

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022278.D
 Acq On : 10 Jun 2016 3:51
 Operator : UM/SJ
 Sample : H3396-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-938-PLATFORM(0-4)

Quant Time: Jun 10 08:01:41 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	36890	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	181606	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	101479	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	202202	20.00	ng	0.00
75) Chrysene-d12	21.77	240	171526	20.00	ng	0.00
86) Perylene-d12	25.06	264	149823m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	267483	140.19	ng	0.00
7) Phenol-d6	7.28	99	372044	124.02	ng	0.00
23) Nitrobenzene-d5	9.29	82	231642	88.93	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	138869	121.11	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	622339	93.46	ng	0.00
78) Terphenyl-d14	20.08	244	724286	100.25	ng	0.00

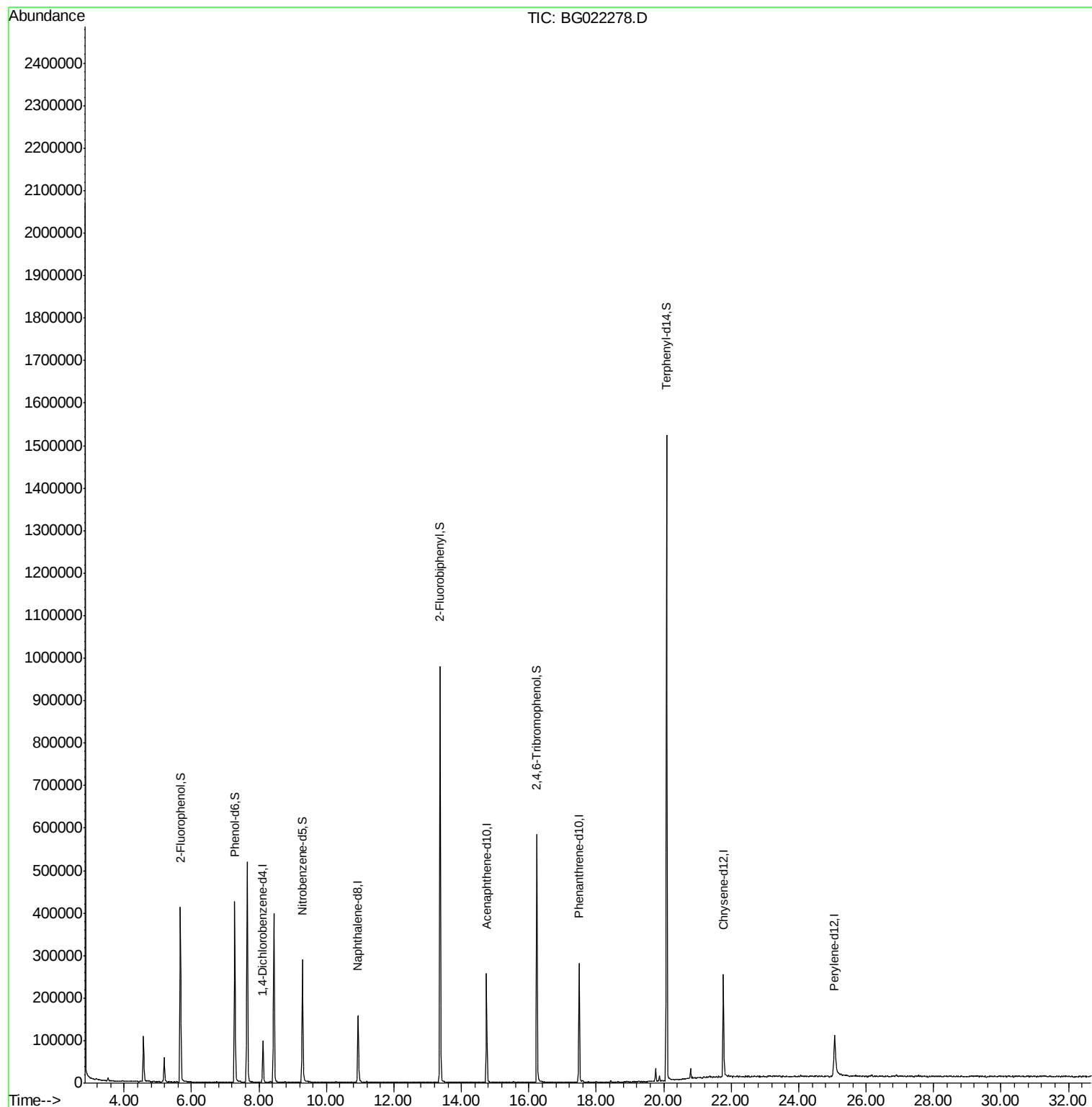
Target Compounds Qvalue

(#) = 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: BG022278.D

Acq: 10 Jun 2016 3:51

Instrument :

