

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023408.D
 Acq On : 2 Aug 2016 23:01
 Operator : UM/SJ
 Sample : H4270-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Quant Time: Aug 03 03:31:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	112755	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	532204	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	410906	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1073094	20.00	ng	0.00
75) Chrysene-d12	21.86	240	943644	20.00	ng	0.00
86) Perylene-d12	25.23	264	964029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	493901	73.73	ng	0.00
7) Phenol-d6	7.27	99	483491	46.34	ng	0.00
23) Nitrobenzene-d5	9.29	82	1101432	102.89	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	1024636	170.48	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2373247	97.42	ng	0.00
78) Terphenyl-d14	20.15	244	3225227	113.34	ng	0.00

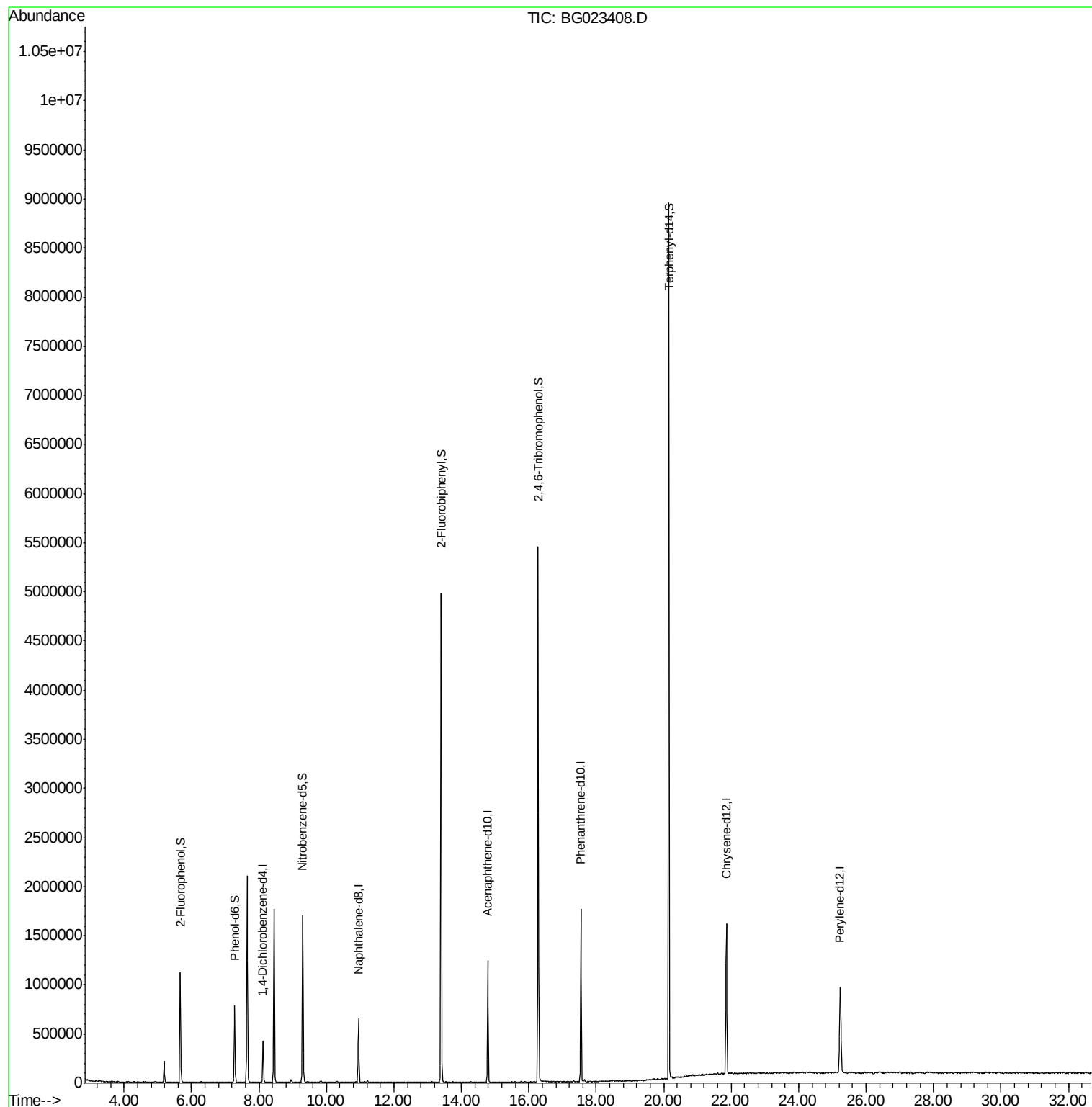
Target Compounds Qvalue

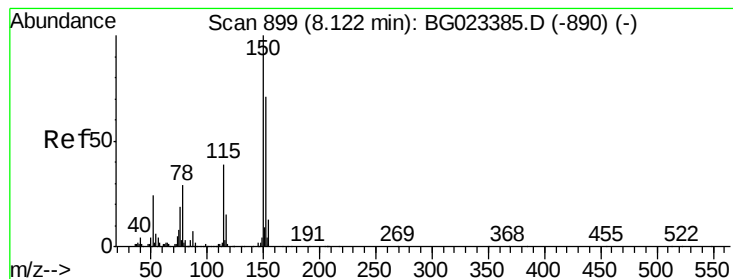
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023408.D
Acq On : 2 Aug 2016 23:01
Operator : UM/SJ
Sample : H4270-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Quant Time: Aug 03 03:31:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

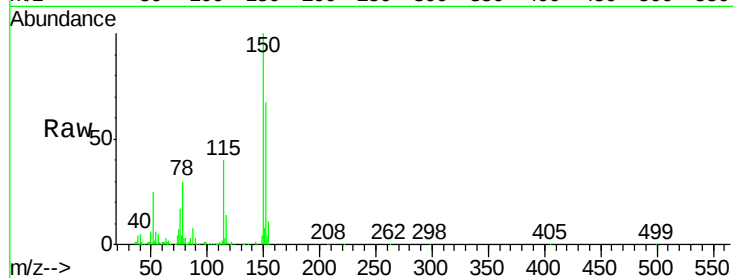
Tot Ion:152 Resp: 112755

Ion Ratio Lower Upper

152 100

150 149.9 144.7 217.1

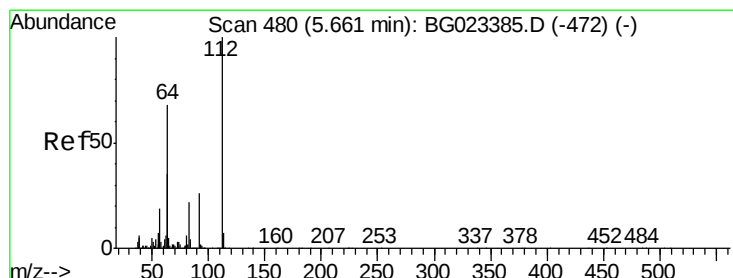
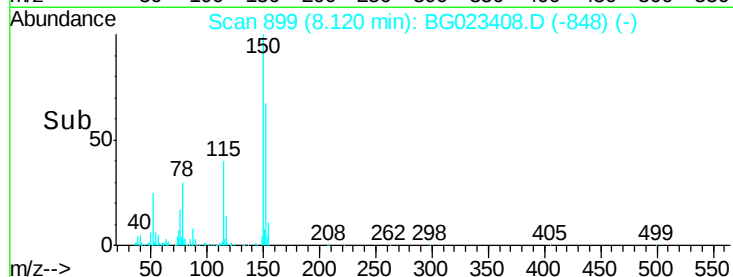
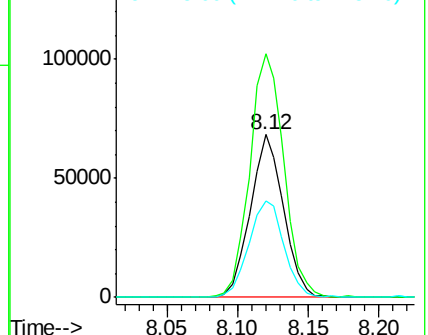
115 59.5 64.0 96.0#



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: 73.73 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

