

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022280.D
 Acq On : 10 Jun 2016 5:11
 Operator : UM/SJ
 Sample : H3396-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-946-PLATFORM(0-4)

Quant Time: Jun 10 07:42:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

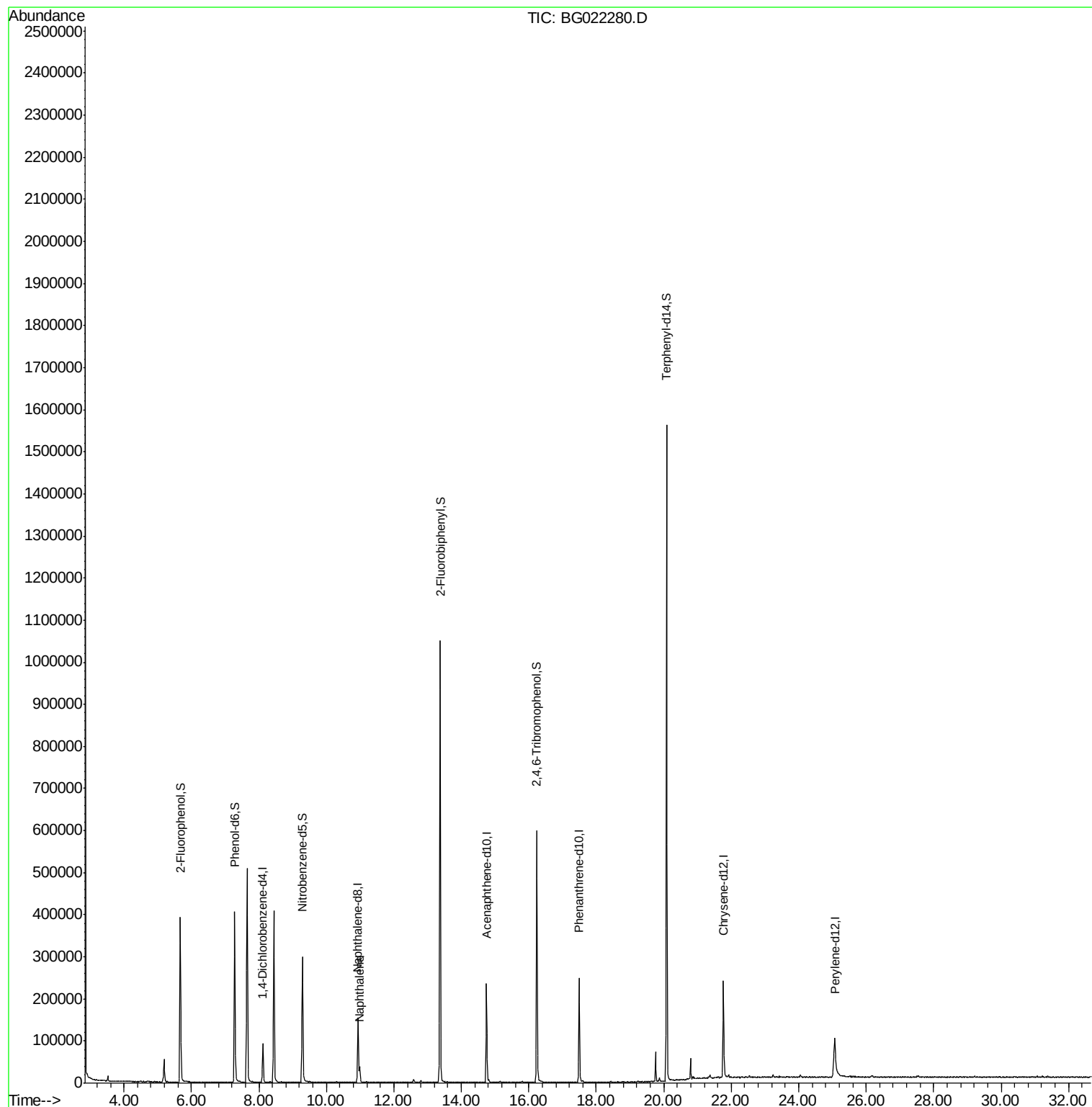
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	33406	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	174266	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	96750	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	187200	20.00	ng	0.00
75) Chrysene-d12	21.77	240	163417	20.00	ng	0.00
86) Perylene-d12	25.07	264	140956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	254970	147.57	ng	0.00
7) Phenol-d6	7.28	99	350571	129.05	ng	0.00
23) Nitrobenzene-d5	9.29	82	238687	95.49	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	140019	128.08	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	625494	98.52	ng	0.00
78) Terphenyl-d14	20.09	244	739255	107.40	ng	0.00
Target Compounds						
31) Naphthalene	10.98	128	38739	4.45	ng	Qvalue # 94

