

Data Path : Z:\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 :
 SB-3-1635BGS

Quant Time: Jan 16 04:25:24 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

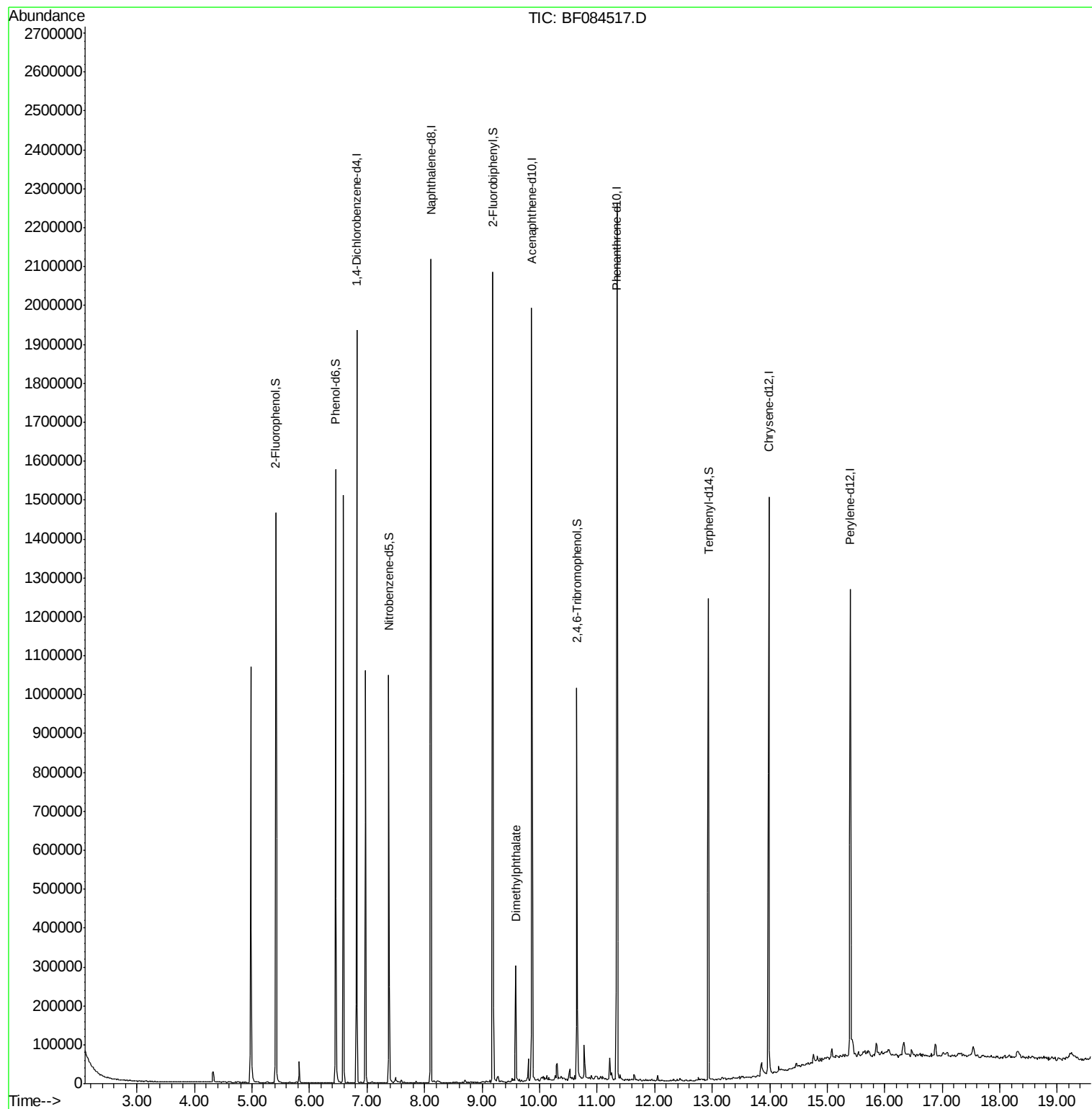
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258848	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1053237	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	448087	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	763647	20.00	ng	0.00
75) Chrysene-d12	13.99	240	604029	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						
49) Dimethylphthalate	9.58	163	126646	3.95	ng	Qvalue # 91

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

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Quant Time: Jan 16 04:25:24 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 :

