

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089271.D
 Acq On : 25 Jul 2016 11:12
 Operator : UM/SJ
 Sample : H4120-13RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-10-6.0-15.0RE

Quant Time: Jul 25 17:54:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

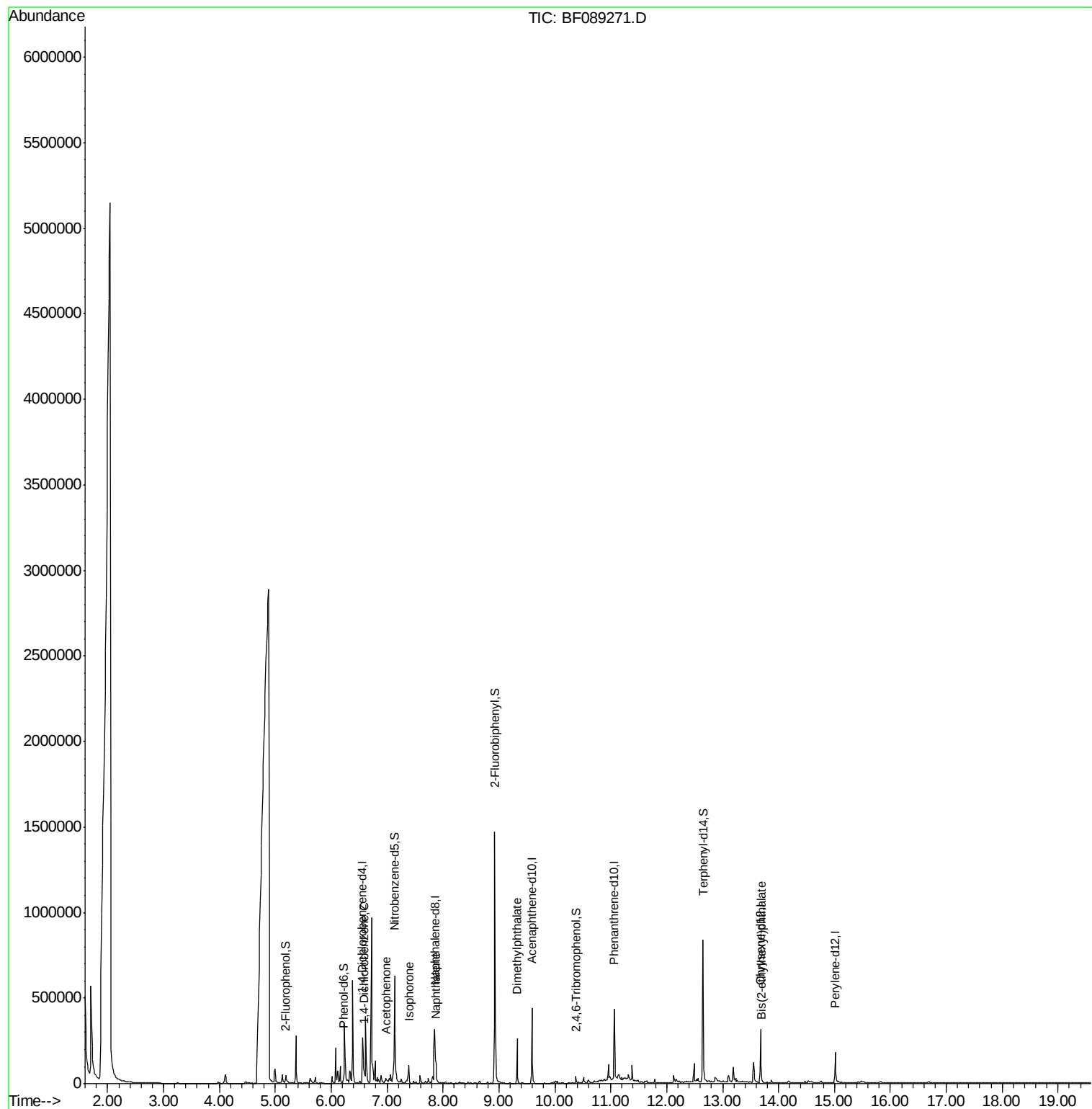
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	49709	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	199173	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	93917	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	166694	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	105281	20.00	ng	-0.01
86) Perylene-d12	15.02	264	79333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	28398	8.69	ng	0.05
7) Phenol-d6	6.23	99	46912	11.13	ng	0.00
23) Nitrobenzene-d5	7.13	82	295087	78.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	5286	6.25	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	529647	77.70	ng	-0.01
78) Terphenyl-d14	12.65	244	397143	81.82	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.58	146	21065	5.22	ng	Qvalue 96
22) Acetophenone	6.98	105	20207	3.80	ng	# 96
25) Isophorone	7.39	82	73091	10.58	ng	96
31) Naphthalene	7.87	128	81926	7.62	ng	99
49) Dimethylphthalate	9.32	163	108063	14.99	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	16762	3.44	ng	# 94

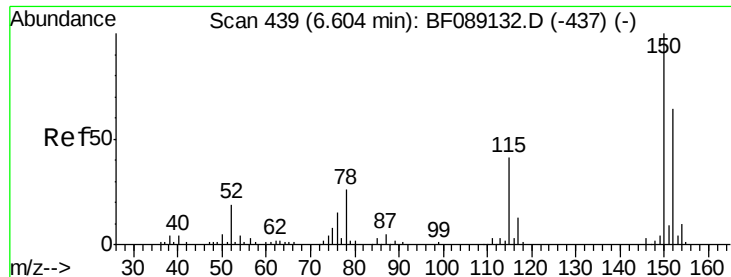
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0RE