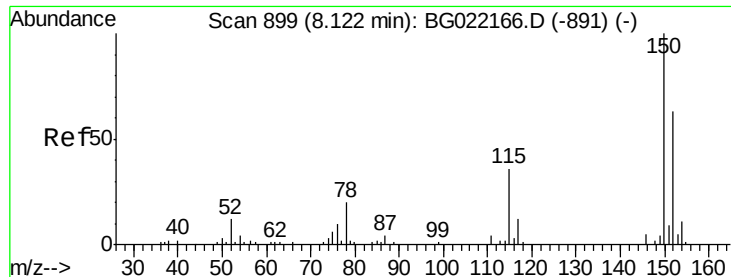
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

Instrument :

BNA_G

ClientSampleId :

STA-946-PLATFORM(0-4)

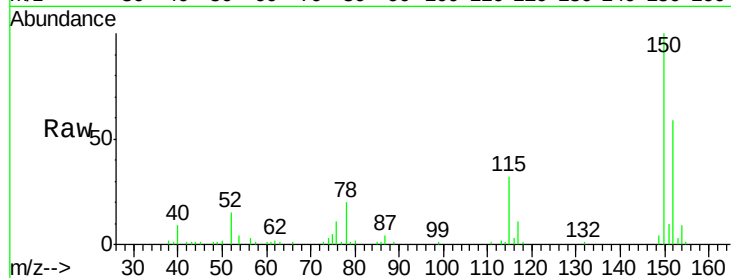
Tot Ion:152 Resp: 33406

Ion Ratio Lower Upper

152 100

150 169.9 130.1 195.1

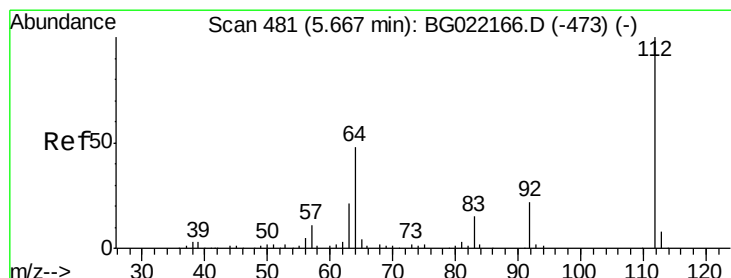
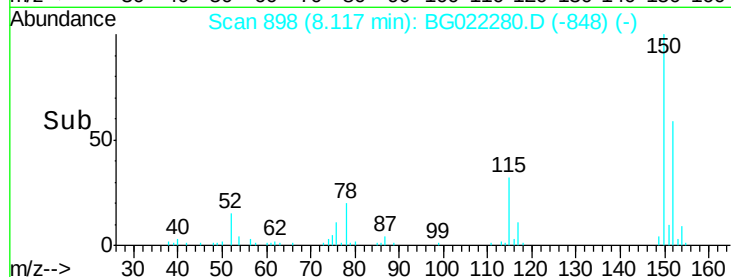
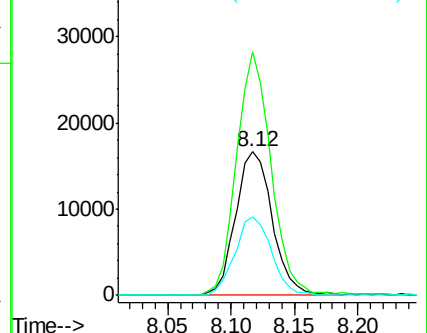
115 55.1 62.2 93.2#



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: 147.57 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

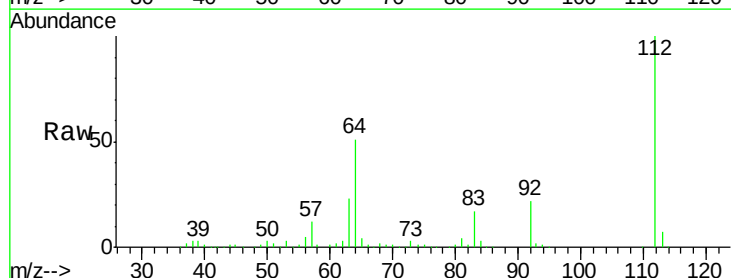
Tgt Ion:112 Resp: 254970

Ion Ratio Lower Upper

112 100

64 50.6 51.1 76.7#

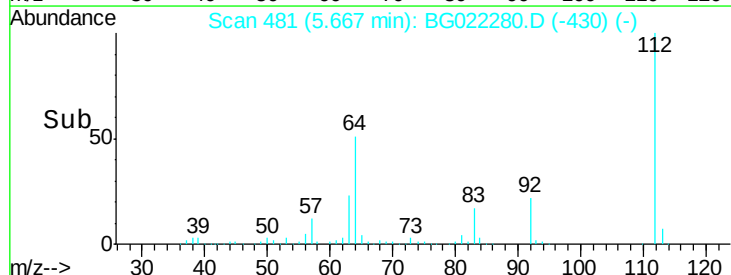
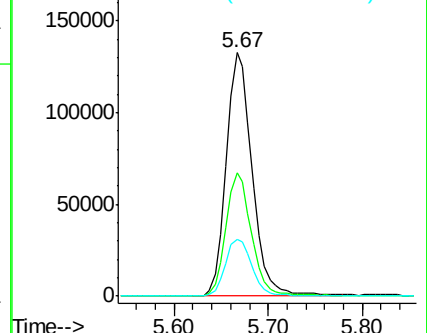
63 23.3 24.6 37.0#

