

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060916\
 Data File : BG022285.D
 Acq On : 10 Jun 2016 8:31
 Operator : UM/SJ
 Sample : H3396-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-990-PLATFORM(0-4)

Quant Time: Jun 10 11:48:58 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

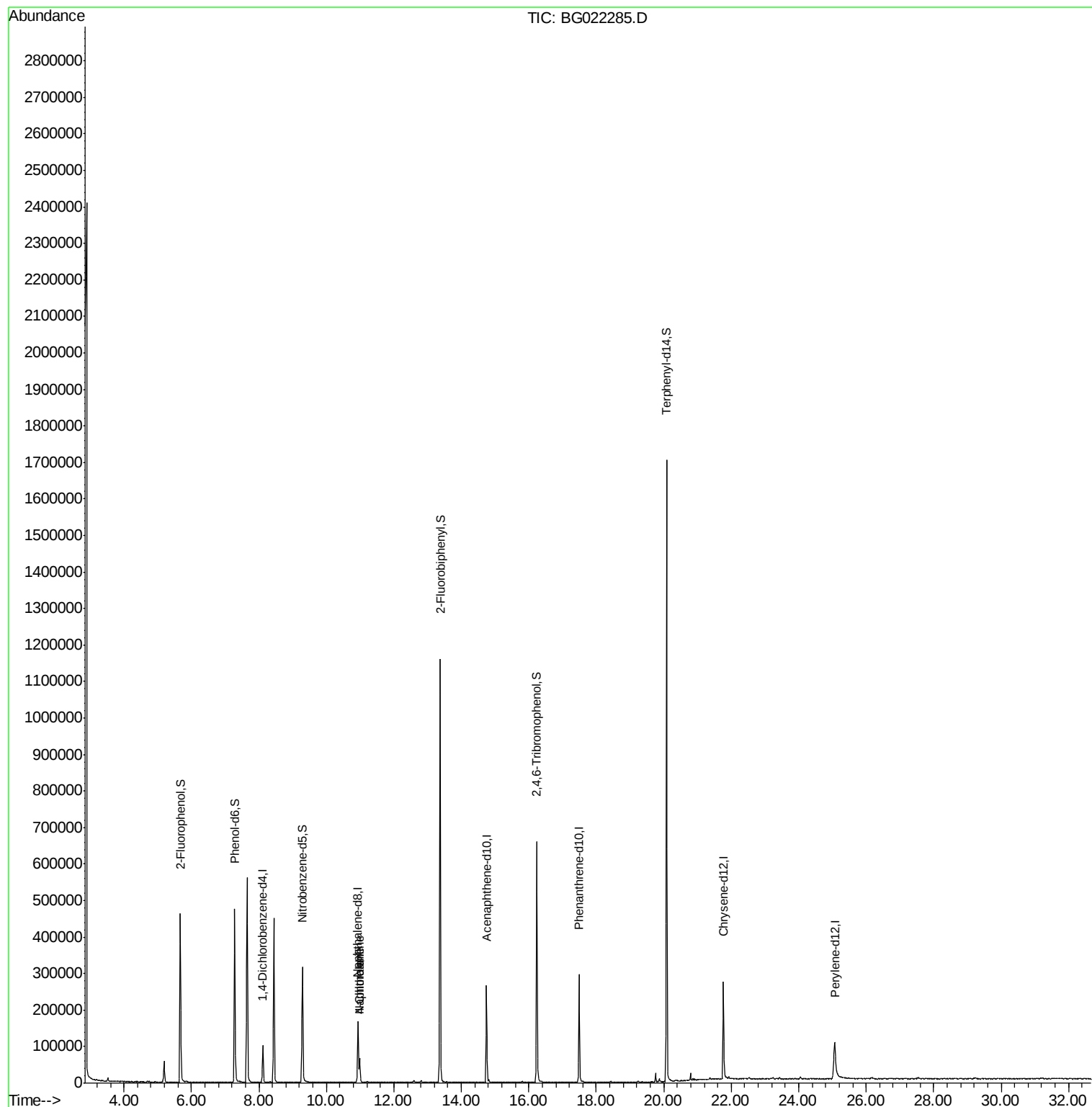
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	37034	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	188010	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	105377	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	207309	20.00	ng	0.00
75) Chrysene-d12	21.77	240	181850	20.00	ng	0.00
86) Perylene-d12	25.06	264	155606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	291273	152.07	ng	0.00
7) Phenol-d6	7.28	99	415012	137.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	258908	96.01	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	155243	130.38	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	699254	101.13	ng	0.00
78) Terphenyl-d14	20.08	244	829704	108.32	ng	0.00
Target Compounds						
31) Naphthalene	10.98	128	68964	7.35	ng	Qvalue 97
33) 4-Chloroaniline	10.98	127	8879	2.28	ng	# 45

