

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086252.D
 Acq On : 16 Apr 2016 8:52
 Operator : UM/SJ
 Sample : H2537-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7(15-17)

Quant Time: Apr 18 04:49:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

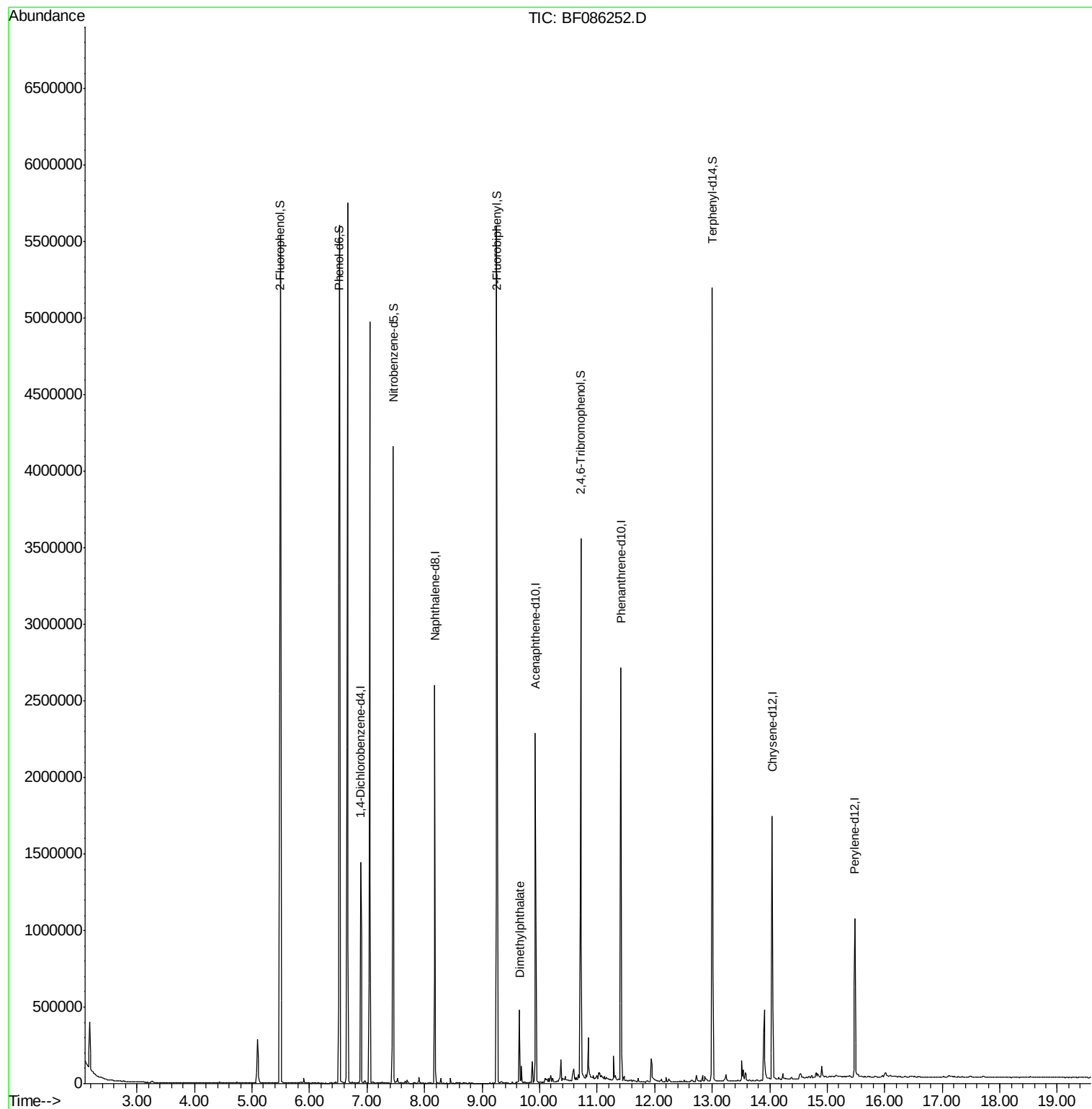
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	273657	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1154380	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489788	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	886030	20.00	ng	0.00
75) Chrysene-d12	14.04	240	564148	20.00	ng	-0.01
86) Perylene-d12	15.48	264	470030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1694806	101.47	ng	0.01
7) Phenol-d6	6.52	99	2245328	107.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	1632042	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	429918	109.31	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2202461	82.98	ng	-0.01
78) Terphenyl-d14	13.00	244	1681212	74.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	284481	7.99	ng	Qvalue 98

