

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 00:27:20 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

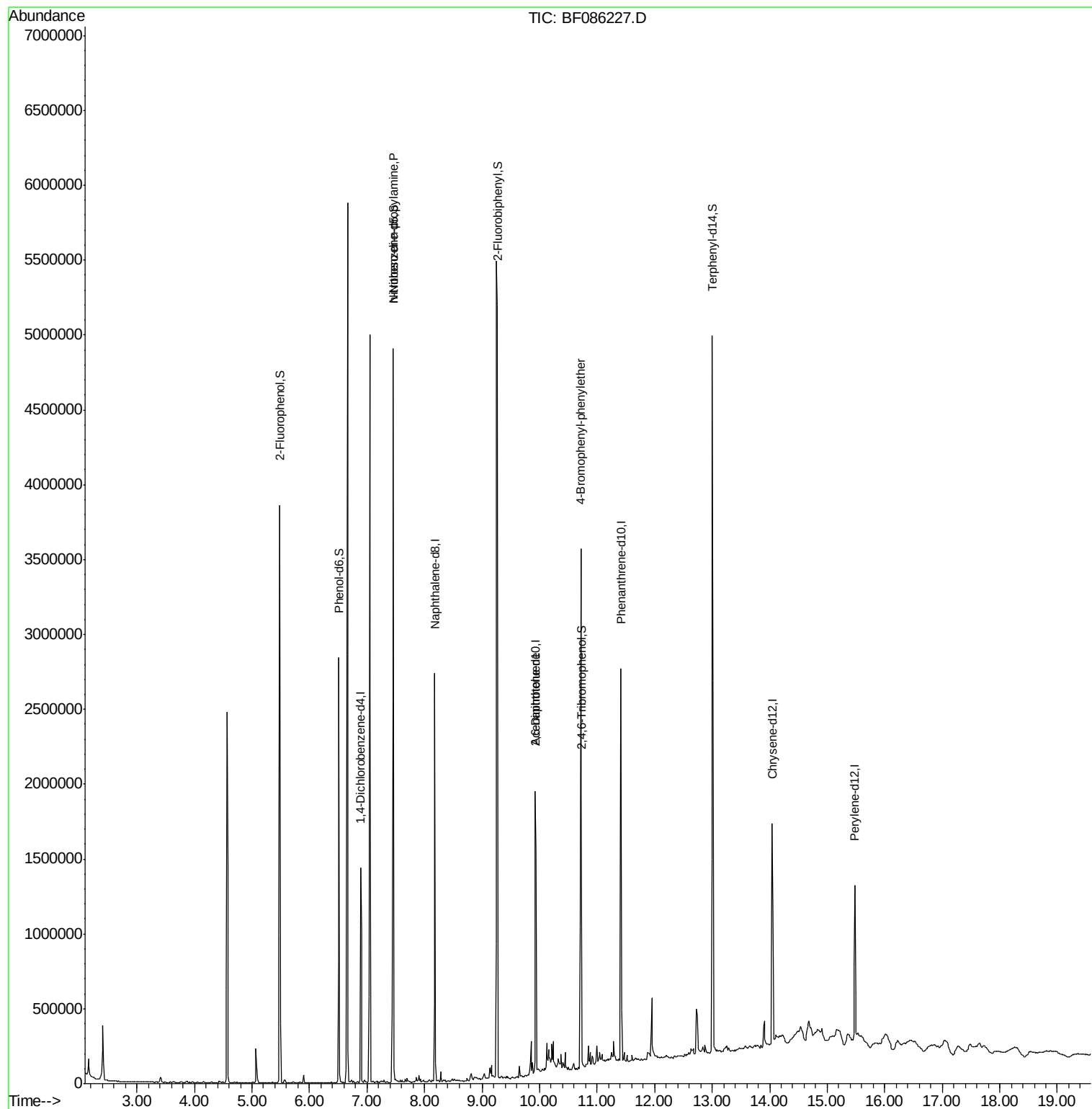
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	278023	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1137626	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	492552	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	869019	20.00	ng	0.00
75) Chrysene-d12	14.04	240	604391	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						
19) n-Nitroso-di-n-propylamine	7.46	70	258149	19.01	ng	# 82
22) Acetophenone	7.30	105	3639	Below	Cal	# 92
50) 2,6-Dinitrotoluene	9.93	165	65416	8.25	ng	# 32
57) Fluorene	10.48	166	3176	Below	Cal	# 81
66) 4-Bromophenyl-phenylether	10.72	248	32701	4.04	ng	# 1
71) Anthracene	11.44	178	18981	Below	Cal	97
74) Fluoranthene	12.63	202	12008	Below	Cal	94

