

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 00:47:12 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

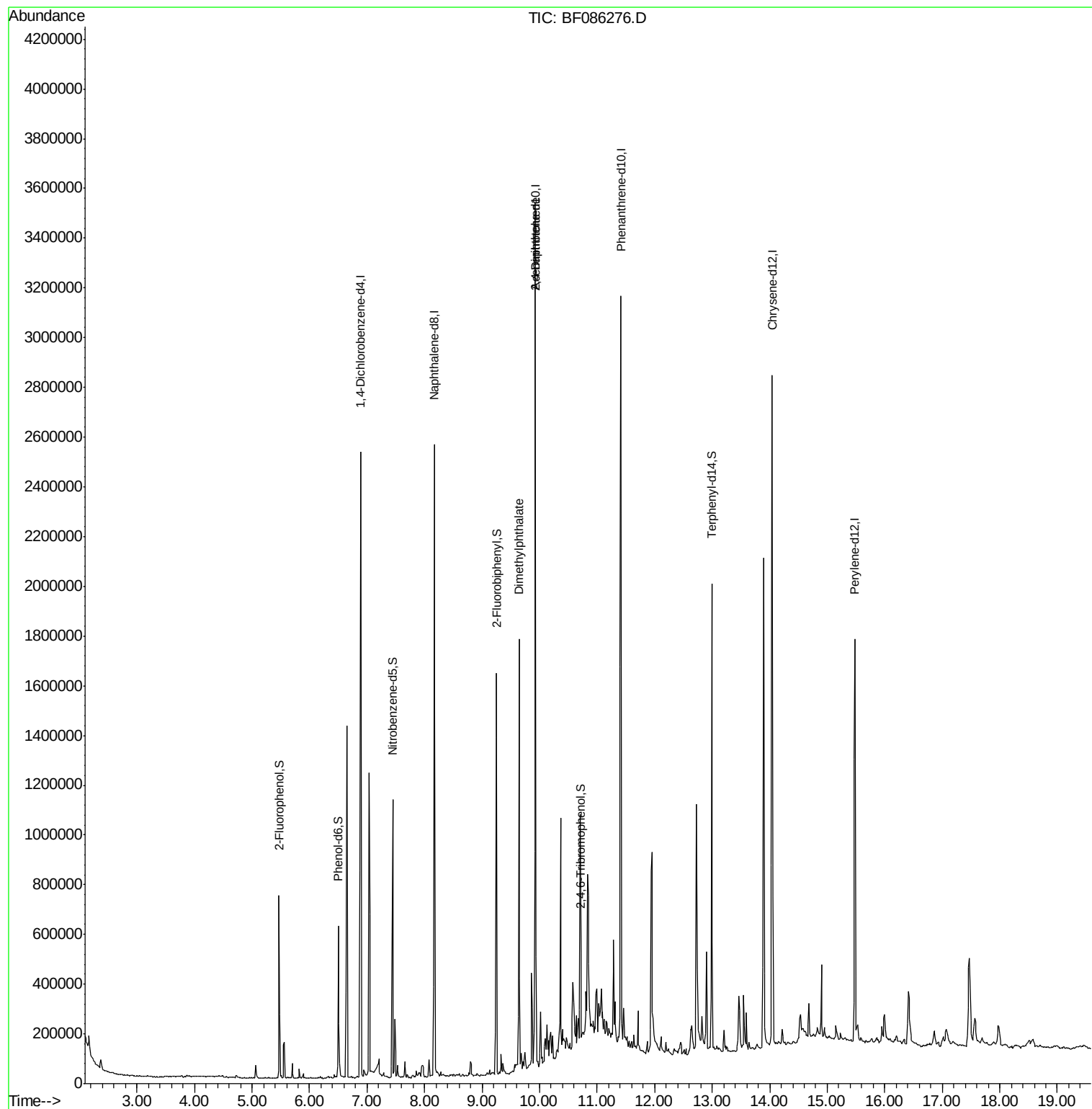
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	388028	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1527119	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	683445	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1263935	20.00	ng	0.00
75) Chrysene-d12	14.04	240	891279	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						
22) Acetophenone	7.29	105	2487	Below Cal	#	31
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	305	Below Cal	#	1
49) Dimethylphthalate	9.64	163	689525	13.88	ng	99
56) 2,4-Dinitrotoluene	9.93	165	90146	6.40	ng	# 31
57) Fluorene	10.48	166	3711	Below Cal	#	98
60) 4-Chlorophenyl-phenylether	10.46	204	430	Below Cal	#	13
71) Anthracene	11.44	178	14196	Below Cal		98
74) Fluoranthene	12.61	202	7904	Below Cal		87

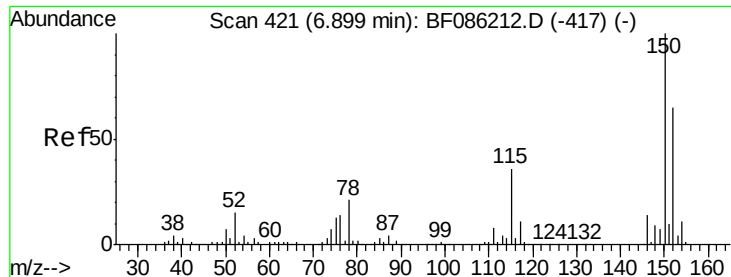
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086276.D

