

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086276.D
 Acq On : 18 Apr 2016 12:30
 Operator : UM/SJ
 Sample : H2402-02RE
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01S-4-7-16RE

Quant Time: Apr 19 01:09:32 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

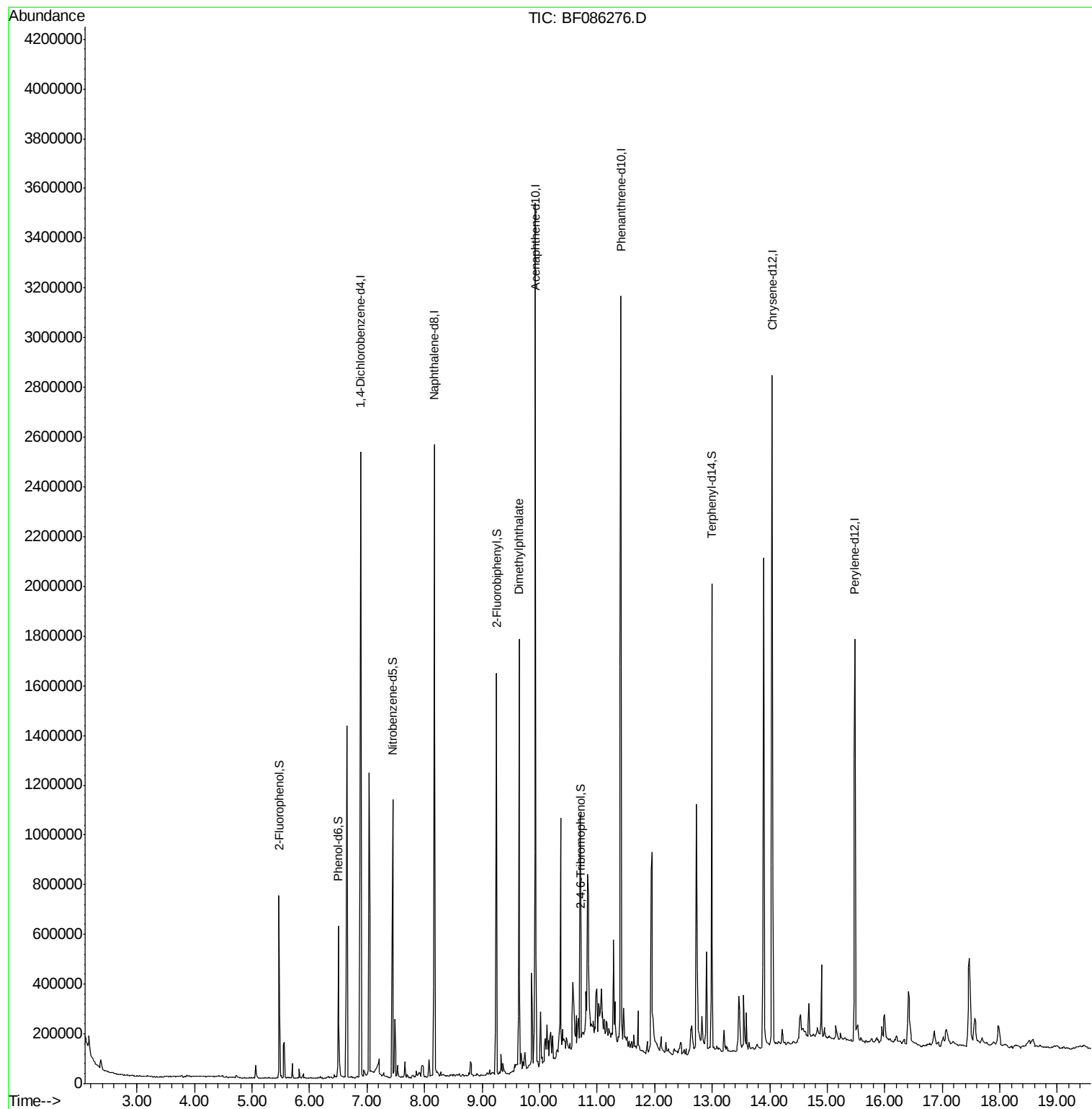
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	388028	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1527119	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	683445	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1263935	20.00	ng	0.00
75) Chrysene-d12	14.04	240	891279	20.00	ng	-0.01
86) Perylene-d12	15.48	264	777555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	215357	9.09	ng	-0.01
7) Phenol-d6	6.50	99	201080	6.79	ng	-0.02
23) Nitrobenzene-d5	7.45	82	427327	16.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	99615	18.15	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	730405	19.72	ng	-0.01
78) Terphenyl-d14	12.99	244	558388	15.75	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	689525	13.88	ng	99