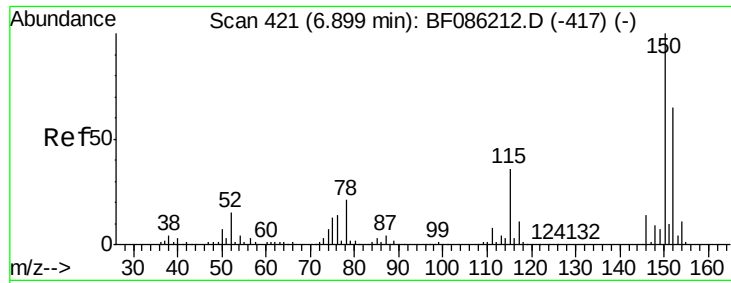
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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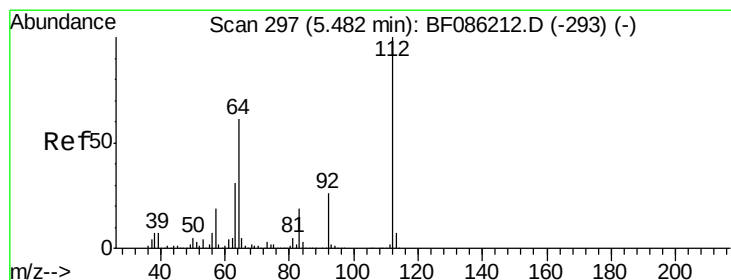
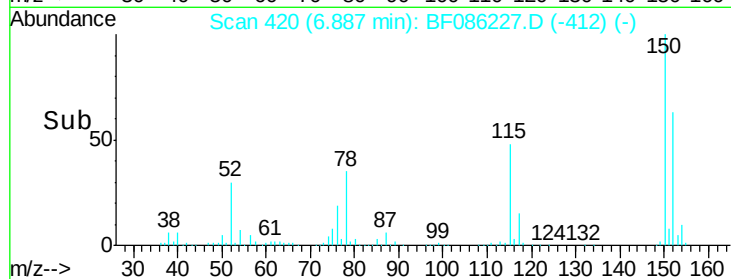
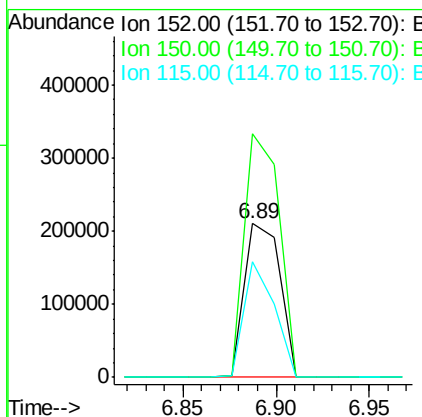
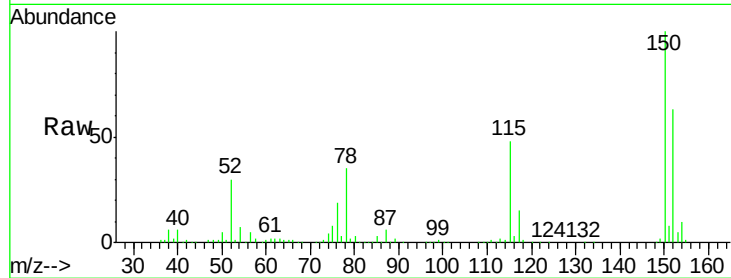


#1

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

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

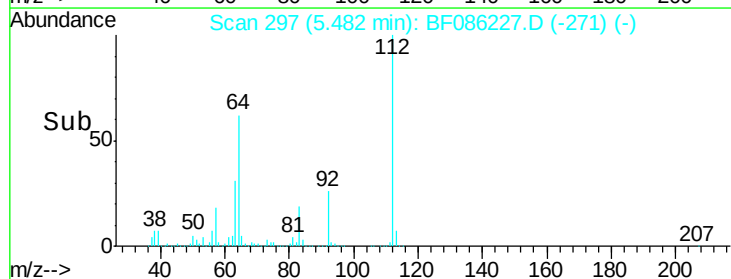
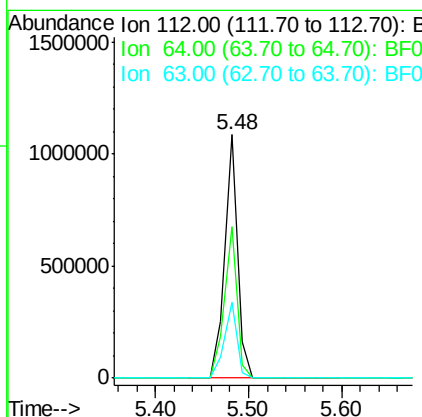
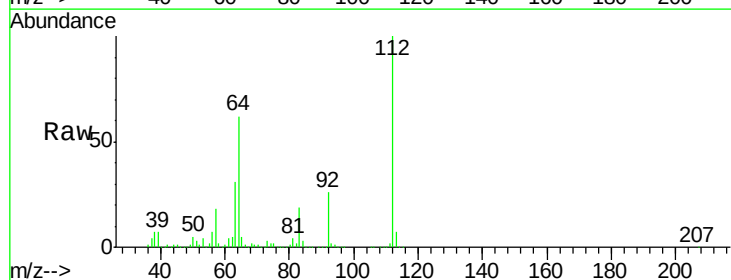
Tgt Ion:152 Resp: 278023
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.1 186.1
 115 75.5 43.9 65.9#

