

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022282.D
 Acq On : 10 Jun 2016 6:31
 Operator : UM/SJ
 Sample : H3396-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-964-PLATFORM(0-4)

Quant Time: Jun 10 07:43:08 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	38464	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	189460	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	105016	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	203564	20.00	ng	0.00
75) Chrysene-d12	21.77	240	179111	20.00	ng	0.00
86) Perylene-d12	25.07	264	152939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	299538	150.57	ng	0.00
7) Phenol-d6	7.28	99	409762	131.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	260696	95.93	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	152775	128.75	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	687734	99.80	ng	0.00
78) Terphenyl-d14	20.08	244	801877	106.29	ng	0.00

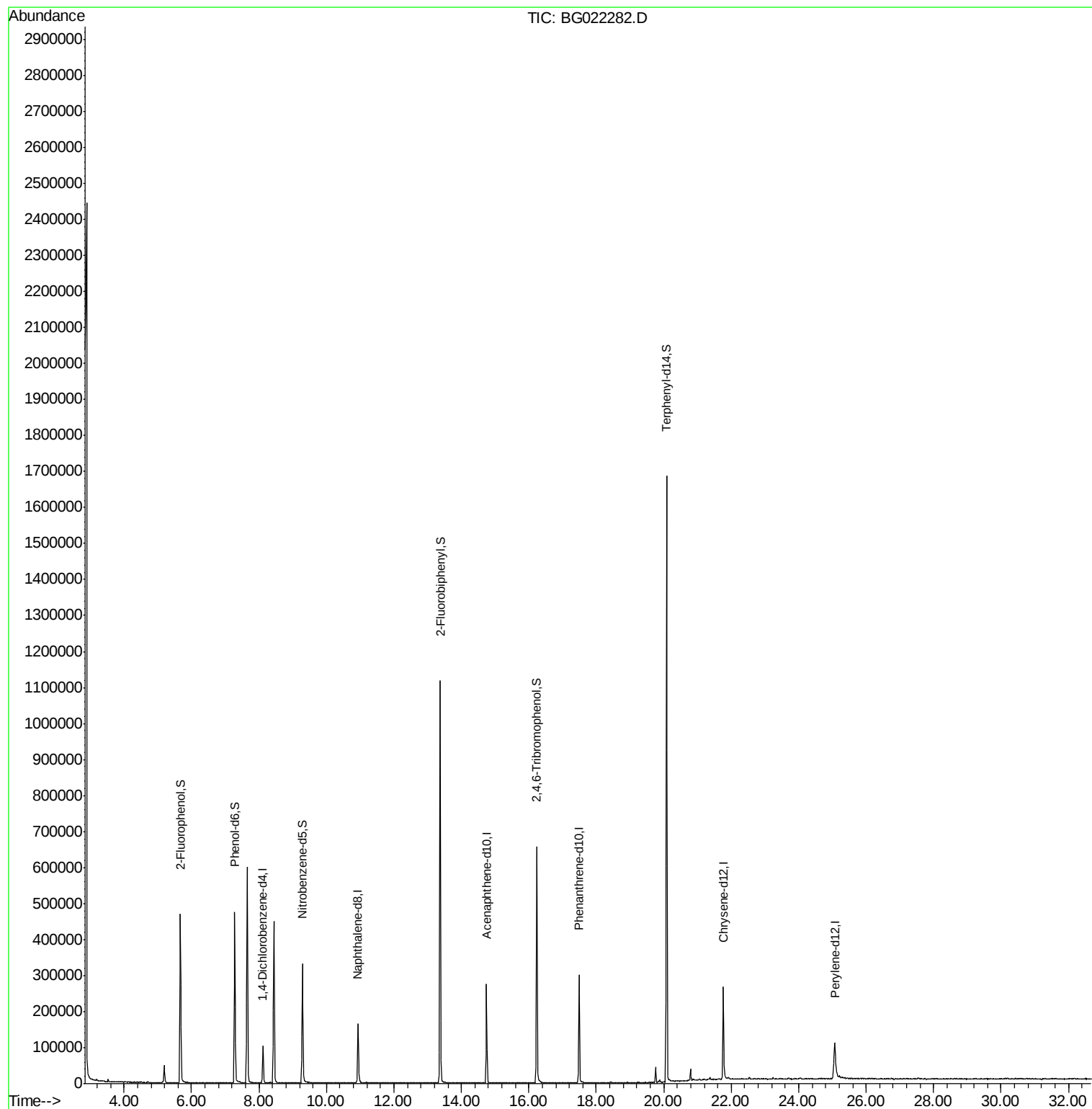
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022282.D