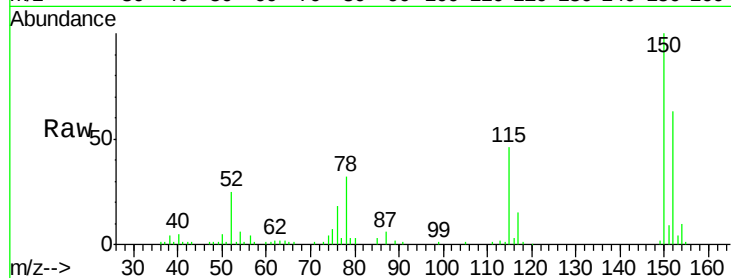
Tot Ion:152 Resp: 49709

Ion Ratio Lower Upper

152 100

150 158.5 125.1 187.7

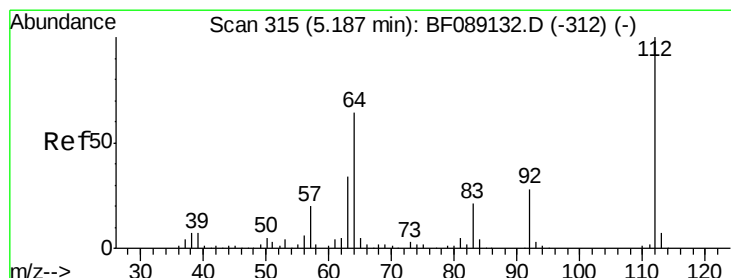
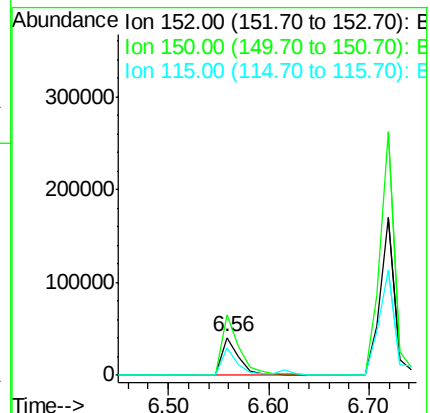
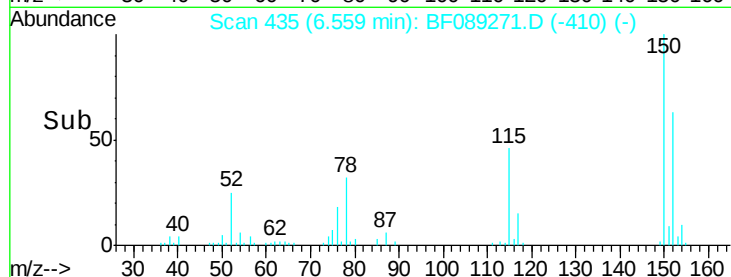
115 73.1 51.1 76.7



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: 8.69 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.05 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

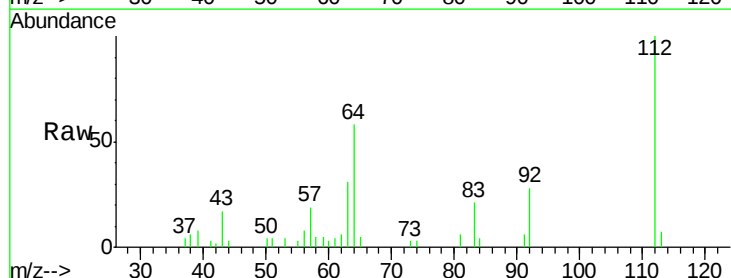
Tgt Ion:112 Resp: 28398

Ion Ratio Lower Upper

112 100

64 58.5 51.0 76.4

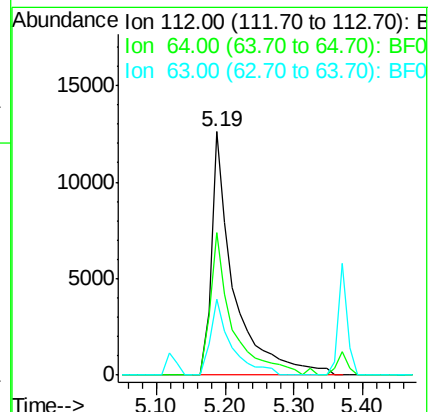
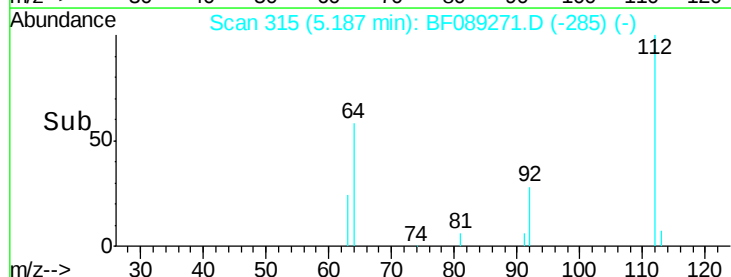
63 31.2 27.3 40.9

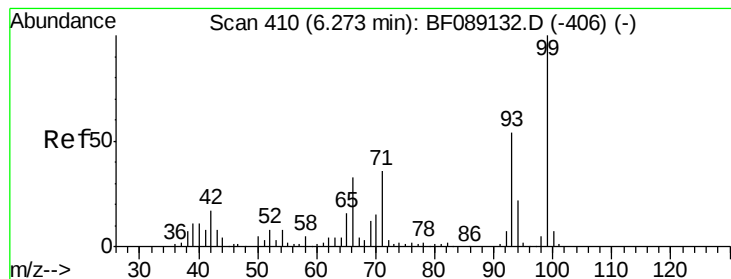


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.13 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0RE

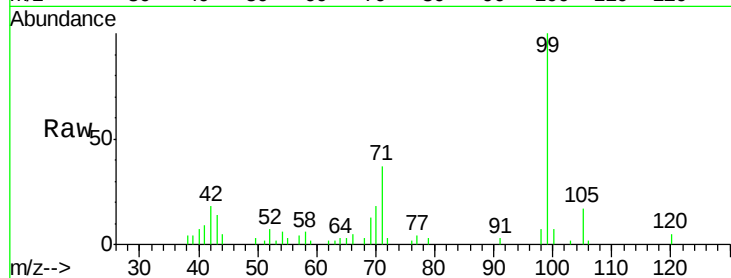
Tot Ion: 99 Resp: 46912

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

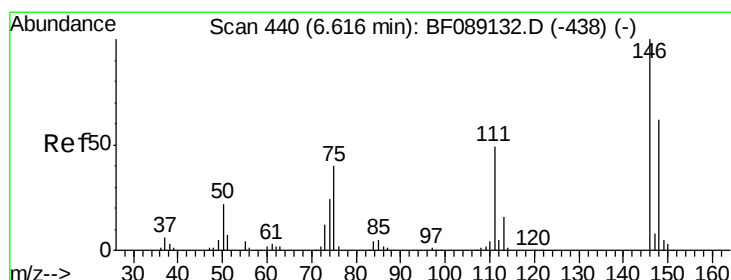
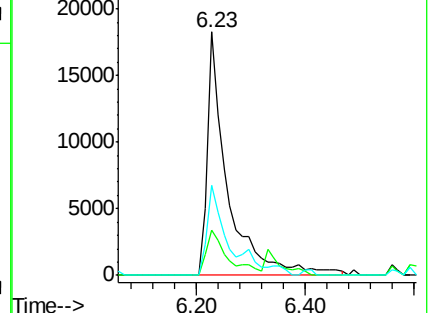
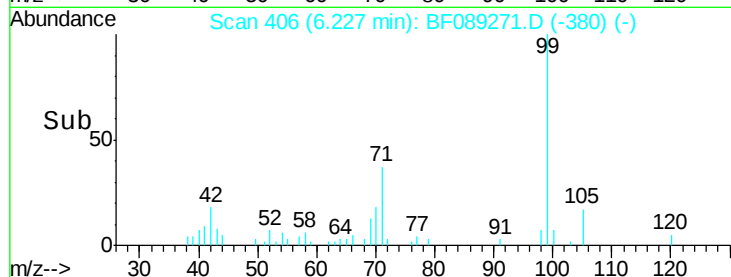
71 36.8 28.9 43.3