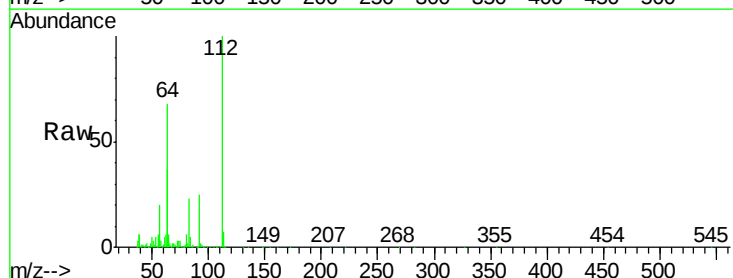
Tgt Ion:112 Resp: 493901

Ion Ratio Lower Upper

112 100

64 67.5 59.0 88.4

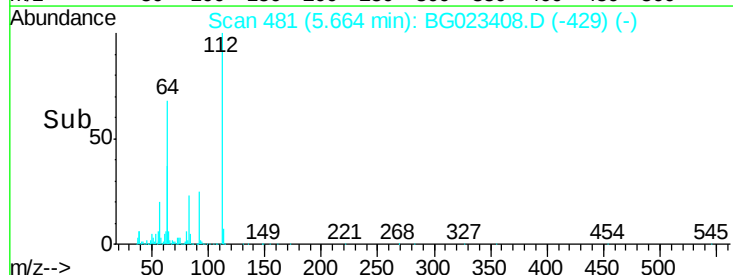
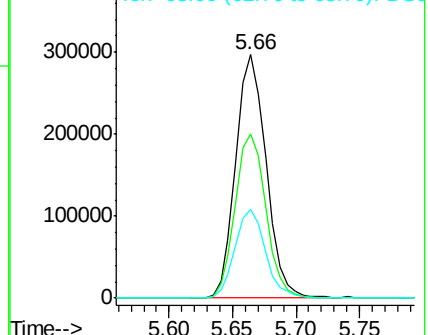
63 36.6 37.8 56.8#

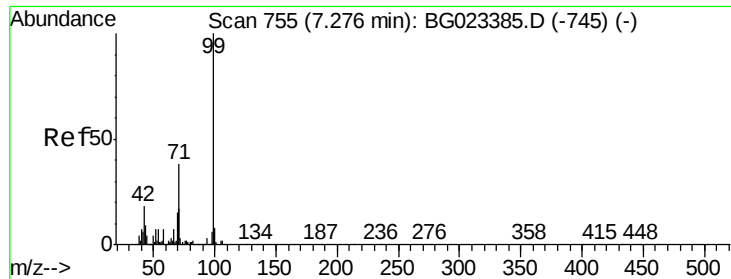


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 46.34 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

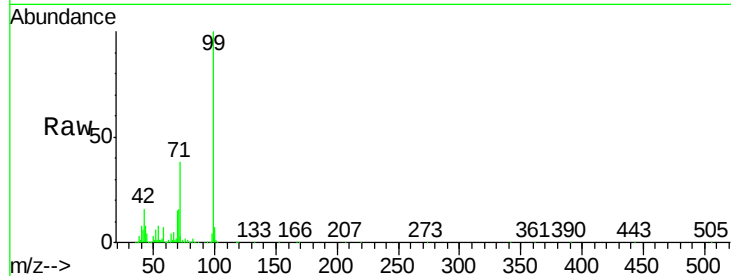
Tot Ion: 99 Resp: 483491

Ion Ratio Lower Upper

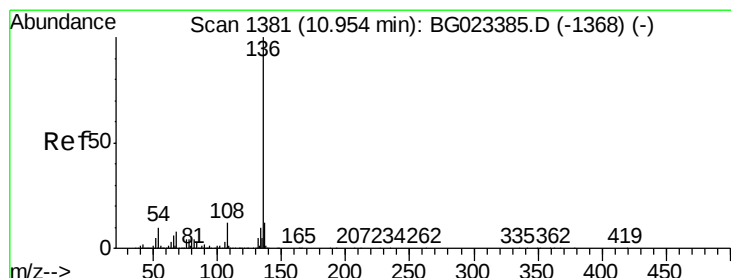
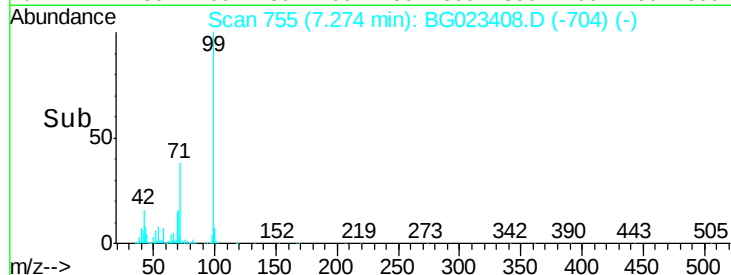
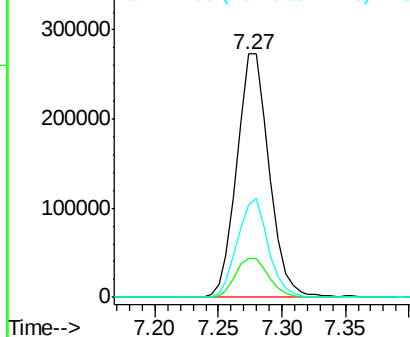
99 100

