

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022279.D
 Acq On : 10 Jun 2016 4:31
 Operator : UM/SJ
 Sample : H3396-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-942-PLATFORM(0-4)

Quant Time: Jun 10 07:42:37 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

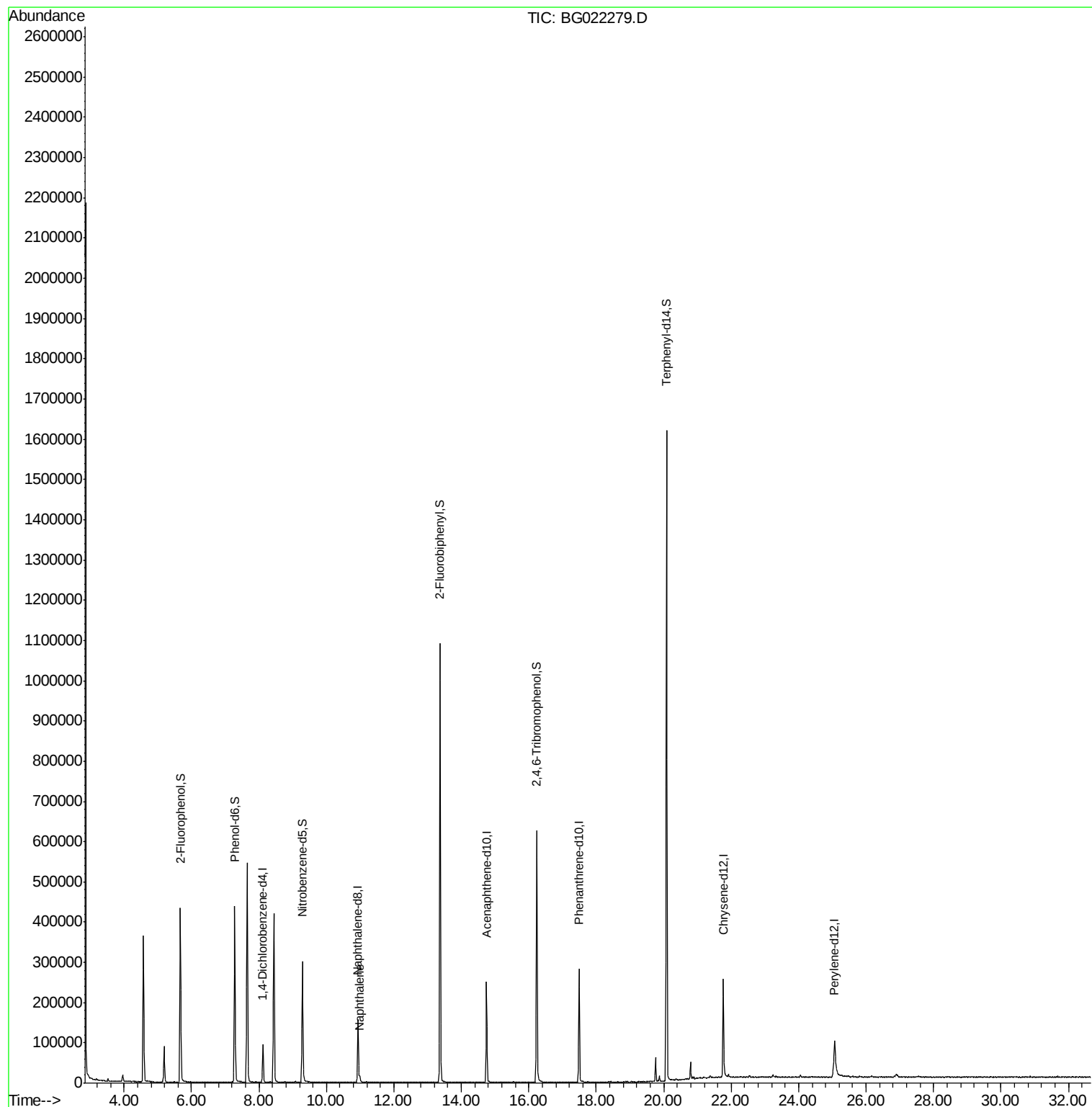
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35359	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	173592	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	99502	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	199288	20.00	ng	0.00
75) Chrysene-d12	21.77	240	178300	20.00	ng	0.00
86) Perylene-d12	25.07	264	130952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	277630	151.81	ng	0.00
7) Phenol-d6	7.28	99	372051	129.39	ng	0.00
23) Nitrobenzene-d5	9.29	82	242874	97.54	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	150181	133.57	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	647382	99.15	ng	0.00
78) Terphenyl-d14	20.08	244	787530	104.86	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	17377	2.01	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: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022279.D

Acq: 10 Jun 2016 4:31

Instrument :