BNA_G

ClientSampleId :

STA-938-PLATFORM(0-4)

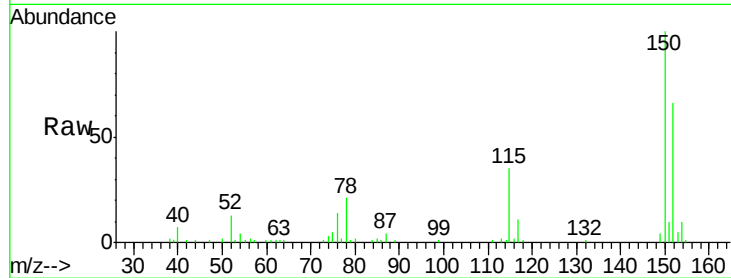
Tot Ion:152 Resp: 36890

Ion Ratio Lower Upper

152 100

150 150.9 130.1 195.1

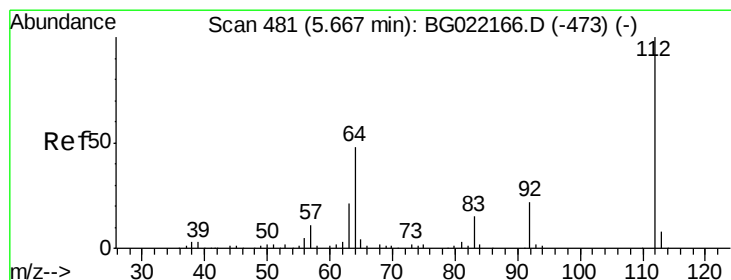
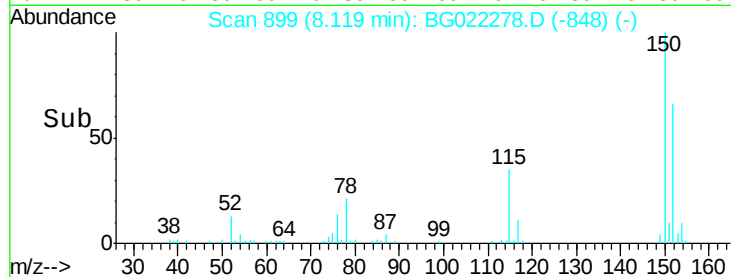
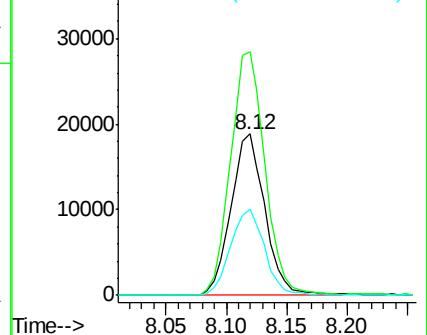
115 53.3 62.2 93.2#



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: 140.19 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

