

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084262.D
 Acq On : 5 Jan 2016 3:40
 Operator : UM/SJ
 Sample : G4990-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-30

Quant Time: Jan 05 07:25:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

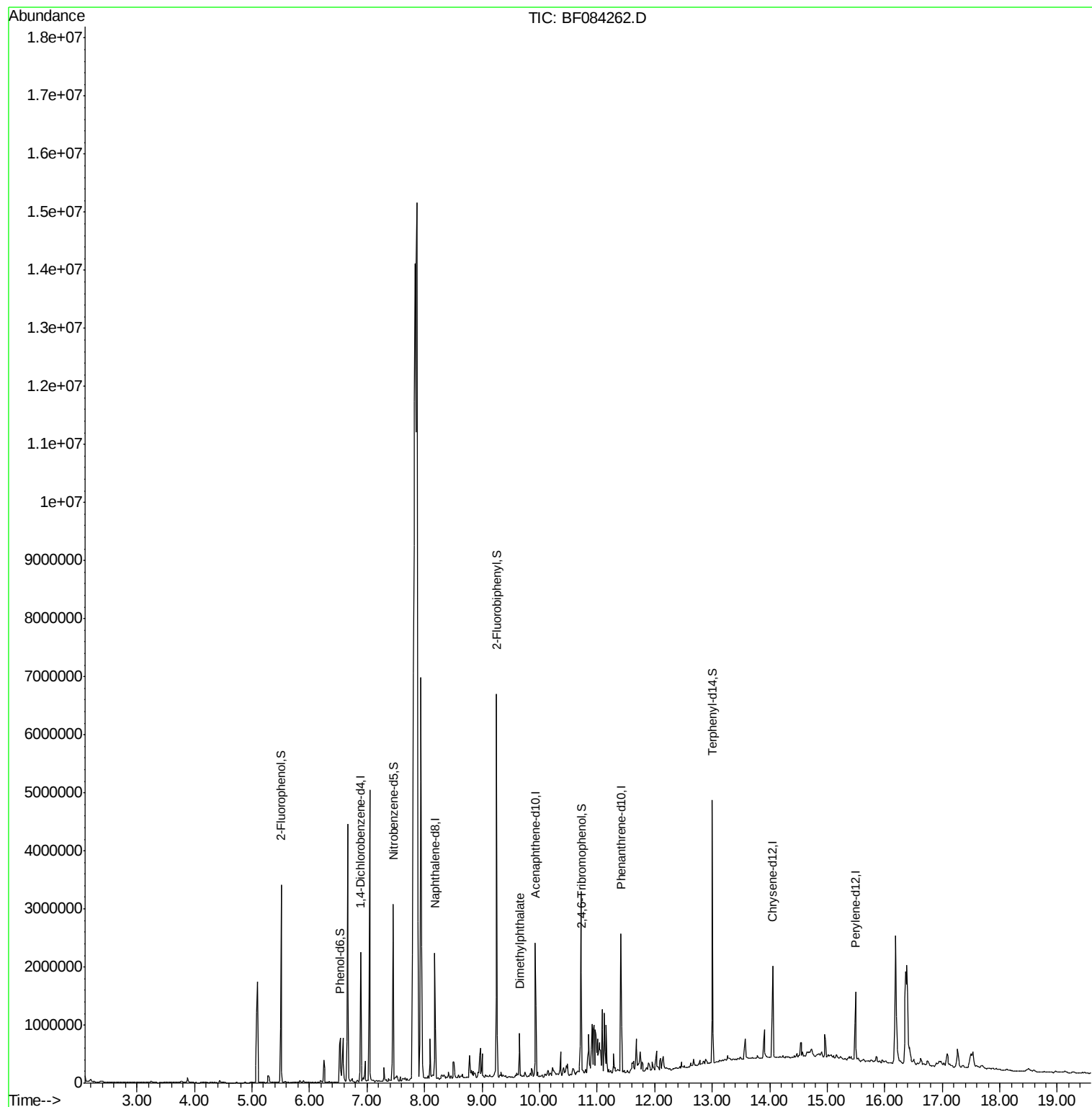
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	285839	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1124634	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	510945	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	877997	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	607012	20.00	ng	-0.01
86) Perylene-d12	15.49	264	563200	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	846083	47.88	ng	0.01
7) Phenol-d6	6.53	99	408342	18.40	ng	0.00
23) Nitrobenzene-d5	7.46	82	1320776	65.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	431344	83.62	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1875124	62.92	ng	-0.01
78) Terphenyl-d14	13.00	244	1278229	47.00	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.65	163	356441	9.76	ng	Qvalue # 91