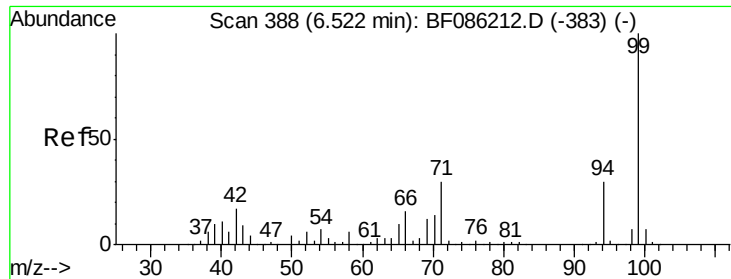


#5

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





#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

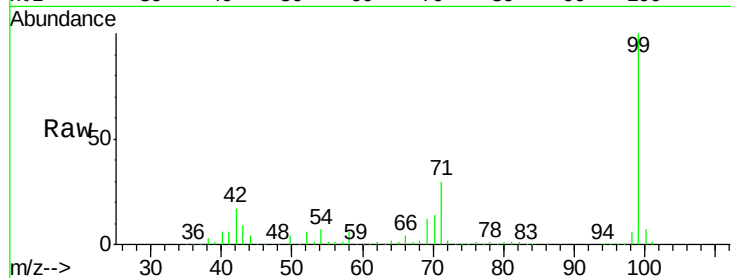
Tgt Ion: 99 Resp: 948666

Ion Ratio Lower Upper

99 100

42 16.6 15.4 23.2

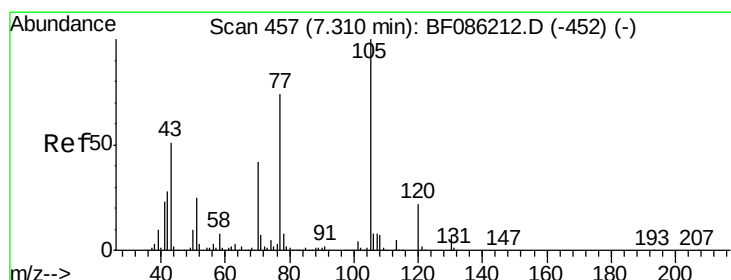
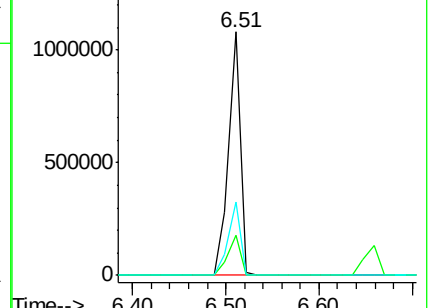
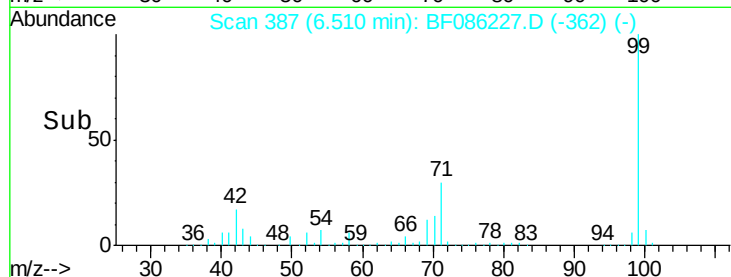
71 30.3 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.01 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086227.D

Acq: 15 Apr 2016 20:16

Tgt Ion: 70 Resp: 258149

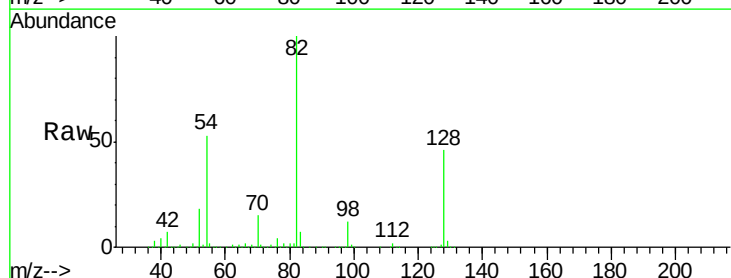
Ion Ratio Lower Upper

70 100

42 51.4 43.0 64.4

101 0.0 8.1 12.1#

130 2.1 20.1 30.1#

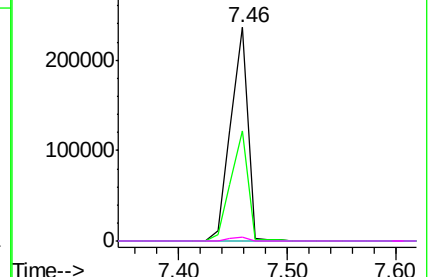
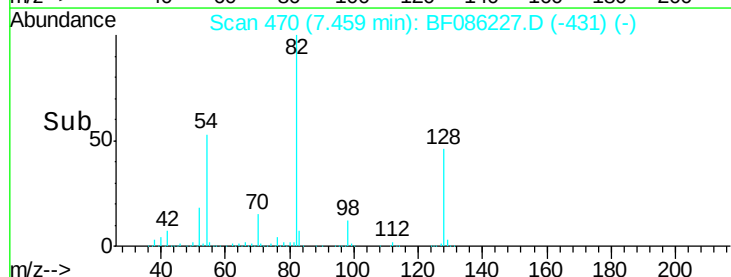


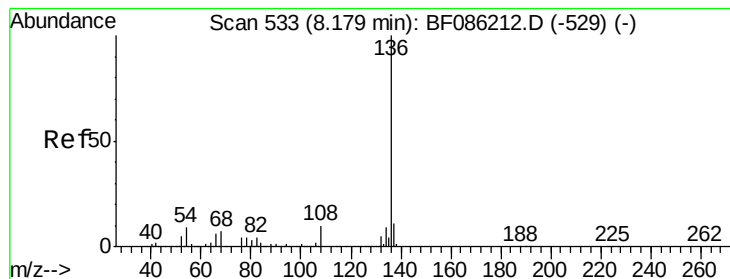
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): 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

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

Tgt Ion: 136 Resp: 1137626

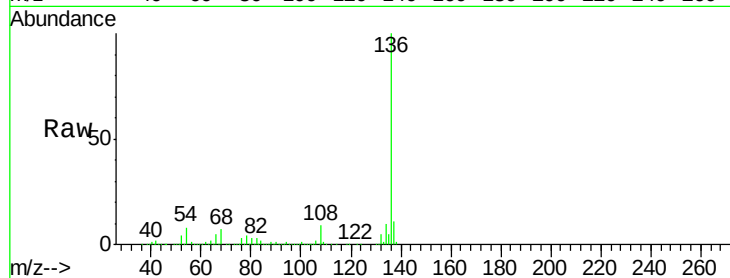
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 7.3 10.9

68 6.6 5.7 8.5

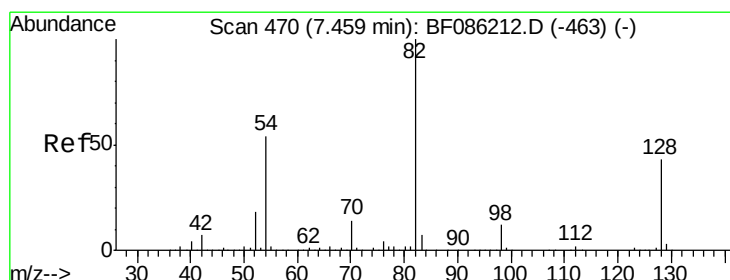
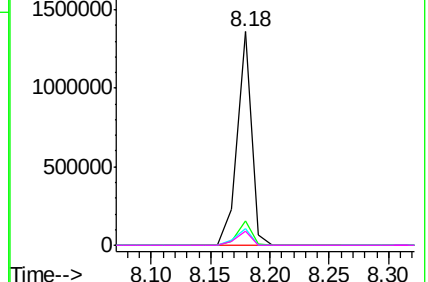
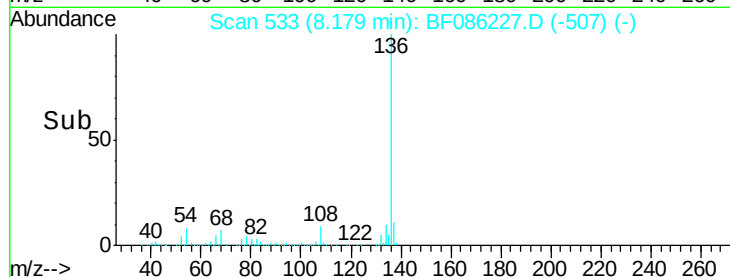


