

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086253.D
 Acq On : 16 Apr 2016 9:20
 Operator : UM/SJ
 Sample : H2537-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Quant Time: Apr 18 04:51:50 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	275727	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1172900	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	484441	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	902464	20.00	ng	0.00
75) Chrysene-d12	14.04	240	537594	20.00	ng	-0.01
86) Perylene-d12	15.48	264	457108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1340605	79.66	ng	0.01
7) Phenol-d6	6.51	99	996141	47.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1764246	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	482226	123.97	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2438293	92.88	ng	-0.01
78) Terphenyl-d14	13.00	244	1739636	81.37	ng	0.00

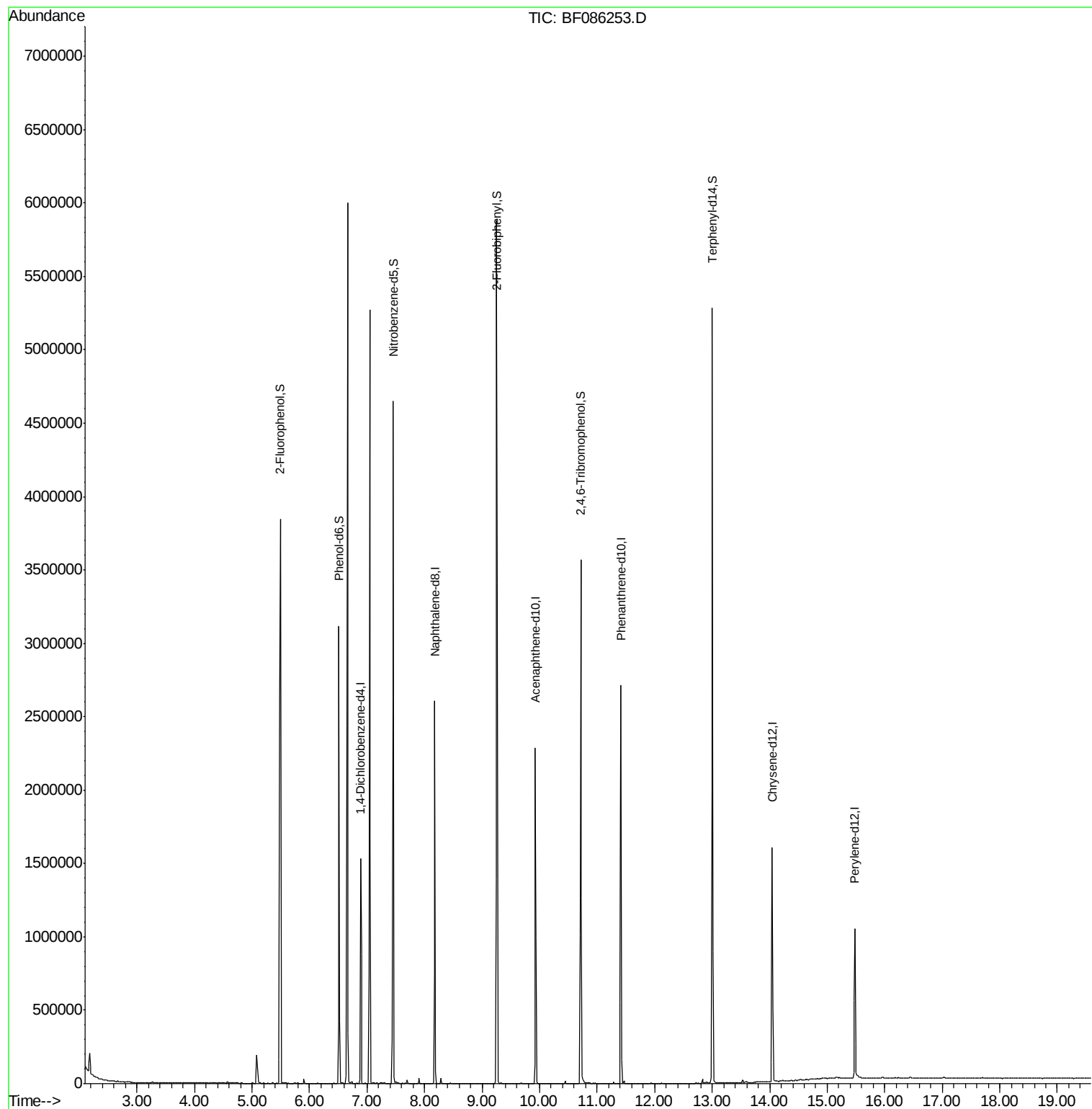
Target Compounds Qvalue

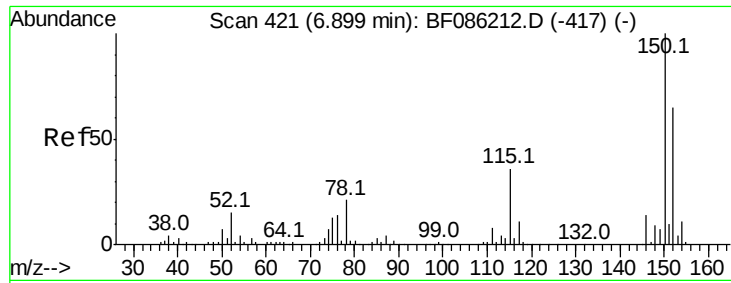
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampleId :

B6GW

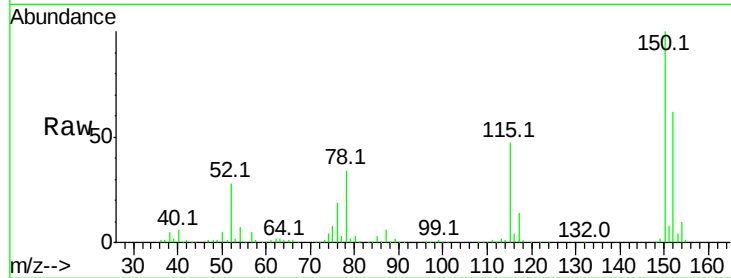
Tot Ion:152 Resp: 275727

Ion Ratio Lower Upper

152 100

150 161.9 124.1 186.1

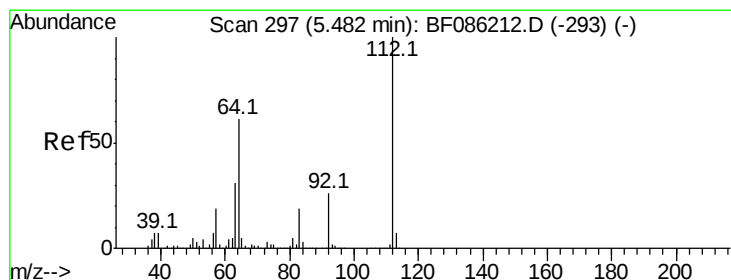
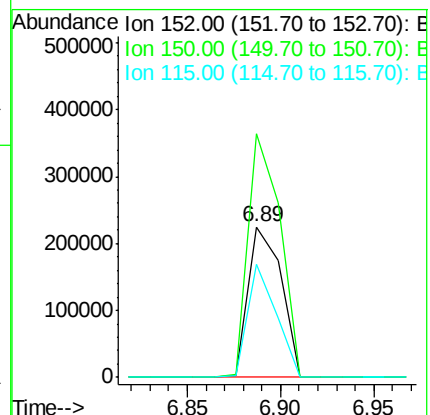
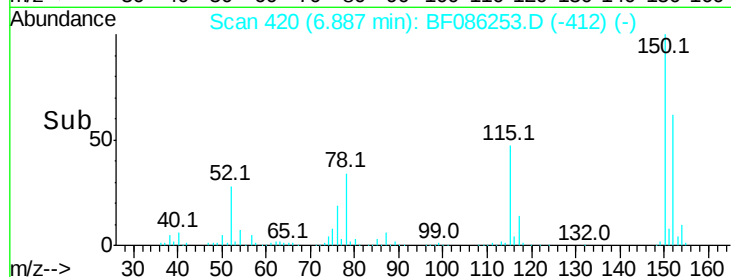
115 75.6 43.9 65.9#



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: 79.66 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