SB-3-1635BGS

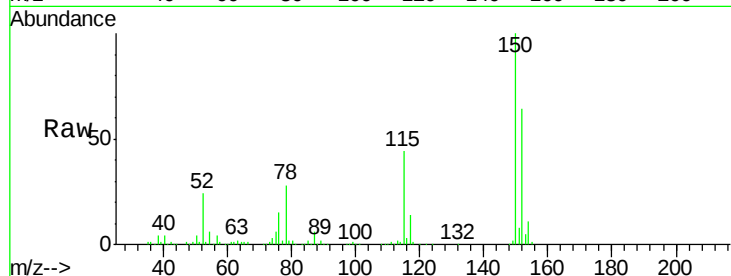
Tot Ion:152 Resp: 258848

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

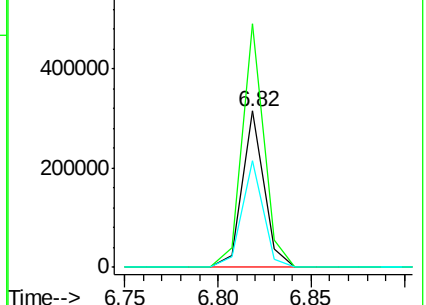
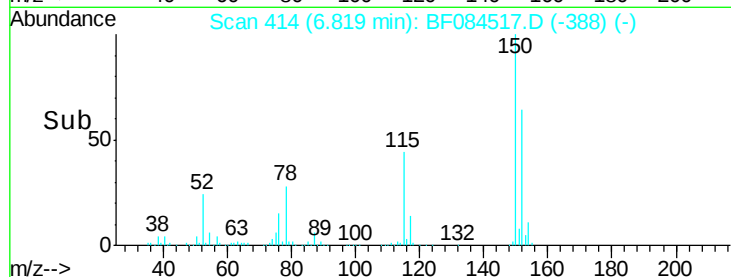
115 68.4 51.4 77.2



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: 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

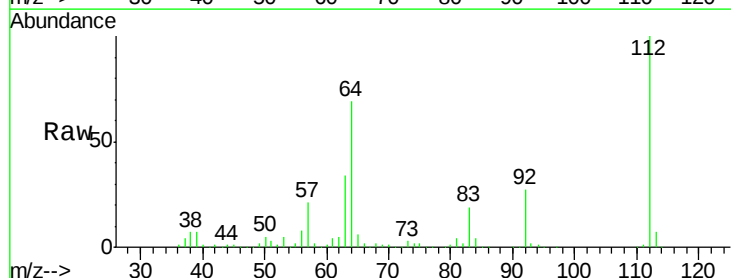
Tgt Ion:112 Resp: 432630

Ion Ratio Lower Upper

112 100

64 68.6 36.6 55.0#

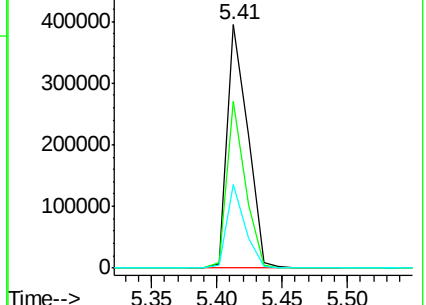
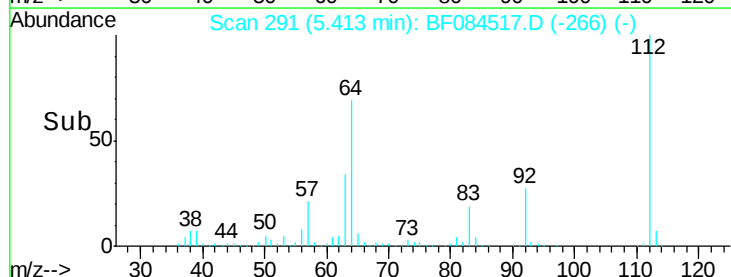
63 34.2 19.4 29.0#



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: 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 :