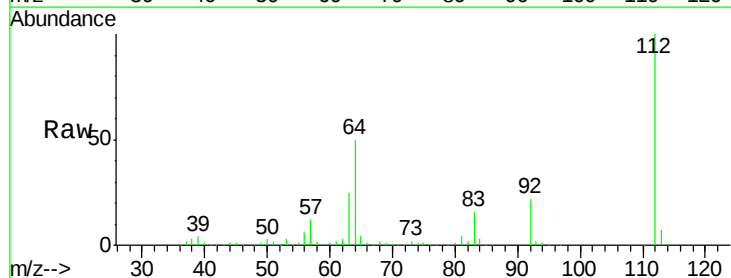
Tgt Ion:112 Resp: 267483

Ion Ratio Lower Upper

112 100

64 50.0 51.1 76.7#

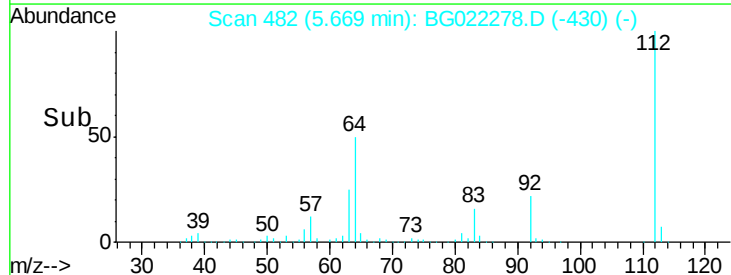
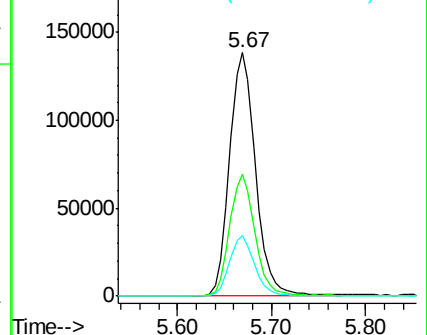
63 24.8 24.6 37.0



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: 124.02 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

Instrument :

BNA_G

ClientSampleId :

STA-938-PLATFORM(0-4)

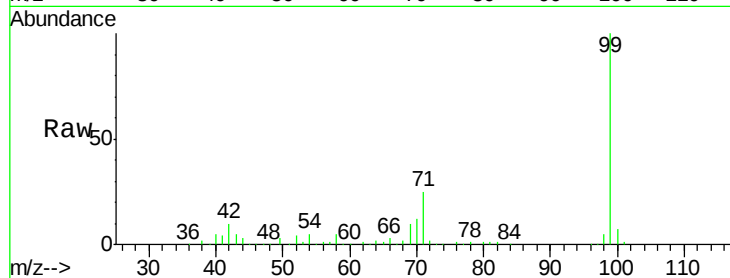
Tot Ion: 99 Resp: 372044

Ion Ratio Lower Upper

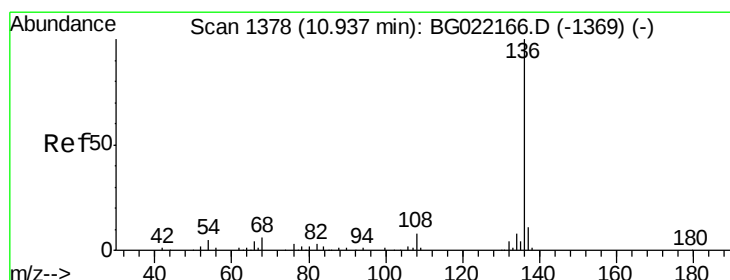
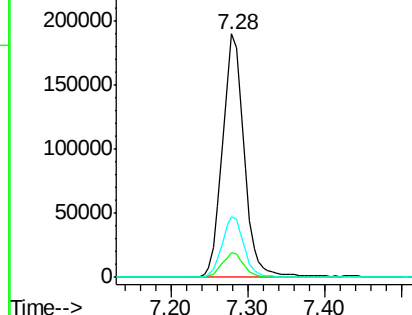
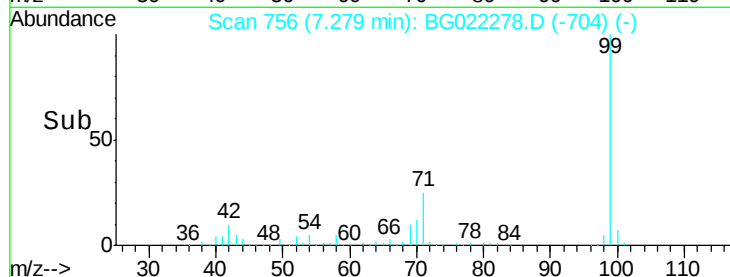
99 100