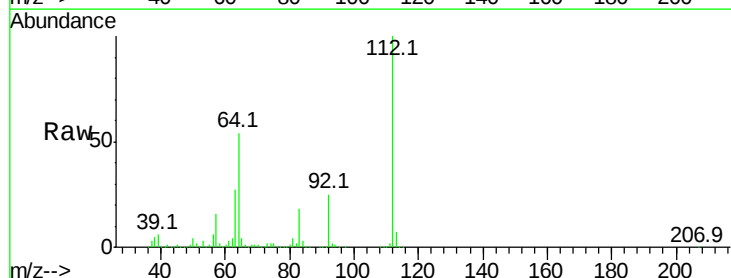
Tgt Ion:112 Resp: 1340605

Ion Ratio Lower Upper

112 100

64 53.8 48.1 72.1

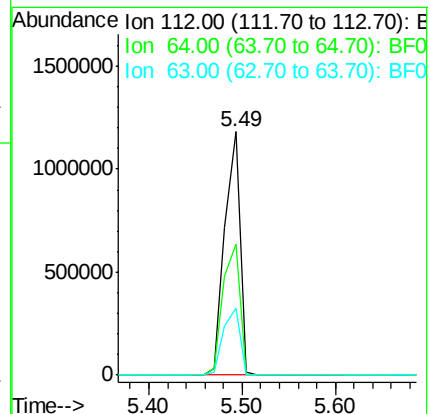
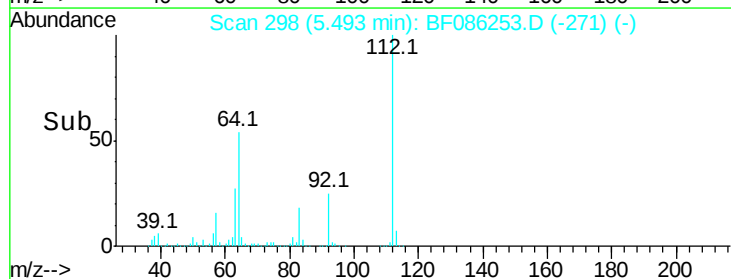
63 27.5 25.5 38.3

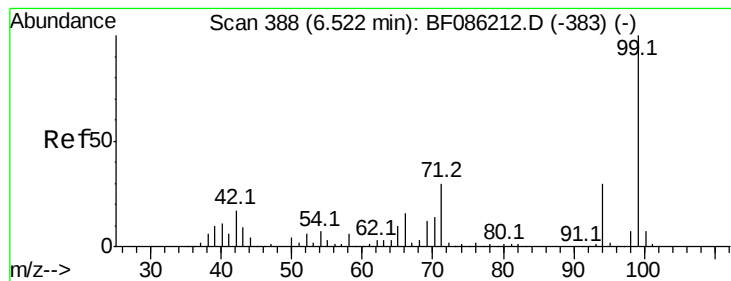


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.32 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampled :

B6GW

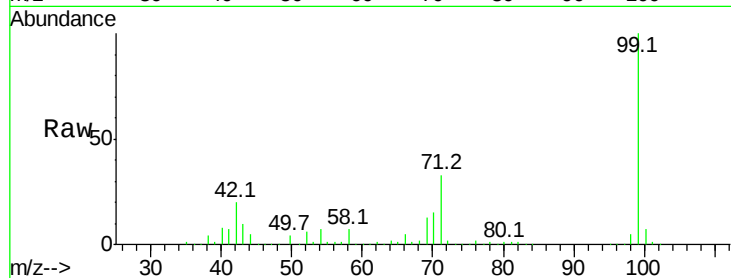
Tot Ion: 99 Resp: 996141

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.2

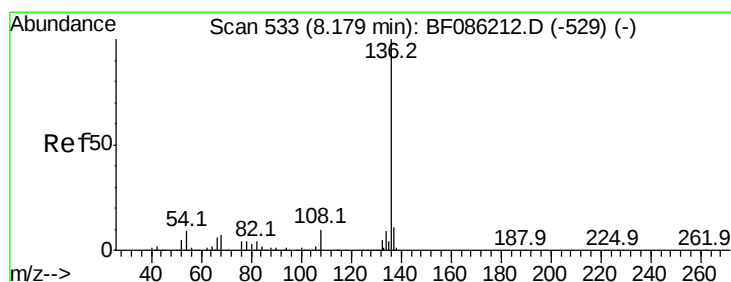
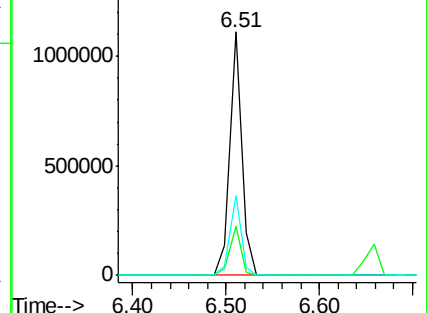
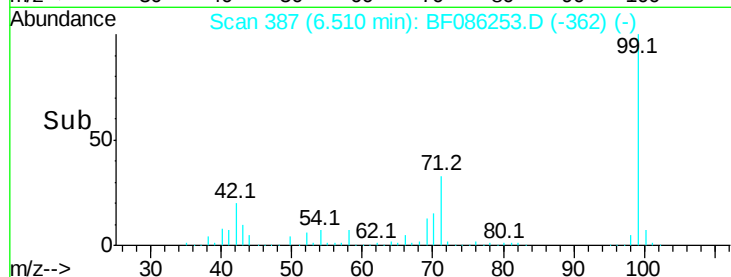
71 32.8 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Tgt Ion: 136 Resp: 1172900