BNA_G

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STA-942-PLATFORM(0-4)

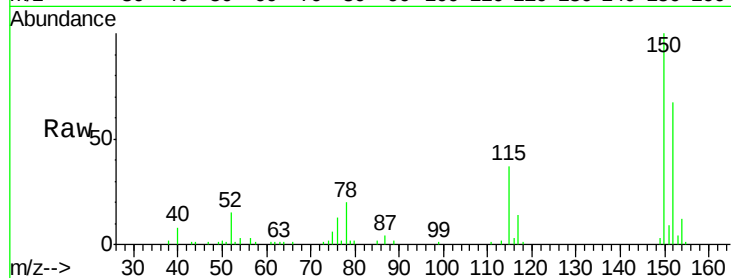
Tot Ion:152 Resp: 35359

Ion Ratio Lower Upper

152 100

150 149.3 130.1 195.1

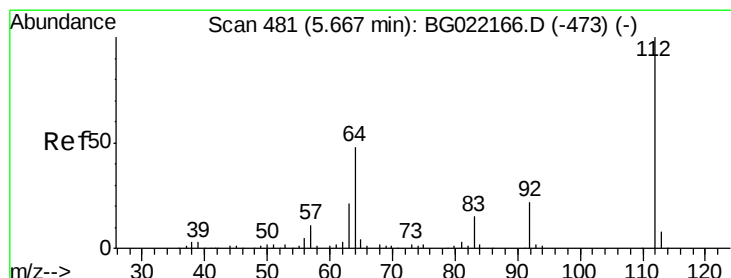
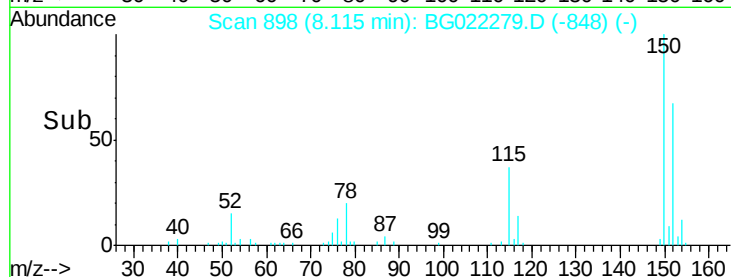
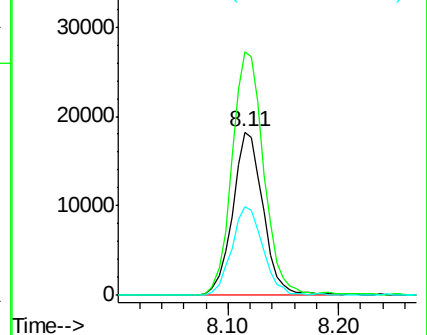
115 54.6 62.2 93.2#



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: 151.81 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022279.D

Acq: 10 Jun 2016 4:31

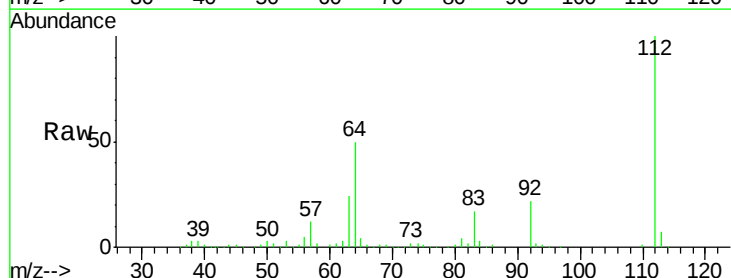
Tgt Ion:112 Resp: 277630

Ion Ratio Lower Upper

112 100

64 49.6 51.1 76.7#

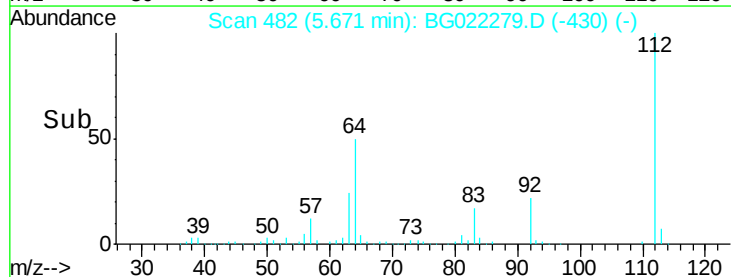
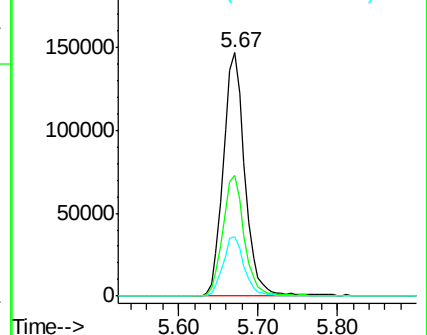
63 24.2 24.6 37.0#