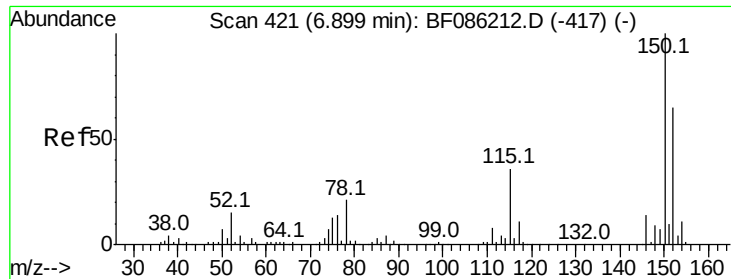
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

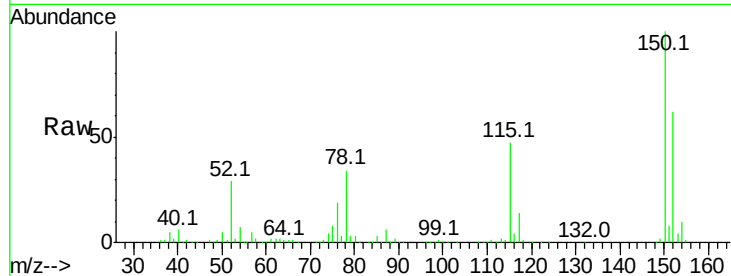
Tot Ion:152 Resp: 273657

Ion Ratio Lower Upper

152 100

150 161.9 124.1 186.1

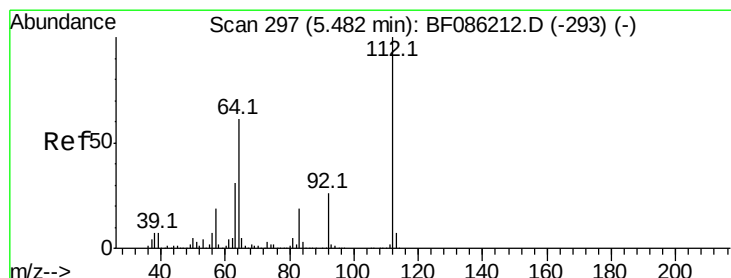
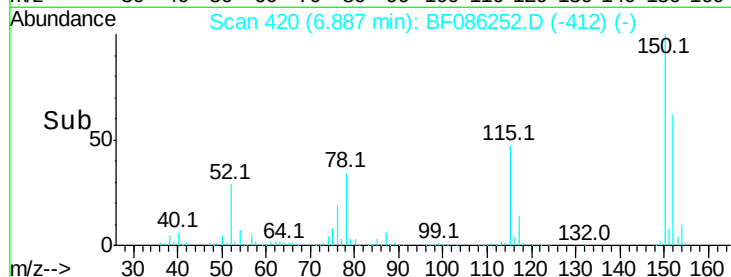
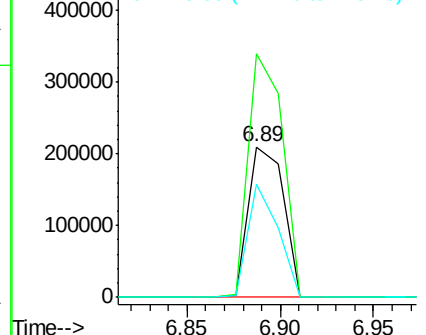
115 75.3 43.9 65.9#



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: 101.47 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

