

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086623.D
 Acq On : 2 May 2016 17:55
 Operator : UM/SJ
 Sample : H2716-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-2(6-12FTBGS)

Quant Time: May 03 01:41:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

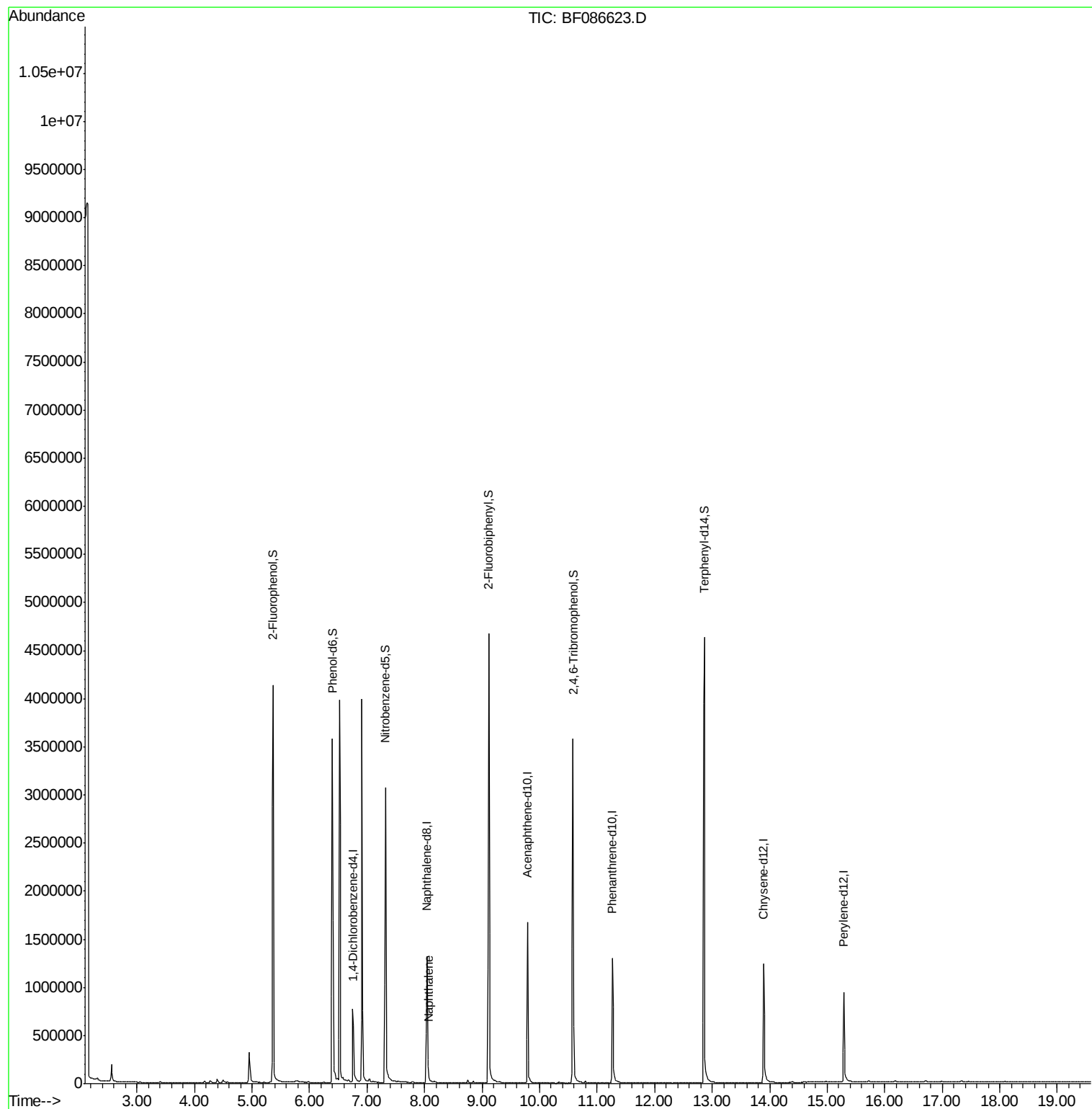
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	165960	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	711626	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	351584	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	678008	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	594154	20.00	ng	-0.07
86) Perylene-d12	15.29	264	466144	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1331231	138.36	ng	-0.02
7) Phenol-d6	6.40	99	1528067	113.79	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1136769	86.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	475660	128.29	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1766652	88.78	ng	-0.06
78) Terphenyl-d14	12.87	244	2209100	81.91	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	94148	2.60	ng	Qvalue 100

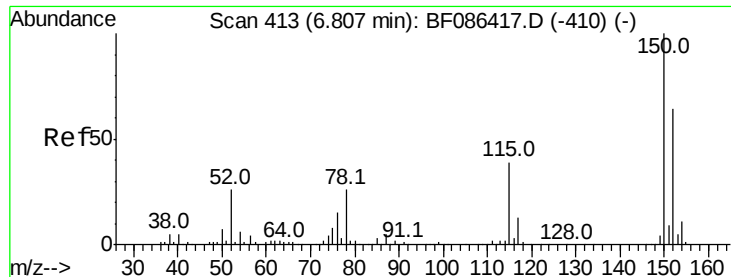
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086623.D