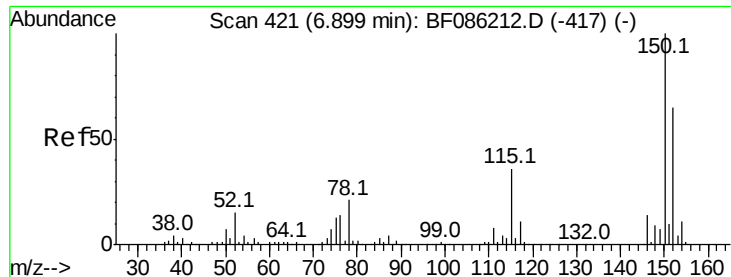
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086276.D

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BNA_F

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GW-01S-4-7-16RE

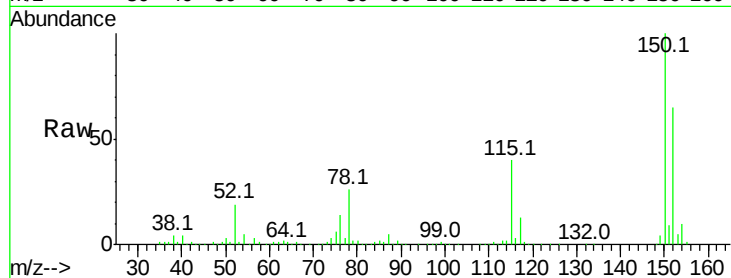
Tot Ion:152 Resp: 388028

Ion Ratio Lower Upper

152 100

150 153.7 124.1 186.1

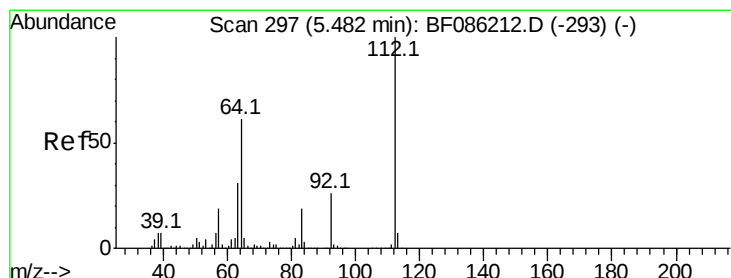
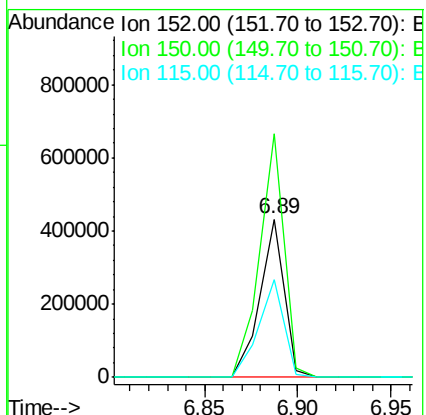
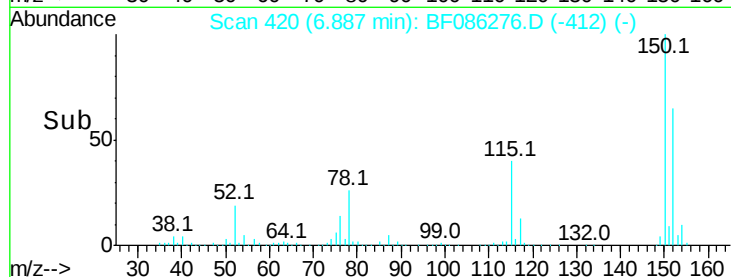
115 61.4 43.9 65.9



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: 9.09 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

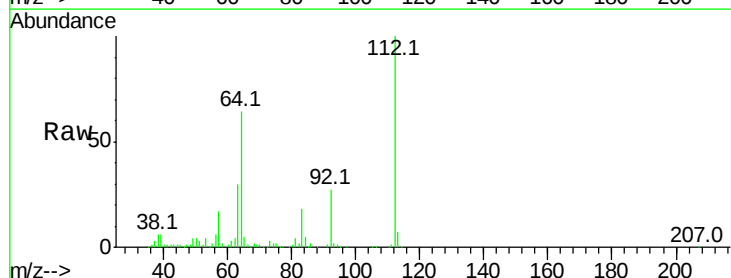
Tgt Ion:112 Resp: 215357

Ion Ratio Lower Upper

112 100

64 64.2 48.1 72.1

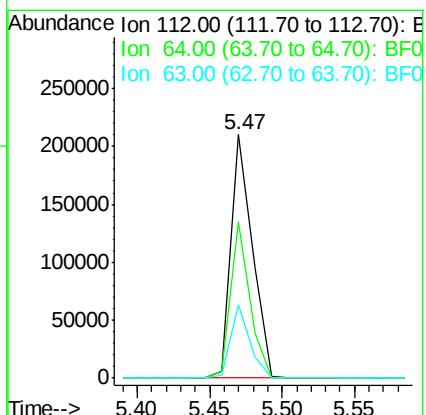
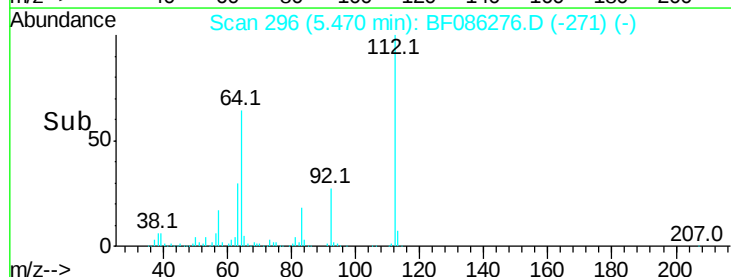
63 30.3 25.5 38.3