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



#13

1,4-Dichlorobenzene

Concen: 5.22 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

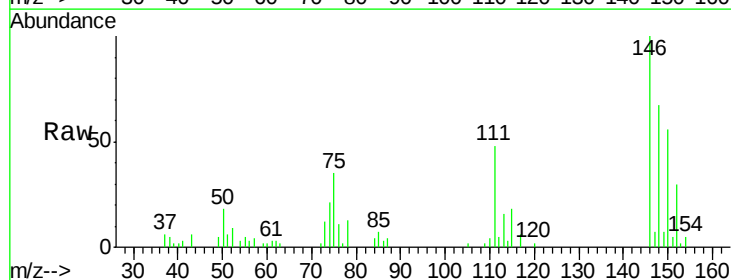
Tgt Ion: 146 Resp: 21065

Ion Ratio Lower Upper

146 100

148 66.6 49.9 74.9

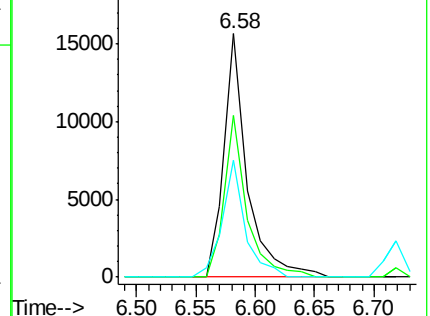
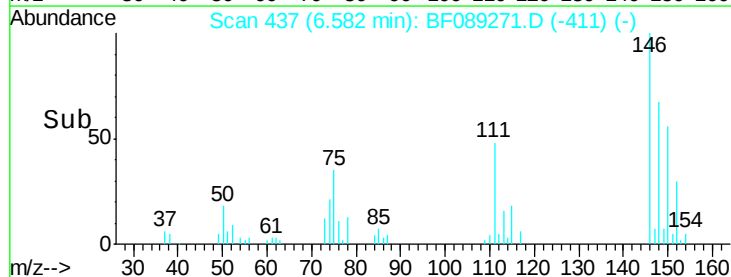
111 47.8 39.8 59.6

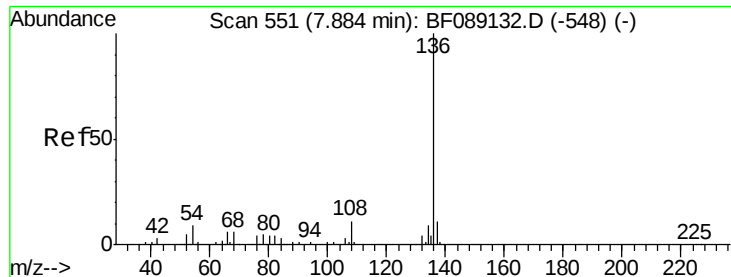


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0RE

Tot Ion:136 Resp: 199173

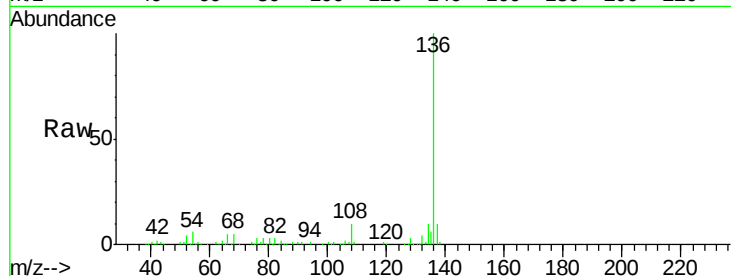
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.0 7.0 10.4#

68 5.0 5.0 7.6#

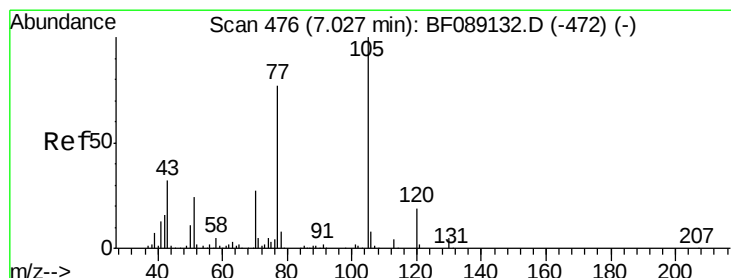
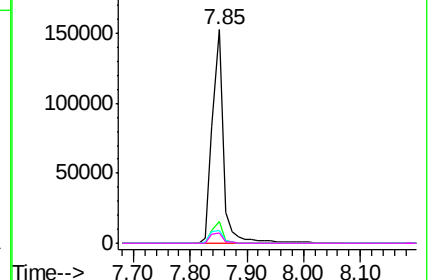
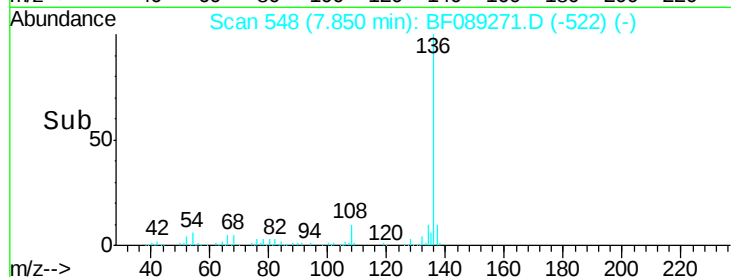


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3.80 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Tgt Ion:105 Resp: 20207