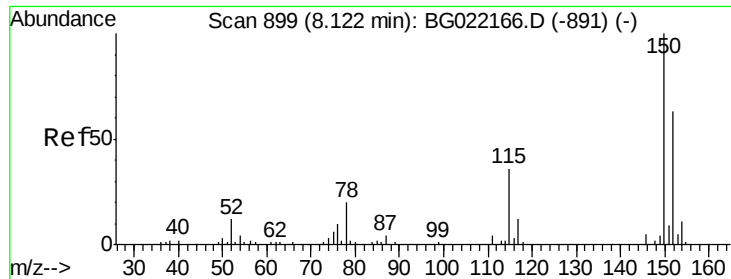
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022285.D

Acq: 10 Jun 2016 8:31

Instrument :

BNA_G

ClientSampleId :

STA-990-PLATFORM(0-4)

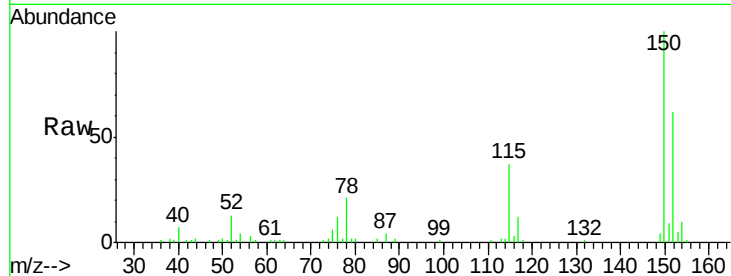
Tgt Ion:152 Resp: 37034

Ion Ratio Lower Upper

152 100

150 162.4 130.1 195.1

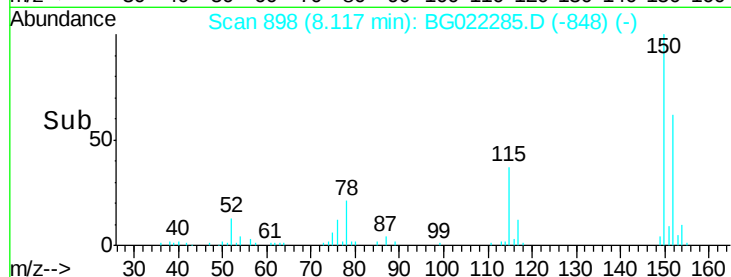
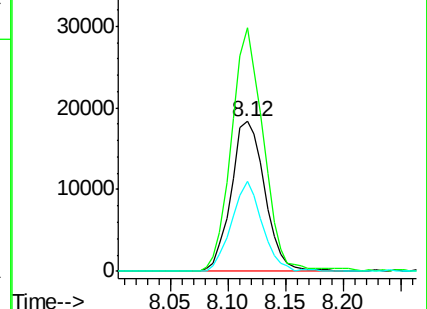
115 60.0 62.2 93.2#



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: 152.07 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022285.D

Acq: 10 Jun 2016 8:31

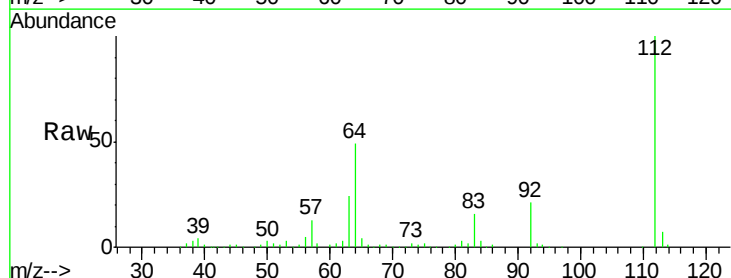
Tgt Ion:112 Resp: 291273

Ion Ratio Lower Upper

112 100

64 49.5 51.1 76.7#

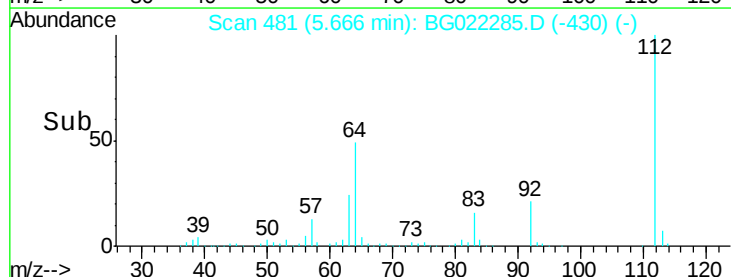
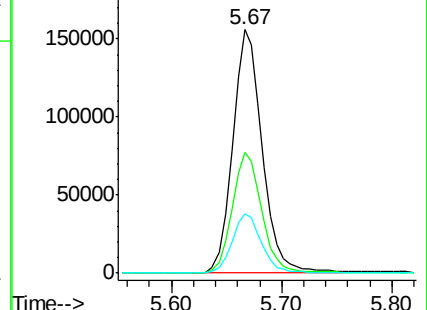
63 24.3 24.6 37.0#



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: 137.81 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG022285.D

Acq: 10 Jun 2016 8:31

Instrument :

BNA_G

ClientSampleId :

STA-990-PLATFORM(0-4)