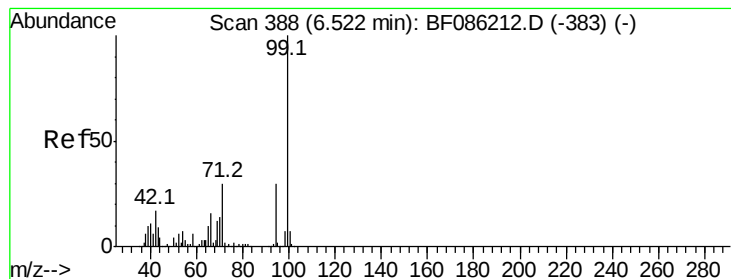


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.79 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

Instrument :

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GW-01S-4-7-16RE

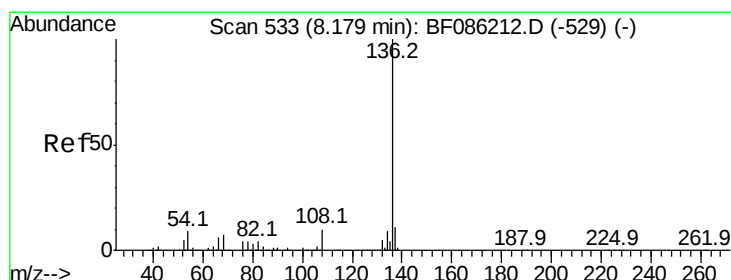
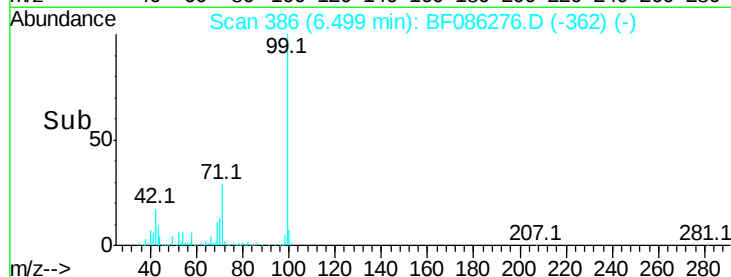
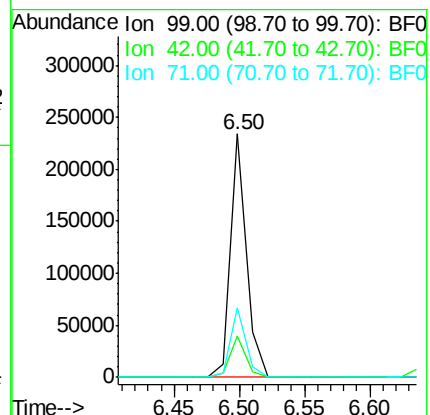
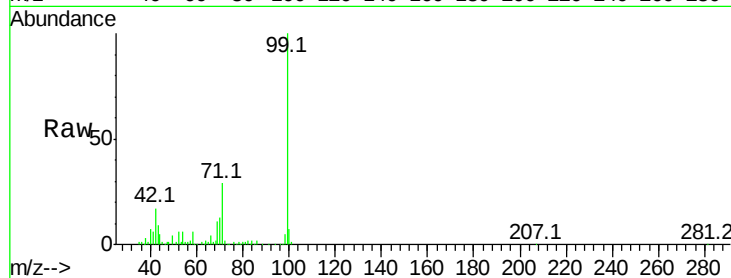
Tot Ion: 99 Resp: 201080

