

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023733.D
 Acq On : 16 Aug 2016 18:40
 Operator : UM/SJ
 Sample : H4287-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

Quant Time: Aug 17 01:26:37 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

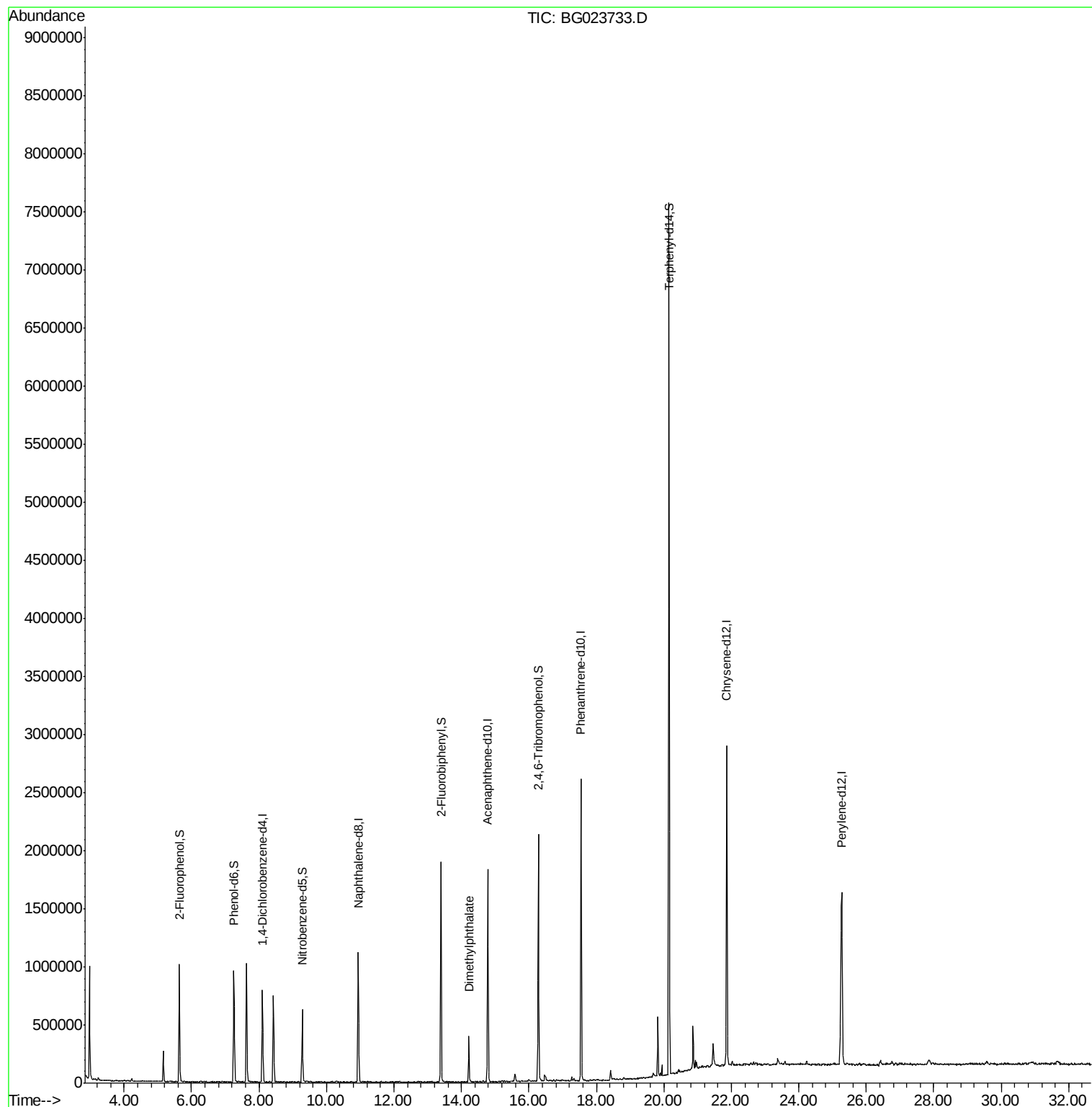
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	202596	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	910157	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	633135	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1494336	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1623545	20.00	ng	0.00
86) Perylene-d12	25.27	264	1659600	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	431399	35.84	ng	-0.02
7) Phenol-d6	7.26	99	576919	30.77	ng	-0.02
23) Nitrobenzene-d5	9.28	82	420172	22.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	403733	43.60	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	982184	26.17	ng	0.00
78) Terphenyl-d14	20.16	244	2705310	42.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	251811	5.18	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: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

