

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084352.D
 Acq On : 10 Jan 2016 9:16
 Operator : SJ/UM
 Sample : H1043-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)

Quant Time: Jan 11 03:34:15 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

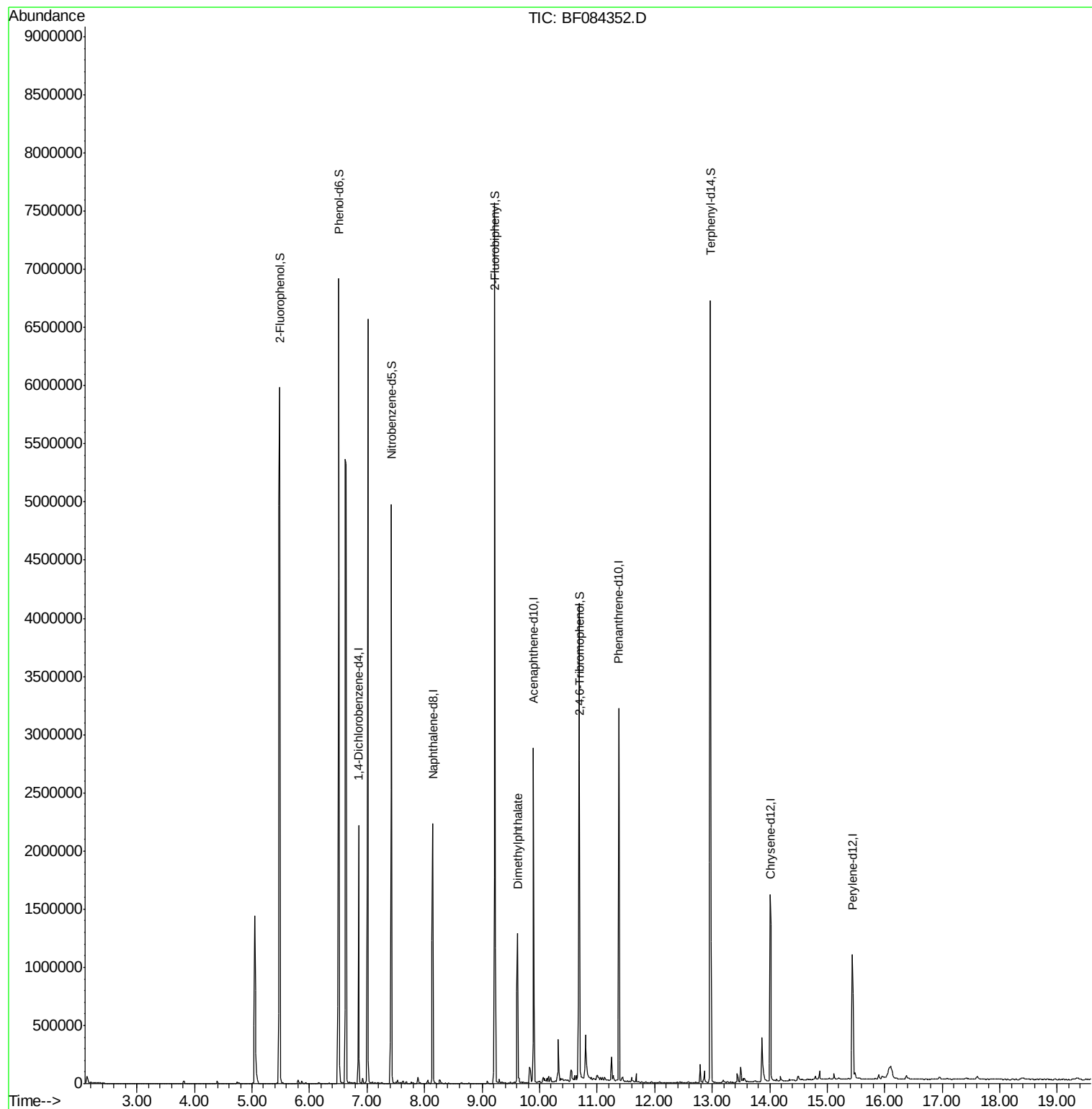
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	279551	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1195307	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	555289	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1037297	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	765865	20.00	ng	-0.05
86) Perylene-d12	15.44	264	561539	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2175416	125.87	ng	-0.01
7) Phenol-d6	6.51	99	2656541	122.39	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1782708	83.01	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	684947	122.18	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2302898	71.99	ng	-0.04
78) Terphenyl-d14	12.97	244	2124307	61.91	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.62	163	662684	16.69	ng	Qvalue # 91