Ion Ratio Lower Upper

99 100

42 16.8 15.4 23.2

71 28.6 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

Tgt Ion: 136 Resp: 1527119

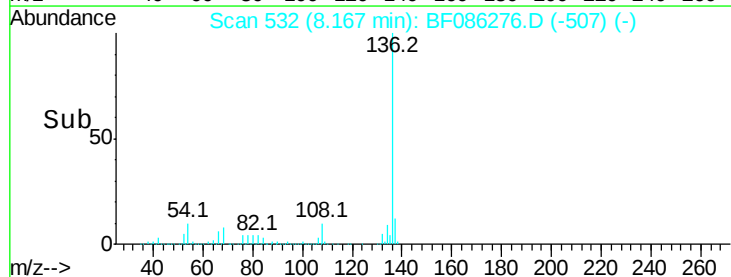
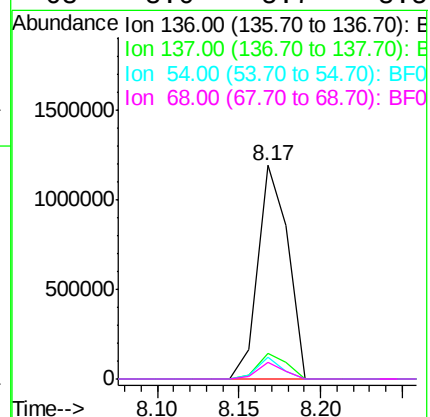
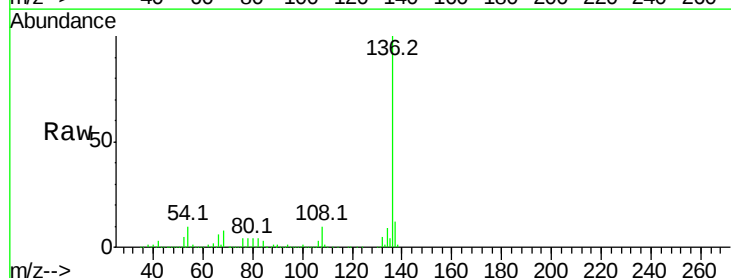
Ion Ratio Lower Upper

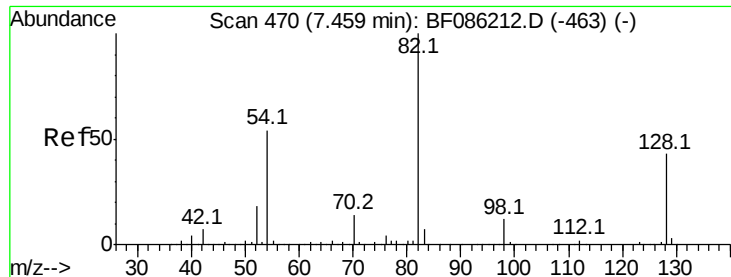
136 100

137 11.7 9.1 13.7

54 10.1 7.3 10.9

68 8.0 5.7 8.5

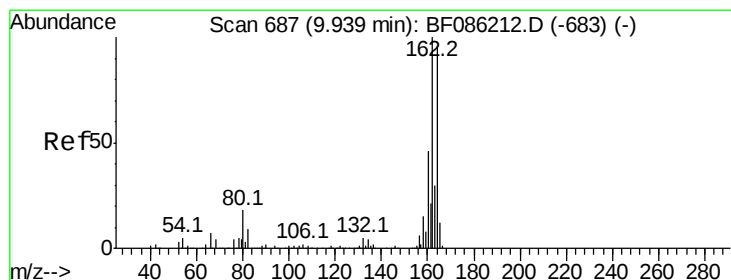
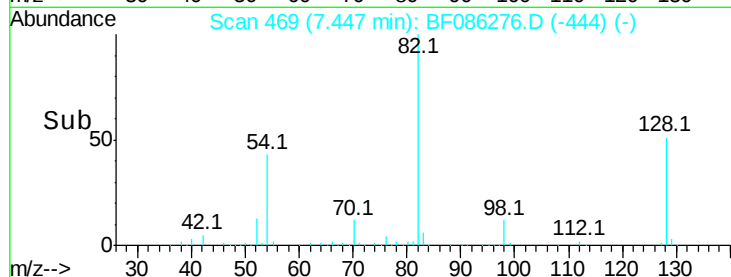
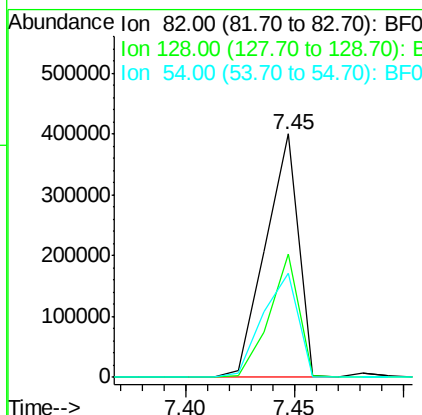
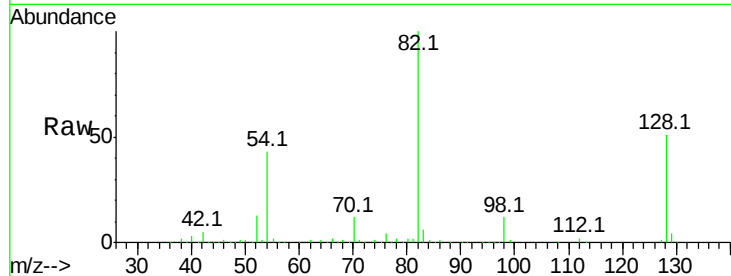