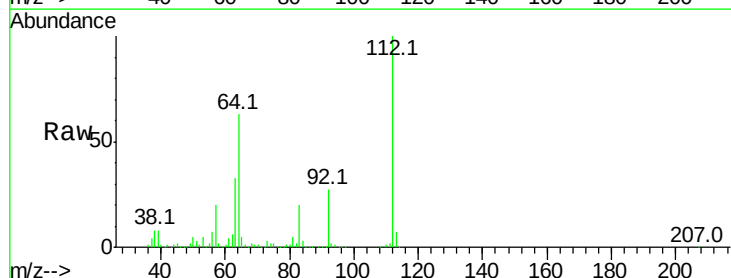
Tgt Ion:112 Resp: 1694806

Ion Ratio Lower Upper

112 100

64 62.6 48.1 72.1

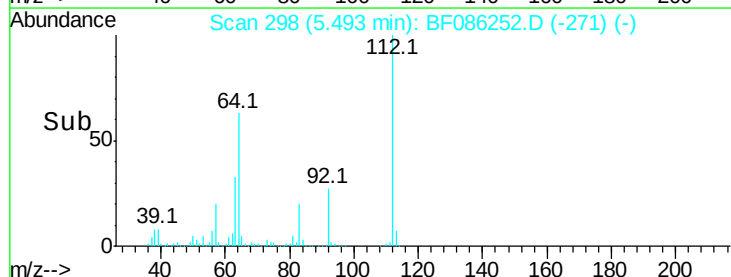
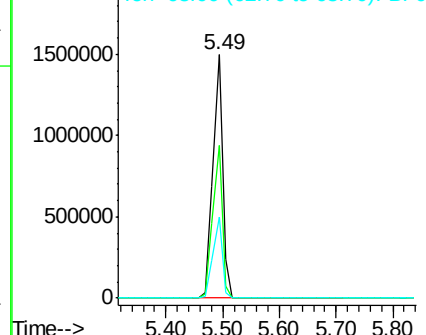
63 33.3 25.5 38.3

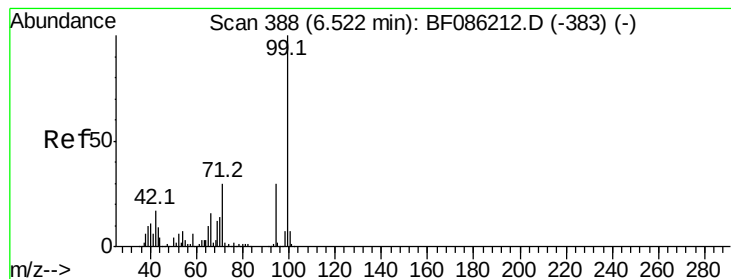


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.48 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

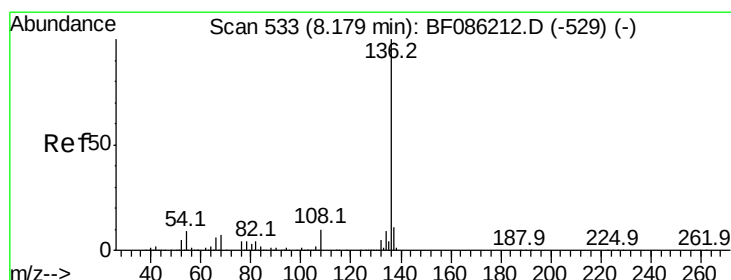
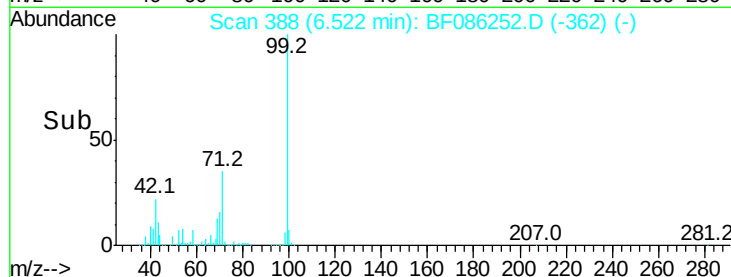
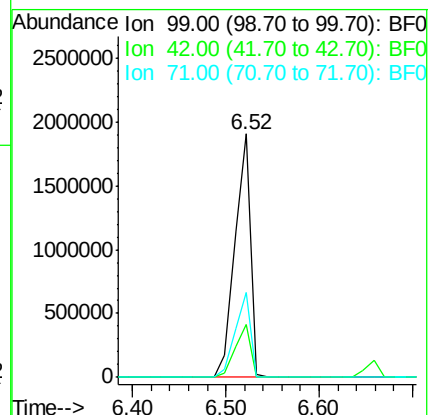
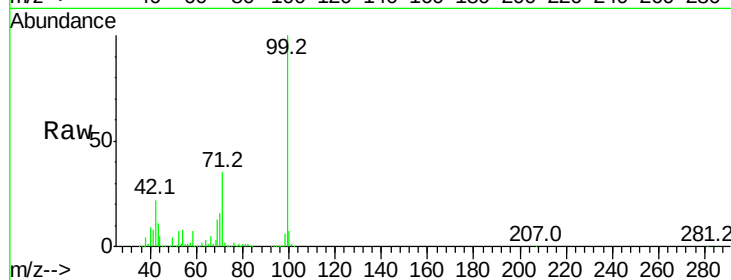
Tot Ion: 99 Resp: 2245328

Ion Ratio Lower Upper

99 100

42 22.0 15.4 23.2

71 35.0 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Tgt Ion: 136 Resp: 1154380