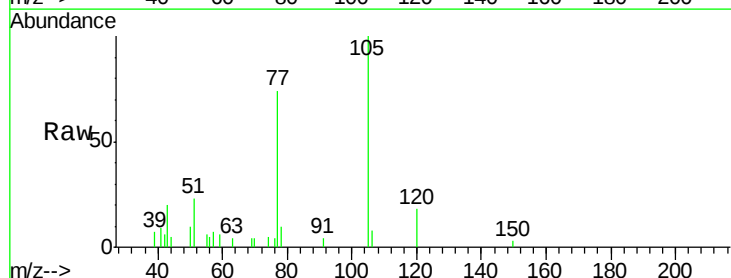
Ion Ratio Lower Upper

105 100

71 0.0 3.8 5.6#

51 23.4 19.6 29.4

120 17.8 15.5 23.3

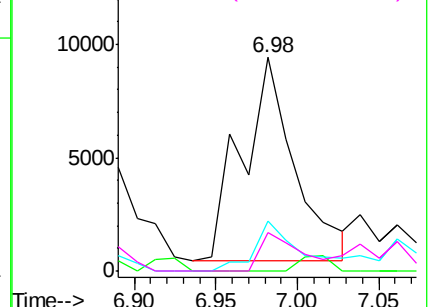
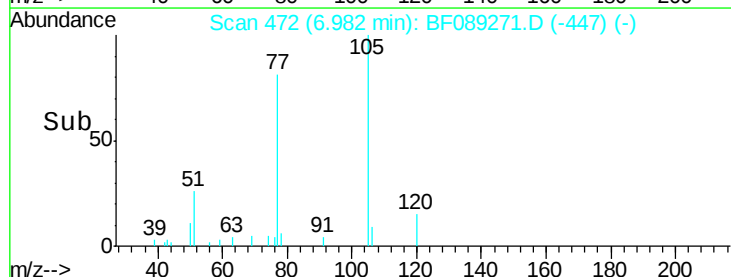


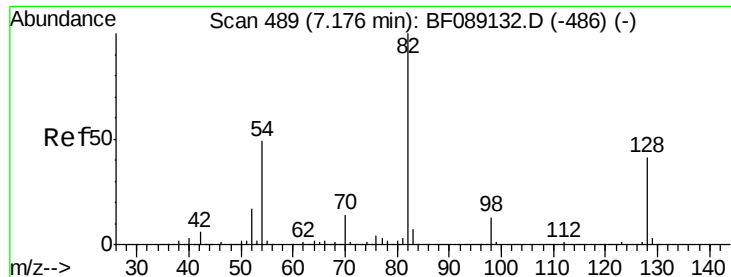
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

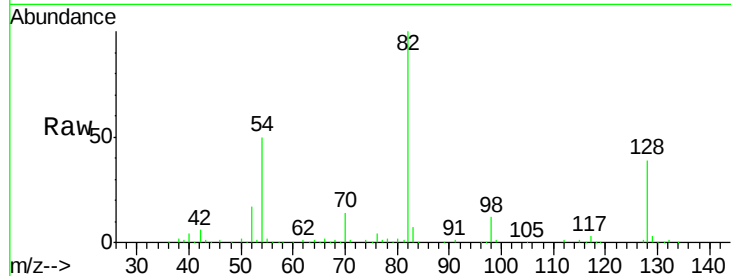




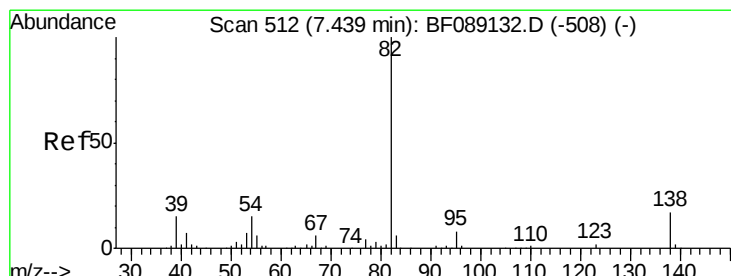
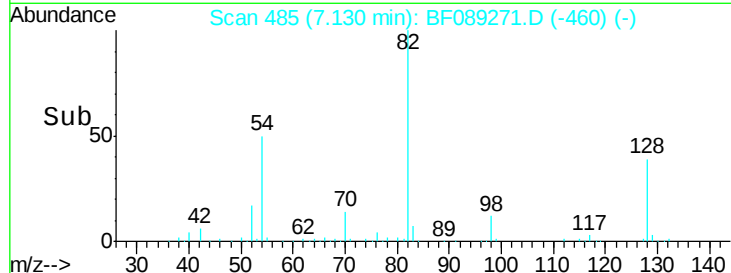
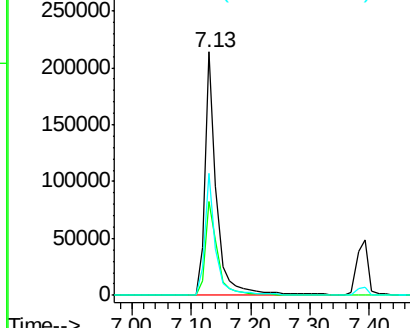
#23
 Nitrobenzene-d5
 Concen: 78.72 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089271.D
 Acq: 25 Jul 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-10-6.0-15.0RE

Tot Ion:	82	Resp:	295087
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.6
54	50.1	39.0	58.4

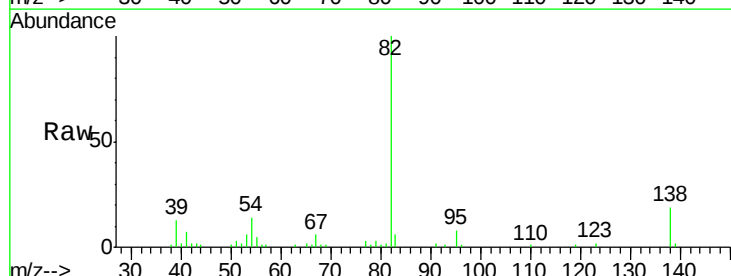


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

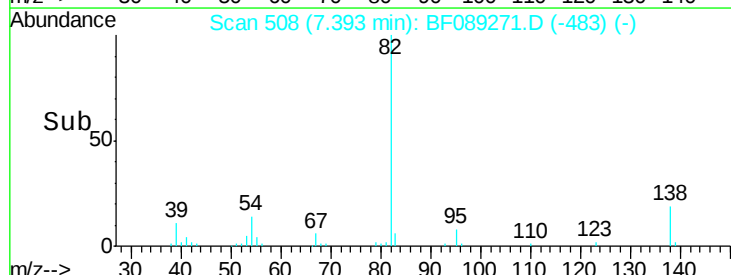
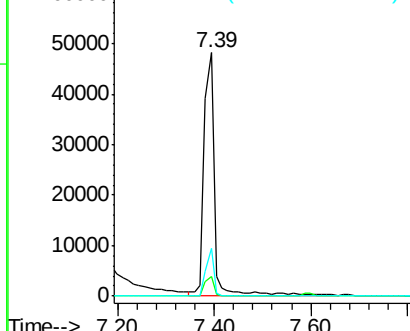