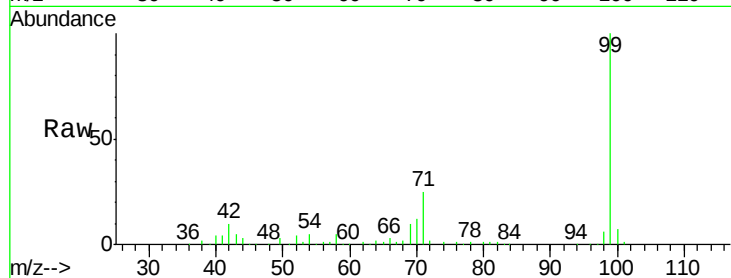
Tgt Ion: 99 Resp: 415012

Ion Ratio Lower Upper

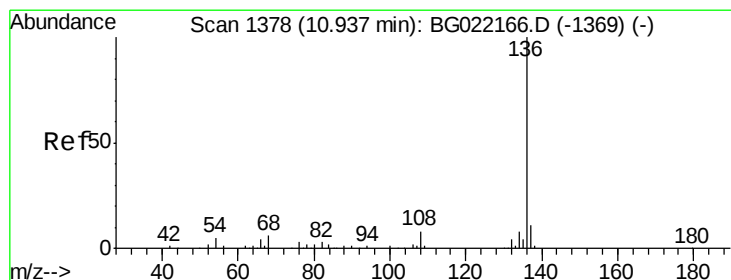
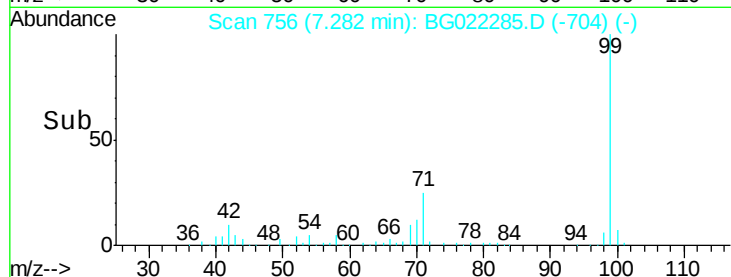
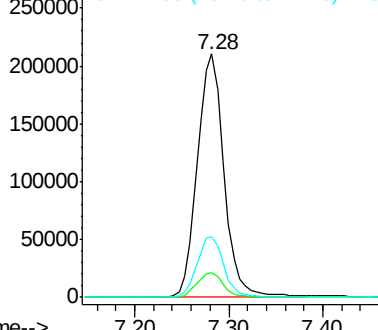
99 100

42 9.9 16.4 24.6#

71 24.9 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: BG022285.D

Acq: 10 Jun 2016 8:31

Tgt Ion: 136 Resp: 188010

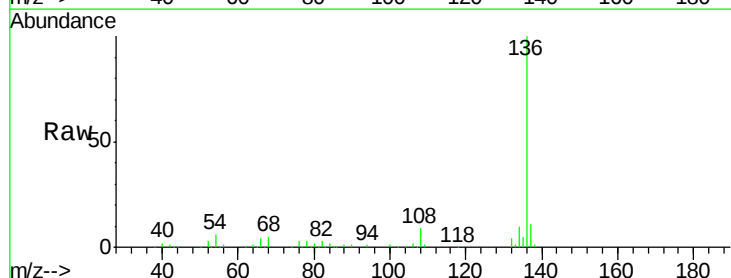
Ion Ratio Lower Upper

136 100

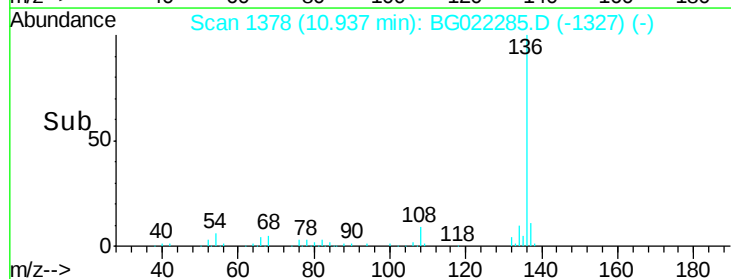
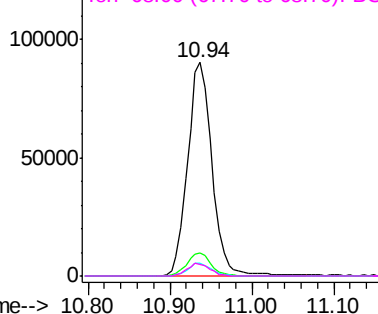
137 11.0 9.0 13.4

54 6.1 9.6 14.4#

68 5.4 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: 96.01 ng

RT: 9.29 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BG022285.D

Acq: 10 Jun 2016 8:31

Instrument :

BNA_G

ClientSampleId :

STA-990-PLATFORM(0-4)