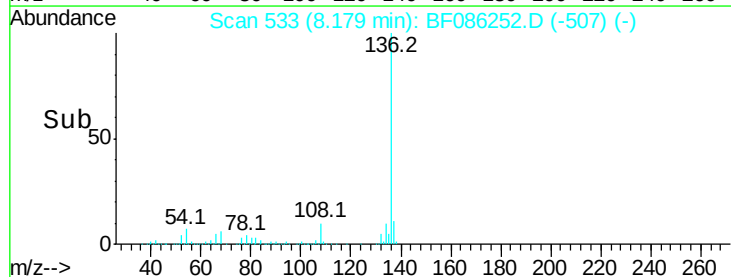
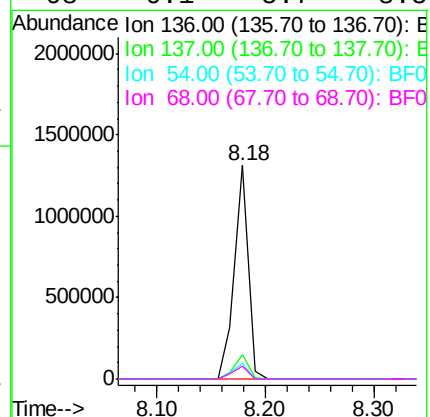
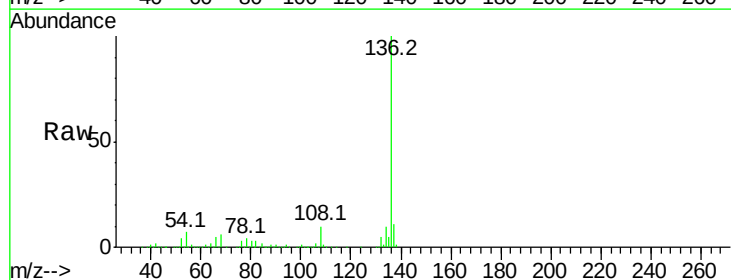
Ion Ratio Lower Upper

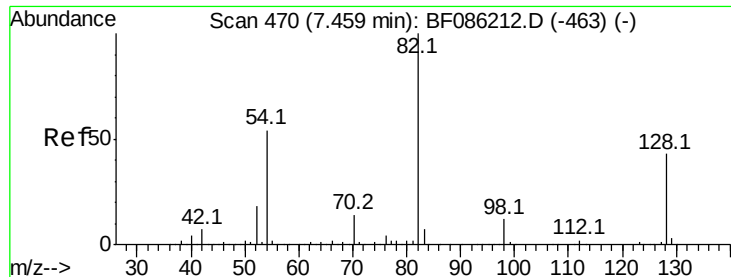
136 100

137 11.2 9.1 13.7

54 7.2 7.3 10.9#

68 6.1 5.7 8.5



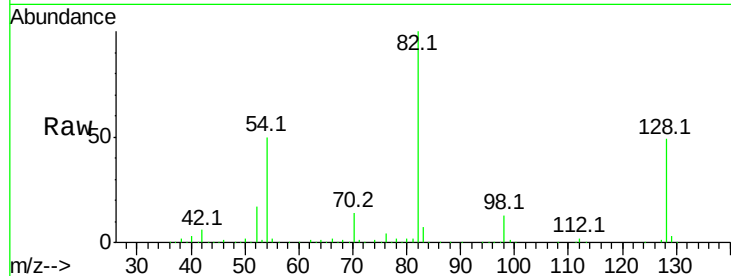


#23
 Nitrobenzene-d5
 Concen: 81.54 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

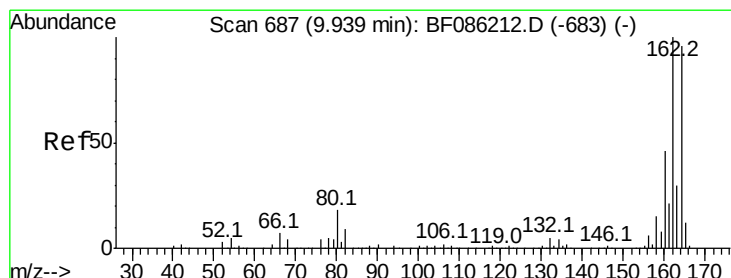
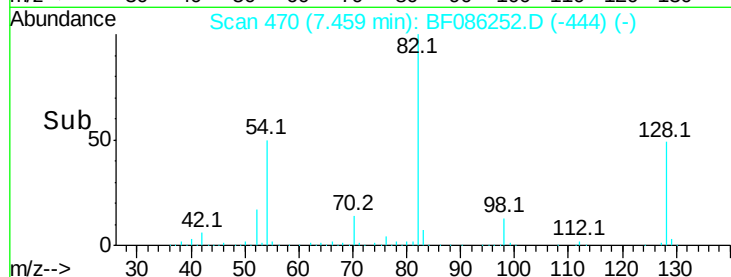
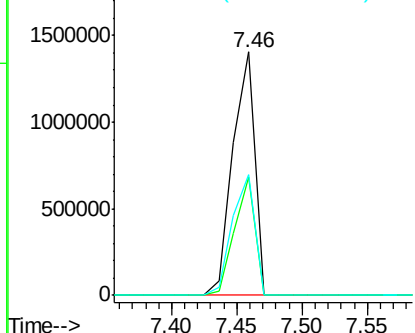
Instrument :
 BNA_F
 ClientSampleId :
 B7(15-17)