SB-3-1635BGS

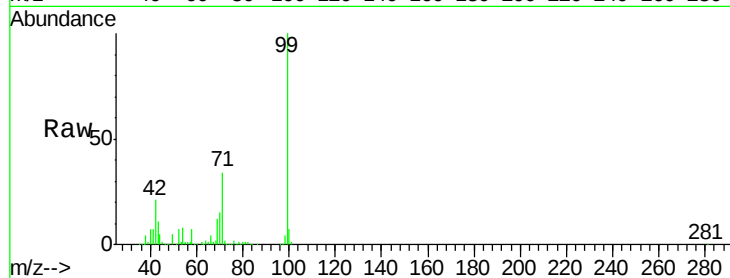
Tot Ion: 99 Resp: 535066

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

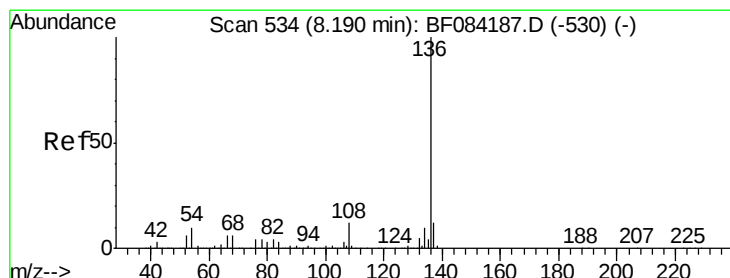
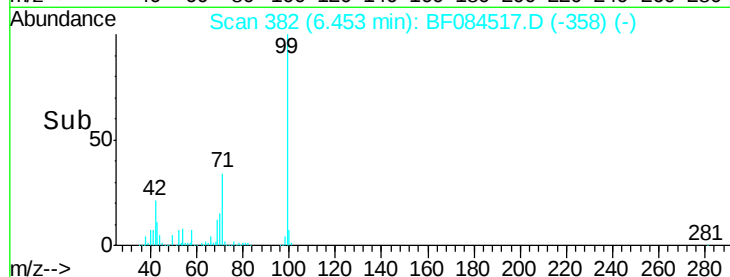
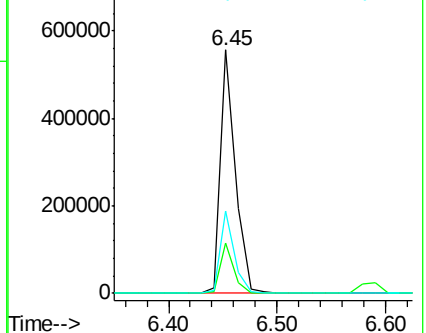
71 34.0 30.9 46.3



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



#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

Tgt Ion: 136 Resp: 1053237

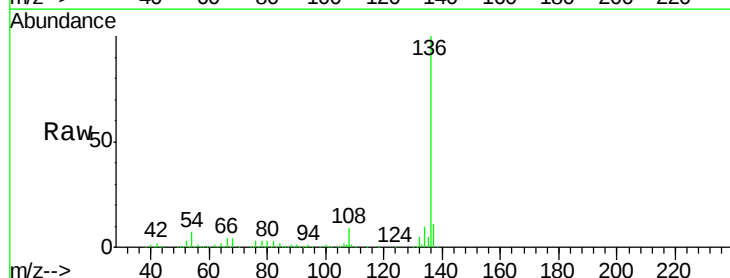
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.8 5.8 8.8

68 4.5 4.2 6.2

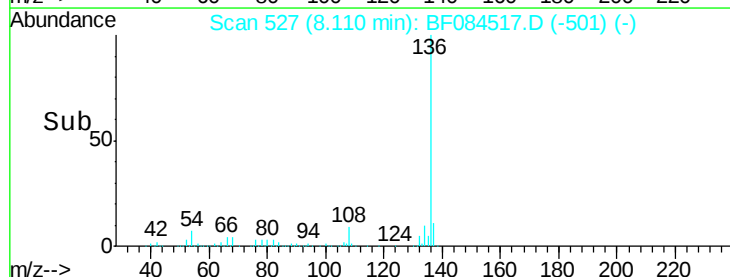
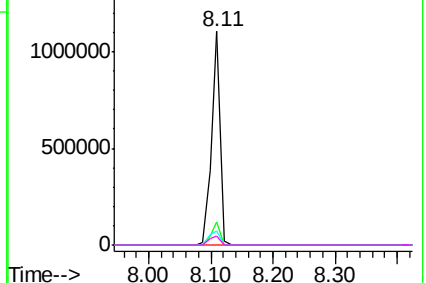


