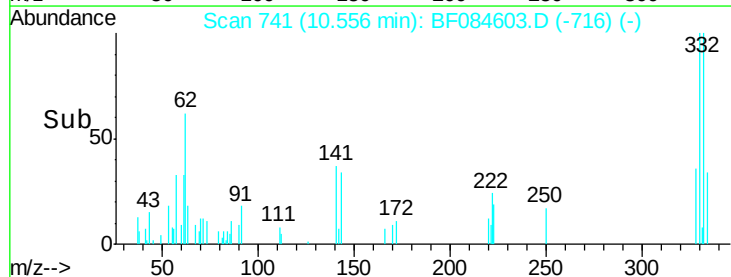
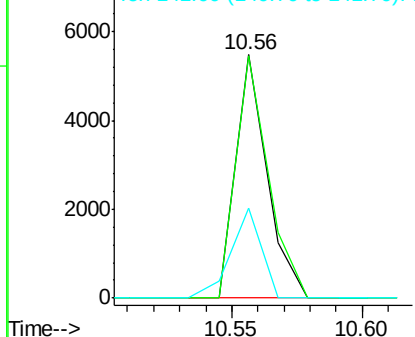


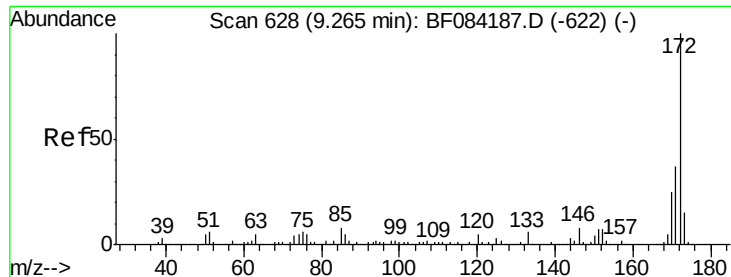
#41
 2,4,6-Tribromophenol
 Concen: 0.95 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF084603.D
 Acq: 25 Jan 2016 13:12

Tgt Ion:330 Resp: 4611
 Ion Ratio Lower Upper
 330 100
 332 103.3 76.6 114.8
 141 35.6 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

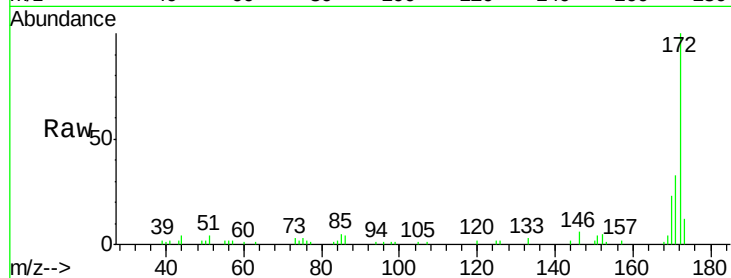




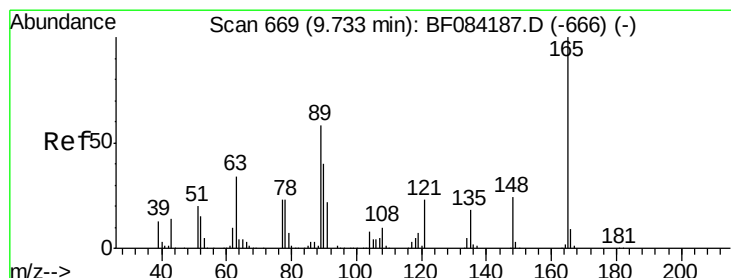
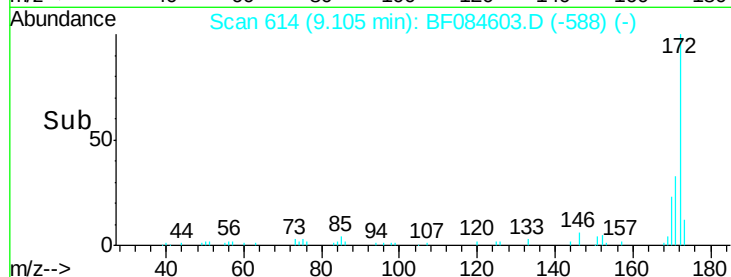
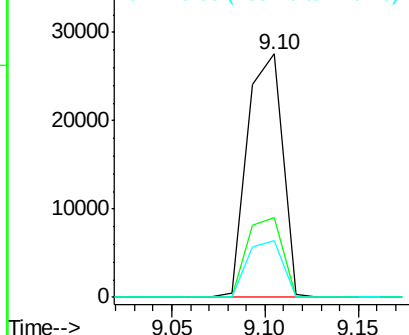
#44
2-Fluorobiphenyl
Concen: -5.41 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF084603.D
Acq: 25 Jan 2016 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 36076
Ion Ratio Lower Upper
172 100
171 32.5 28.9 43.3
170 23.1 18.6 27.8