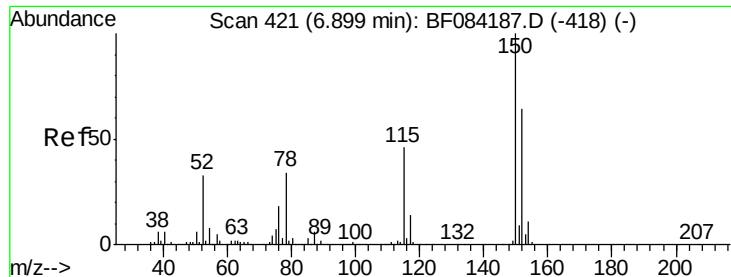
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)

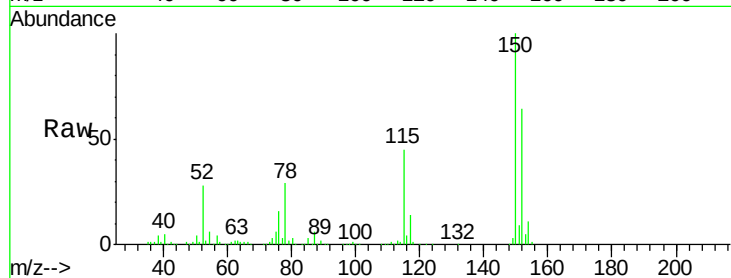
Tot Ion:152 Resp: 279551

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

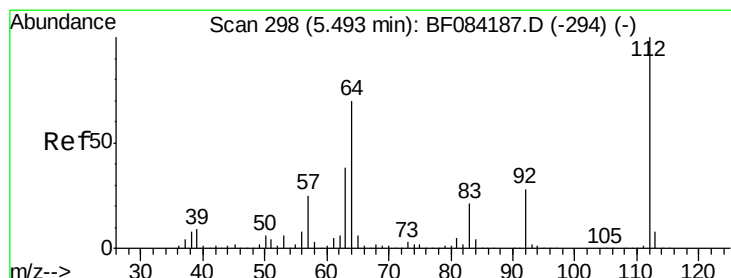
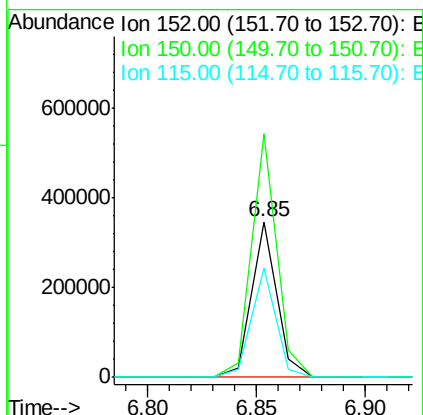
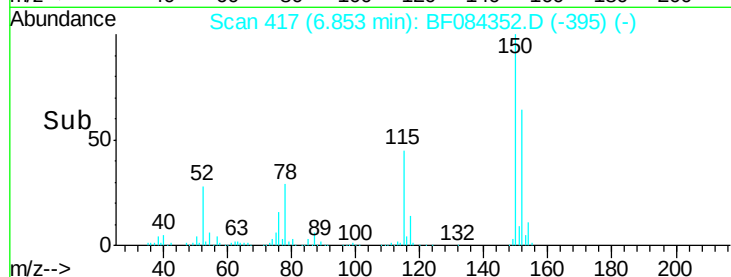
115 70.0 51.4 77.2



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: 125.87 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

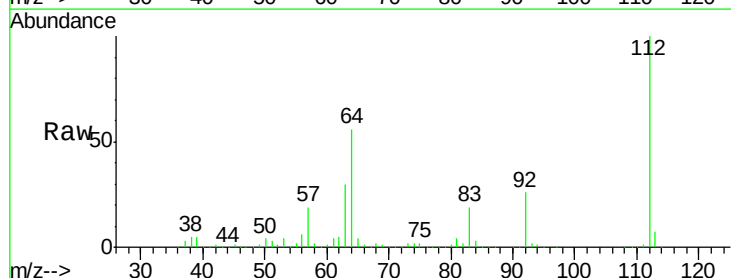
Tgt Ion:112 Resp: 2175416

Ion Ratio Lower Upper

112 100

64 56.2 36.6 55.0#

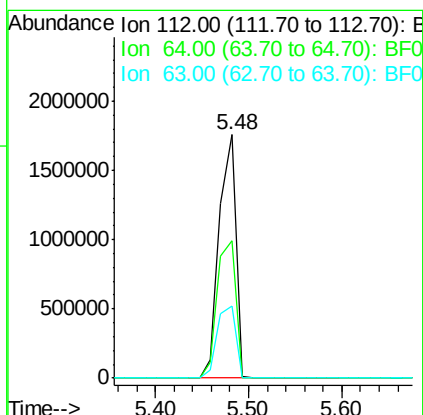
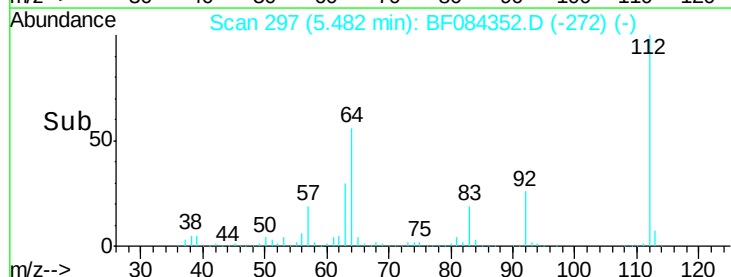
63 29.8 19.4 29.0#