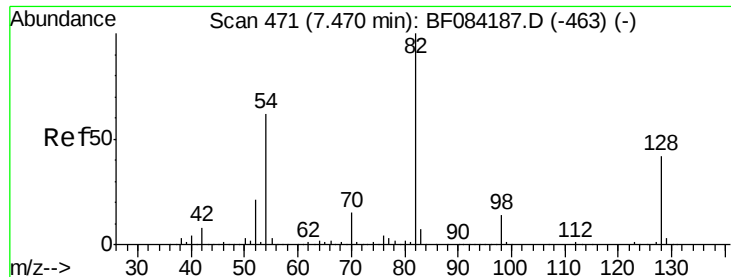
Abundance Ion 136.00 (135.70 to 136.70): E

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

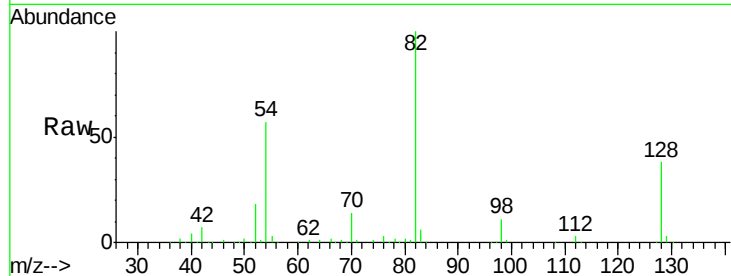




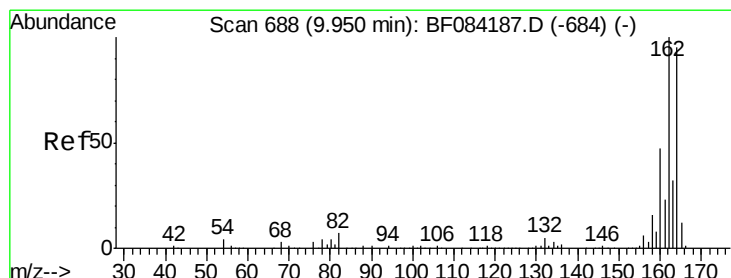
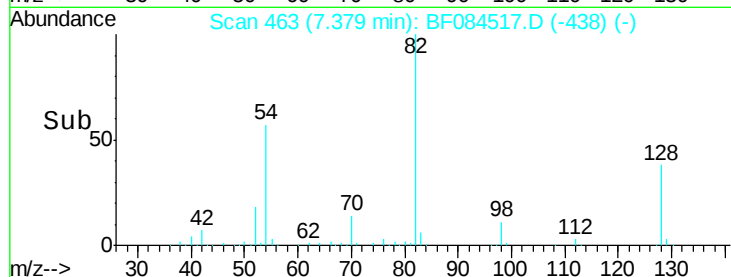
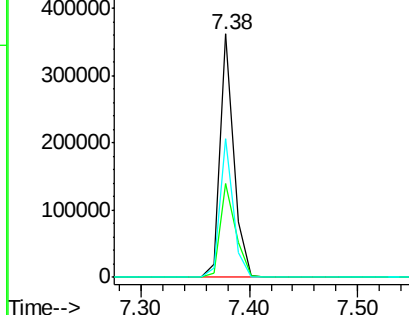
#23
Nitrobenzene-d5
Concen: 17.03 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Instrument :
BNA_F
ClientSampleId :
SB-3-1635BGS

Tot Ion	82	Resp	322341
Ion Ratio	100	Lower	Upper
128	38.3	34.6	51.8
54	56.9	38.4	57.6