Acq: 2 May 2016 17:55

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-2(6-12FTBGS)

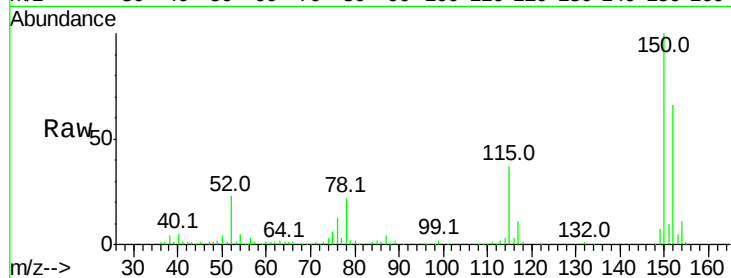
Tot Ion:152 Resp: 165960

Ion Ratio Lower Upper

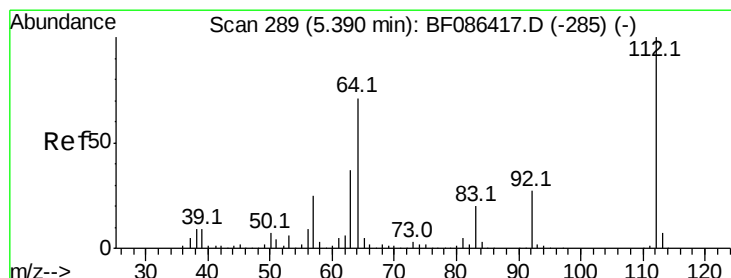
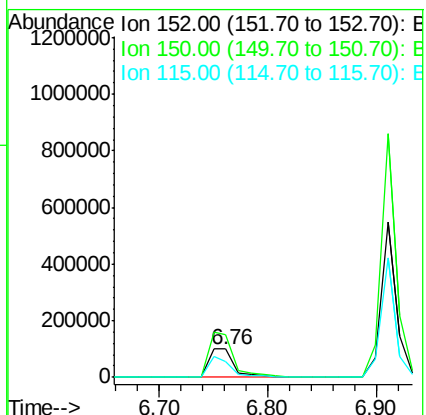
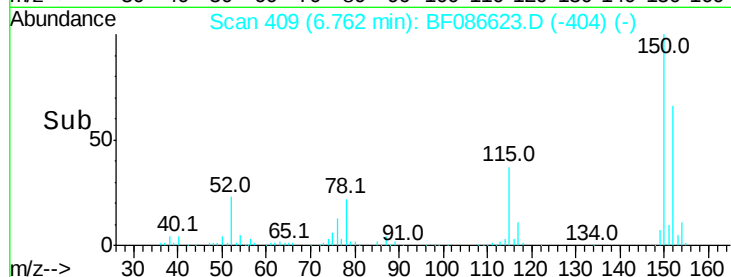
152 100

150 152.0 125.8 188.6

115 55.7 51.5 77.3



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: 138.36 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086623.D

Acq: 2 May 2016 17:55

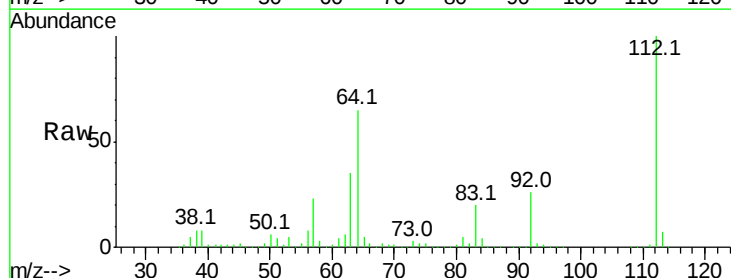
Tgt Ion:112 Resp: 1331231

Ion Ratio Lower Upper

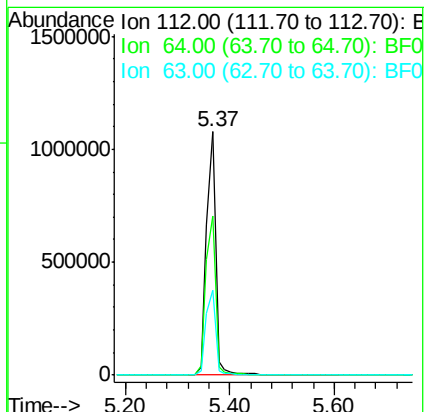
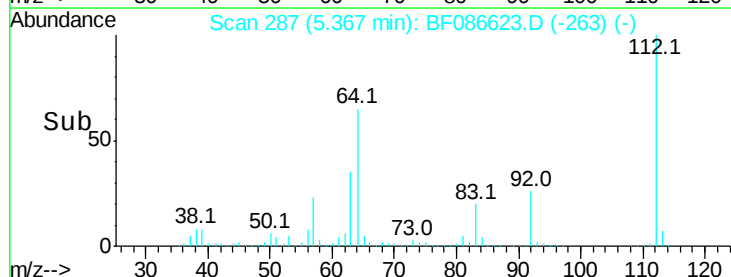
112 100