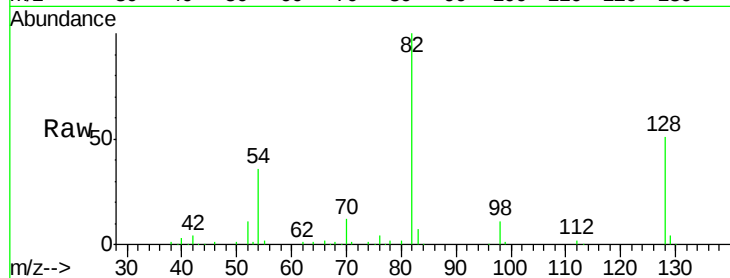
Tgt Ion: 82 Resp: 258908

Ion Ratio Lower Upper

82 100

128 50.8 33.4 50.0#

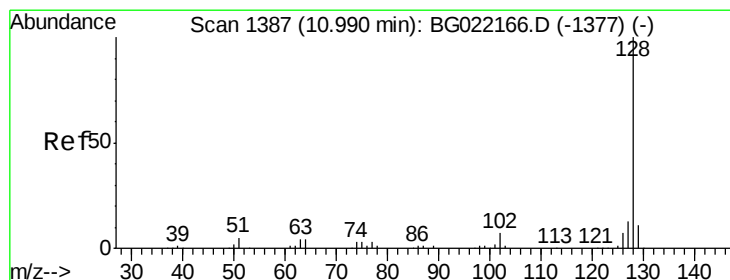
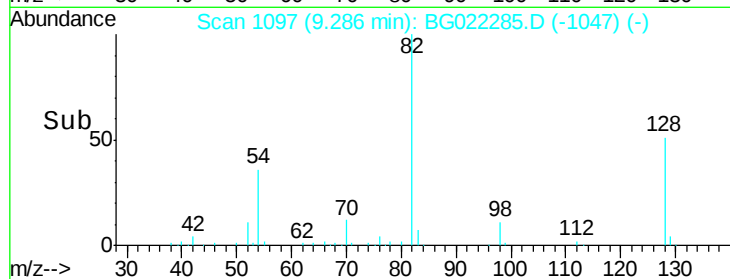
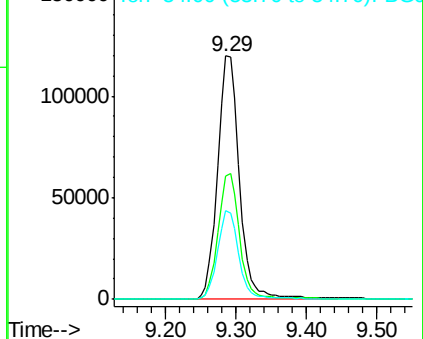
54 36.3 46.1 69.1#



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



#31

Naphthalene

Concen: 7.35 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022285.D

Acq: 10 Jun 2016 8:31

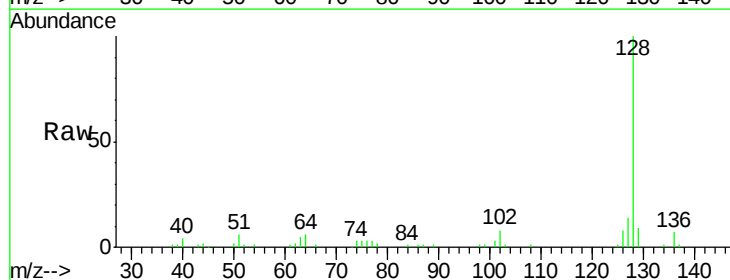
Tgt Ion: 128 Resp: 68964

Ion Ratio Lower Upper

128 100

129 9.3 7.0 10.6

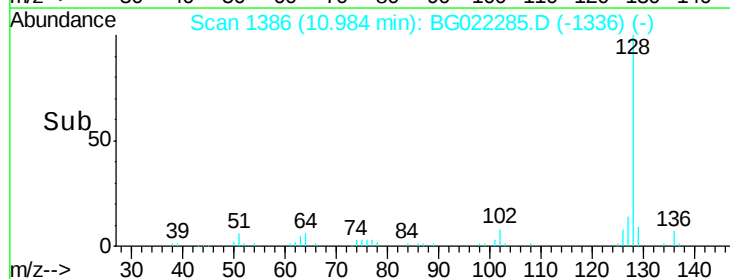
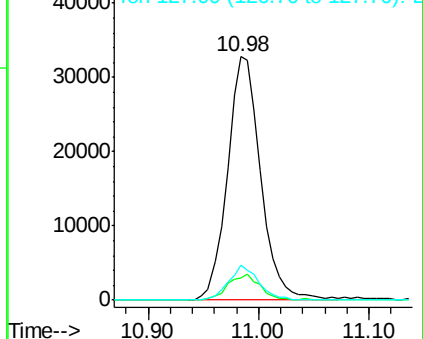
127 14.2 10.1 15.1