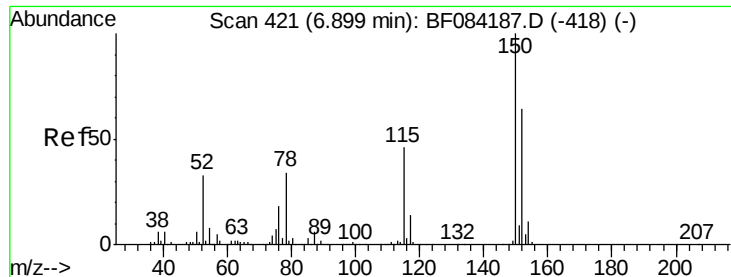
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084262.D
Acq On : 5 Jan 2016 3:40
Operator : UM/SJ
Sample : G4990-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-30

Quant Time: Jan 05 07:25:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Instrument :

BNA_F

ClientSampleId :

W-30

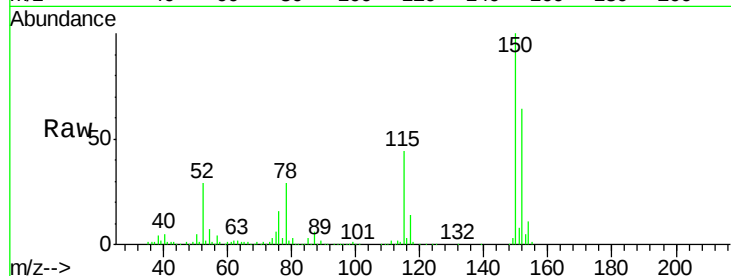
Tot Ion:152 Resp: 285839

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

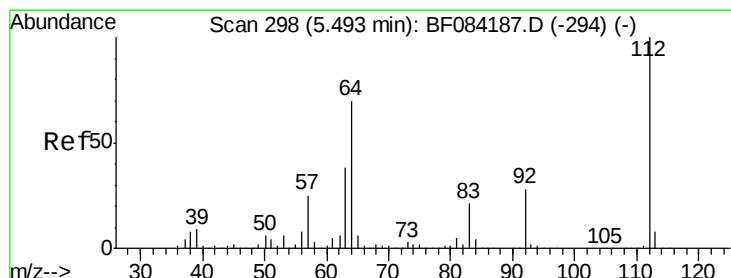
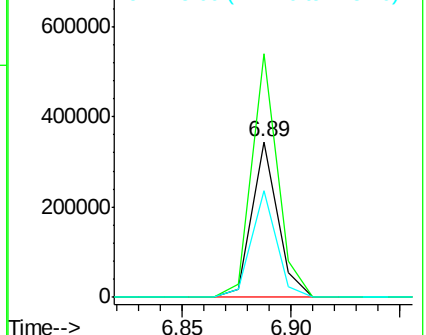
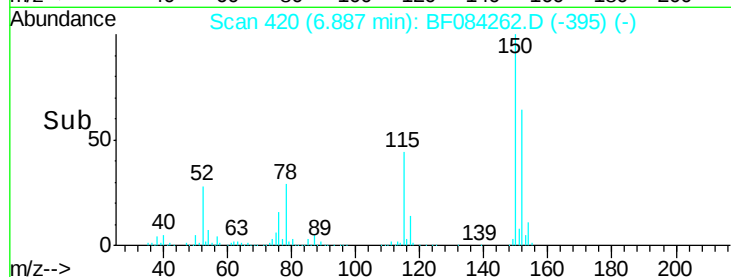
115 68.2 51.4 77.2



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: 47.88 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

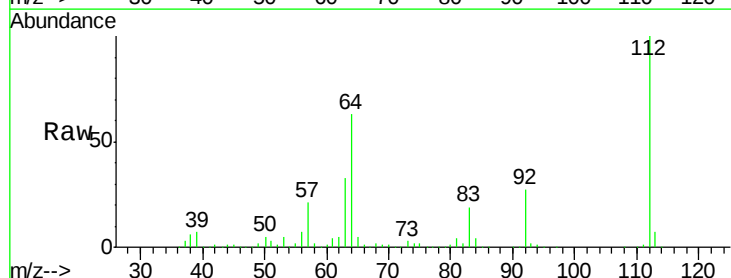
Tgt Ion:112 Resp: 846083

Ion Ratio Lower Upper

112 100

64 62.9 36.6 55.0#

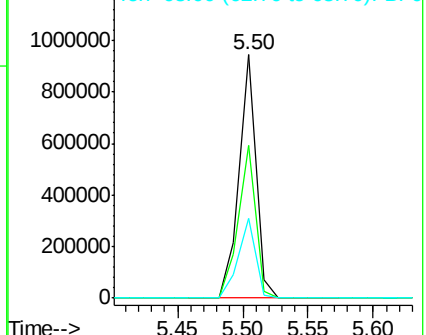
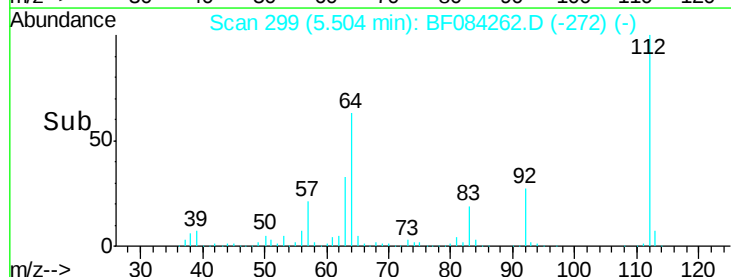
63 32.8 19.4 29.0#