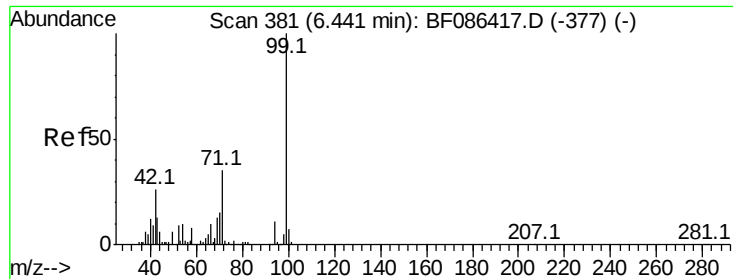
64 65.4 52.1 78.1

63 35.1 25.7 38.5



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: 113.79 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086623.D

Acq: 2 May 2016 17:55

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-2(6-12FTBGS)

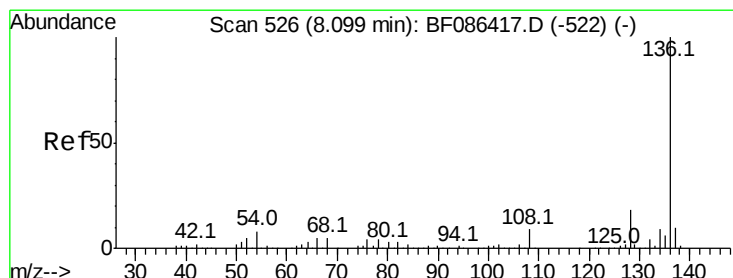
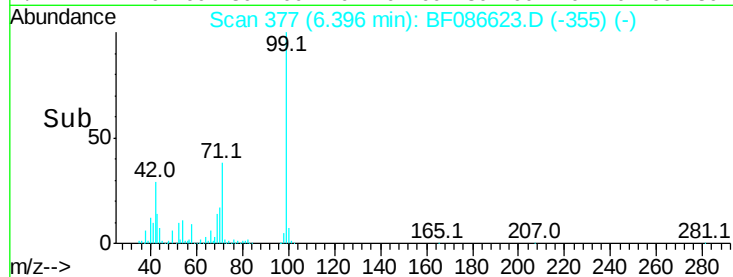
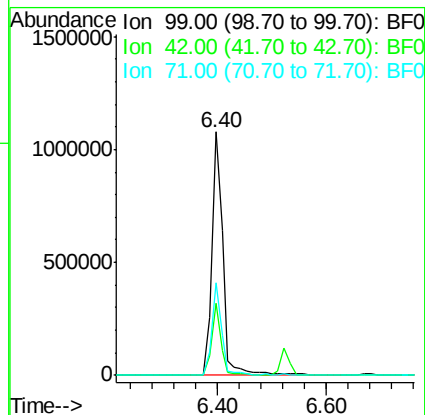
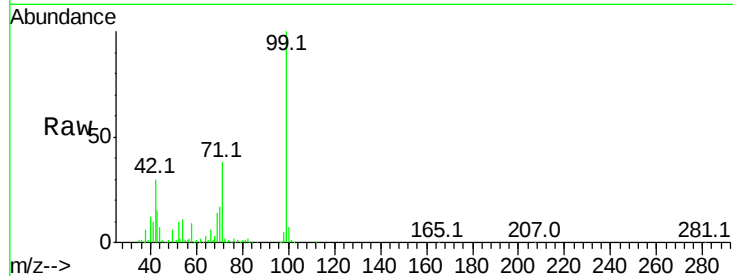
Tot Ion: 99 Resp: 1528067

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

71 38.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086623.D

Acq: 2 May 2016 17:55

Tgt Ion: 136 Resp: 711626

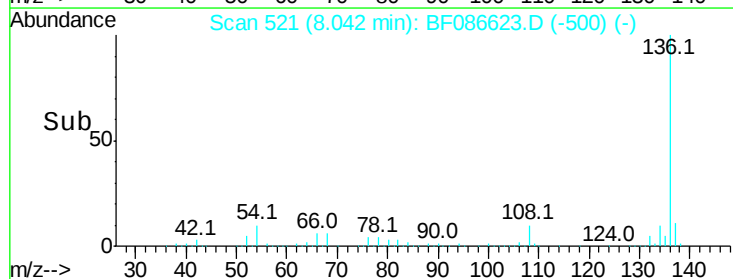
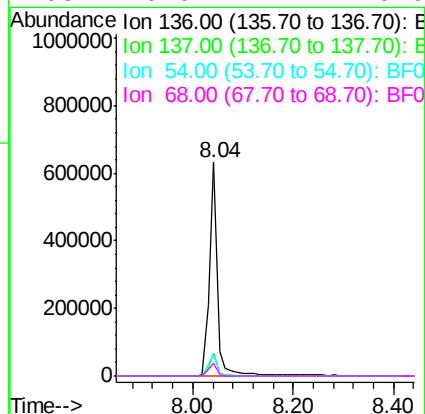
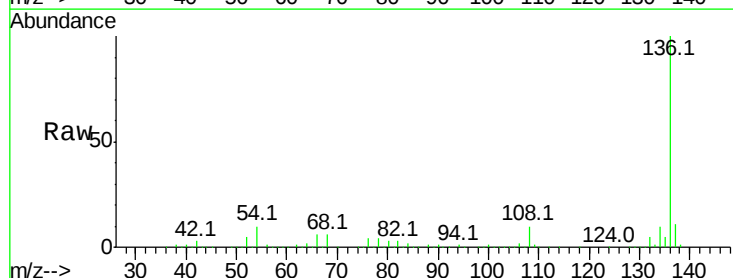
Ion Ratio Lower Upper