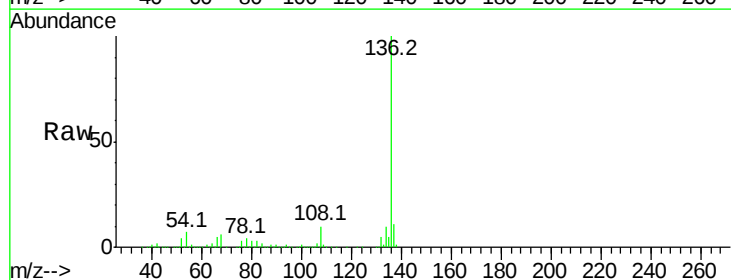
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.3 7.3 10.9#

68 6.2 5.7 8.5

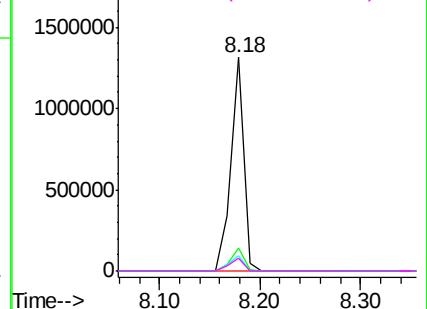
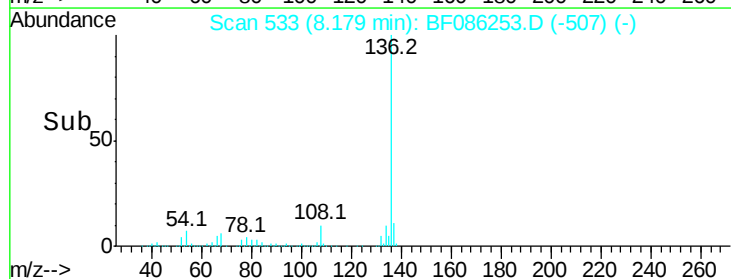


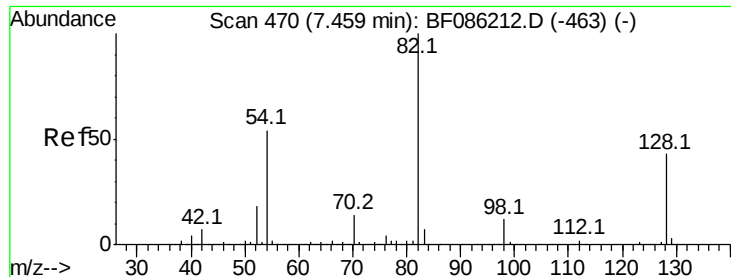
Abundance Ion 136.00 (135.70 to 136.70): E

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



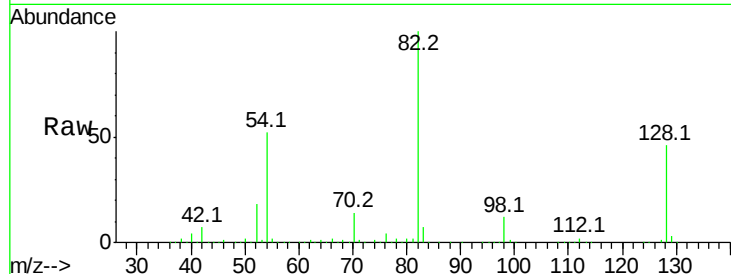


#23
 Nitrobenzene-d5
 Concen: 86.76 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