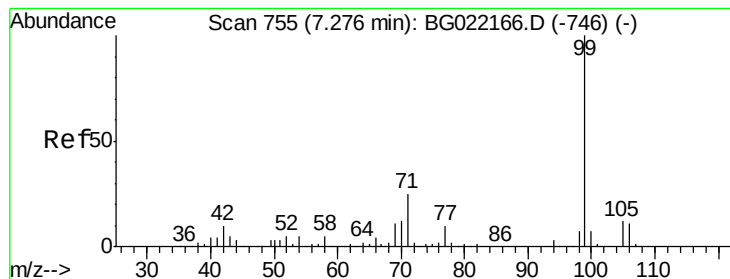


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.05 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

Instrument :

BNA_G

ClientSampleId :

STA-946-PLATFORM(0-4)

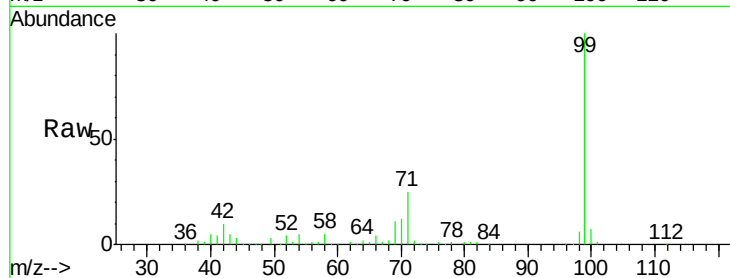
Tot Ion: 99 Resp: 350571

Ion Ratio Lower Upper

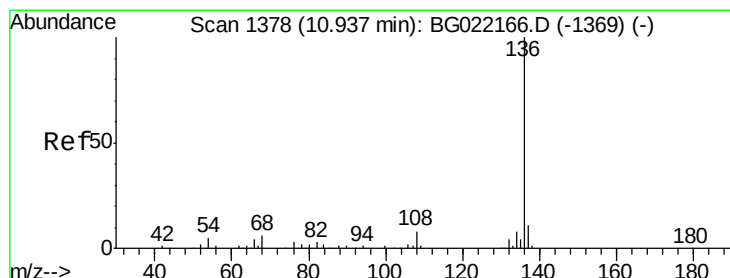
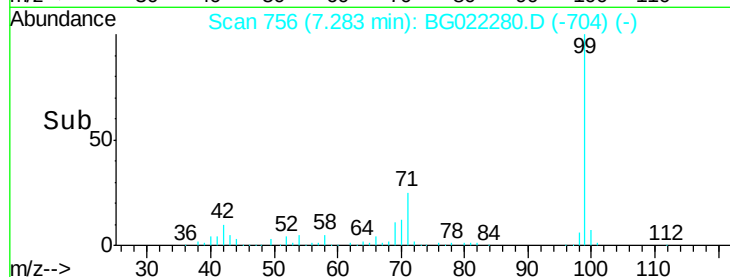
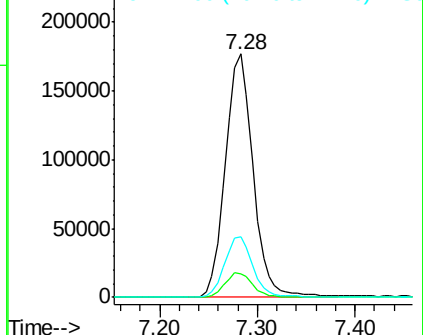
99 100