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: 129.39 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022279.D

Acq: 10 Jun 2016 4:31

Instrument :

BNA_G

ClientSampleId :

STA-942-PLATFORM(0-4)

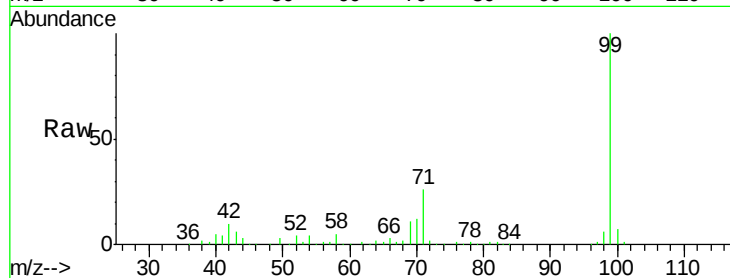
Tot Ion: 99 Resp: 372051

Ion Ratio Lower Upper

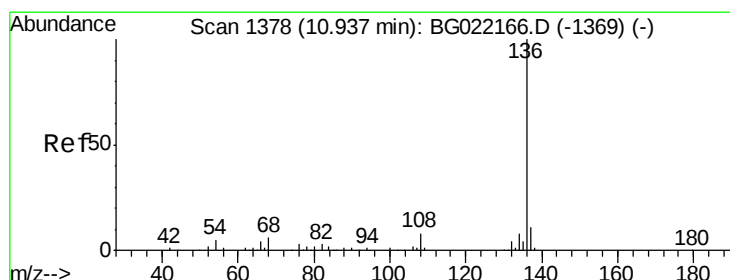
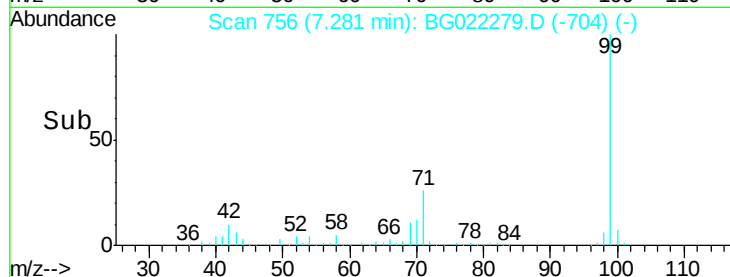
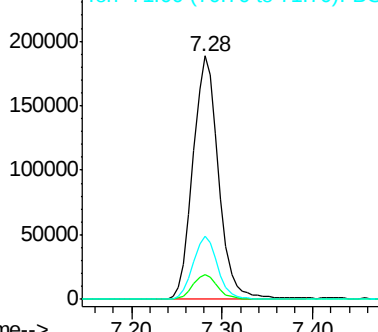
99 100

42 10.2 16.4 24.6#

71 26.2 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: BG022279.D

Acq: 10 Jun 2016 4:31

Tgt Ion: 136 Resp: 173592

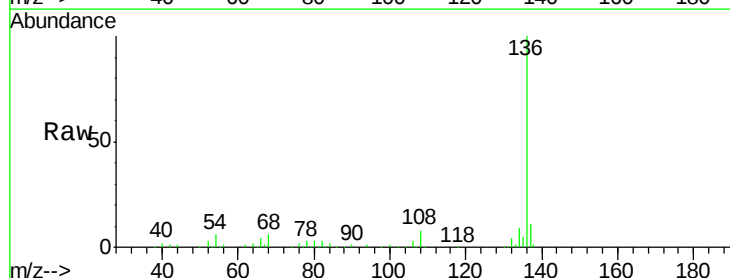
Ion Ratio Lower Upper

136 100

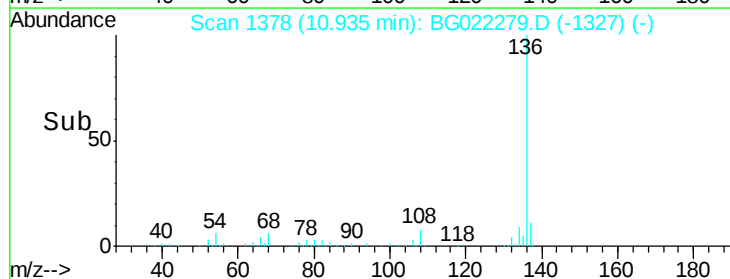
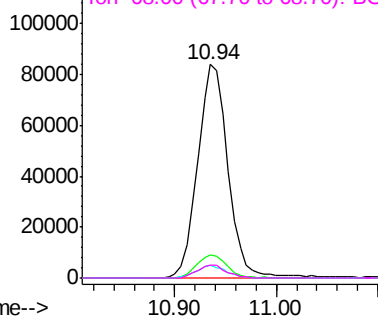
137 10.8 9.0 13.4

