

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022283.D
 Acq On : 10 Jun 2016 7:11
 Operator : UM/SJ
 Sample : H3396-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-975-PLATFORM(0-4)

Quant Time: Jun 10 08:04:28 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	34517	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	173752	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	98952	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	196650	20.00	ng	0.00
75) Chrysene-d12	21.77	240	175013	20.00	ng	0.00
86) Perylene-d12	25.06	264	146568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	269201	150.79	ng	0.00
7) Phenol-d6	7.28	99	373461	133.05	ng	0.00
23) Nitrobenzene-d5	9.29	82	238499	95.70	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	146585	131.10	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	642422	98.94	ng	0.00
78) Terphenyl-d14	20.08	244	792899	107.56	ng	0.00

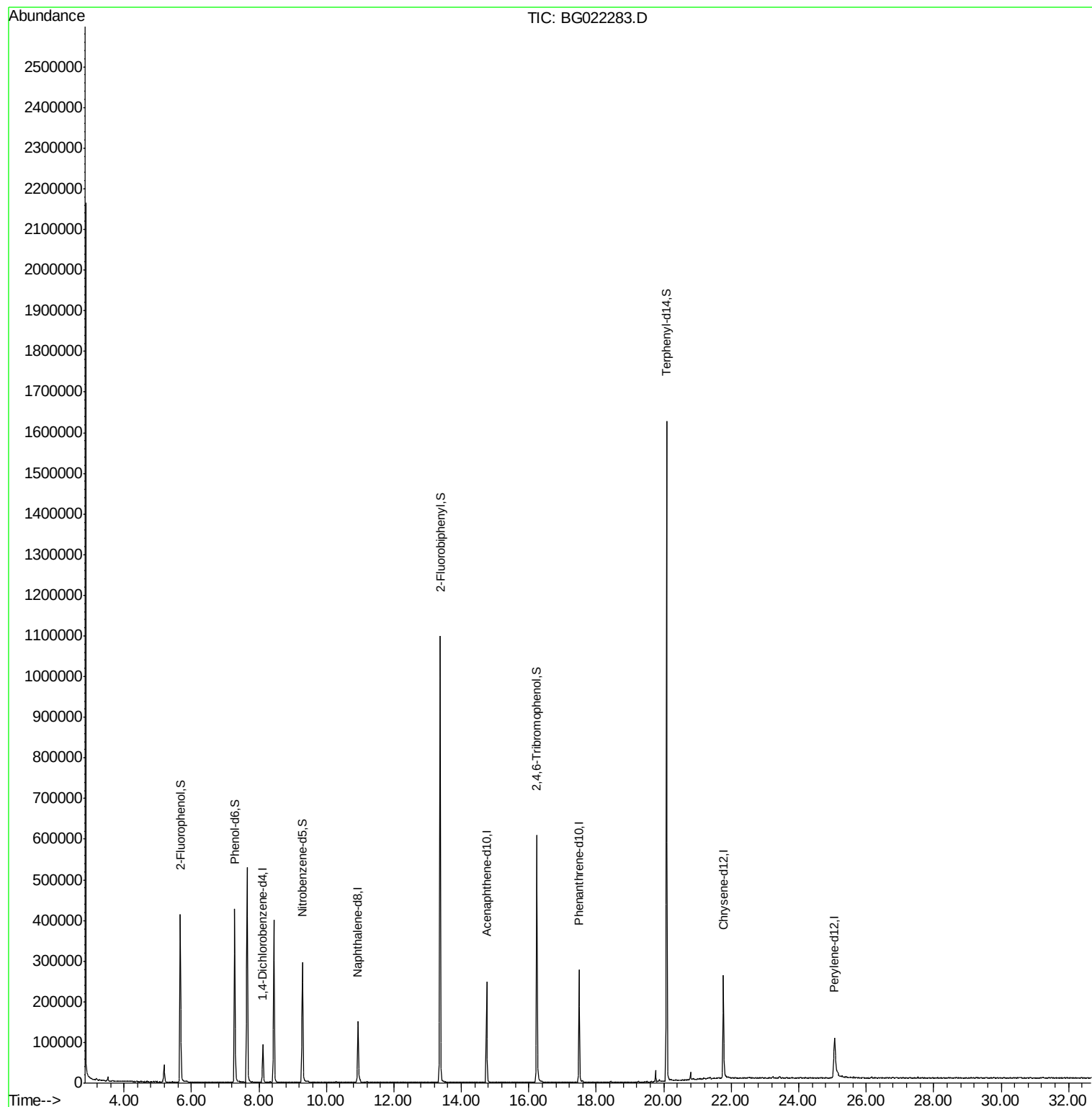
Target Compounds	Qvalue
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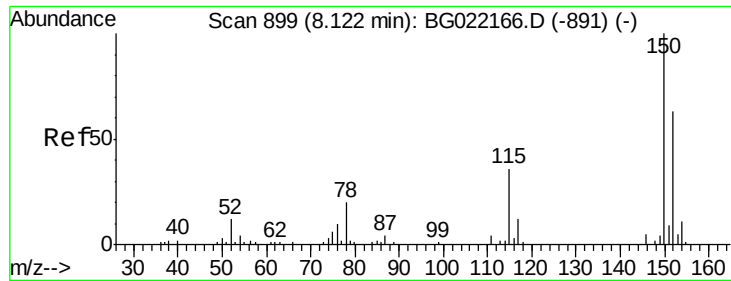
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