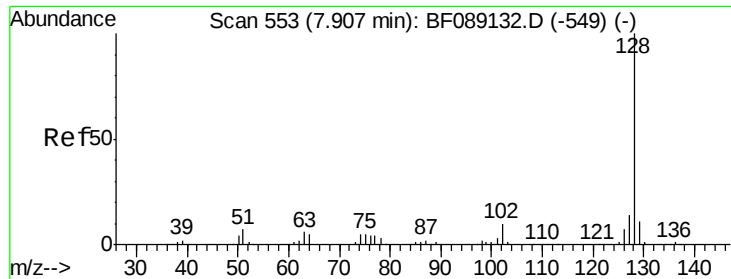
#25
 Isophorone
 Concen: 10.58 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF089271.D
 Acq: 25 Jul 2016 11:12

Tgt Ion:	82	Resp:	73091
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.1	9.1
138	19.5	13.6	20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

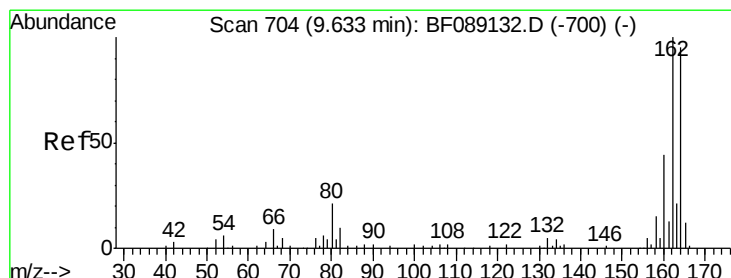
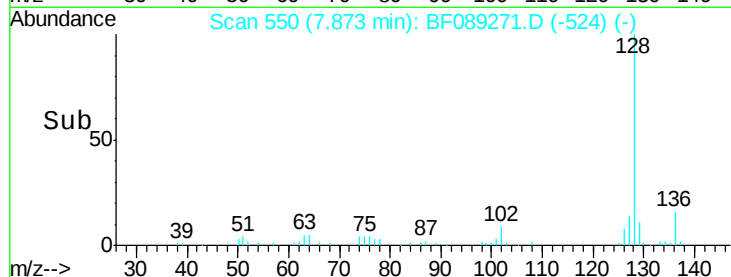
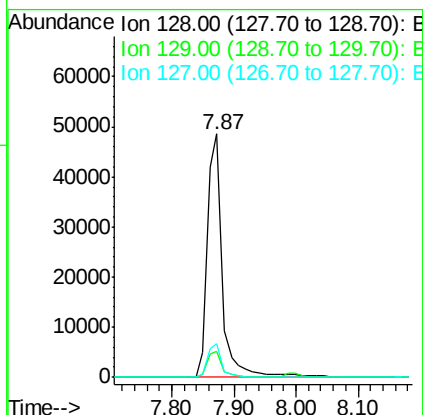
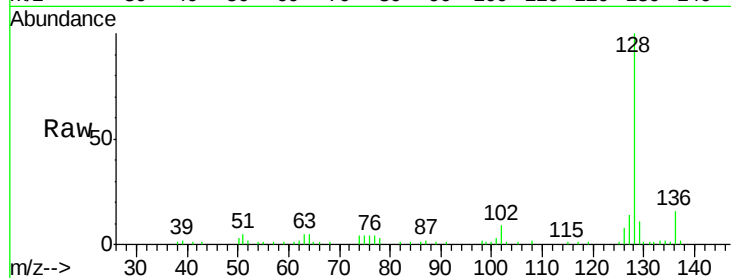




#31
Naphthalene
Concen: 7.62 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

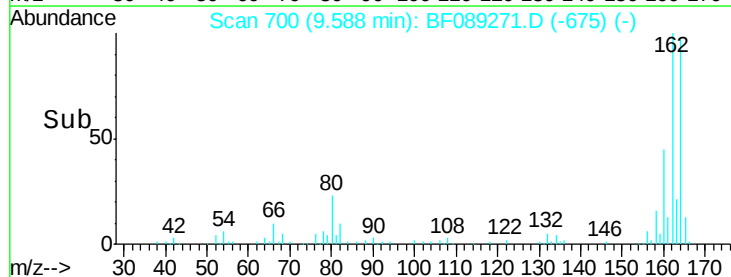
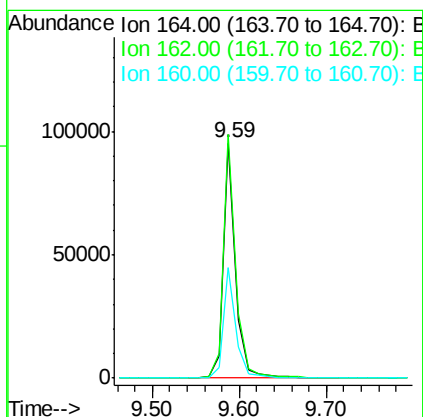
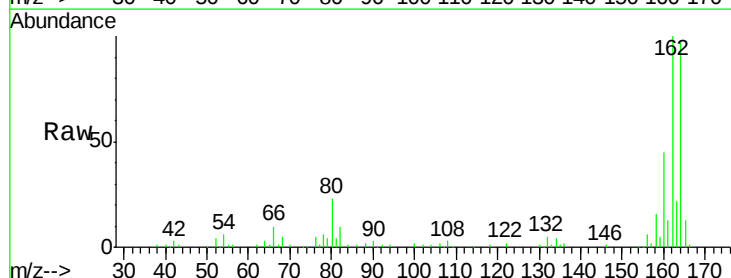
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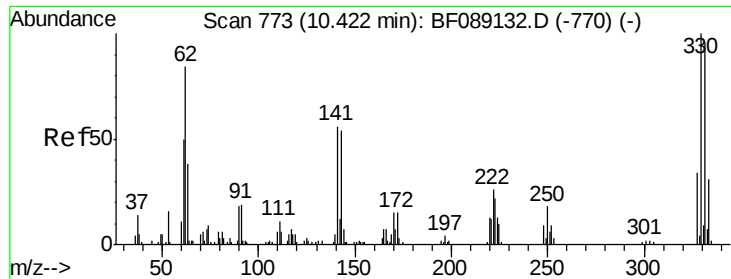
Tot Ion:128 Resp: 81926
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 14.0 10.8 16.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089271.D
Acq: 25 Jul 2016 11:12