Abundance Ion 136.00 (135.70 to 136.70): E

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

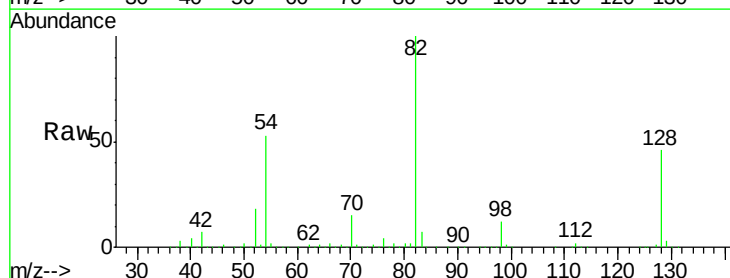
Tgt Ion: 82 Resp: 1786388

Ion Ratio Lower Upper

82 100

128 46.1 35.4 53.2

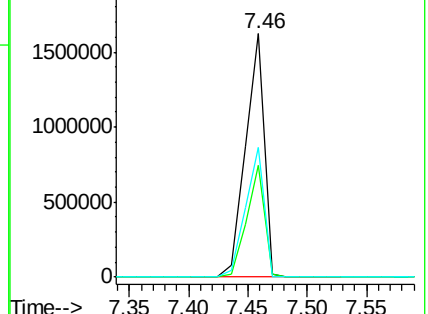
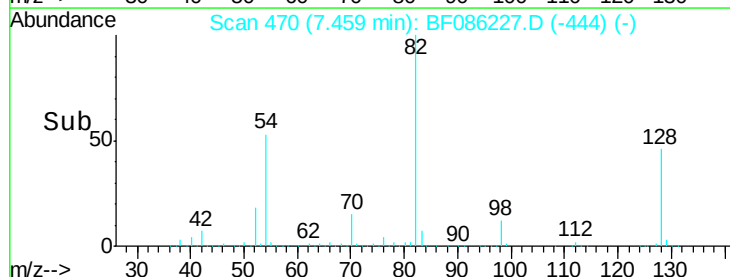
54 53.4 43.4 65.0

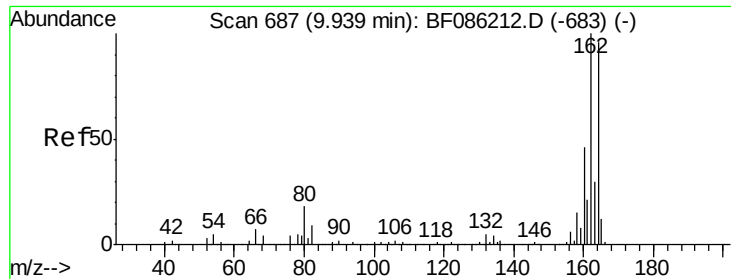


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF086227.D

Acq: 15 Apr 2016 20:16

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

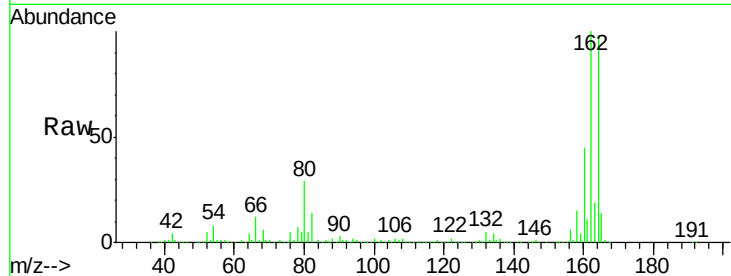
Tgt Ion:164 Resp: 492552

Ion Ratio Lower Upper

164 100

162 102.0 82.8 124.2

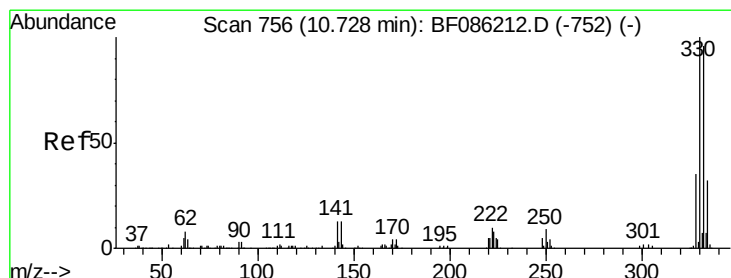
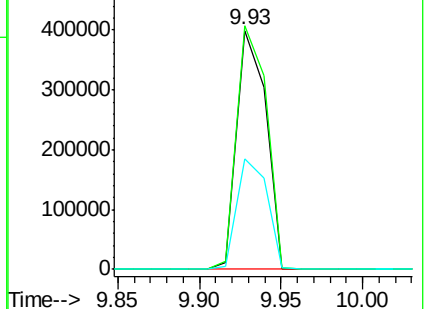
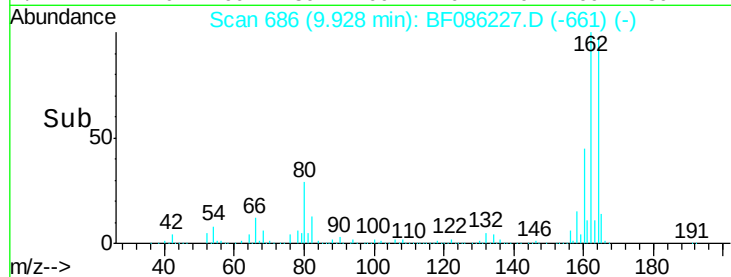
160 46.2 38.9 58.3



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: 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

