

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022446.D
 Acq On : 19 Jun 2016 5:58
 Operator : UM/SJ
 Sample : H3607-04
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P0-002

Quant Time: Jun 20 01:29:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33022	20.00	ng	-0.05
21) Naphthalene-d8	10.87	136	156146	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	82848	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	154700	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	109582	20.00	ng	-0.05
86) Perylene-d12	24.96	264	76074	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	97761	57.24	ng	-0.03
7) Phenol-d6	7.23	99	85342	31.78	ng	-0.02
23) Nitrobenzene-d5	9.22	82	208792	93.22	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	77047	82.30	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	529430	97.39	ng	-0.04
78) Terphenyl-d14	20.03	244	412270	89.32	ng	-0.03

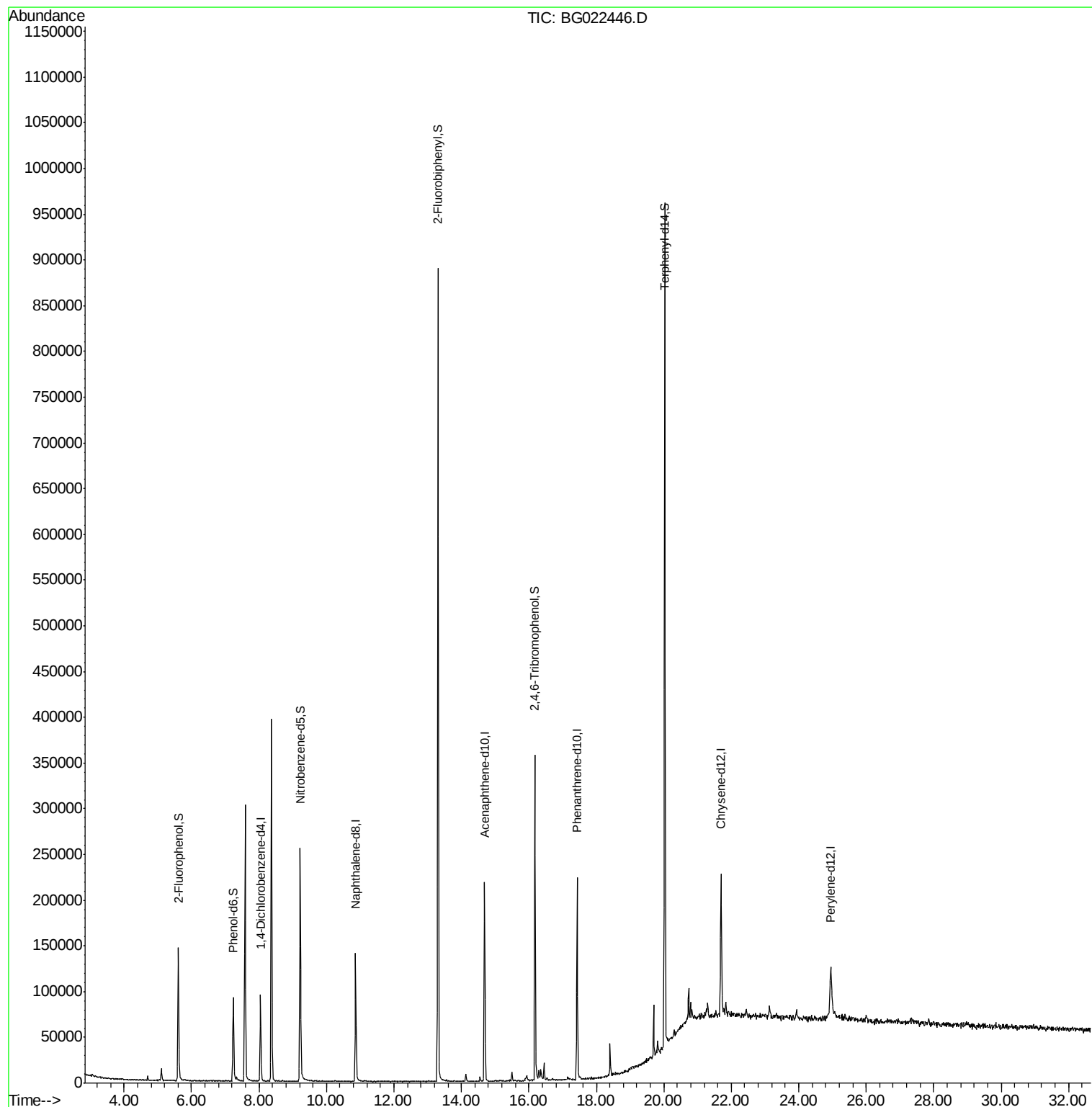
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022446.D
Acq On : 19 Jun 2016 5:58
Operator : UM/SJ
Sample : H3607-04
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P0-002