Instrument :

BNA_G

ClientSampleId :

STA-975-PLATFORM(0-4)

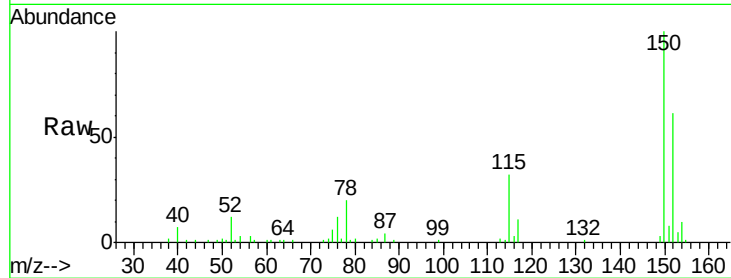
Tgt Ion:152 Resp: 34517

Ion Ratio Lower Upper

152 100

150 164.9 130.1 195.1

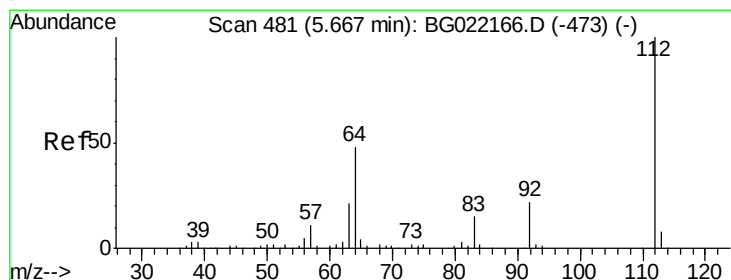
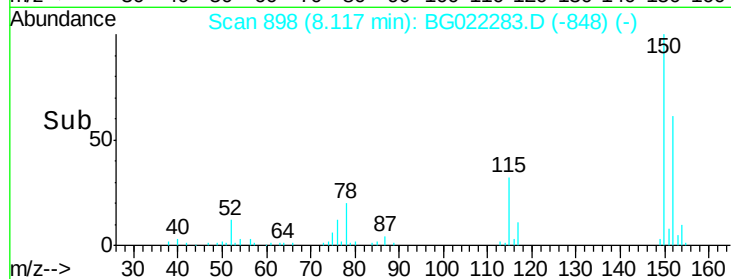
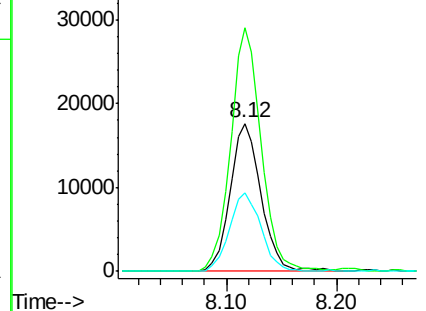
115 53.5 62.2 93.2#



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: 150.79 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