54 6.1 9.6 14.4#

68 6.2 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

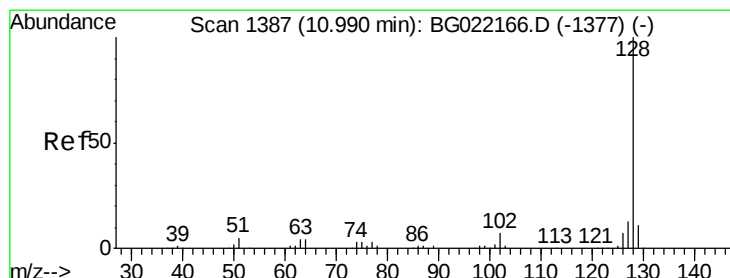
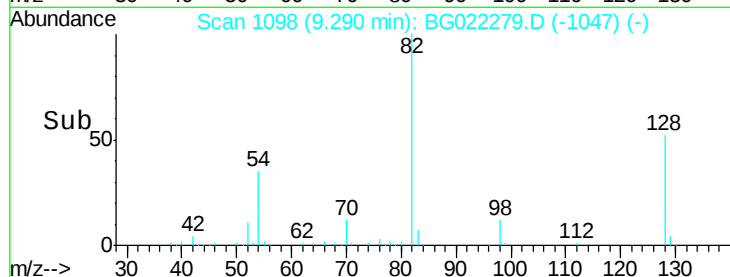
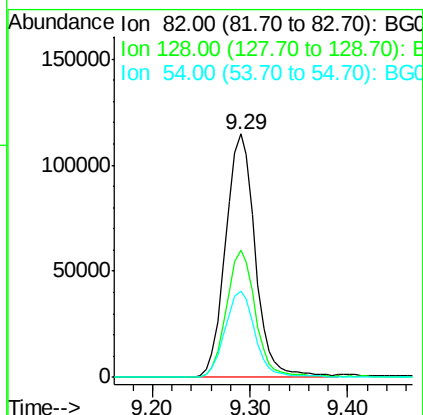
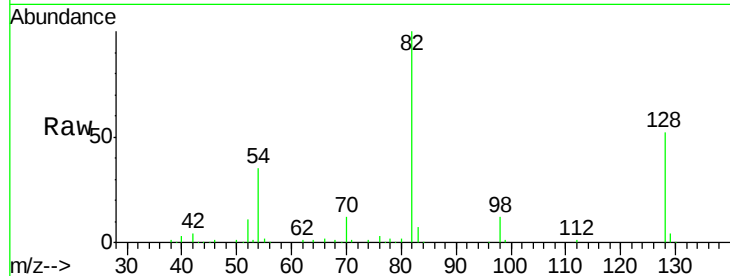




#23
Nitrobenzene-d5
Concen: 97.54 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022279.D
Acq: 10 Jun 2016 4:31

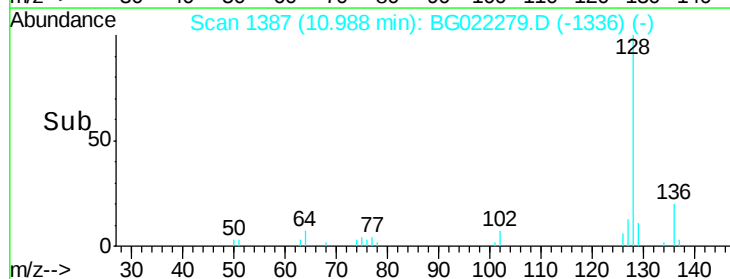
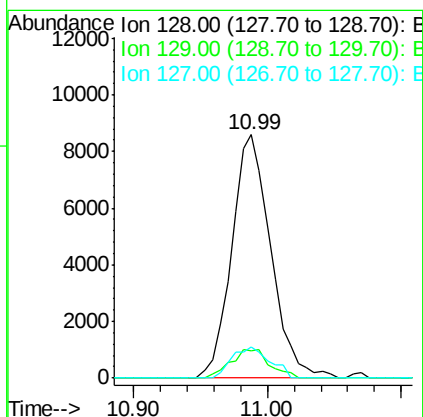
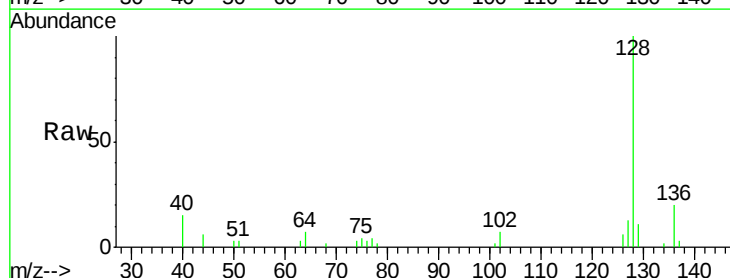
Instrument :
BNA_G
ClientSampleId :
STA-942-PLATFORM(0-4)