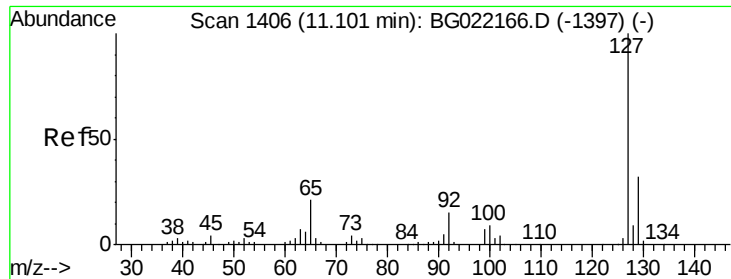


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

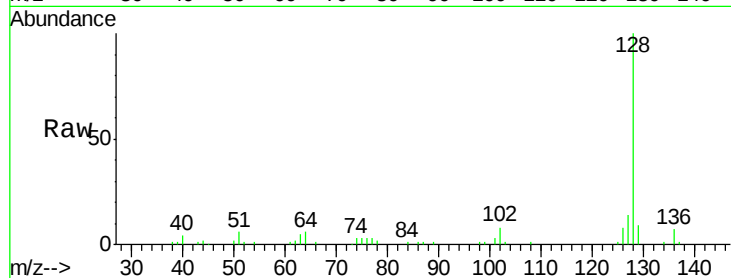




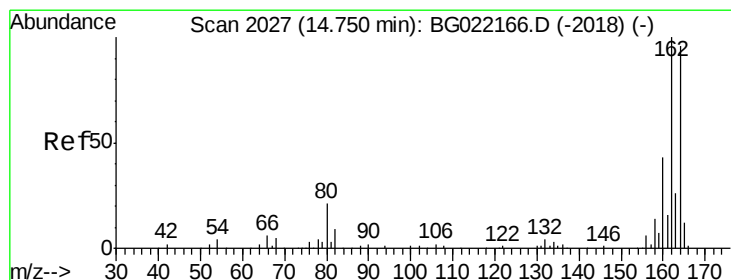
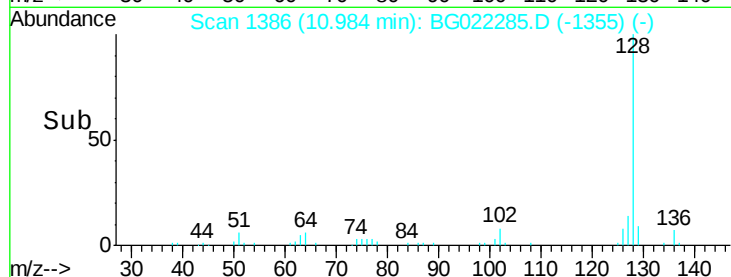
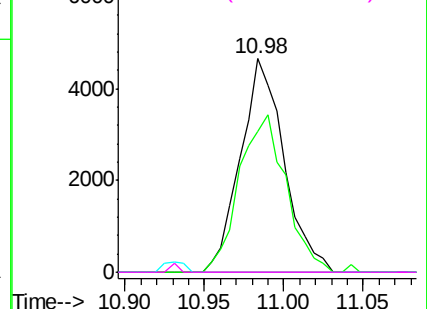
#33
4-Chloroaniline
Concen: 2.28 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.12 min
Lab File: BG022285.D
Acq: 10 Jun 2016 8:31

Instrument :
BNA_G
ClientSampleId :
STA-990-PLATFORM(0-4)

Tgt Ion:127 Resp: 8879
Ion Ratio Lower Upper
127 100
129 65.7 26.6 39.8#
65 0.0 27.5 41.3#
92 0.0 14.7 22.1#

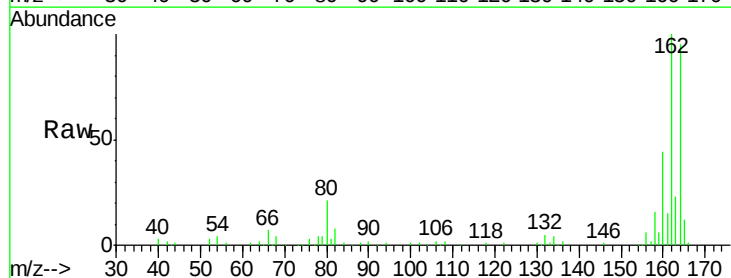


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

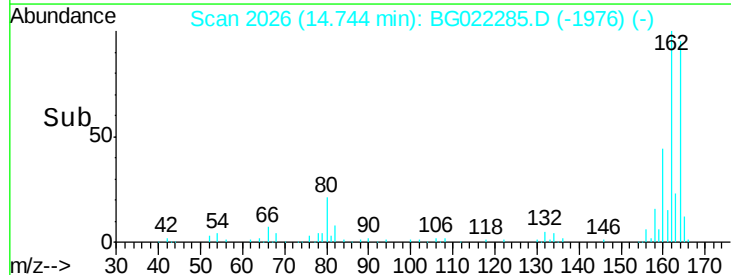
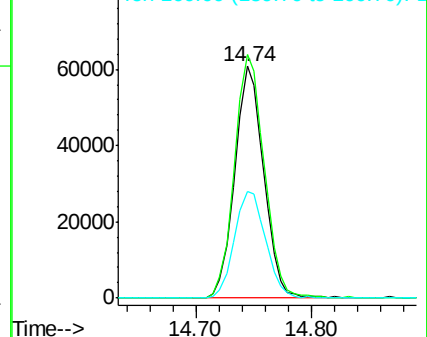