42 10.2 16.4 24.6#

71 24.8 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# 1379

Delta R.T. 0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

Tgt Ion: 136 Resp: 181606

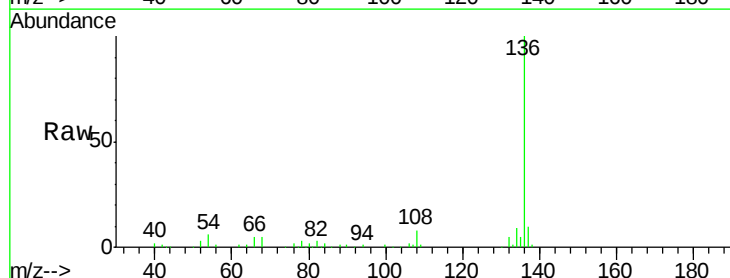
Ion Ratio Lower Upper

136 100

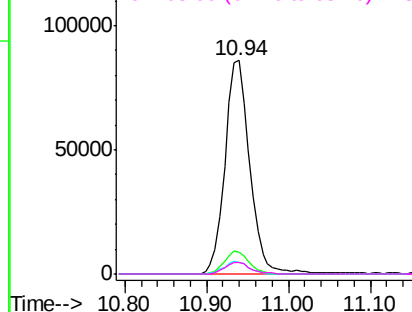
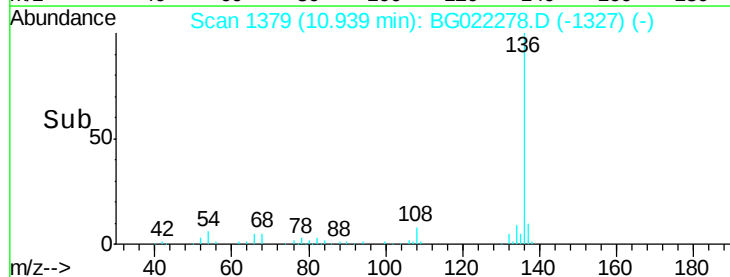
137 10.1 9.0 13.4

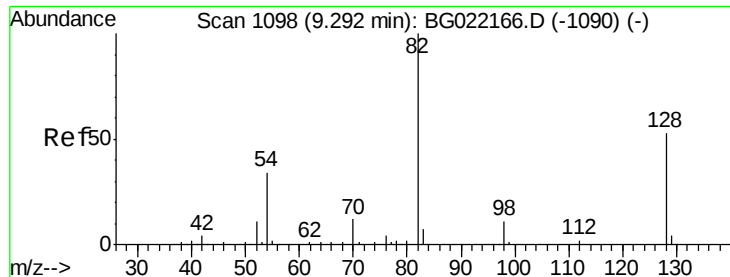
54 5.6 9.6 14.4#

68 5.5 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: 88.93 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

Instrument :

BNA_G

ClientSampleId :

STA-938-PLATFORM(0-4)

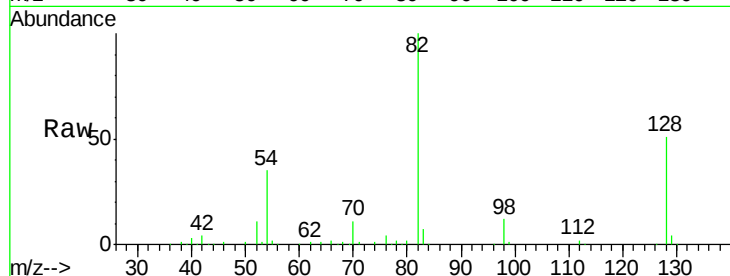
Tot Ion: 82 Resp: 231642

Ion Ratio Lower Upper

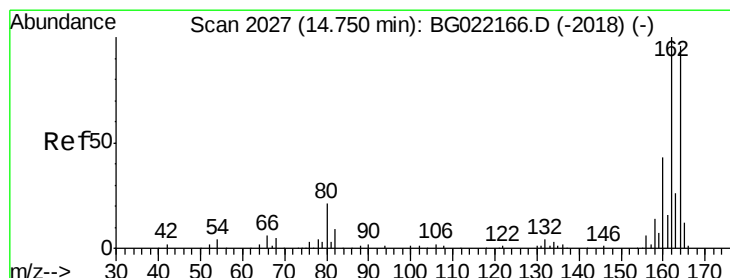
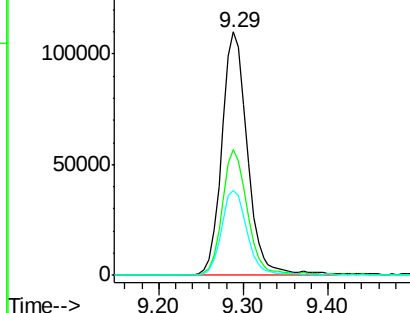
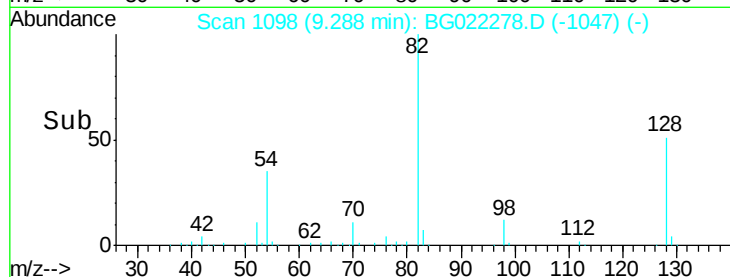
82 100

