

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023443.D
 Acq On : 4 Aug 2016 2:42
 Operator : UM/SJ
 Sample : H4287-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-58-18.0-19.0

Quant Time: Aug 04 03:50:24 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

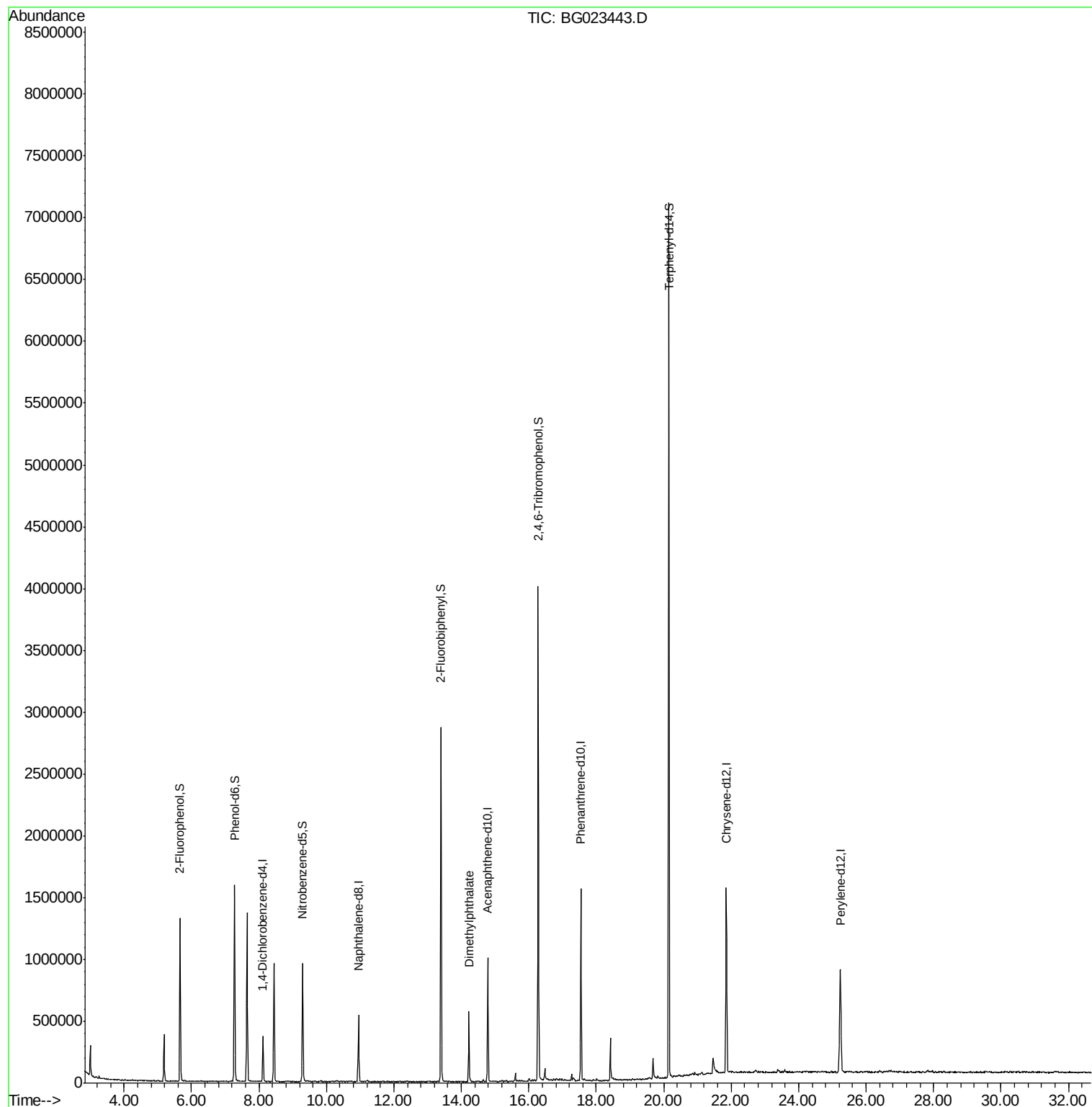
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	102271	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	457903	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	342664	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	929652	20.00	ng	0.00
75) Chrysene-d12	21.86	240	954487	20.00	ng	0.00
86) Perylene-d12	25.23	264	905269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	559160	92.03	ng	0.00
7) Phenol-d6	7.27	99	965829	102.06	ng	0.00
23) Nitrobenzene-d5	9.29	82	629166	68.31	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	731278	145.90	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1471430	72.43	ng	0.00
78) Terphenyl-d14	20.15	244	2764680	92.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	349593	13.30	ng	Qvalue 100