Acq: 10 Jun 2016 6:31

Instrument :

BNA_G

ClientSampleId :

STA-964-PLATFORM(0-4)

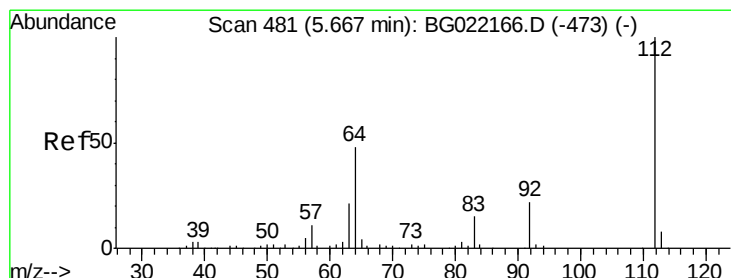
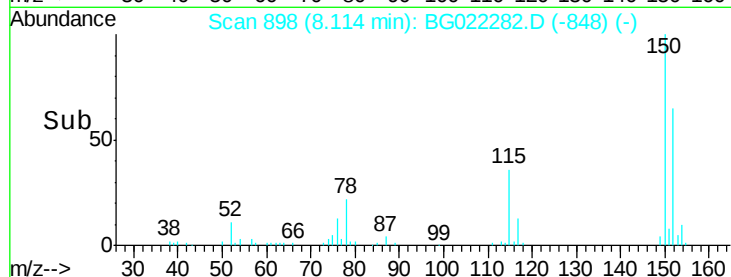
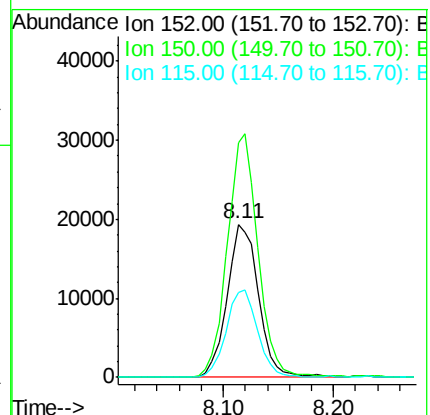
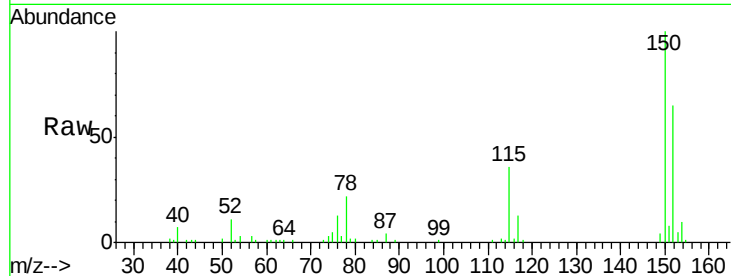
Tgt Ion:152 Resp: 38464