Acq: 18 Apr 2016 12:30

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16RE

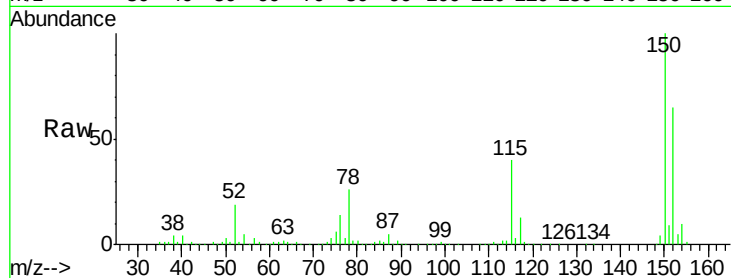
Tgt Ion:152 Resp: 388028

Ion Ratio Lower Upper

152 100

150 153.7 124.1 186.1

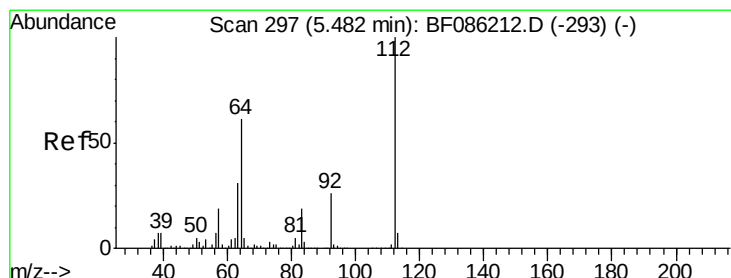
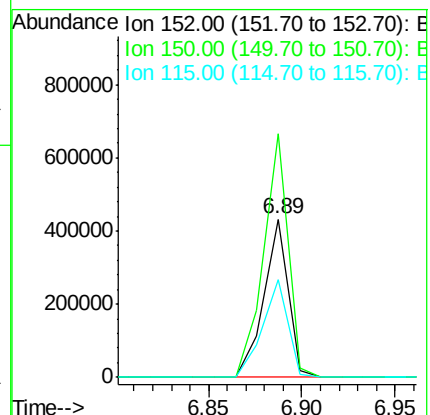
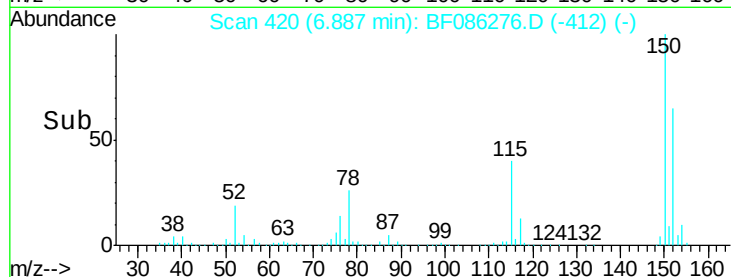
115 61.4 43.9 65.9



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

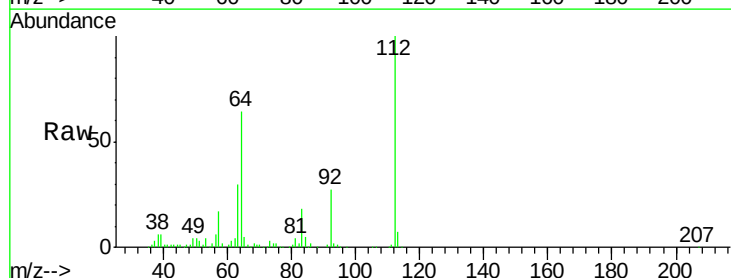
Tgt Ion:112 Resp: 215357

Ion Ratio Lower Upper

112 100

64 64.2 48.1 72.1

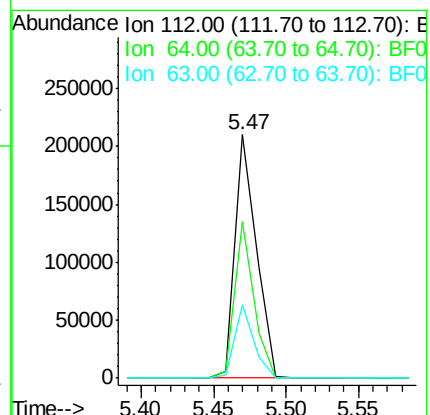
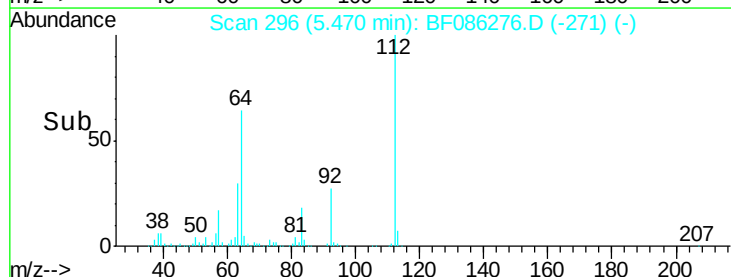
63 30.3 25.5 38.3

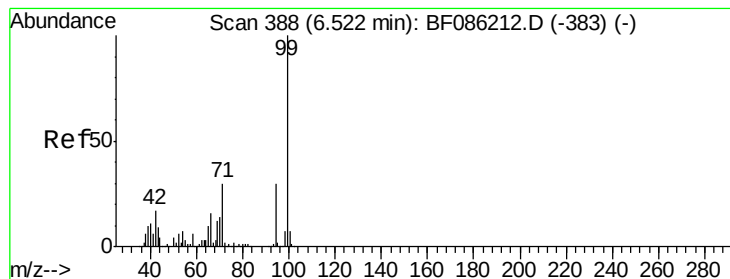


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

BNA_F

ClientSampleId :