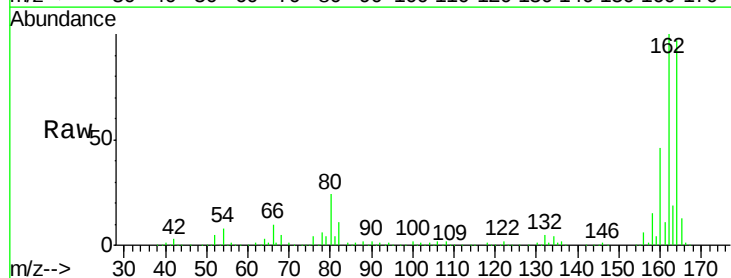


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

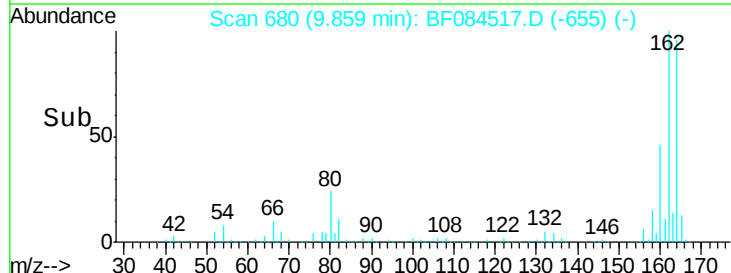
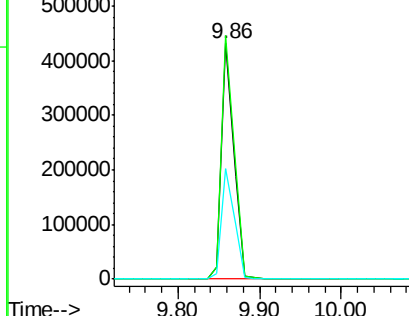


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084517.D
Acq: 16 Jan 2016 3:57

Tgt Ion	164	Resp	448087
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
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

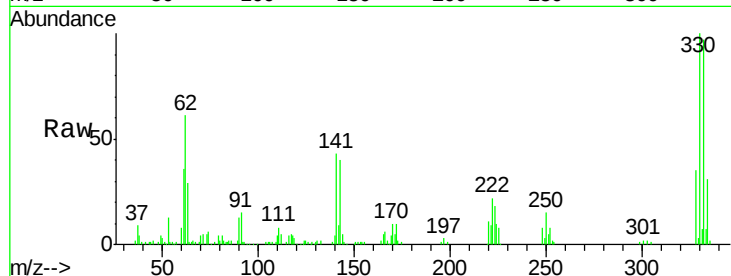




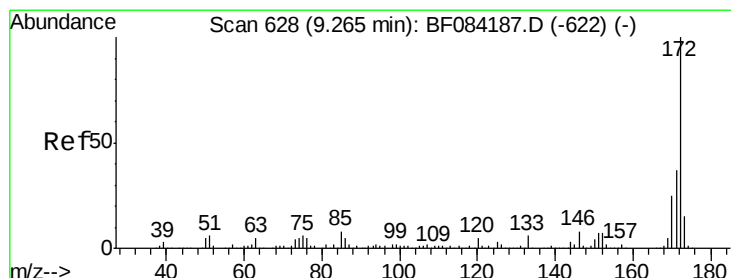
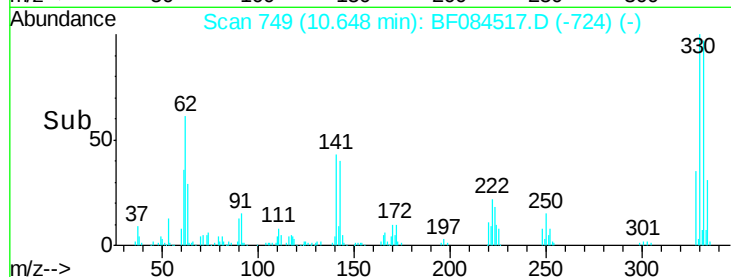
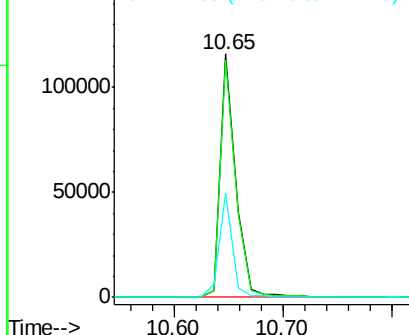
#41
 2,4,6-Tribromophenol
 Concen: 25.37 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084517.D
 Acq: 16 Jan 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-1635BGS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	37.2	27.8	41.6