Tot Ion: 82 Resp: 1632042

Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.4	53.2
54	49.6	43.4	65.0



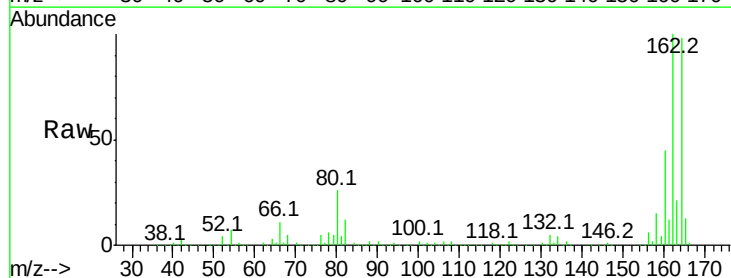
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



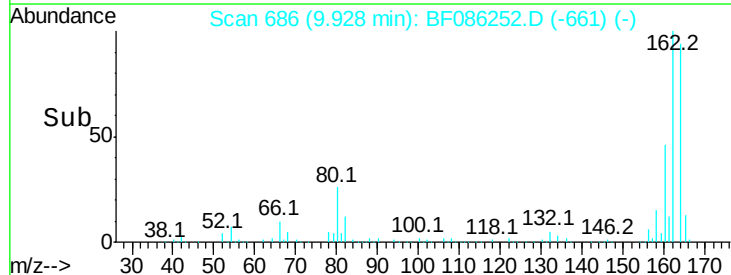
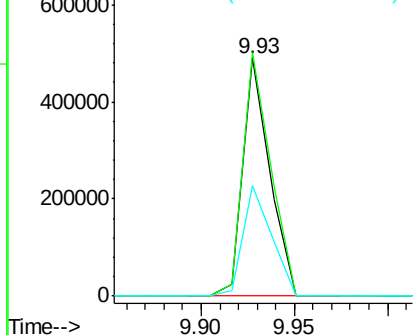
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