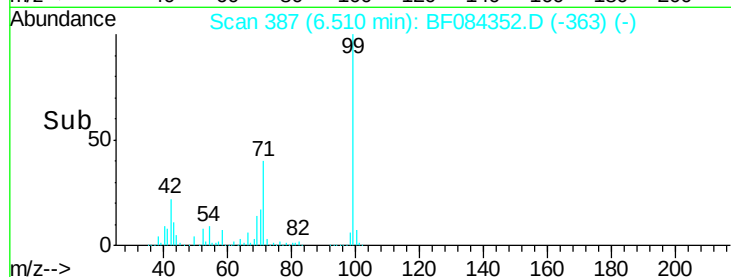
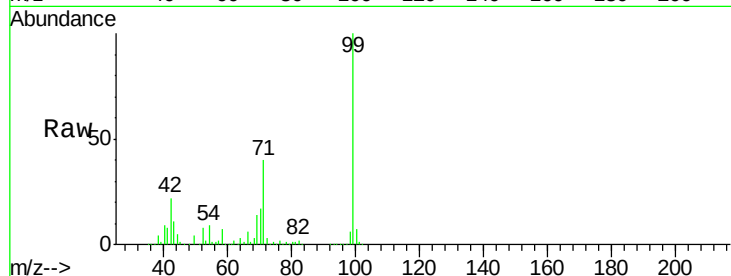
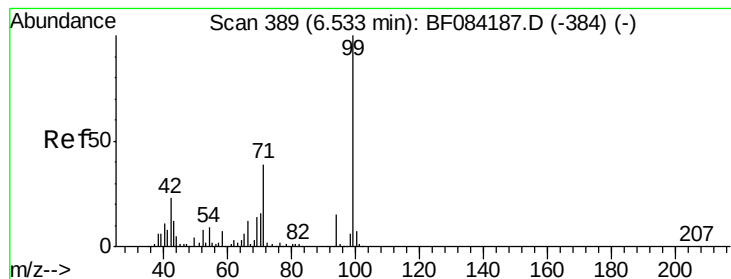


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.39 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)

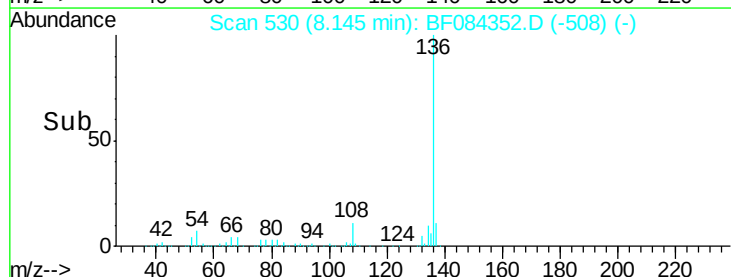
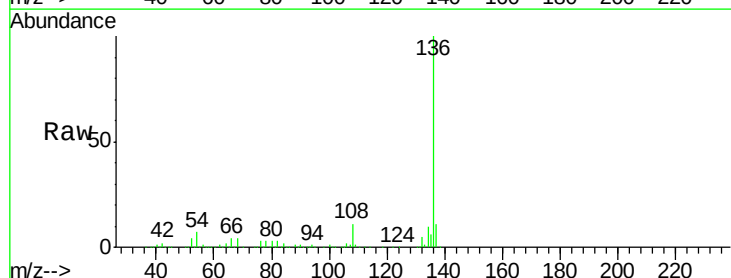
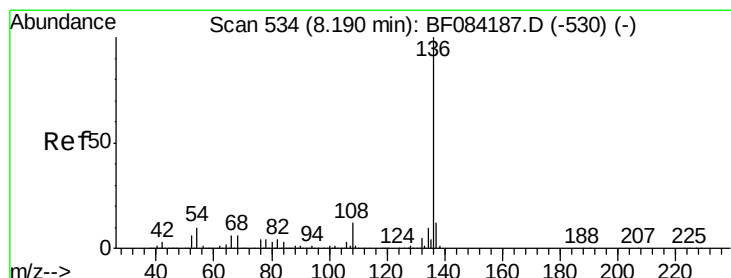
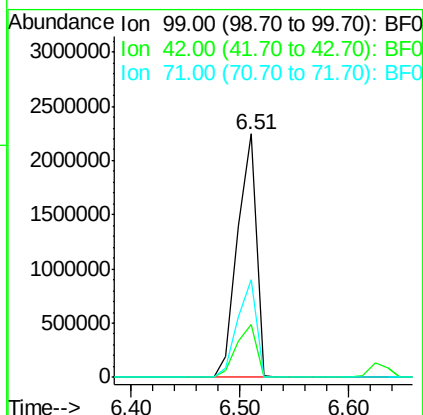
Tot Ion: 99 Resp: 2656541