42 16.0 17.8 26.6#

71 38.2 41.5 62.3#



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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Tgt Ion: 136 Resp: 532204

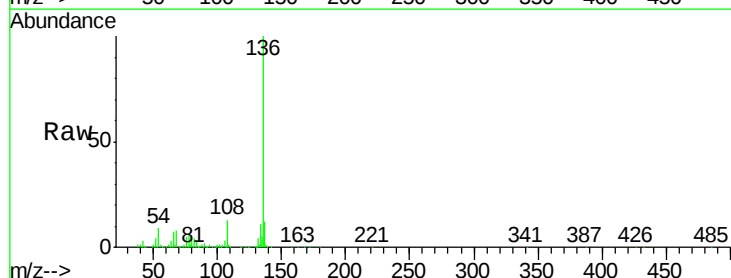
Ion Ratio Lower Upper

136 100

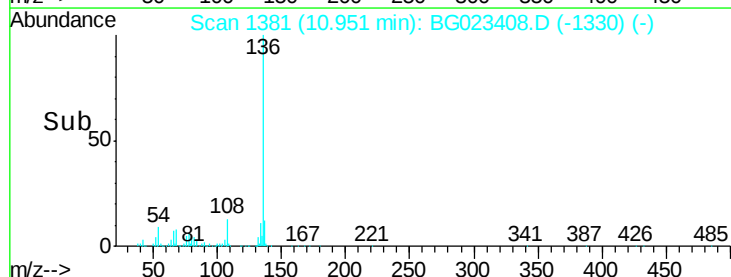
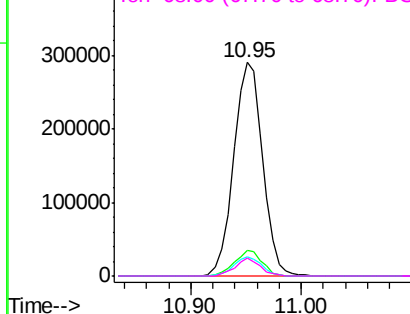
137 12.0 9.6 14.4

54 8.8 7.3 10.9

68 8.3 5.3 7.9#



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

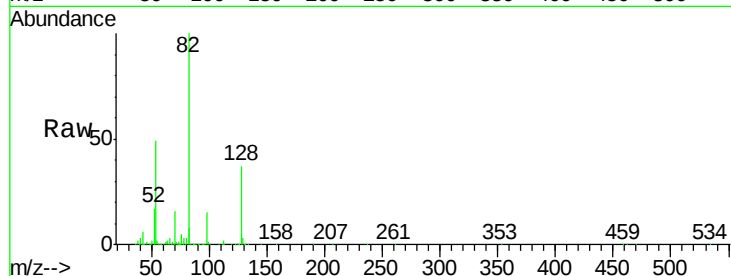




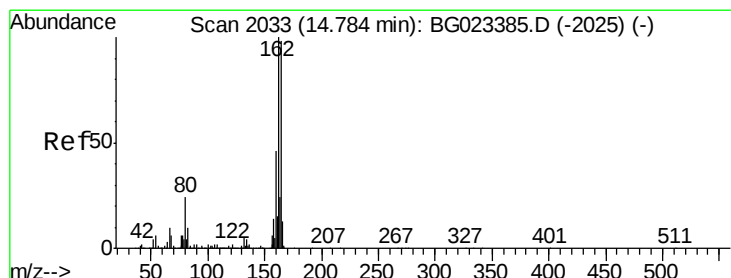
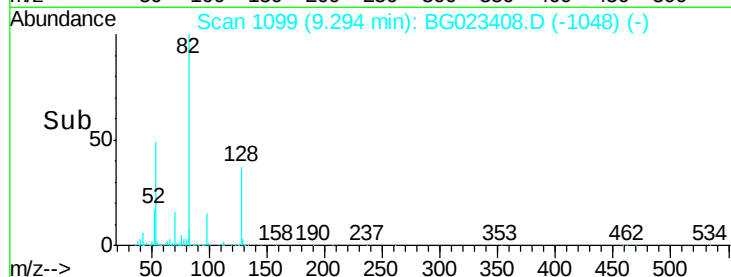
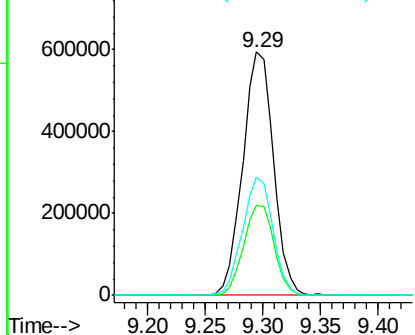
#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tot Ion: 82 Resp: 1101432
Ion Ratio Lower Upper
82 100
128 36.9 24.4 36.6#
54 48.7 41.4 62.0