Quant Time: Jun 20 01:29:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022446.D

Acq: 19 Jun 2016 5:58

Instrument :

BNA_G

ClientSampleId :

P0-002

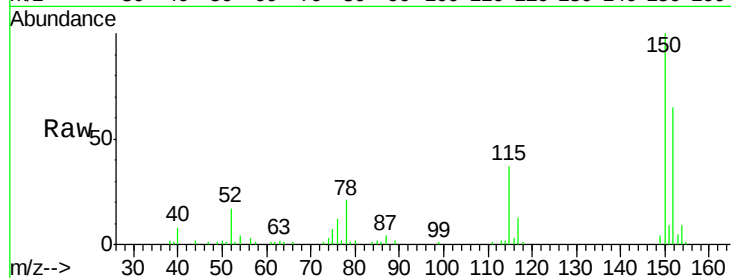
Tgt Ion:152 Resp: 33022

Ion Ratio Lower Upper

152 100

150 154.4 130.1 195.1

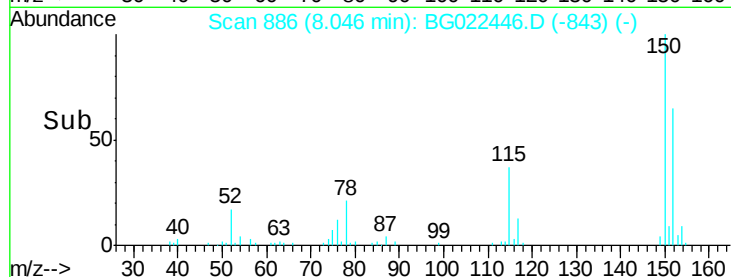
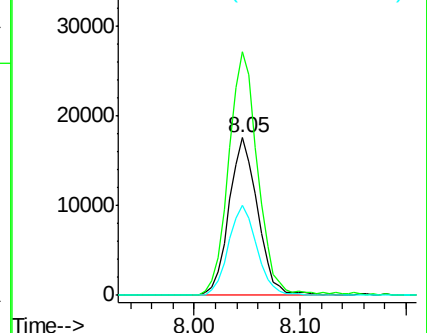
115 56.9 62.2 93.2#



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: 57.24 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022446.D

