

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022277.D
 Acq On : 10 Jun 2016 3:11
 Operator : UM/SJ
 Sample : H3396-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-932-PLATFORM(0-4)

Quant Time: Jun 10 07:42:14 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

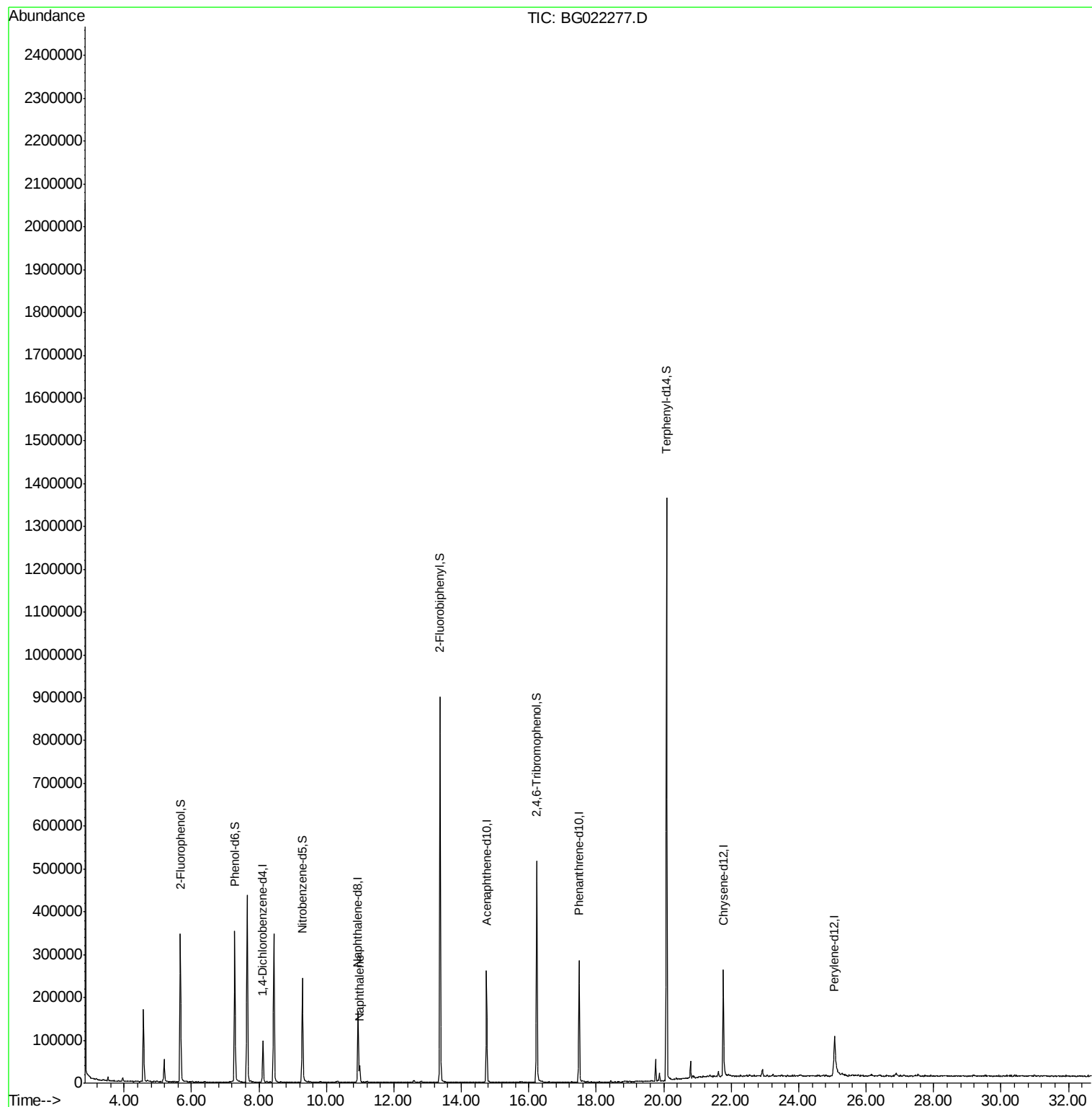
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36098	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	183326	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	102283	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	202810	20.00	ng	0.00
75) Chrysene-d12	21.77	240	170237	20.00	ng	0.00
86) Perylene-d12	25.07	264	123297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	223674	119.80	ng	0.00
7) Phenol-d6	7.28	99	311228	106.02	ng	0.00
23) Nitrobenzene-d5	9.29	82	199263	75.78	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	123560	106.91	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	547243	81.54	ng	0.00
78) Terphenyl-d14	20.08	244	660528	92.12	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	39453	4.31	ng	Qvalue # 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