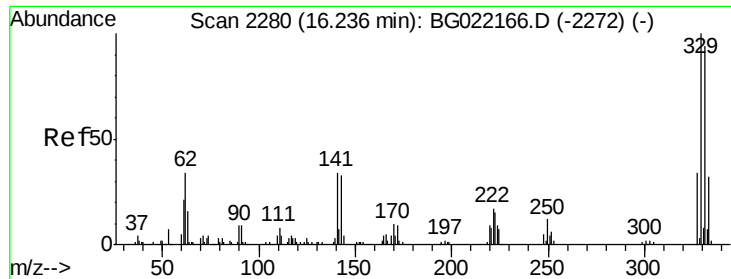
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022285.D
Acq: 10 Jun 2016 8:31

Tgt Ion:164 Resp: 105377
Ion Ratio Lower Upper
164 100
162 105.0 78.0 117.0
160 45.9 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

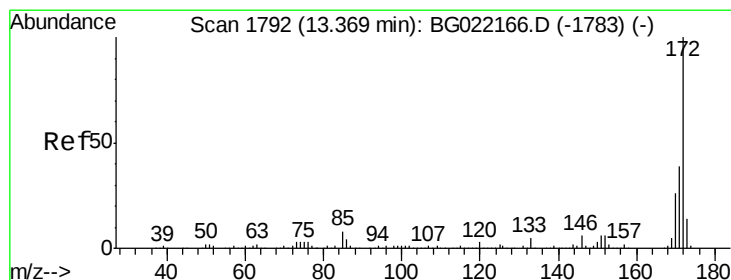
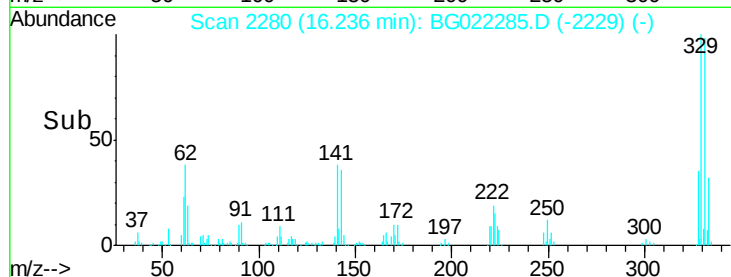
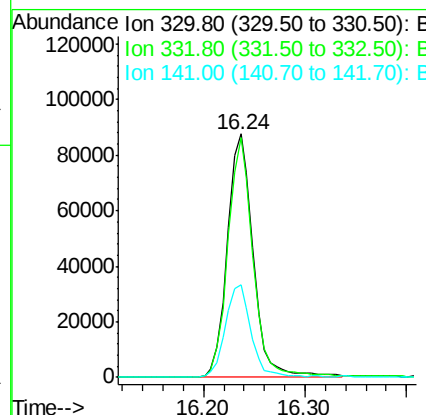
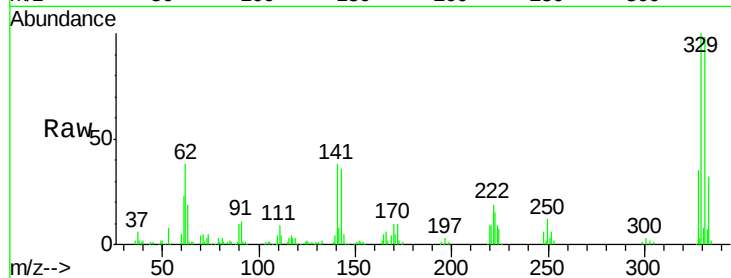




#41
 2,4,6-Tribromophenol
 Concen: 130.38 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022285.D
 Acq: 10 Jun 2016 8:31

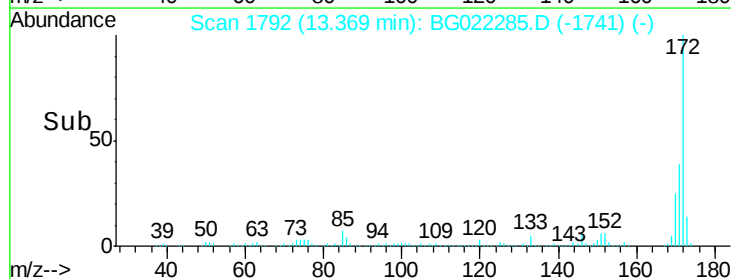
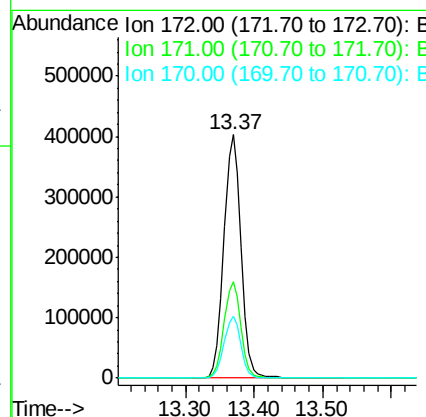
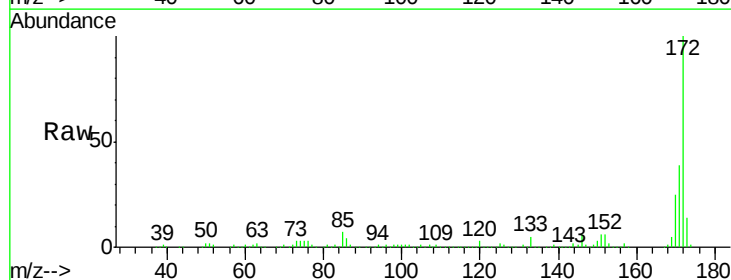
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 STA-990-PLATFORM(0-4)