#23
 Nitrobenzene-d5
 Concen: 16.14 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

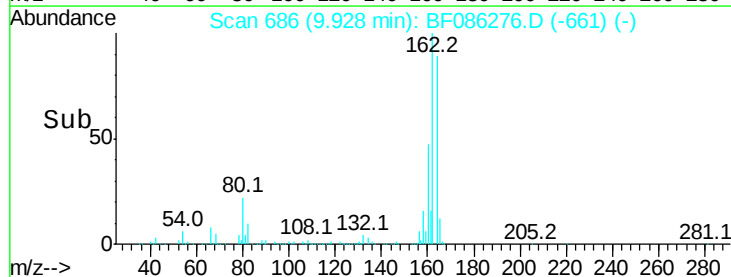
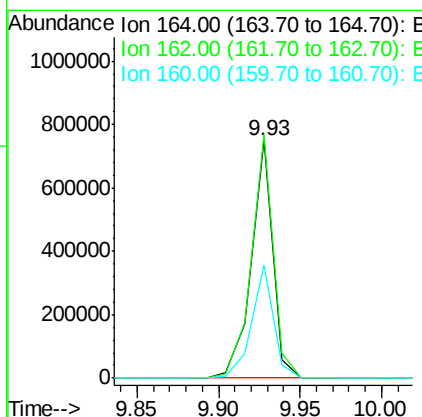
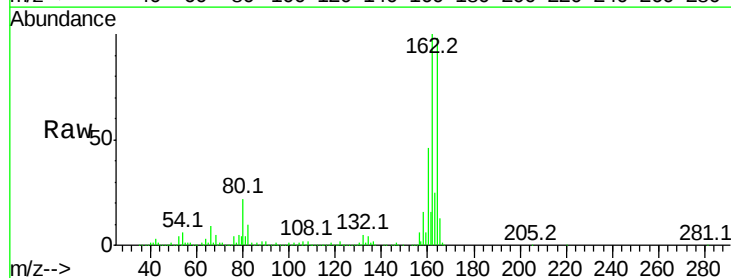
Instrument :
 BNA_F
 ClientSampleId :
 GW-01S-4-7-16RE

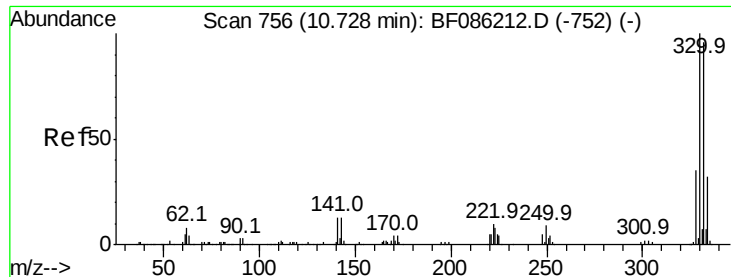
Tot Ion	82	Resp	427327
Ion Ratio	Lower	Upper	
82	100		
128	50.8	35.4	53.2
54	42.5	43.4	65.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

Tgt Ion	164	Resp	683445
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.8	124.2
160	47.5	38.9	58.3

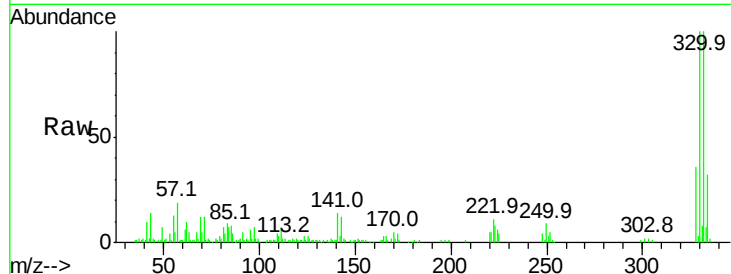




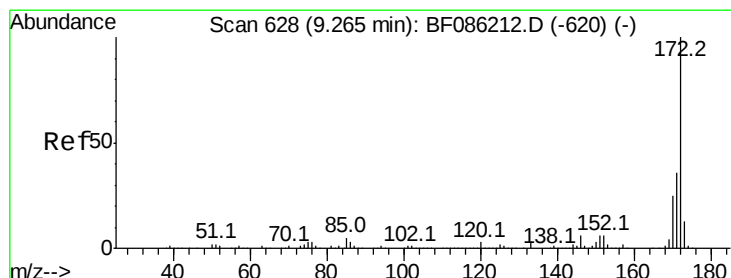
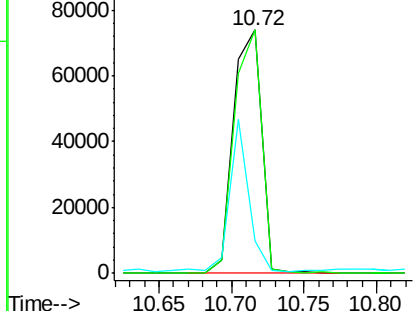
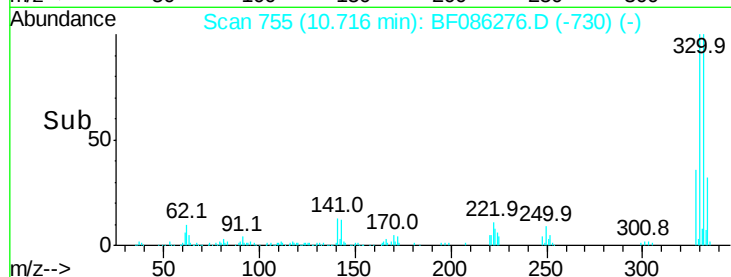
#41
 2,4,6-Tribromophenol
 Concen: 18.15 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-01S-4-7-16RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.7	118.1
141	42.7	28.6	42.8