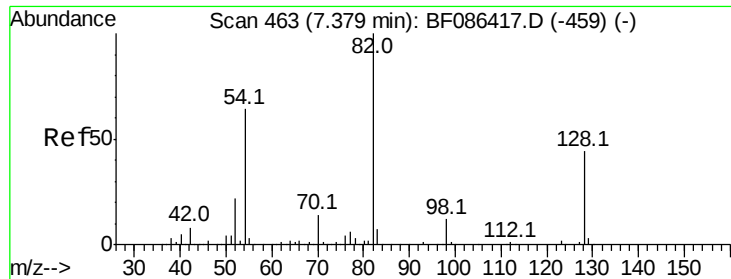
136 100

137 10.8 8.8 13.2

54 10.1 5.0 7.4#

68 6.0 4.4 6.6

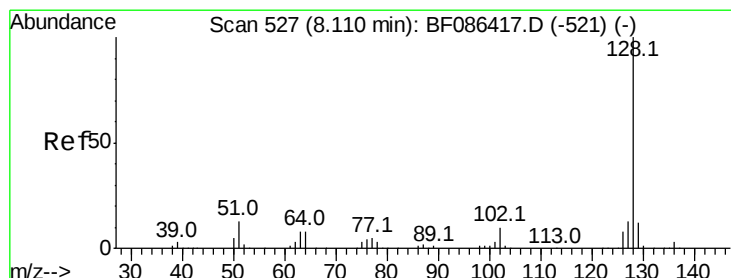
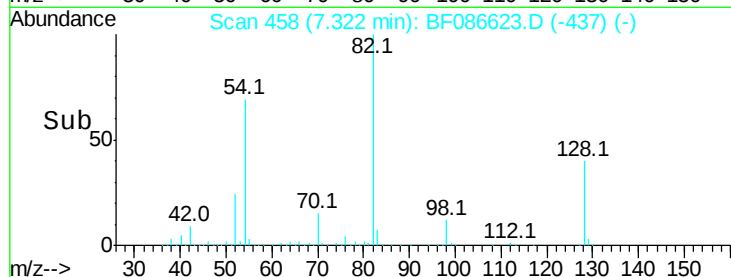
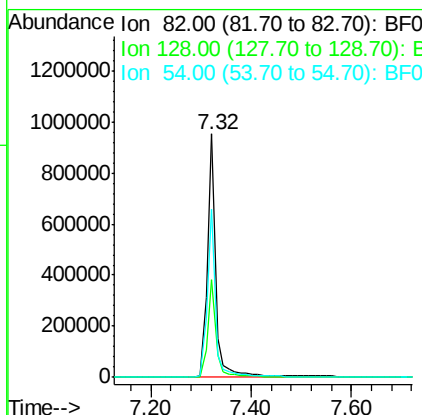
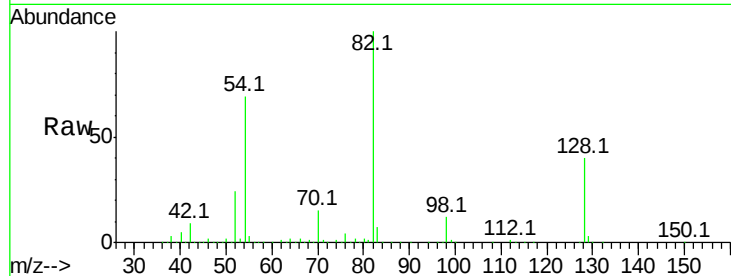




#23
Nitrobenzene-d5
Concen: 86.10 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