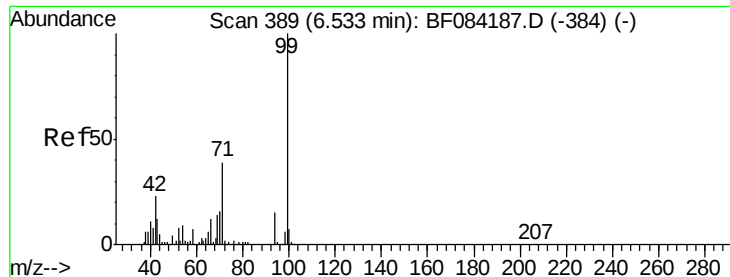


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.40 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Instrument :

BNA_F

ClientSampleId :

W-30

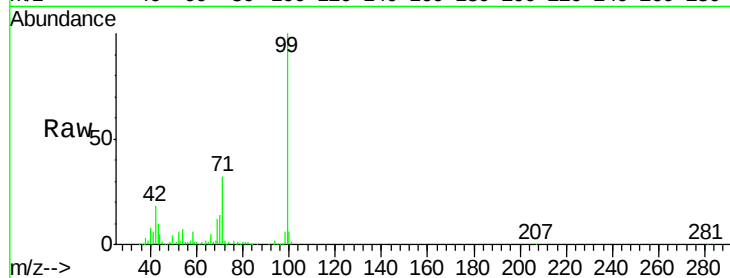
Tot Ion: 99 Resp: 408342

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

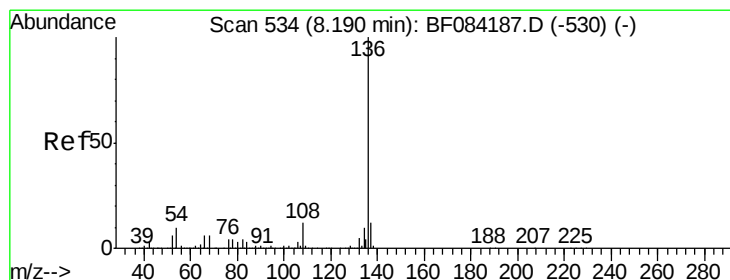
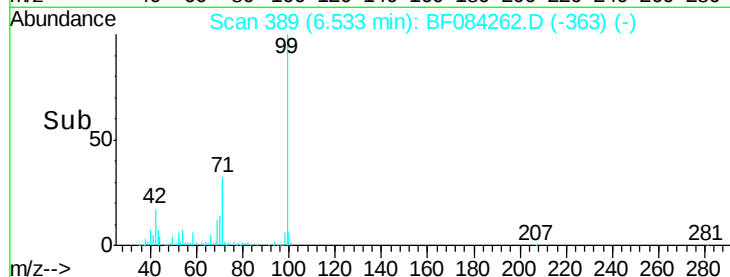
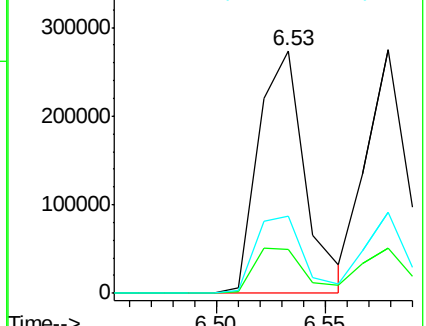
71 32.0 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Tgt Ion:136 Resp: 1124634

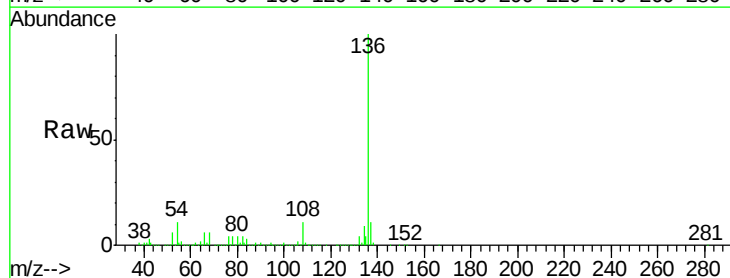
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.1 5.8 8.8#