Ion Ratio Lower Upper

99 100

42 21.8 12.8 19.2#

71 40.1 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

Tgt Ion:136 Resp: 1195307

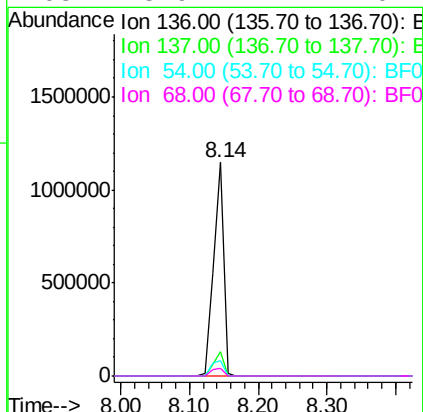
Ion Ratio Lower Upper

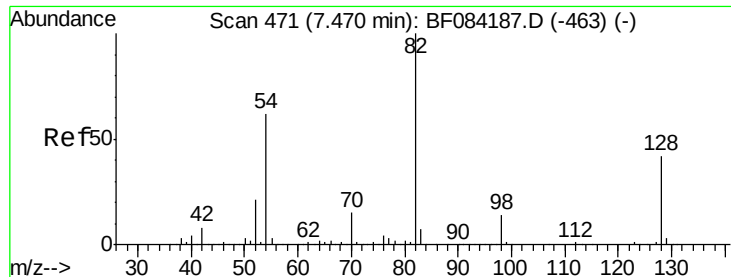
136 100

137 11.2 8.7 13.1

54 7.0 5.8 8.8

68 3.9 4.2 6.2#

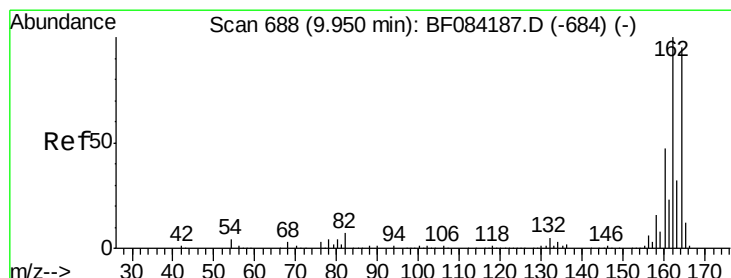
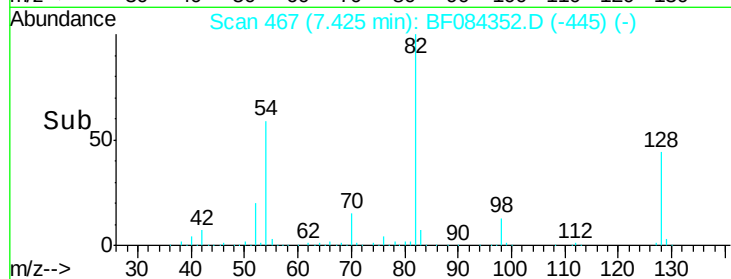
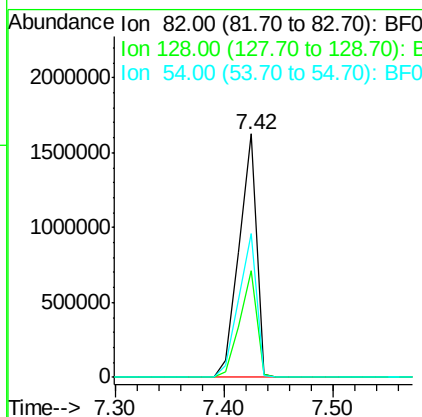
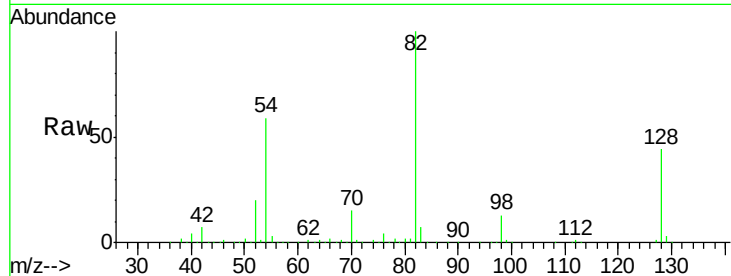




#23
 Nitrobenzene-d5
 Concen: 83.01 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084352.D
 Acq: 10 Jan 2016 9:16