Acq: 19 Jun 2016 5:58

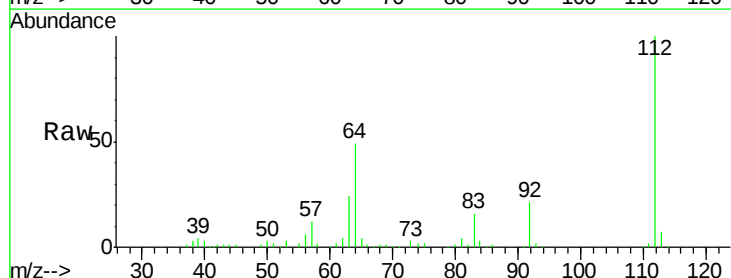
Tgt Ion:112 Resp: 97761

Ion Ratio Lower Upper

112 100

64 48.7 51.1 76.7#

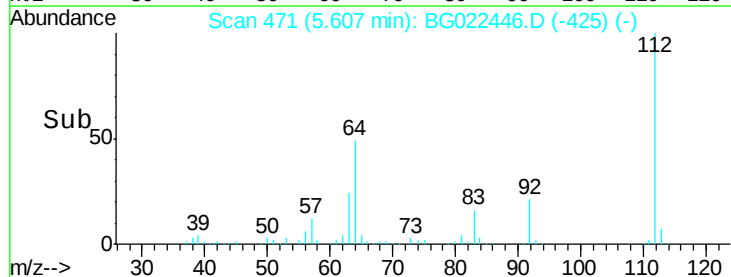
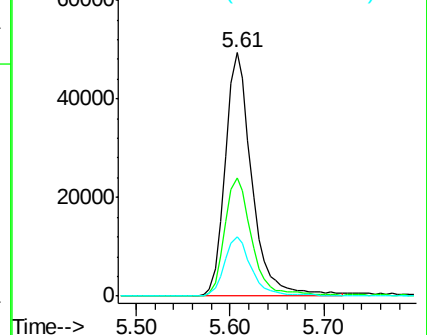
63 24.3 24.6 37.0#



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: 31.78 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022446.D

Acq: 19 Jun 2016 5:58

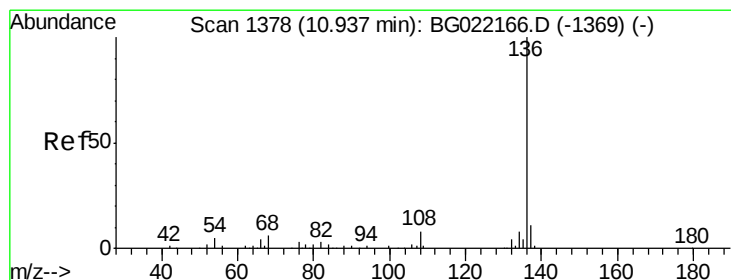
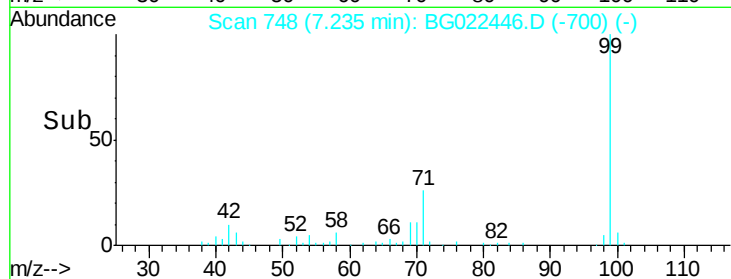
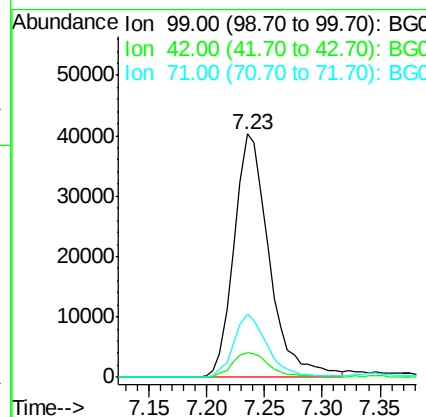
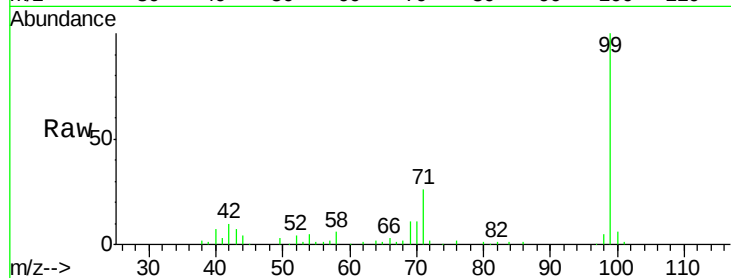
Instrument :

BNA_G

ClientSampled :

P0-002

Tgt Ion:	99	Resp:	85342
Ion	Ratio	Lower	Upper
99	100		
42	10.0	16.4	24.6#
71	25.8	25.0	37.4