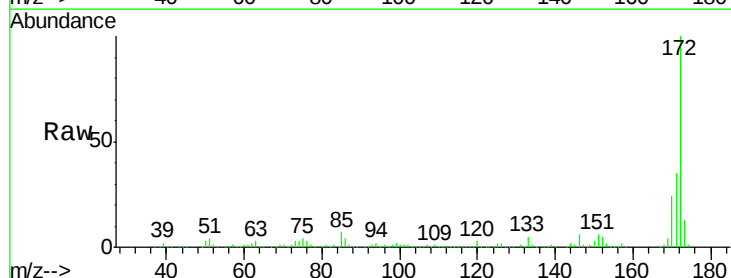


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

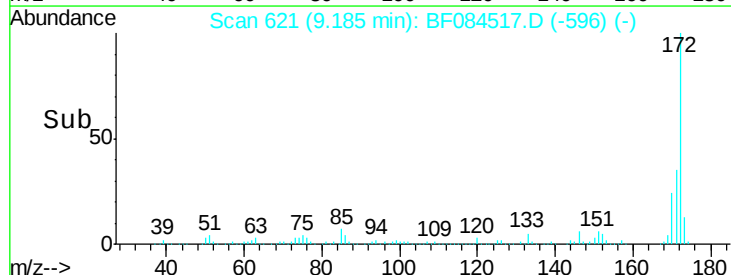
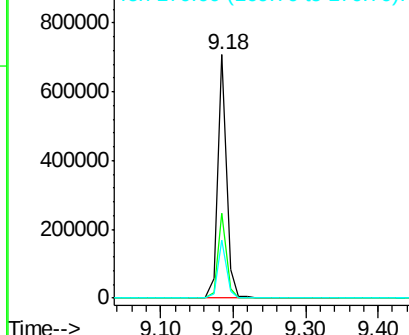


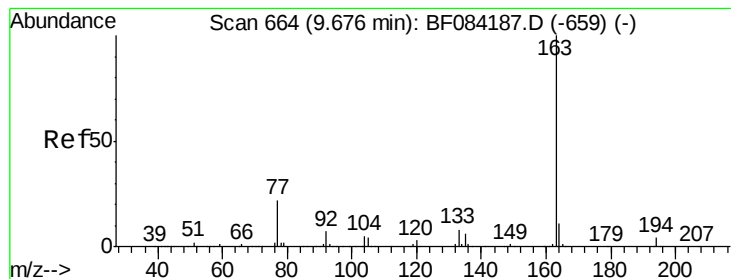
#44
 2-Fluorobiphenyl
 Concen: 18.44 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084517.D
 Acq: 16 Jan 2016 3:57

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SB-3-1635BGS

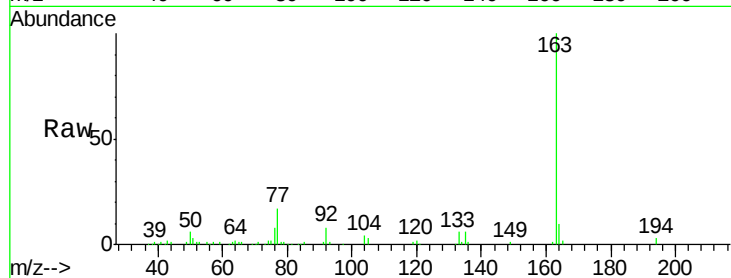
Tot Ion:163 Resp: 126646

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

200000

150000

100000

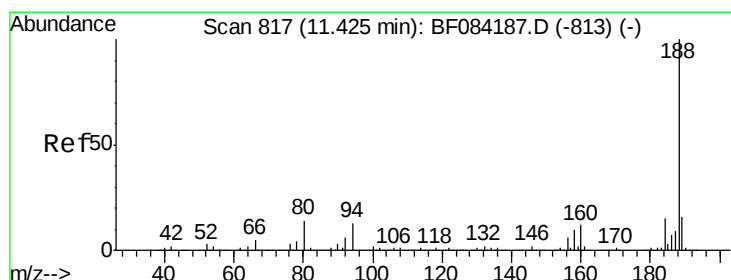
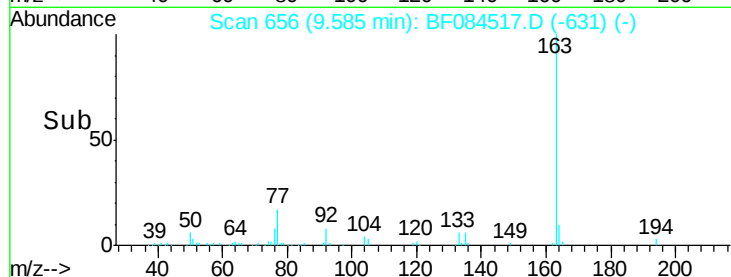
50000