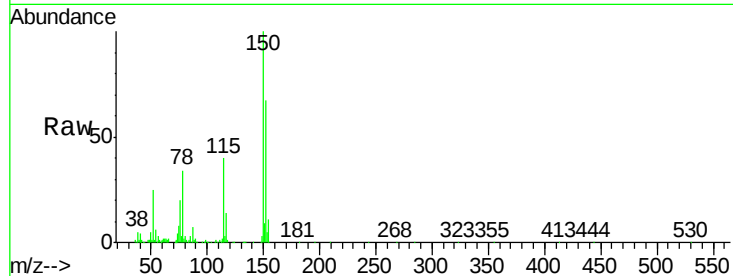
Tgt Ion:152 Resp: 202596

Ion Ratio Lower Upper

152 100

150 149.8 144.7 217.1

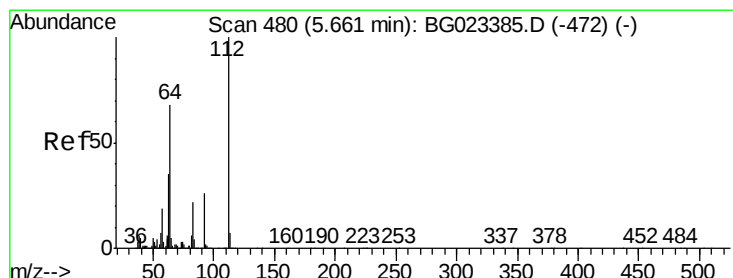
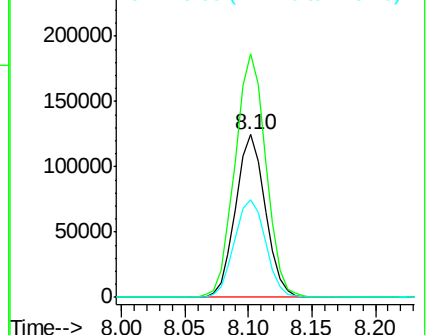
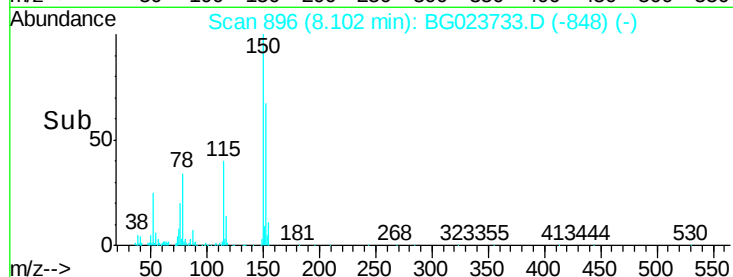
115 60.4 64.0 96.0#



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: 35.84 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

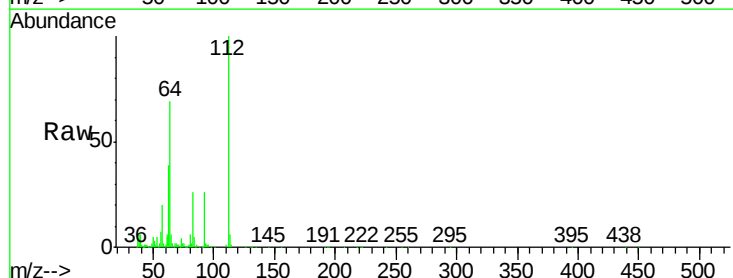
Tgt Ion:112 Resp: 431399

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

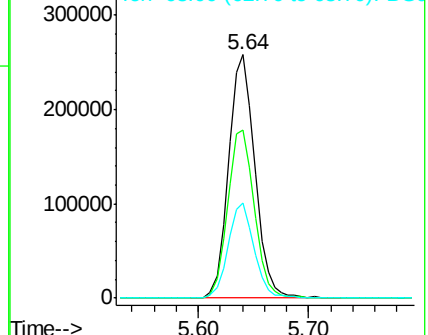
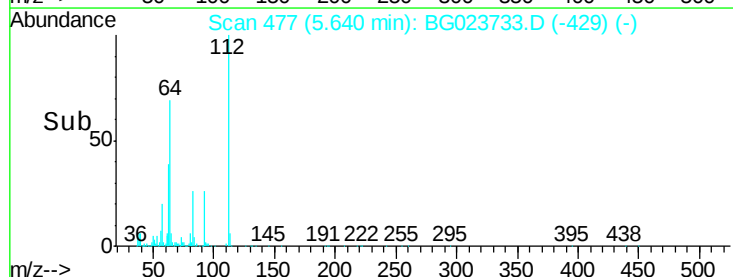
63 39.3 37.8 56.8