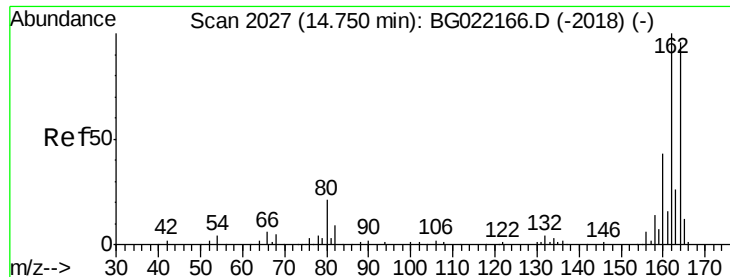
Tot Ion: 82 Resp: 242874
Ion Ratio Lower Upper
82 100
128 52.0 33.4 50.0#
54 35.5 46.1 69.1#



#31
Naphthalene
Concen: 2.01 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022279.D
Acq: 10 Jun 2016 4:31

Tgt Ion: 128 Resp: 17377
Ion Ratio Lower Upper
128 100
129 11.1 7.0 10.6#
127 12.6 10.1 15.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022279.D

Acq: 10 Jun 2016 4:31

Instrument :

BNA_G

ClientSampleId :

STA-942-PLATFORM(0-4)

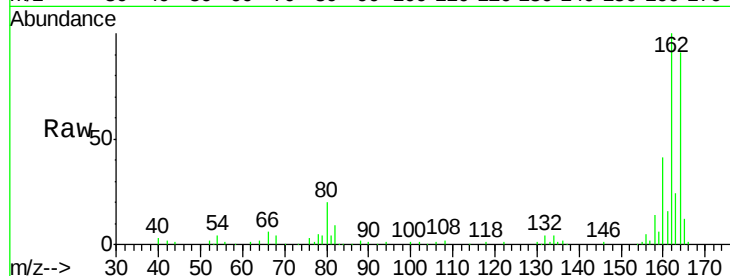
Tot Ion:164 Resp: 99502

Ion Ratio Lower Upper

164 100

162 110.2 78.0 117.0

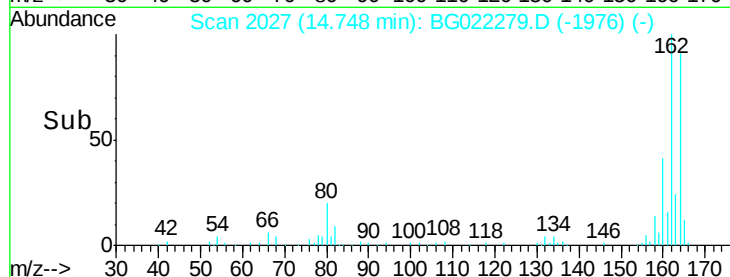
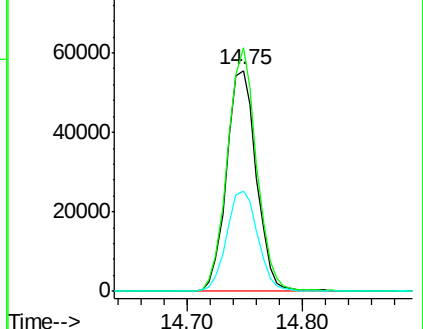
160 45.7 32.9 49.3



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: 133.57 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022279.D