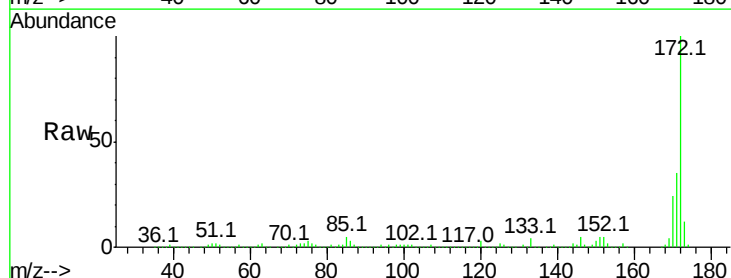


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

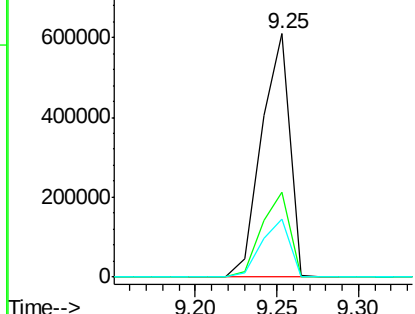
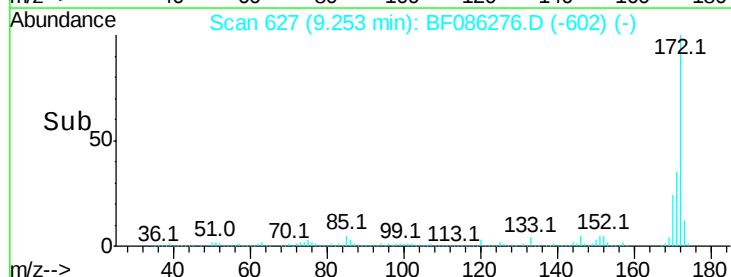


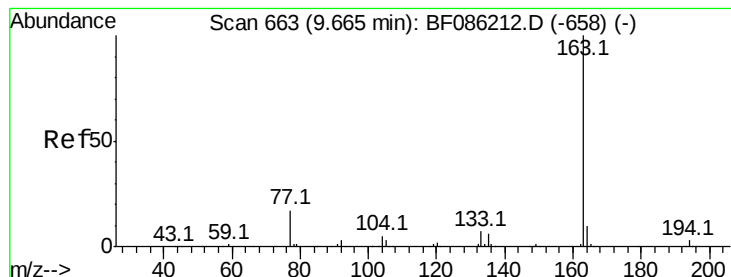
#44
 2-Fluorobiphenyl
 Concen: 19.72 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.9	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: 13.88 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16RE