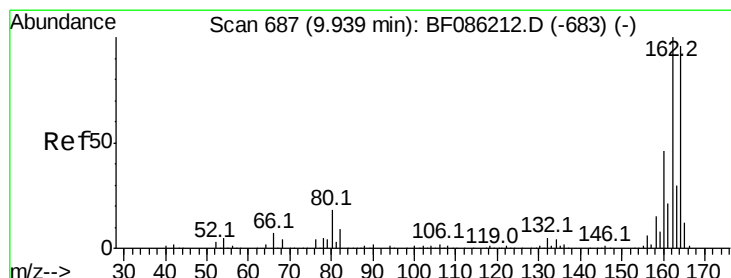
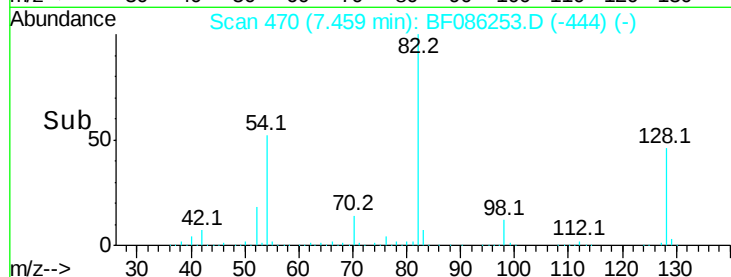
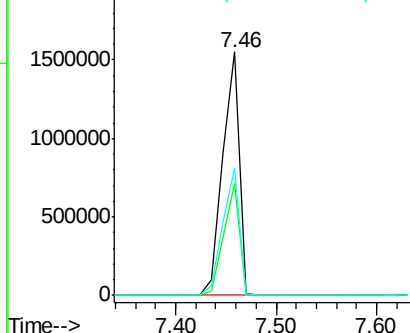
Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Tot Ion: 82 Resp: 1764246

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.4	53.2
54	52.2	43.4	65.0



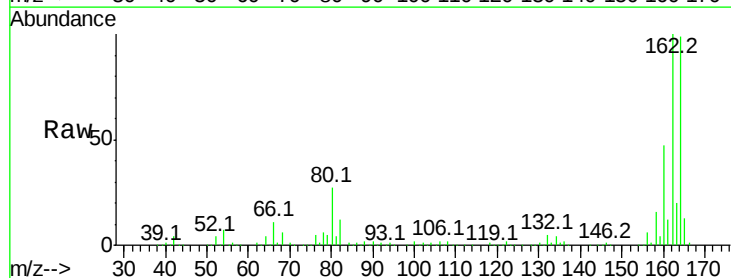
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



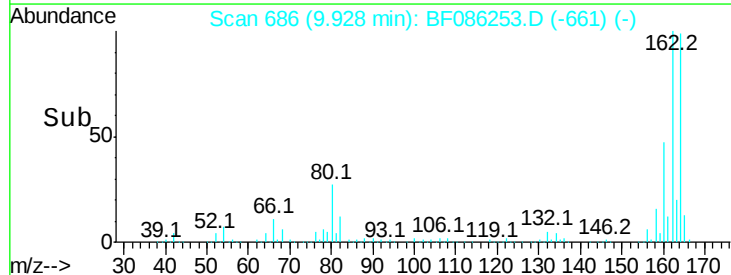
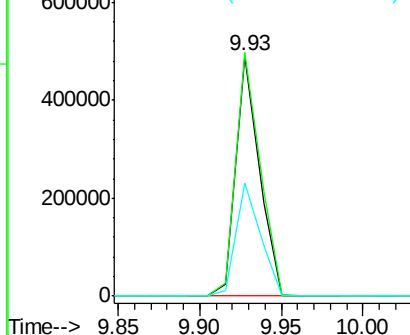
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

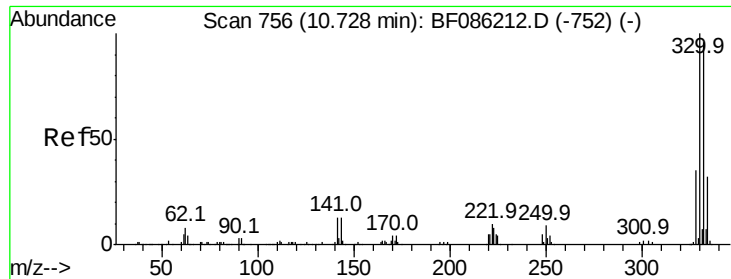
Tgt Ion:164 Resp: 484441

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	47.2	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