Tgt Ion:164 Resp: 93917
Ion Ratio Lower Upper
164 100
162 103.6 84.1 126.1
160 47.0 37.1 55.7

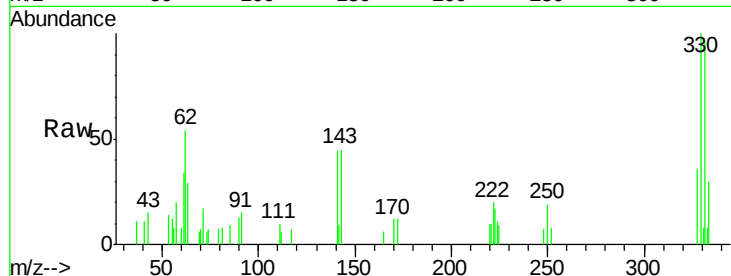




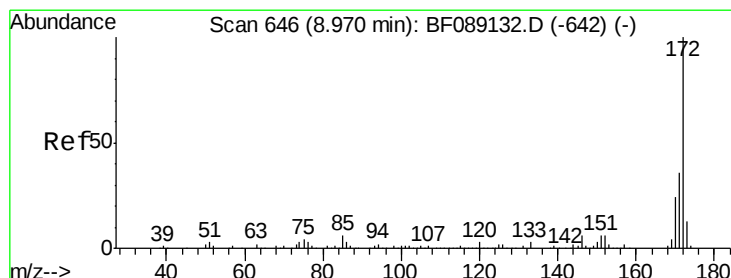
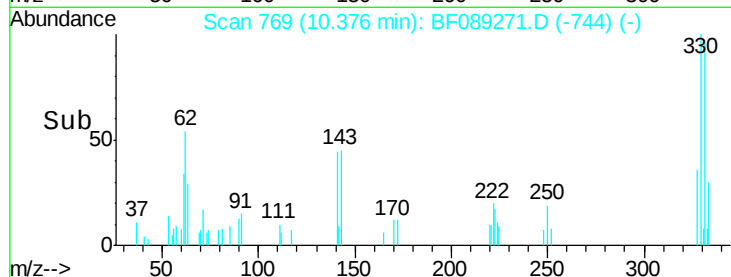
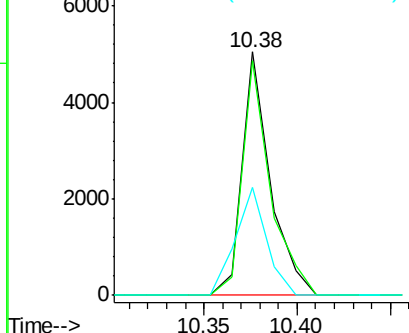
#41
 2,4,6-Tribromophenol
 Concen: 6.25 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089271.D
 Acq: 25 Jul 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-10-6.0-15.0RE

Tot Ion:330 Resp: 5286
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 49.0 42.2 63.2

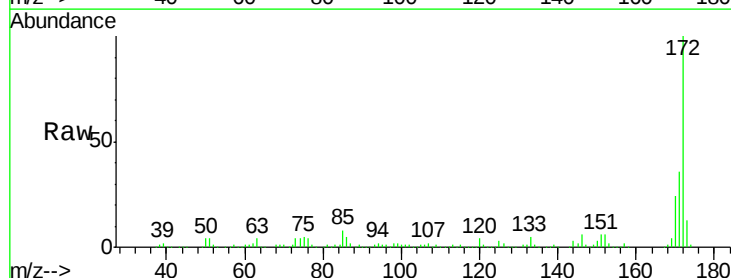


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

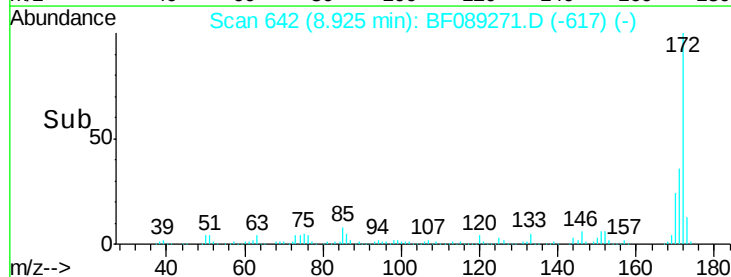
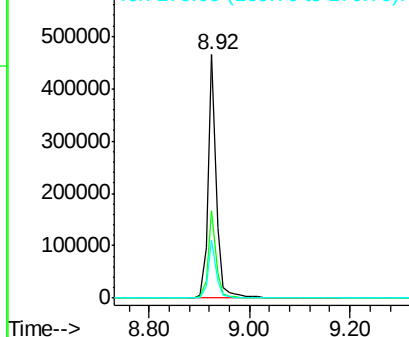


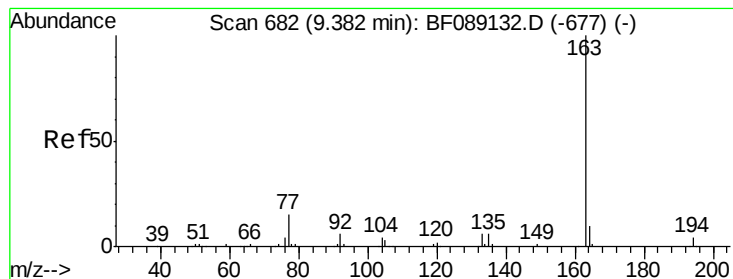
#44
 2-Fluorobiphenyl
 Concen: 77.70 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089271.D
 Acq: 25 Jul 2016 11:12

Tgt Ion:172 Resp: 529647
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.6 19.1 28.7



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: 14.99 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0RE