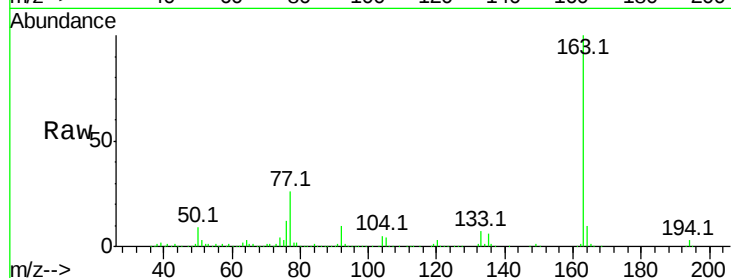
Tot Ion:163 Resp: 689525

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

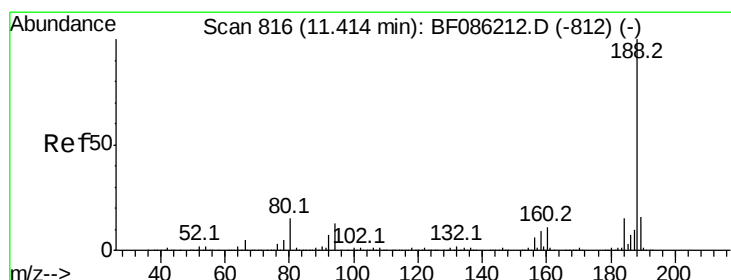
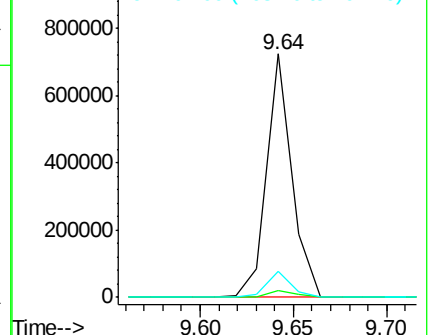
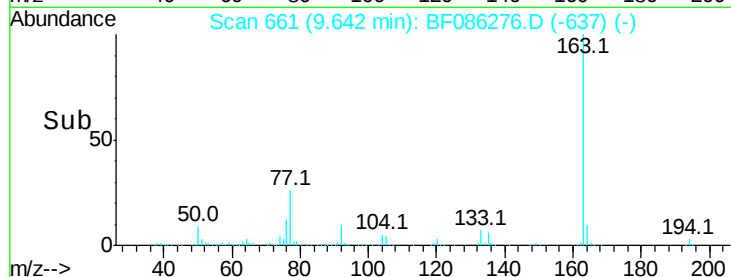
164 10.4 8.4 12.6



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: BF086276.D

Acq: 18 Apr 2016 12:30

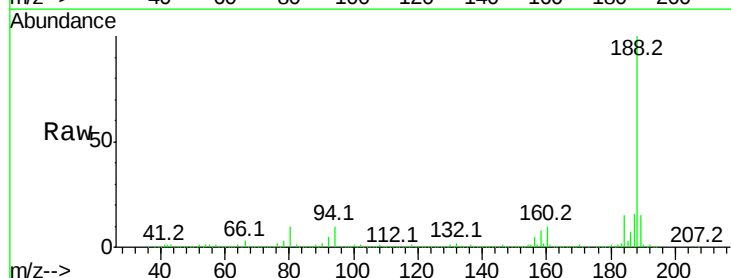
Tgt Ion:188 Resp: 1263935

Ion Ratio Lower Upper

188 100

94 9.5 9.8 14.8#

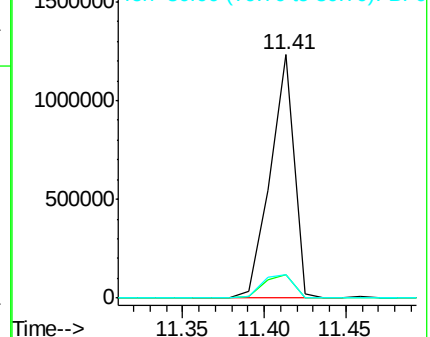
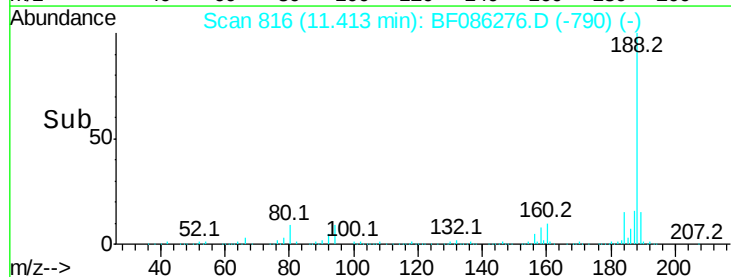
80 9.6 10.5 15.7#

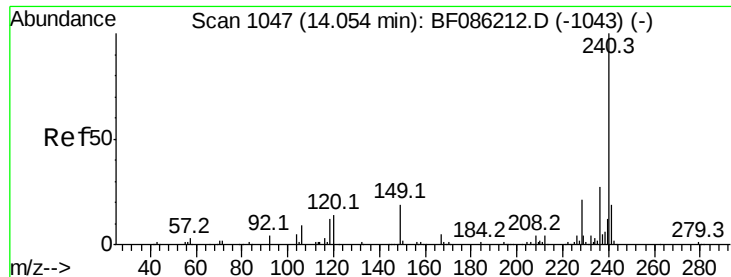


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086276.D

Acq: 18 Apr 2016 12:30

Instrument :

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ClientSampleId :