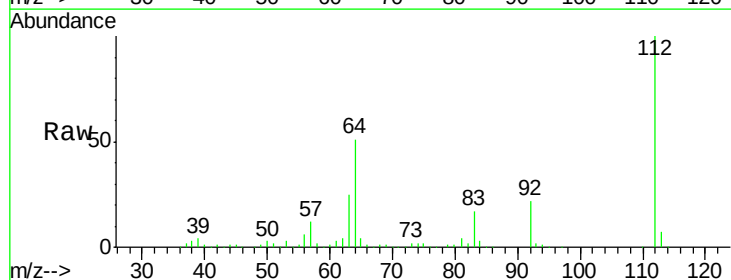
Tgt Ion:112 Resp: 269201

Ion Ratio Lower Upper

112 100

64 50.8 51.1 76.7#

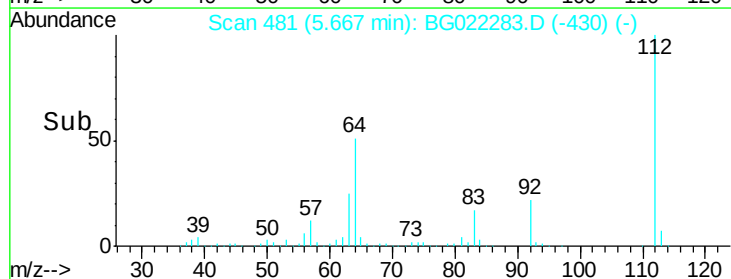
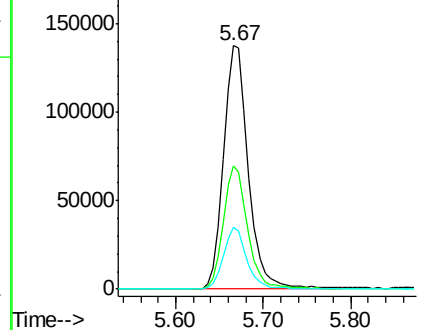
63 25.2 24.6 37.0

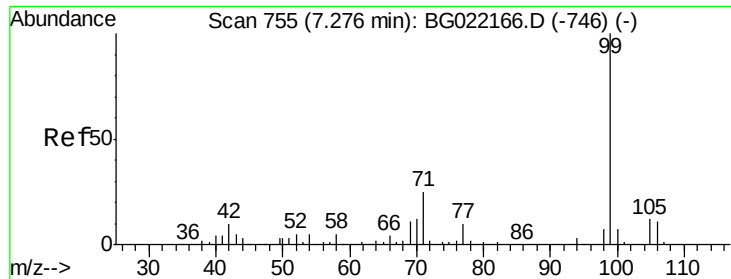


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.05 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

Instrument :

BNA_G

ClientSampleId :

STA-975-PLATFORM(0-4)

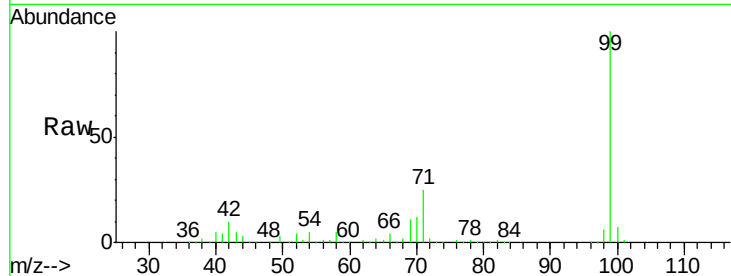
Tgt Ion: 99 Resp: 373461

Ion Ratio Lower Upper

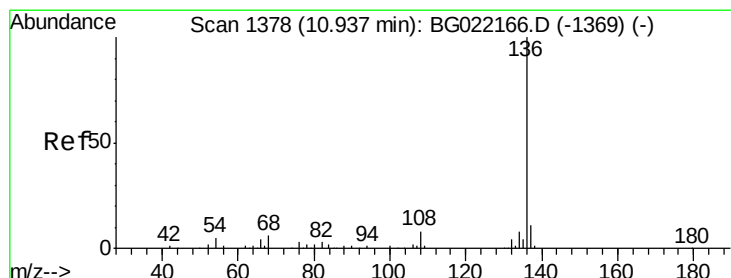
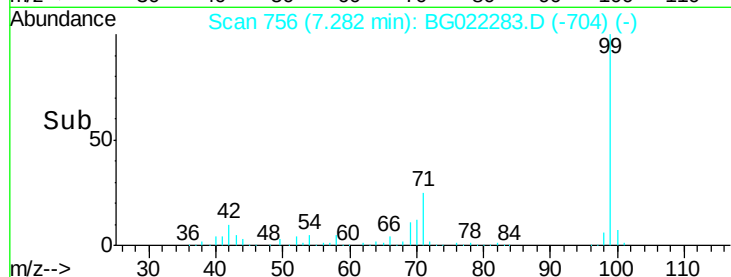
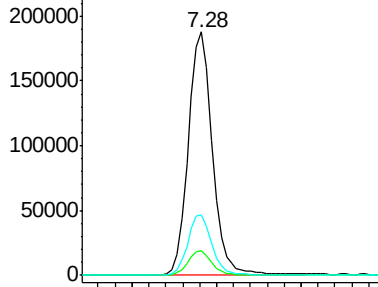
99 100