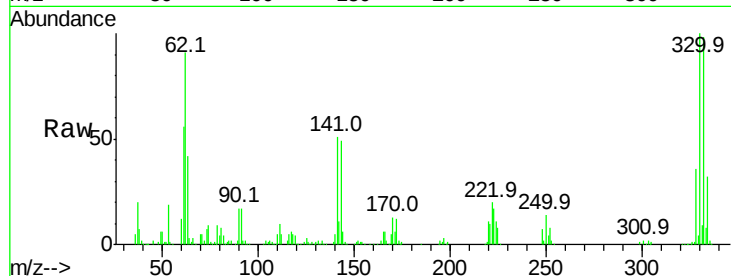




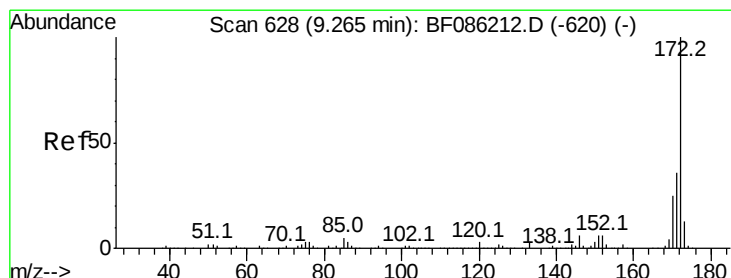
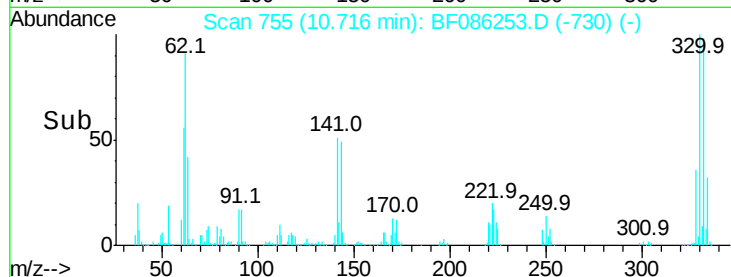
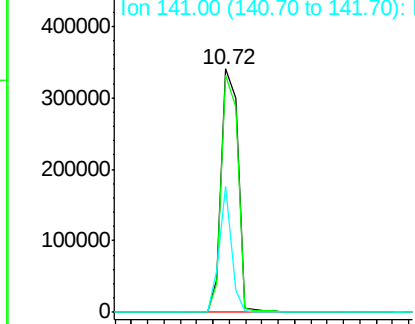
#41
 2,4,6-Tribromophenol
 Concen: 123.97 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.7	118.1
141	38.4	28.6	42.8

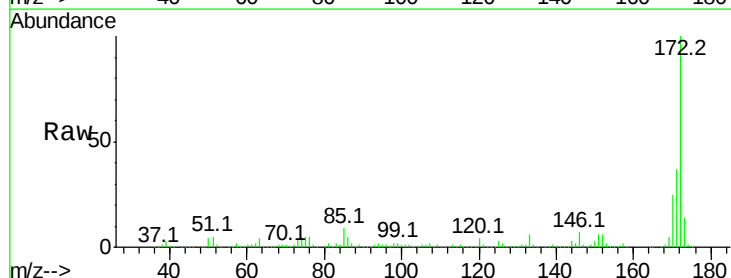


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

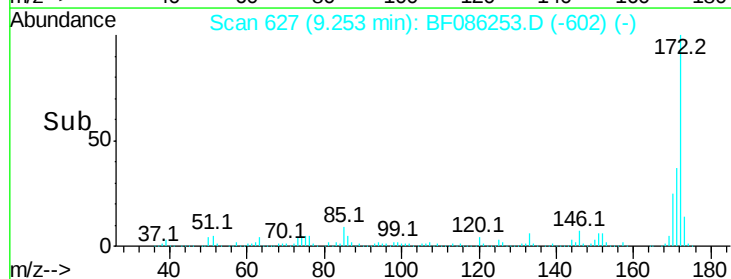
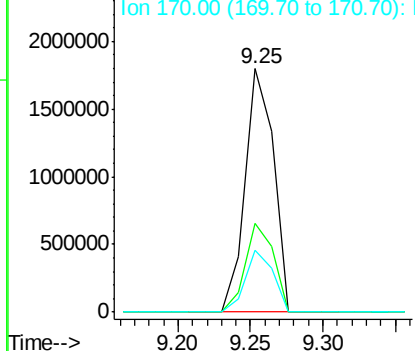


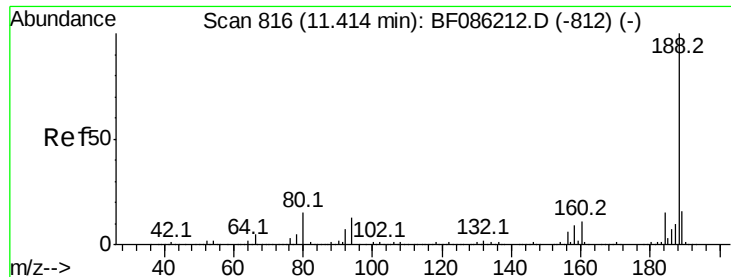
#44
 2-Fluorobiphenyl
 Concen: 92.88 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.3	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

