

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084239.D
 Acq On : 4 Jan 2016 15:22
 Operator : UM/SJ
 Sample : G4981-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0533

Quant Time: Jan 05 06:20:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

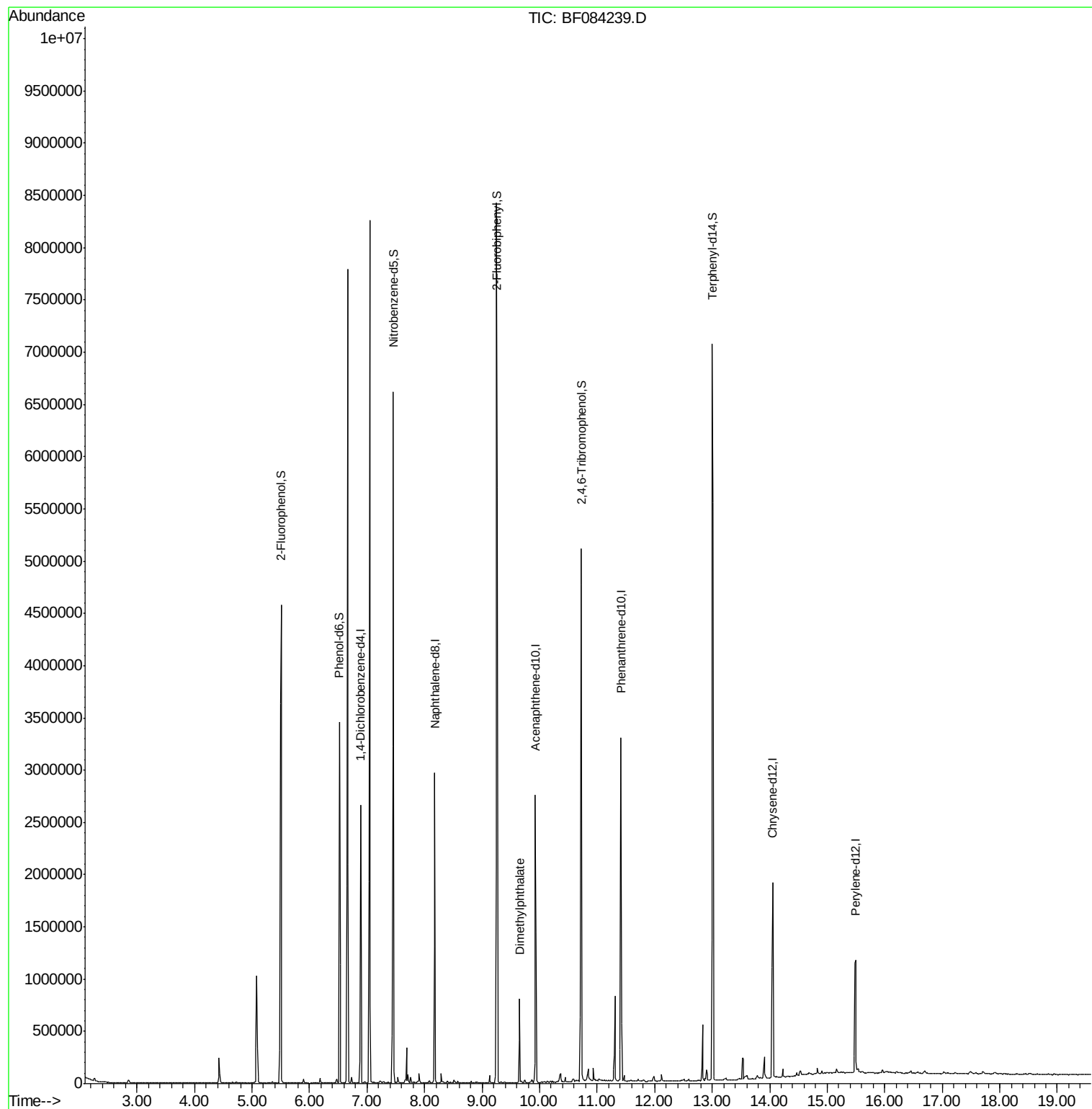
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	339356	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1430623	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	609169	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	1073130	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	764763	20.00	ng	-0.01
86) Perylene-d12	15.49	264	624987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1600650	76.29	ng	0.01
7) Phenol-d6	6.52	99	1148545	43.59	ng	-0.01
23) Nitrobenzene-d5	7.46	82	2288441	89.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	894942	145.52	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	3567041	104.46	ng	-0.01
78) Terphenyl-d14	13.00	244	3080638	89.92	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.65	163	385069	8.84	ng	Qvalue # 91

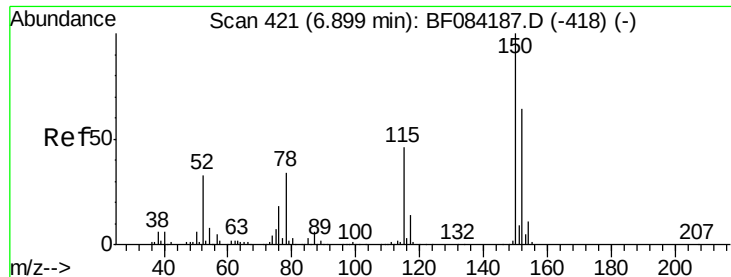
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 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: BF084239.D