68 6.2 4.2 6.2

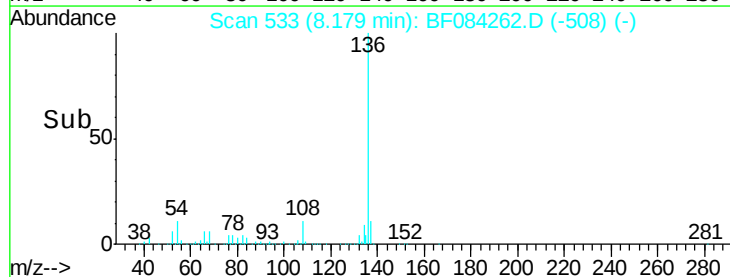
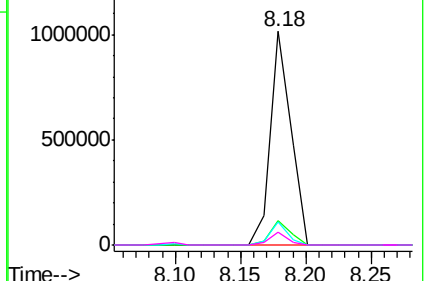


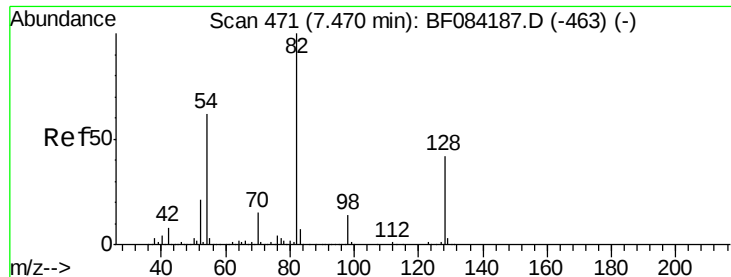
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.36 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Instrument :

BNA_F

ClientSampleId :

W-30

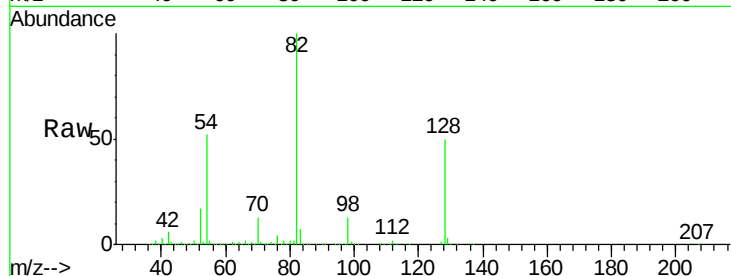
Tot Ion: 82 Resp: 1320776

Ion Ratio Lower Upper

82 100

128 49.8 34.6 51.8

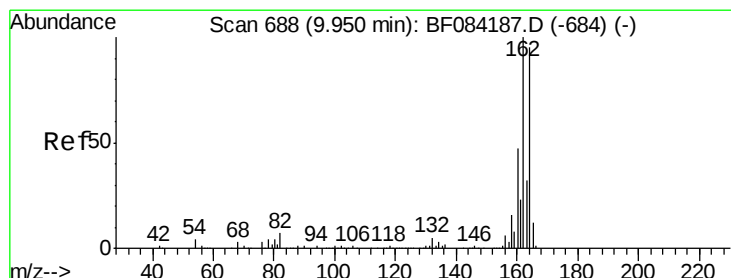
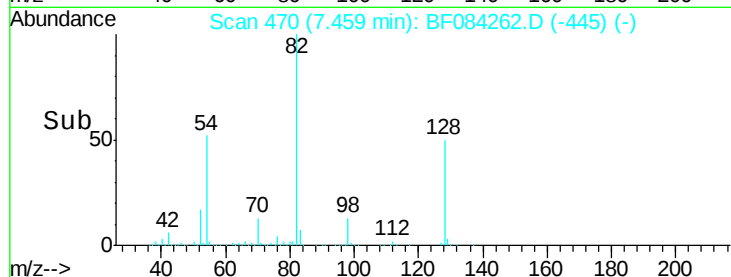
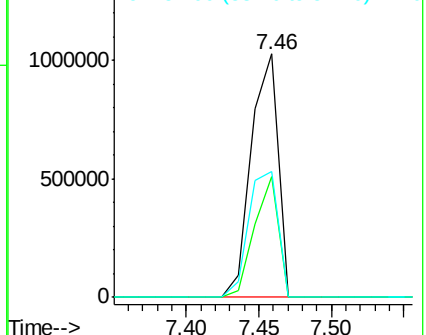
54 51.7 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