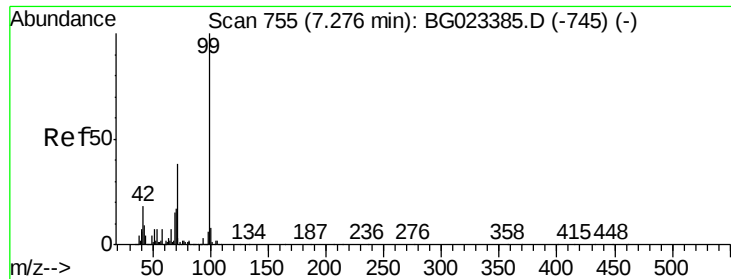


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.77 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

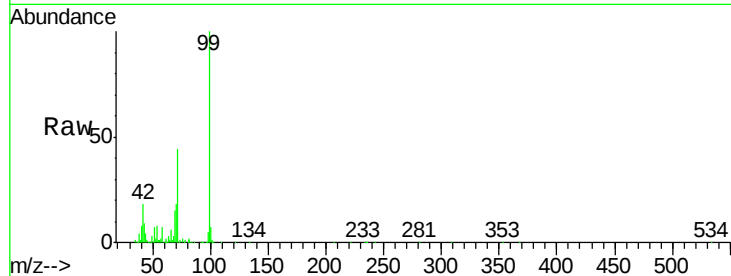
Tgt Ion: 99 Resp: 576919

Ion Ratio Lower Upper

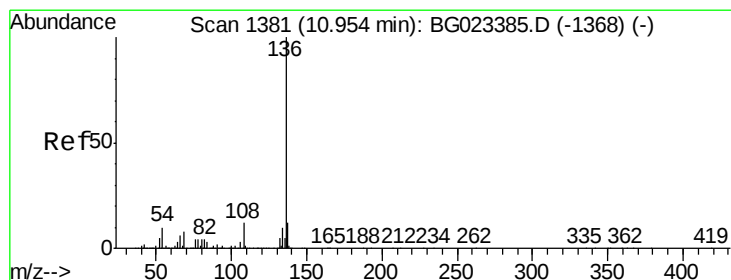
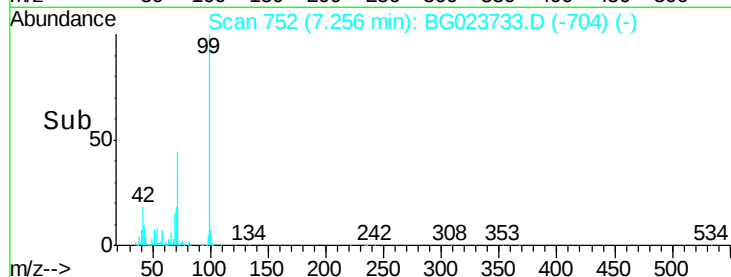
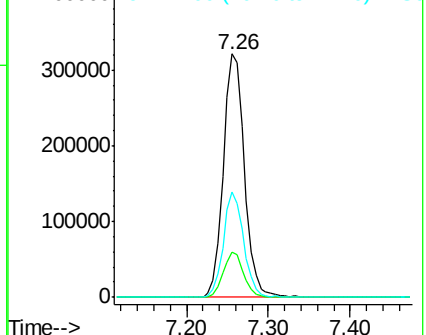
99 100

42 18.5 17.8 26.6

71 43.5 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Tgt Ion: 136 Resp: 910157

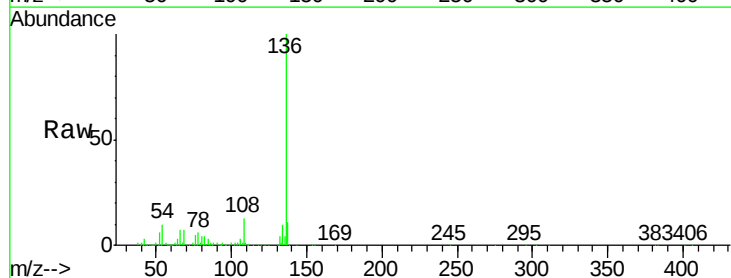
Ion Ratio Lower Upper

136 100

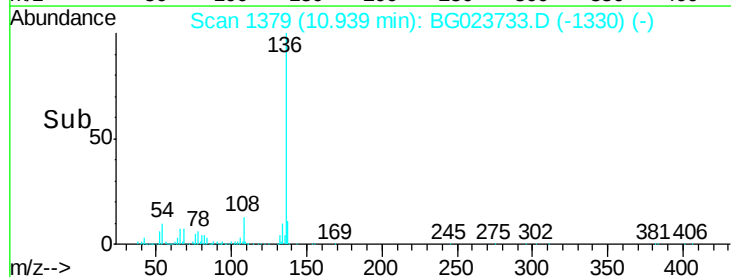
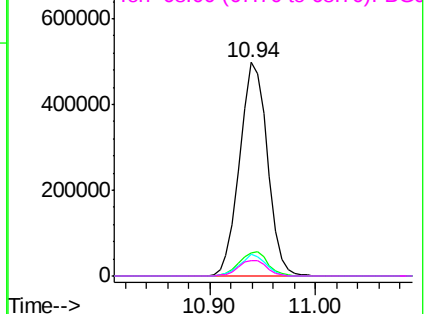
137 11.0 9.6 14.4