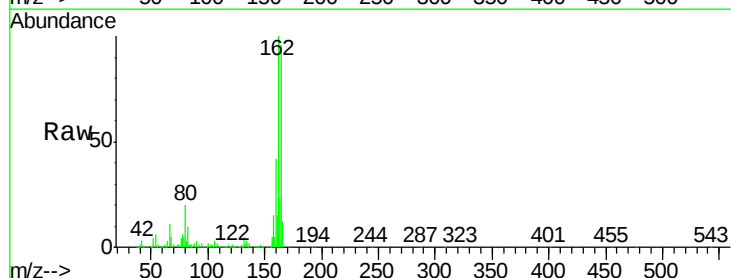


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

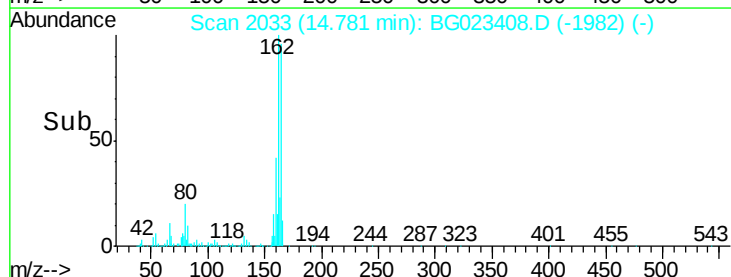
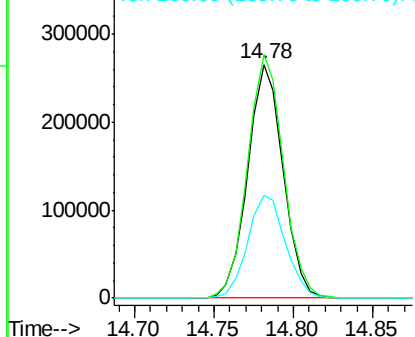


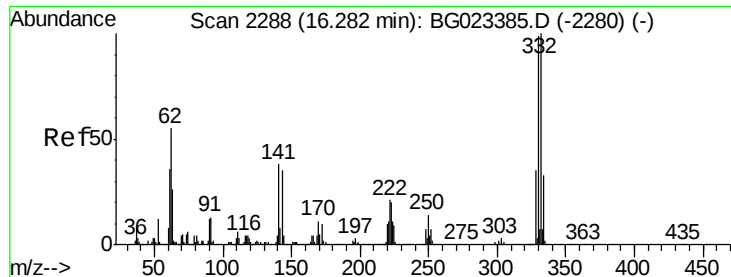
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Tgt Ion:164 Resp: 410906
Ion Ratio Lower Upper
164 100
162 104.3 87.7 131.5
160 44.3 37.2 55.8



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: 170.48 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