#21

Naphthalene-d8

Concen: 20.00 ng

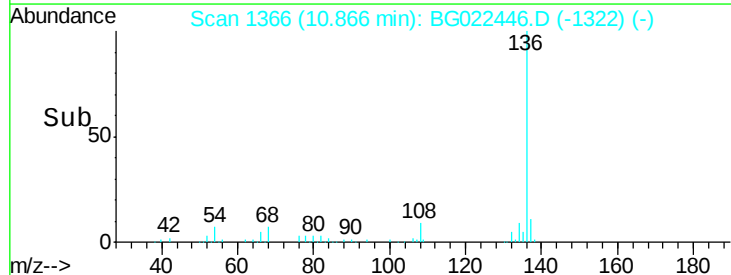
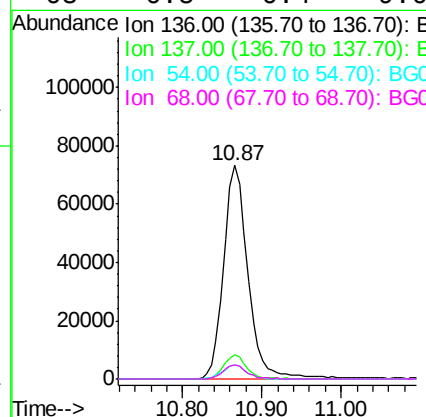
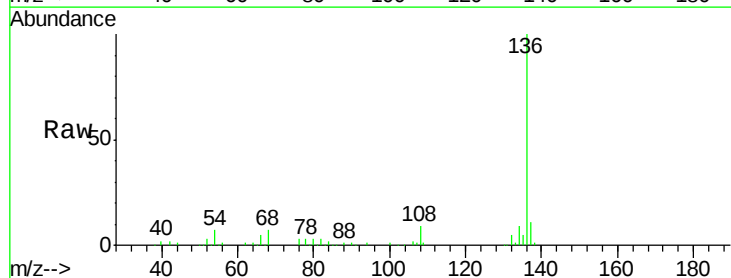
RT: 10.87 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022446.D

Acq: 19 Jun 2016 5:58

Tgt Ion:	136	Resp:	156146
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	9.6	14.4#
68	6.5	6.4	9.6

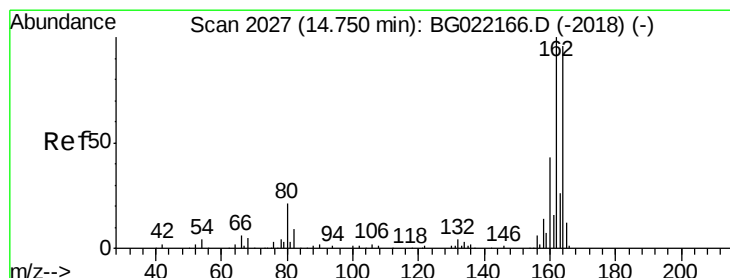
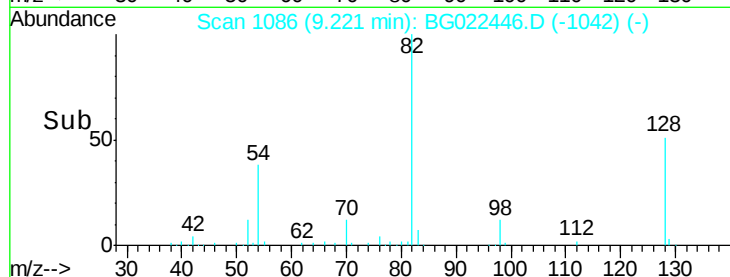
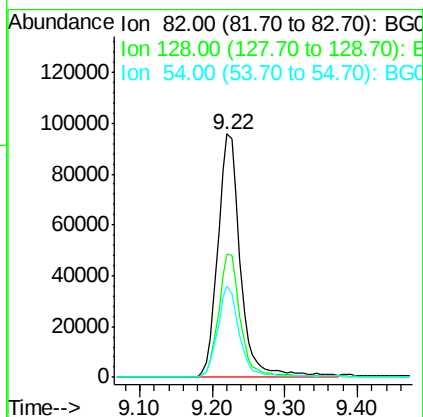
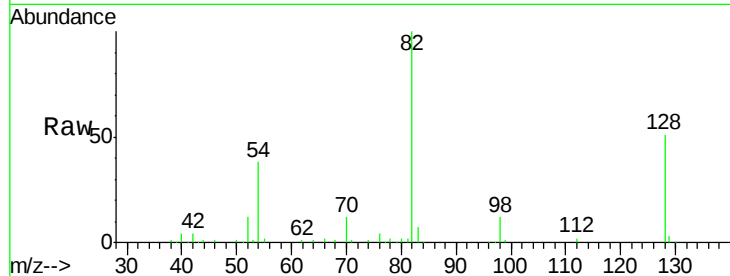