Instrument :

BNA_G

ClientSampleId :

STA-932-PLATFORM(0-4)

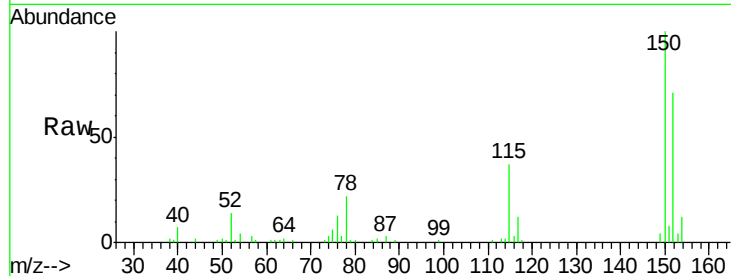
Tgt Ion:152 Resp: 36098

Ion Ratio Lower Upper

152 100

150 141.8 130.1 195.1

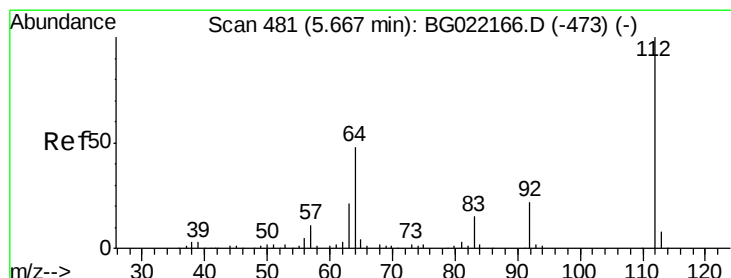
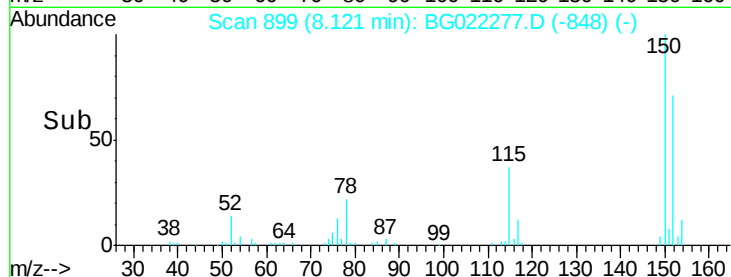
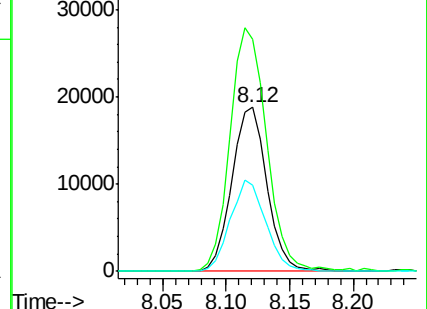
115 52.7 62.2 93.2#



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: 119.80 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