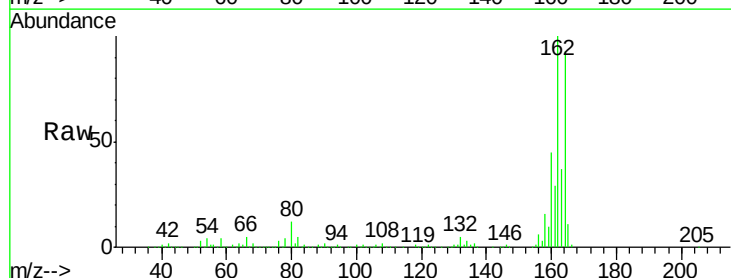


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

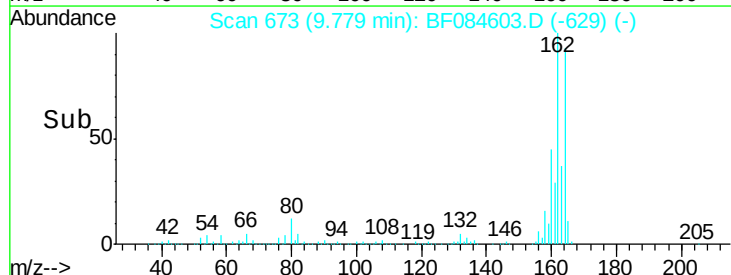
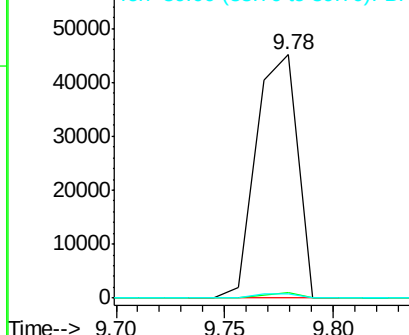


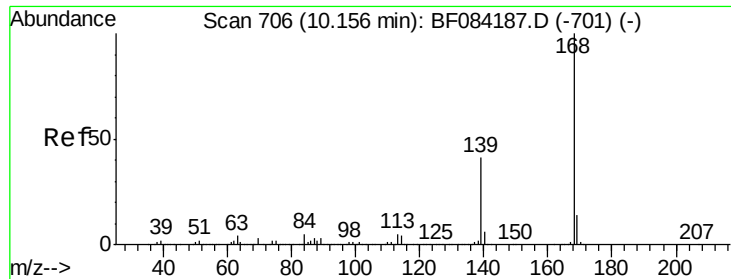
#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.21 min
Lab File: BF084603.D
Acq: 25 Jan 2016 13:12

Tgt Ion:165 Resp: 59953
Ion Ratio Lower Upper
165 100
63 2.1 28.8 43.2#
89 1.9 35.1 52.7#