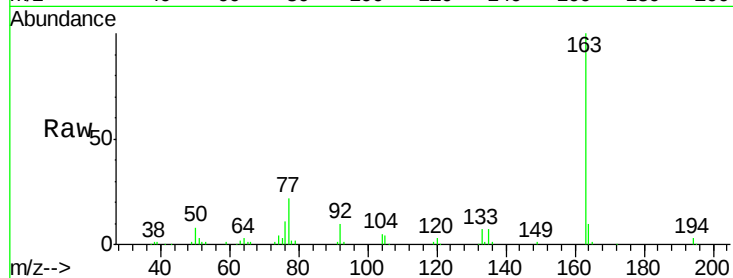
Tot Ion:163 Resp: 108063

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

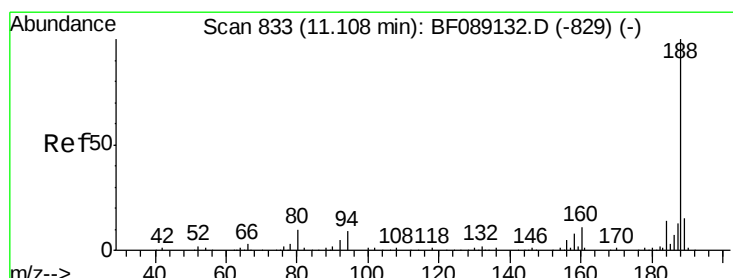
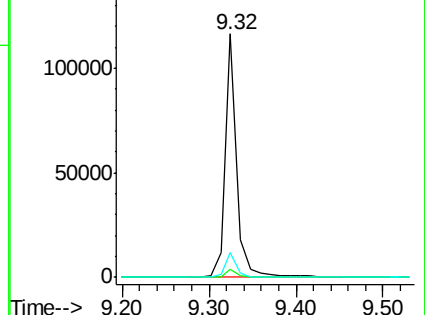
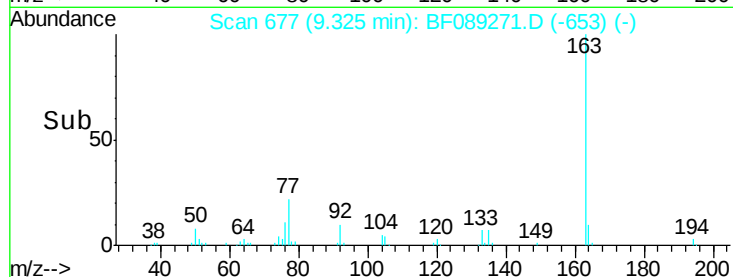
164 10.1 7.6 11.4



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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

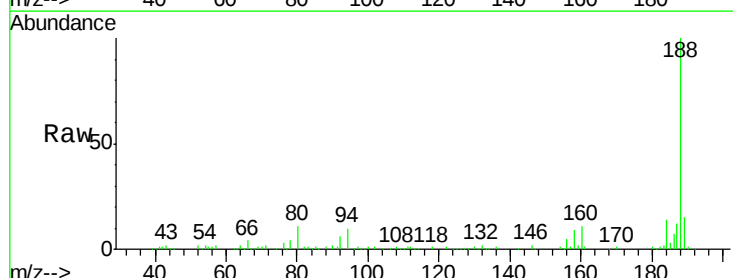
Tgt Ion:188 Resp: 166694

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

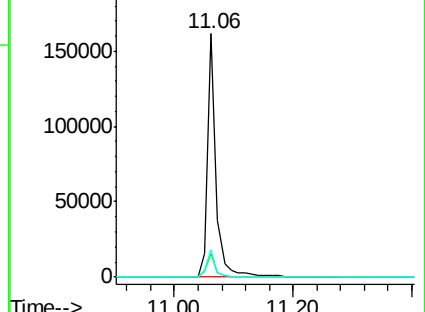
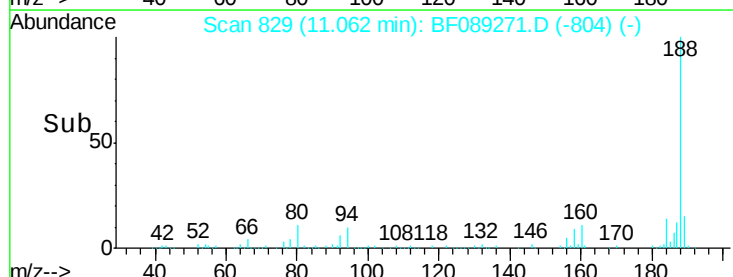
80 11.2 7.7 11.5

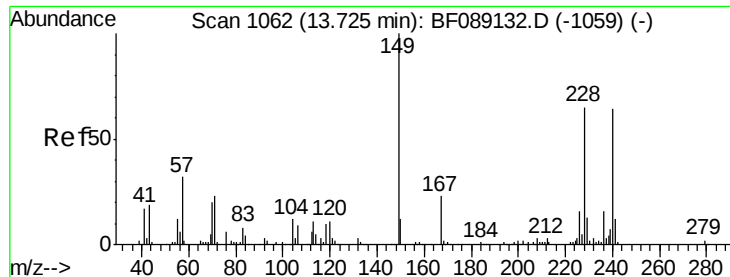


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0RE

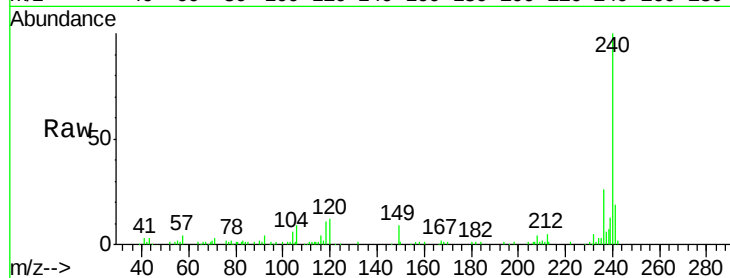
Tot Ion:240 Resp: 105281

Ion Ratio Lower Upper

240 100

120 11.6 13.6 20.4#

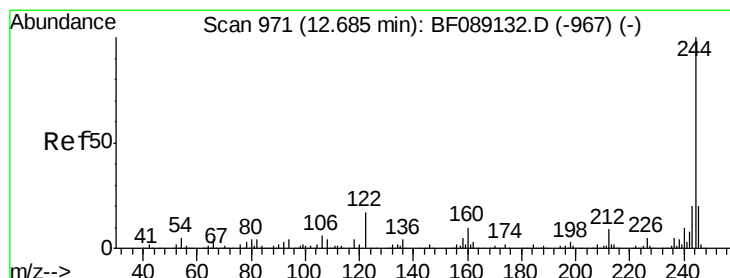
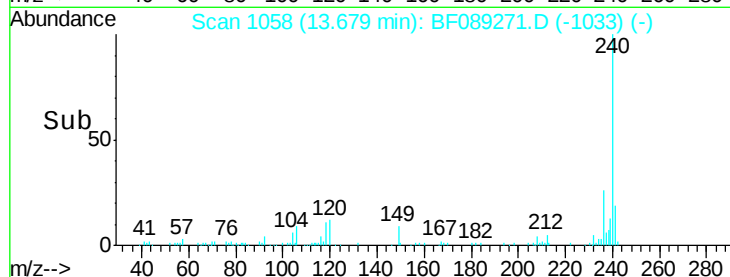
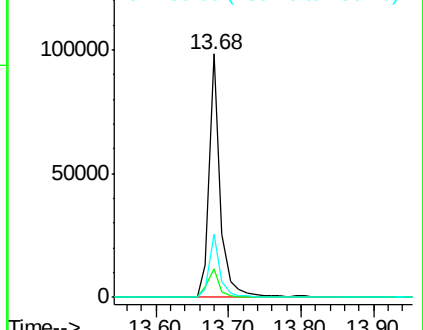
236 25.9 20.5 30.7