Acq: 10 Jun 2016 4:31

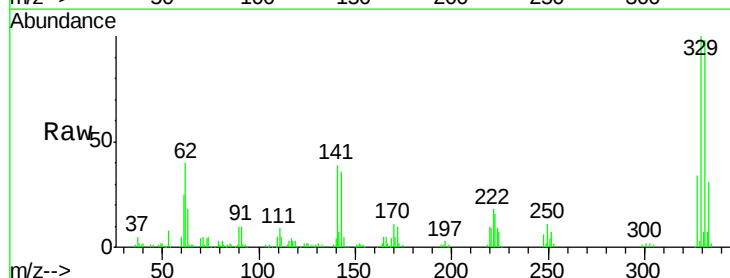
Tgt Ion:330 Resp: 150181

Ion Ratio Lower Upper

330 100

332 94.7 78.0 117.0

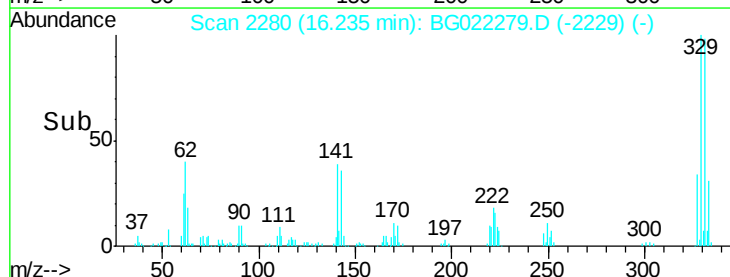
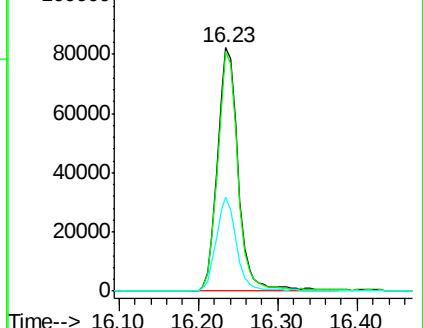
141 37.0 33.8 50.8

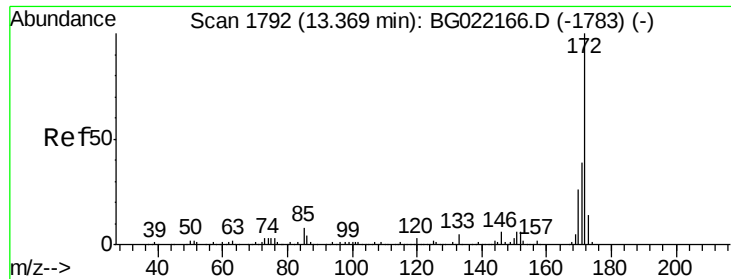


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

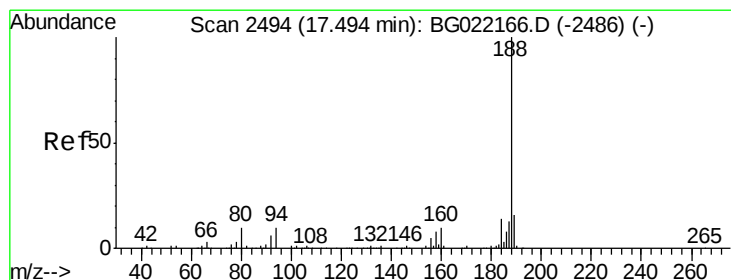
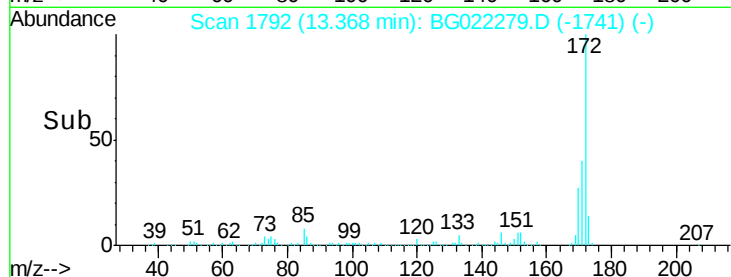
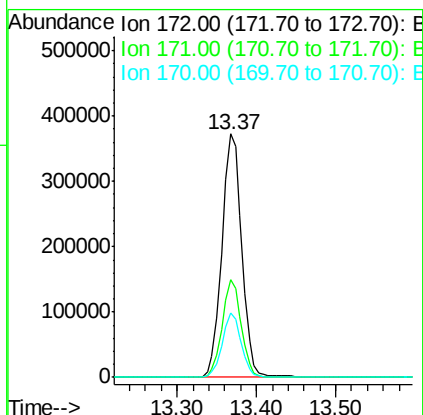
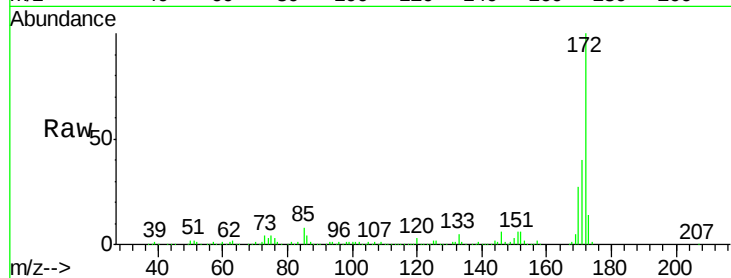




#44
2-Fluorobiphenyl
Concen: 99.15 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022279.D
Acq: 10 Jun 2016 4:31