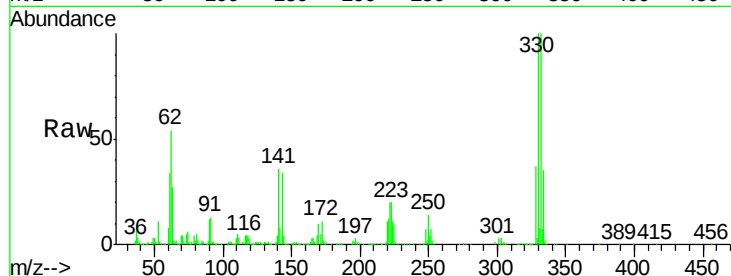
Tot Ion:330 Resp: 1024636

Ion Ratio Lower Upper

330 100

332 100.4 77.4 116.2

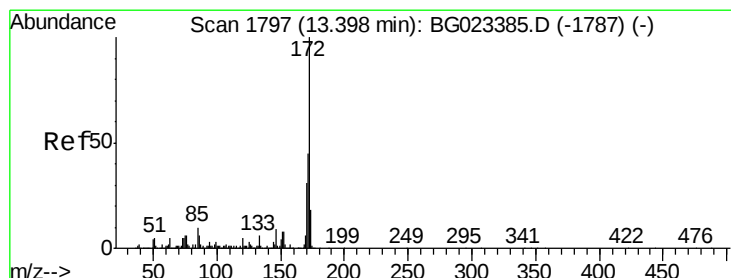
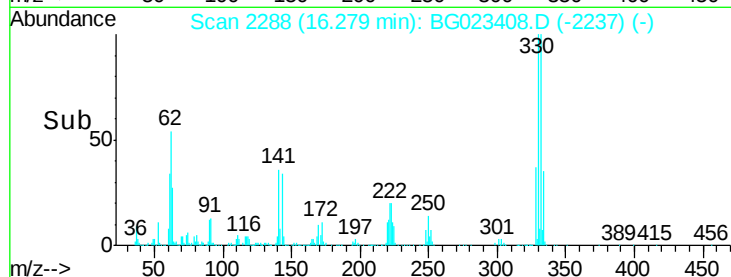
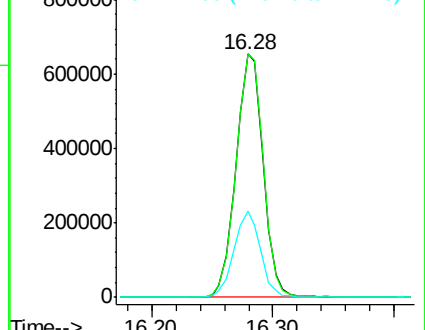
141 34.9 31.7 47.5



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: 97.42 ng

RT: 13.40 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

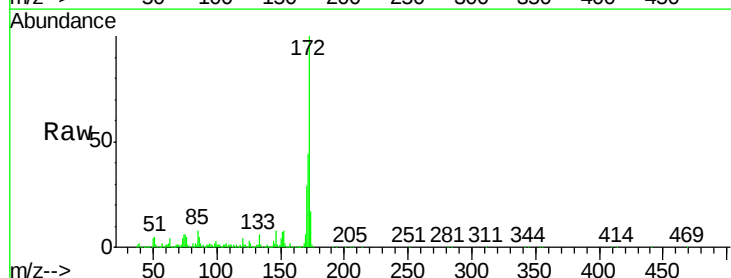
Tgt Ion:172 Resp: 2373247

Ion Ratio Lower Upper

172 100

171 43.8 31.6 47.4

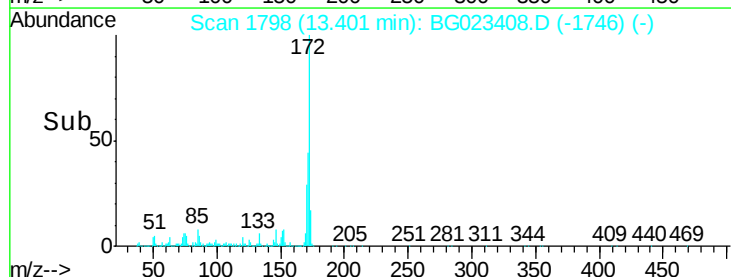
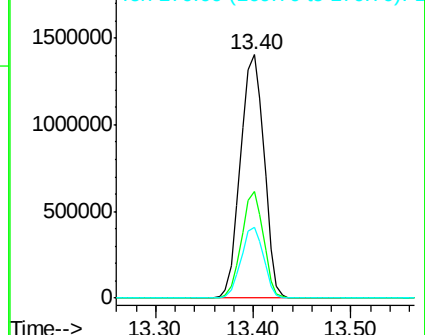
170 29.1 21.3 31.9