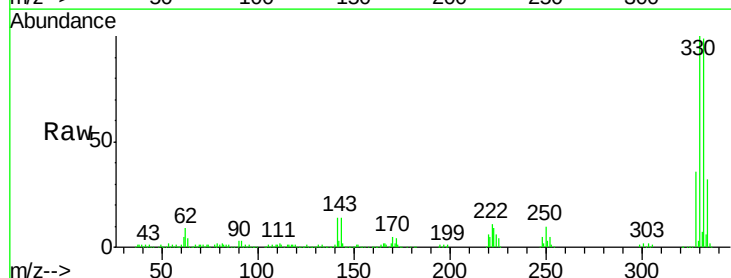
Tgt Ion:330 Resp: 530095

Ion Ratio Lower Upper

330 100

332 96.8 78.7 118.1

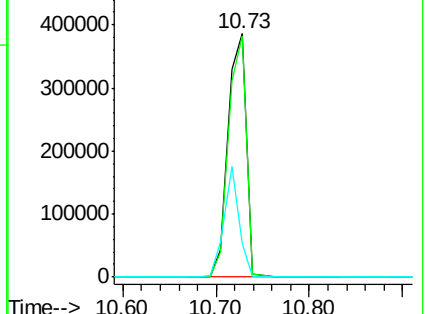
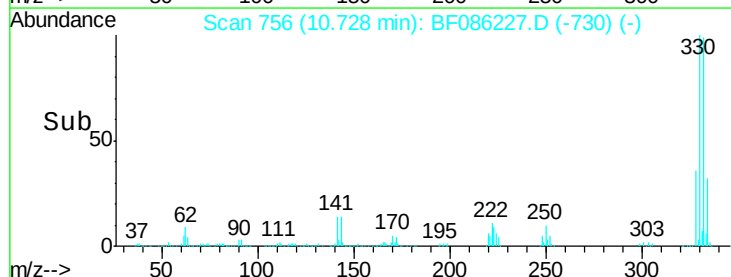
141 37.1 28.6 42.8

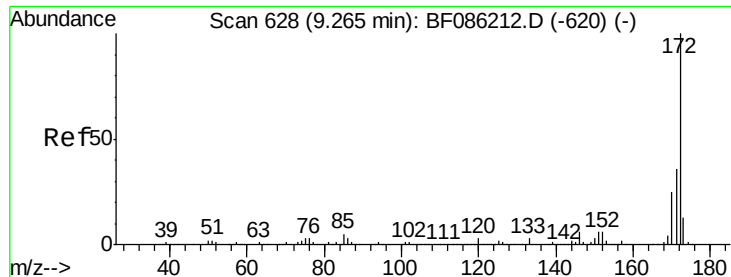


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

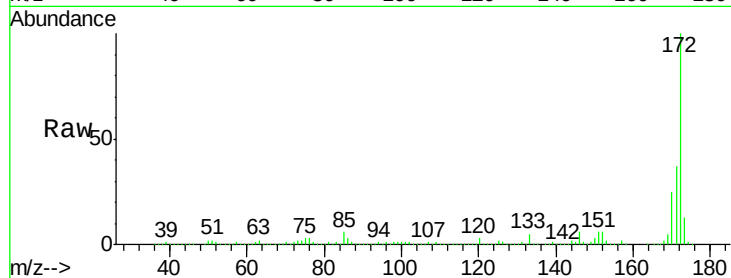




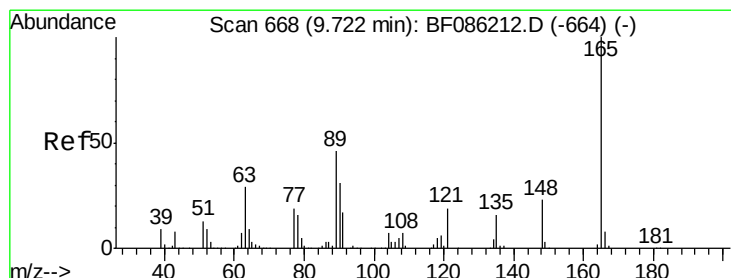
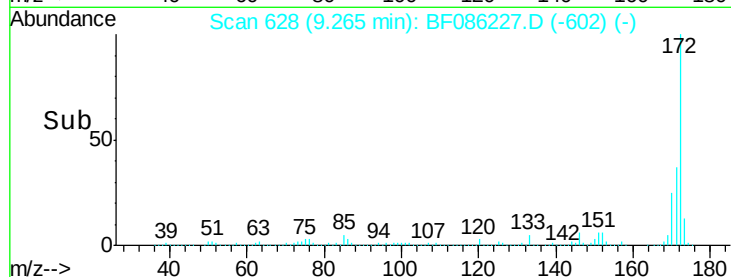
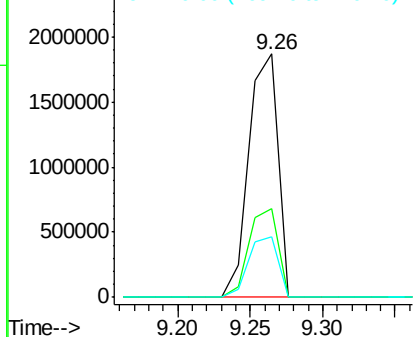
#44
 2-Fluorobiphenyl
 Concen: 97.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

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

Tgt Ion:172 Resp: 2597503
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.8 19.9 29.9