Acq: 4 Jan 2016 15:22

Instrument :

BNA_F

ClientSampleId :

S8-0533

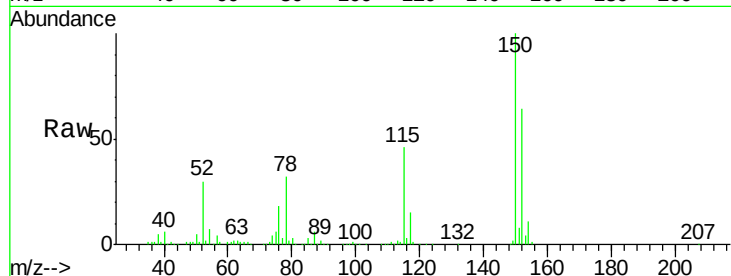
Tot Ion:152 Resp: 339356

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

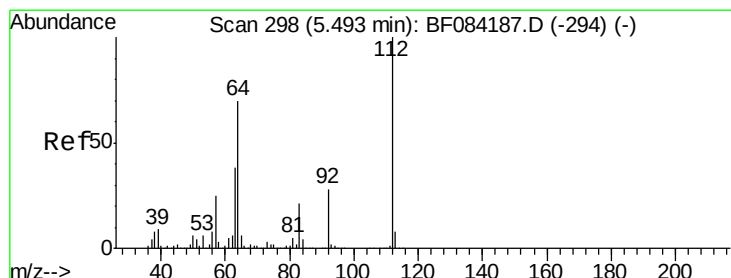
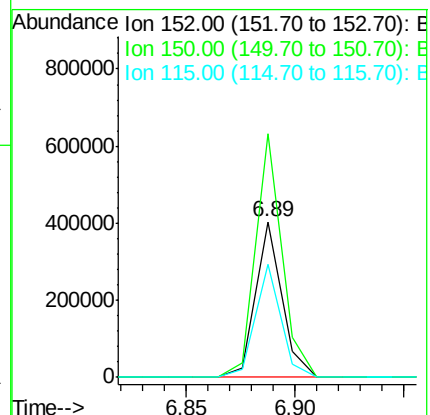
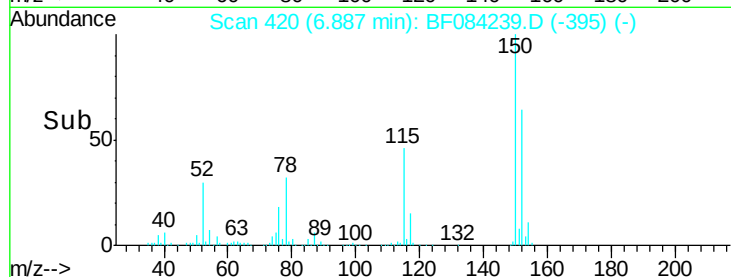
115 72.5 51.4 77.2



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: 76.29 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

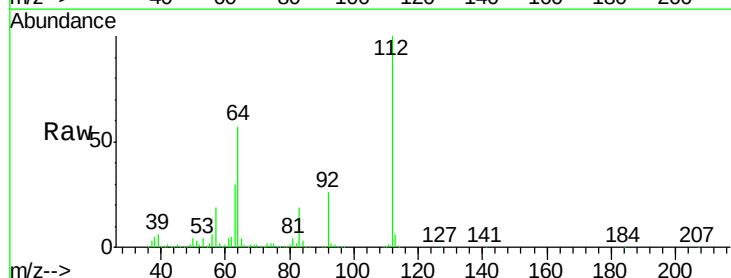
Tgt Ion:112 Resp: 1600650

Ion Ratio Lower Upper

112 100

64 56.7 36.6 55.0#

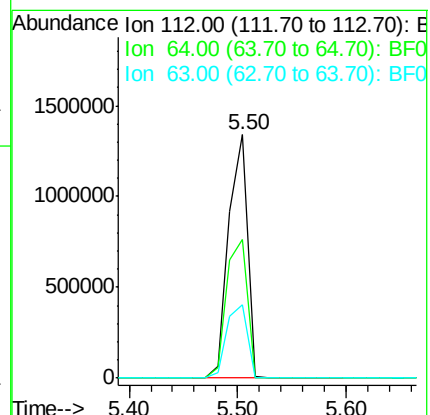
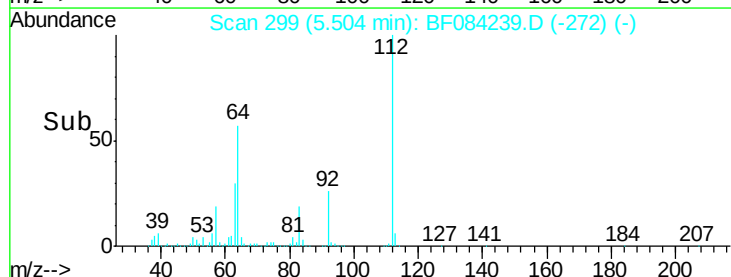
63 30.0 19.4 29.0#