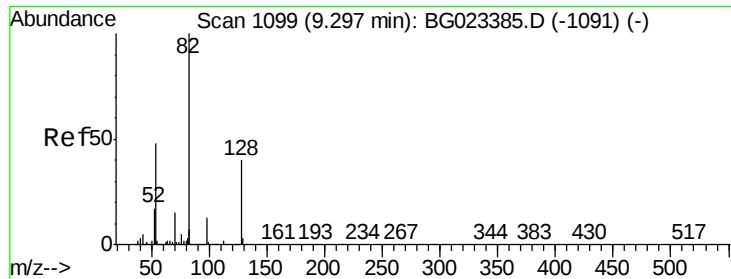
54 10.0 7.3 10.9

68 7.2 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

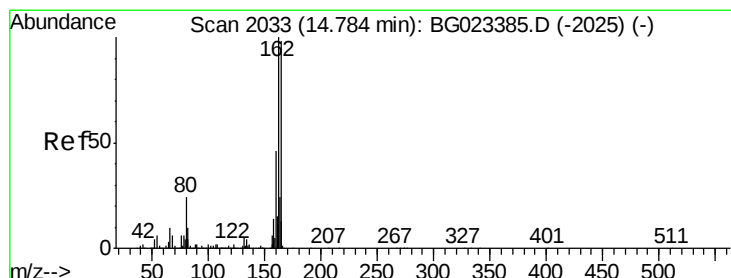
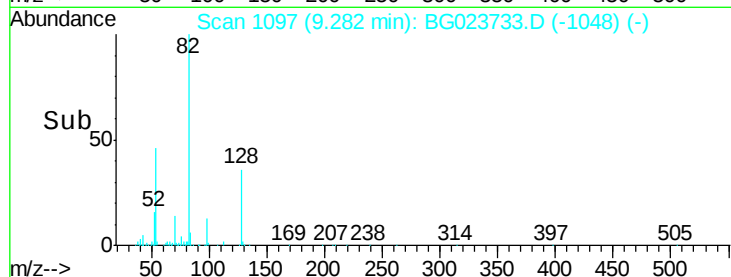
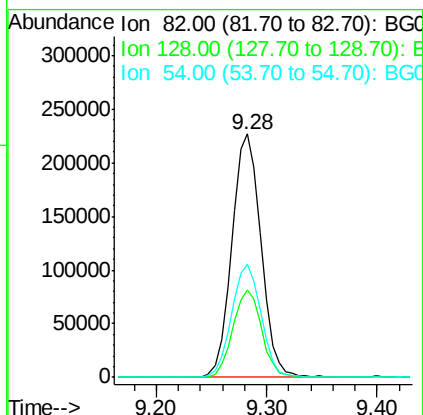
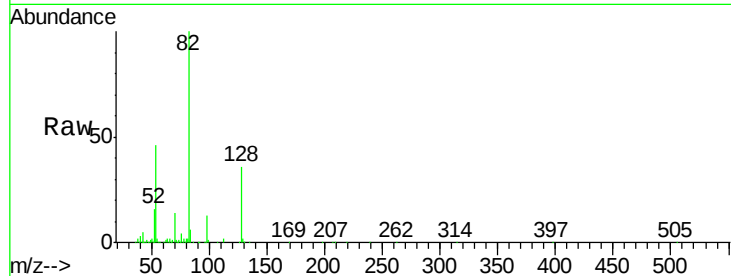




#23
 Nitrobenzene-d5
 Concen: 22.95 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023733.D
 Acq: 16 Aug 2016 18:40