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

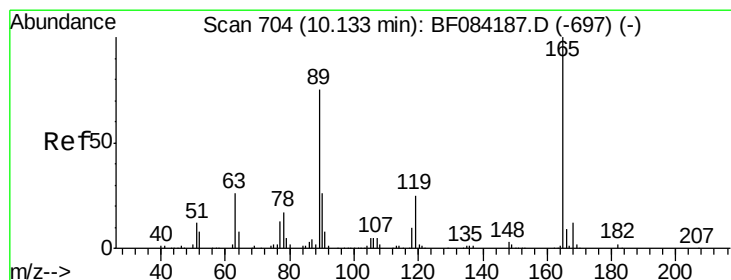
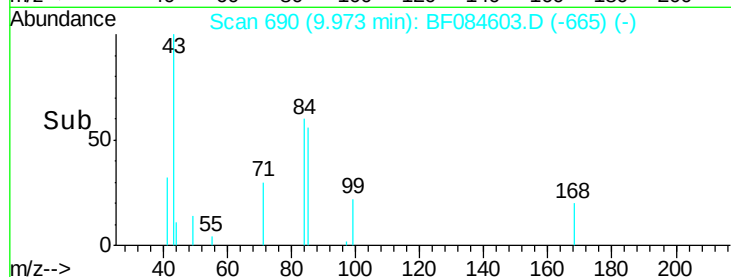
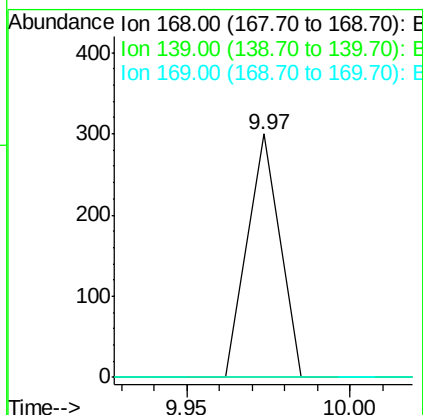
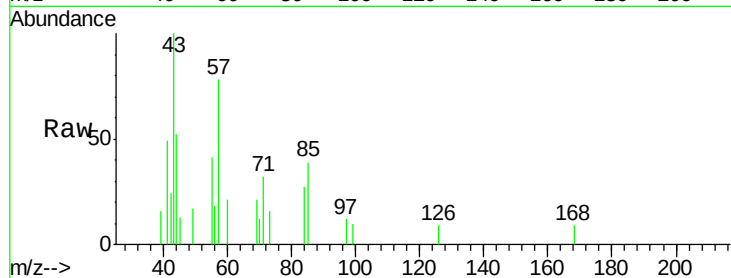




#54
Dibenzofuran
Concen: Below Cal
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084603.D
Acq: 25 Jan 2016 13:12

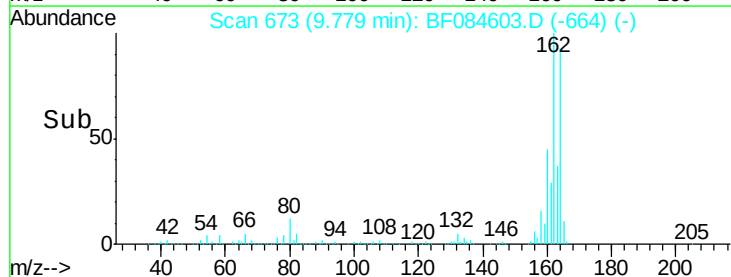
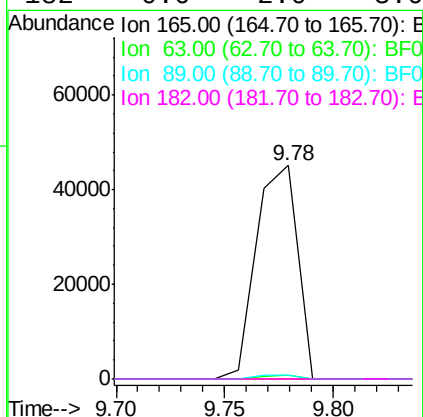
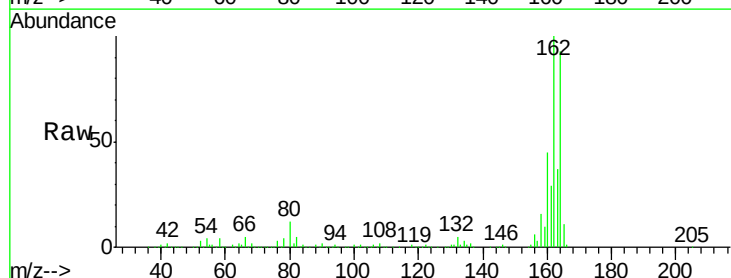
Instrument :
BNA_F
ClientSampleId :