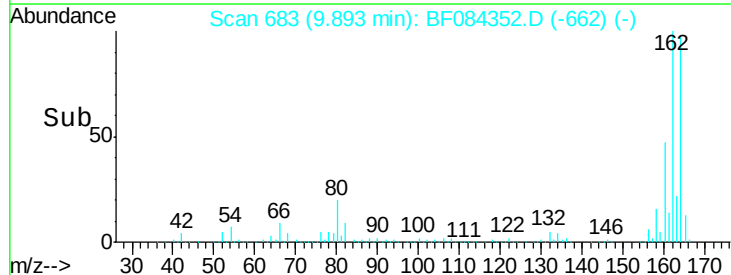
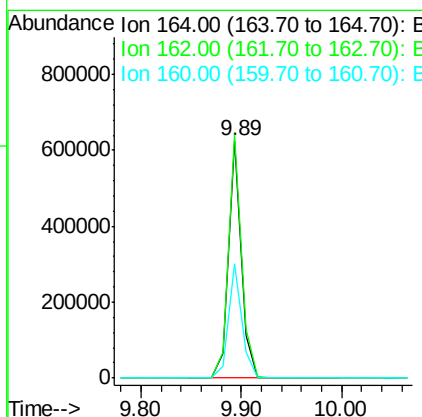
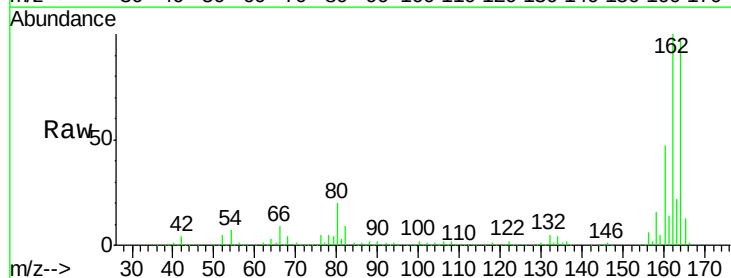
Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)

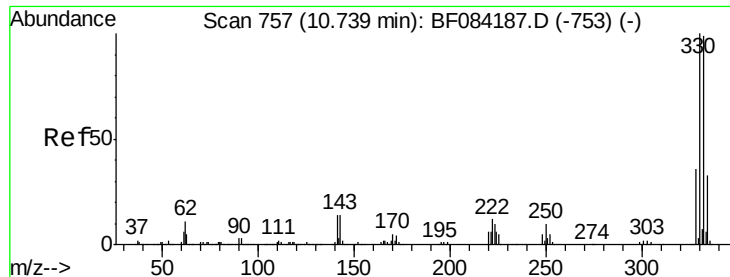
Tot Ion: 82 Resp: 1782708
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 51.8
 54 58.9 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084352.D
 Acq: 10 Jan 2016 9:16

Tgt Ion: 164 Resp: 555289
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.1 127.7
 160 48.2 37.5 56.3

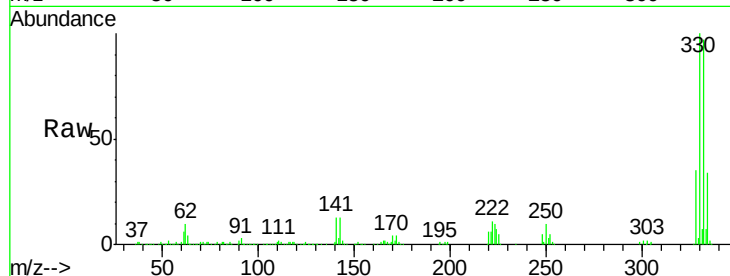




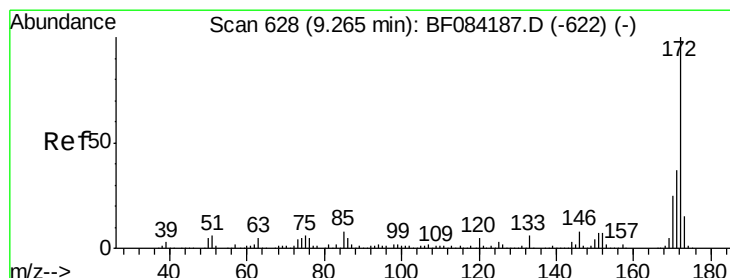
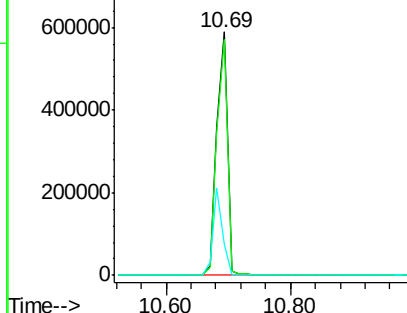
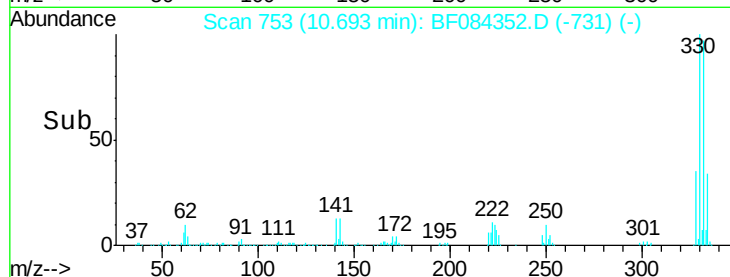
#41
 2,4,6-Tribromophenol
 Concen: 122.18 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084352.D
 Acq: 10 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	32.9	27.8	41.6