42 9.8 16.4 24.6#

71 25.0 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

Tgt Ion: 136 Resp: 174266

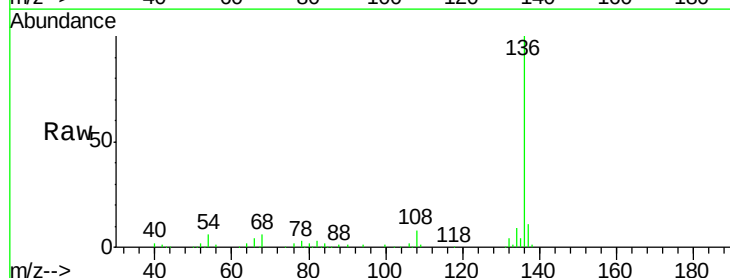
Ion Ratio Lower Upper

136 100

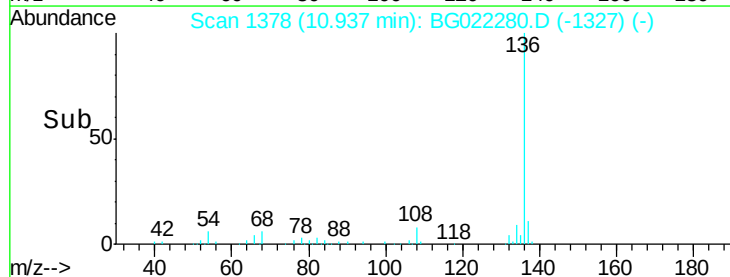
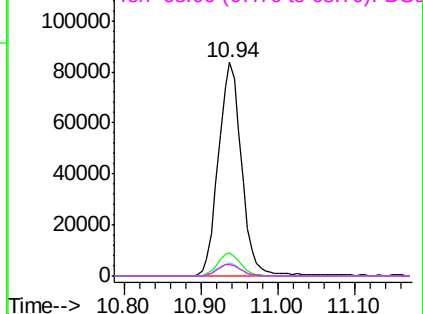
137 10.6 9.0 13.4

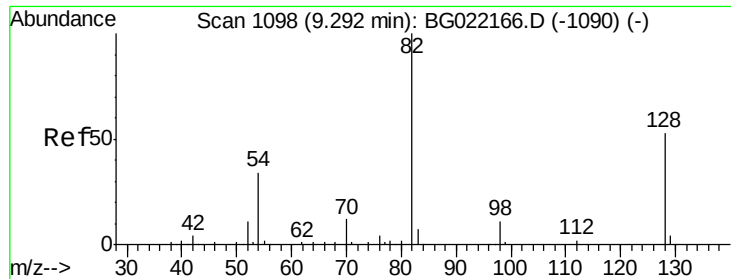
54 5.8 9.6 14.4#

68 5.7 6.4 9.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 95.49 ng

RT: 9.29 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

Instrument :

BNA_G

ClientSampleId :

STA-946-PLATFORM(0-4)

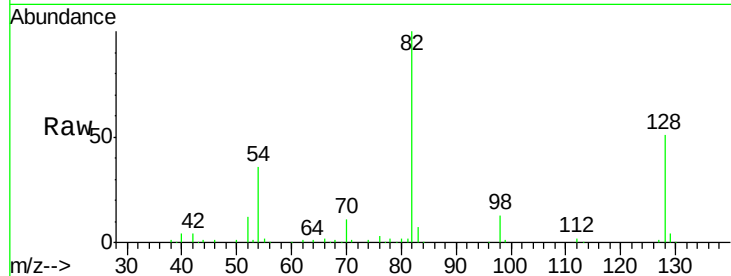
Tot Ion: 82 Resp: 238687

Ion Ratio Lower Upper

82 100

128 51.2 33.4 50.0#

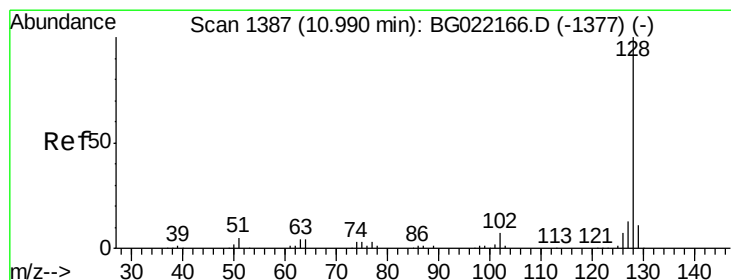
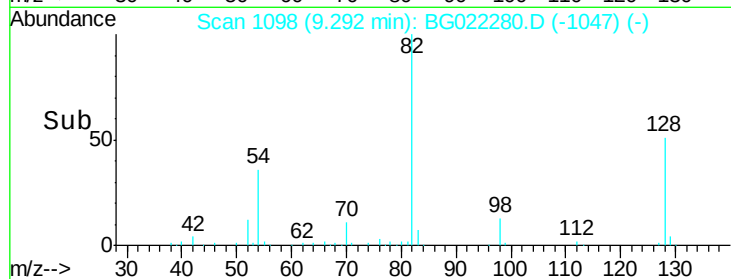
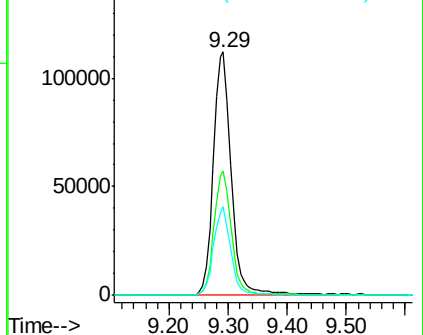
54 36.4 46.1 69.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 4.45 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