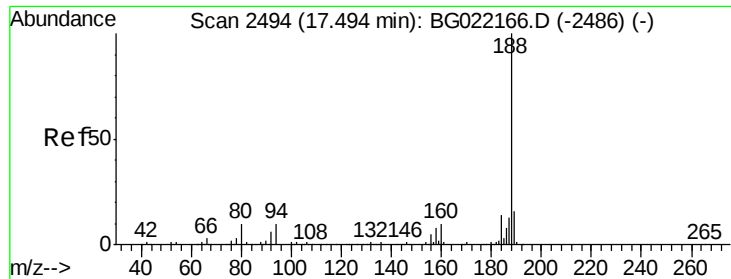
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	38.0	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 101.13 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022285.D
 Acq: 10 Jun 2016 8:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	25.2	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: BG022285.D

Acq: 10 Jun 2016 8:31

Instrument :

BNA_G

ClientSampleId :

STA-990-PLATFORM(0-4)

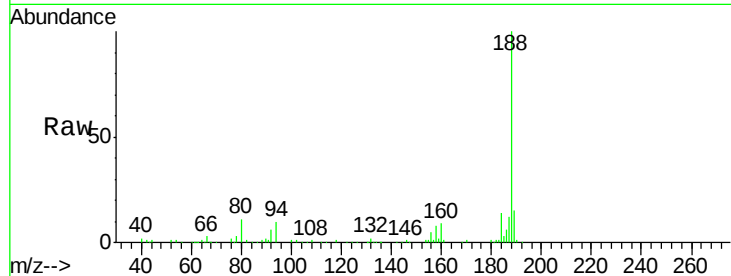
Tgt Ion:188 Resp: 207309

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

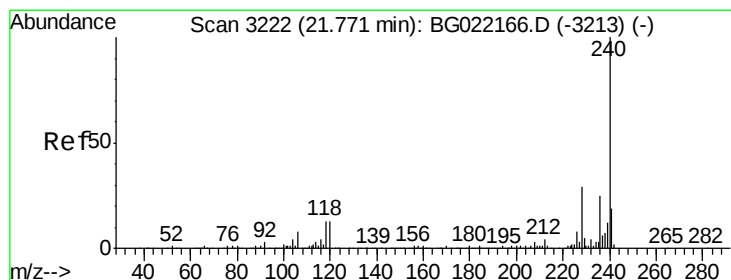
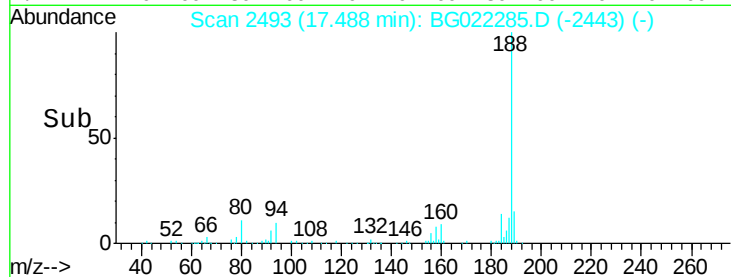
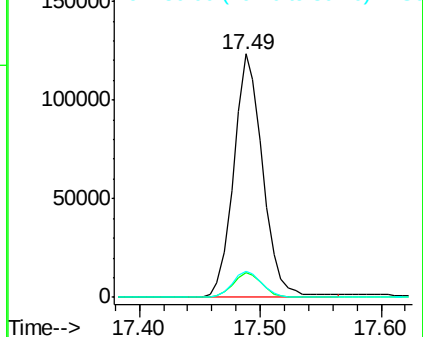
80 10.8 8.6 13.0