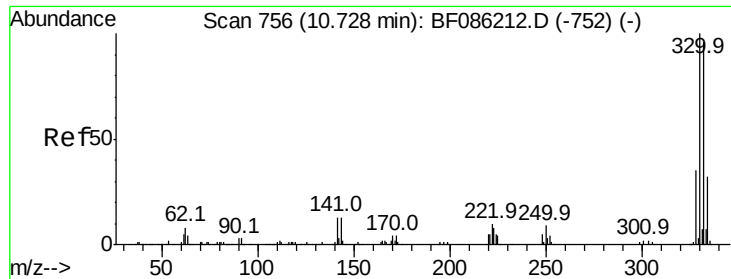
Tgt Ion: 164 Resp: 489788

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.5	38.9	58.3



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

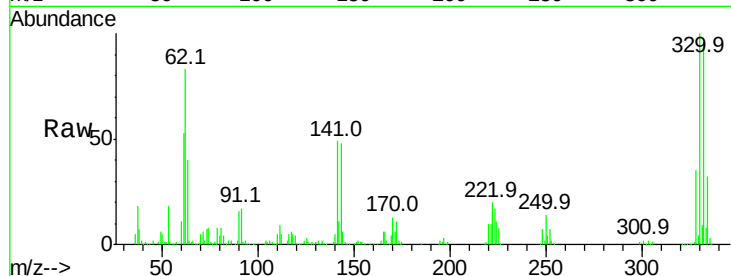




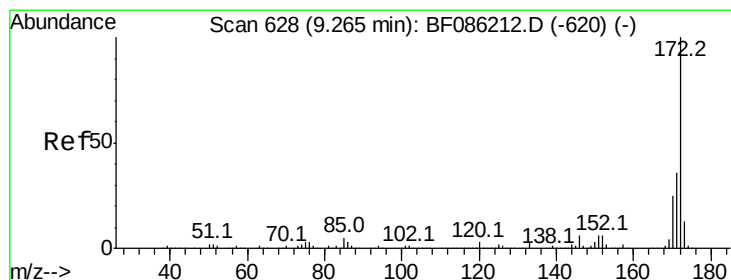
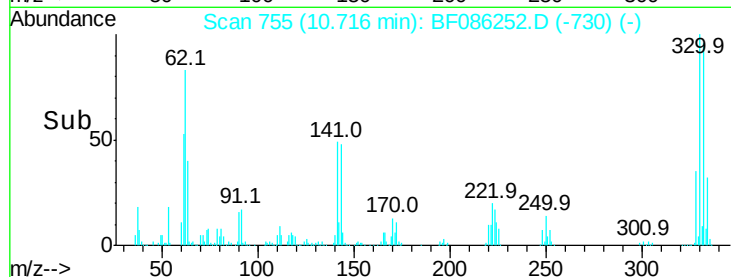
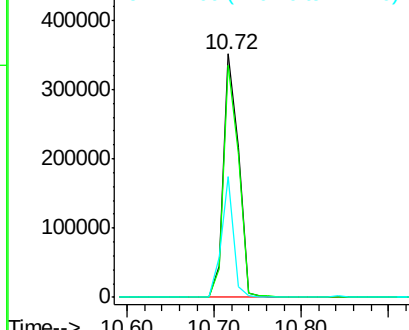
#41
 2,4,6-Tribromophenol
 Concen: 109.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

Instrument :
 BNA_F
 ClientSampleId :
 B7(15-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.7	118.1
141	40.7	28.6	42.8

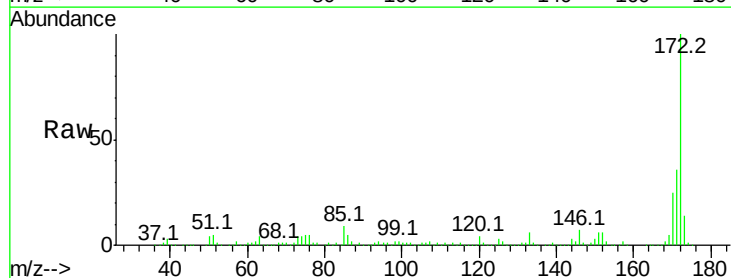


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

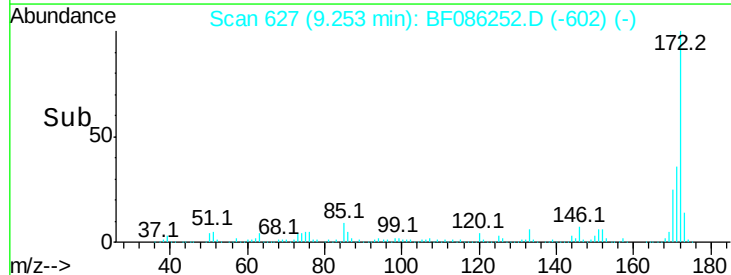
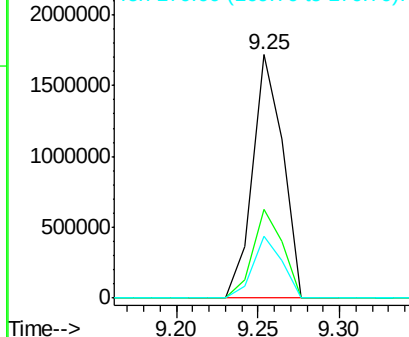


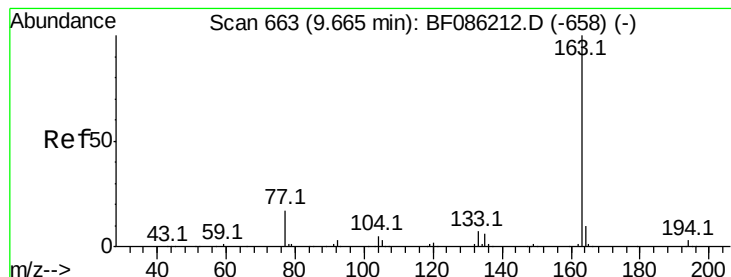
#44
 2-Fluorobiphenyl
 Concen: 82.98 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	25.2	19.9	29.9



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: 7.99 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