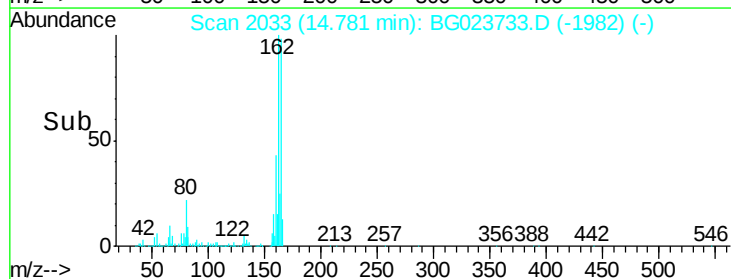
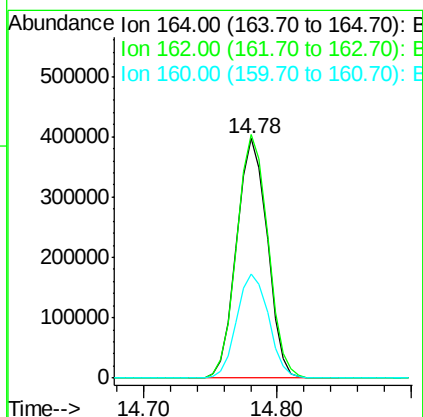
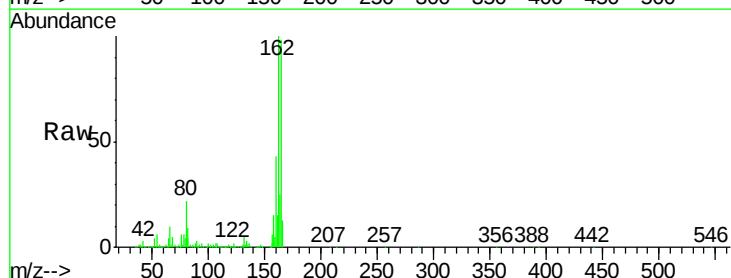
Instrument :
 BNA_G
 ClientSampleId :
 SB-58-14.0-15.0RE

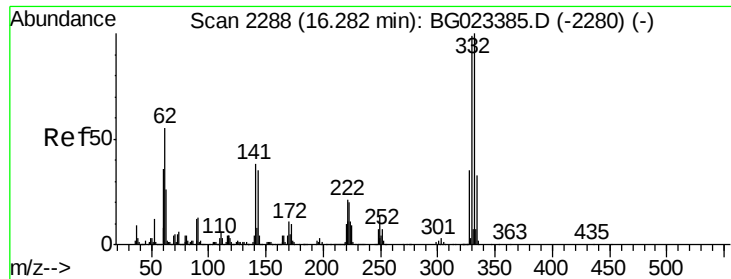
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	46.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023733.D
 Acq: 16 Aug 2016 18:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	87.7	131.5
160	43.4	37.2	55.8

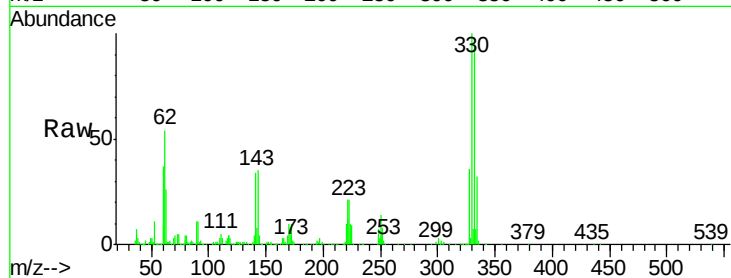




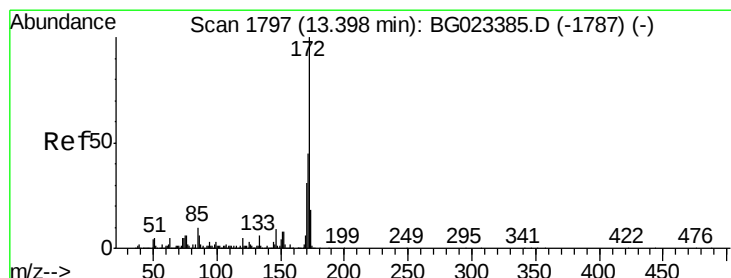
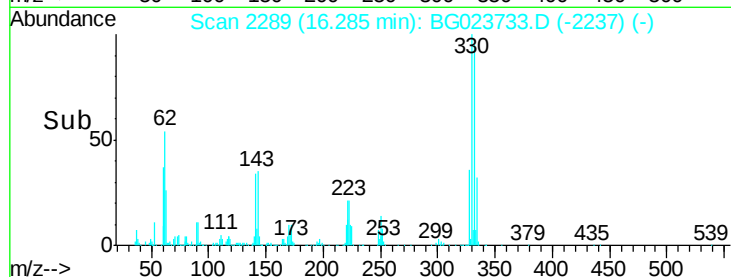
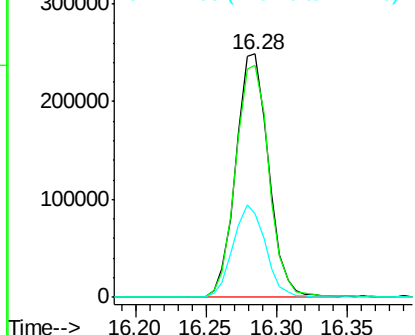
#41
2,4,6-Tribromophenol
Concen: 43.60 ng
RT: 16.28 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion:330 Resp: 403733
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 37.5 31.7 47.5