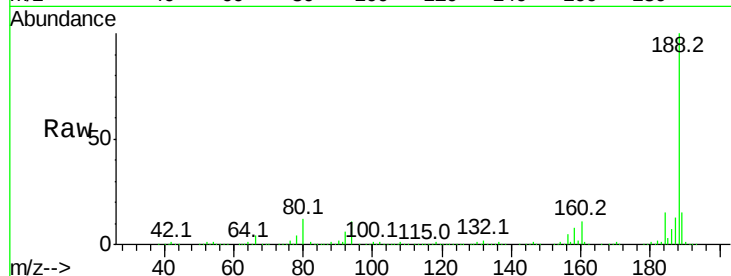




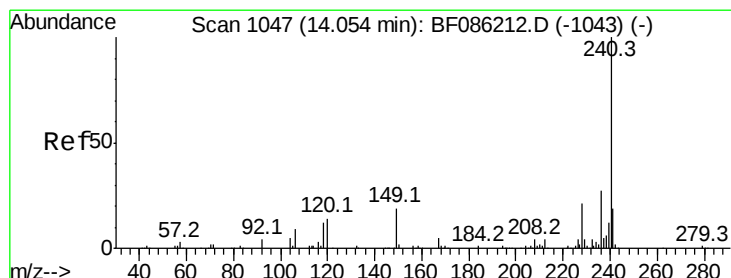
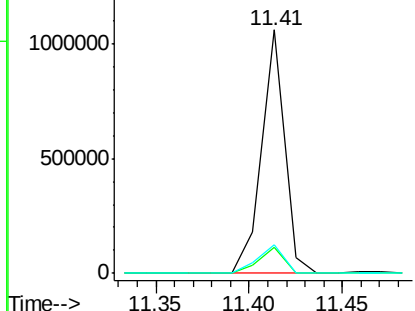
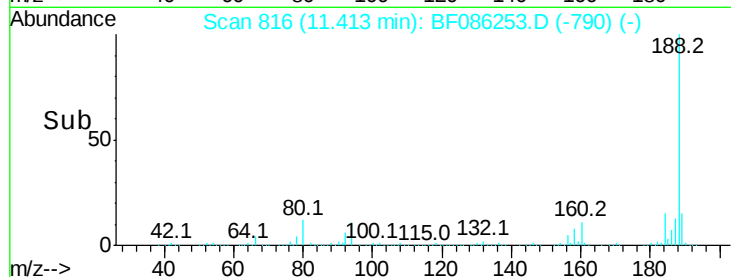
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086253.D
Acq: 16 Apr 2016 9:20

Instrument :
BNA_F
ClientSampleId :
B6GW

Tot Ion:188 Resp: 902464
Ion Ratio Lower Upper
188 100
94 10.7 9.8 14.8
80 11.6 10.5 15.7

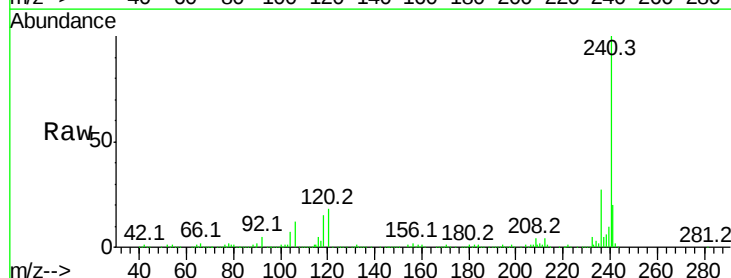


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

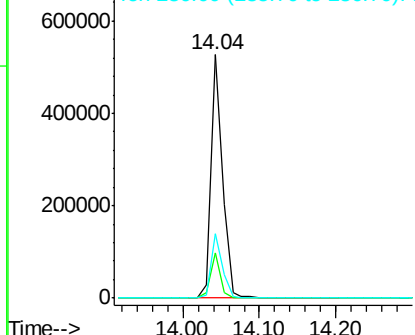
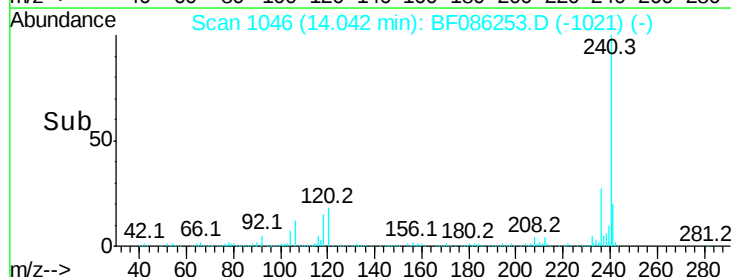