42 10.0 16.4 24.6#

71 24.7 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: BG022283.D

Acq: 10 Jun 2016 7:11

Tgt Ion: 136 Resp: 173752

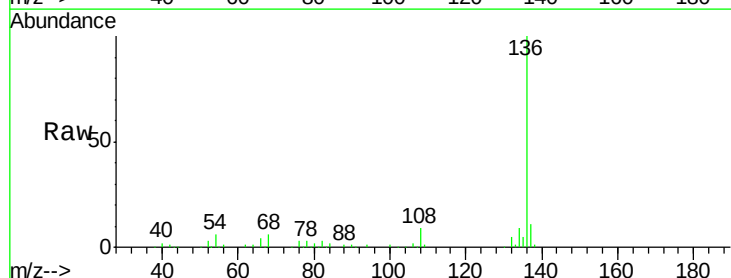
Ion Ratio Lower Upper

136 100

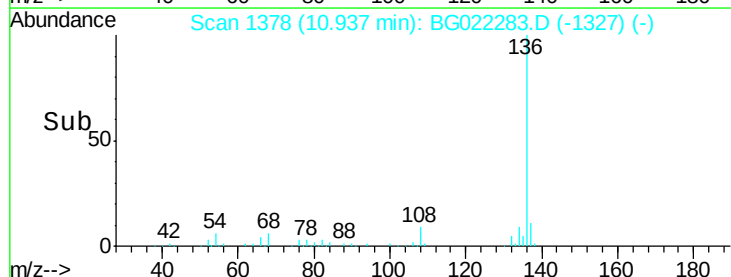
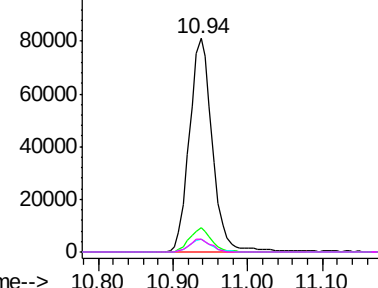
137 11.4 9.0 13.4

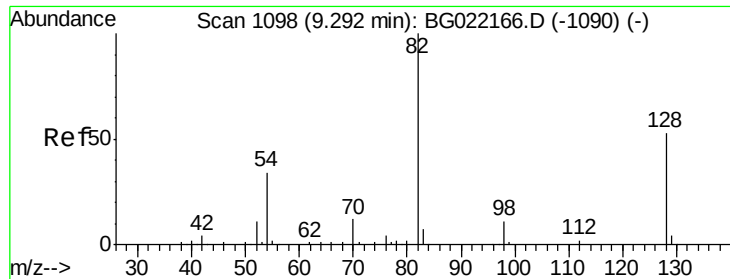
54 5.7 9.6 14.4#

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: 95.70 ng

RT: 9.29 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

Instrument :

BNA_G

ClientSampleId :

STA-975-PLATFORM(0-4)

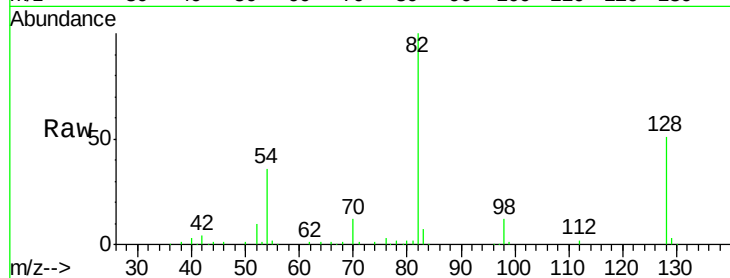
Tgt Ion: 82 Resp: 238499

Ion Ratio Lower Upper

82 100

128 51.2 33.4 50.0#

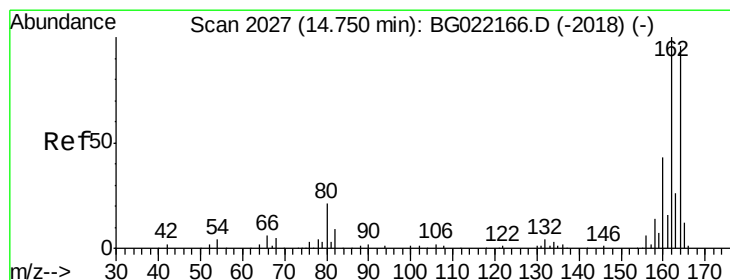
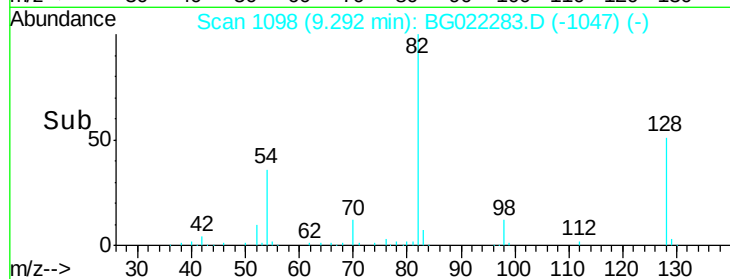
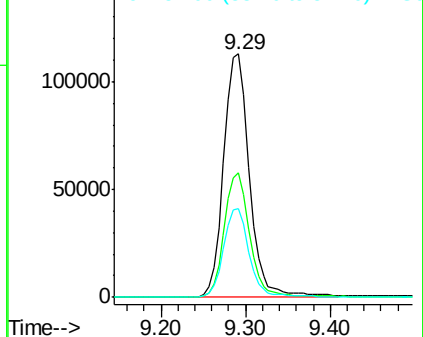
54 36.3 46.1 69.1#