Ion Ratio Lower Upper

152 100

150 153.8 130.1 195.1

115 55.5 62.2 93.2#



#5

2-Fluorophenol

Concen: 150.57 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022282.D

Acq: 10 Jun 2016 6:31

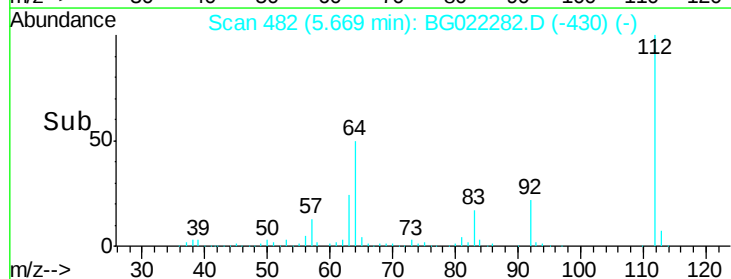
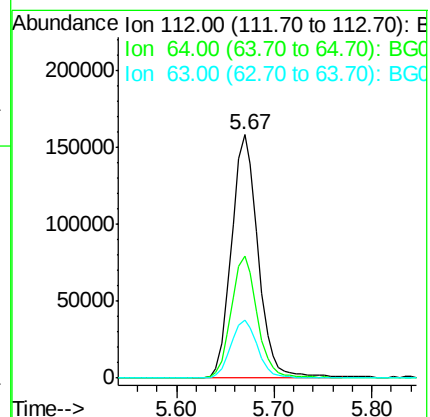
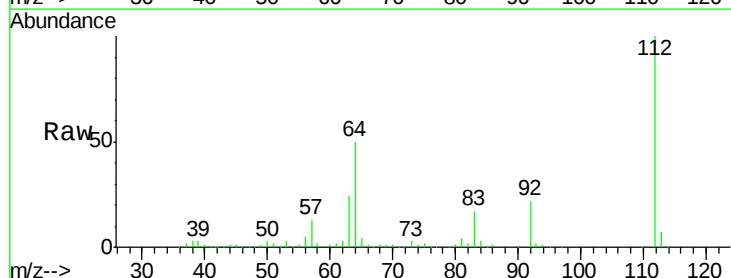
Tgt Ion:112 Resp: 299538

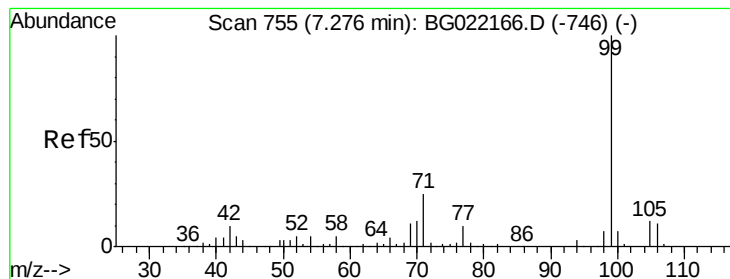
Ion Ratio Lower Upper

112 100

64 50.0 51.1 76.7#

63 23.9 24.6 37.0#





#7

Phenol-d6

Concen: 131.00 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022282.D

Acq: 10 Jun 2016 6:31

Instrument :

BNA_G

ClientSampleId :

STA-964-PLATFORM(0-4)

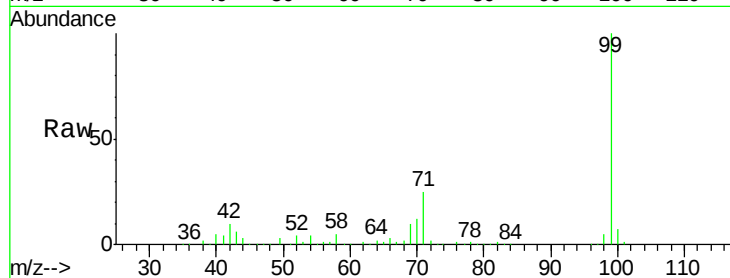
Tgt Ion: 99 Resp: 409762

Ion Ratio Lower Upper

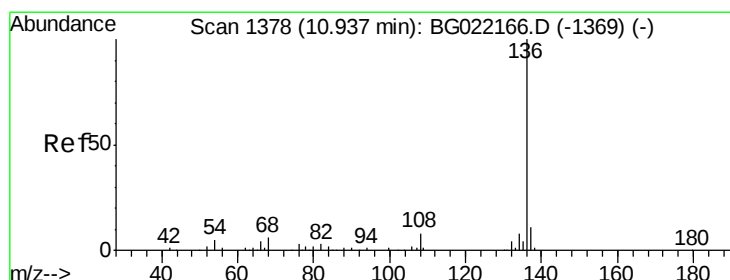
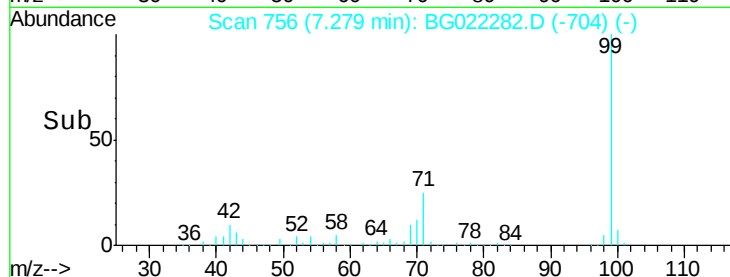
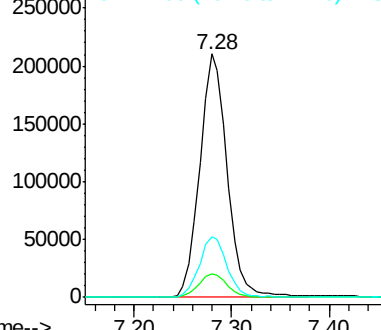
99 100