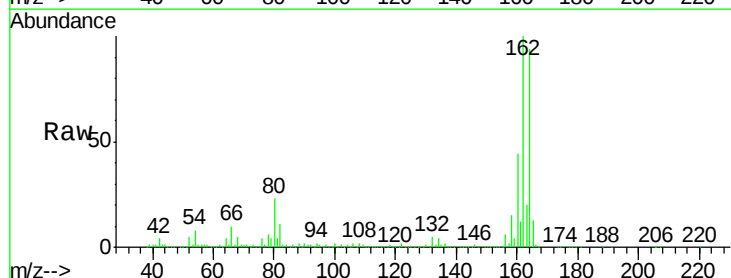
Tgt Ion:164 Resp: 510945

Ion Ratio Lower Upper

164 100

162 106.0 85.1 127.7

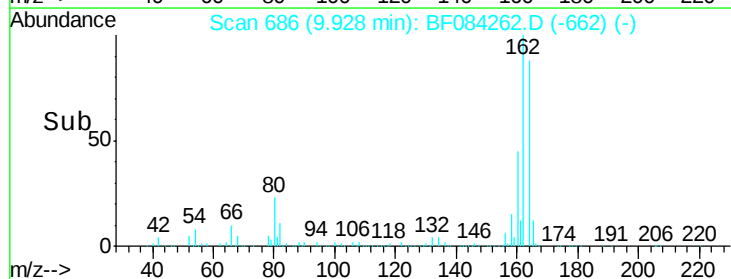
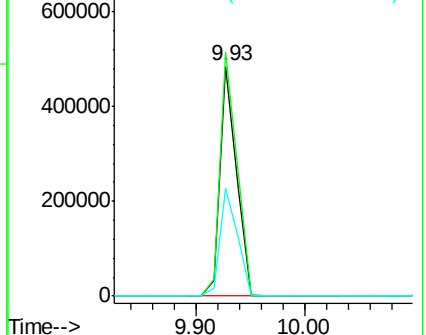
160 47.2 37.5 56.3

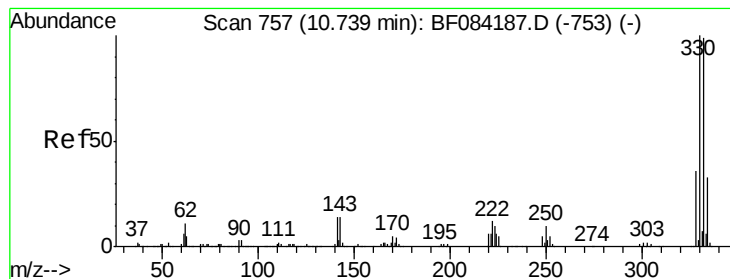


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0





#41

2,4,6-Tribromophenol

Concen: 83.62 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Instrument :

BNA_F

ClientSampleId :

W-30

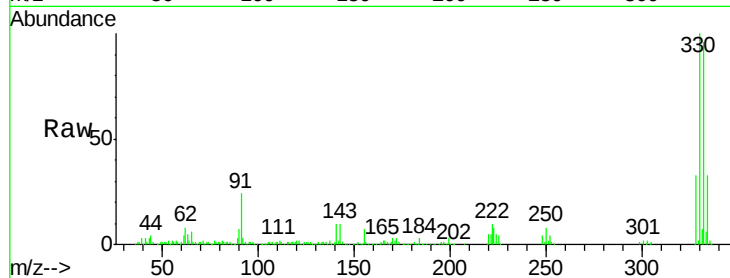
Tot Ion:330 Resp: 431344

Ion Ratio Lower Upper

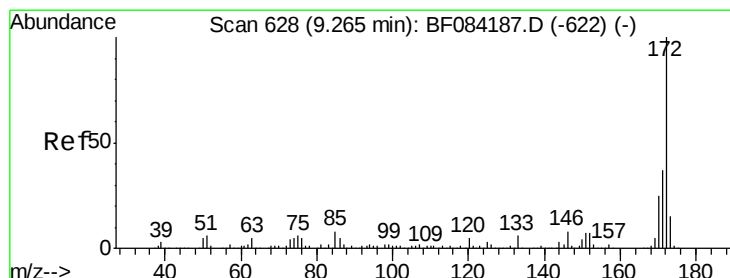
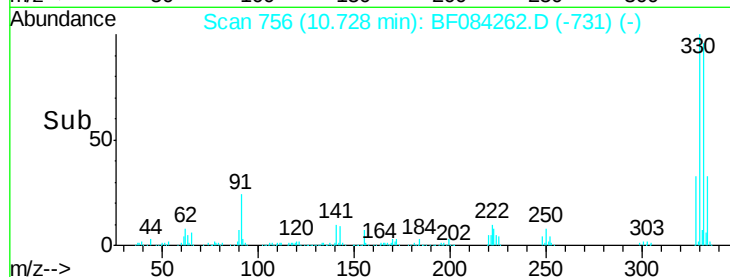
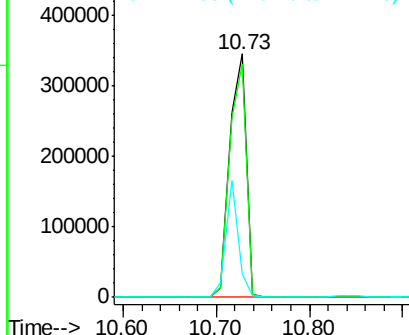
330 100