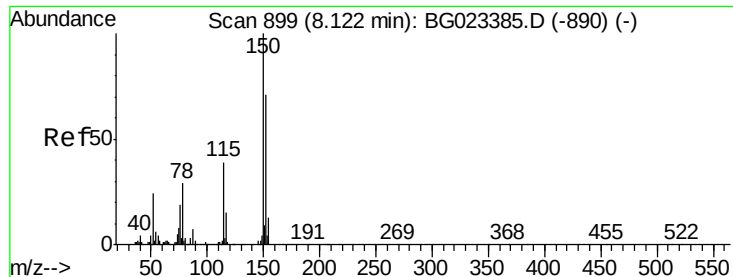
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023443.D

Acq: 4 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

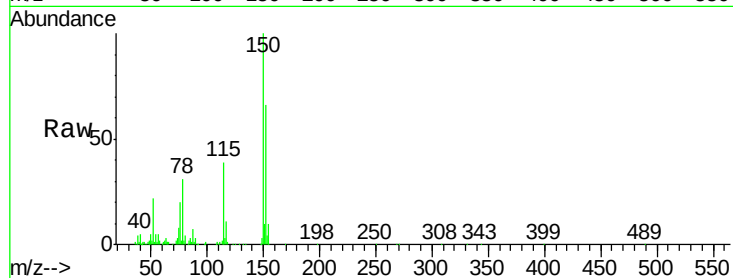
Tot Ion:152 Resp: 102271

Ion Ratio Lower Upper

152 100

150 150.6 144.7 217.1

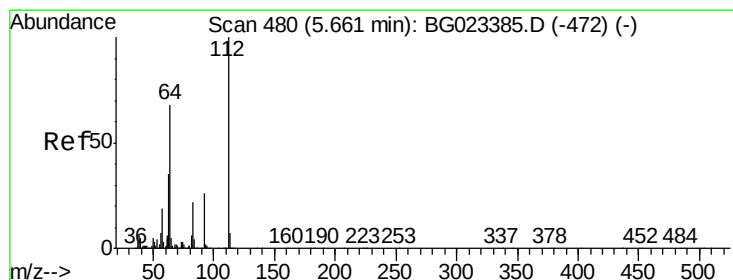
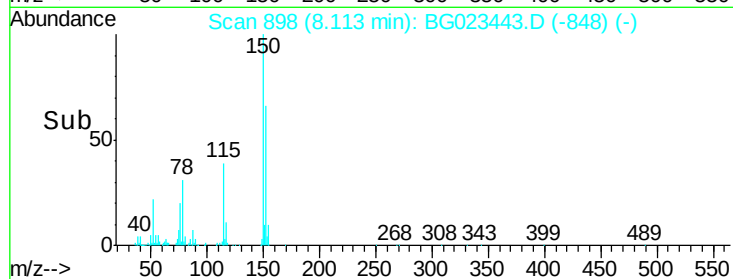
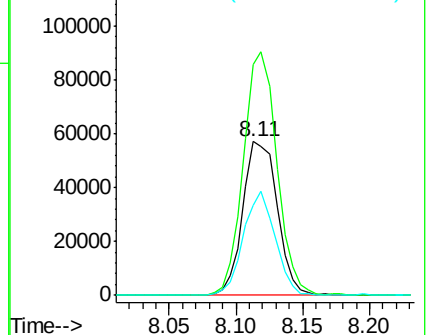
115 58.3 64.0 96.0#



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: 92.03 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

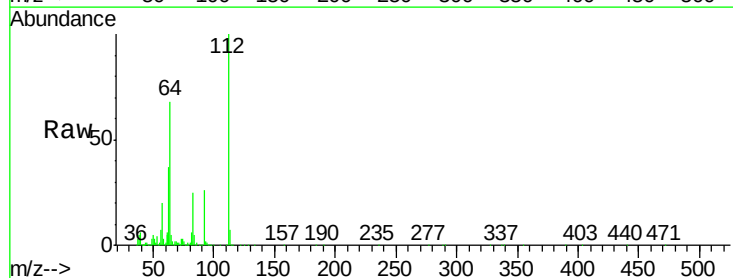
Tgt Ion:112 Resp: 559160

Ion Ratio Lower Upper

112 100

64 68.1 59.0 88.4

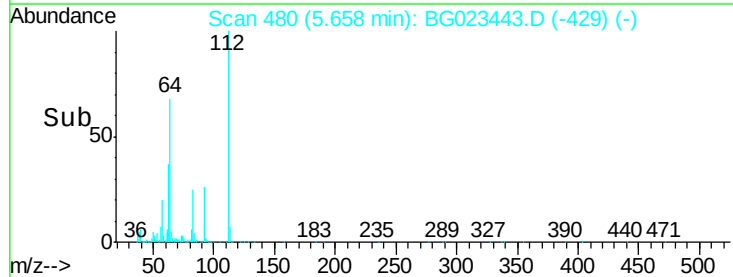
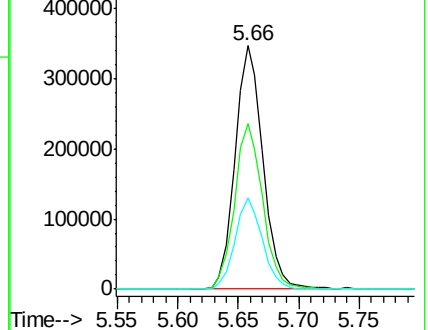
63 37.3 37.8 56.8#