42 9.9 16.4 24.6#

71 25.0 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: BG022282.D

Acq: 10 Jun 2016 6:31

Tgt Ion: 136 Resp: 189460

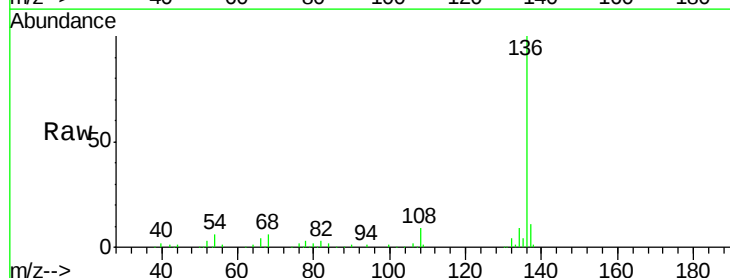
Ion Ratio Lower Upper

136 100

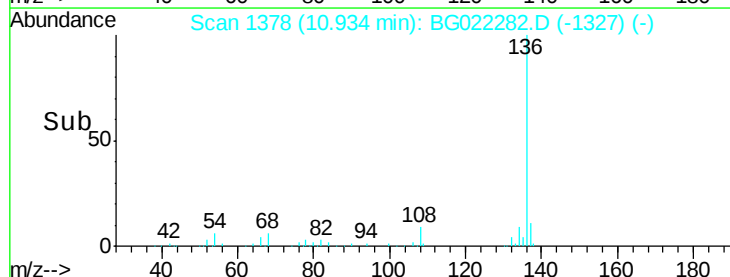
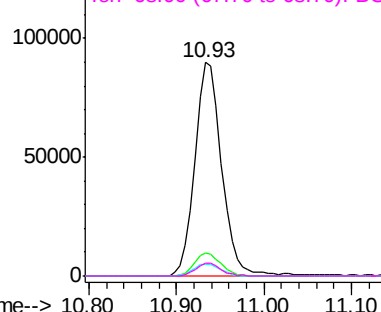
137 10.8 9.0 13.4

54 5.7 9.6 14.4#

68 5.7 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

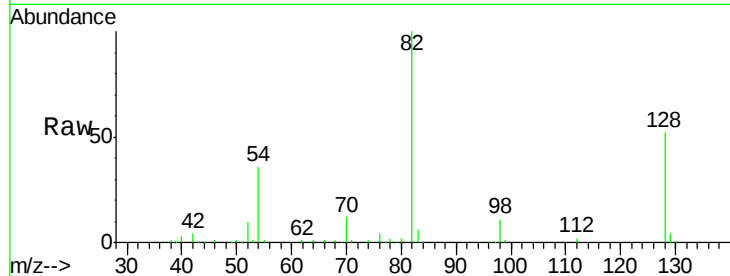




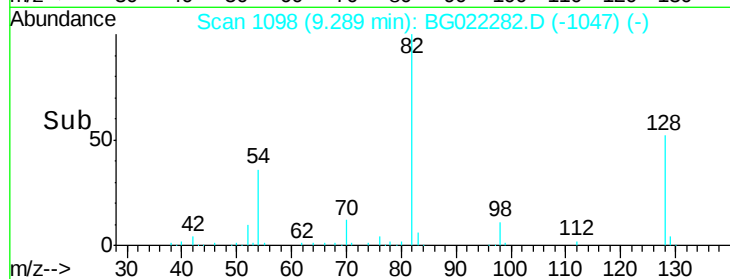
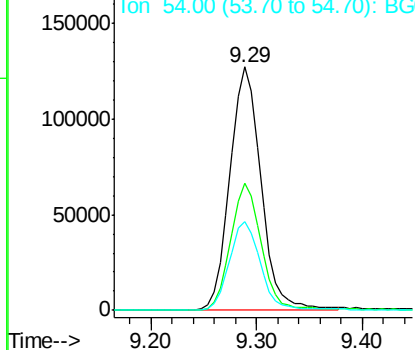
#23
 Nitrobenzene-d5
 Concen: 95.93 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022282.D
 Acq: 10 Jun 2016 6:31