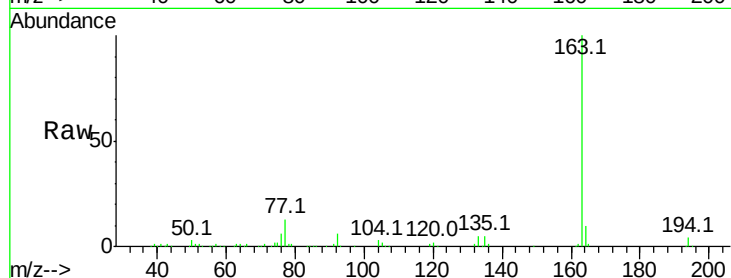
Tot Ion:163 Resp: 284481

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

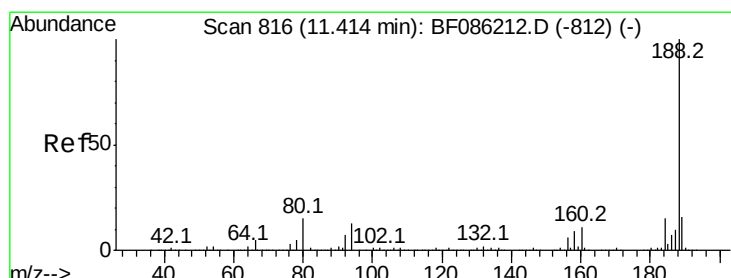
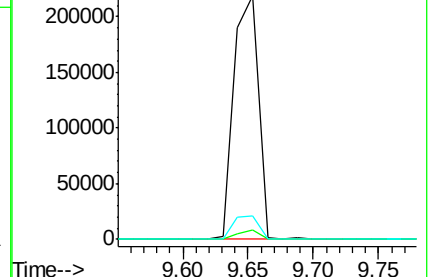
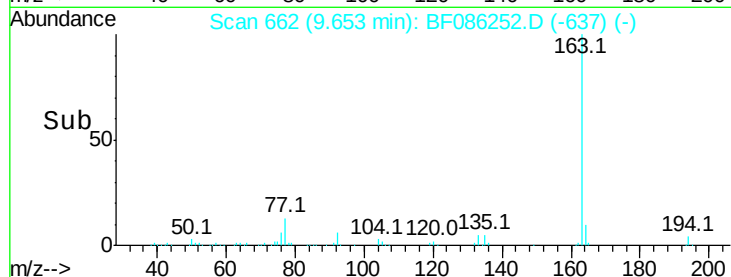
164 9.7 8.4 12.6



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. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

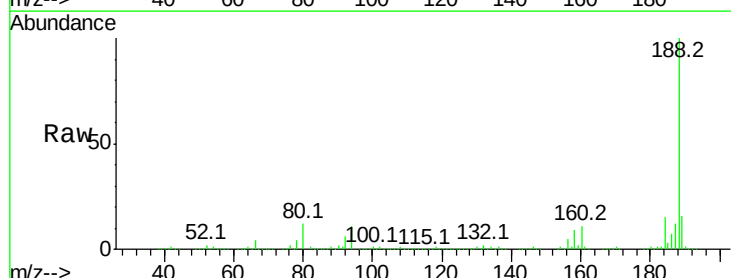
Tgt Ion:188 Resp: 886030

Ion Ratio Lower Upper

188 100

94 11.0 9.8 14.8

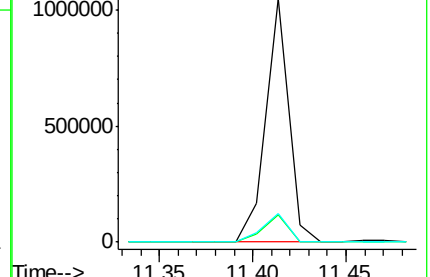
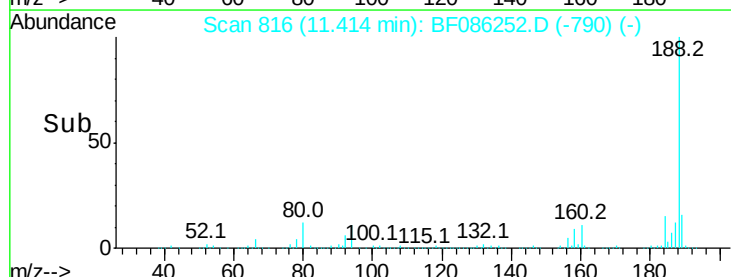
80 11.8 10.5 15.7

