

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086227.D
 Acq On : 15 Apr 2016 20:16
 Operator : UM/SJ
 Sample : H2402-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02S-4-7-16

Quant Time: Apr 16 01:16:05 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	278023	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1137626	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	492552	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	869019	20.00	ng	0.00
75) Chrysene-d12	14.04	240	604391	20.00	ng	-0.01
86) Perylene-d12	15.48	264	459684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1037741	61.16	ng	0.00
7) Phenol-d6	6.51	99	948666	44.70	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1786388	90.57	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	530095	134.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2597503	97.31	ng	0.00
78) Terphenyl-d14	13.00	244	1905676	79.29	ng	0.00

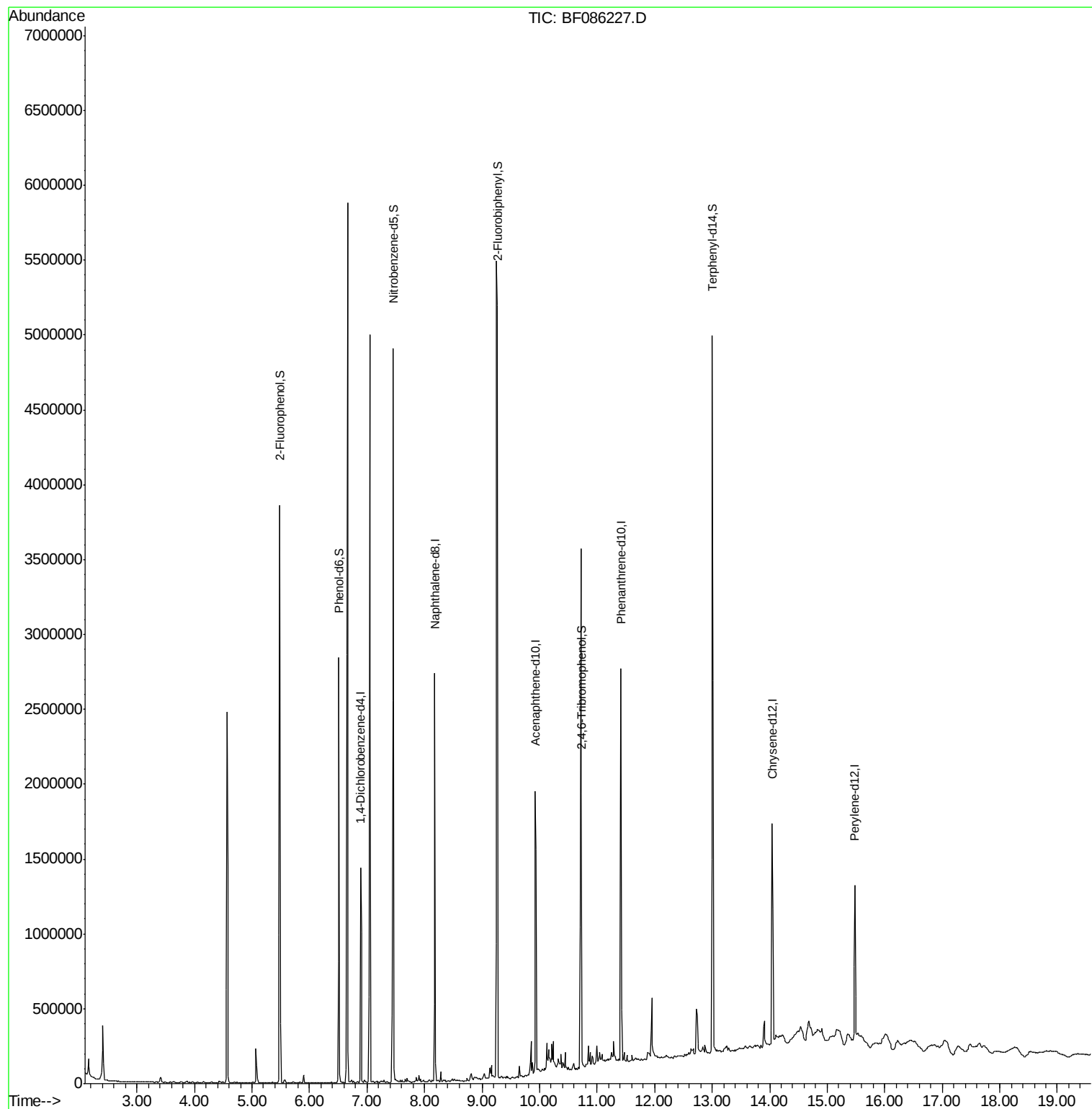
Target Compounds Qvalue

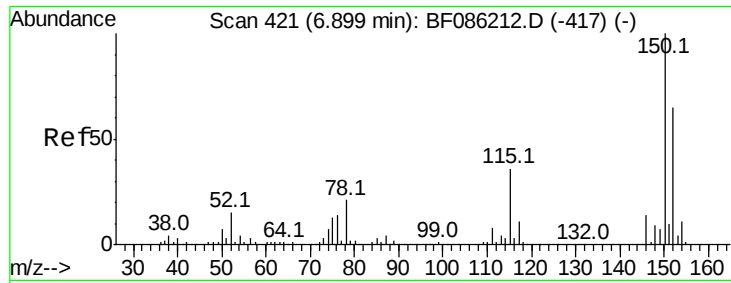
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086227.D
Acq On : 15 Apr 2016 20:16
Operator : UM/SJ
Sample : H2402-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02S-4-7-16

Quant Time: Apr 16 01:16:05 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



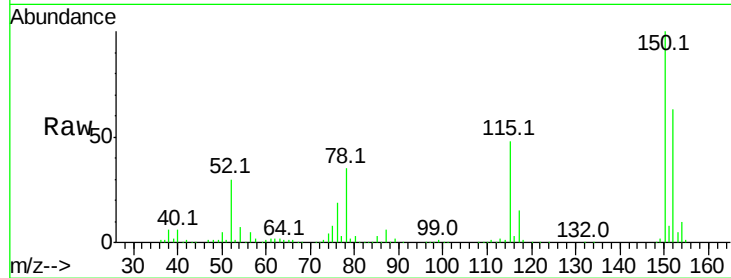


#1

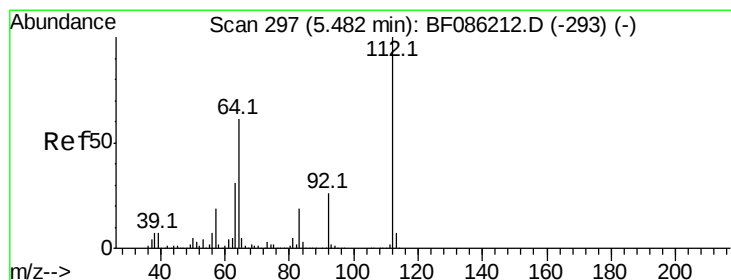
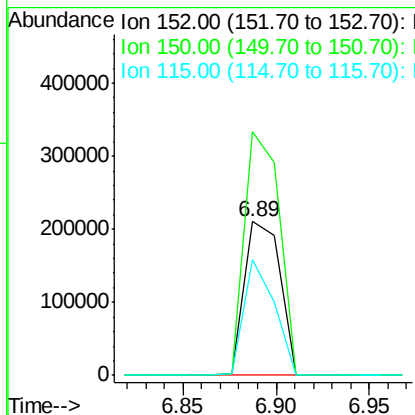
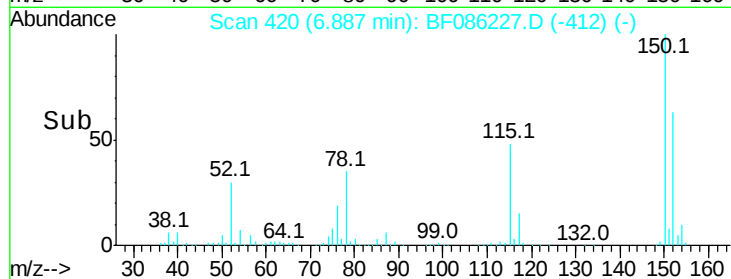
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 GW-02S-4-7-16

Tot Ion:152 Resp: 278023
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.1 186.1
 115 75.5 43.9 65.9#



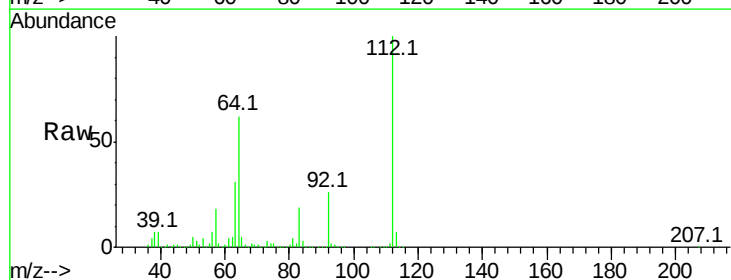
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