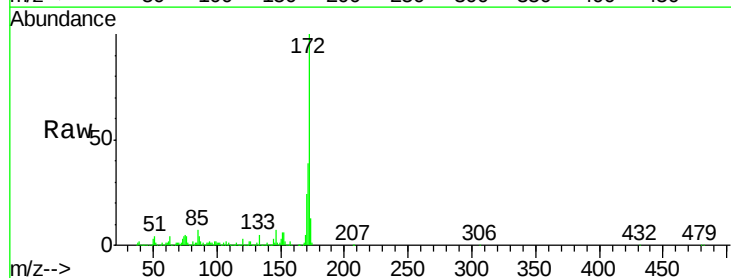


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

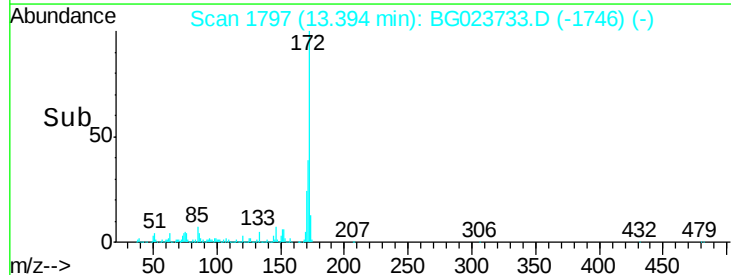
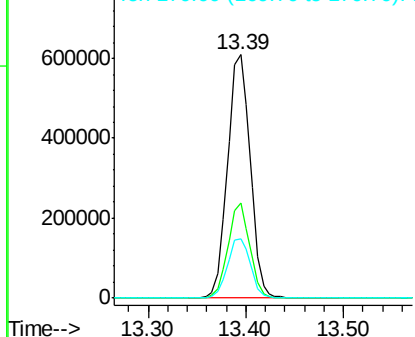


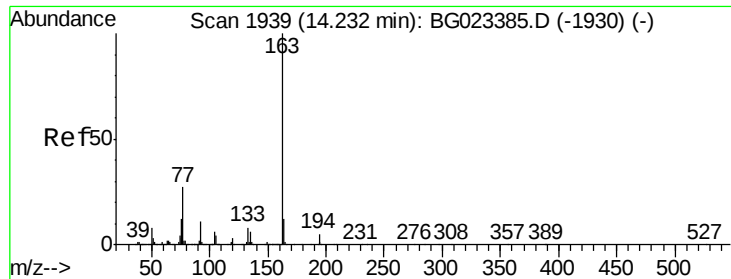
#44
2-Fluorobiphenyl
Concen: 26.17 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:172 Resp: 982184
Ion Ratio Lower Upper
172 100
171 39.3 31.6 47.4
170 24.2 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