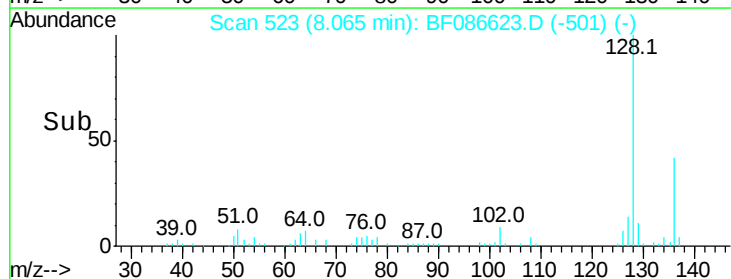
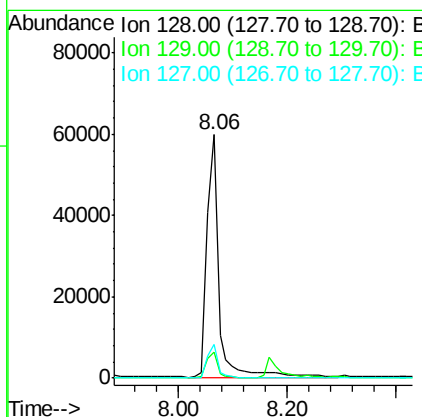
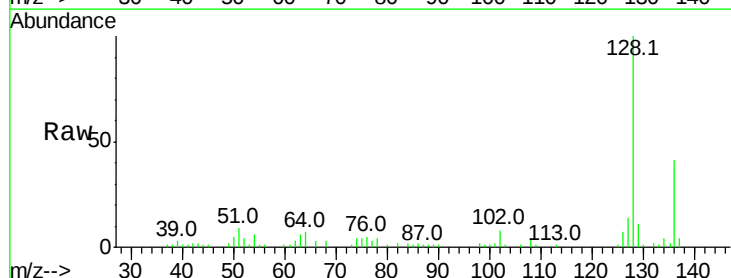
Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

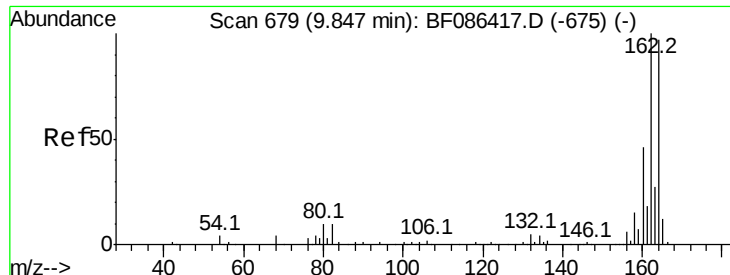
Tot Ion: 82 Resp: 1136769
Ion Ratio Lower Upper
82 100
128 40.0 40.6 61.0#
54 69.3 38.1 57.1#



#31
Naphthalene
Concen: 2.60 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion: 128 Resp: 94148
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.6 10.8 16.2

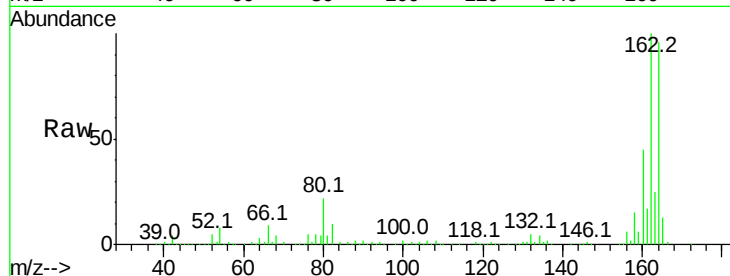




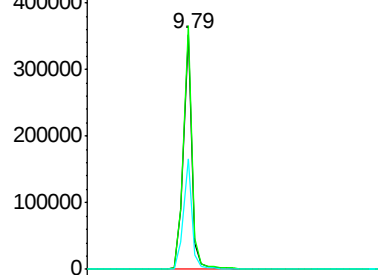
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

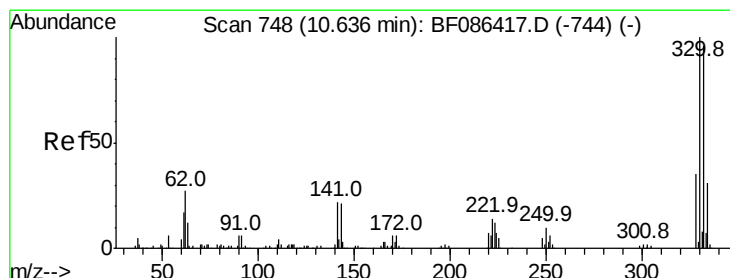
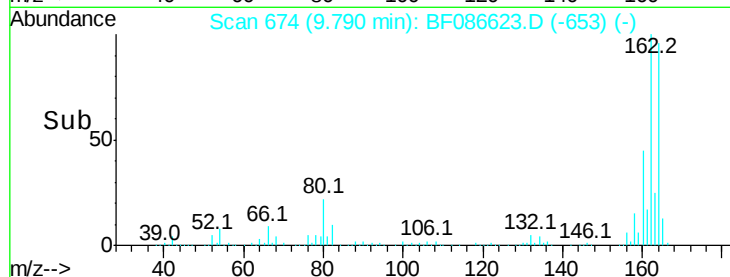
Tot Ion:164 Resp: 351584
Ion Ratio Lower Upper
164 100
162 103.7 82.8 124.2
160 47.0 36.9 55.3