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: 14.74 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

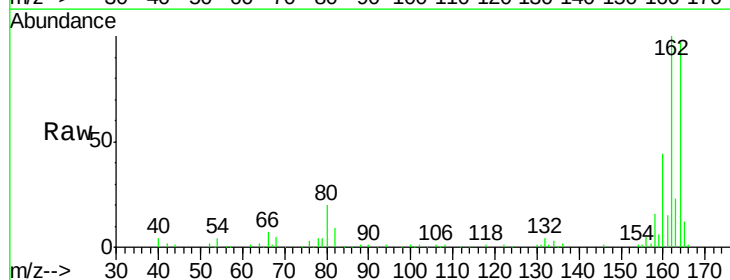
Tgt Ion: 164 Resp: 98952

Ion Ratio Lower Upper

164 100

162 103.5 78.0 117.0

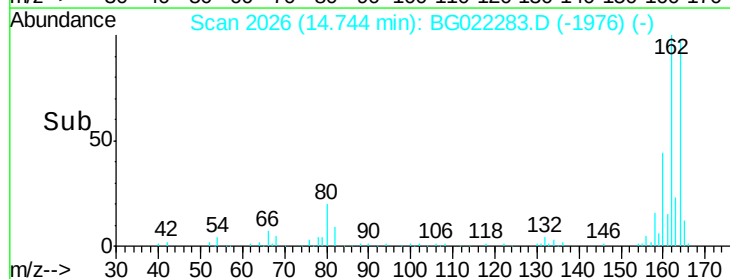
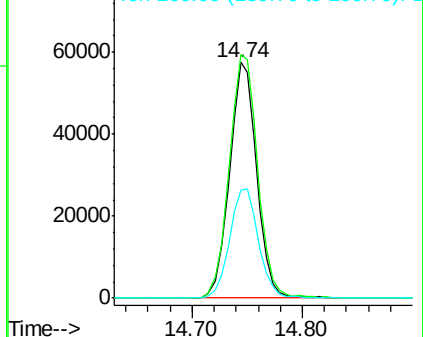
160 45.9 32.9 49.3