#23
 Nitrobenzene-d5
 Concen: 93.22 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022446.D
 Acq: 19 Jun 2016 5:58

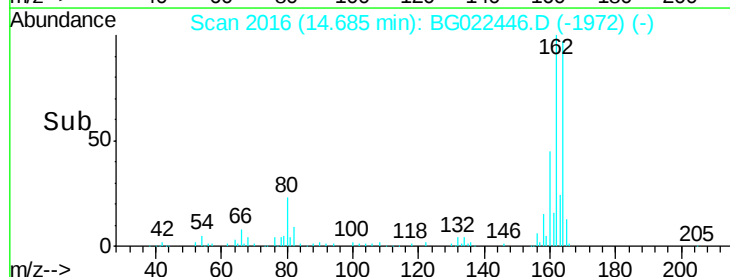
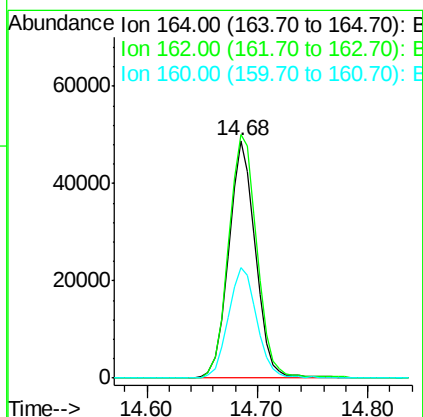
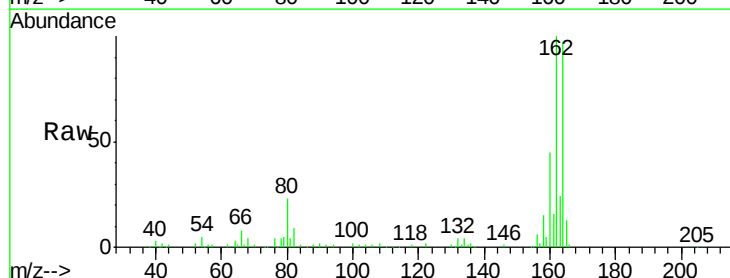
Instrument :
 BNA_G
 ClientSampleId :
 P0-002

Tgt Ion: 82 Resp: 208792
 Ion Ratio Lower Upper
 82 100
 128 50.7 33.4 50.0#
 54 37.6 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022446.D
 Acq: 19 Jun 2016 5:58

Tgt Ion: 164 Resp: 82848
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.0 117.0
 160 46.4 32.9 49.3