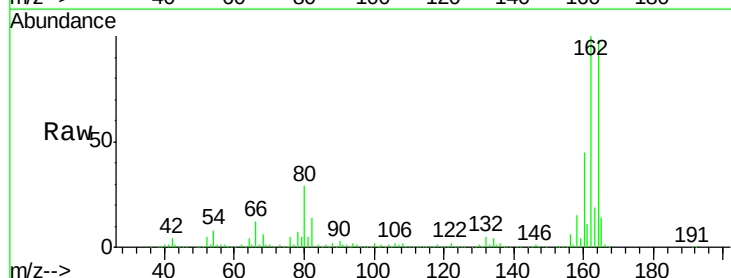


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

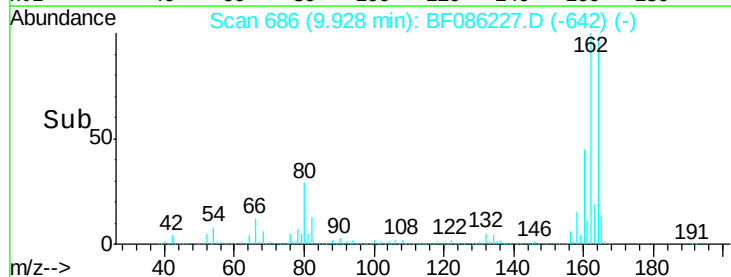
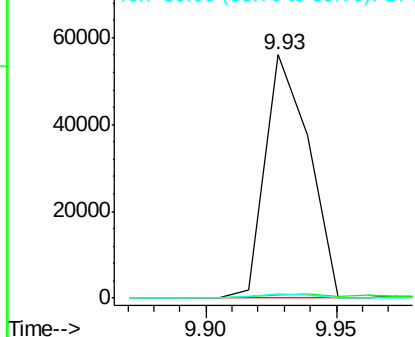


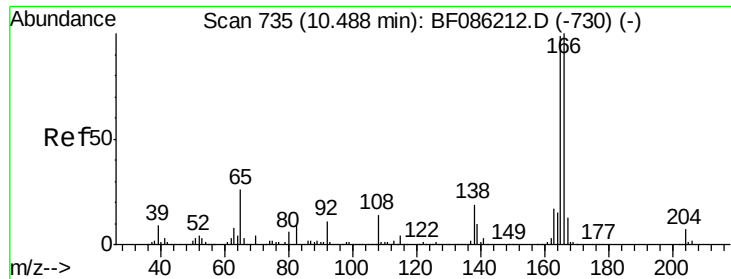
#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

Tgt Ion:165 Resp: 65416
 Ion Ratio Lower Upper
 165 100
 63 1.3 35.1 52.7#
 89 1.9 39.8 59.6#



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

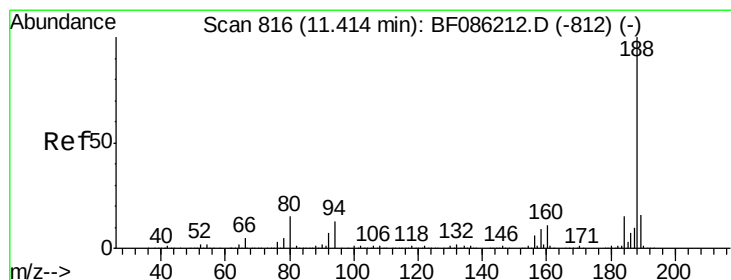
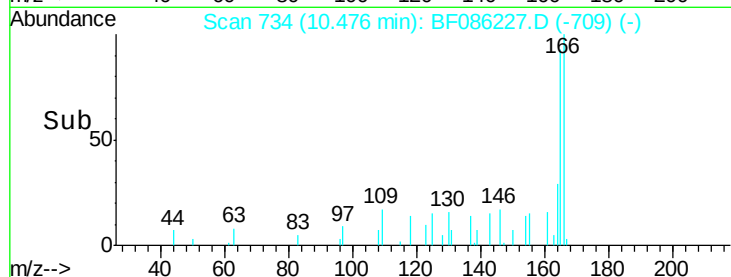
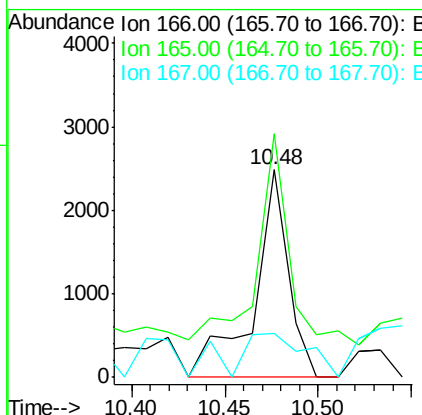
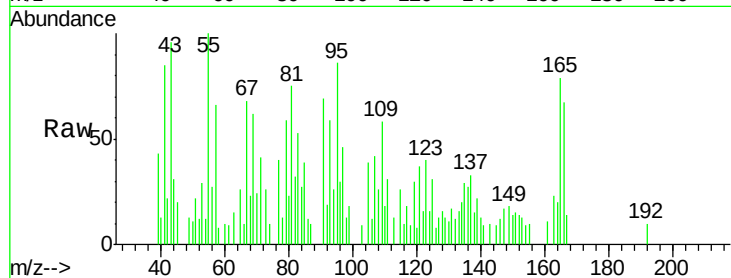




#57
Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF086227.D
 Acq: 15 Apr 2016 20:16

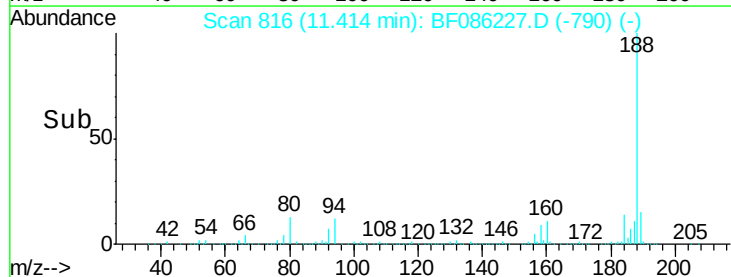
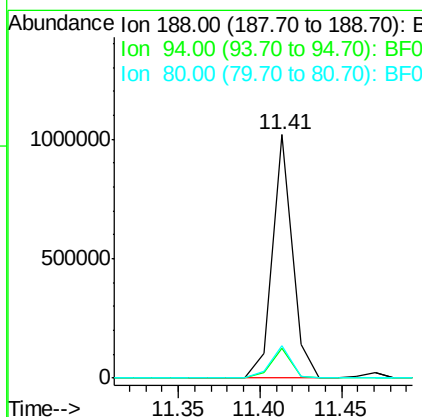
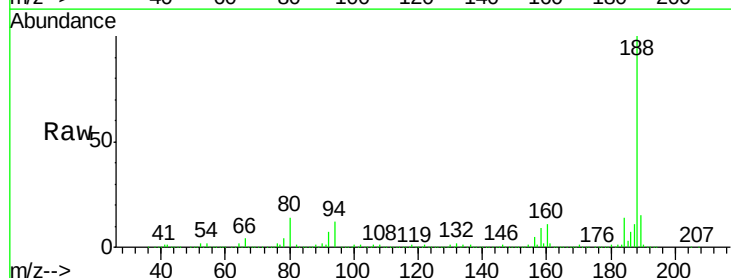
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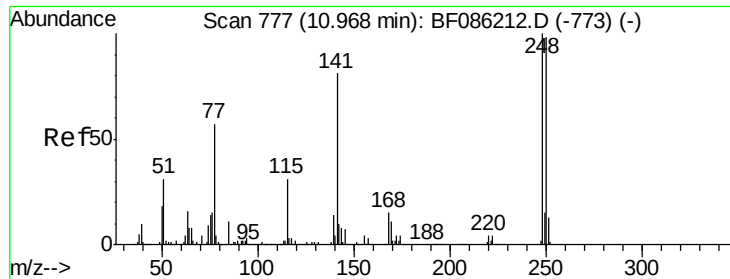
Tgt Ion:166 Resp: 3176
 Ion Ratio Lower Upper
 166 100
 165 117.3 78.6 117.8
 167 21.2 10.4 15.6#