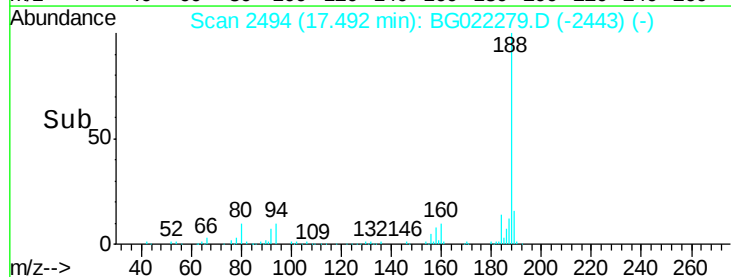
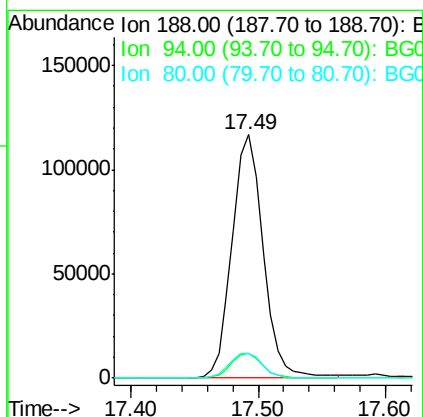
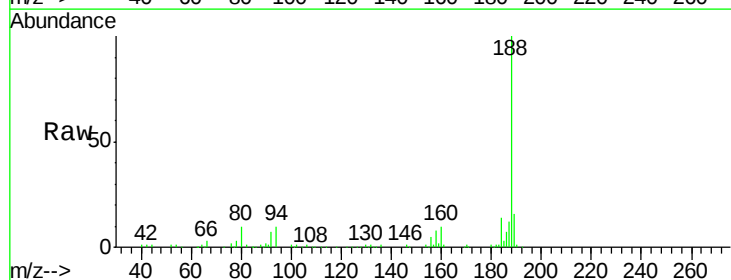
Instrument :
BNA_G
ClientSampleId :
STA-942-PLATFORM(0-4)

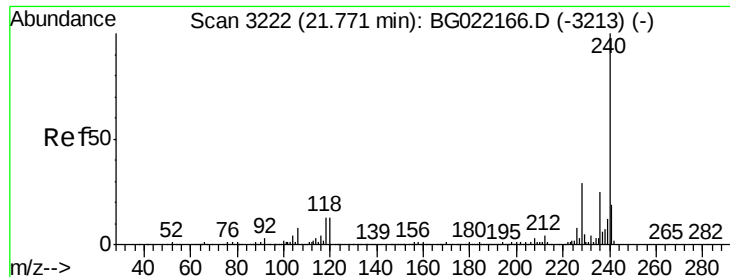
Tot Ion:172 Resp: 647382
Ion Ratio Lower Upper
172 100
171 40.1 27.8 41.6
170 26.5 19.6 29.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022279.D
Acq: 10 Jun 2016 4:31

Tgt Ion:188 Resp: 199288
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.4 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: BG022279.D

Acq: 10 Jun 2016 4:31

Instrument :

BNA_G

ClientSampleId :

STA-942-PLATFORM(0-4)