GW-01S-4-7-16RE

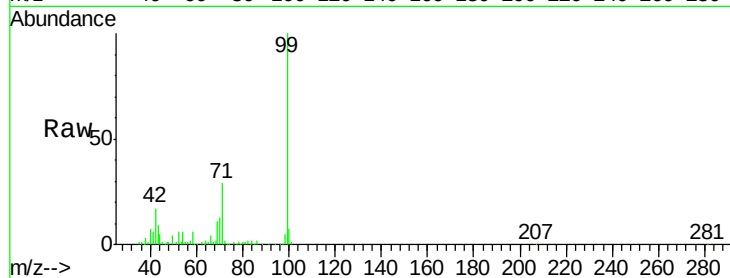
Tgt Ion: 99 Resp: 201080

Ion Ratio Lower Upper

99 100

42 16.8 15.4 23.2

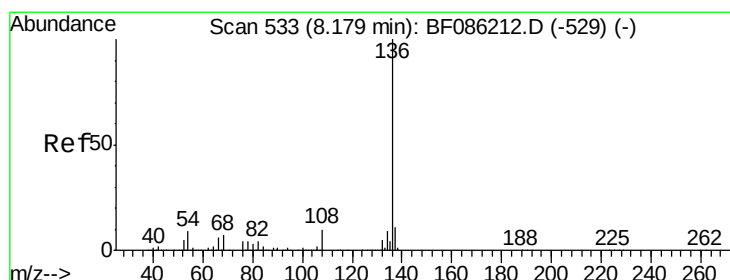
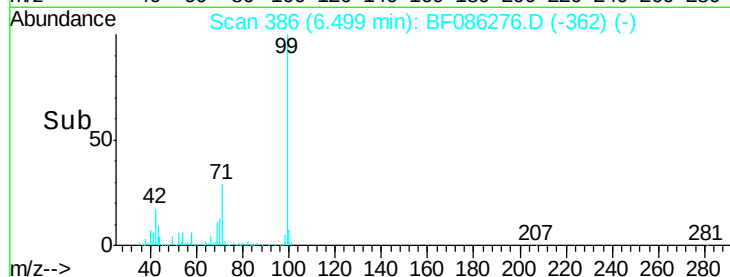
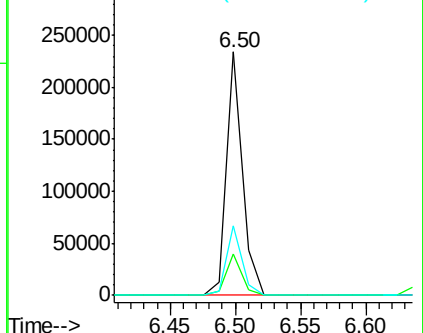
71 28.6 25.6 38.4



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: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

Tgt Ion: 136 Resp: 1527119

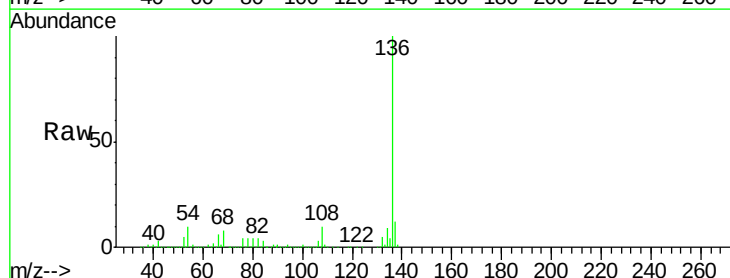
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.1 7.3 10.9

68 8.0 5.7 8.5

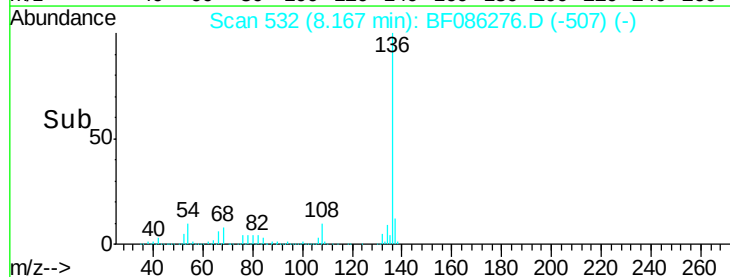
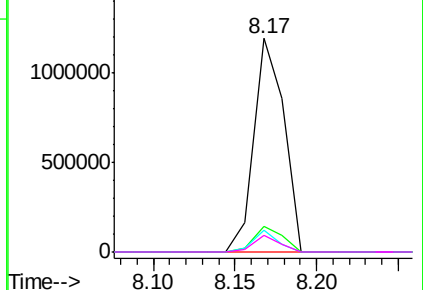


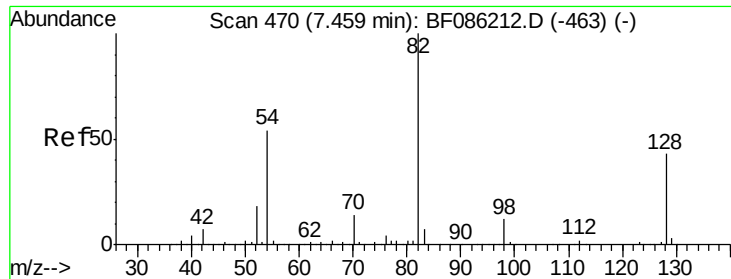
Abundance Ion 136.00 (135.70 to 136.70): E

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

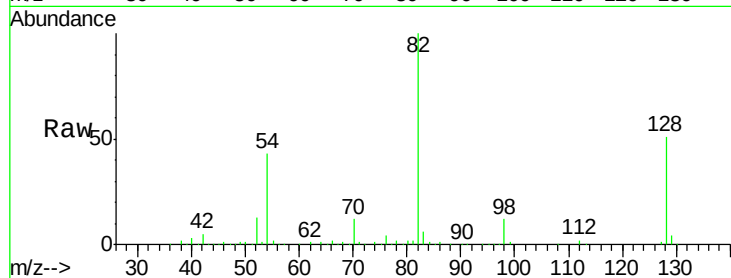




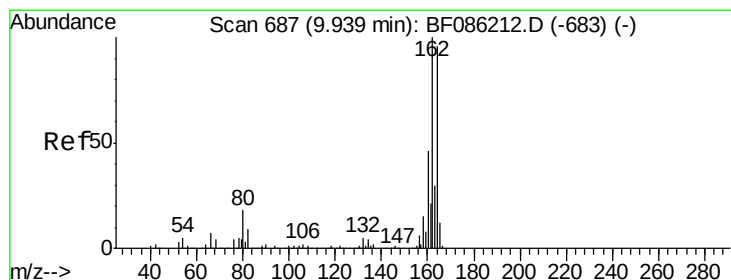
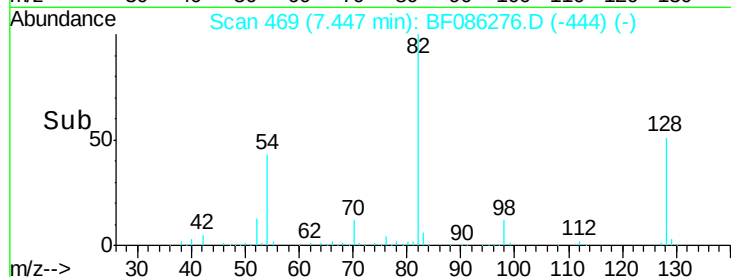
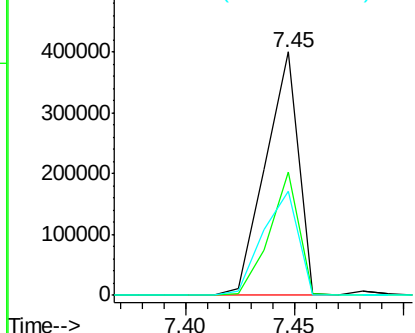
#23
 Nitrobenzene-d5
 Concen: 16.14 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.8	35.4	53.2
54	42.5	43.4	65.0#