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: 81.82 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

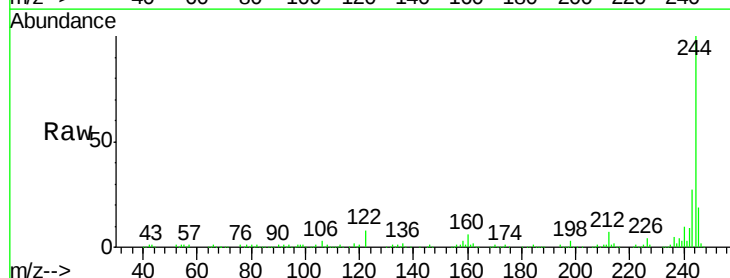
Tgt Ion:244 Resp: 397143

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

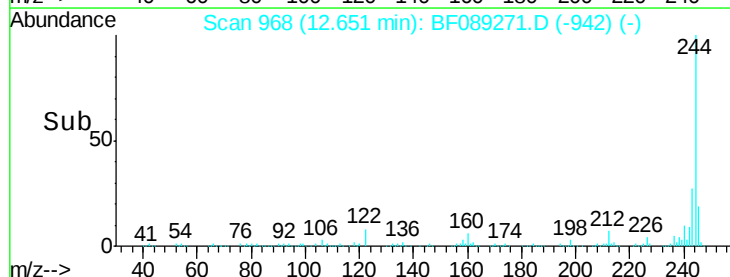
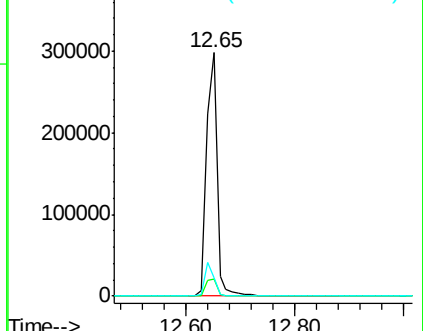
122 7.6 13.8 20.8#

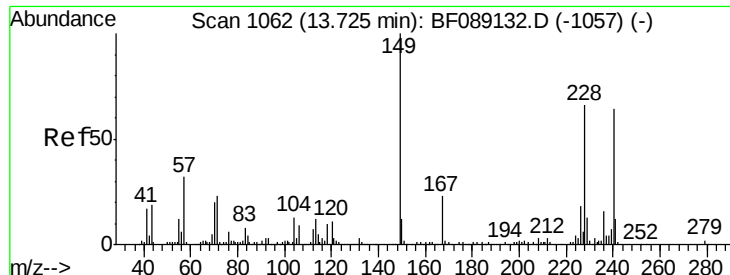


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.44 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

Instrument :

BNA_F

ClientSampleId :

GW-10-6.0-15.0RE

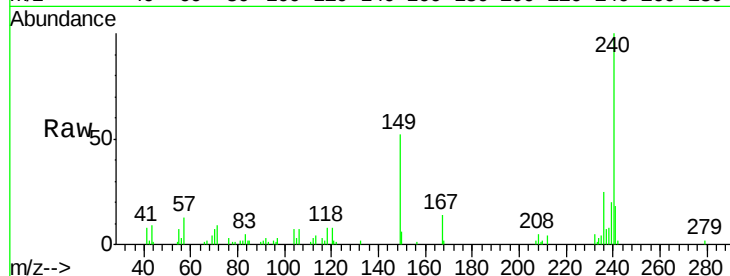
Tot Ion:149 Resp: 16762

Ion Ratio Lower Upper

149 100

167 26.2 18.6 28.0

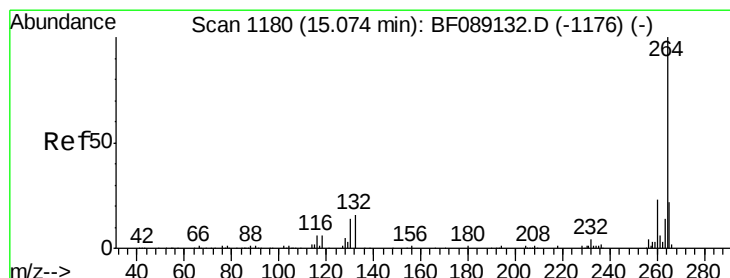
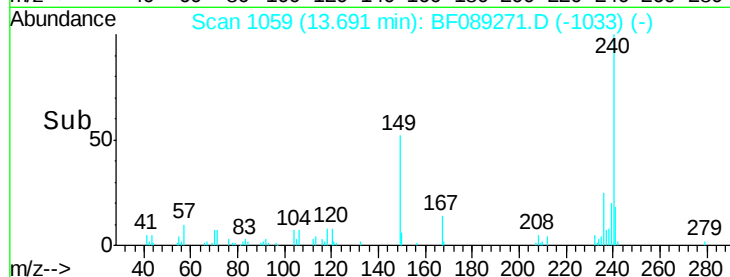
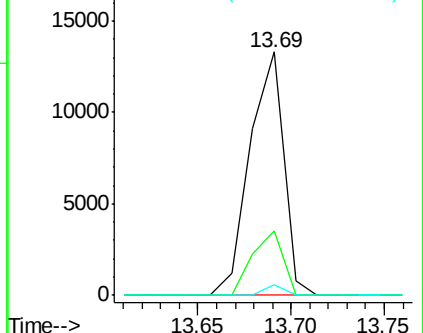
279 4.4 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF089271.D

Acq: 25 Jul 2016 11:12

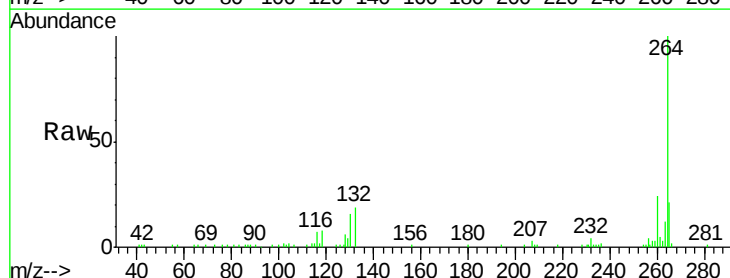
Tgt Ion:264 Resp: 79333

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.0 17.3 25.9



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