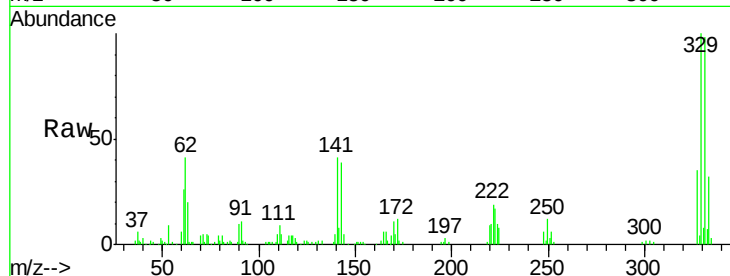




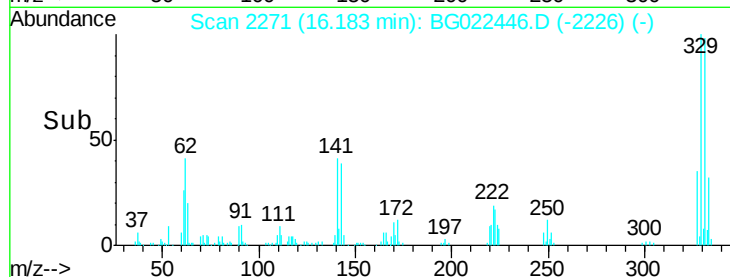
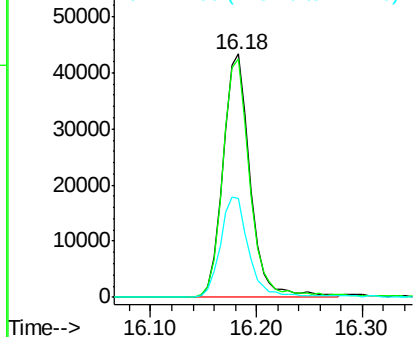
#41
 2,4,6-Tribromophenol
 Concen: 82.30 ng
 RT: 16.18 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BG022446.D
 Acq: 19 Jun 2016 5:58

Instrument :
 BNA_G
 ClientSampleId :
 P0-002

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.0	117.0
141	43.1	33.8	50.8

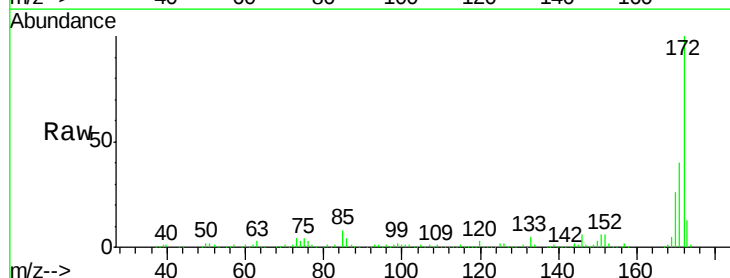


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

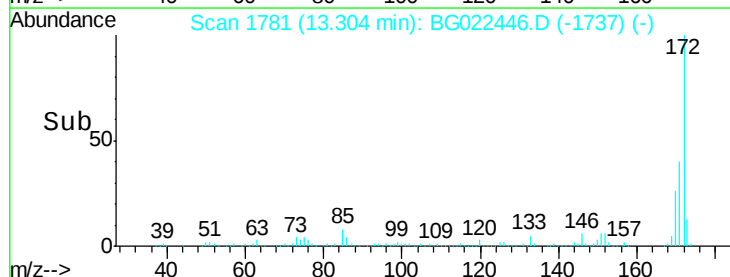
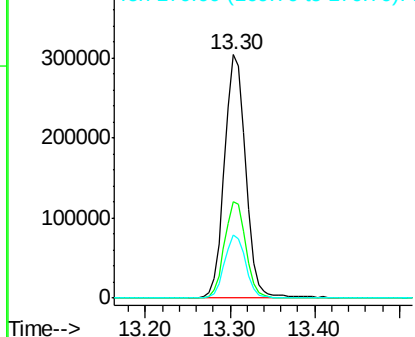


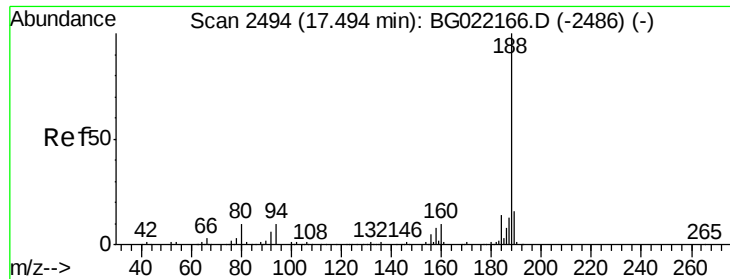
#44
 2-Fluorobiphenyl
 Concen: 97.39 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022446.D
 Acq: 19 Jun 2016 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	27.8	41.6
170	25.9	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: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022446.D

Acq: 19 Jun 2016 5:58

Instrument :

BNA_G

ClientSampleId :