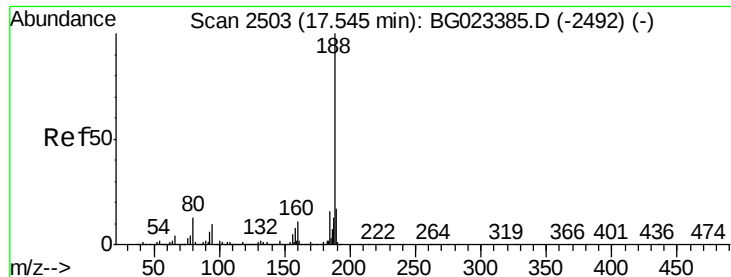


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

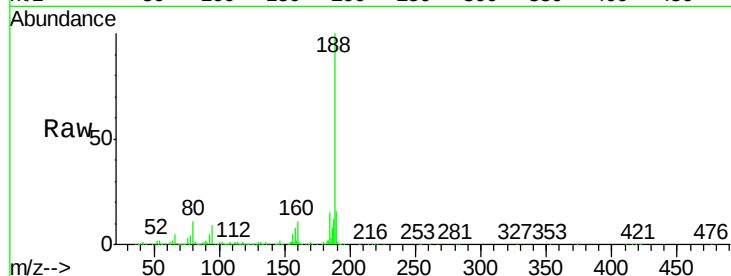




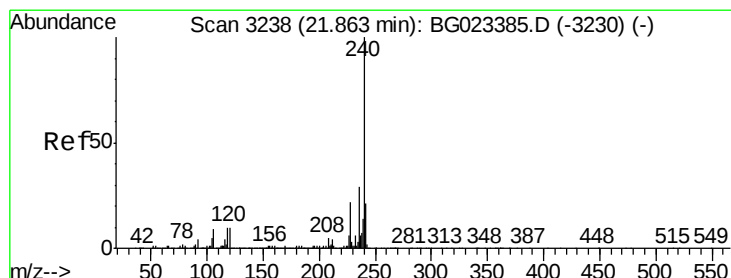
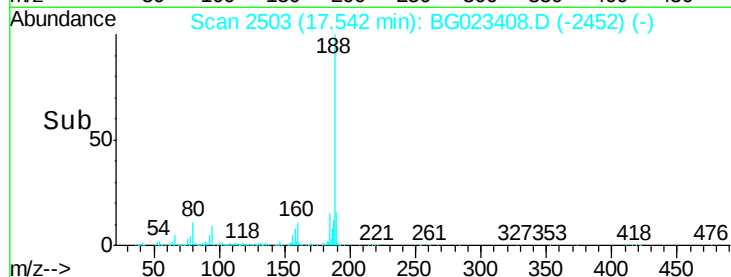
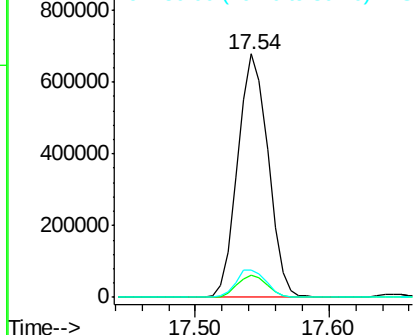
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tot Ion:188 Resp: 1073094
Ion Ratio Lower Upper
188 100
94 9.1 5.2 7.8#
80 11.4 7.2 10.8#

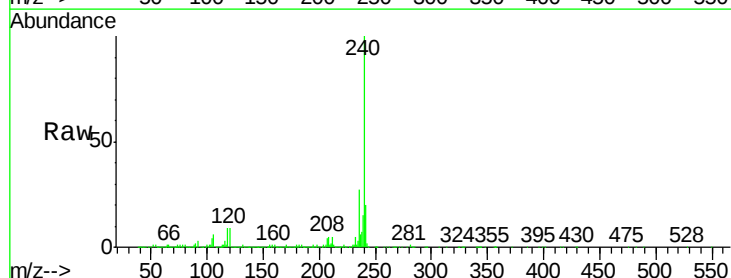


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

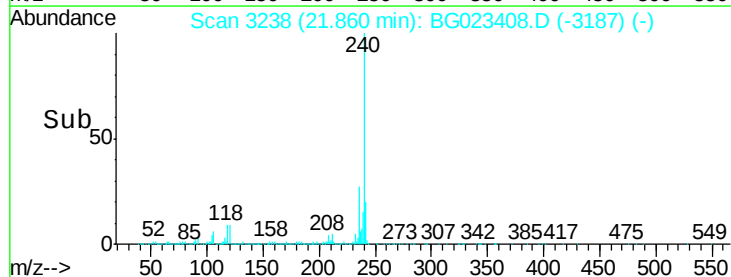
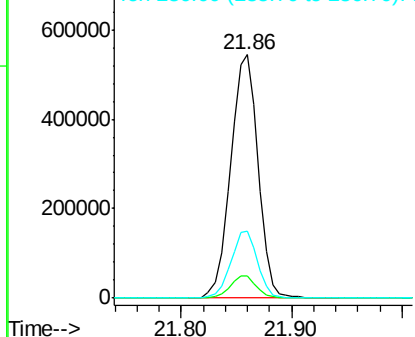