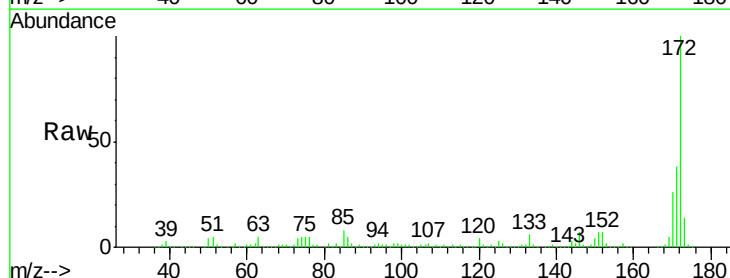


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

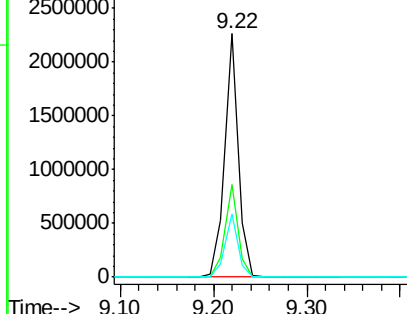
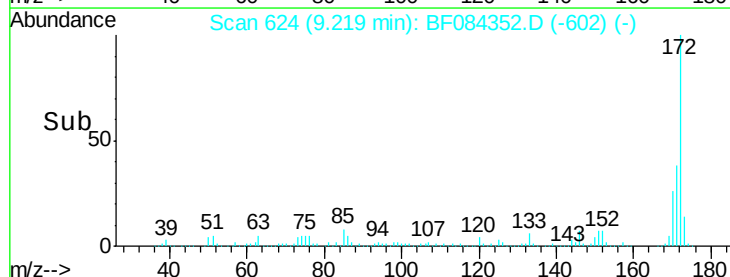


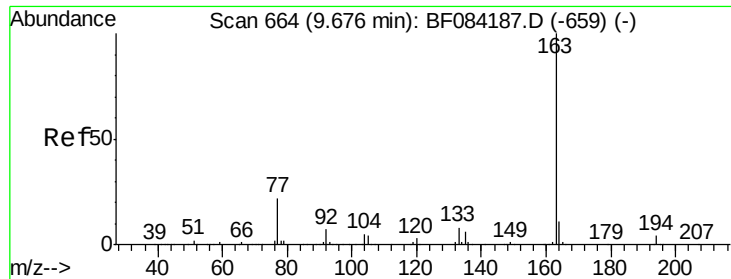
#44
 2-Fluorobiphenyl
 Concen: 71.99 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084352.D
 Acq: 10 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.9	43.3
170	25.7	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: 16.69 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)