0

9.58

9.50 9.60 9.70

Time-->



#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

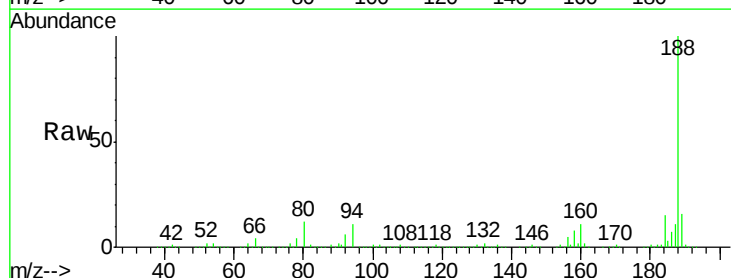
Tgt Ion:188 Resp: 763647

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

80 11.7 9.6 14.4



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

1200000

1000000

800000

600000

400000

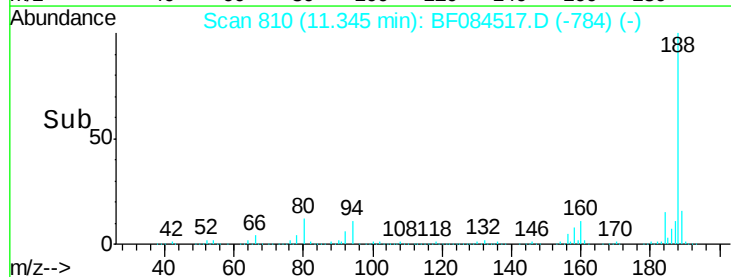
200000

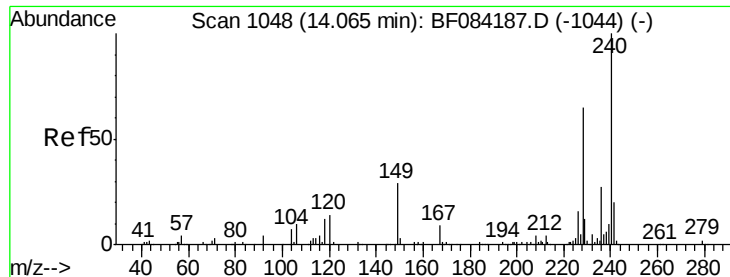
0

11.34

11.30 11.35 11.40

Time-->





#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 :

SB-3-1635BGS

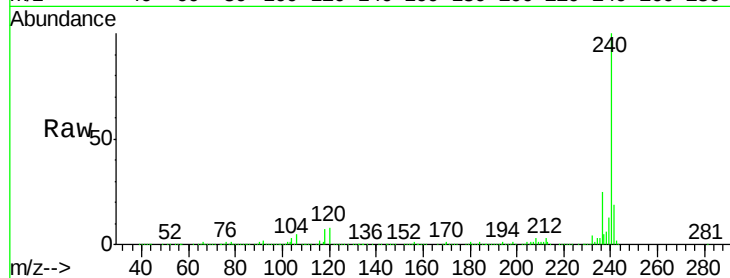
Tot Ion:240 Resp: 604029

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

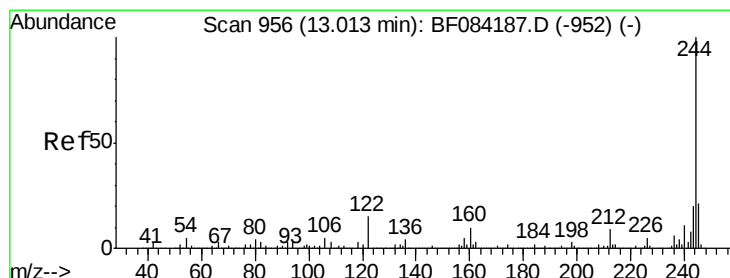
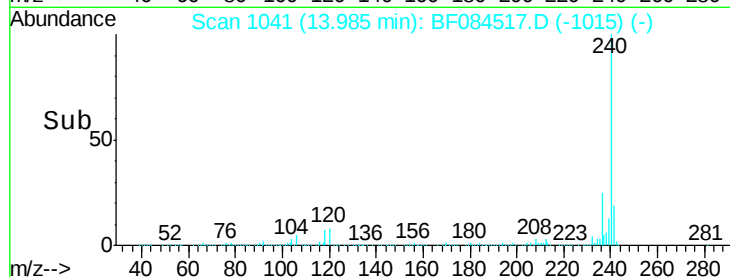
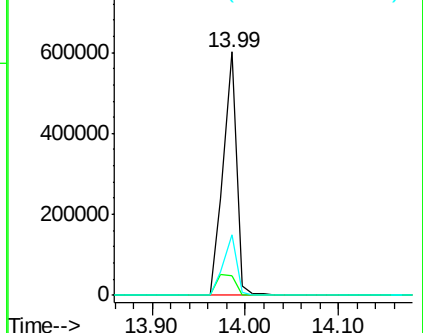
236 24.9 20.6 31.0