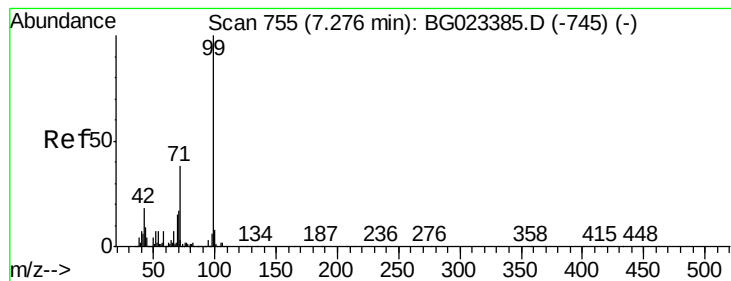


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.06 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

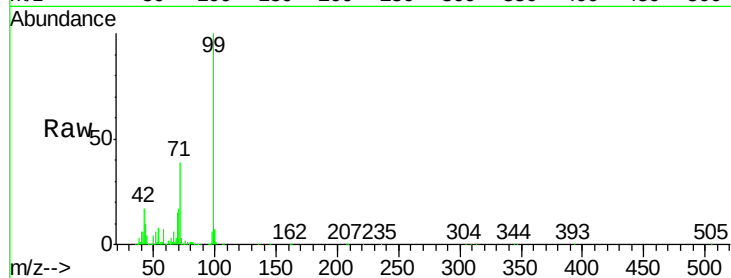
Tot Ion: 99 Resp: 965829

Ion Ratio Lower Upper

99 100

42 16.6 17.8 26.6#

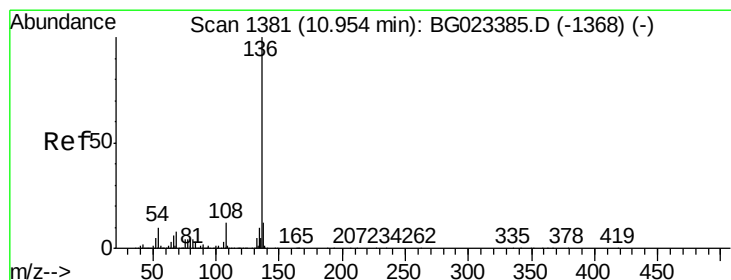
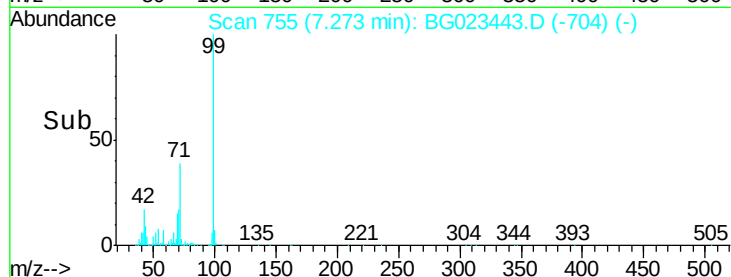
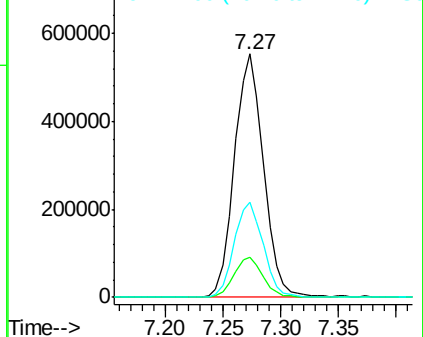
71 39.1 41.5 62.3#



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: BG023443.D

Acq: 4 Aug 2016 2:42

Tgt Ion: 136 Resp: 457903

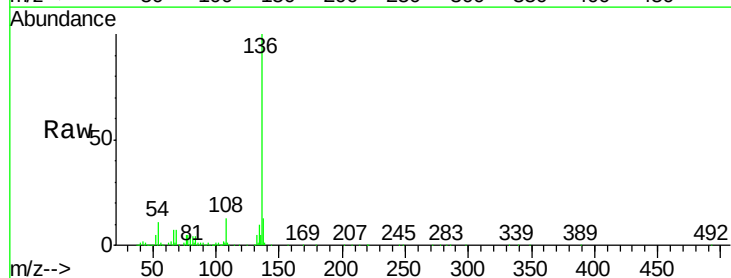
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 10.6 7.3 10.9