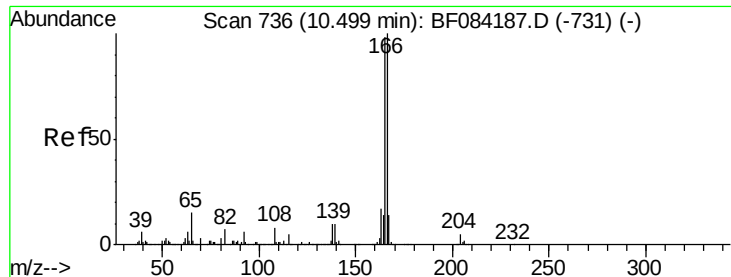
Tot Ion:168 Resp: 206
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.19 min
Lab File: BF084603.D
Acq: 25 Jan 2016 13:12

Tgt Ion:165 Resp: 59953
Ion Ratio Lower Upper
165 100
63 2.1 36.7 55.1#
89 1.9 61.9 92.9#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.56 min Scan# 741

Delta R.T. 0.23 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

Instrument :

BNA_F

ClientSampled :

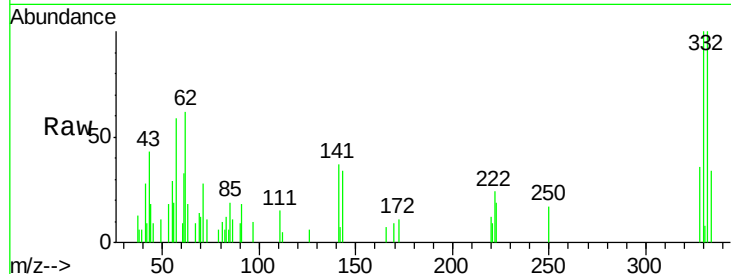
Tot Ion:166 Resp: 271

Ion Ratio Lower Upper

166 100

165 0.0 79.1 118.7#

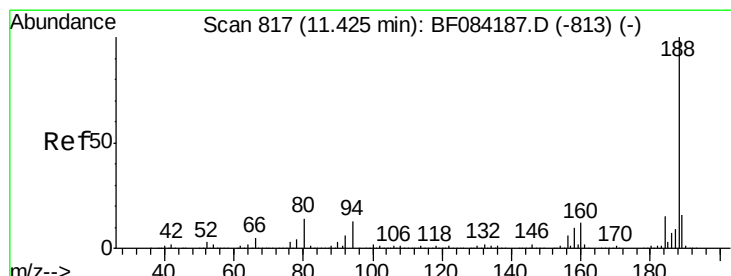
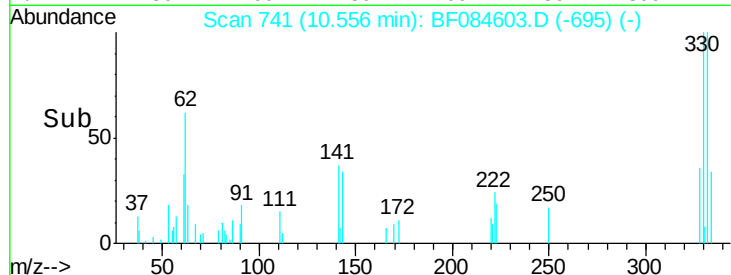
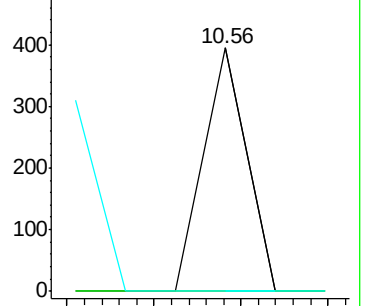
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