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

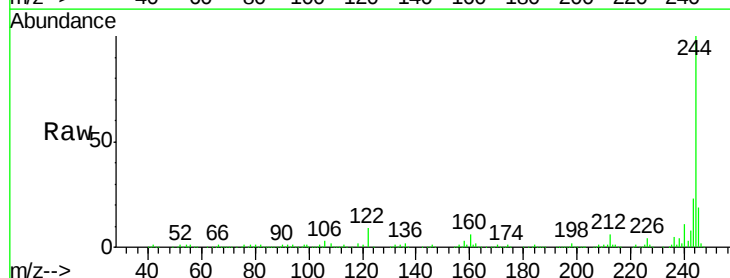
Tgt Ion:244 Resp: 416198

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

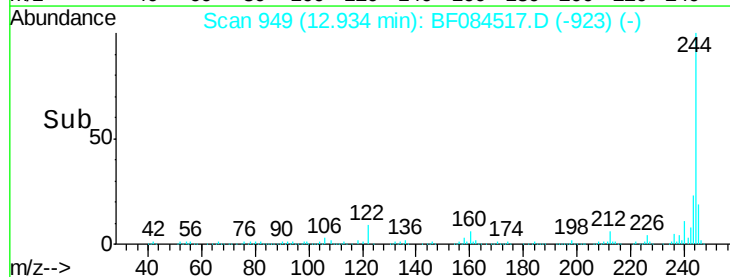
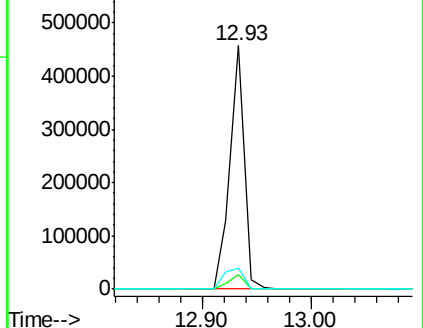
122 8.7 7.4 11.0

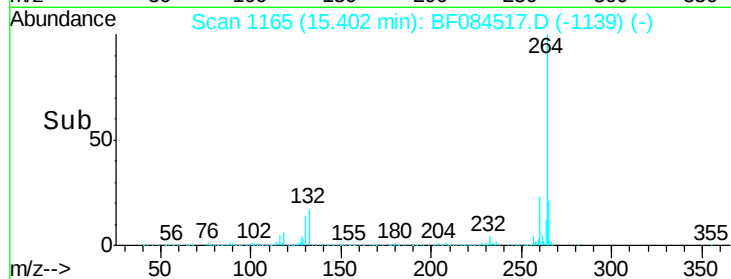
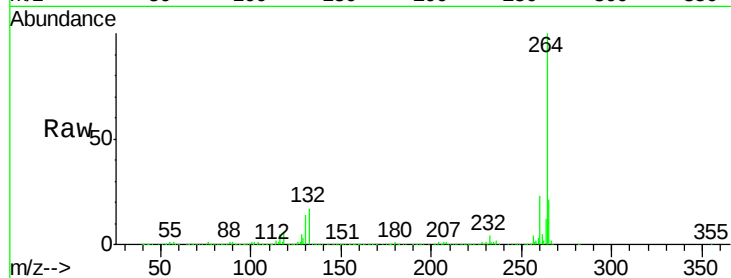
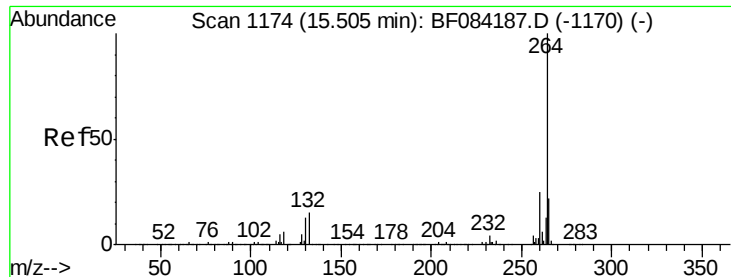


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

SB-3-1635BGS

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