Instrument :
 BNA_G
 ClientSampleId :
 STA-964-PLATFORM(0-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.1	33.4	50.0#
54	36.4	46.1	69.1#

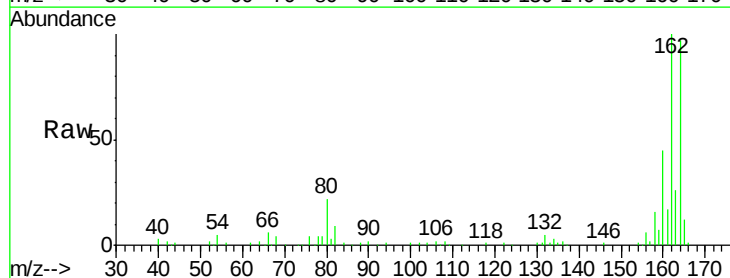


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

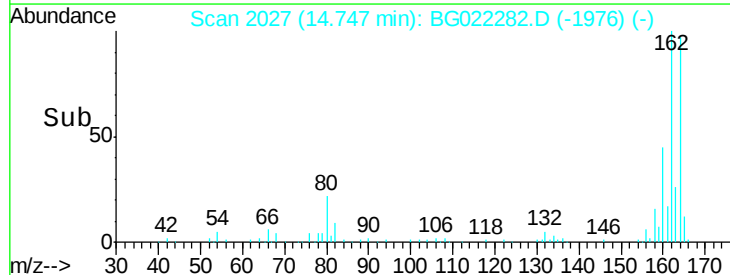
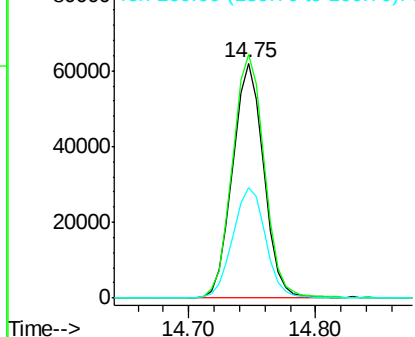


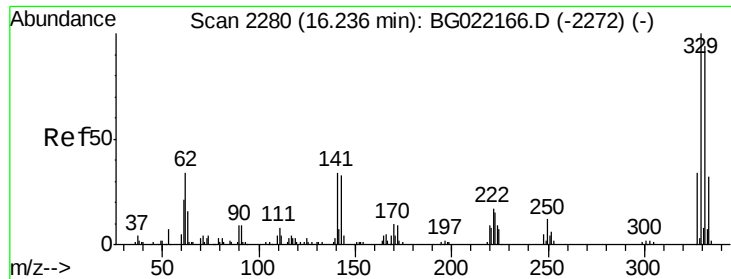
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022282.D
 Acq: 10 Jun 2016 6:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.0	117.0
160	46.8	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