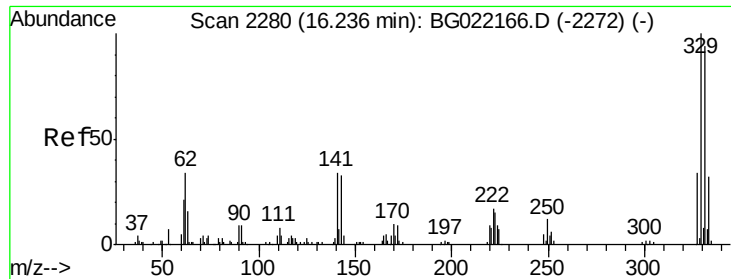


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

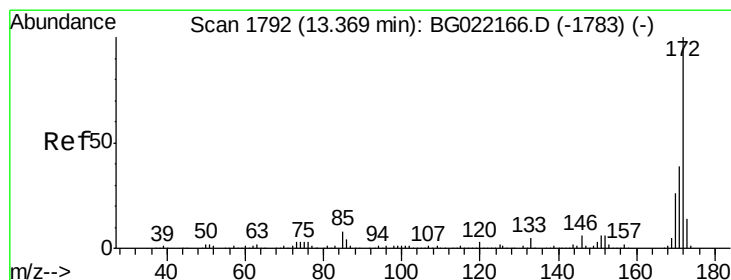
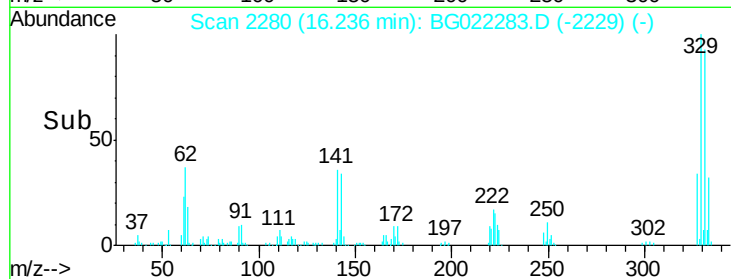
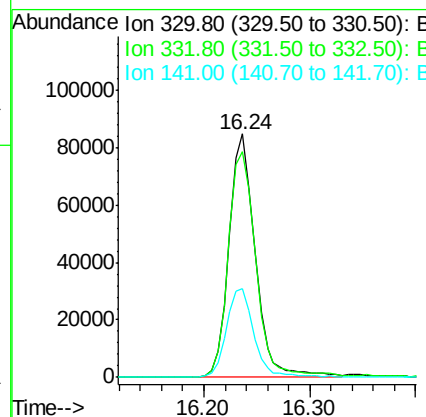
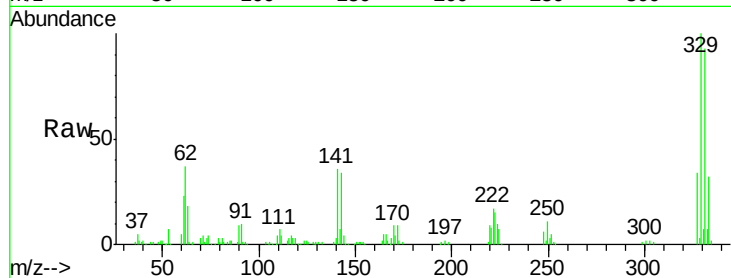




#41
 2,4,6-Tribromophenol
 Concen: 131.10 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022283.D
 Acq: 10 Jun 2016 7:11

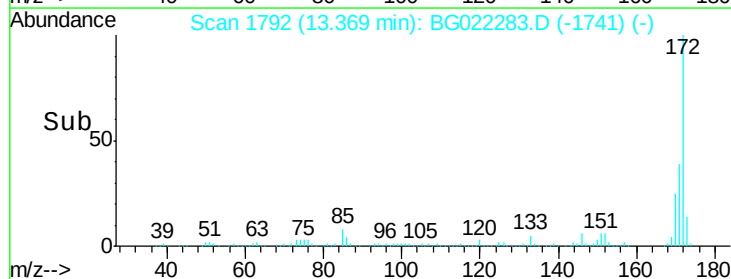
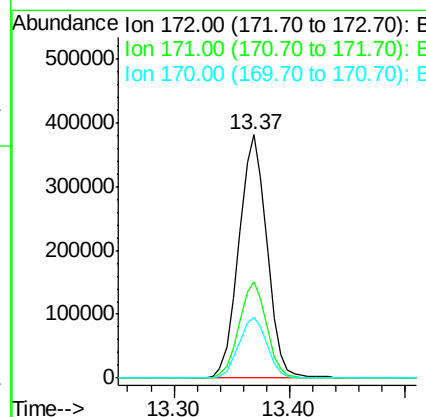
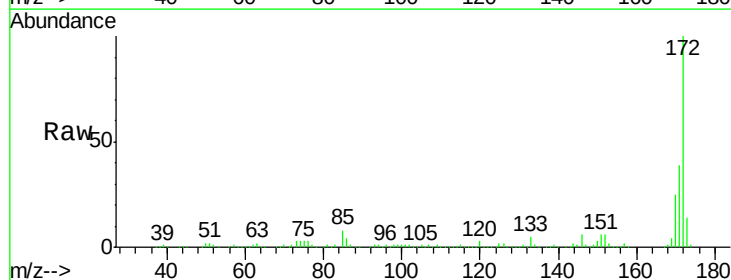
Instrument :
 BNA_G
 ClientSampleId :
 STA-975-PLATFORM(0-4)

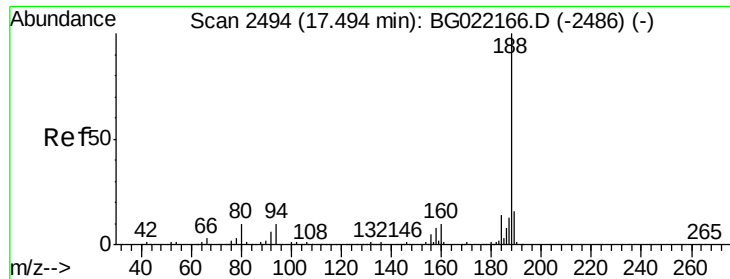
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	38.3	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 98.94 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022283.D
 Acq: 10 Jun 2016 7:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	25.1	19.6	29.4