68 7.1 5.3 7.9

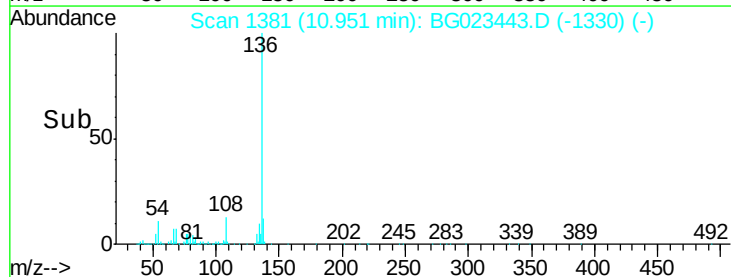
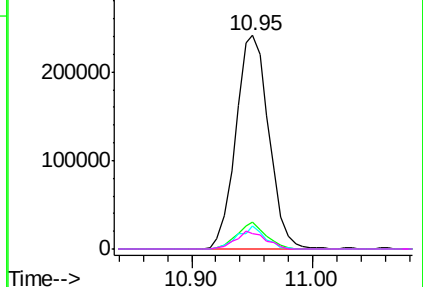


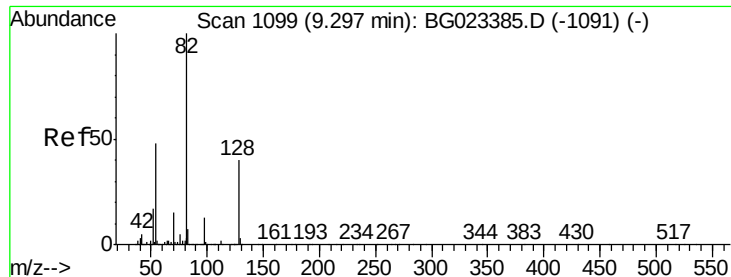
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

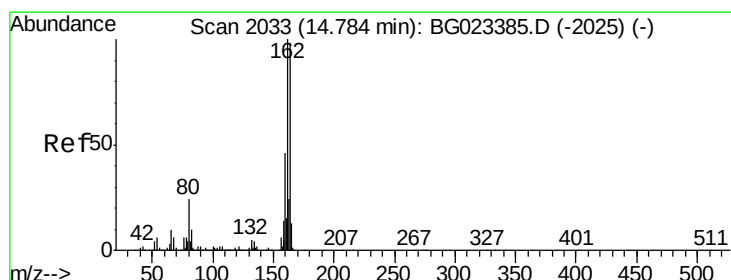
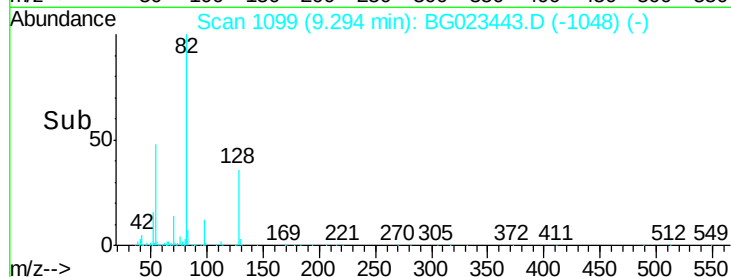
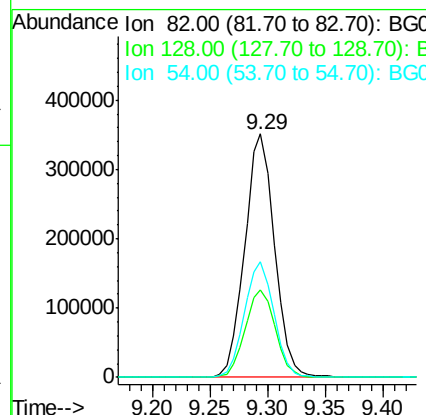
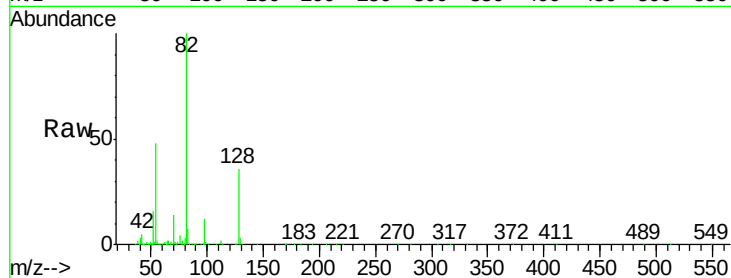




#23
 Nitrobenzene-d5
 Concen: 68.31 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023443.D
 Acq: 4 Aug 2016 2:42