P0-002

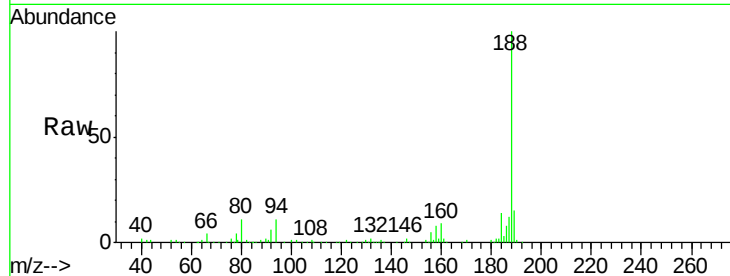
Tgt Ion:188 Resp: 154700

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

80 11.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

120000

100000

80000

60000

40000

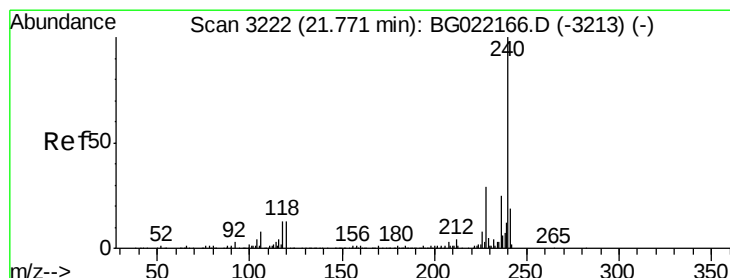
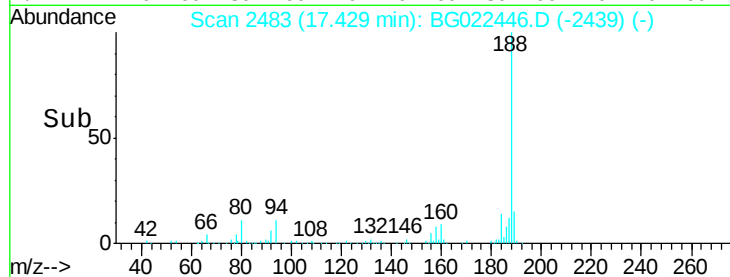
20000

