

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
 Data File : BG023740.D
 Acq On : 16 Aug 2016 23:04
 Operator : UM/SJ
 Sample : PB92838BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92838BL

Quant Time: Aug 17 01:51:08 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	111423	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	538177	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	356393	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	738402	20.00	ng	0.00
75) Chrysene-d12	21.87	240	722872	20.00	ng	0.01
86) Perylene-d12	25.28	264	755781	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	763789	115.39	ng	-0.02
7) Phenol-d6	7.26	99	1144249	110.98	ng	-0.01
23) Nitrobenzene-d5	9.29	82	817705	75.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	519942	99.74	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1687362	79.86	ng	0.00
78) Terphenyl-d14	20.16	244	1943936	83.91	ng	0.00

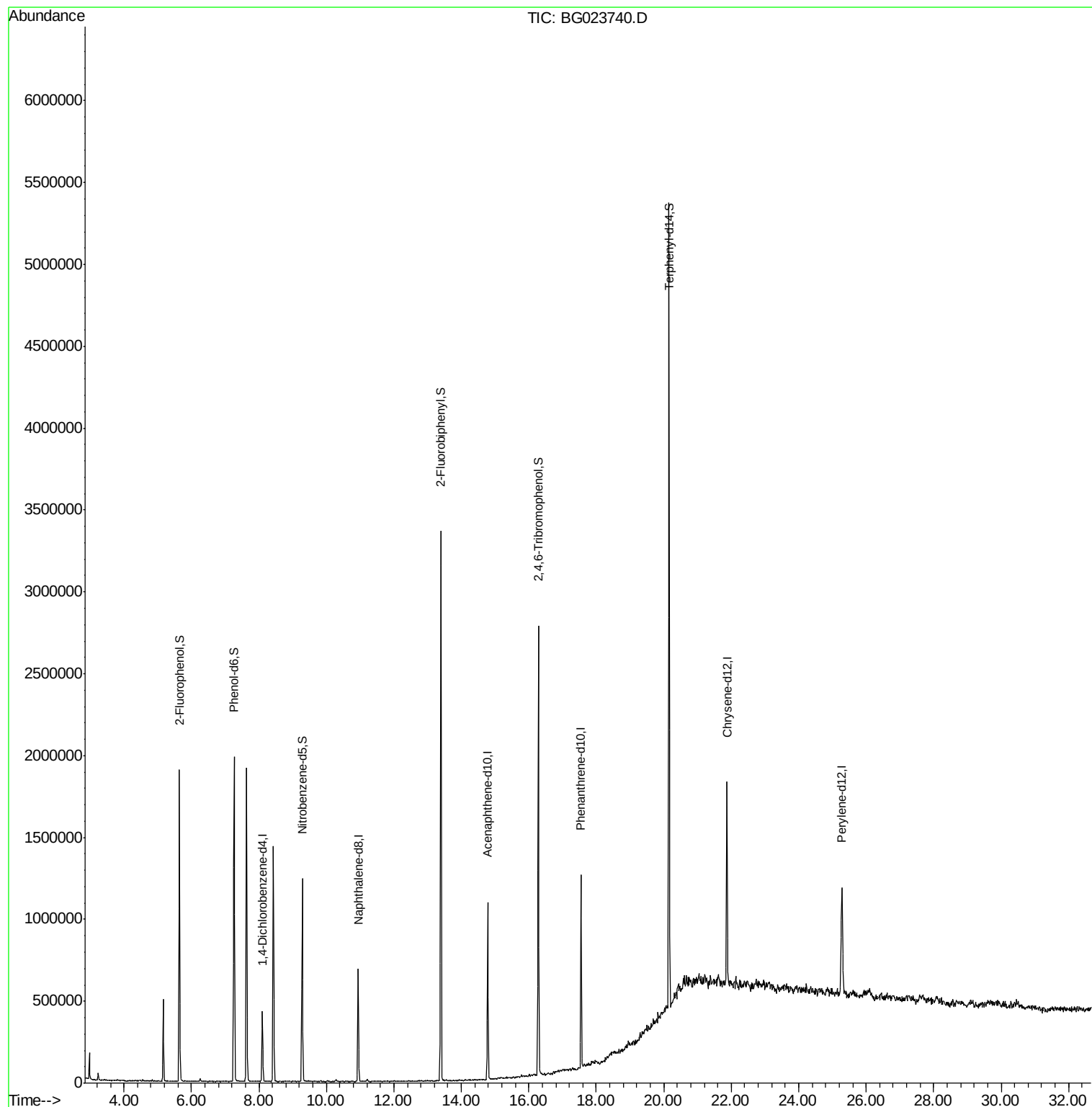
Target Compounds Qvalue

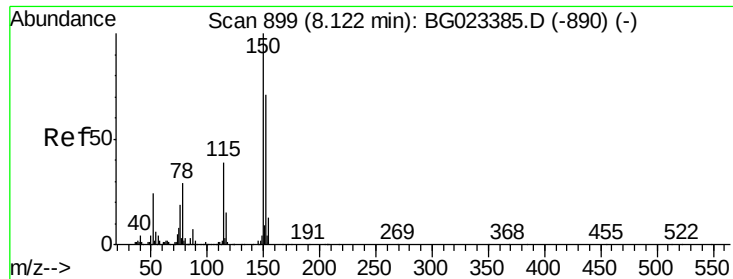
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

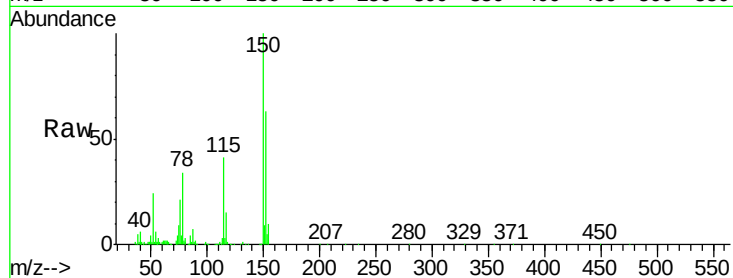
Tot Ion:152 Resp: 111423

Ion Ratio Lower Upper

152 100

150 158.5 144.7 217.1

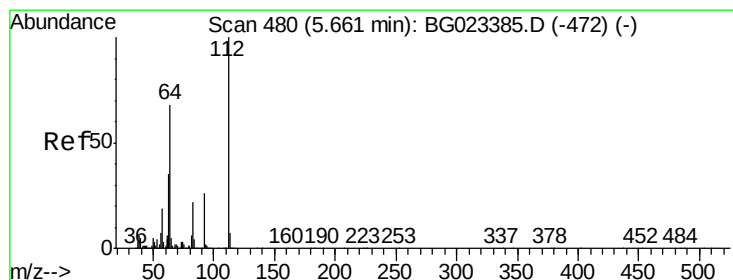
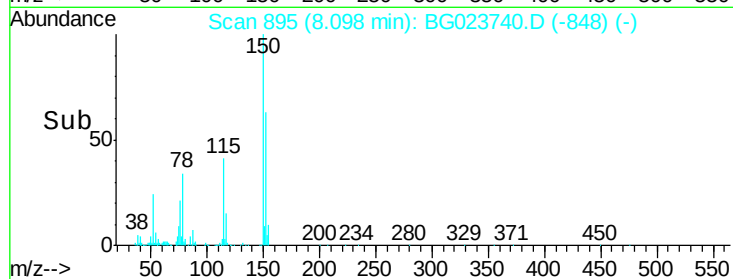
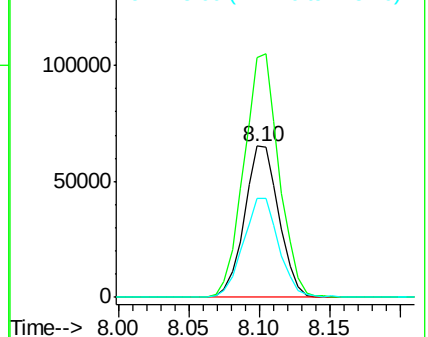
115 65.6 64.0 96.0



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: 115.39 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