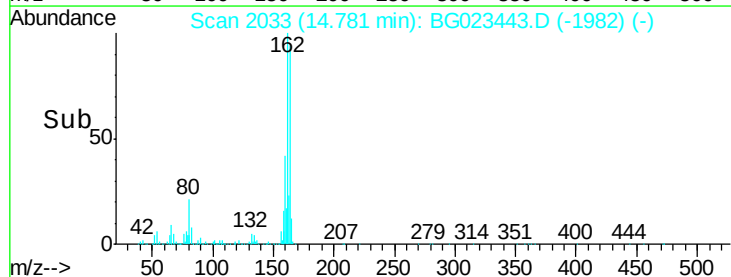
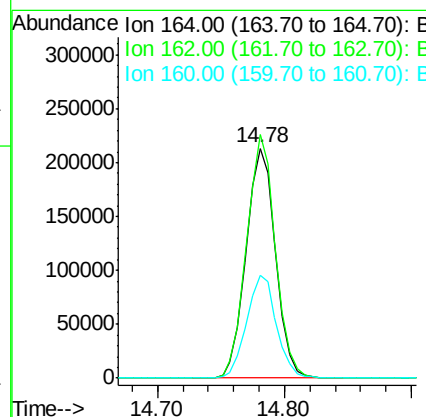
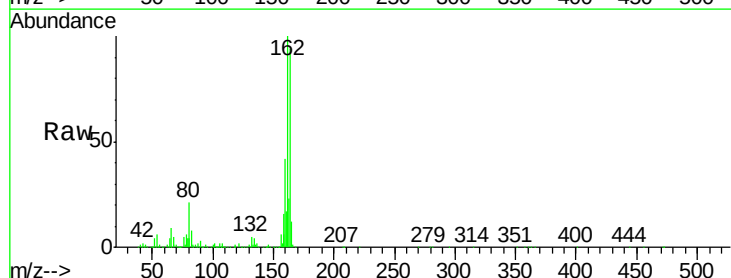
Instrument :
 BNA_G
 ClientSampleId :
 SB-58-18.0-19.0

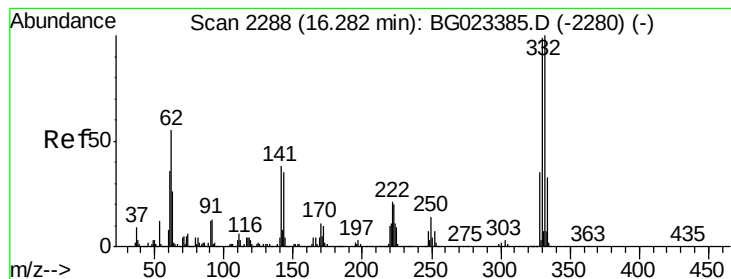
Tot Ion	82	Resp	629166
Ion Ratio	Lower	Upper	
82	100		
128	35.8	24.4	36.6
54	47.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023443.D
 Acq: 4 Aug 2016 2:42

Tgt Ion	164	Resp	342664
Ion Ratio	Lower	Upper	
164	100		
162	106.0	87.7	131.5
160	44.8	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 145.90 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

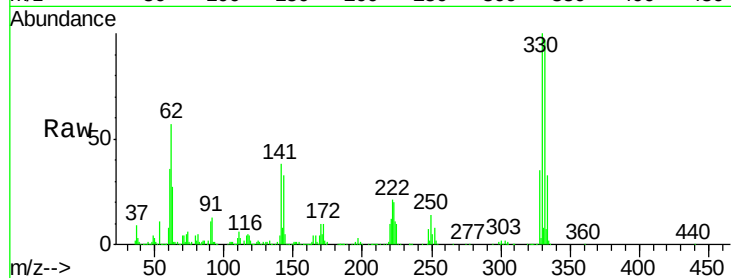
Tot Ion:330 Resp: 731278

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

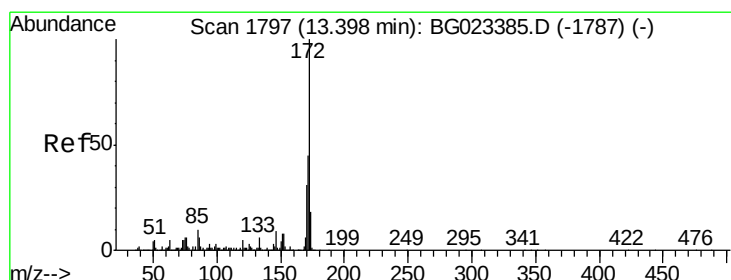
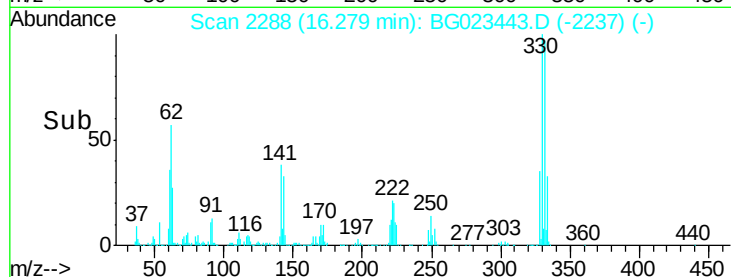
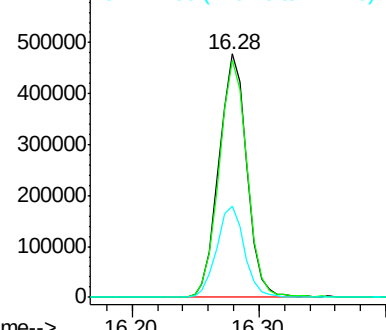
141 37.2 31.7 47.5