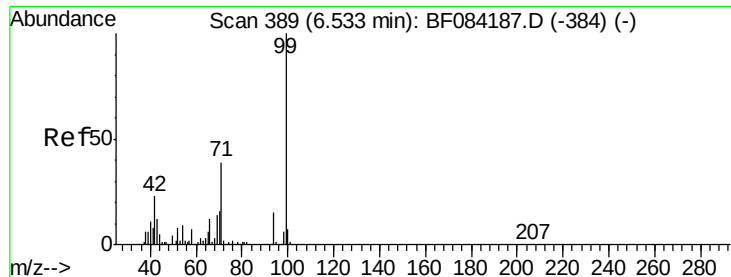


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.59 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

Instrument :

BNA_F

ClientSampled :

S8-0533

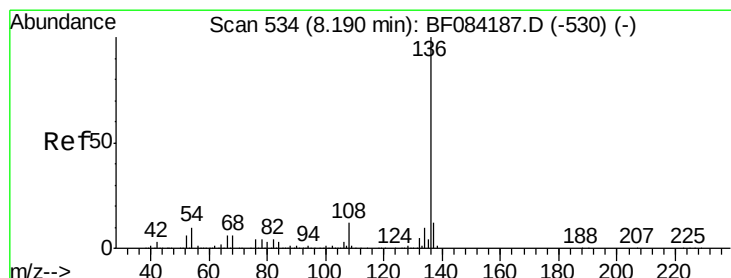
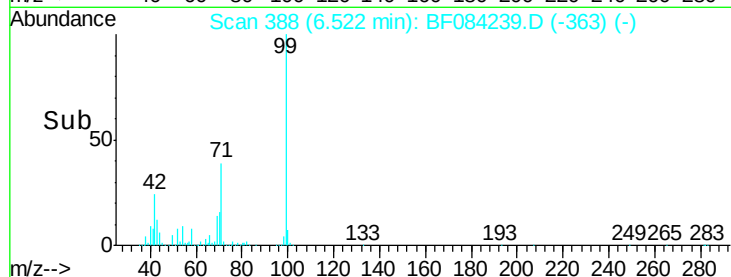
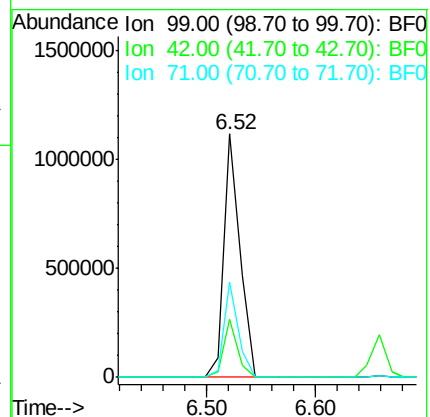
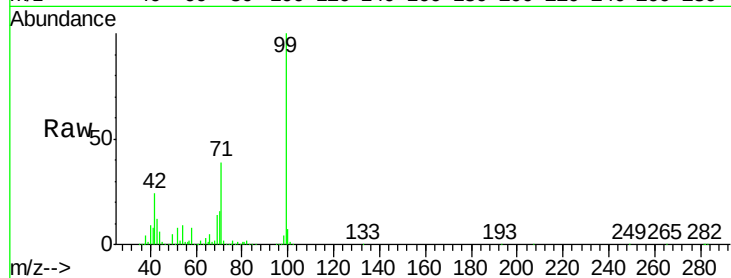
Tot Ion: 99 Resp: 1148545