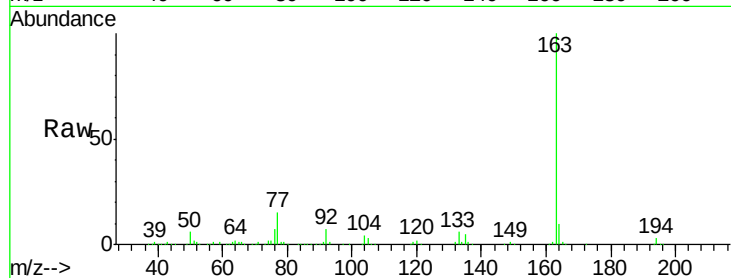
Tot Ion:163 Resp: 662684

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

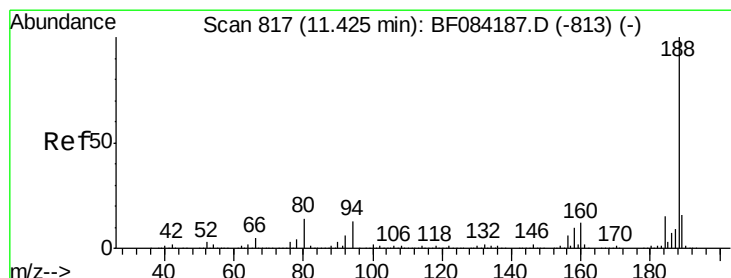
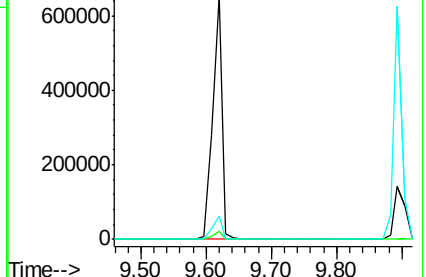
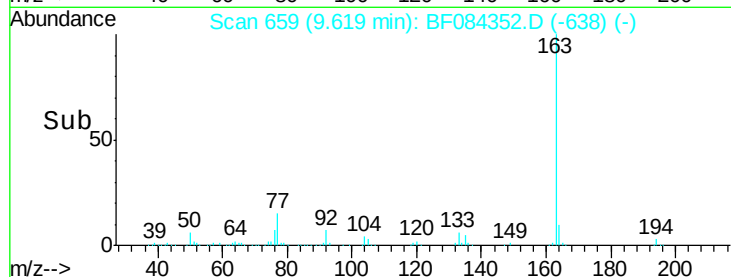
164 9.7 8.0 12.0



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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

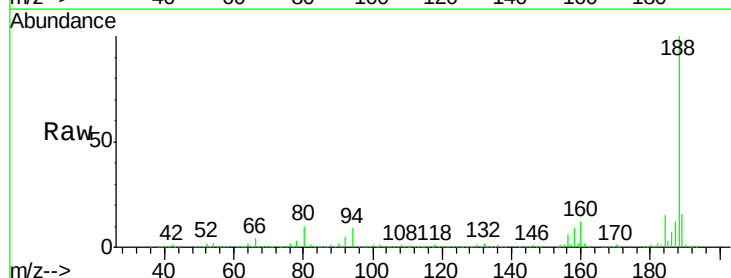
Tgt Ion:188 Resp: 1037297

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

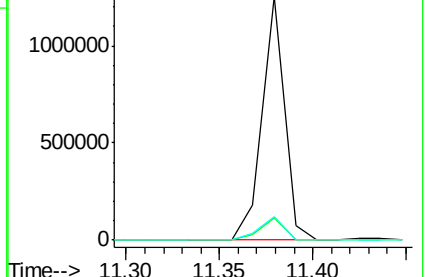
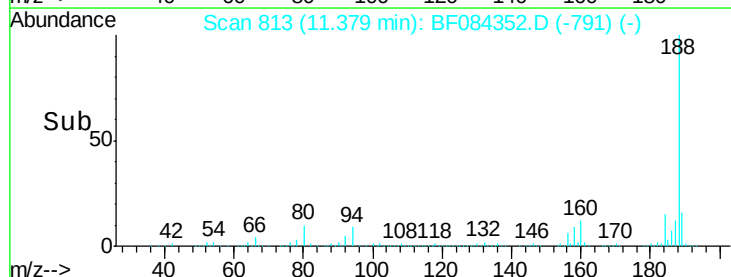
80 9.8 9.6 14.4

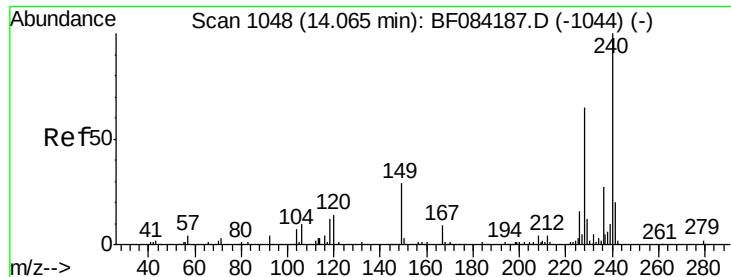


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)