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: 72.43 ng

RT: 13.39 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

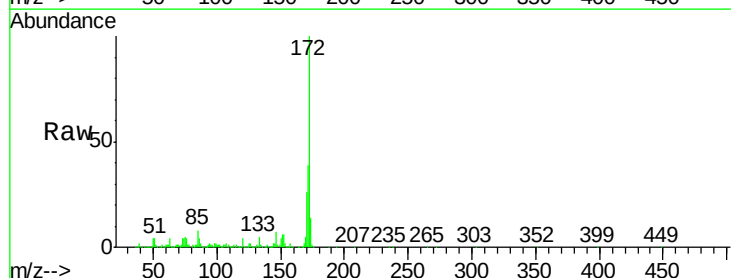
Tgt Ion:172 Resp: 1471430

Ion Ratio Lower Upper

172 100

171 38.7 31.6 47.4

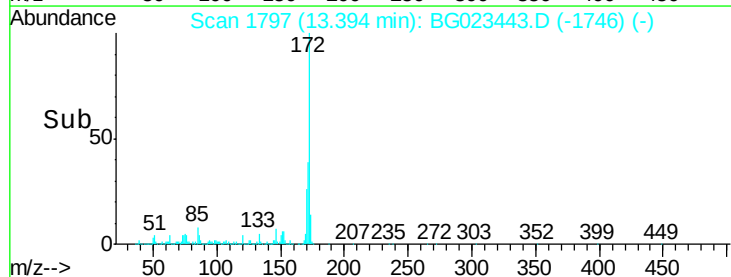
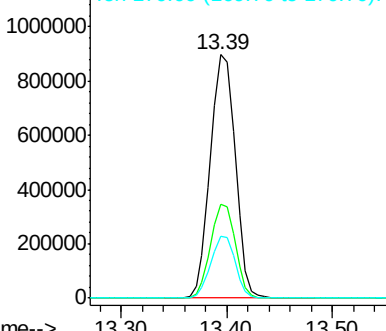
170 25.6 21.3 31.9

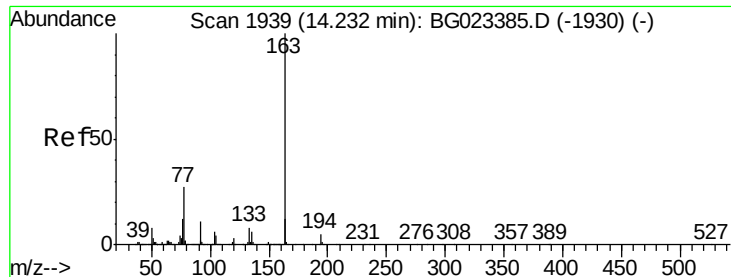


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.30 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