Ion Ratio Lower Upper

99 100

42 24.0 12.8 19.2#

71 38.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

Tgt Ion: 136 Resp: 1430623

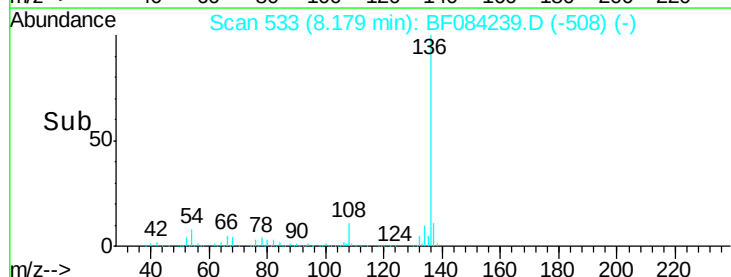
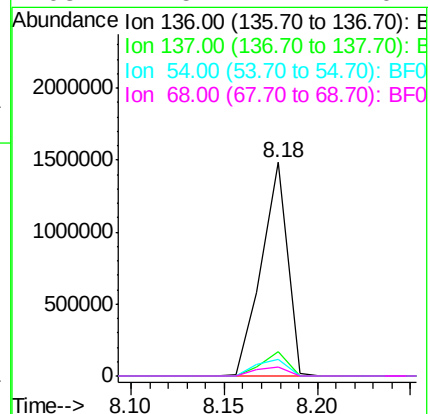
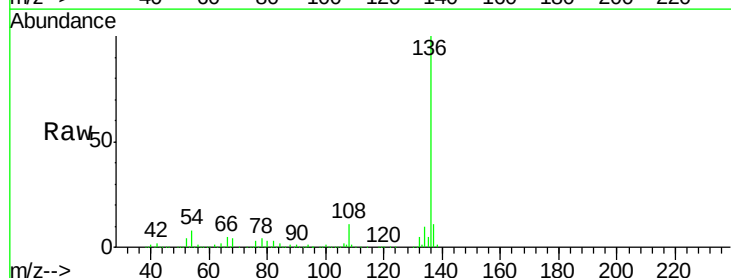
Ion Ratio Lower Upper

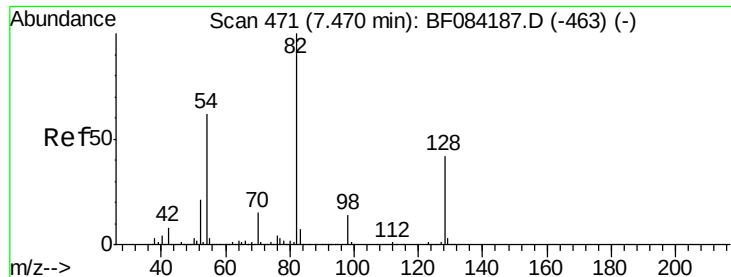
136 100

137 11.5 8.7 13.1

54 7.7 5.8 8.8

68 4.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 89.03 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

Instrument :

BNA_F

ClientSampleId :

S8-0533

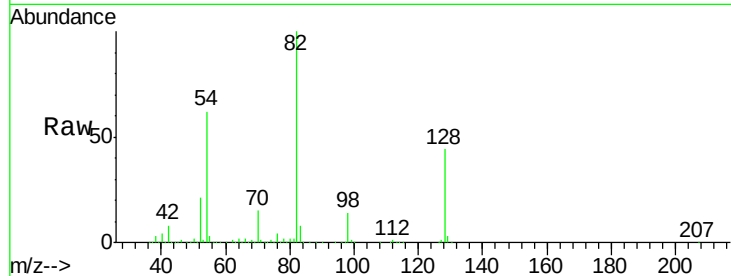
Tot Ion: 82 Resp: 2288441

Ion Ratio Lower Upper

82 100

128 43.6 34.6 51.8

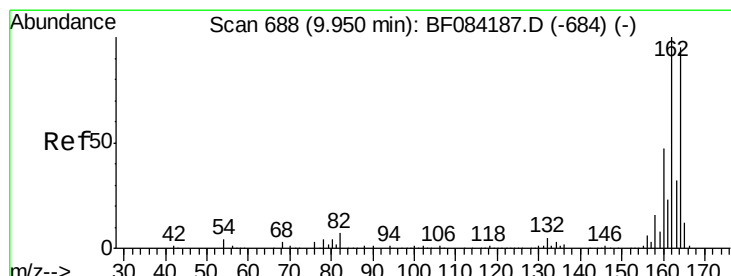
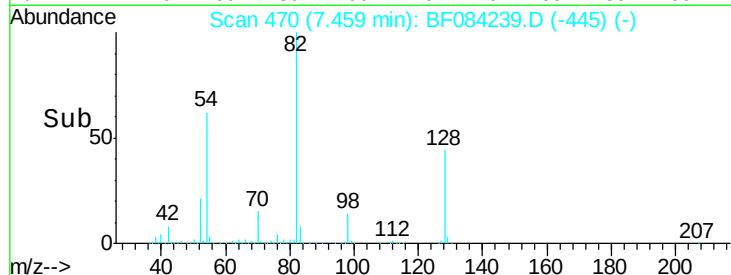
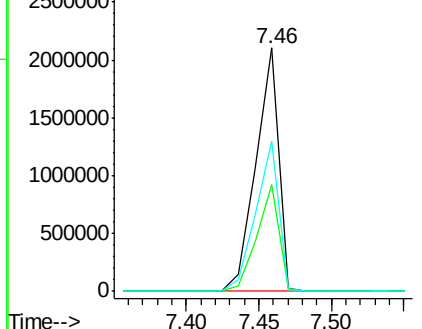
54 61.5 38.4 57.6#



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: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