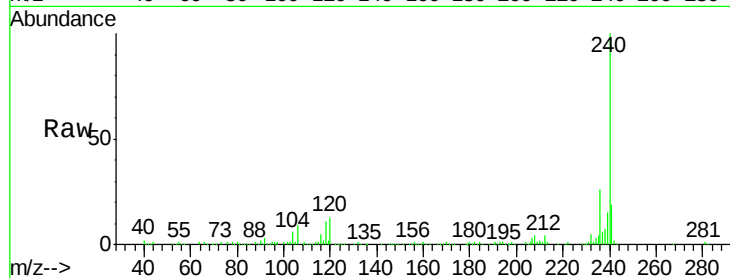
Tot Ion:240 Resp: 178300

Ion Ratio Lower Upper

240 100

120 12.7 8.4 12.6#

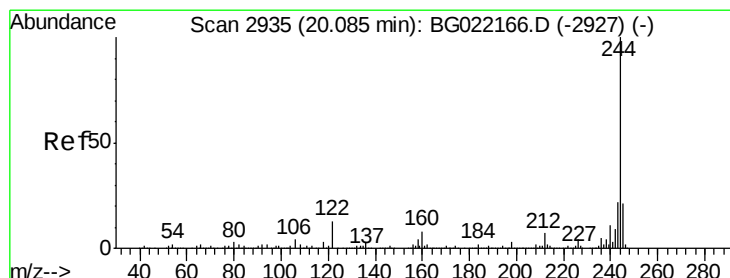
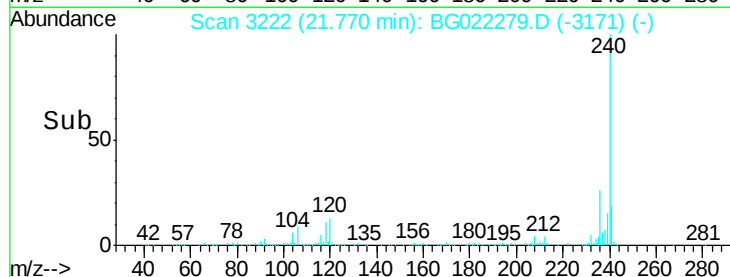
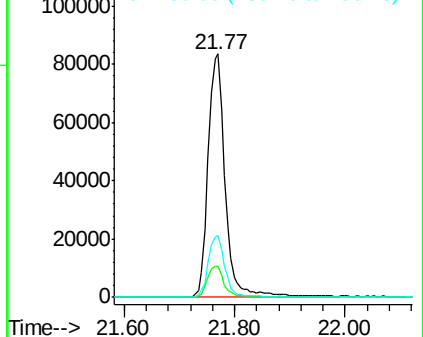
236 25.5 19.6 29.4



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: 104.86 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022279.D

Acq: 10 Jun 2016 4:31

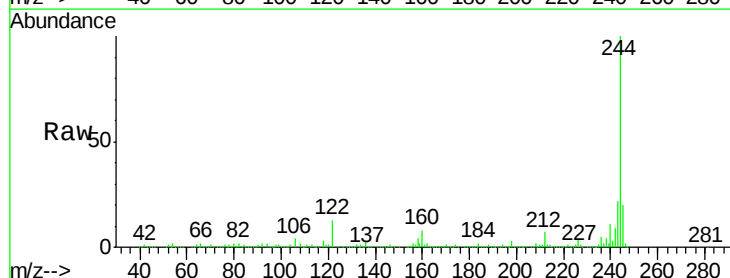
Tgt Ion:244 Resp: 787530

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

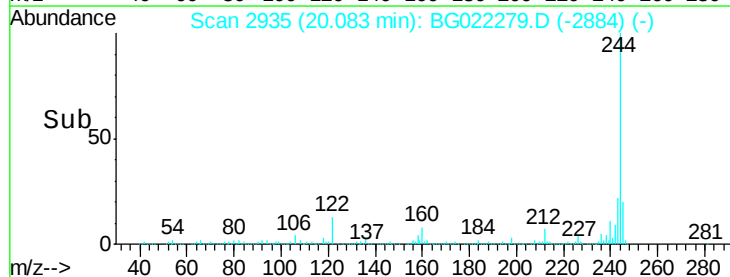
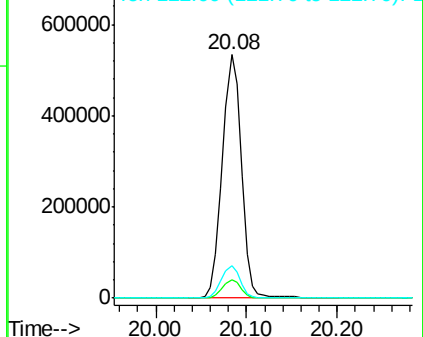
122 13.2 8.6 12.8#

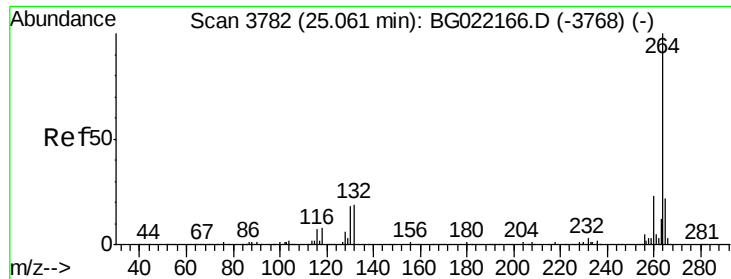


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

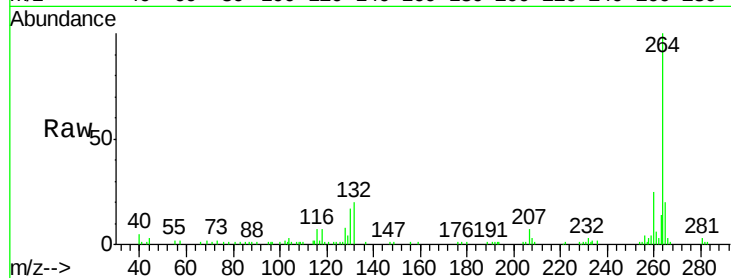




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3783
 Delta R.T. 0.00 min
 Lab File: BG022279.D
 Acq: 10 Jun 2016 4:31

Instrument :
 BNA_G
 ClientSampleId :
 STA-942-PLATFORM(0-4)

Tot Ion:	264	Resp:	130952
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	19.6	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