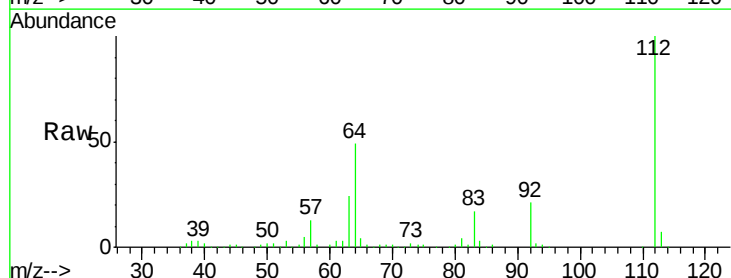
Tgt Ion:112 Resp: 223674

Ion Ratio Lower Upper

112 100

64 49.0 51.1 76.7#

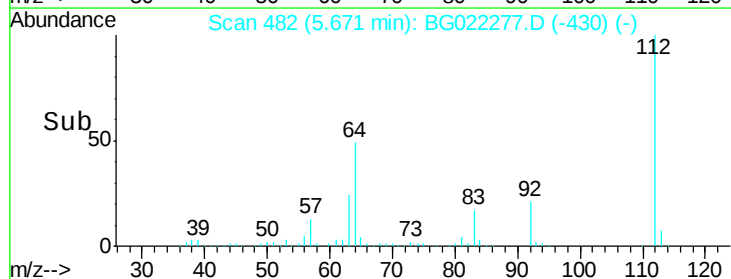
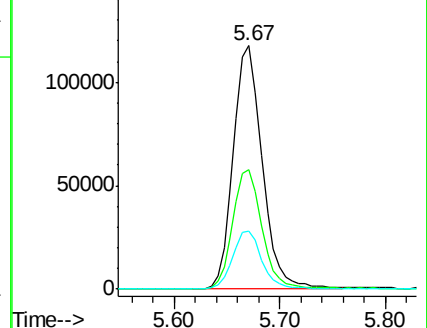
63 23.9 24.6 37.0#



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: 106.02 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

Instrument :

BNA_G

ClientSampleId :

STA-932-PLATFORM(0-4)

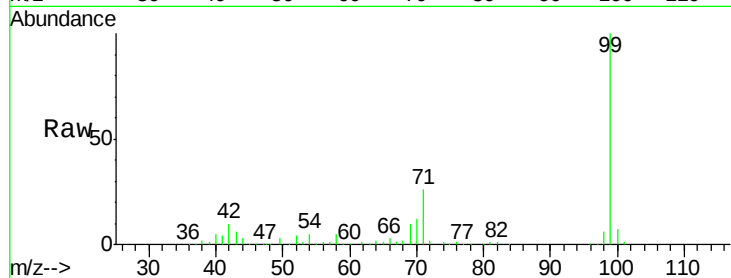
Tgt Ion: 99 Resp: 311228

Ion Ratio Lower Upper

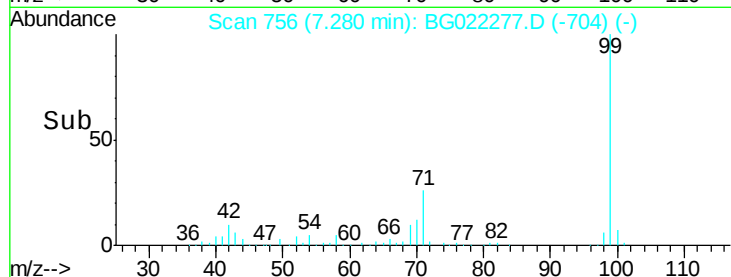
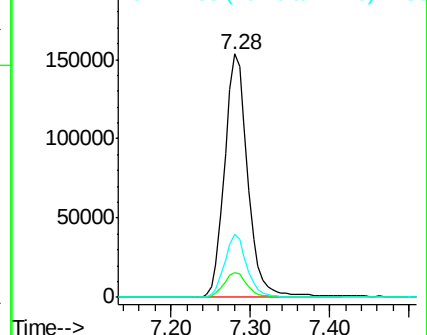
99 100

42 10.3 16.4 24.6#

71 26.0 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: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

Tgt Ion: 136 Resp: 183326

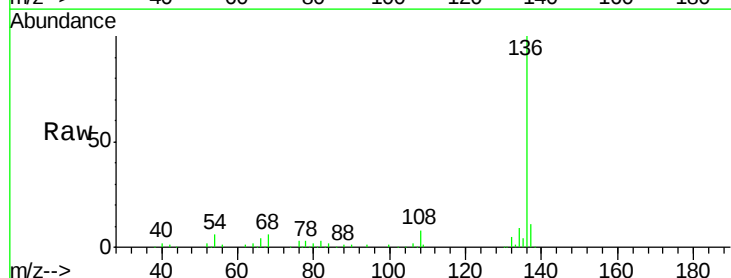
Ion Ratio Lower Upper

136 100

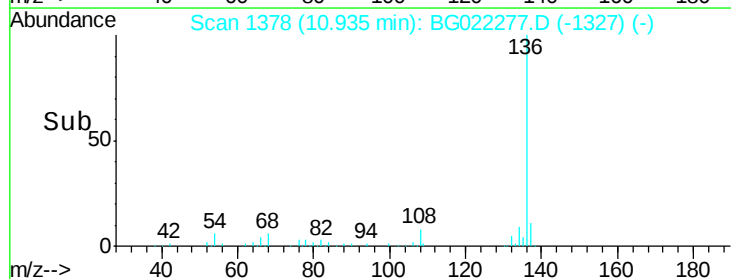
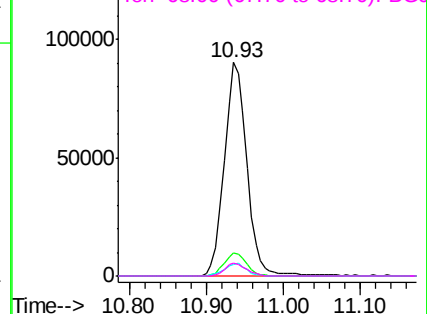
137 10.9 9.0 13.4