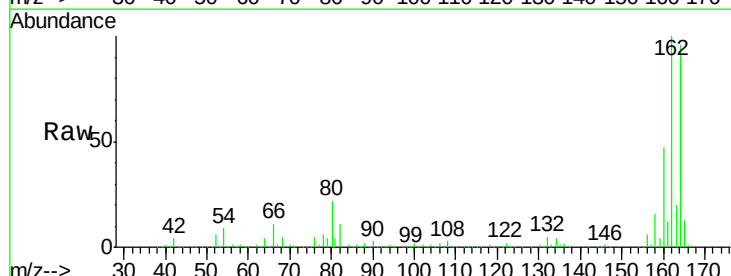
Tgt Ion:164 Resp: 609169

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

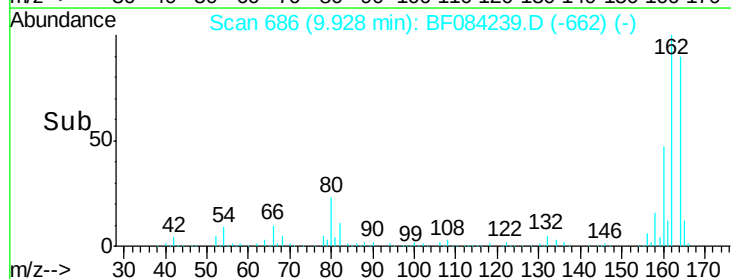
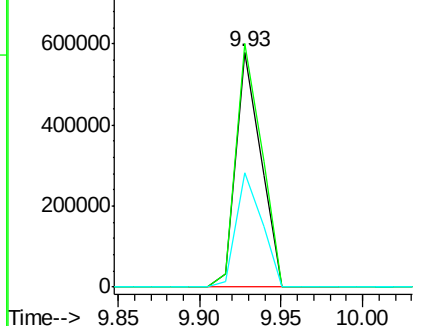
160 48.6 37.5 56.3

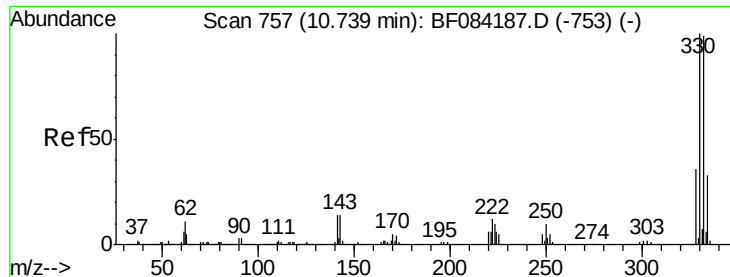


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

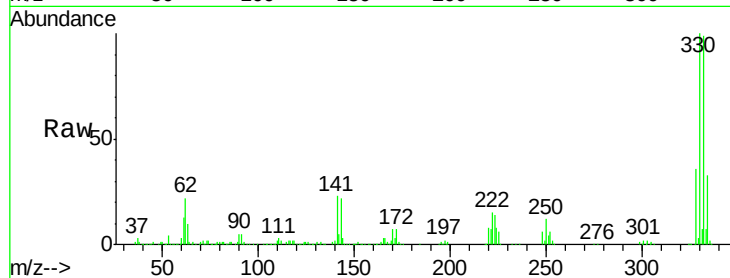




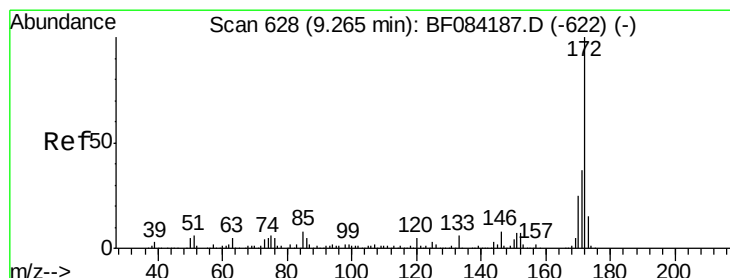
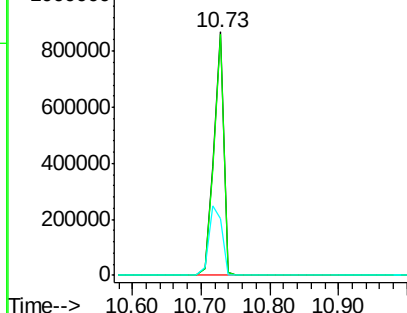
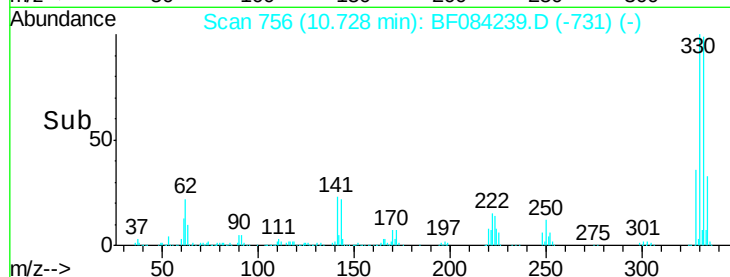
#41
 2,4,6-Tribromophenol
 Concen: 145.52 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084239.D
 Acq: 4 Jan 2016 15:22