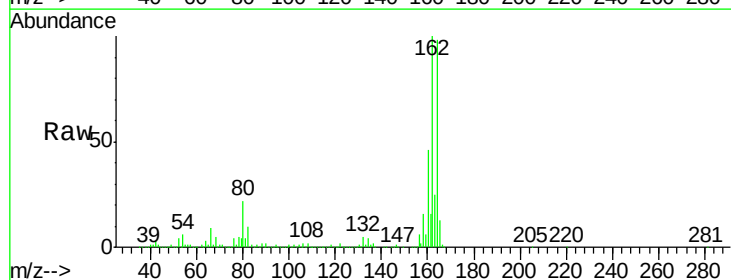


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

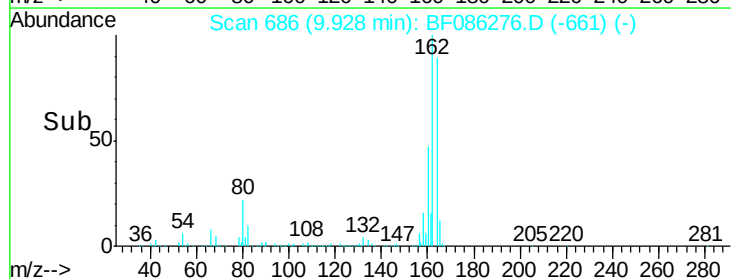
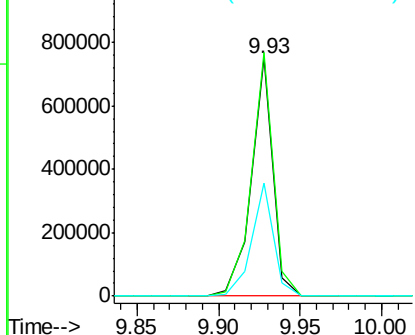


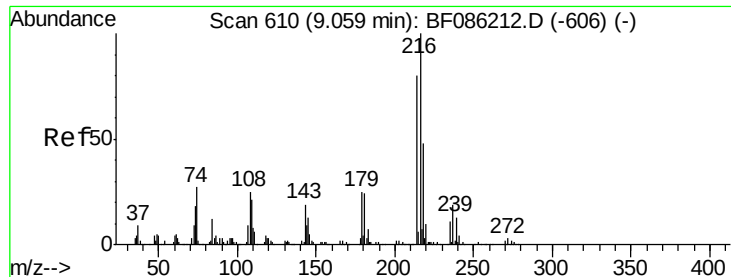
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	47.5	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





#39

1,2,4,5-Tetrachlorobenzene

Concen: Below Cal

RT: 9.05 min Scan# 609

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

Tgt Ion:216 Resp: 305

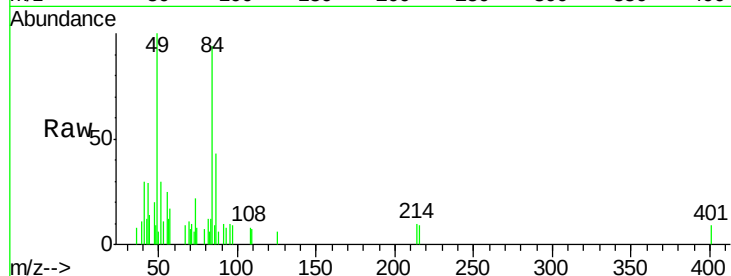
Ion Ratio Lower Upper

216 100

214 110.5 64.9 97.3#

179 0.0 19.8 29.6#

108 389.5 21.0 31.4#

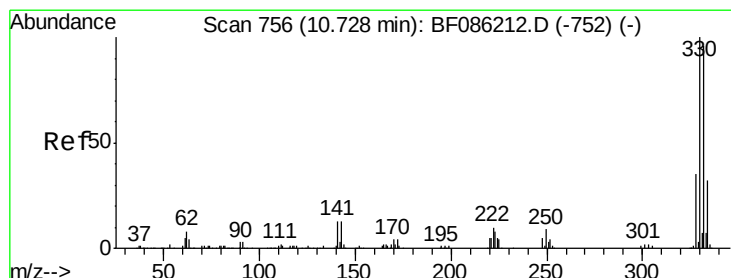
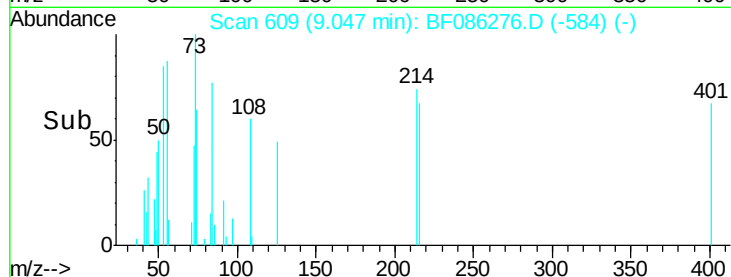
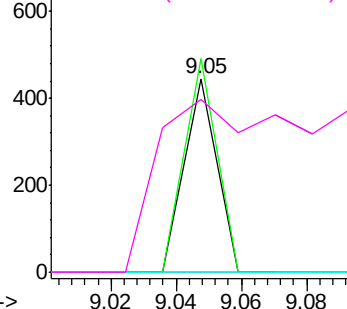


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#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