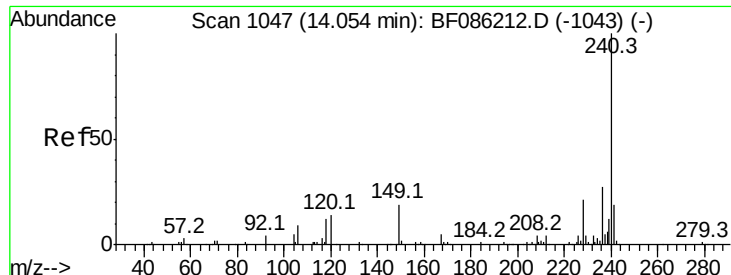


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

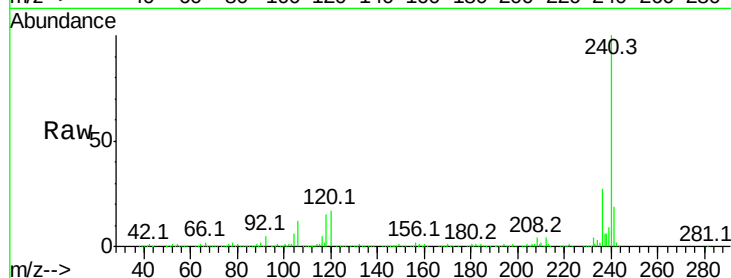
Tot Ion:240 Resp: 564148

Ion Ratio Lower Upper

240 100

120 17.3 9.3 13.9#

236 26.6 21.1 31.7



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

14.04

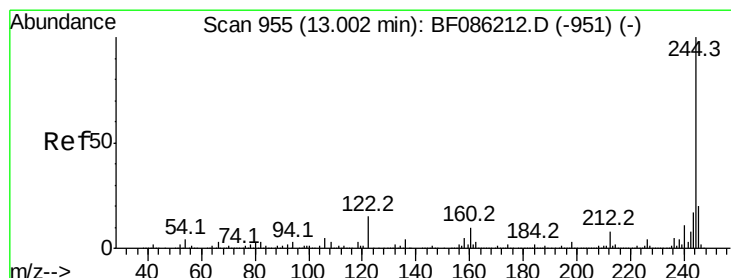
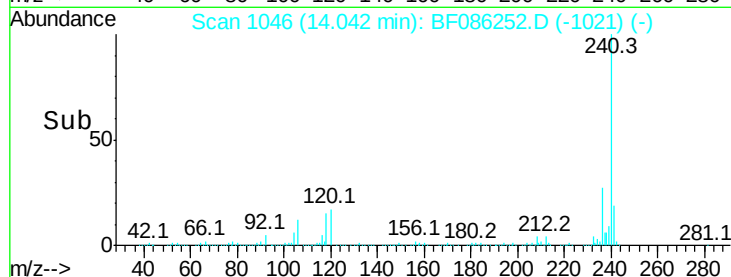
200000

400000

600000

800000

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 74.94 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

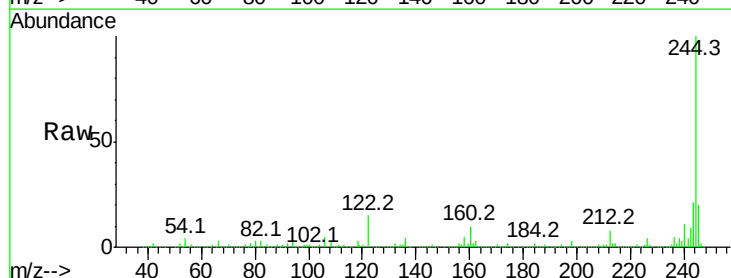
Tgt Ion:244 Resp: 1681212

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 15.4 11.7 17.5



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

13.00

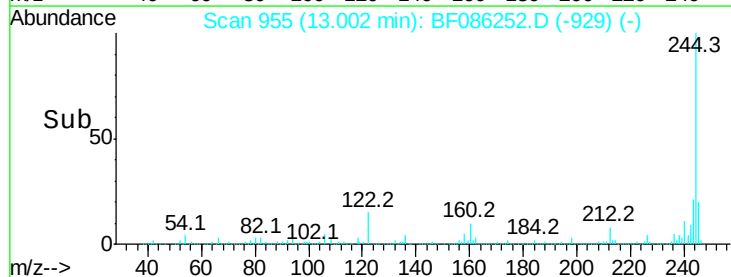
500000

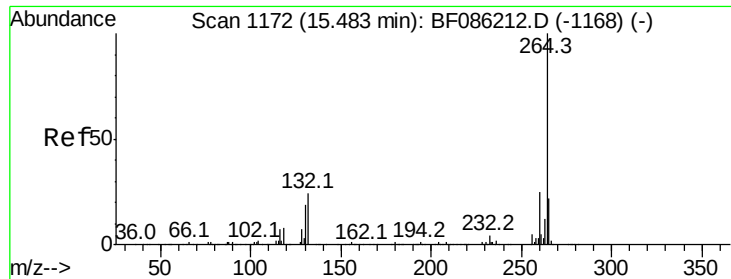
1000000

1500000

2000000

Time--> 12.90 13.00 13.10





#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086252.D
Acq: 16 Apr 2016 8:52

Instrument :
BNA_F
ClientSampleId :
B7(15-17)

Tot Ion:	264	Resp:	470030
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.4	17.4	26.0