332 96.7 76.6 114.8

141 35.5 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: 62.92 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

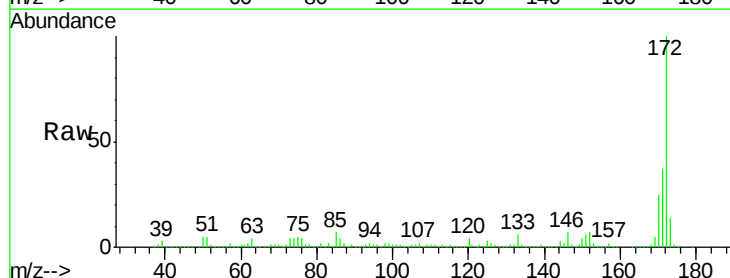
Tgt Ion:172 Resp: 1875124

Ion Ratio Lower Upper

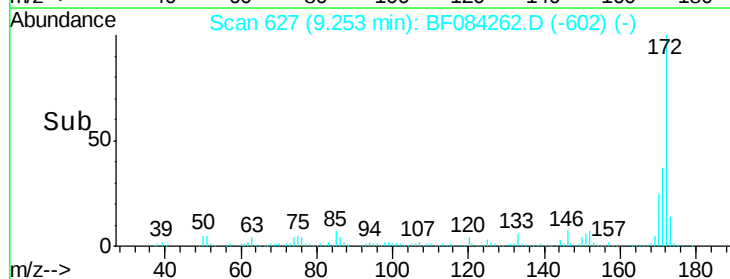
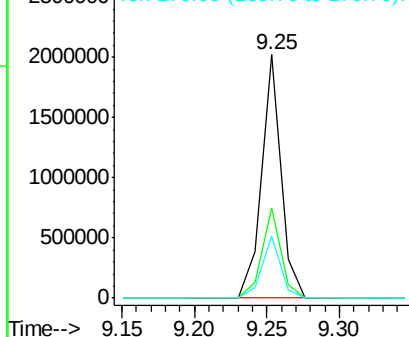
172 100

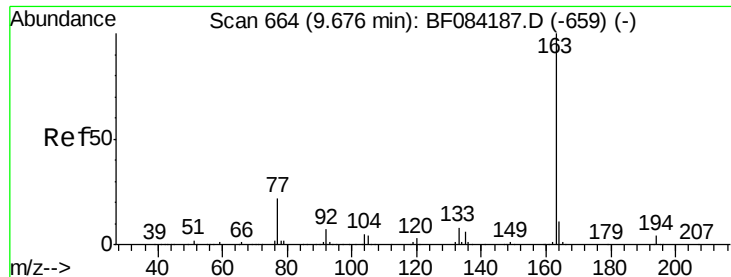
171 36.9 28.9 43.3

170 25.3 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: 9.76 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Instrument :

BNA_F

ClientSampleId :

W-30

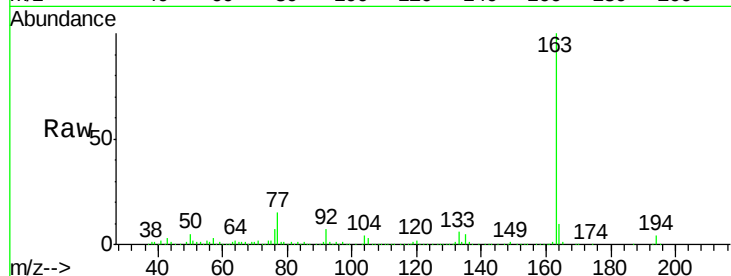
Tot Ion:163 Resp: 356441

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

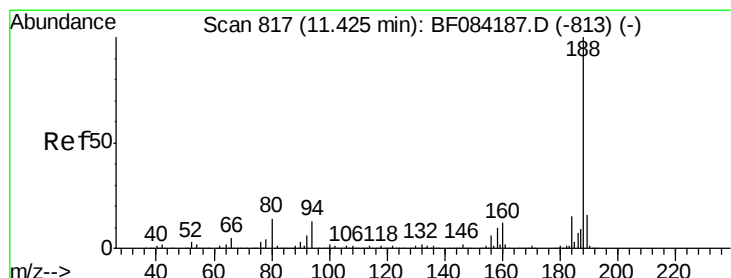
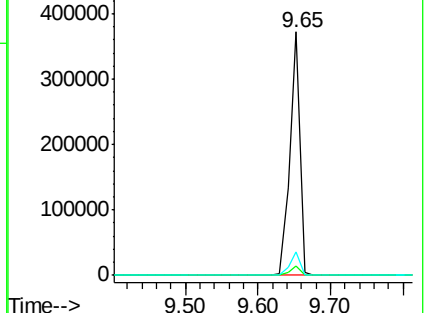
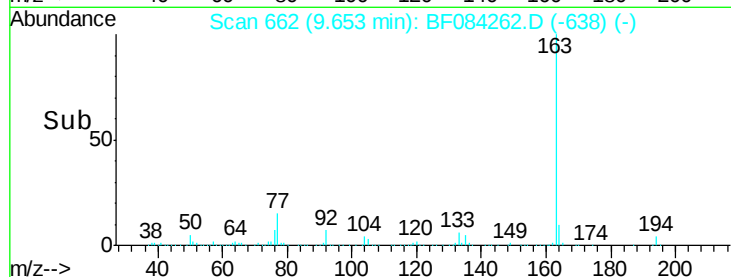
164 9.6 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