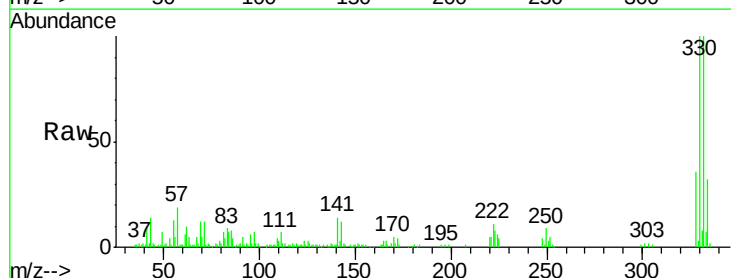
Tgt Ion:330 Resp: 99615

Ion Ratio Lower Upper

330 100

332 97.0 78.7 118.1

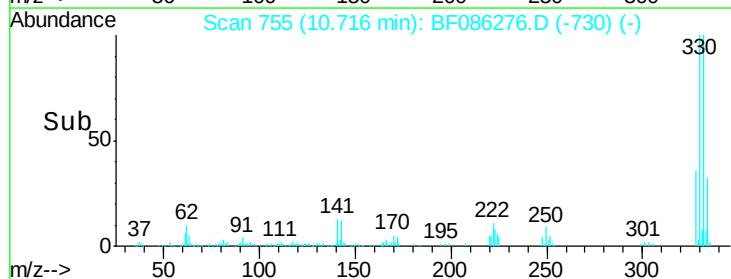
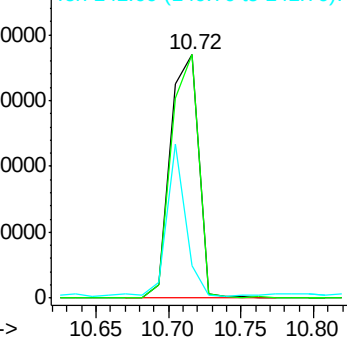
141 42.7 28.6 42.8

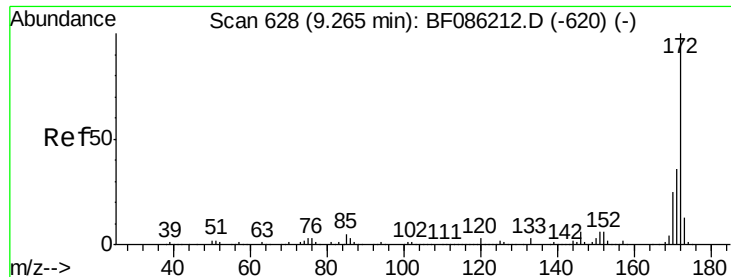


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

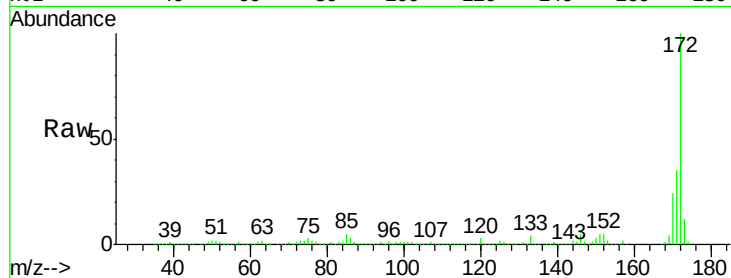




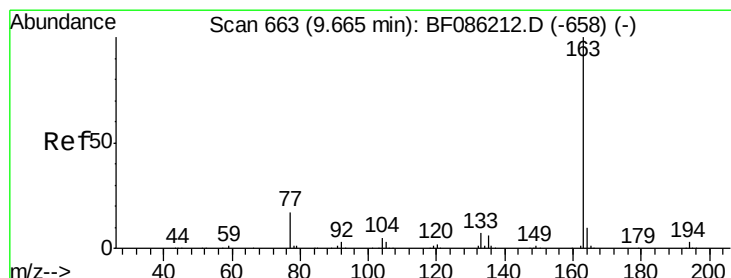
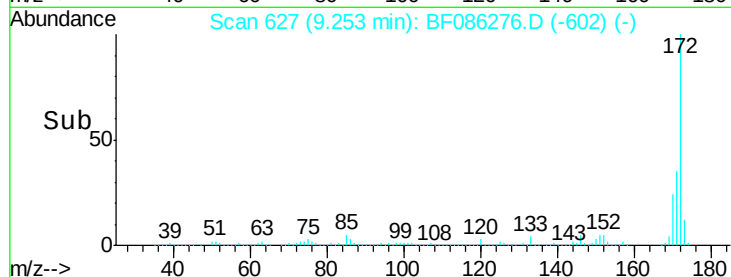
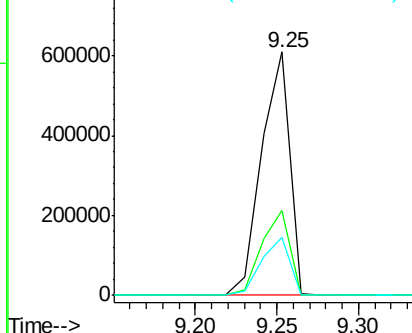
#44
 2-Fluorobiphenyl
 Concen: 19.72 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

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

Tgt Ion:172 Resp: 730405
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.1 43.7
 170 23.9 19.9 29.9

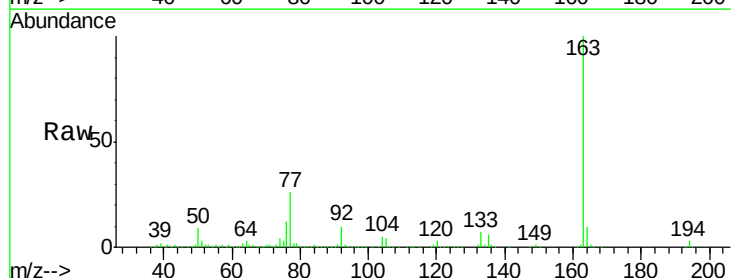


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

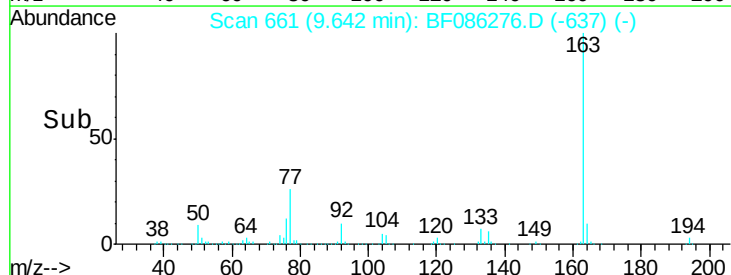
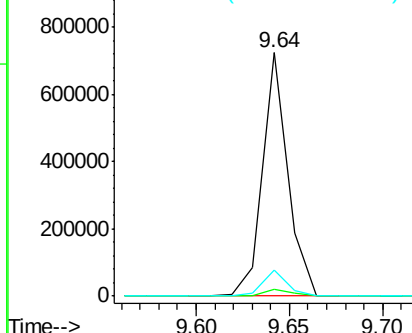