128 51.5 33.4 50.0#

54 35.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

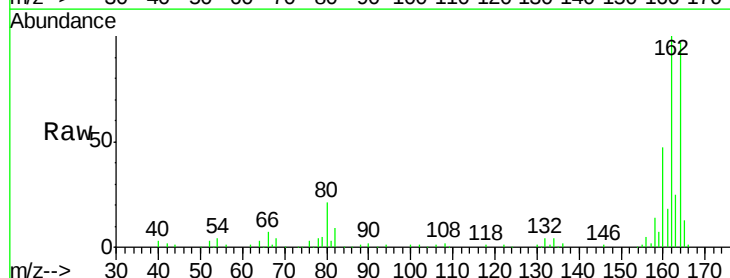
Tgt Ion:164 Resp: 101479

Ion Ratio Lower Upper

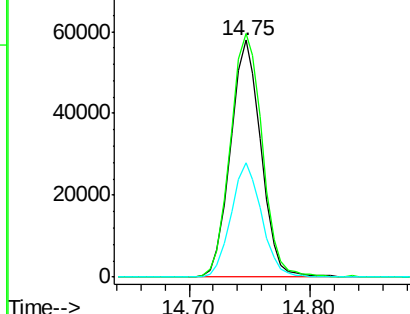
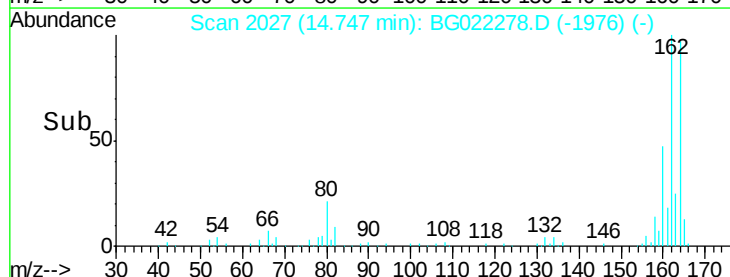
164 100