#49

Dimethylphthalate

Concen: 5.18 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

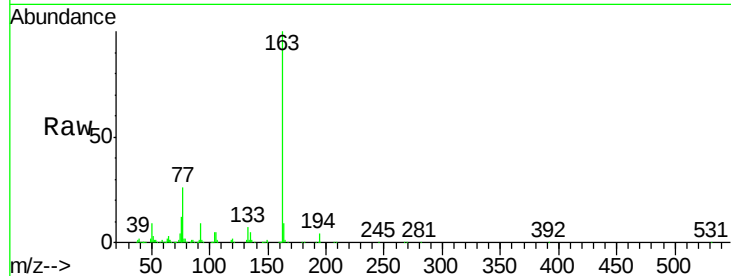
Tgt Ion:163 Resp: 251811

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

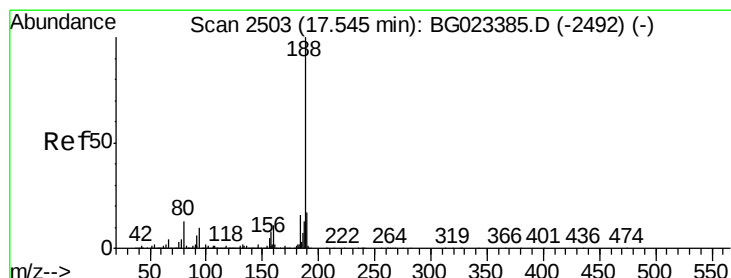
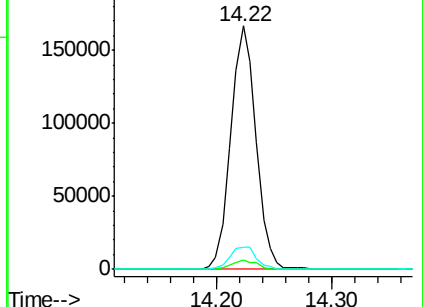
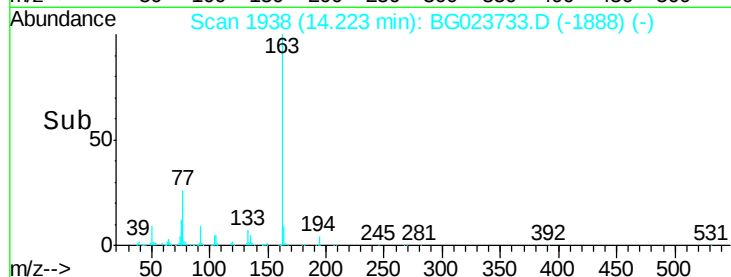
164 9.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

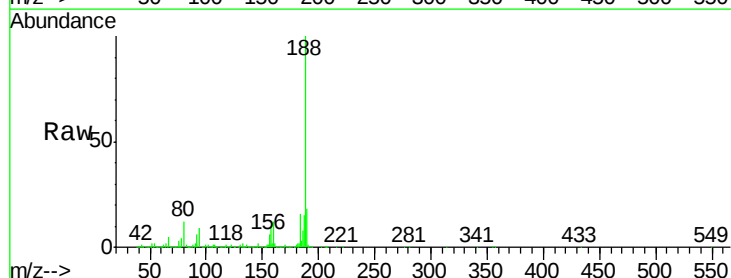
Tgt Ion:188 Resp: 1494336

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

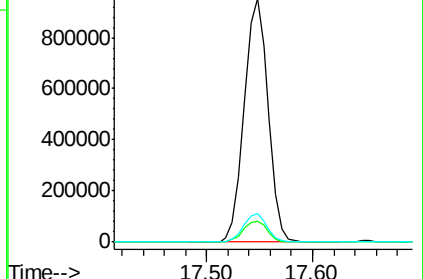
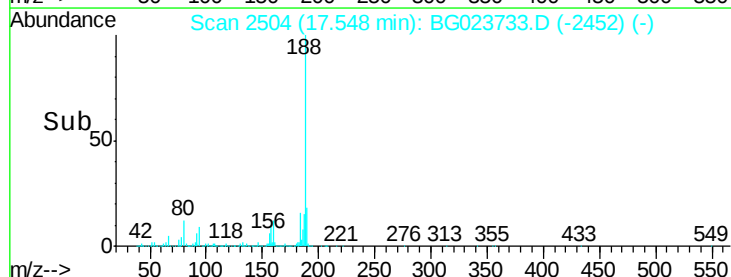
80 12.0 7.2 10.8#

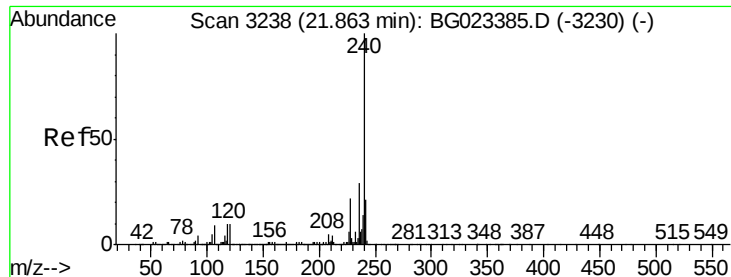


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.87 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

Instrument :

BNA_G

ClientSampleId :