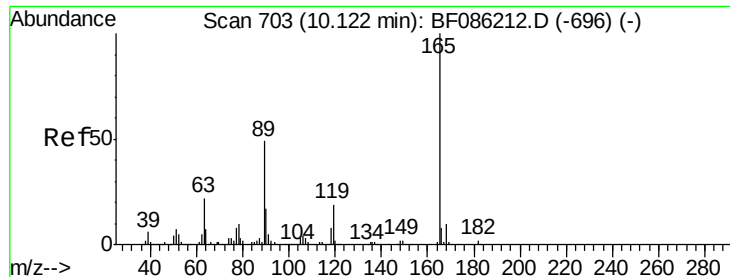
#49
 Dimethylphthalate
 Concen: 13.88 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF086276.D
 Acq: 18 Apr 2016 12:30

Tgt 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

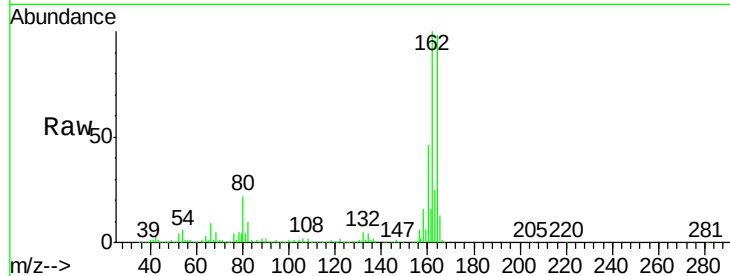




#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086276.D
Acq: 18 Apr 2016 12:30

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.7	49.5	74.3#
182	0.0	1.9	2.9#



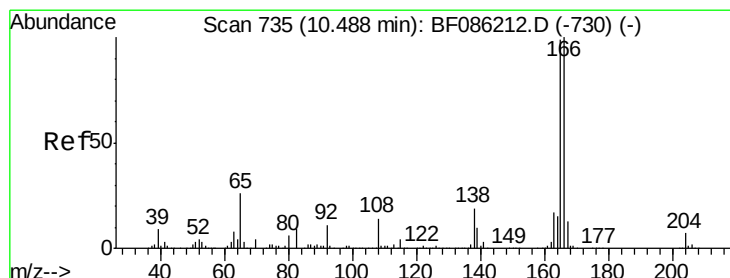
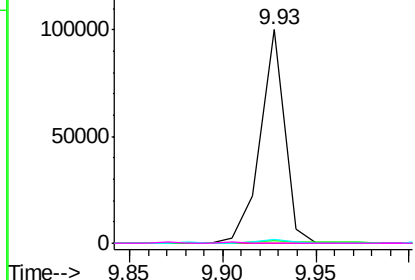
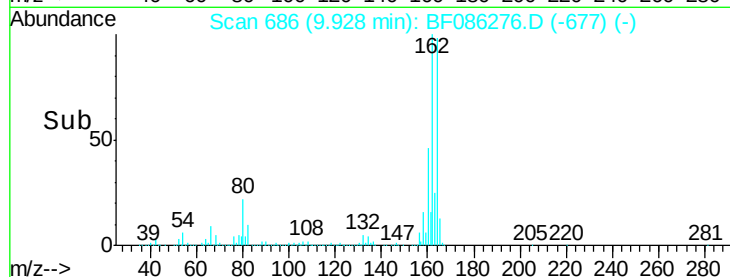
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

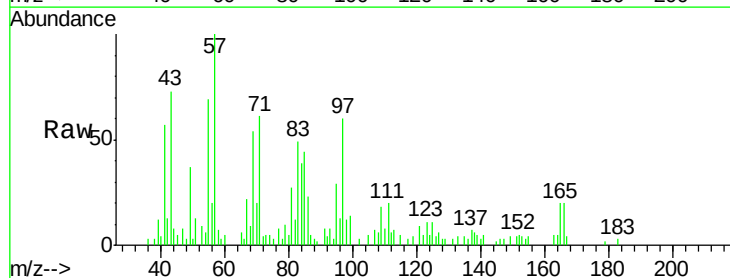
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086276.D
Acq: 18 Apr 2016 12:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	20.3	10.4	15.6#

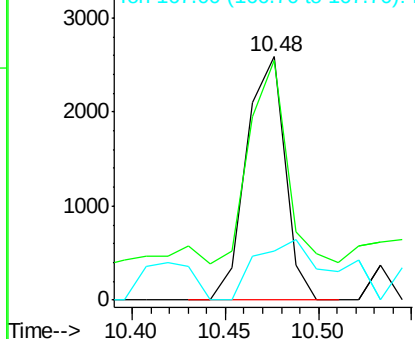
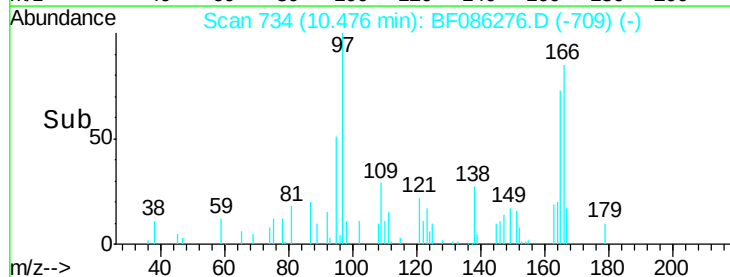