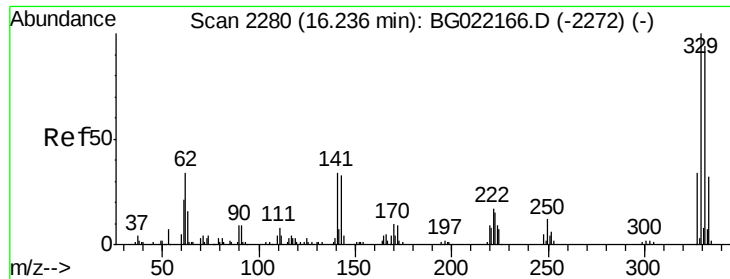
162 102.8 78.0 117.0

160 48.1 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

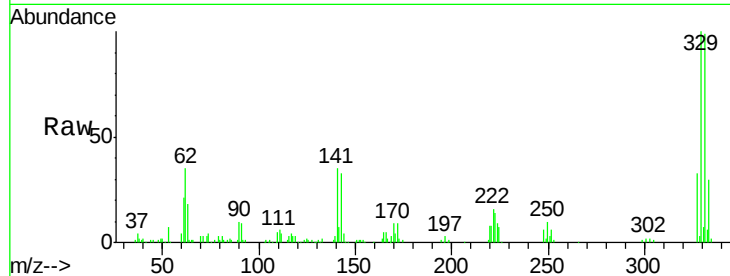




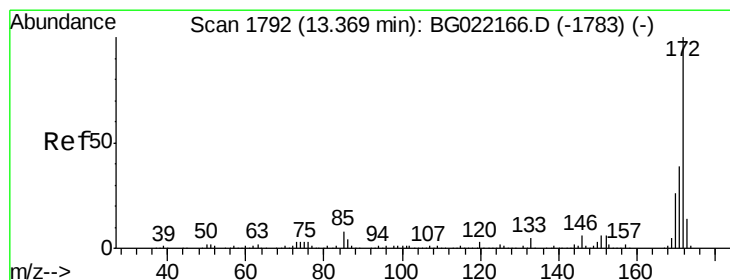
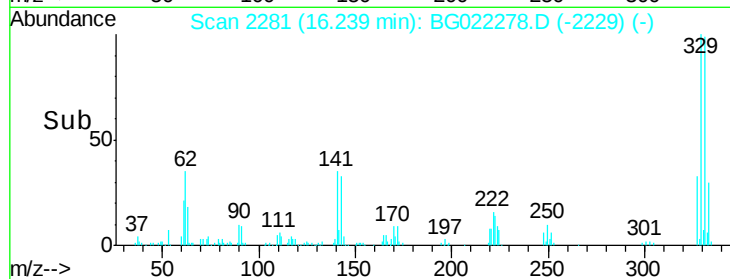
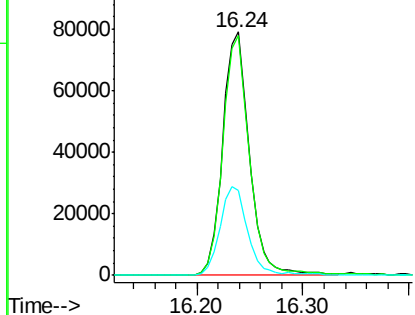
#41
 2,4,6-Tribromophenol
 Concen: 121.11 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BG022278.D
 Acq: 10 Jun 2016 3:51

Instrument :
 BNA_G
 ClientSampleId :
 STA-938-PLATFORM(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.0	117.0
141	37.5	33.8	50.8

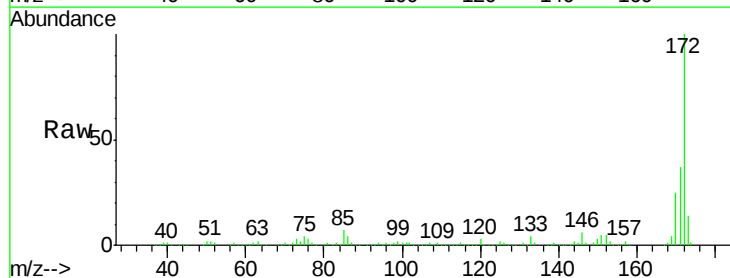


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

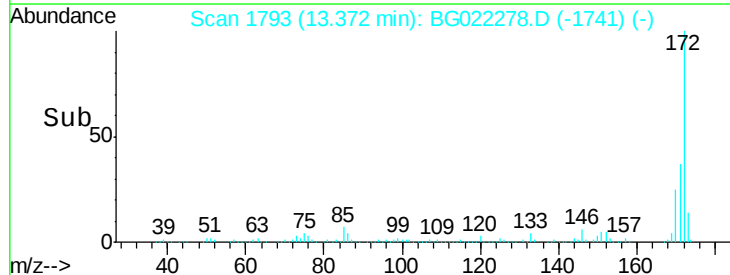
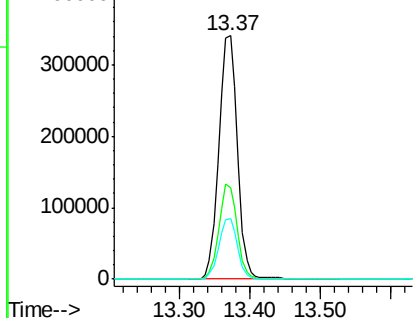


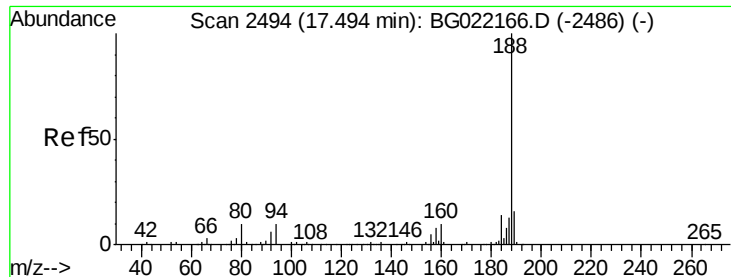
#44
 2-Fluorobiphenyl
 Concen: 93.46 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022278.D
 Acq: 10 Jun 2016 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	27.8	41.6
170	25.0	19.6	29.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