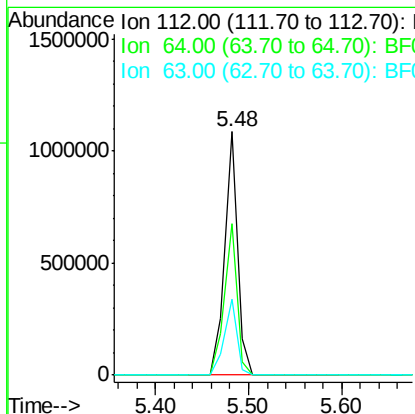
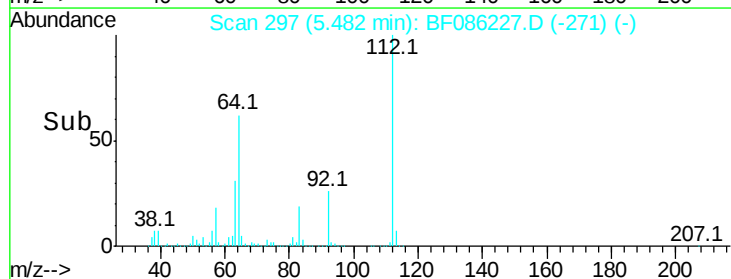
#5

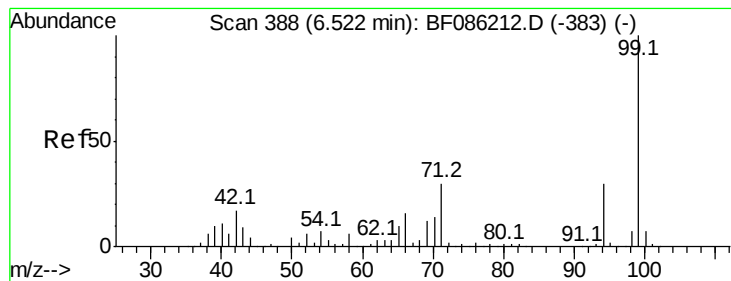
2-Fluorophenol
 Concen: 61.16 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

Tgt Ion:112 Resp: 1037741
 Ion Ratio Lower Upper
 112 100
 64 62.3 48.1 72.1
 63 31.0 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: 44.70 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086227.D

Acq: 15 Apr 2016 20:16

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

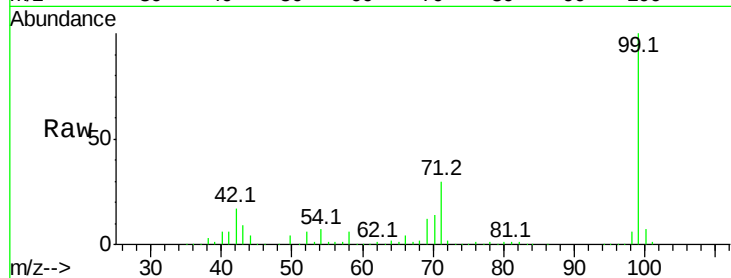
Tot Ion: 99 Resp: 948666

Ion Ratio Lower Upper

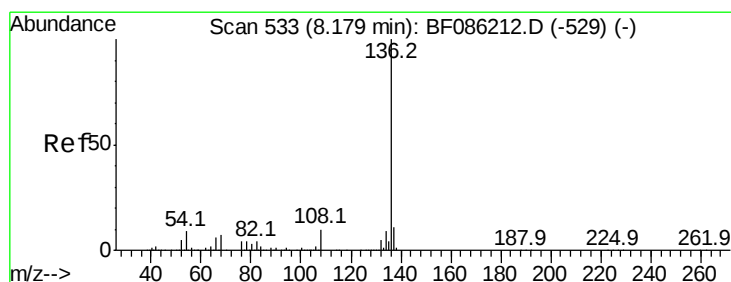
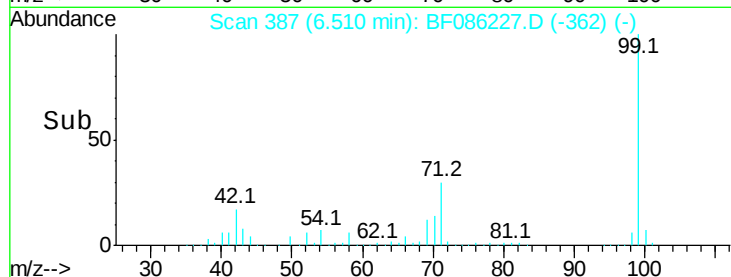
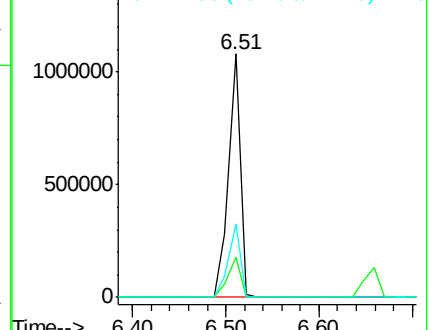
99 100