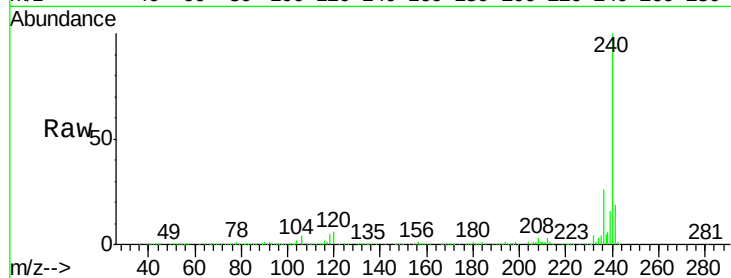
Tot Ion:240 Resp: 765865

Ion Ratio Lower Upper

240 100

120 5.8 9.5 14.3#

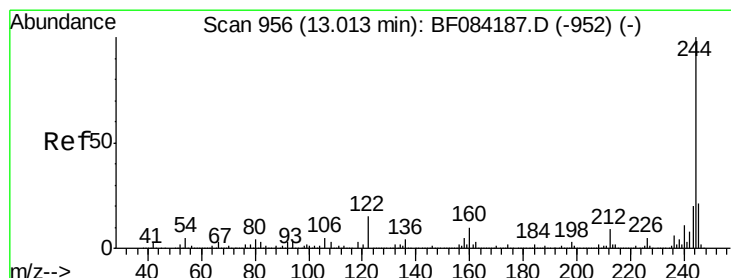
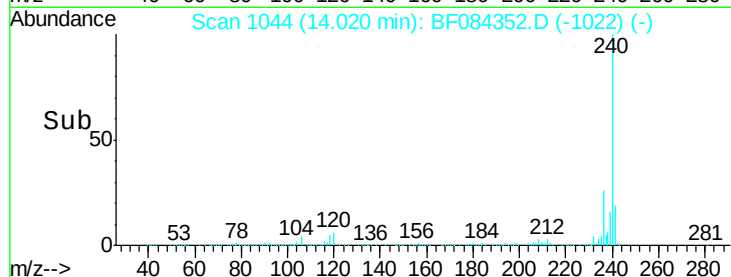
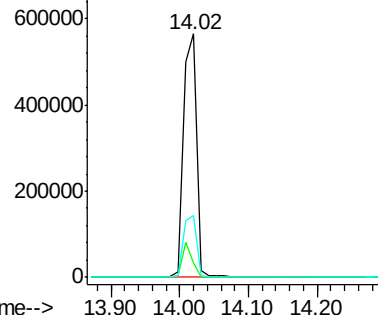
236 25.6 20.6 31.0



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: 61.91 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084352.D

Acq: 10 Jan 2016 9:16

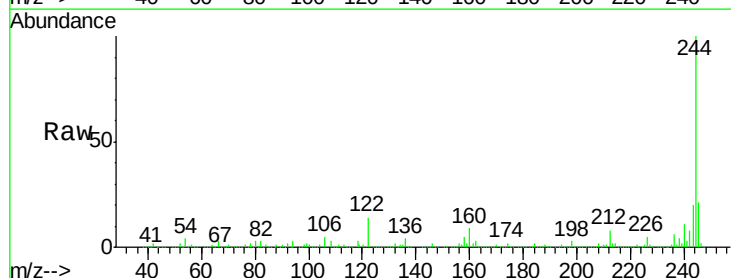
Tgt Ion:244 Resp: 2124307

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

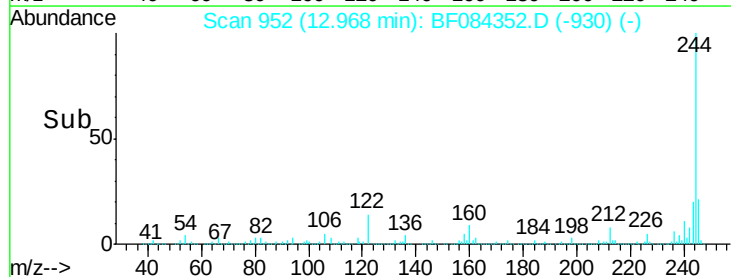
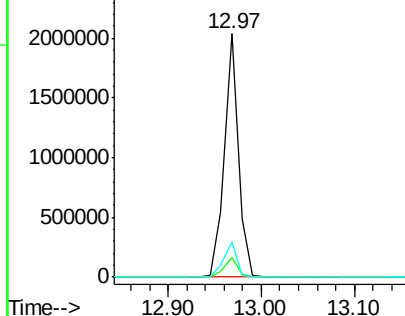
122 14.4 7.4 11.0#

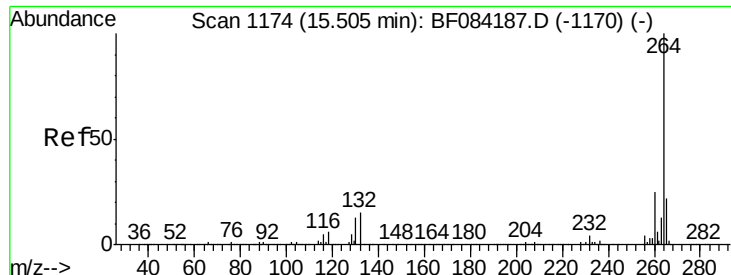


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

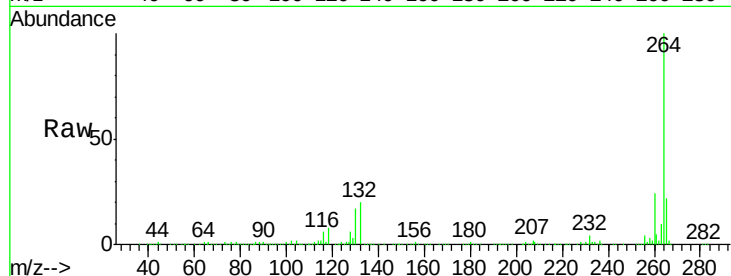




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084352.D
Acq: 10 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	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