Instrument :

BNA_G

ClientSampleId :

STA-938-PLATFORM(0-4)

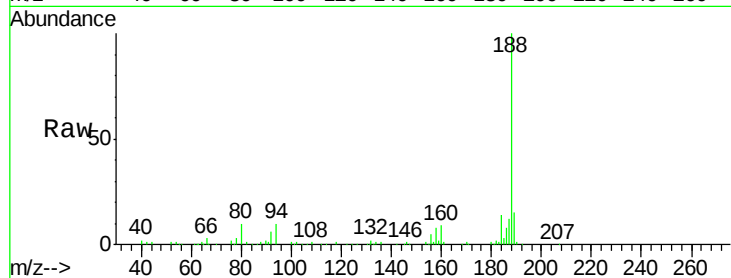
Tot Ion:188 Resp: 202202

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

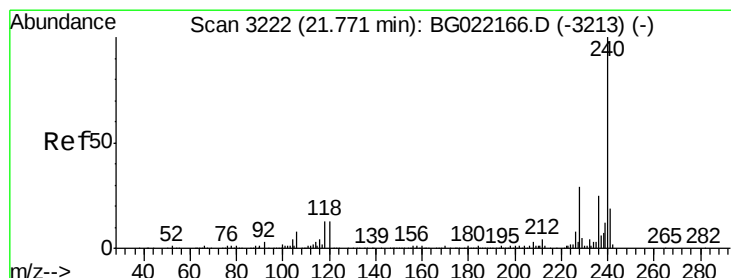
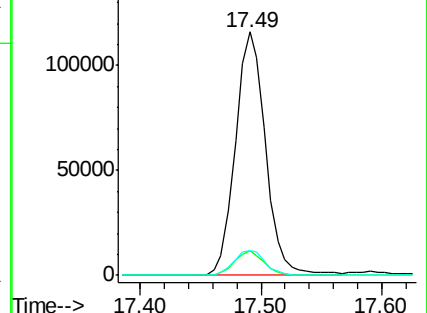
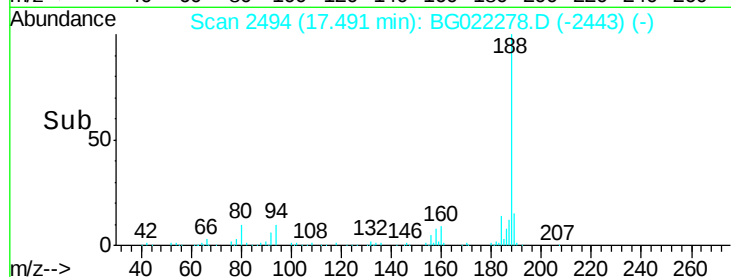
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

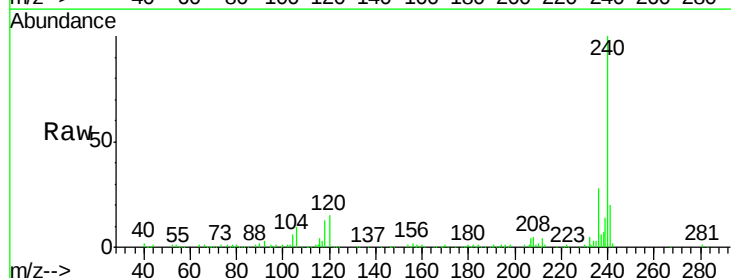
Tgt Ion:240 Resp: 171526

Ion Ratio Lower Upper

240 100

120 14.9 8.4 12.6#

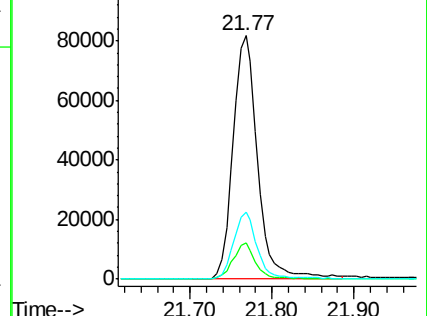
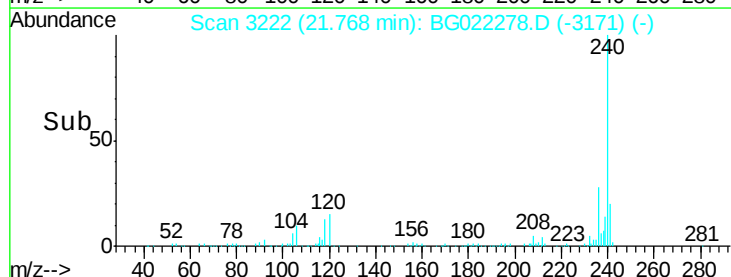
236 27.7 19.6 29.4