SB-58-14.0-15.0RE

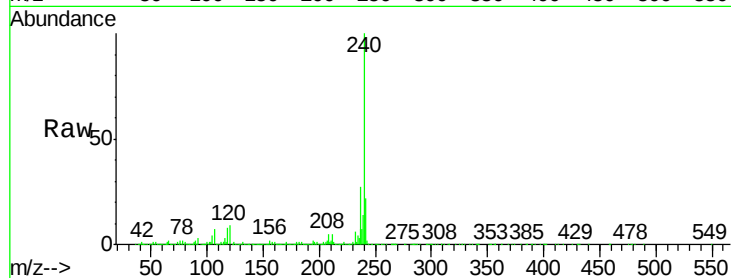
Tgt Ion:240 Resp: 1623545

Ion Ratio Lower Upper

240 100

120 8.6 4.1 6.1#

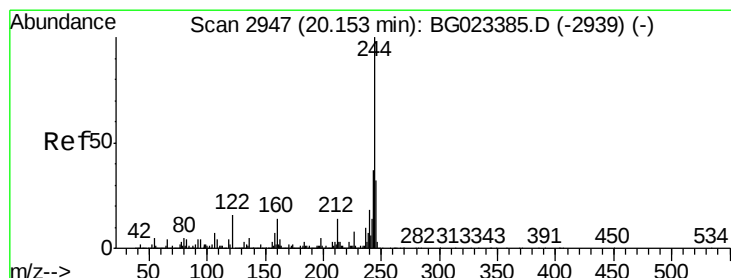
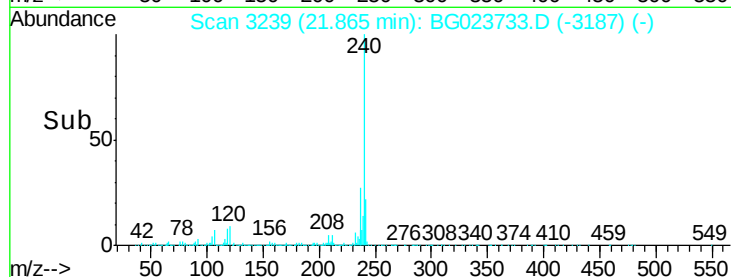
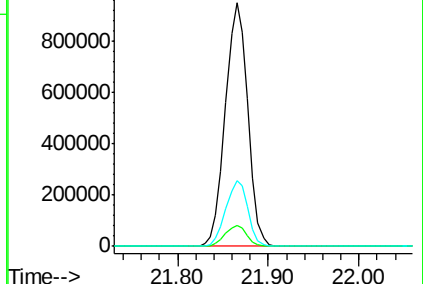
236 27.2 21.1 31.7



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: 42.59 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023733.D

Acq: 16 Aug 2016 18:40

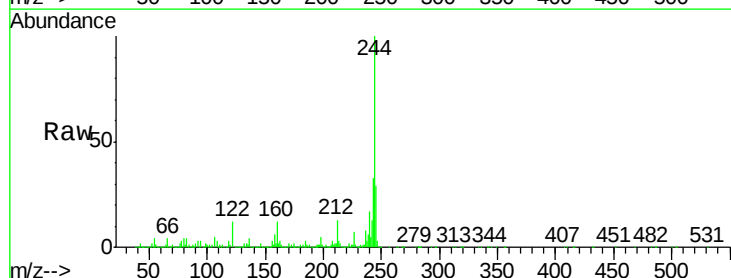
Tgt Ion:244 Resp: 2705310

Ion Ratio Lower Upper

244 100

212 13.2 10.8 16.2

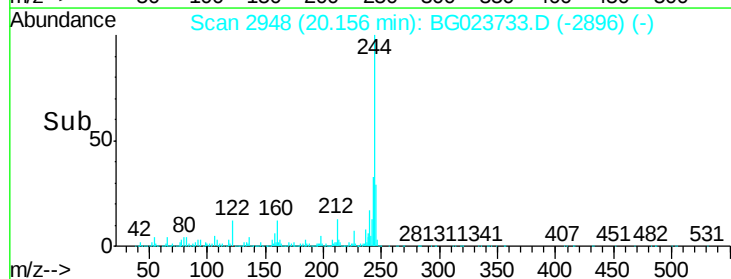
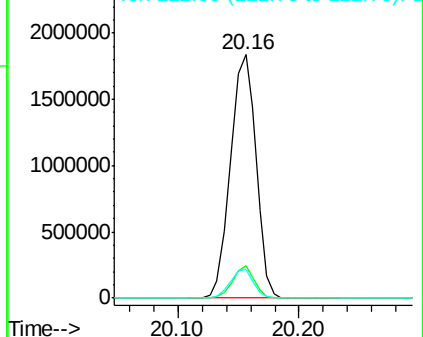
122 11.8 8.0 12.0

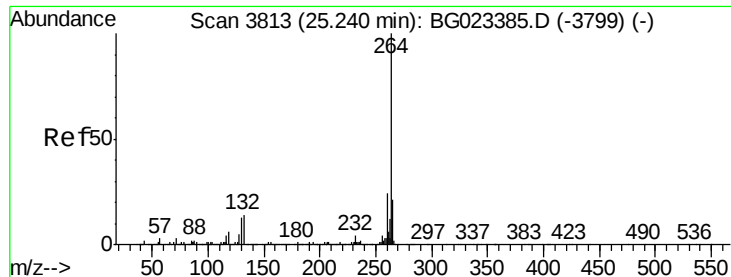


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion: 264 Resp: 1659600

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.9	18.9	28.3