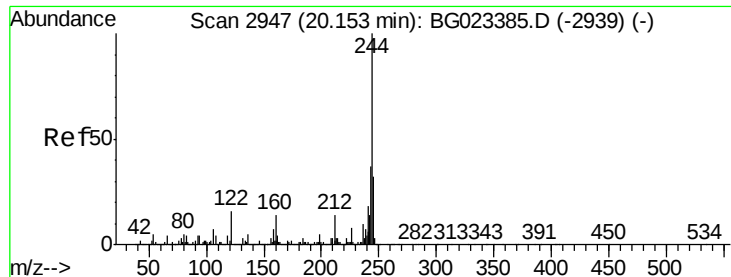
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Tgt Ion:240 Resp: 943644
Ion Ratio Lower Upper
240 100
120 8.9 4.1 6.1#
236 27.5 21.1 31.7



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: 113.34 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

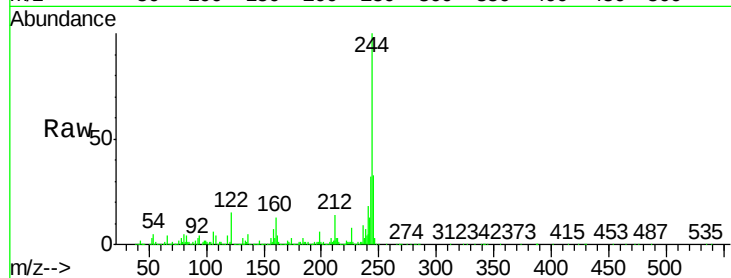
Tot Ion:244 Resp: 3225227

Ion Ratio Lower Upper

244 100

212 14.0 10.8 16.2

122 15.0 8.0 12.0#



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

20.15

2500000

2000000

1500000

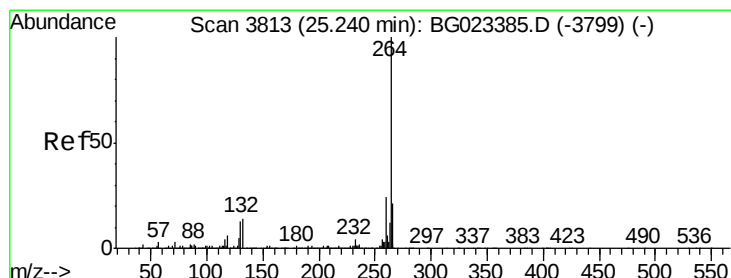
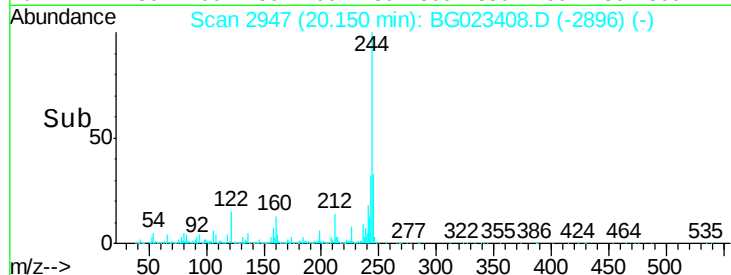
1000000

500000

0

Time-->

20.10 20.15 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

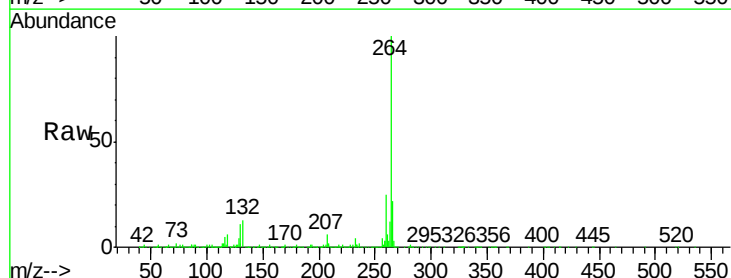
Tgt Ion:264 Resp: 964029

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 22.1 18.9 28.3



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

25.23

400000

300000

200000

100000

0

Time-->

25.10 25.20 25.30