Instrument :
 BNA_F
 ClientSampled :
 S8-0533

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	37.2	27.8	41.6

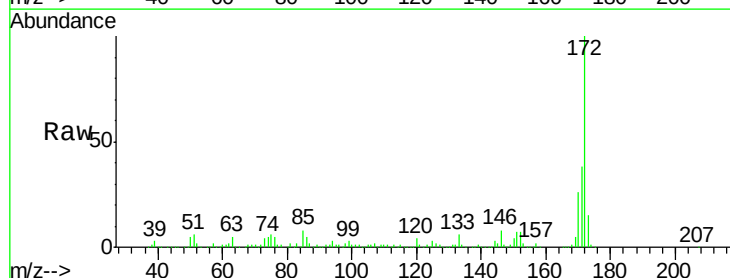


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

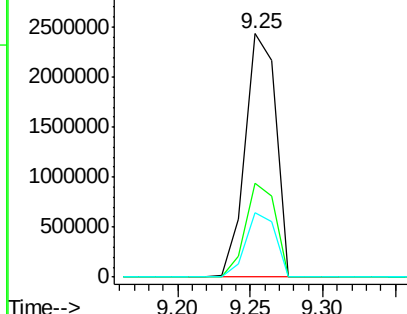
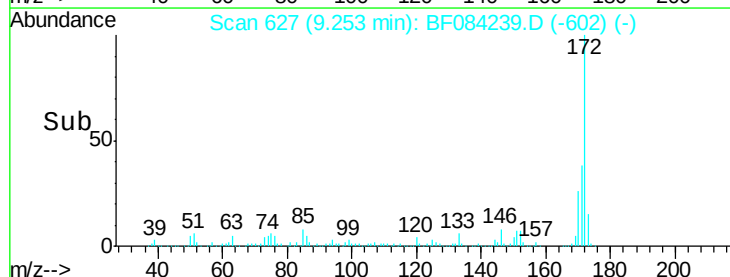


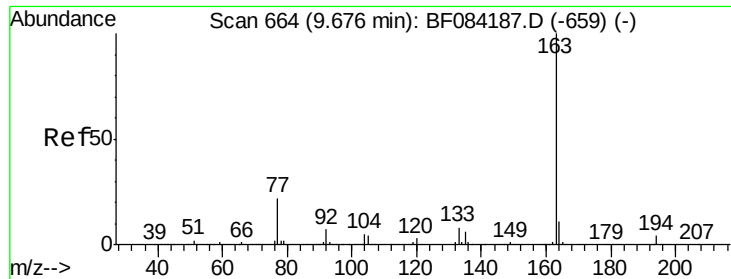
#44
 2-Fluorobiphenyl
 Concen: 104.46 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084239.D
 Acq: 4 Jan 2016 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	26.4	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: 8.84 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

Instrument :

BNA_F

ClientSampled :

S8-0533

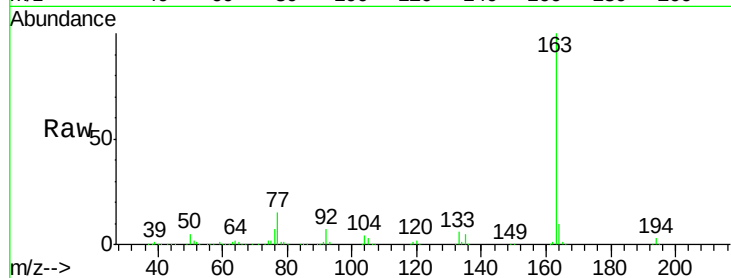
Tot Ion:163 Resp: 385069

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

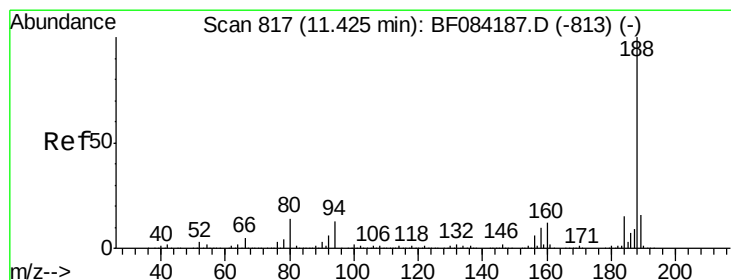
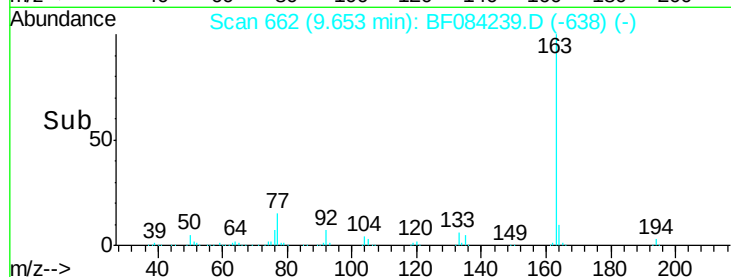
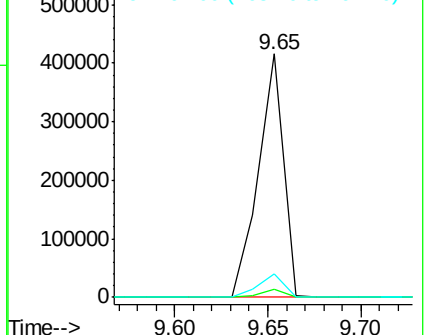
164 9.5 8.0 12.0