42 16.6 15.4 23.2

71 30.3 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: BF086227.D

Acq: 15 Apr 2016 20:16

Tgt Ion:136 Resp: 1137626

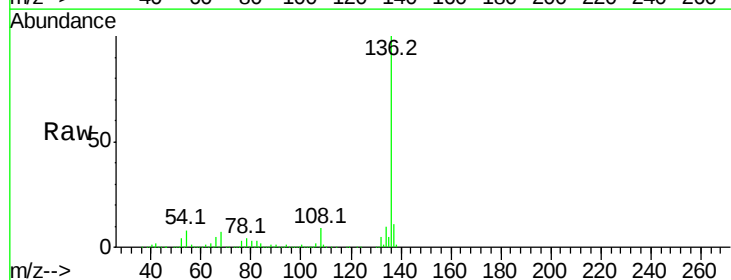
Ion Ratio Lower Upper

136 100

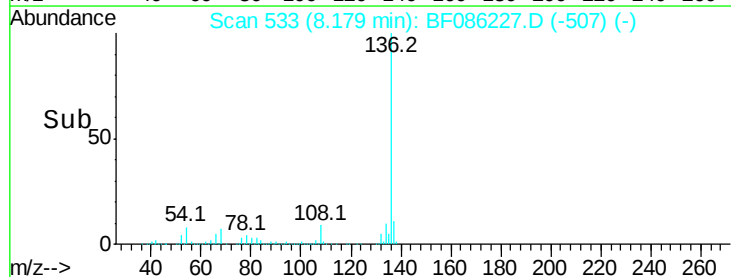
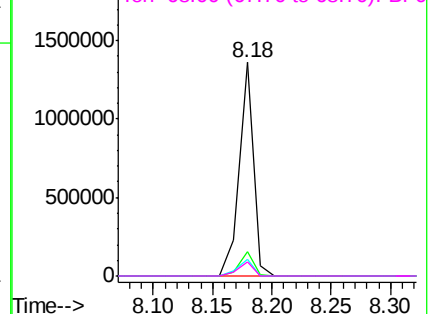
137 11.3 9.1 13.7

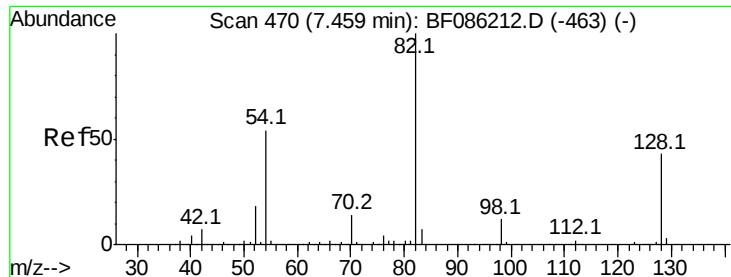
54 7.6 7.3 10.9

68 6.6 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

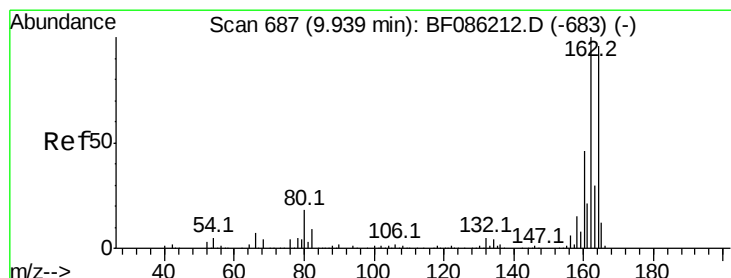
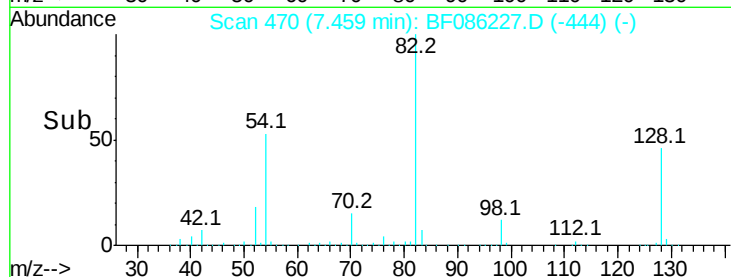
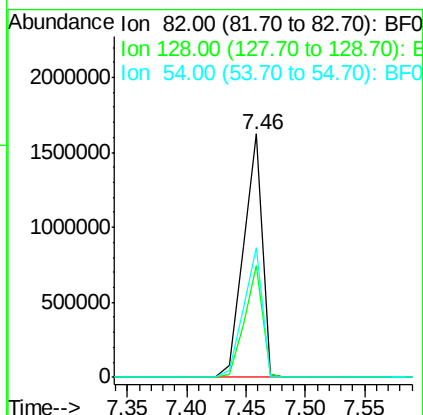
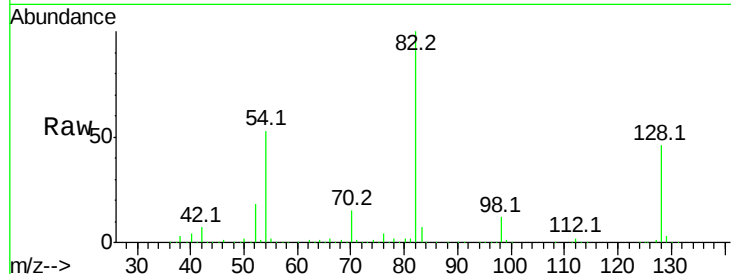