GW-01S-4-7-16RE

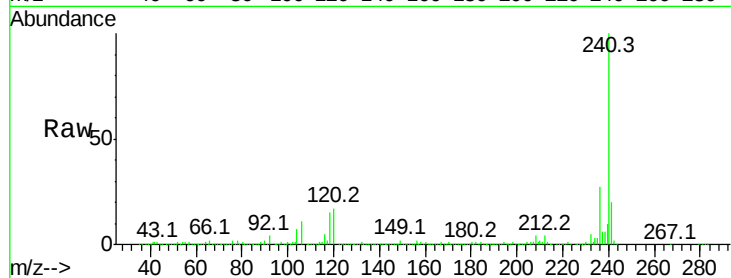
Tot Ion:240 Resp: 891279

Ion Ratio Lower Upper

240 100

120 16.8 9.3 13.9#

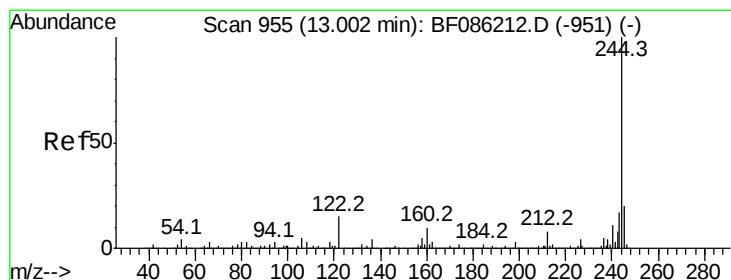
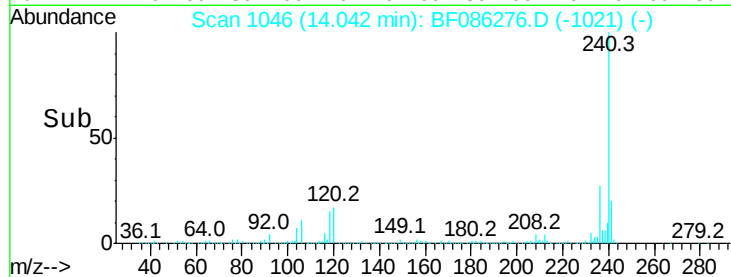
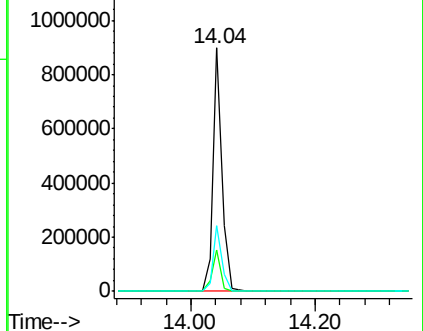
236 26.8 21.1 31.7



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: 15.75 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

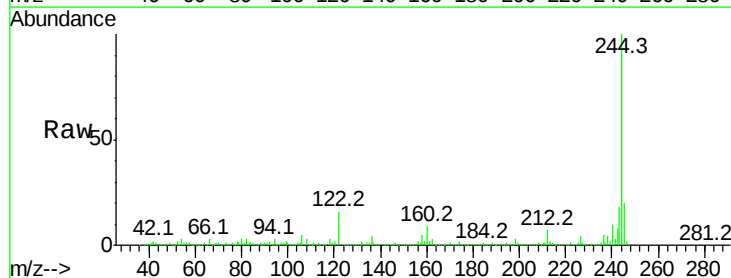
Tgt Ion:244 Resp: 558388

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

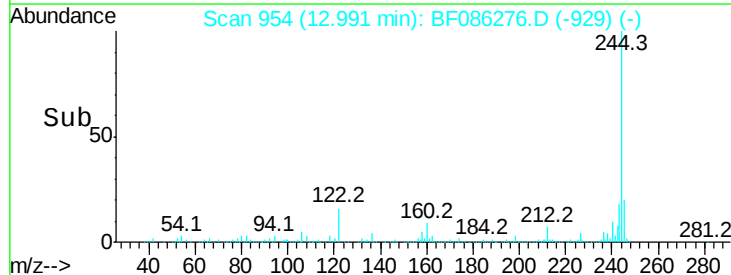
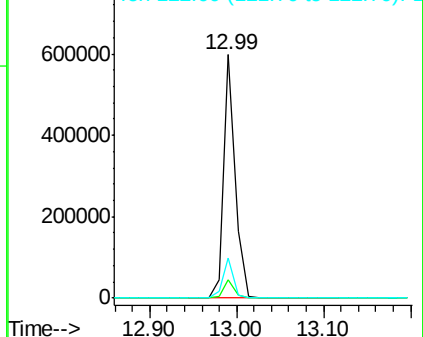
122 16.5 11.7 17.5

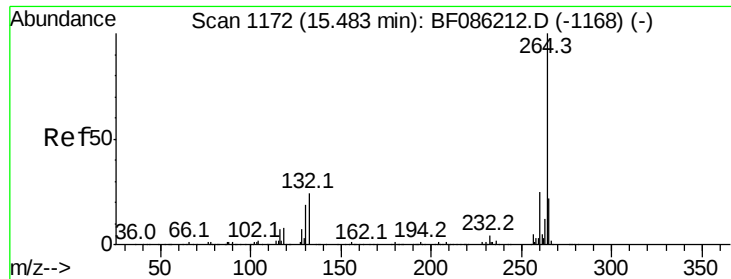


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086276.D
Acq: 18 Apr 2016 12:30

Instrument :
BNA_F
ClientSampleId :
GW-01S-4-7-16RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.7	17.4	26.0