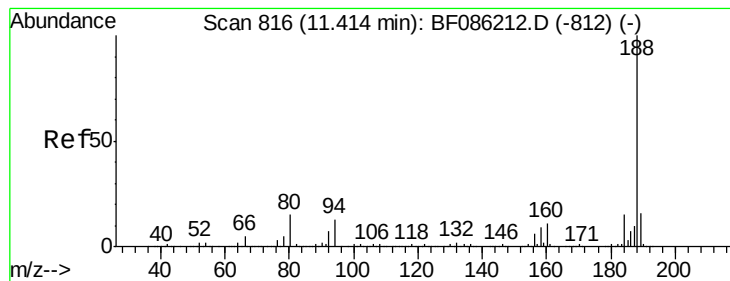
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): 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

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16RE

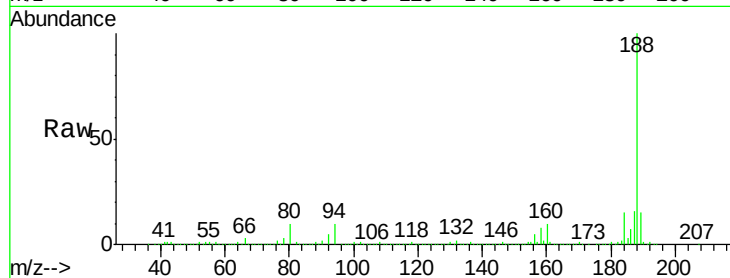
Tgt Ion:188 Resp: 1263935

Ion Ratio Lower Upper

188 100

94 9.5 9.8 14.8#

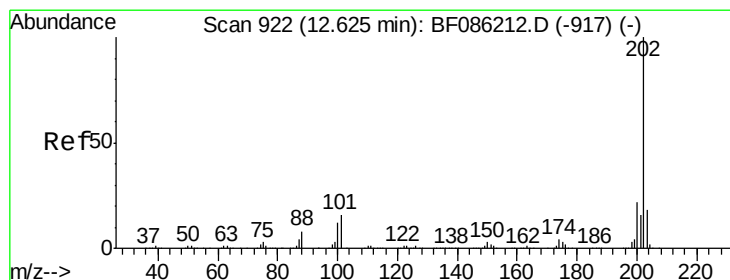
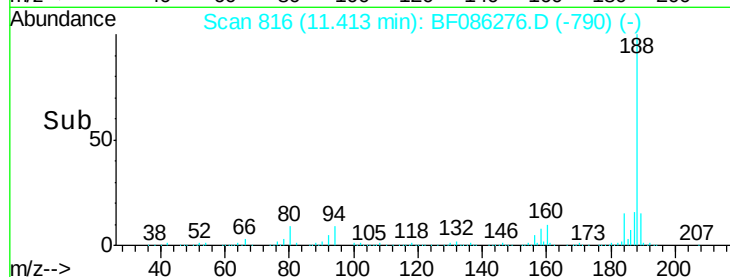
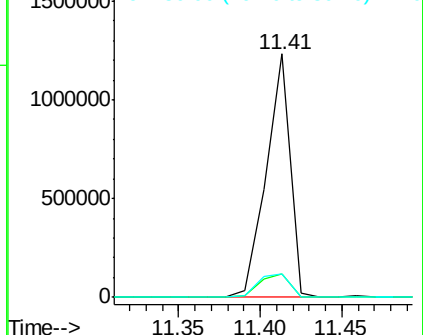
80 9.6 10.5 15.7#



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



#74

Fluoranthene

Concen: Below Cal

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086276.D

Acq: 18 Apr 2016 12:30

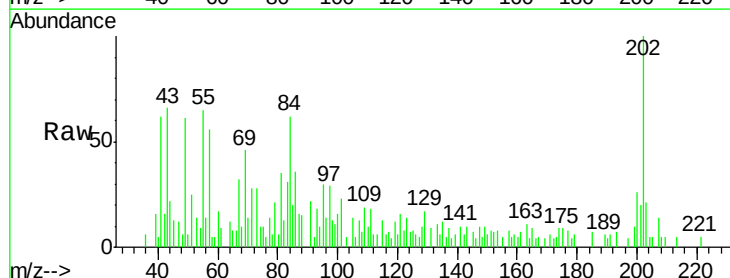
Tgt Ion:202 Resp: 7904

Ion Ratio Lower Upper

202 100

101 23.4 0.0 35.2

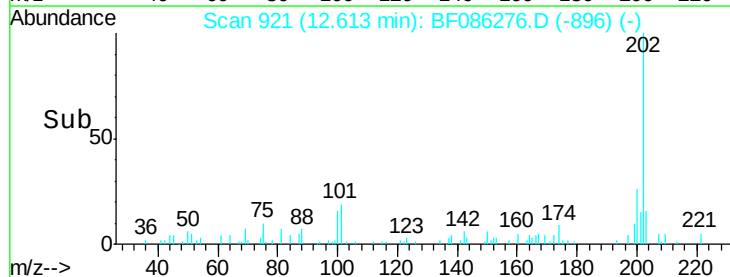
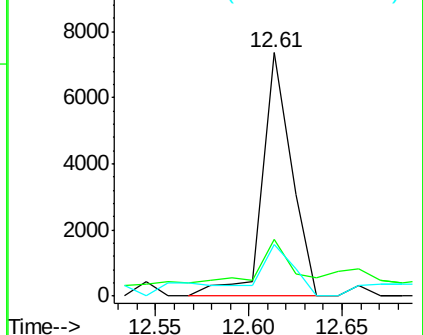
203 21.1 0.0 38.2

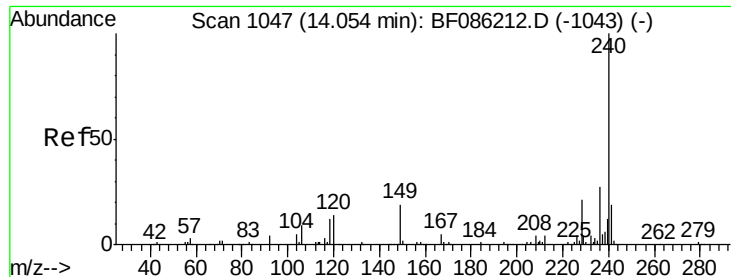


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#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 :

BNA_F

ClientSampleId :