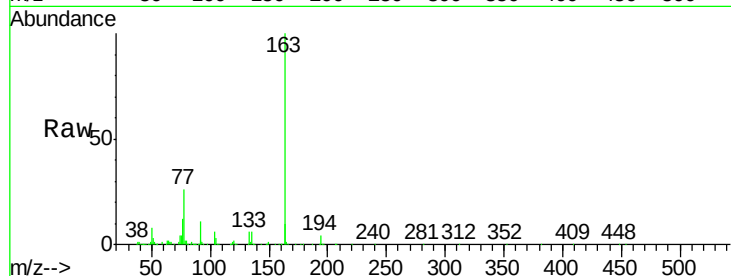
Tot Ion:163 Resp: 349593

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

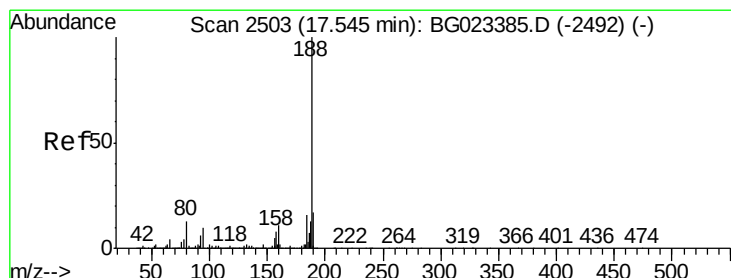
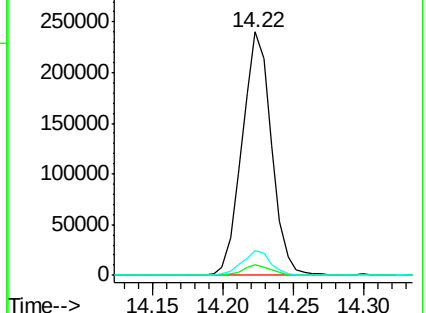
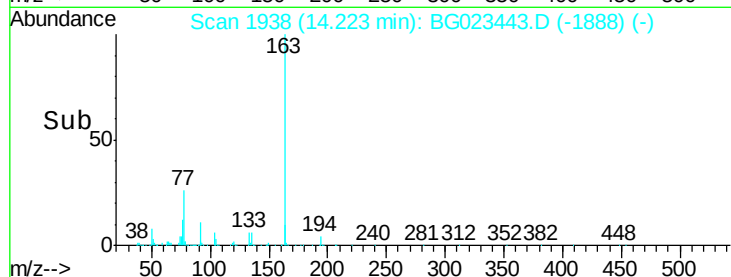
164 10.1 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

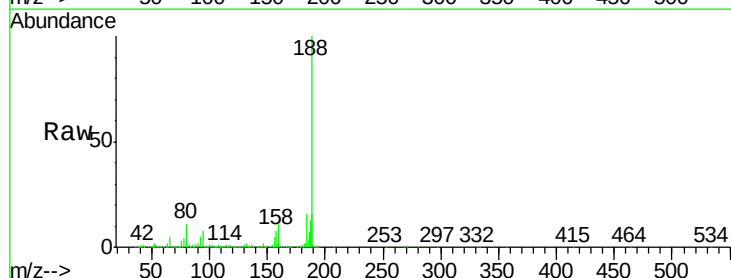
Tgt Ion:188 Resp: 929652

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

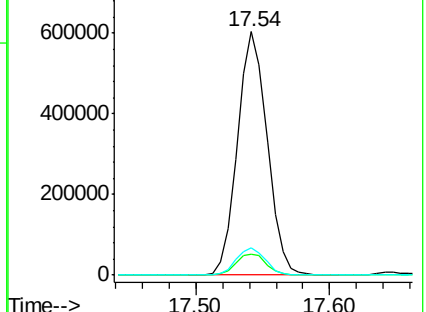
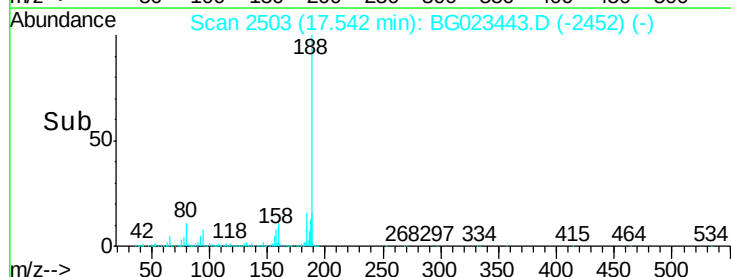
80 11.2 7.2 10.8#