0

17.43

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022446.D

Acq: 19 Jun 2016 5:58

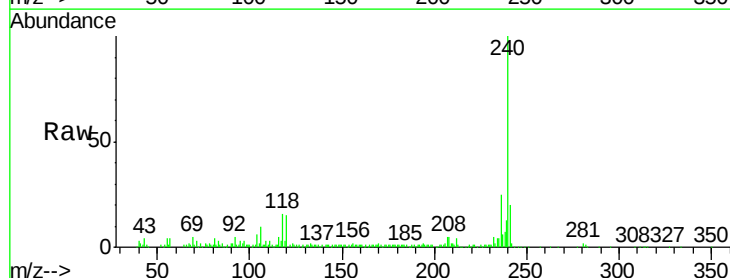
Tgt Ion:240 Resp: 109582

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

236 24.7 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

60000

40000

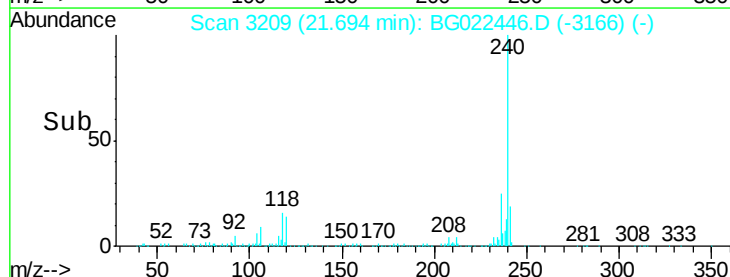
20000

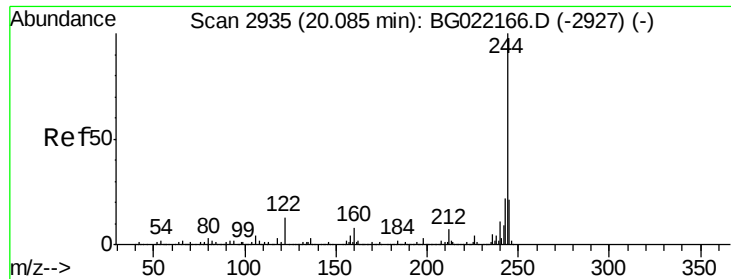
0

21.69

21.60 21.70 21.80

Time-->

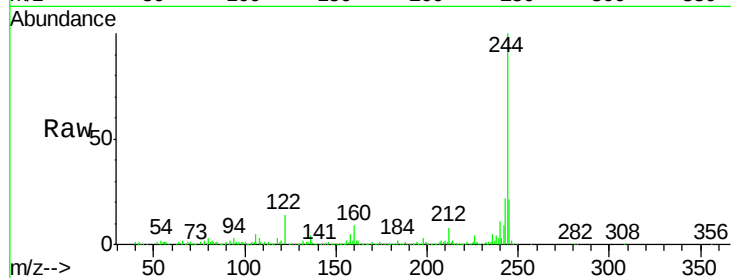




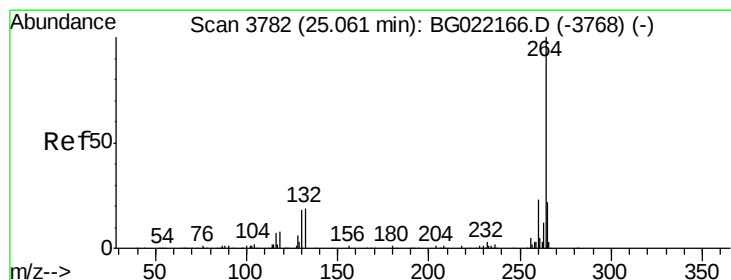
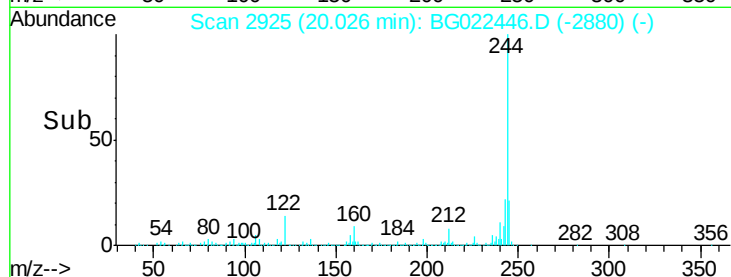
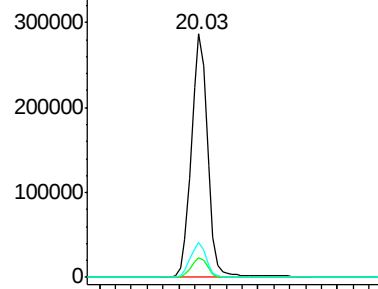
#78
 Terphenyl-d14
 Concen: 89.32 ng
 RT: 20.03 min Scan# 2925
 Delta R.T. -0.03 min
 Lab File: BG022446.D
 Acq: 19 Jun 2016 5:58

Instrument :
 BNA_G
 ClientSampleId :
 P0-002

Tgt Ion:244 Resp: 412270
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 14.2 8.6 12.8#

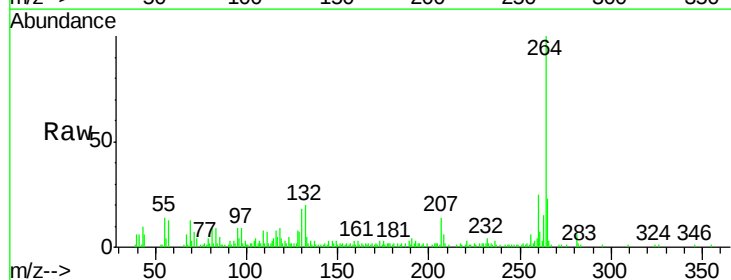


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.96 min Scan# 3764
 Delta R.T. -0.06 min
 Lab File: BG022446.D
 Acq: 19 Jun 2016 5:58

Tgt Ion:264 Resp: 76074
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.4
 265 22.7 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