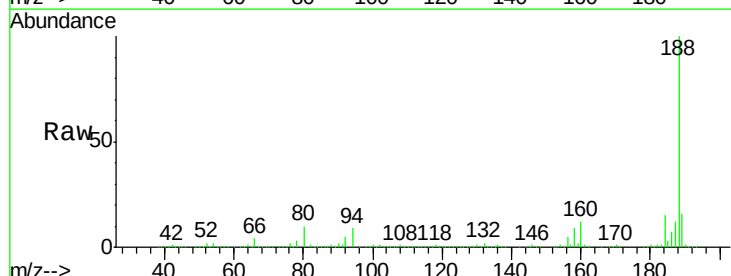
Tgt Ion:188 Resp: 951413

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

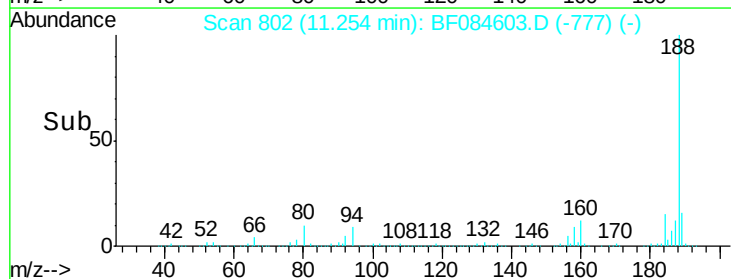
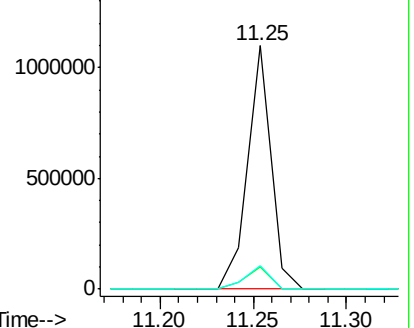
80 9.6 9.6 14.4#

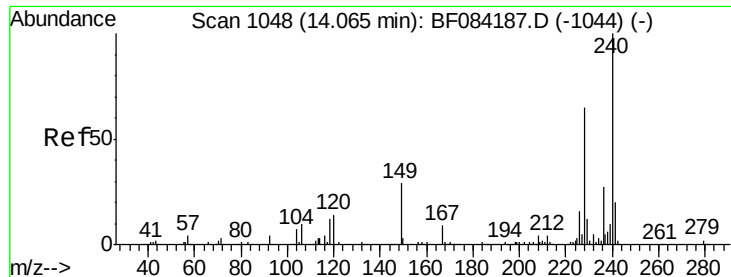


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

Instrument :

BNA_F

ClientSampleId :

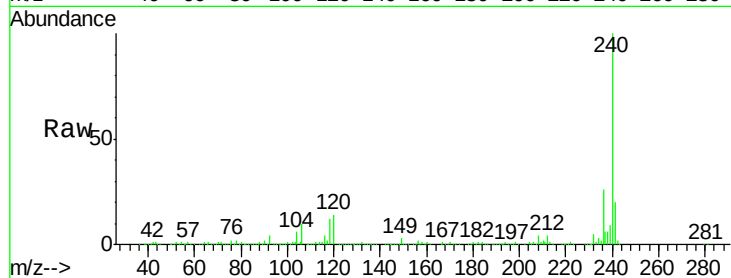
Tot Ion:240 Resp: 871086

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

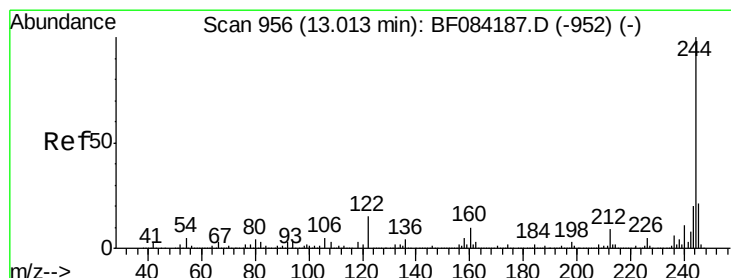
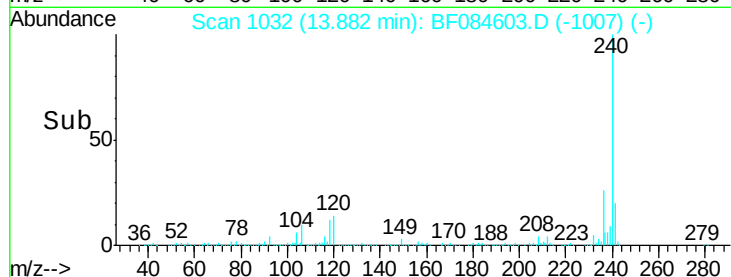
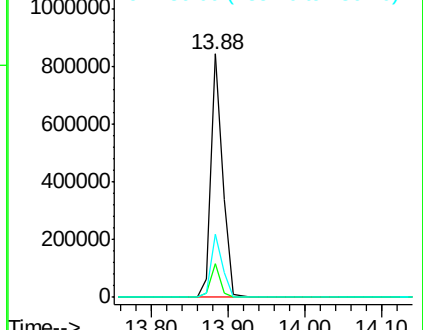
236 25.8 20.6 31.0