#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

Tgt Ion:188 Resp: 869019
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.8 14.8
 80 13.5 10.5 15.7





#66

4-Bromophenyl-phenylether

Concen: 4.04 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086227.D

Acq: 15 Apr 2016 20:16

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

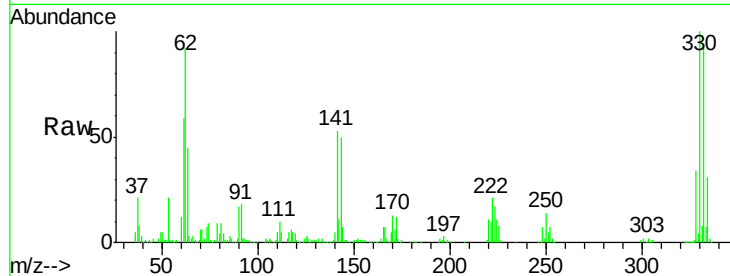
Tgt Ion:248 Resp: 32701

Ion Ratio Lower Upper

248 100

250 190.6 78.6 118.0#

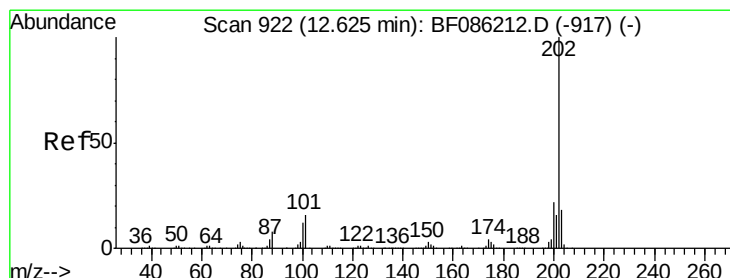
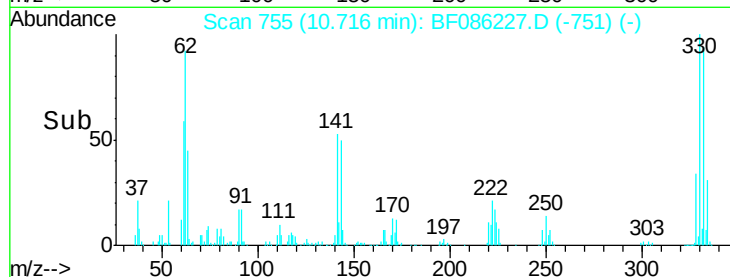
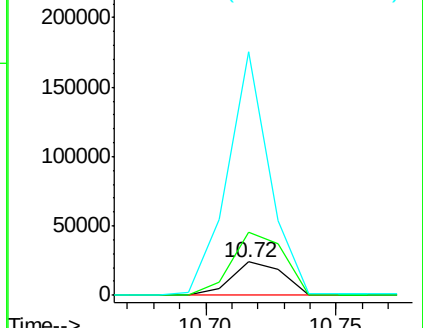
141 728.0 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086227.D

Acq: 15 Apr 2016 20:16

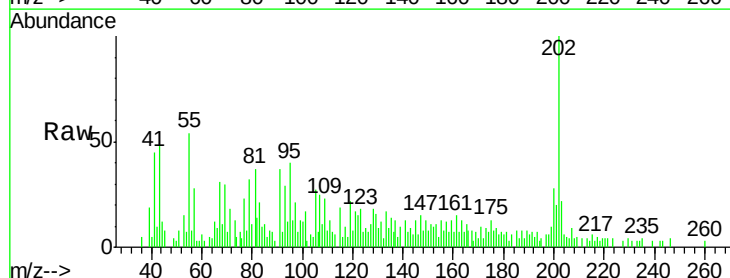
Tgt Ion:202 Resp: 12008

Ion Ratio Lower Upper

202 100

101 16.8 0.0 35.2

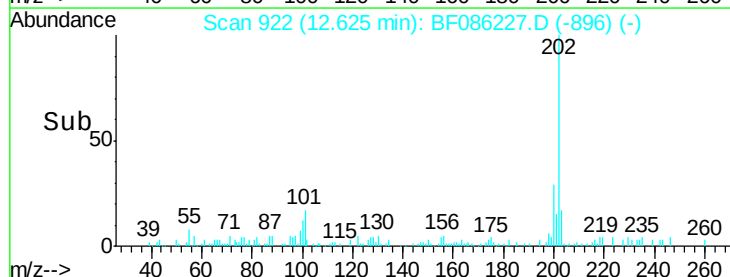
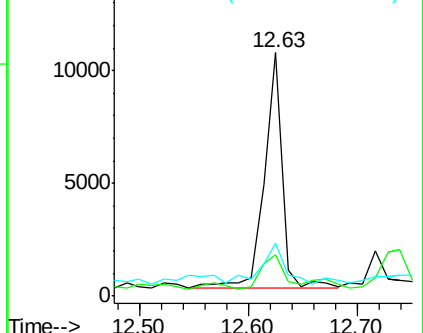
203 21.6 0.0 38.2