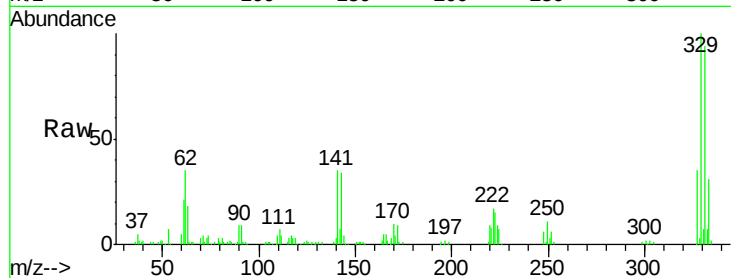




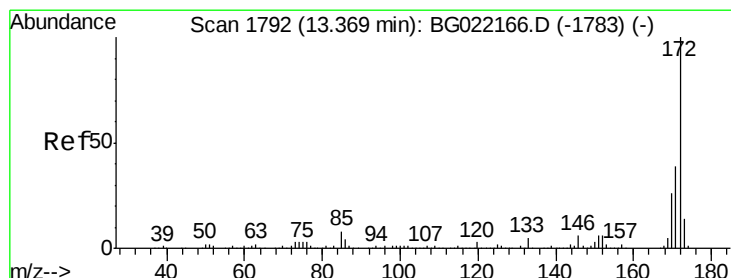
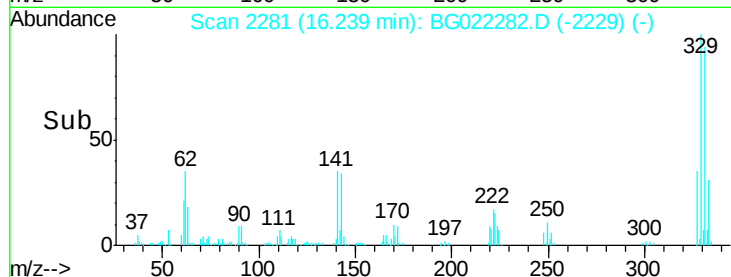
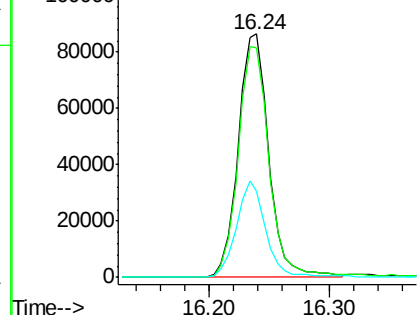
#41
 2,4,6-Tribromophenol
 Concen: 128.75 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BG022282.D
 Acq: 10 Jun 2016 6:31

Instrument :
 BNA_G
 ClientSampleId :
 STA-964-PLATFORM(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8		78.0	117.0
141	37.7		33.8	50.8

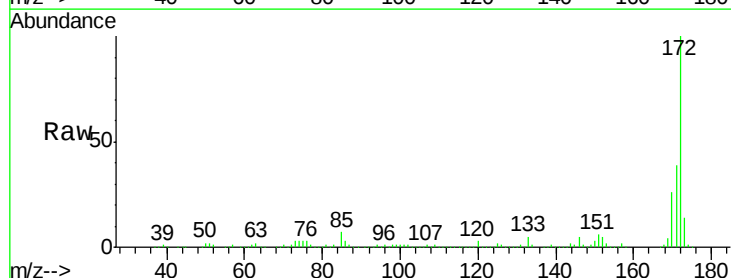


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

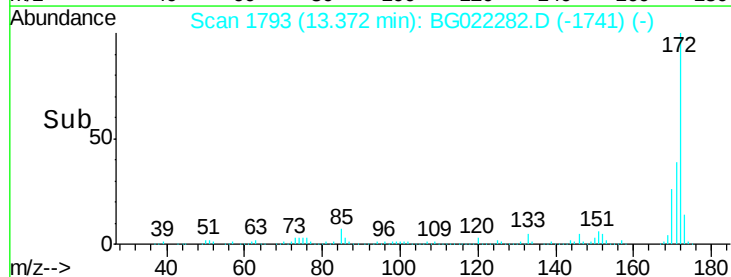
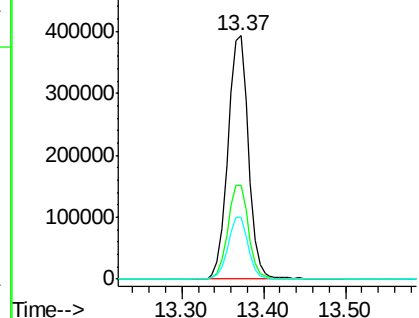


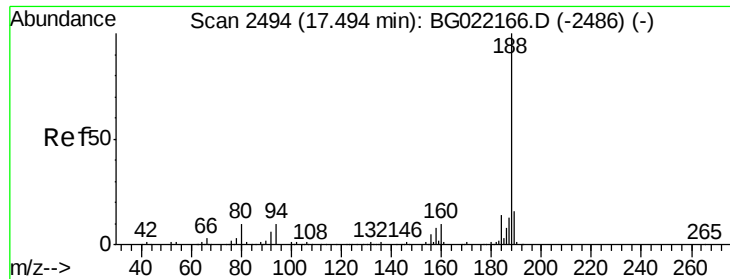
#44
 2-Fluorobiphenyl
 Concen: 99.80 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022282.D
 Acq: 10 Jun 2016 6:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.5		27.8	41.6
170	25.6		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: BG022282.D