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# 3221

Delta R.T. -0.01 min

Lab File: BG022285.D

Acq: 10 Jun 2016 8:31

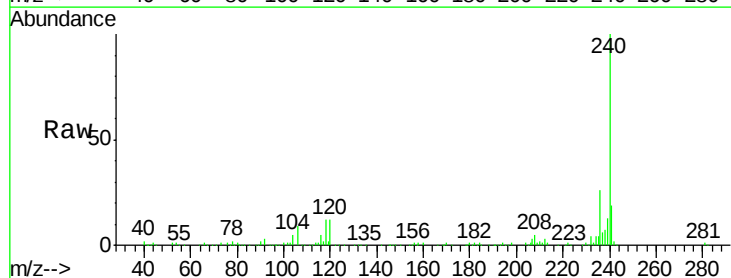
Tgt Ion:240 Resp: 181850

Ion Ratio Lower Upper

240 100

120 12.3 8.4 12.6

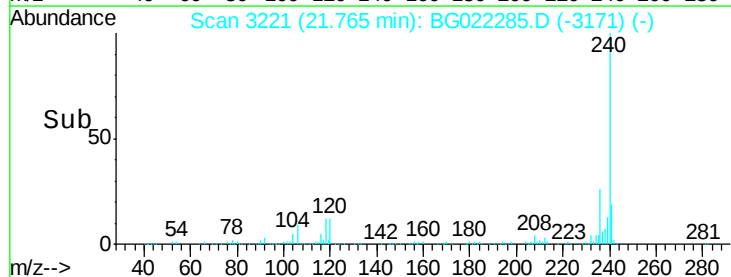
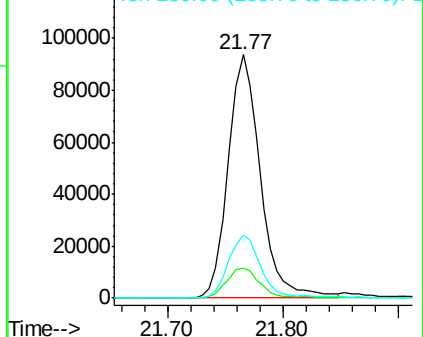
236 26.0 19.6 29.4

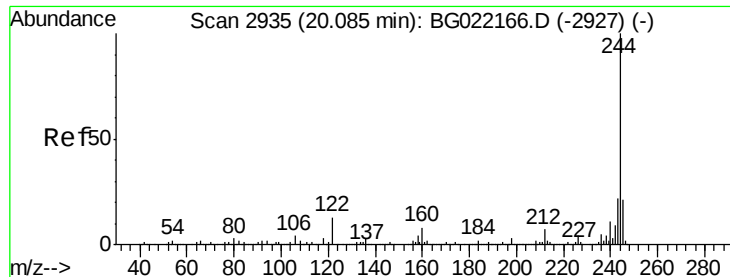


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.32 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022285.D

Acq: 10 Jun 2016 8:31

Instrument :

BNA_G

ClientSampleId :

STA-990-PLATFORM(0-4)

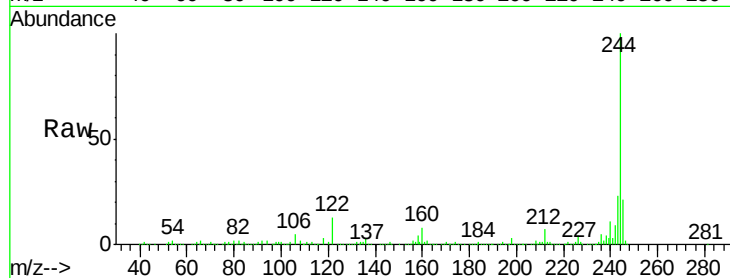
Tgt Ion:244 Resp: 829704

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

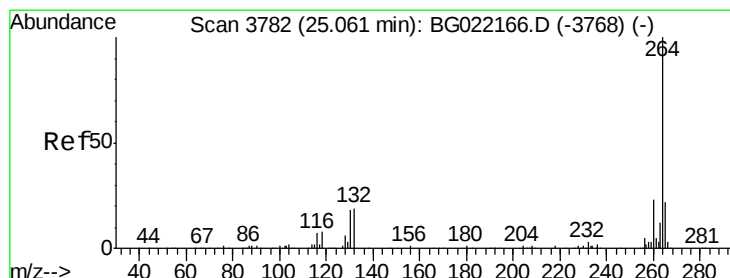
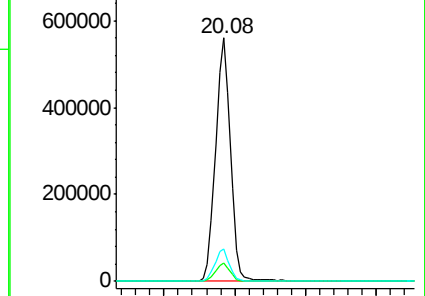
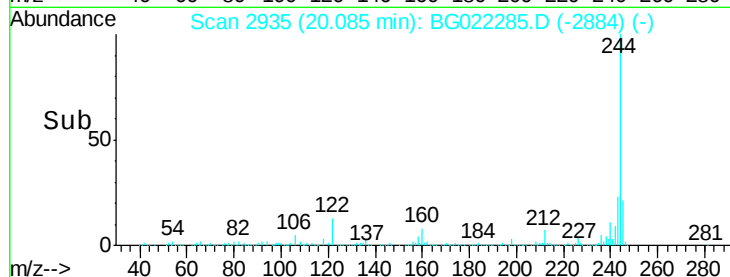
122 13.1 8.6 12.8#



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: BG022285.D

Acq: 10 Jun 2016 8:31

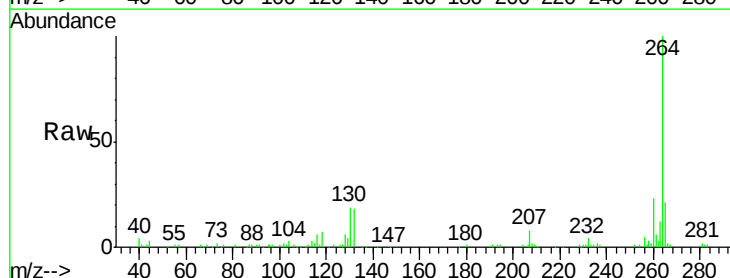
Tgt Ion:264 Resp: 155606

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 20.5 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