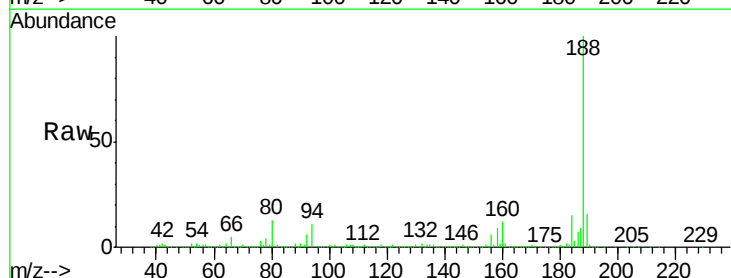
Tgt Ion:188 Resp: 877997

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

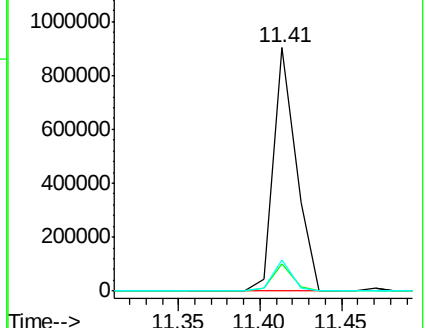
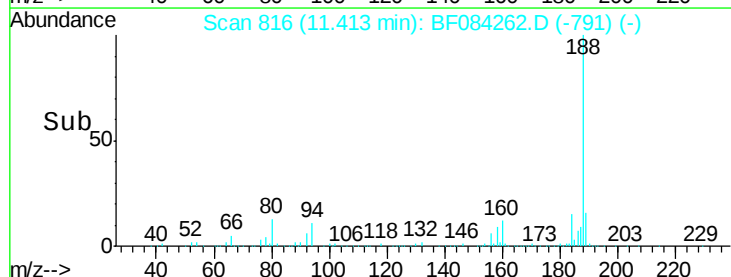
80 12.8 9.6 14.4

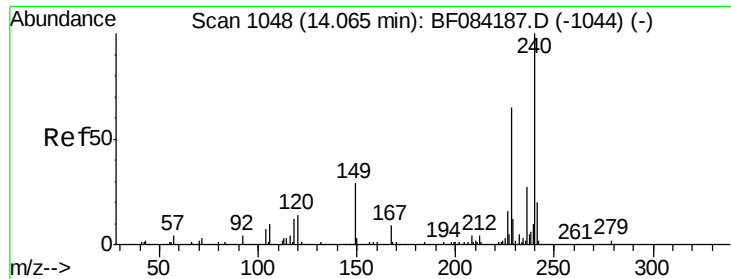


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

Instrument :

BNA_F

ClientSampleId :