54 5.6 9.6 14.4#

68 5.9 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

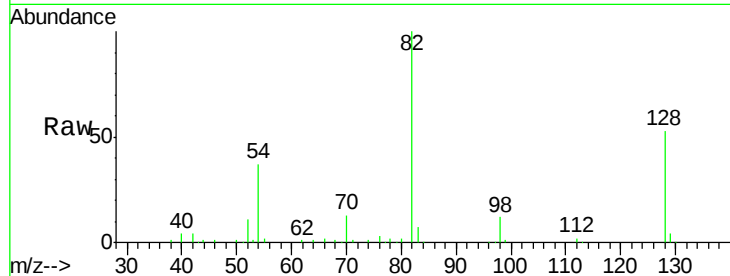




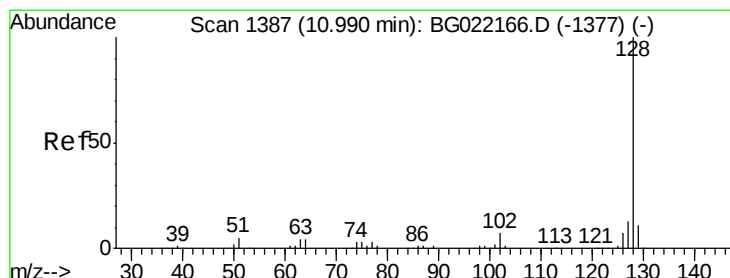
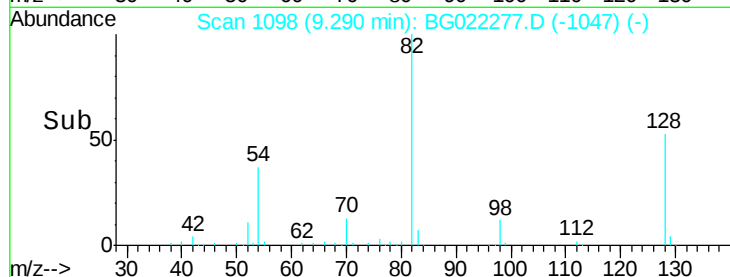
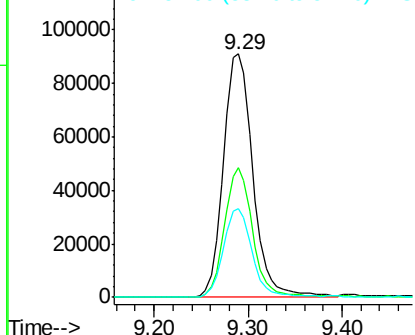
#23
Nitrobenzene-d5
Concen: 75.78 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022277.D
Acq: 10 Jun 2016 3:11

Instrument :
BNA_G
ClientSampleId :
STA-932-PLATFORM(0-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.0	33.4	50.0#
54	36.6	46.1	69.1#