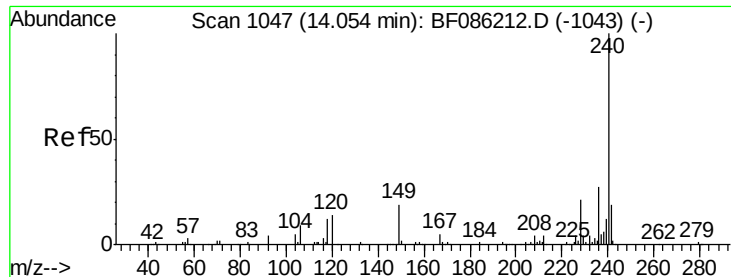


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086227.D

Acq: 15 Apr 2016 20:16

Instrument :

BNA_F

ClientSampleId :

GW-02S-4-7-16

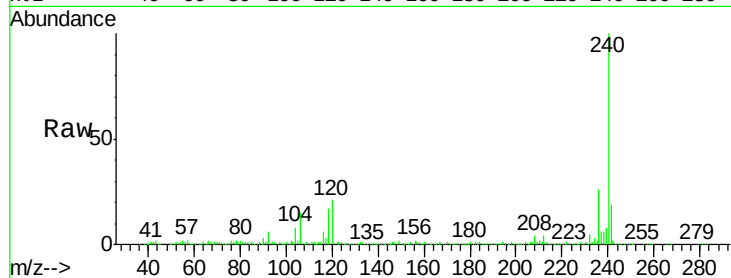
Tgt Ion:240 Resp: 604391

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

600000

500000

400000

300000

200000

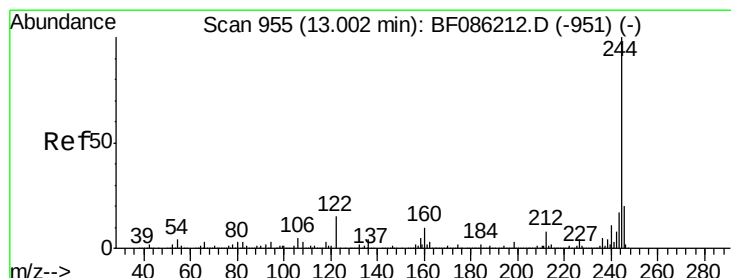
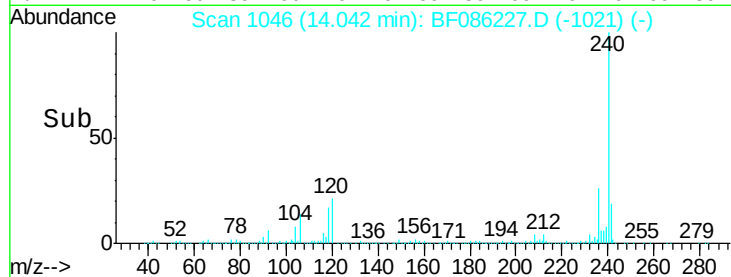
100000

0

14.04

14.00 14.20

Time-->



#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

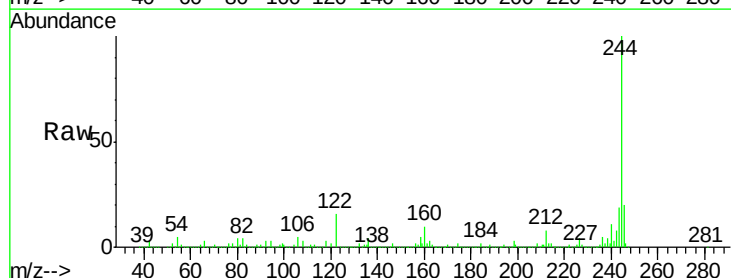
Tgt Ion:244 Resp: 1905676

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

2000000

1500000

1000000

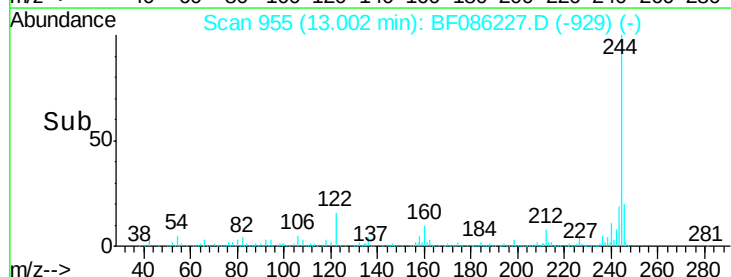
500000

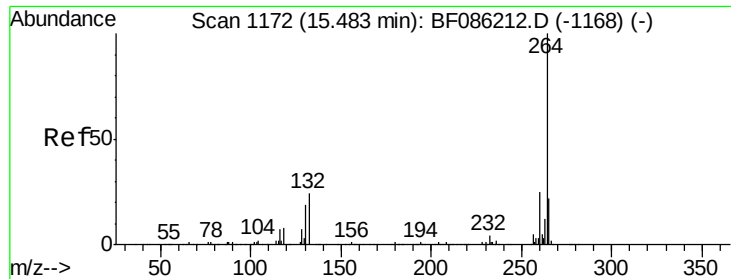
0

13.00

12.90 13.10 13.20

Time-->

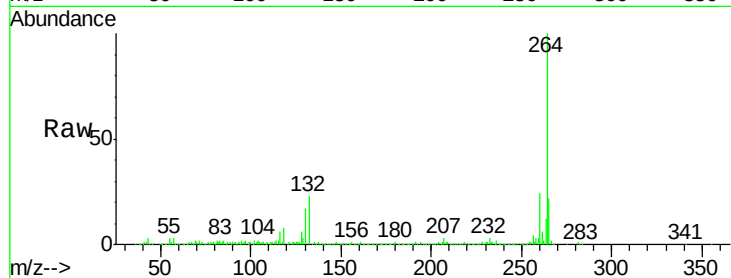




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF086227.D
Acq: 15 Apr 2016 20:16

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

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