GW-01S-4-7-16RE

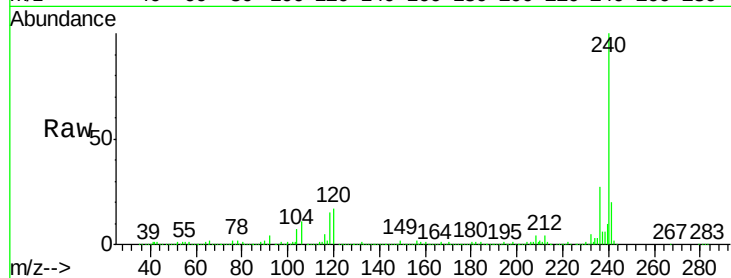
Tgt Ion:240 Resp: 891279

Ion Ratio Lower Upper

240 100

120 16.8 9.3 13.9#

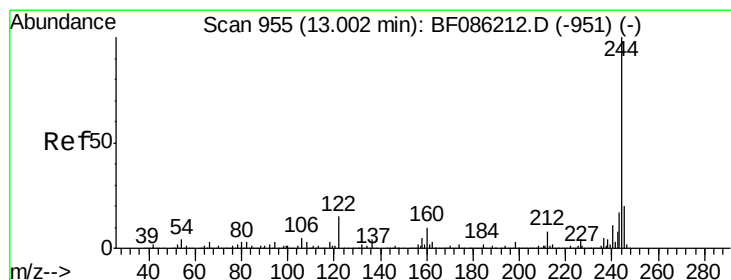
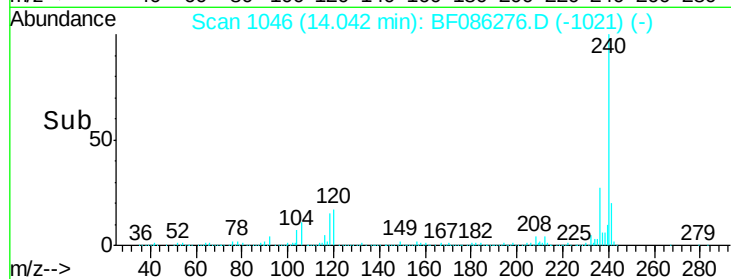
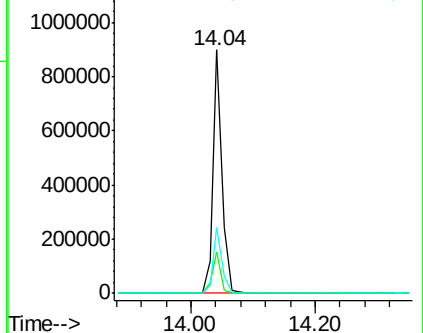
236 26.8 21.1 31.7



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

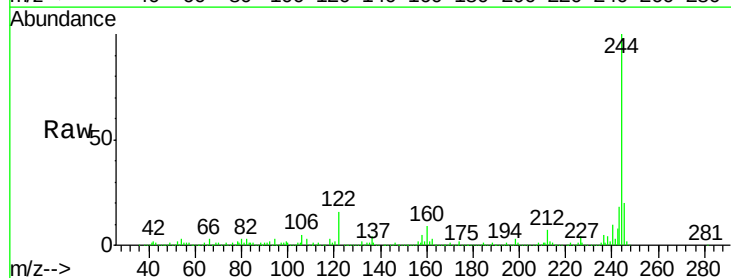
Tgt Ion:244 Resp: 558388

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

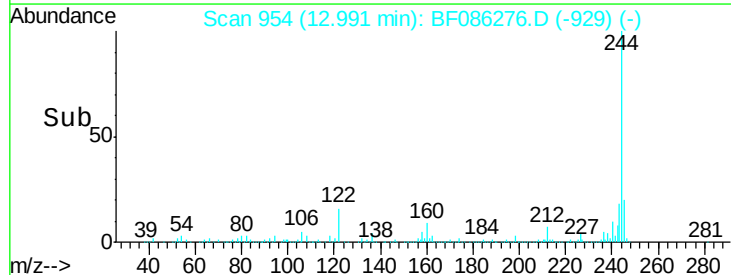
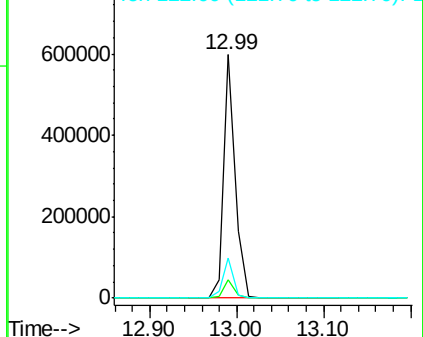
122 16.5 11.7 17.5

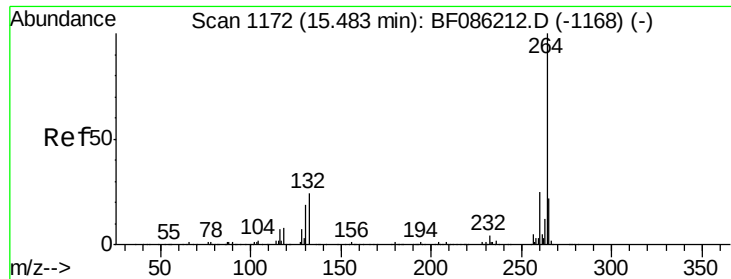


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

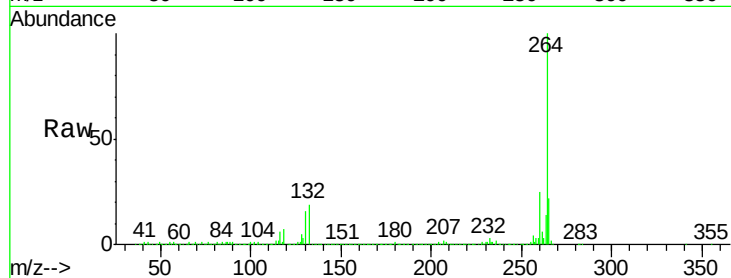




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086276.D
Acq: 18 Apr 2016 12:30

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

Tgt Ion: 264 Resp: 777555
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 21.7 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