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

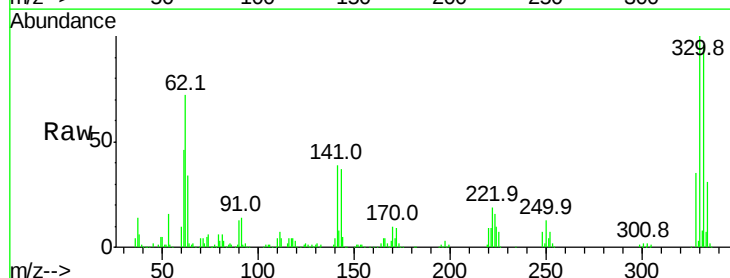


Time-->

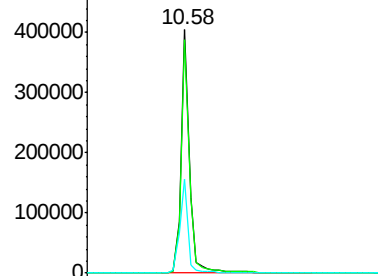


#41
2,4,6-Tribromophenol
Concen: 128.29 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

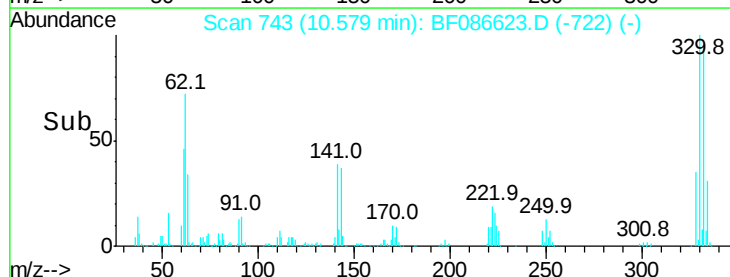
Tgt Ion:330 Resp: 475660
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.4
141 38.0 31.2 46.8

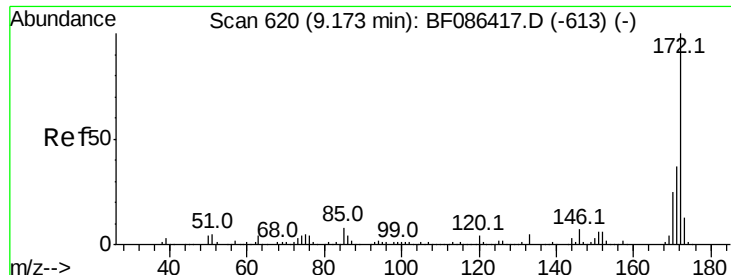


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

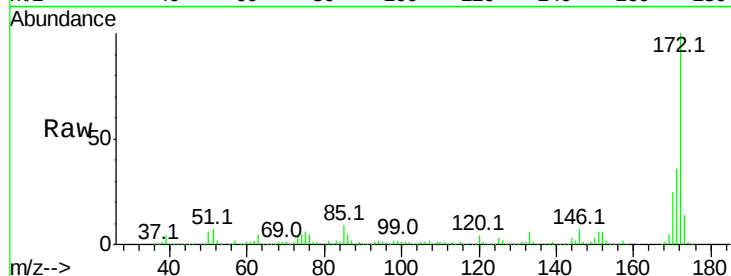




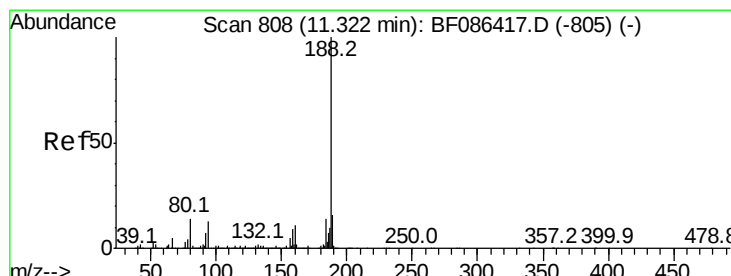
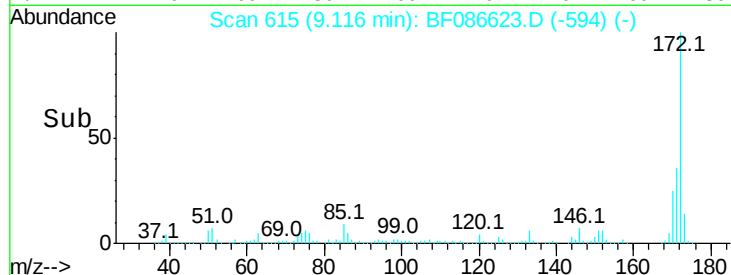
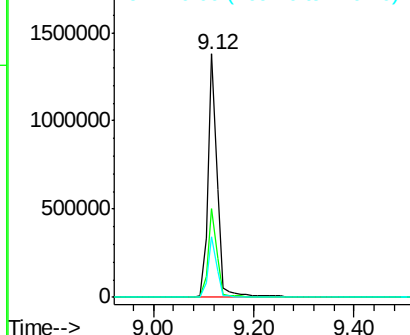
#44
 2-Fluorobiphenyl
 Concen: 88.78 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086623.D
 Acq: 2 May 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-2(6-12FTBGS)