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: 0.77 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF084603.D

Acq: 25 Jan 2016 13:12

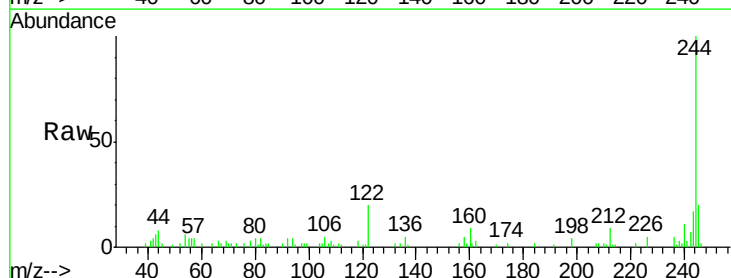
Tgt Ion:244 Resp: 30126

Ion Ratio Lower Upper

244 100

212 8.5 5.7 8.5

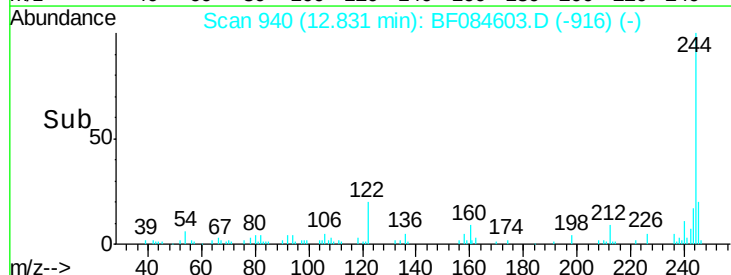
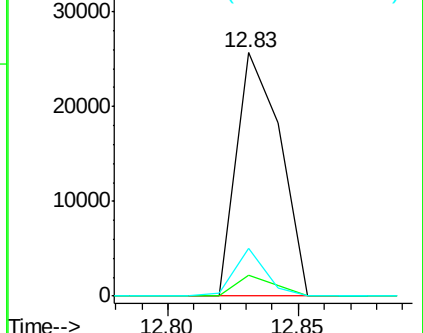
122 19.9 7.4 11.0#

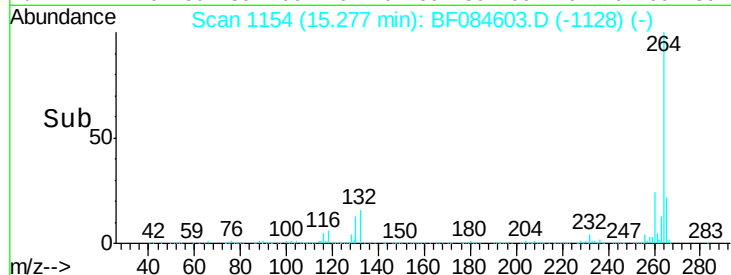
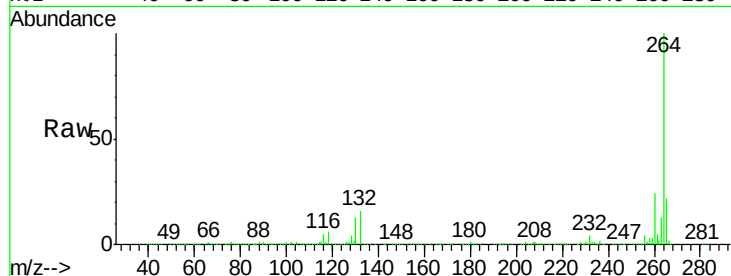
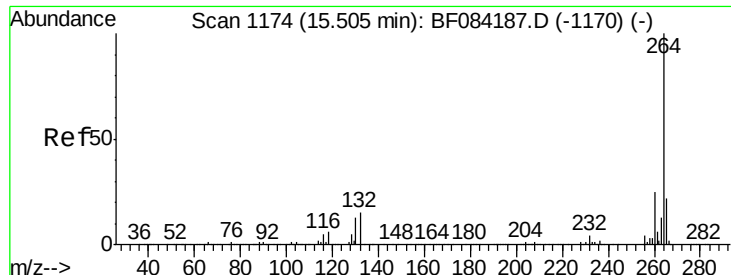


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084603.D
 Acq: 25 Jan 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	775427
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.8	26.6