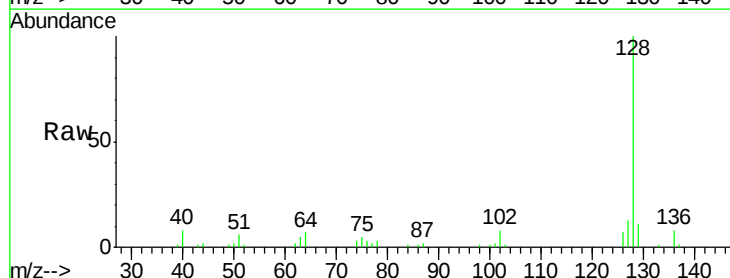


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

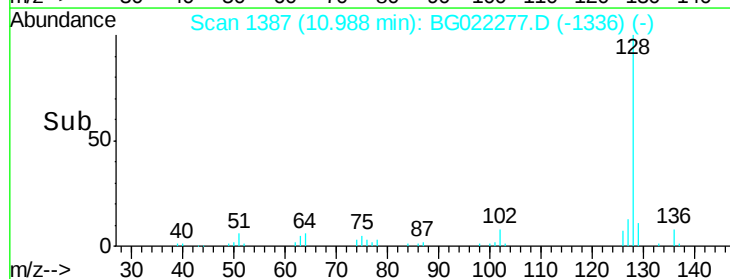
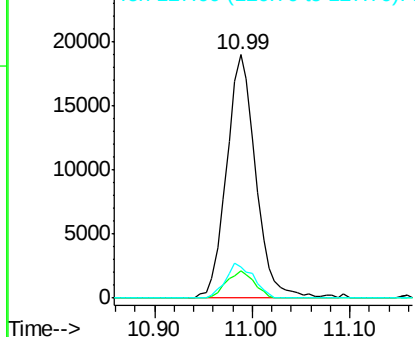


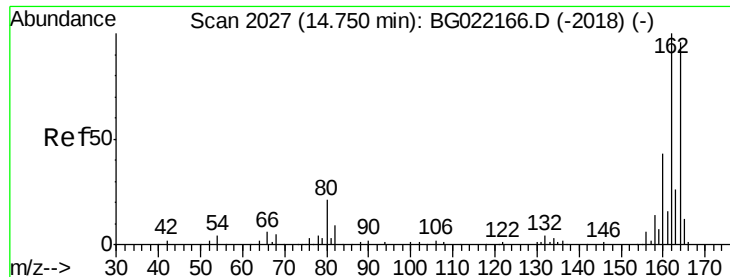
#31
Naphthalene
Concen: 4.31 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022277.D
Acq: 10 Jun 2016 3:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	7.0	10.6#
127	12.7	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: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

Instrument :

BNA_G

ClientSampleId :

STA-932-PLATFORM(0-4)

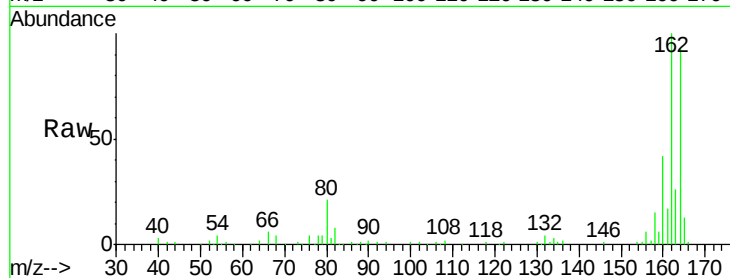
Tgt Ion:164 Resp: 102283

Ion Ratio Lower Upper

164 100

162 107.9 78.0 117.0

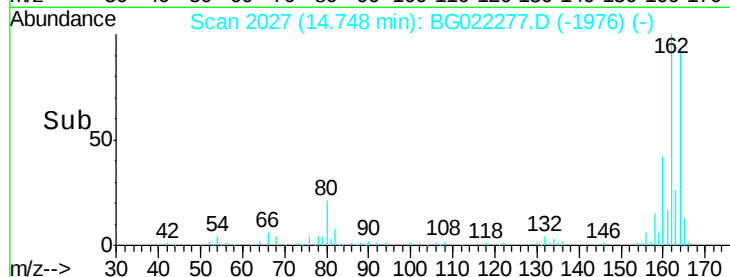
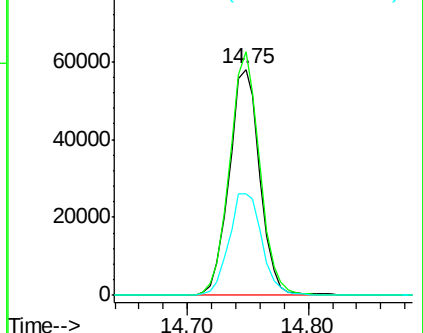
160 45.2 32.9 49.3



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: 106.91 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