Tot Ion:172 Resp: 1766652
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.8 29.8

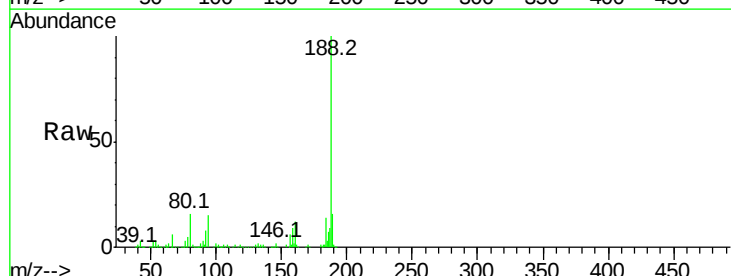


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

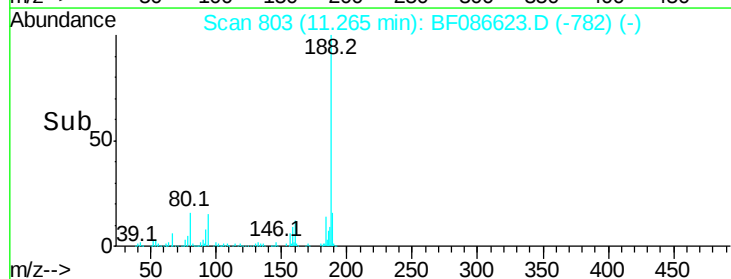
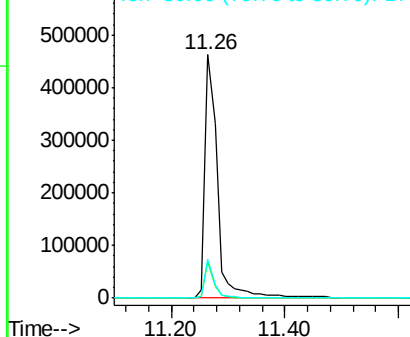


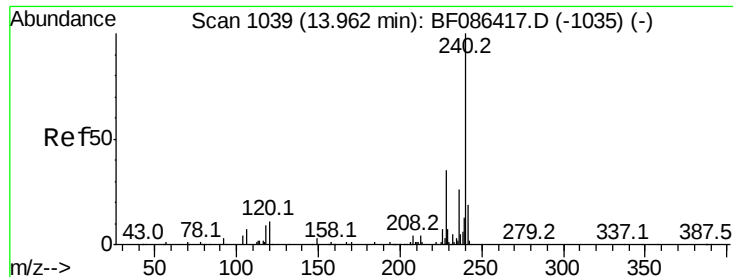
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086623.D
 Acq: 2 May 2016 17:55

Tgt Ion:188 Resp: 678008
 Ion Ratio Lower Upper
 188 100
 94 14.7 6.8 10.2#
 80 15.7 7.1 10.7#



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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086623.D

Acq: 2 May 2016 17:55

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-2(6-12FTBGS)

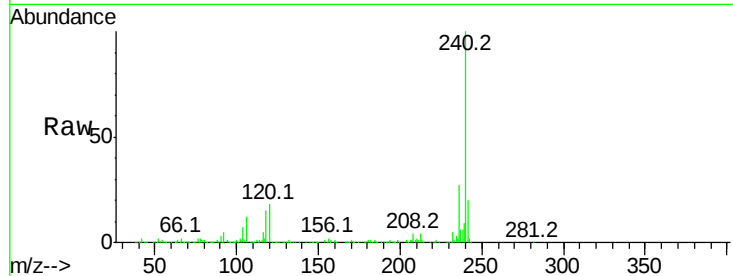
Tot Ion:240 Resp: 594154

Ion Ratio Lower Upper

240 100

120 17.6 11.2 16.8#

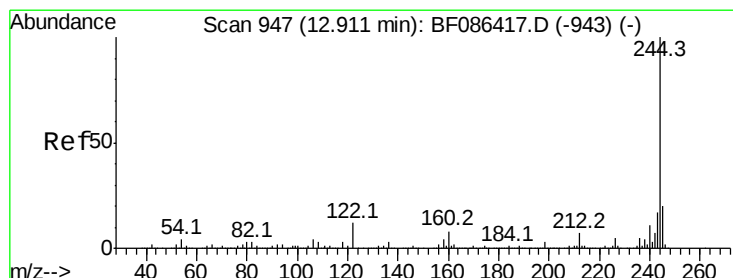
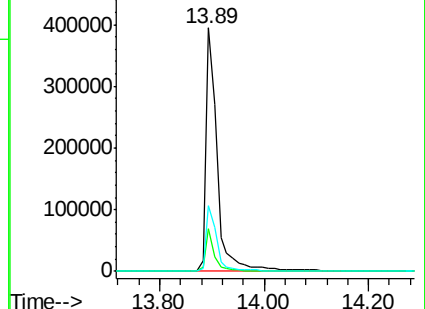
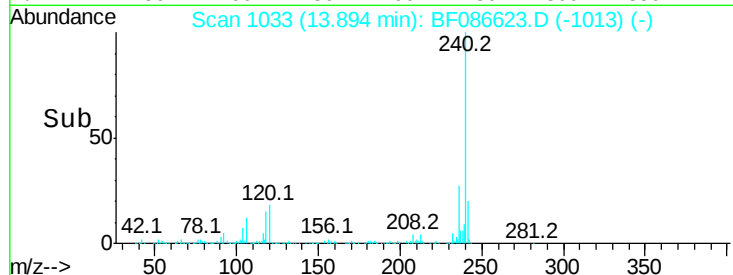
236 26.7 21.2 31.8