Acq: 10 Jun 2016 6:31

Instrument :

BNA_G

ClientSampleId :

STA-964-PLATFORM(0-4)

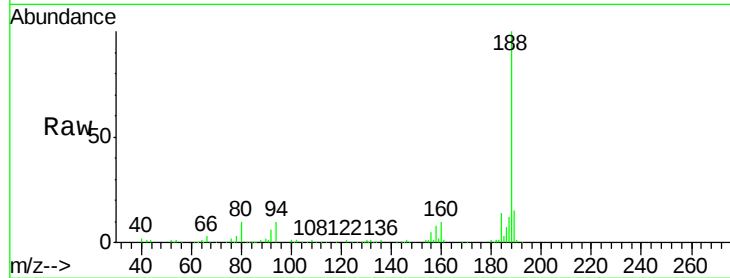
Tgt Ion:188 Resp: 203564

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 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

150000

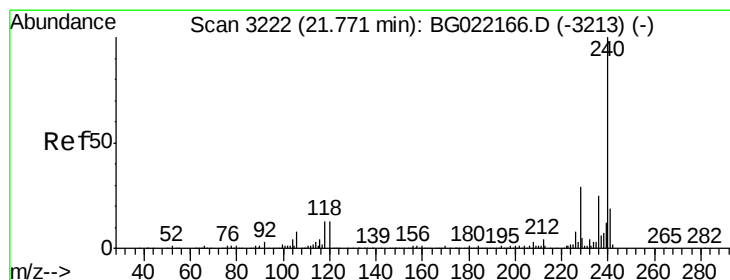
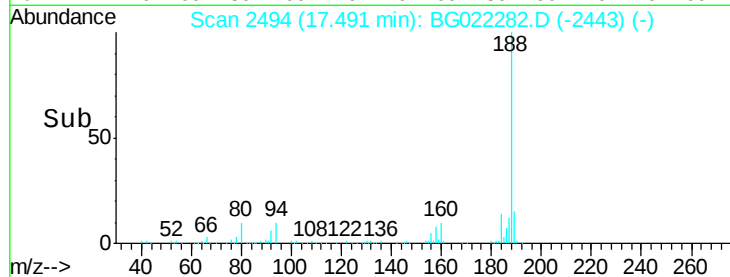
100000

50000

0

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022282.D

Acq: 10 Jun 2016 6:31

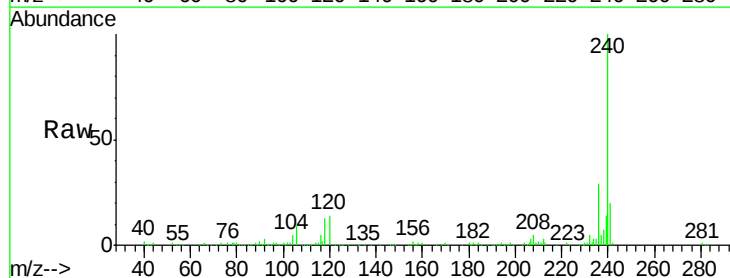
Tgt Ion:240 Resp: 179111

Ion Ratio Lower Upper

240 100

120 14.4 8.4 12.6#

236 28.9 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

120000

100000

80000

60000

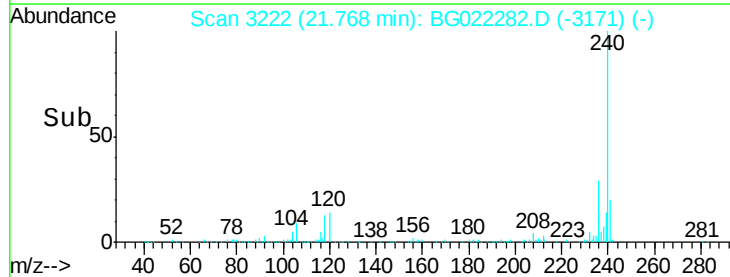
40000

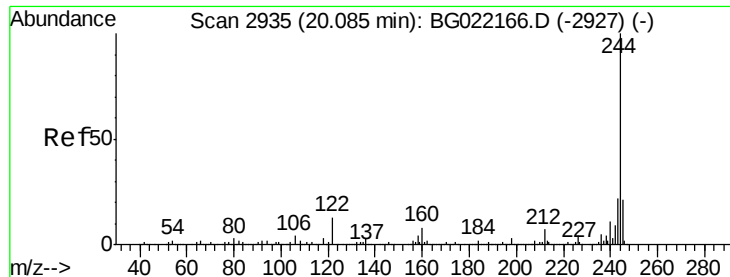
20000

0

21.70 21.80 21.90

Time-->





#78

Terphenyl-d14

Concen: 106.29 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022282.D

Acq: 10 Jun 2016 6:31

Instrument :