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: BF084239.D

Acq: 4 Jan 2016 15:22

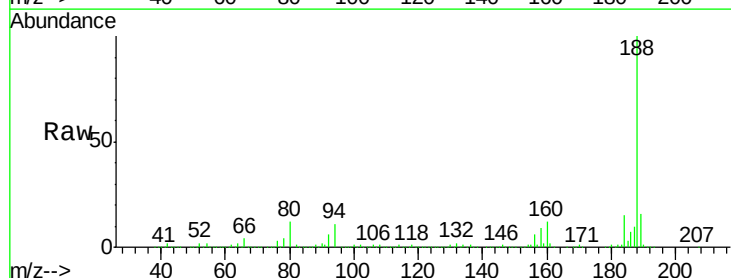
Tgt Ion:188 Resp: 1073130

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

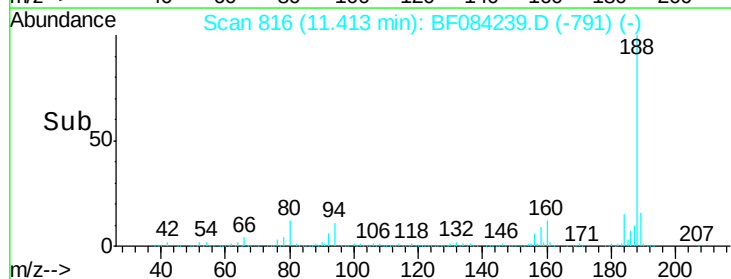
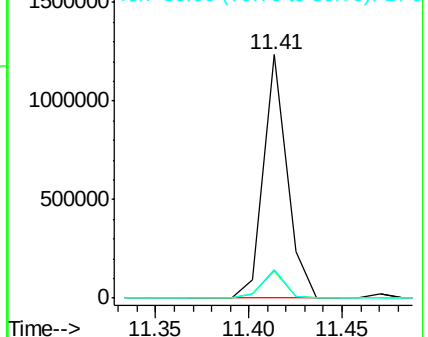
80 12.0 9.6 14.4

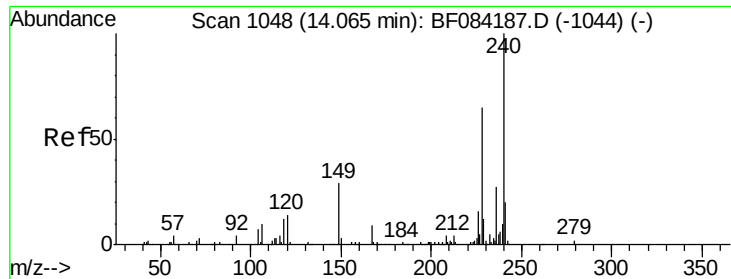


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084239.D

Acq: 4 Jan 2016 15:22

Instrument :

BNA_F

ClientSampleId :

S8-0533

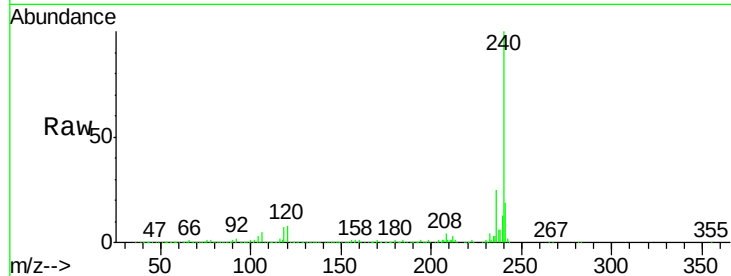
Tot Ion:240 Resp: 764763

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

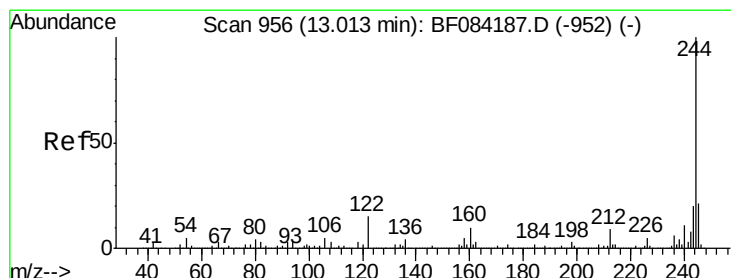
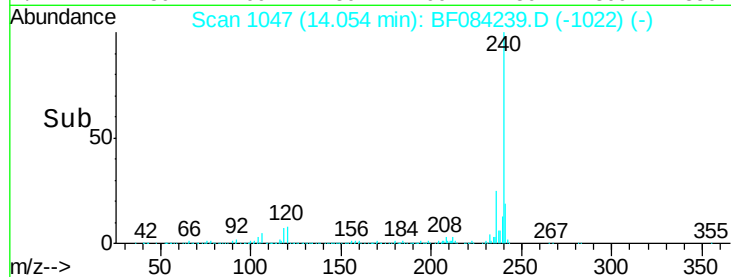
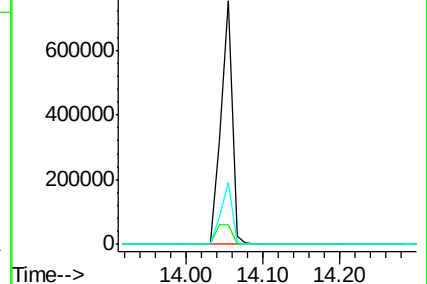
236 25.2 20.6 31.0