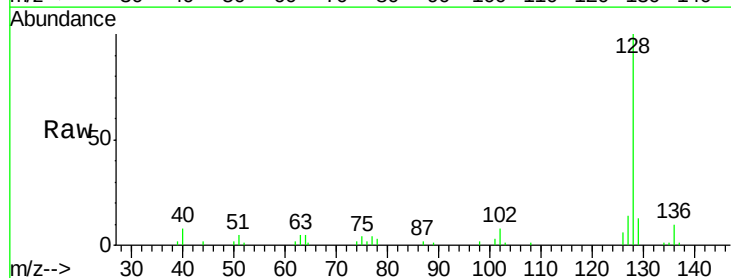
Tgt Ion: 128 Resp: 38739

Ion Ratio Lower Upper

128 100

129 12.6 7.0 10.6#

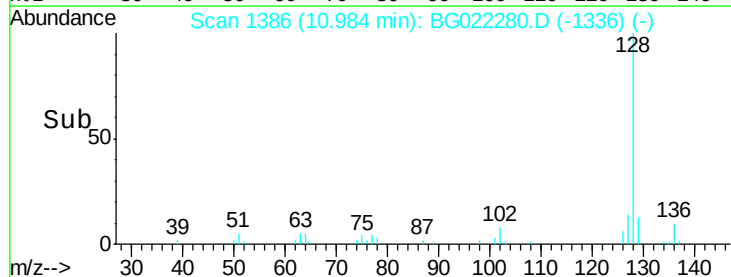
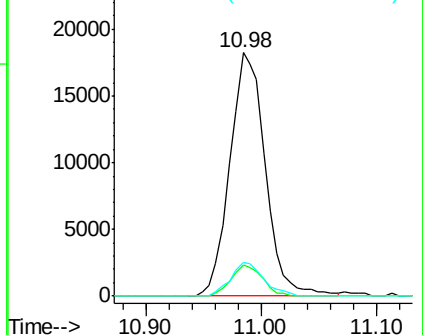
127 13.7 10.1 15.1

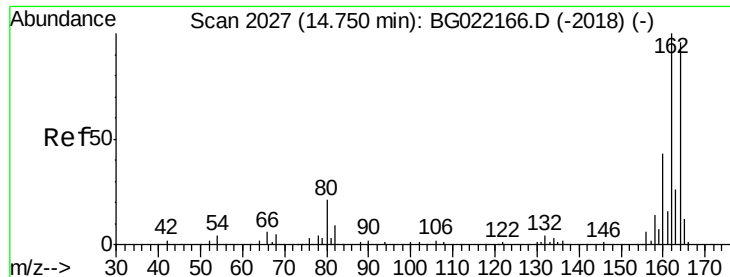


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

Instrument :

BNA_G

ClientSampleId :

STA-946-PLATFORM(0-4)

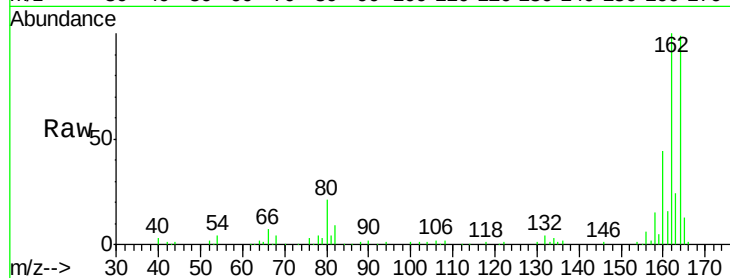
Tot Ion:164 Resp: 96750

Ion Ratio Lower Upper

164 100

162 100.8 78.0 117.0

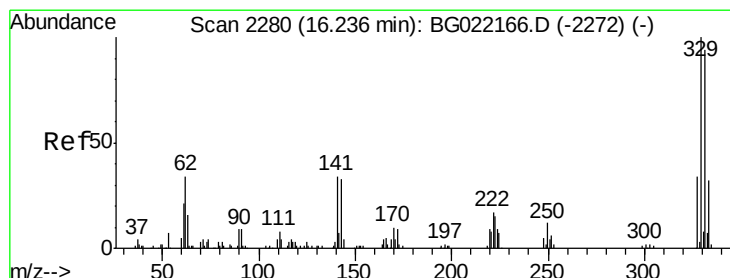
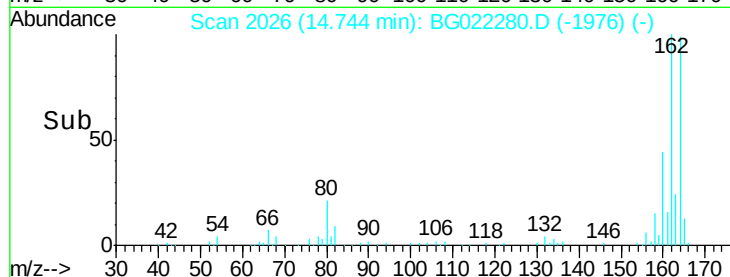
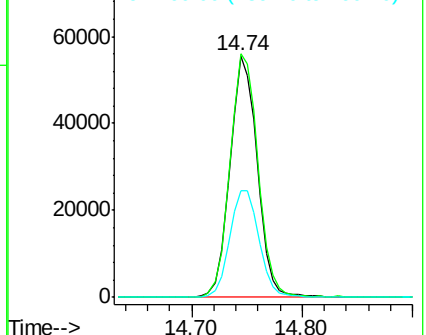
160 44.1 32.9 49.3