#23
Nitrobenzene-d5
Concen: 90.57 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF086227.D
Acq: 15 Apr 2016 20:16

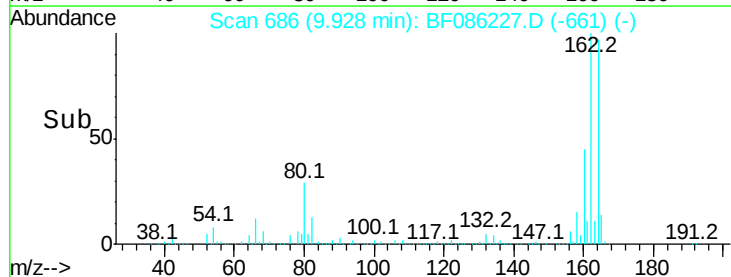
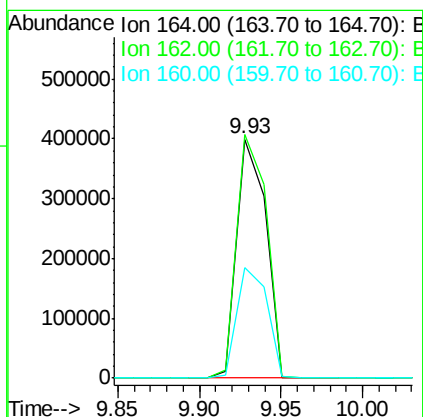
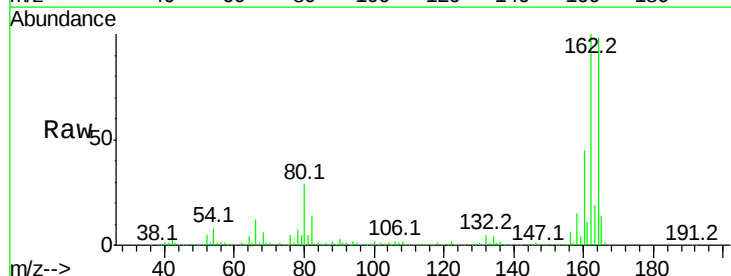
Instrument :
BNA_F
ClientSampleId :
GW-02S-4-7-16

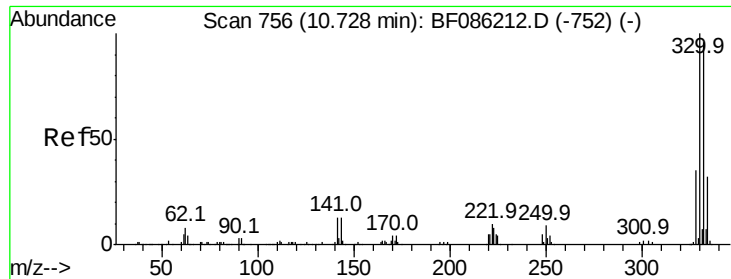
Tot Ion: 82 Resp: 1786388
Ion Ratio Lower Upper
82 100
128 46.1 35.4 53.2
54 53.4 43.4 65.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086227.D
Acq: 15 Apr 2016 20:16

Tgt Ion:164 Resp: 492552
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 46.2 38.9 58.3