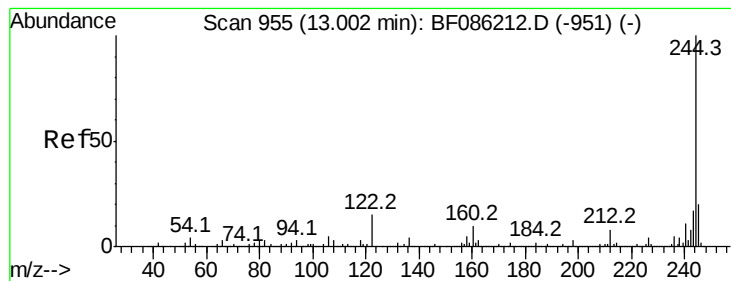
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086253.D
Acq: 16 Apr 2016 9:20

Tgt Ion:240 Resp: 537594
Ion Ratio Lower Upper
240 100
120 18.4 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





#78

Terphenyl-d14

Concen: 81.37 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampleId :

B6GW

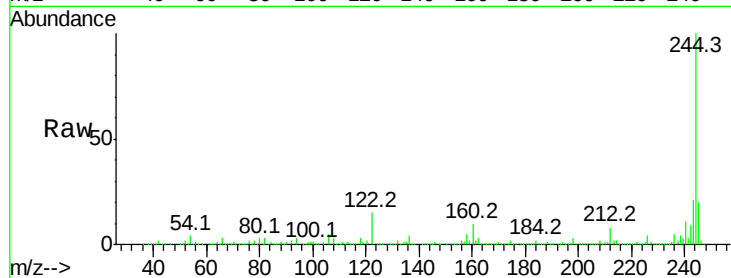
Tot Ion:244 Resp: 1739636

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

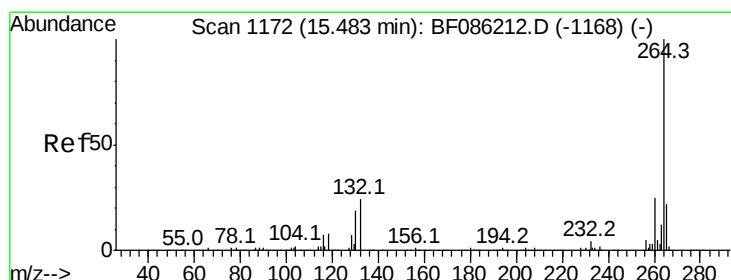
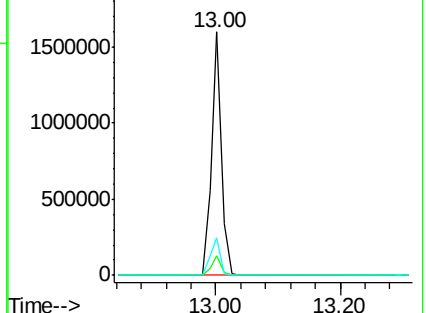
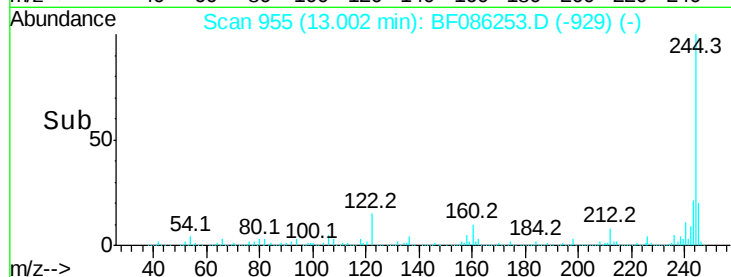
122 15.3 11.7 17.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

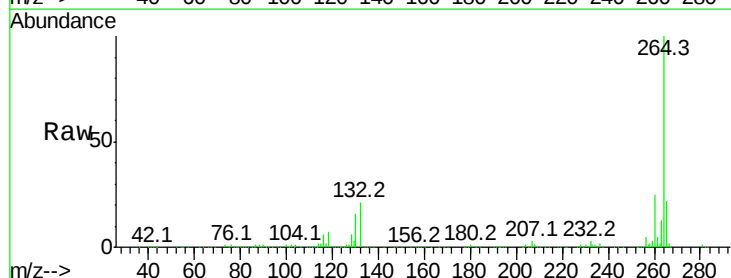
Tgt Ion:264 Resp: 457108

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.8 17.4 26.0



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