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: 81.91 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086623.D

Acq: 2 May 2016 17:55

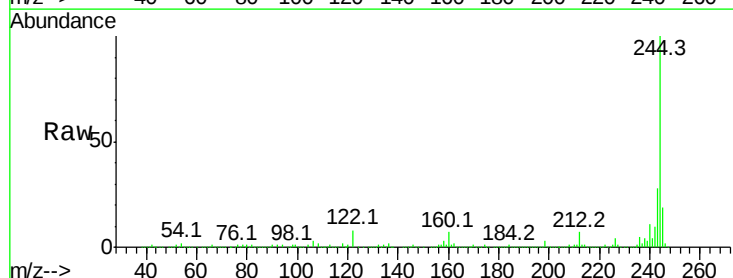
Tgt Ion:244 Resp: 2209100

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

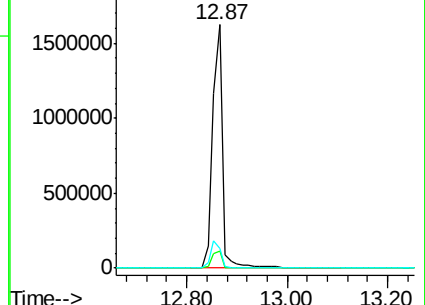
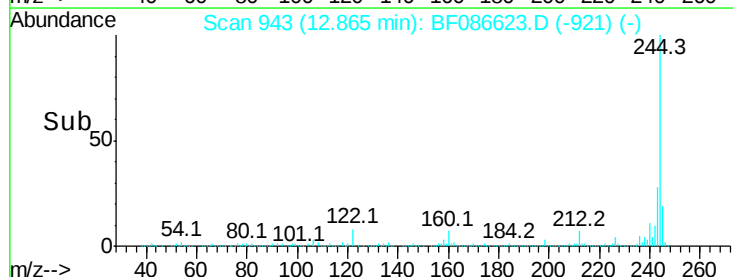
122 8.1 12.0 18.0#

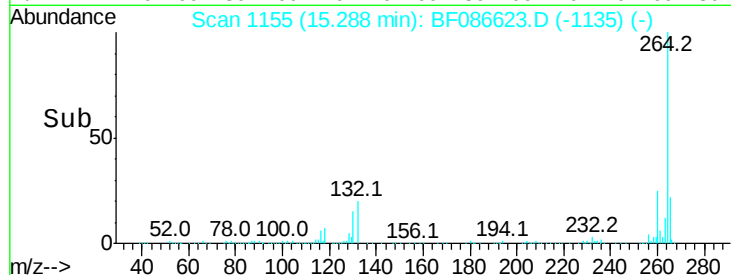
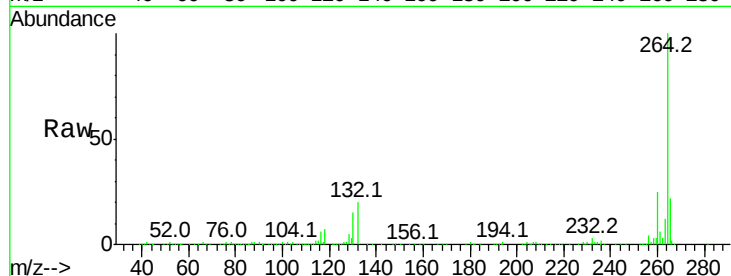
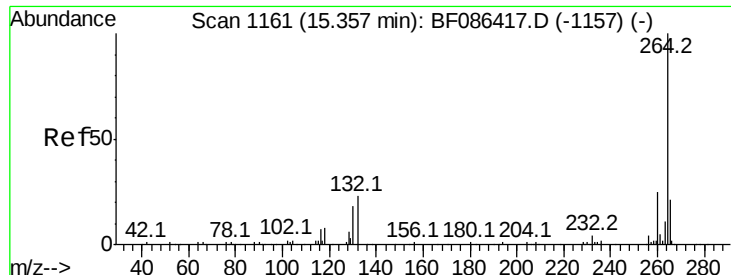


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086623.D
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Instrument :
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 26WARD-5-CS-2(6-12FTBGS)

Tot Ion:	264	Resp:	466144
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.3	25.9