BNA_G

ClientSampleId :

STA-964-PLATFORM(0-4)

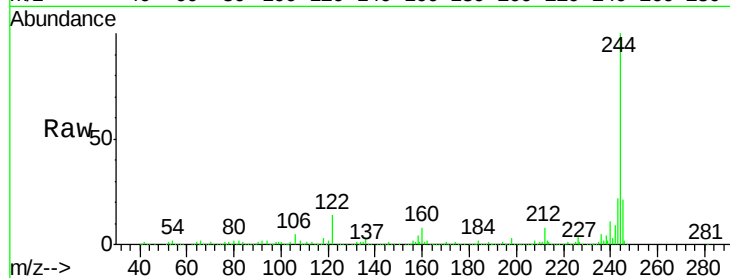
Tgt Ion:244 Resp: 801877

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

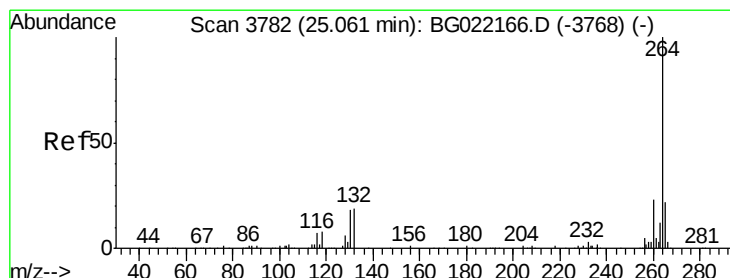
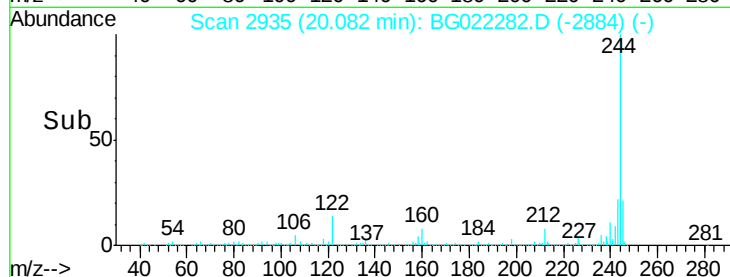
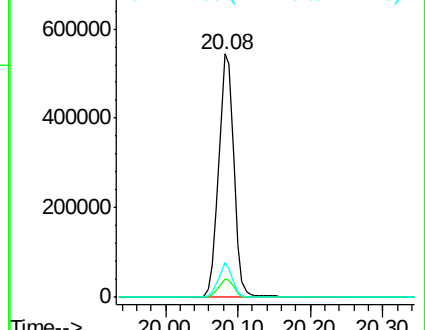
122 14.3 8.6 12.8#



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# 3784

Delta R.T. 0.01 min

Lab File: BG022282.D

Acq: 10 Jun 2016 6:31

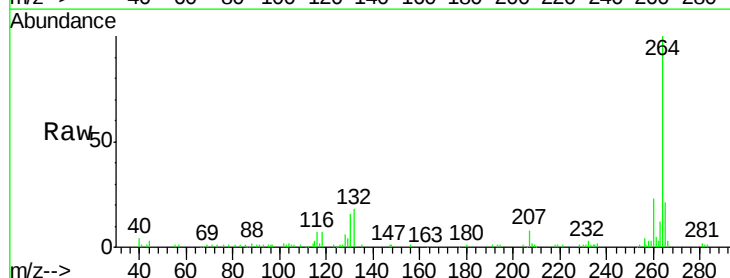
Tgt Ion:264 Resp: 152939

Ion Ratio Lower Upper

264 100

260 23.2 20.2 30.4

265 21.2 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