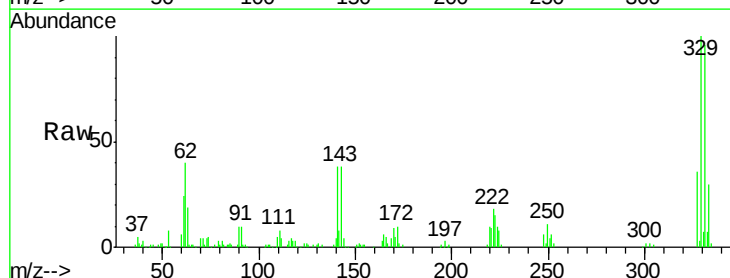
Tgt Ion:330 Resp: 123560

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

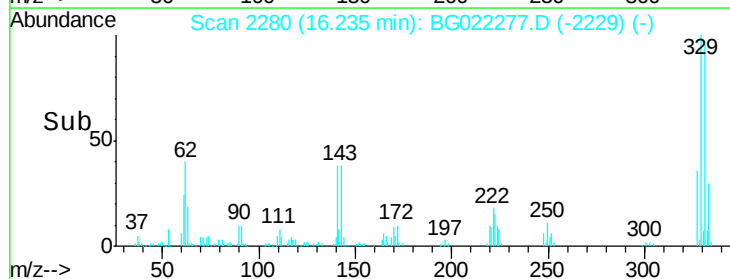
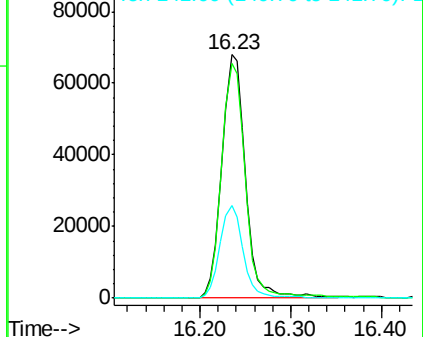
141 37.7 33.8 50.8

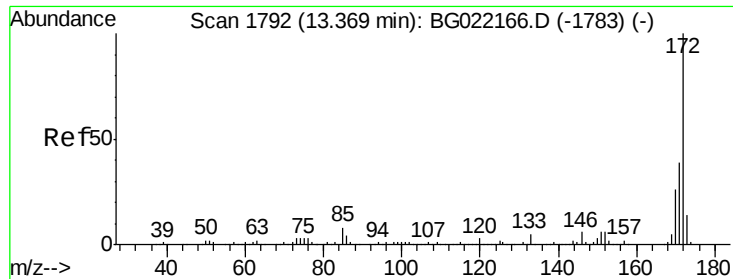


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

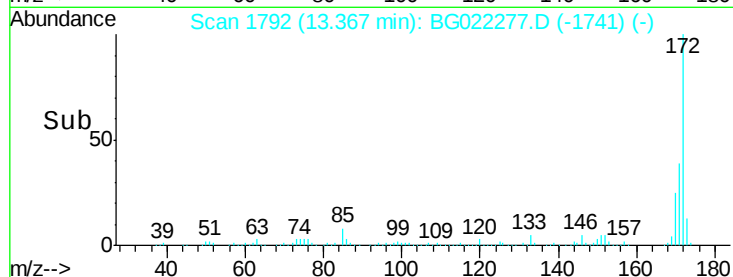
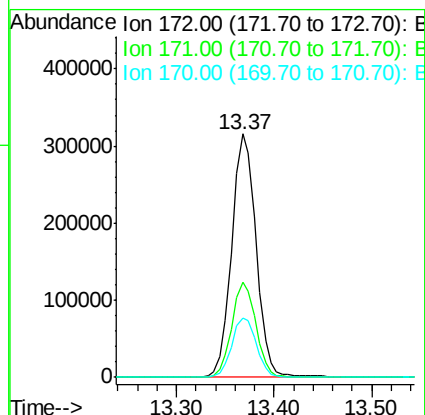
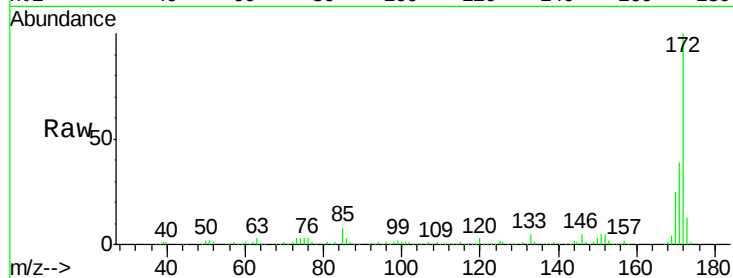