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: 128.08 ng

RT: 16.24 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

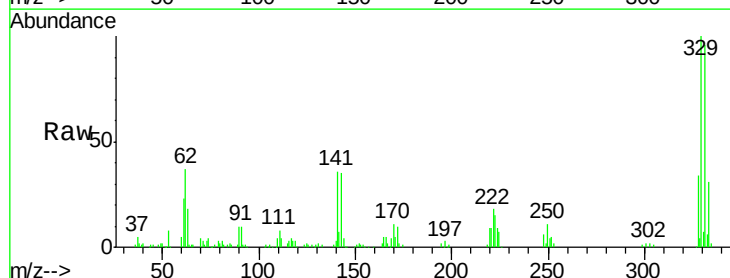
Tgt Ion:330 Resp: 140019

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

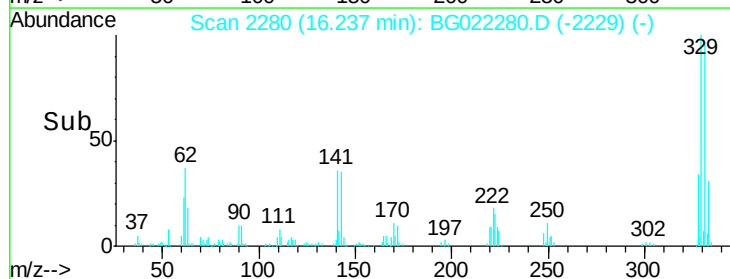
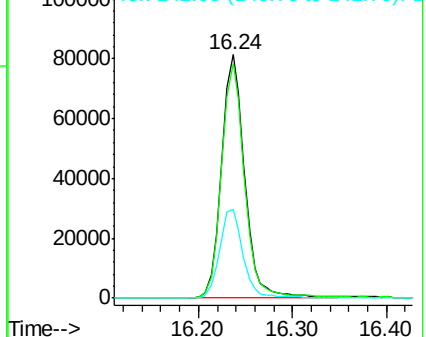
141 37.4 33.8 50.8

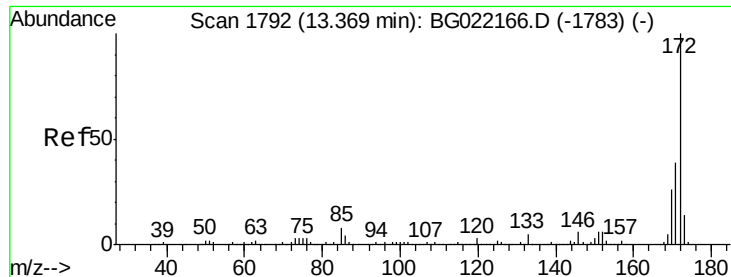


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

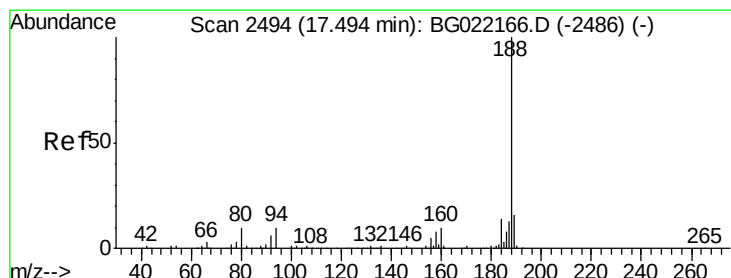
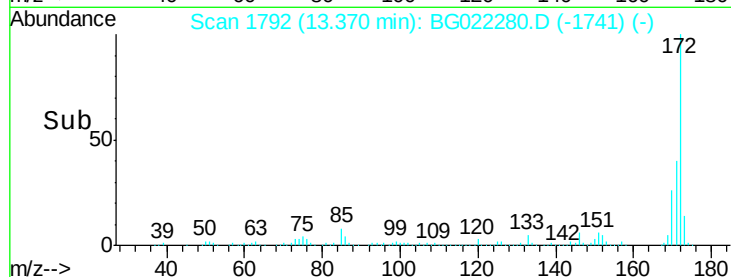
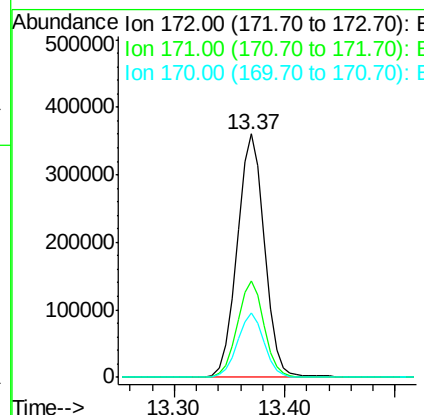
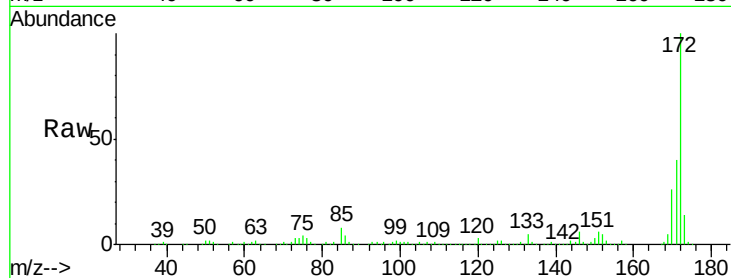