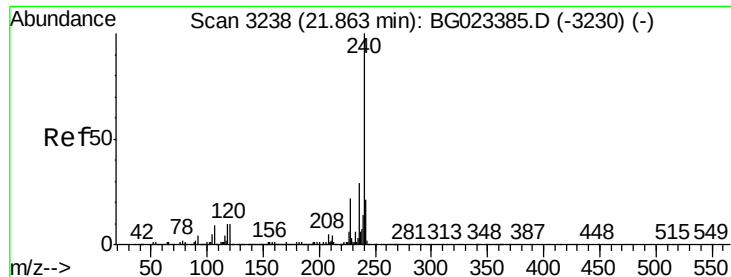


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG023443.D

Acq: 4 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

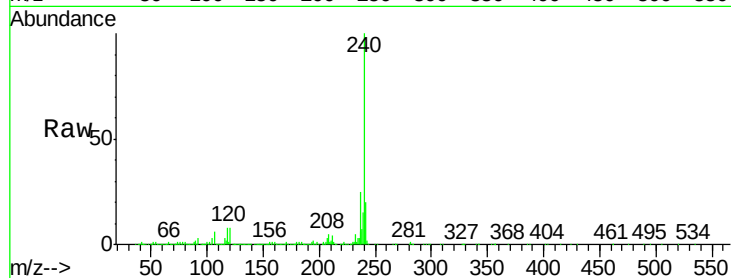
Tot Ion:240 Resp: 954487

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

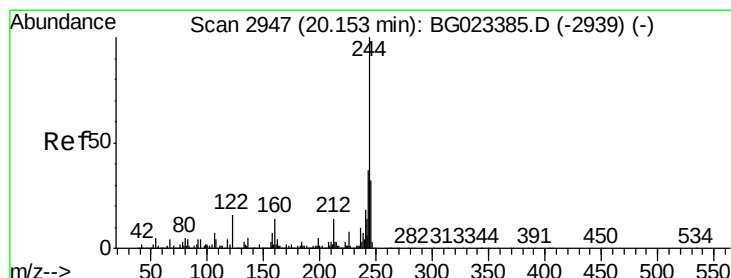
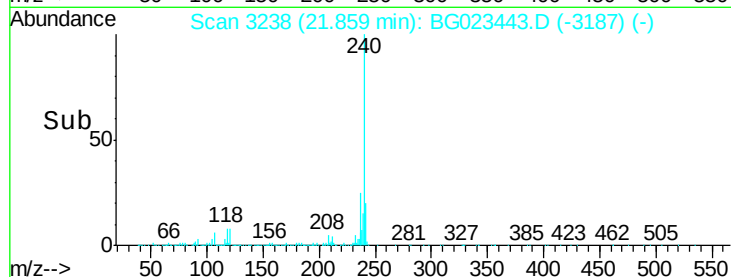
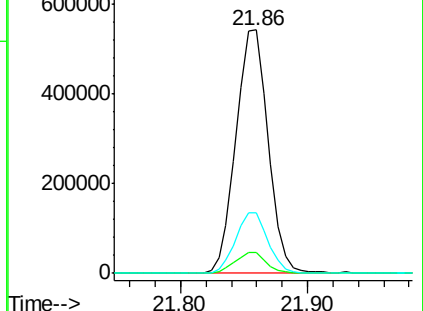
236 24.8 21.1 31.7



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: 92.28 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

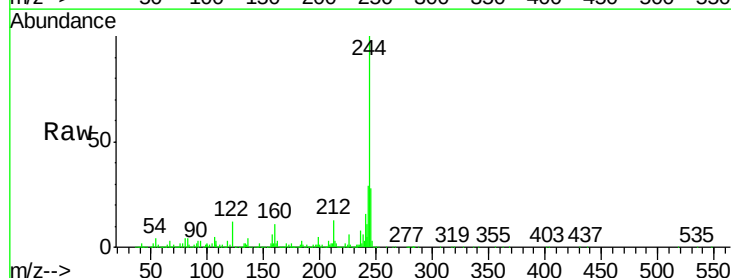
Tgt Ion:244 Resp: 2764680

Ion Ratio Lower Upper

244 100

212 12.6 10.8 16.2

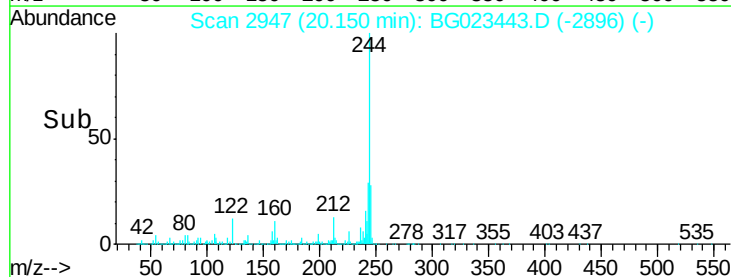
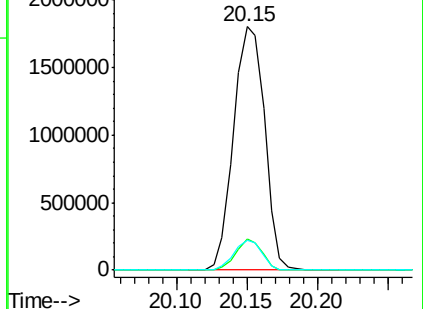
122 12.3 8.0 12.0#

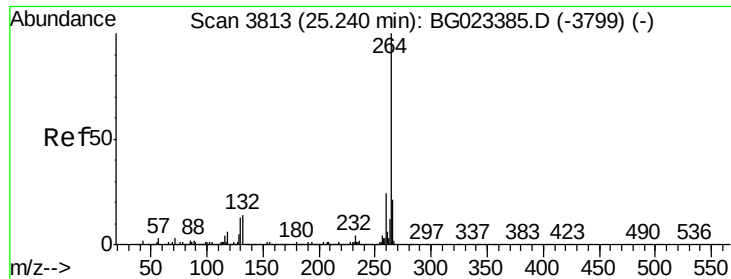


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. -0.01 min
 Lab File: BG023443.D
 Acq: 4 Aug 2016 2:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-58-18.0-19.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.3	18.9	28.3