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: 100.25 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

Instrument :

BNA_G

ClientSampleId :

STA-938-PLATFORM(0-4)

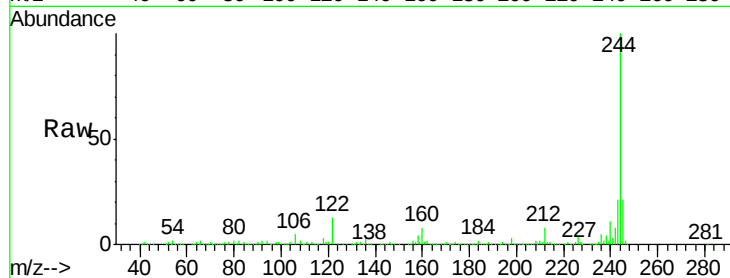
Tot Ion:244 Resp: 724286

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

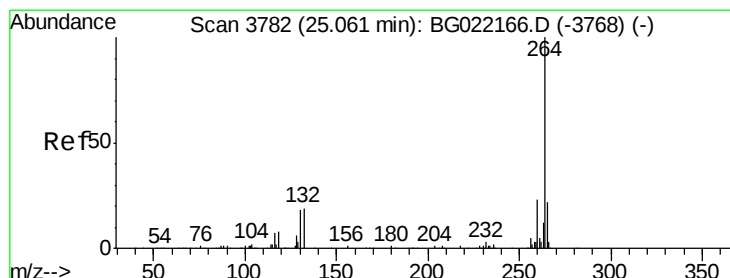
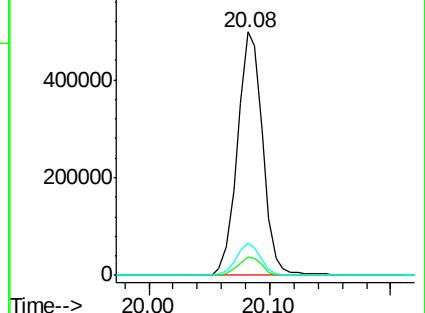
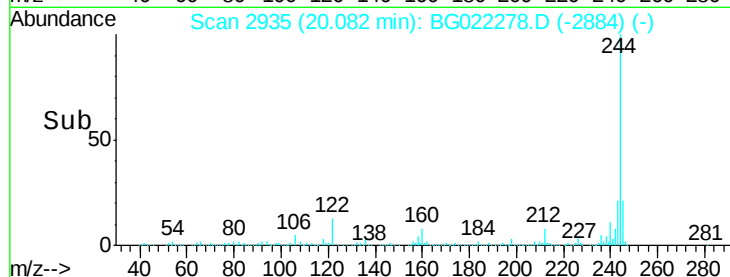
122 13.4 8.6 12.8#



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 m

RT: 25.06 min Scan# 3783

Delta R.T. 0.00 min

Lab File: BG022278.D

Acq: 10 Jun 2016 3:51

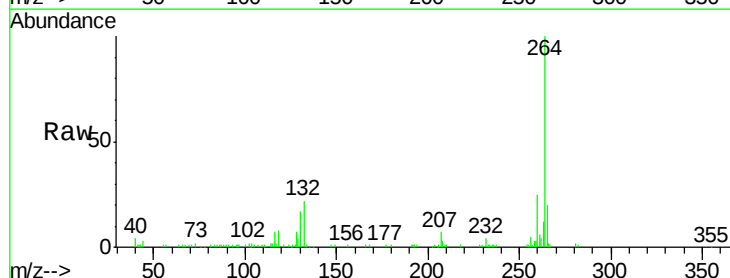
Tgt Ion:264 Resp: 149823

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.4

265 20.4 17.8 26.8



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