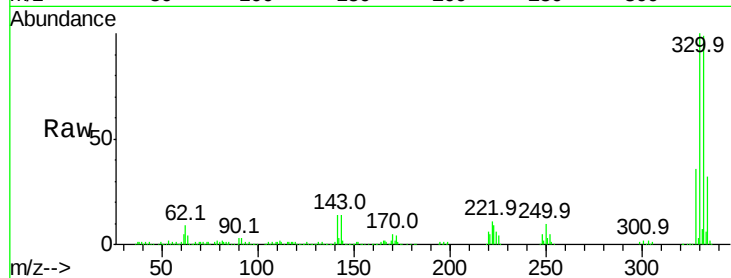




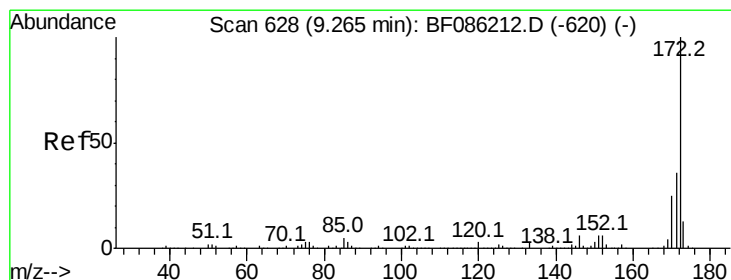
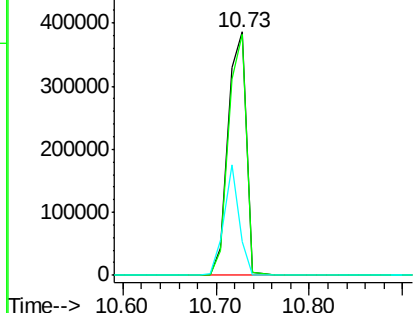
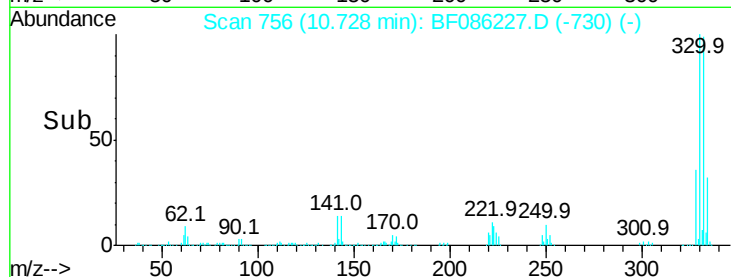
#41
 2,4,6-Tribromophenol
 Concen: 134.03 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 GW-02S-4-7-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.7	118.1
141	37.1	28.6	42.8

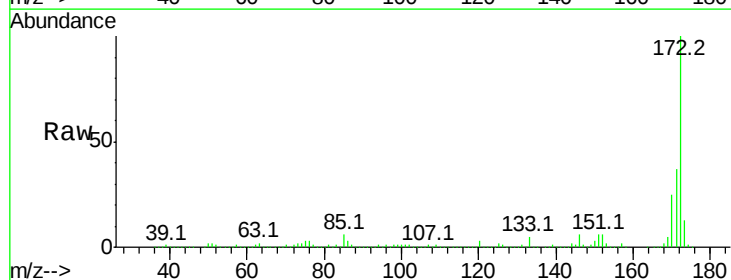


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

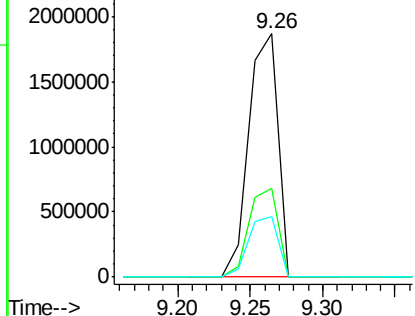
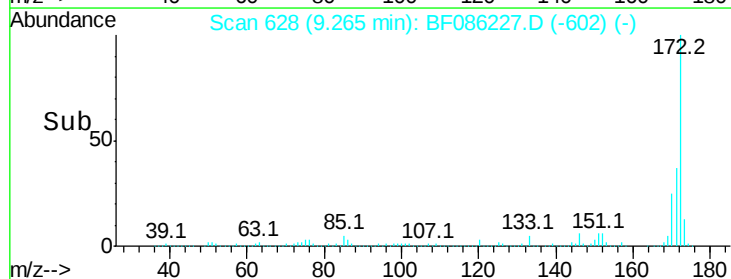


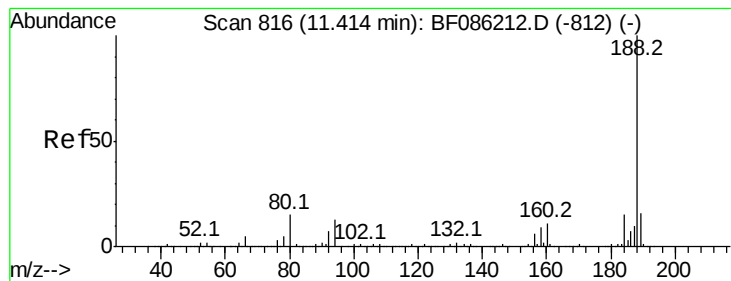
#44
 2-Fluorobiphenyl
 Concen: 97.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.8	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: BF086227.D