W-30

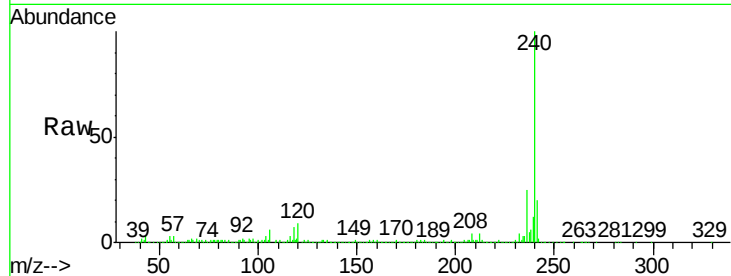
Tot Ion:240 Resp: 607012

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

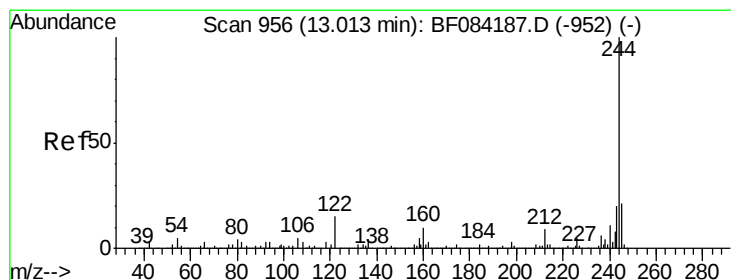
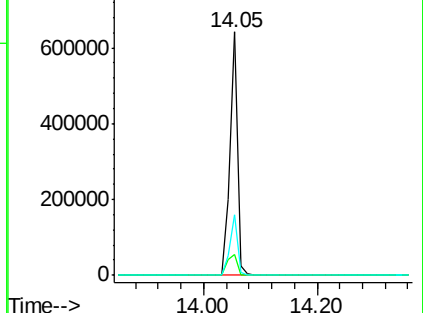
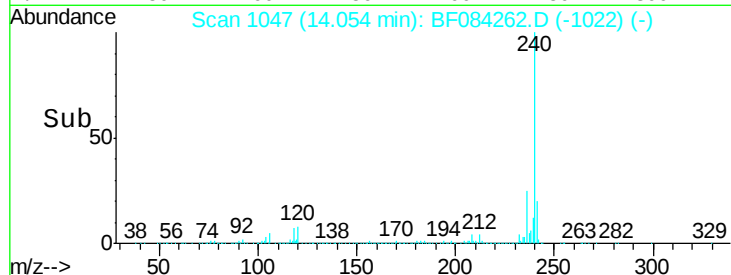
236 24.8 20.6 31.0



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: 47.00 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084262.D

Acq: 5 Jan 2016 3:40

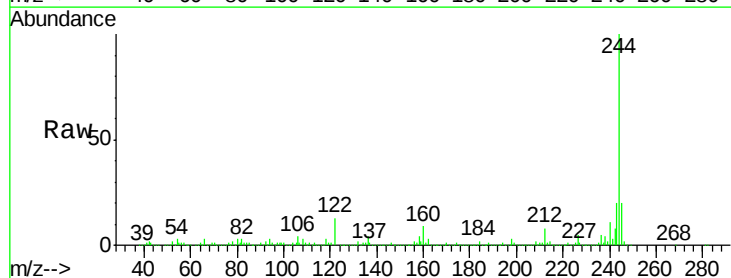
Tgt Ion:244 Resp: 1278229

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

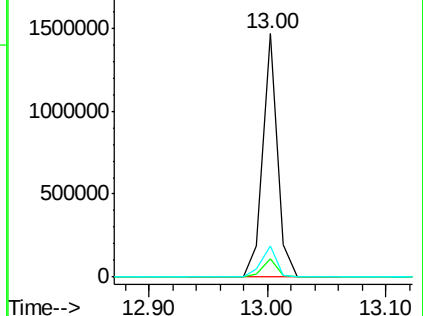
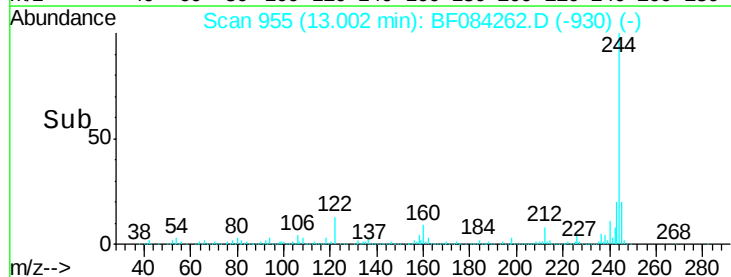
122 13.0 7.4 11.0#

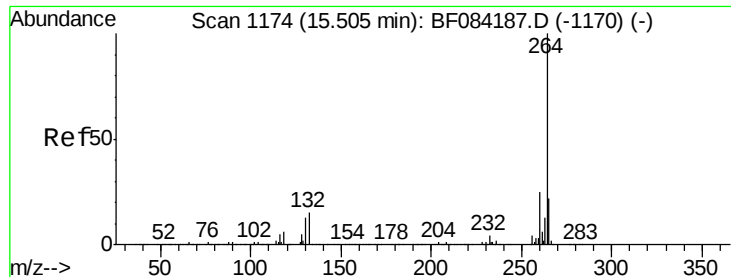


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

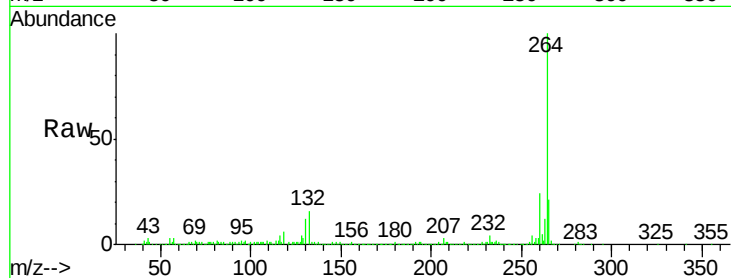




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084262.D
 Acq: 5 Jan 2016 3:40

Instrument :
 BNA_F
 ClientSampleId :
 W-30

Tot Ion: 264 Resp: 563200
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.4 17.8 26.6



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