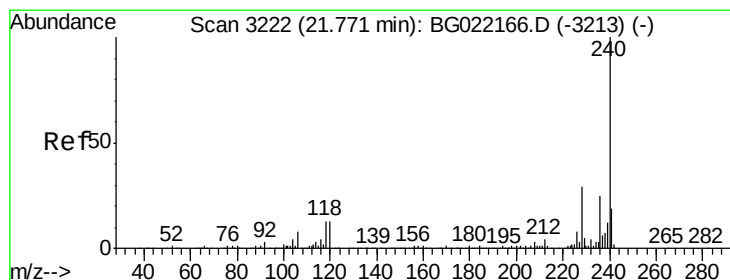
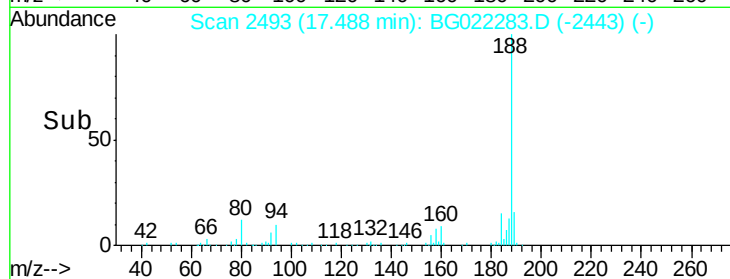
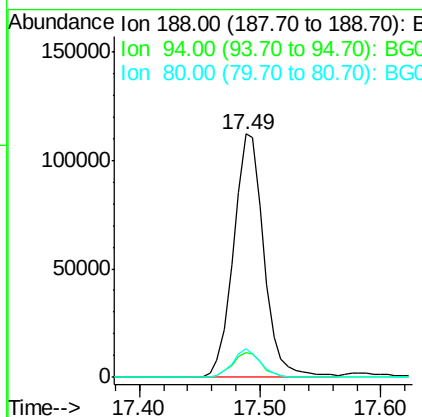
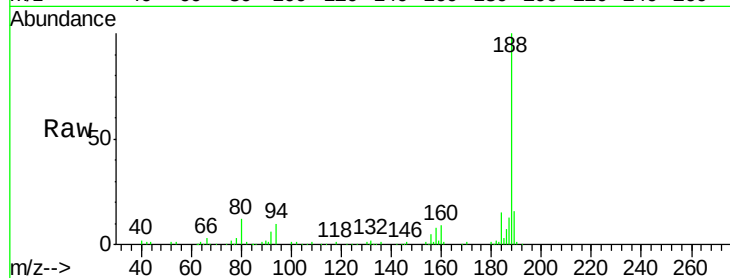




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022283.D
Acq: 10 Jun 2016 7:11

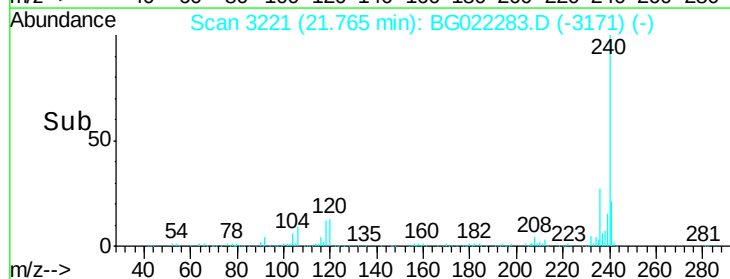
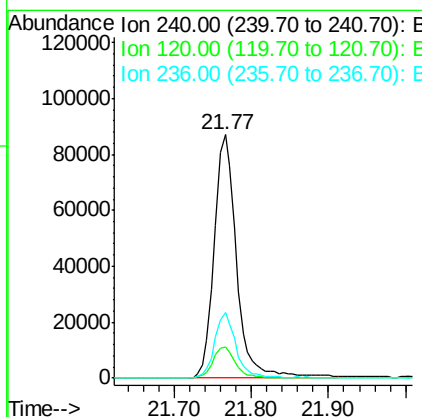
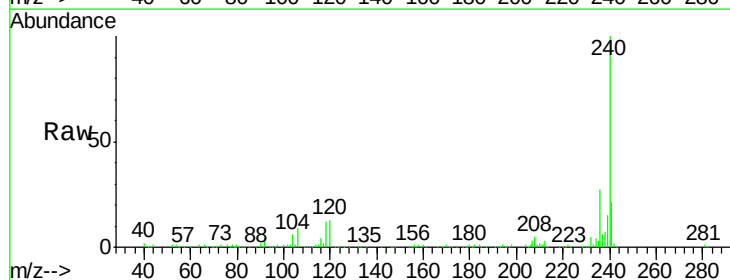
Instrument :
BNA_G
ClientSampleId :
STA-975-PLATFORM(0-4)