#44
 2-Fluorobiphenyl
 Concen: 98.52 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022280.D
 Acq: 10 Jun 2016 5:11

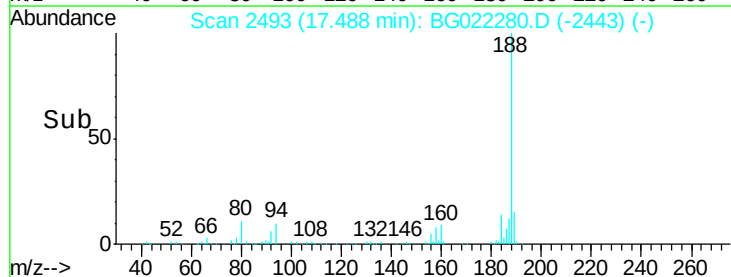
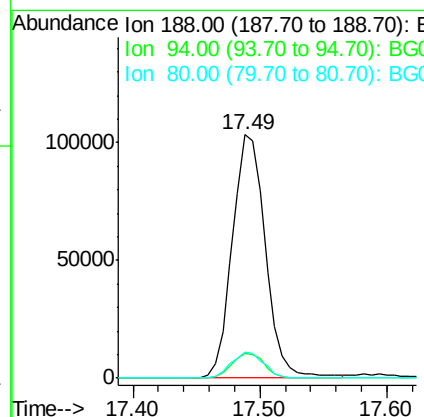
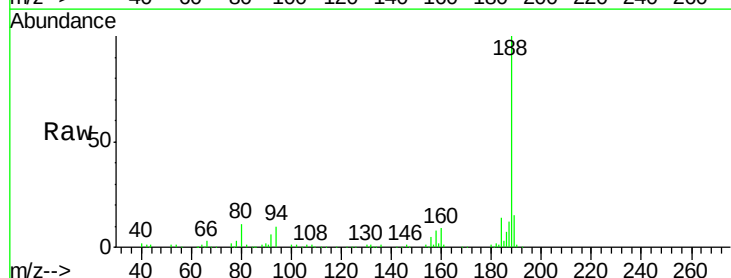
Instrument :
 BNA_G
 ClientSampleId :
 STA-946-PLATFORM(0-4)

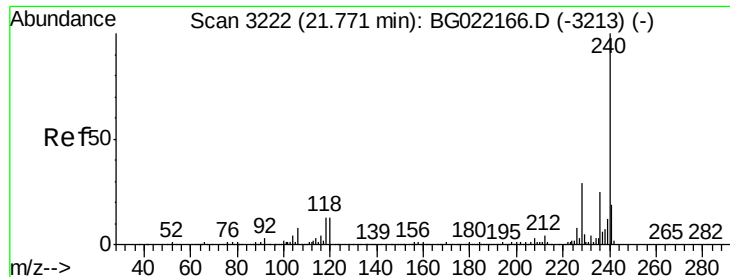
Tot Ion:172 Resp: 625494
 Ion Ratio Lower Upper
 172 100
 171 39.7 27.8 41.6
 170 26.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BG022280.D
 Acq: 10 Jun 2016 5:11

Tgt Ion:188 Resp: 187200
 Ion Ratio Lower Upper
 188 100
 94 10.4 7.5 11.3
 80 10.6 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

Instrument :

BNA_G

ClientSampleId :

STA-946-PLATFORM(0-4)