Acq: 15 Apr 2016 20:16

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

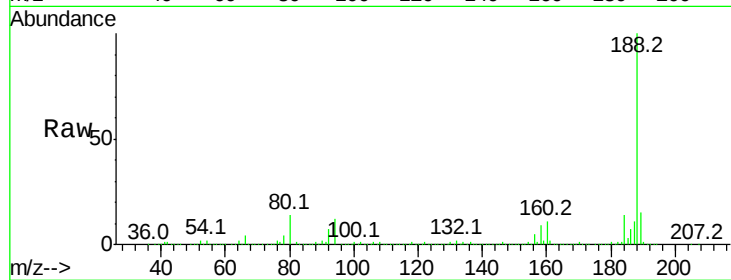
Tot Ion:188 Resp: 869019

Ion Ratio Lower Upper

188 100

94 12.1 9.8 14.8

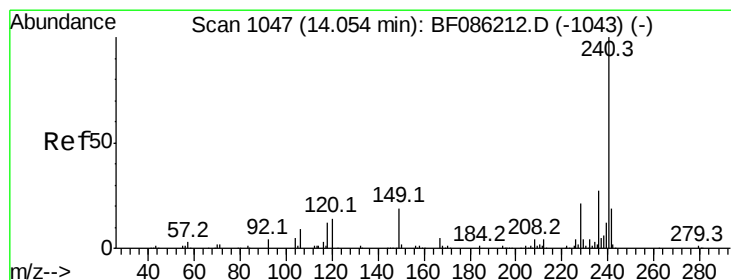
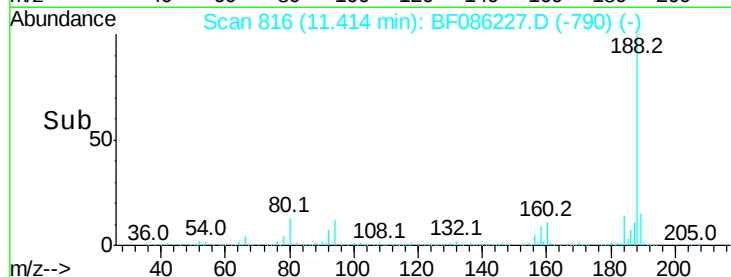
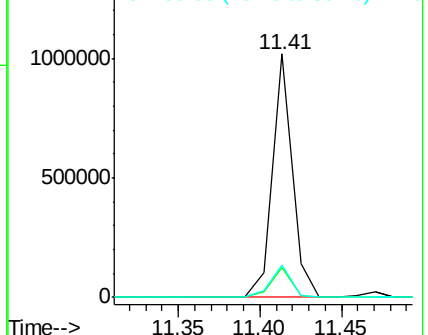
80 13.5 10.5 15.7



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: BF086227.D

Acq: 15 Apr 2016 20:16

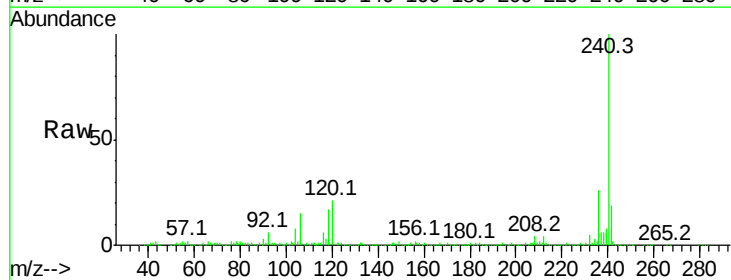
Tgt Ion:240 Resp: 604391

Ion Ratio Lower Upper

240 100

120 21.0 9.3 13.9#

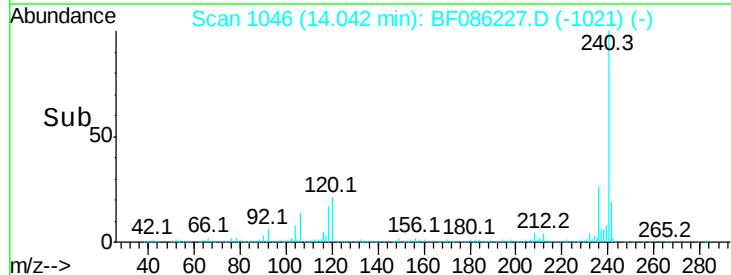
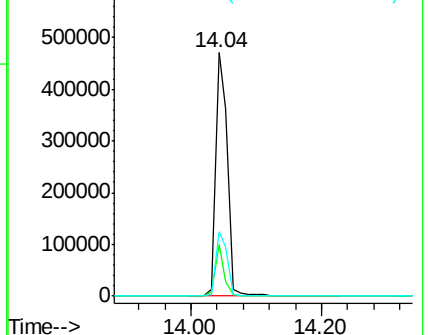
236 26.2 21.1 31.7