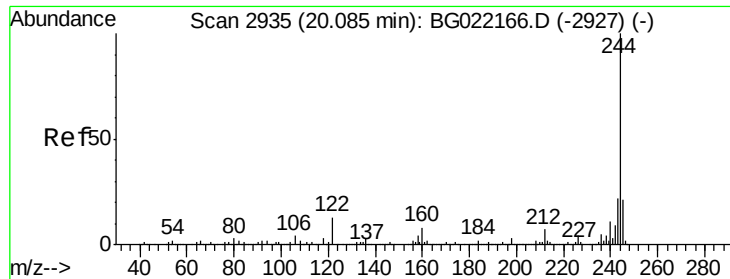
Tgt Ion:188 Resp: 196650
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 11.8 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022283.D
Acq: 10 Jun 2016 7:11

Tgt Ion:240 Resp: 175013
Ion Ratio Lower Upper
240 100
120 12.9 8.4 12.6#
236 27.2 19.6 29.4





#78

Terphenyl-d14

Concen: 107.56 ng

RT: 20.08 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

Instrument :

BNA_G

ClientSampleId :

STA-975-PLATFORM(0-4)

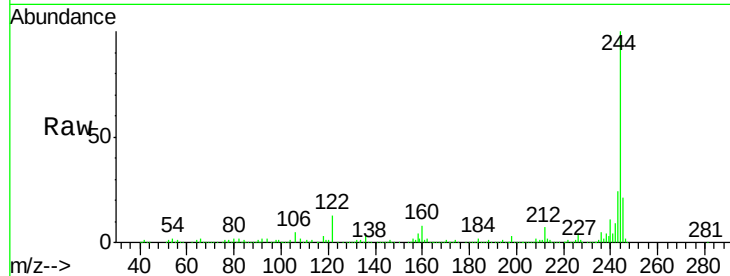
Tgt Ion:244 Resp: 792899

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

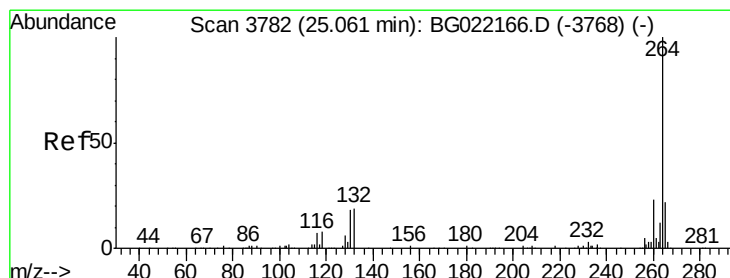
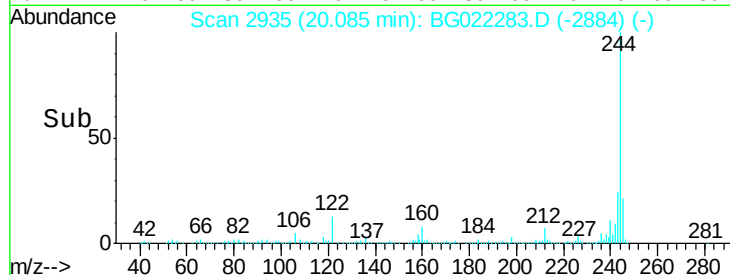
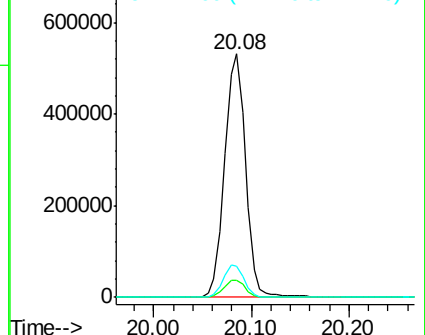
122 12.8 8.6 12.8



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: 25.06 min Scan# 3782

Delta R.T. 0.00 min

Lab File: BG022283.D

Acq: 10 Jun 2016 7:11

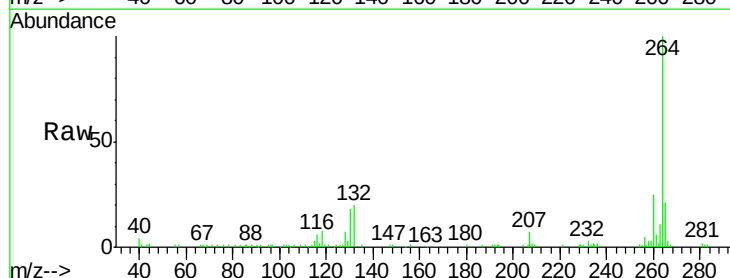
Tgt Ion:264 Resp: 146568

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 20.7 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