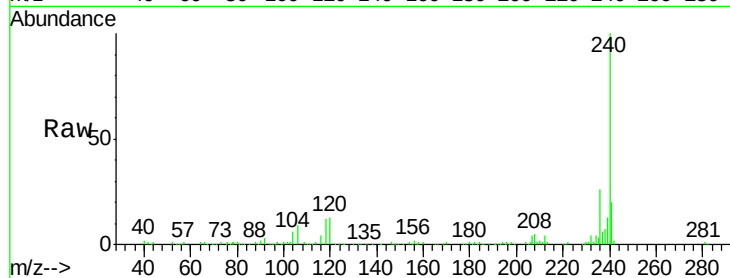
Tot Ion:240 Resp: 163417

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

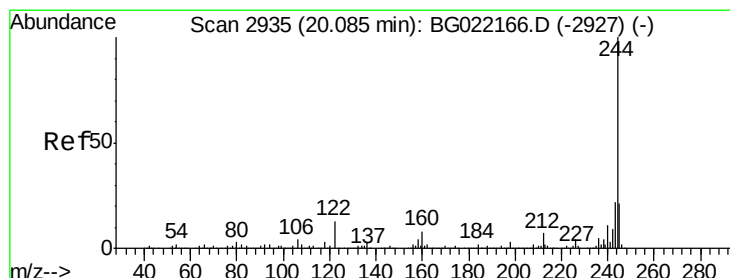
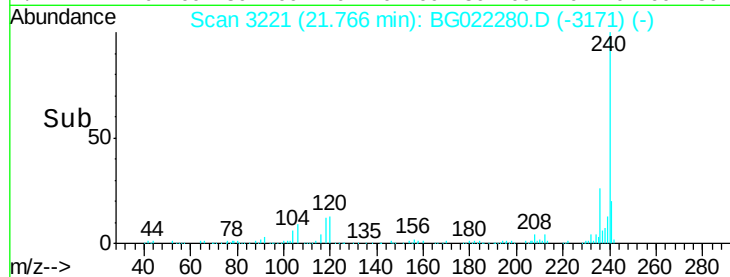
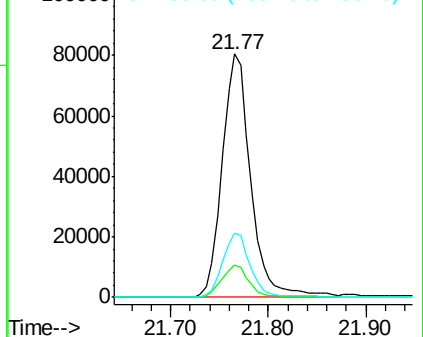
236 26.4 19.6 29.4



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: 107.40 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022280.D

Acq: 10 Jun 2016 5:11

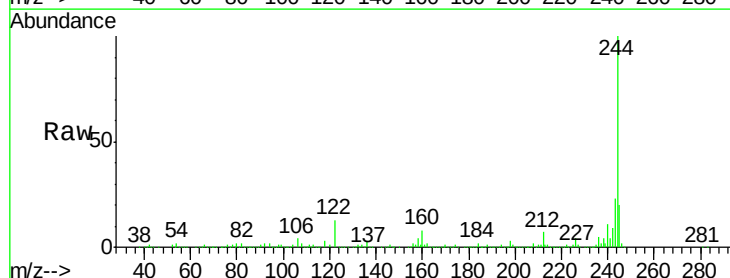
Tgt Ion:244 Resp: 739255

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

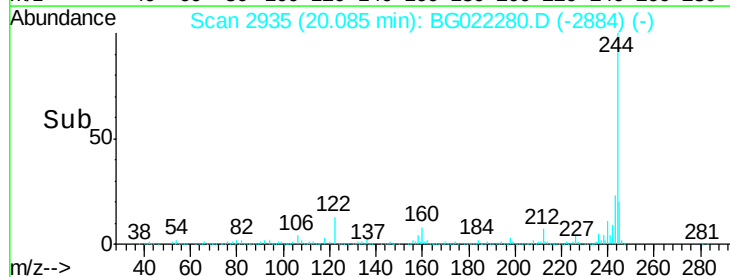
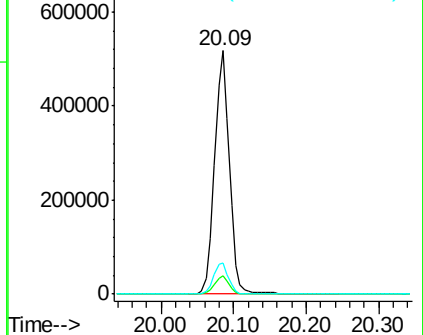
122 12.7 8.6 12.8

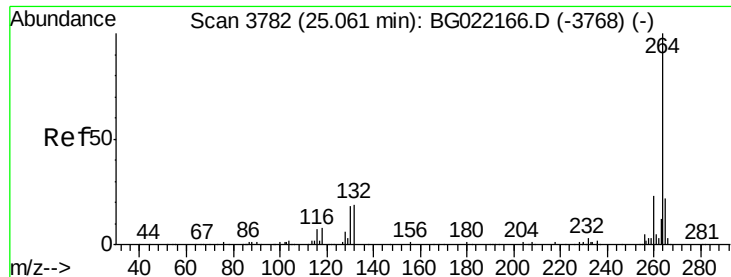


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.01 min
Lab File: BG022280.D
Acq: 10 Jun 2016 5:11

Instrument :
BNA_G
ClientSampleId :
STA-946-PLATFORM(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.4
265	20.8	17.8	26.8