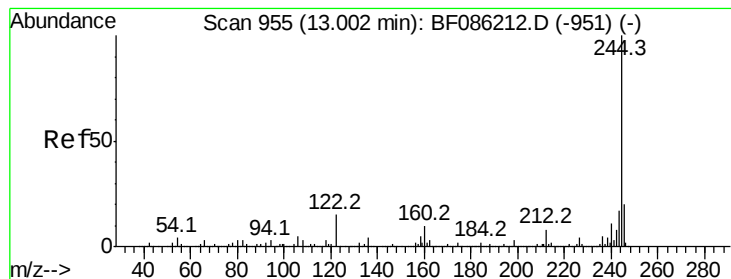


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.29 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086227.D

Acq: 15 Apr 2016 20:16

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

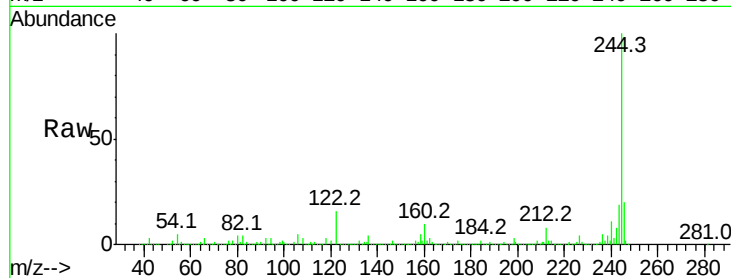
Tot Ion:244 Resp: 1905676

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

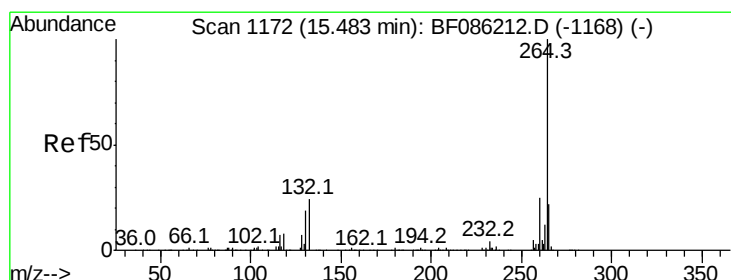
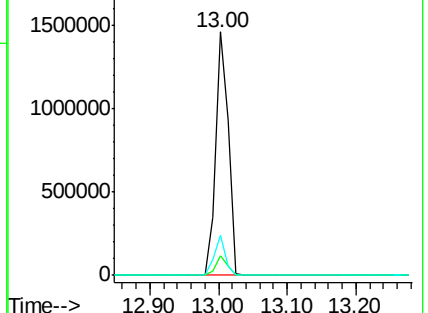
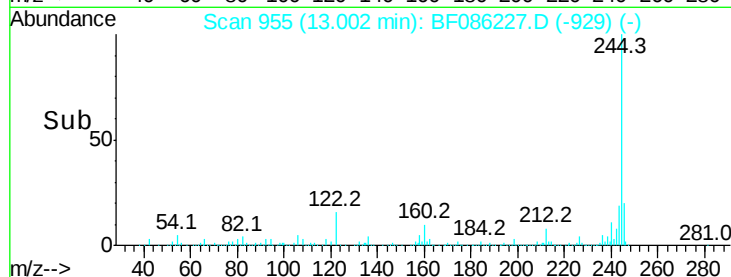
122 16.4 11.7 17.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF086227.D

Acq: 15 Apr 2016 20:16

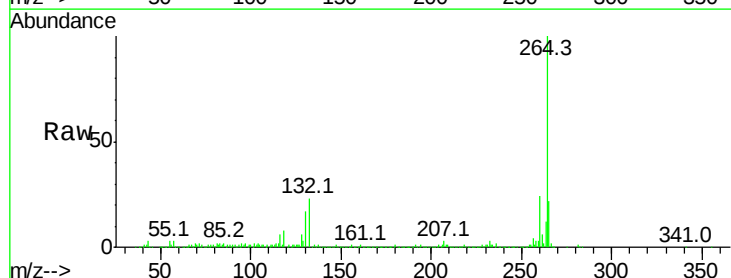
Tgt Ion:264 Resp: 459684

Ion Ratio Lower Upper

264 100

260 24.4 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