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: 89.92 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084239.D

Acq: 4 Jan 2016 15:22

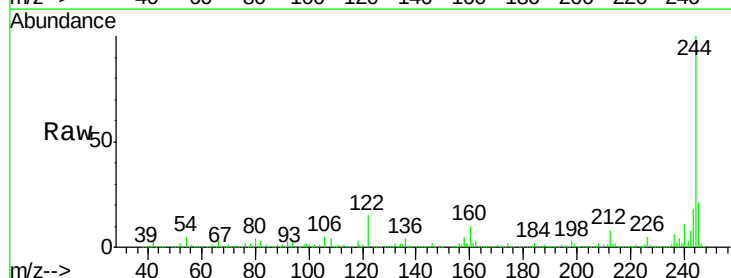
Tgt Ion:244 Resp: 3080638

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

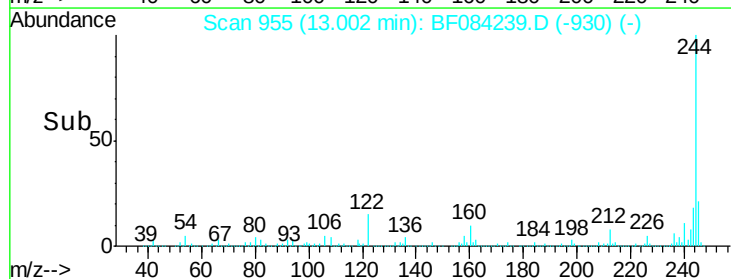
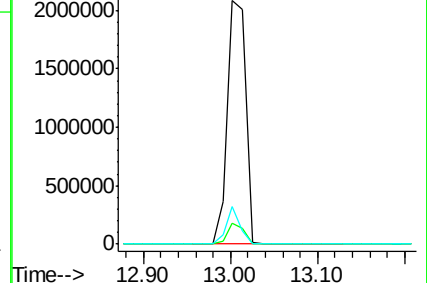
122 15.2 7.4 11.0#

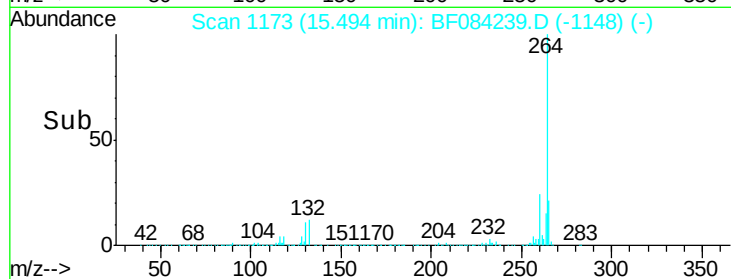
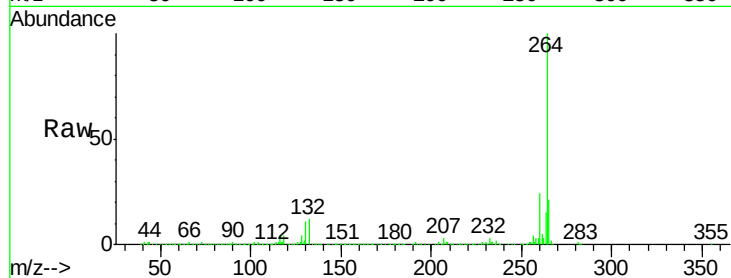
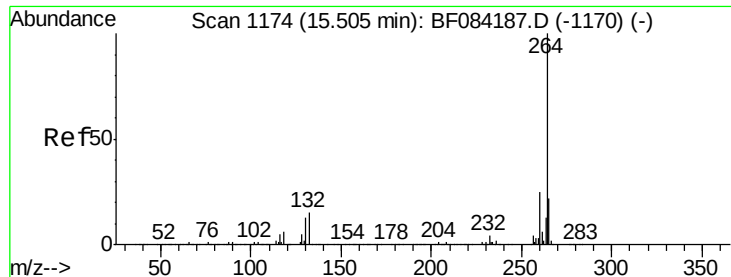


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084239.D
 Acq: 4 Jan 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 S8-0533

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.4	17.8	26.6