#44
2-Fluorobiphenyl
Concen: 81.54 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022277.D
Acq: 10 Jun 2016 3:11

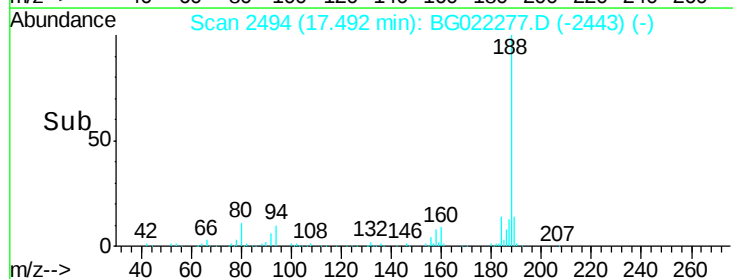
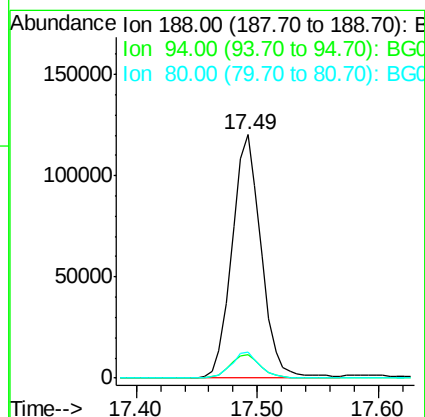
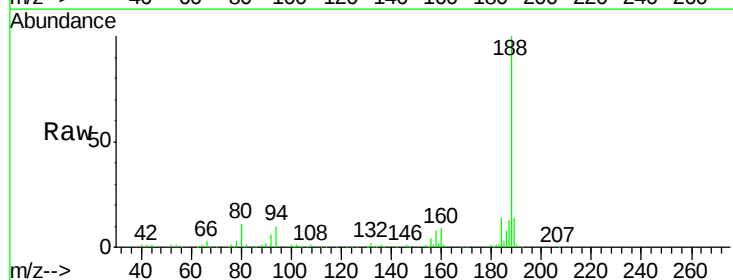
Instrument :
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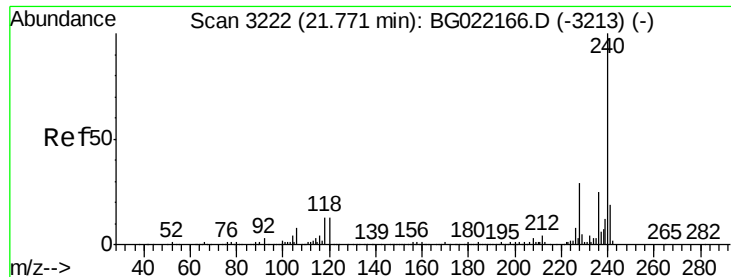
Tgt Ion:172 Resp: 547243
Ion Ratio Lower Upper
172 100
171 38.9 27.8 41.6
170 24.5 19.6 29.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022277.D
Acq: 10 Jun 2016 3:11

Tgt Ion:188 Resp: 202810
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.6 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

Instrument :

BNA_G

ClientSampleId :

STA-932-PLATFORM(0-4)

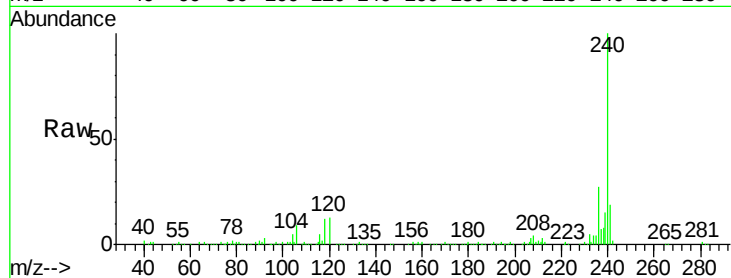
Tgt Ion:240 Resp: 170237

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

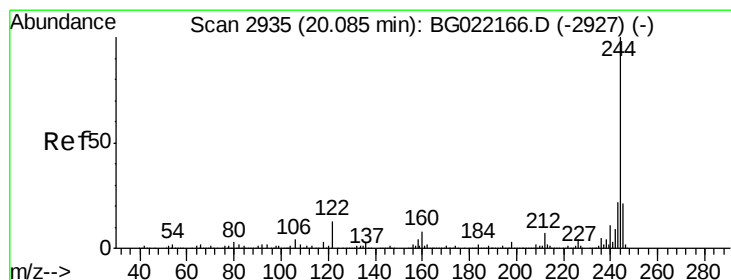
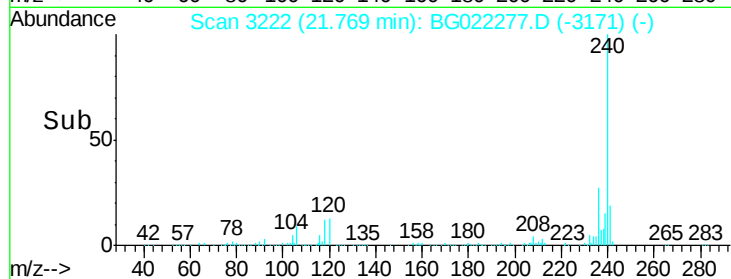
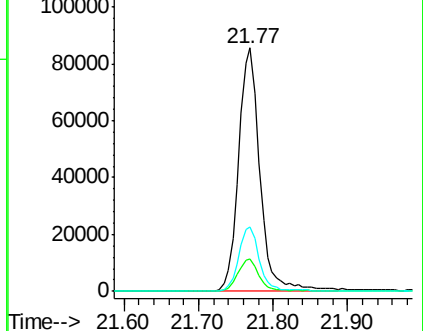
236 26.6 19.6 29.4



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: 92.12 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022277.D

Acq: 10 Jun 2016 3:11

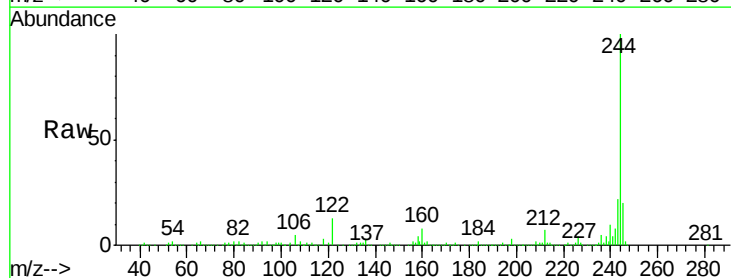
Tgt Ion:244 Resp: 660528

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

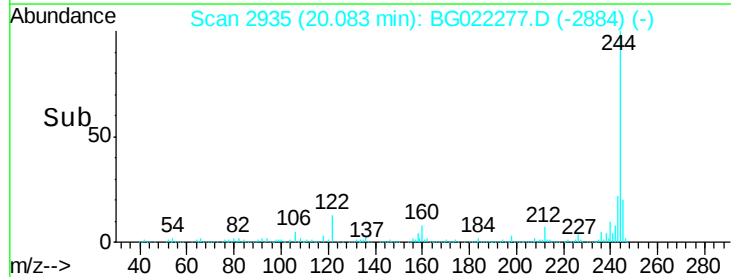
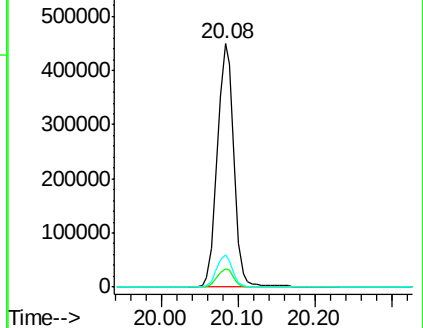
122 13.3 8.6 12.8#

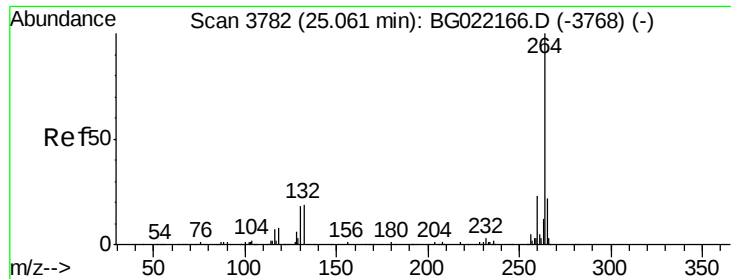


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022277.D
Acq: 10 Jun 2016 3:11

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 123297
Ion Ratio Lower Upper
264 100
260 24.4 20.2 30.4
265 20.9 17.8 26.8