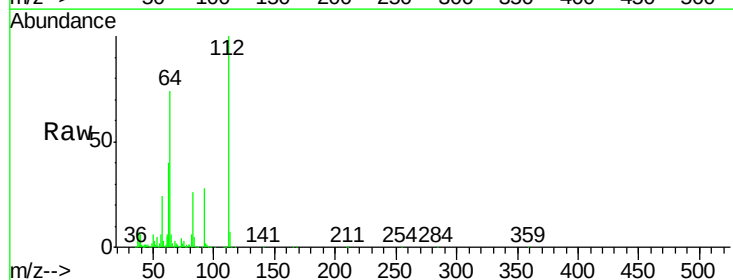
Tgt Ion:112 Resp: 763789

Ion Ratio Lower Upper

112 100

64 74.4 59.0 88.4

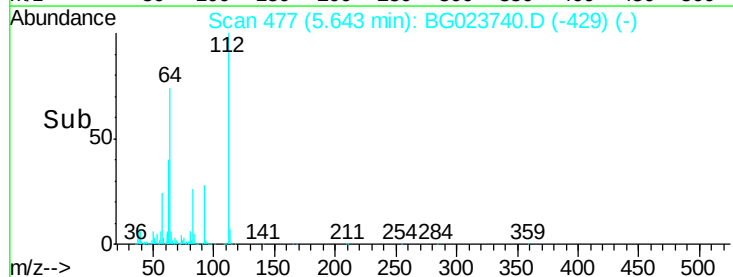
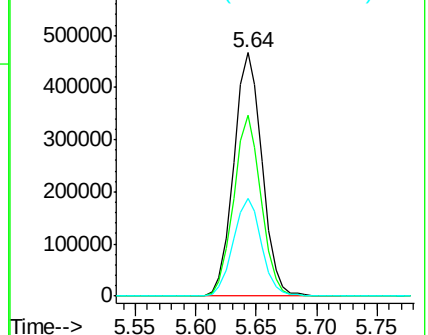
63 40.1 37.8 56.8

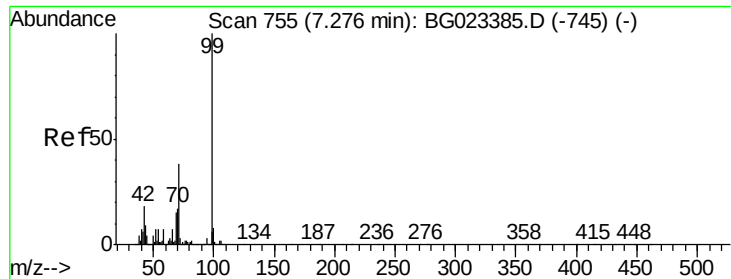


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 110.98 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

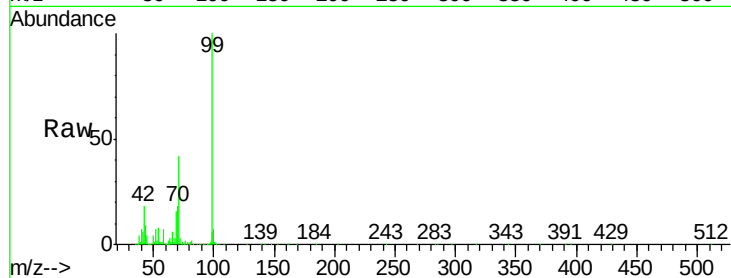
Tot Ion: 99 Resp: 1144249

Ion Ratio Lower Upper

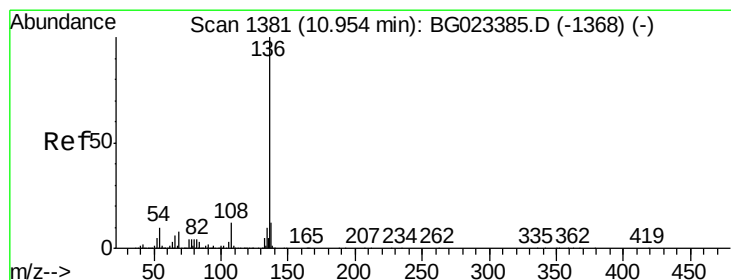
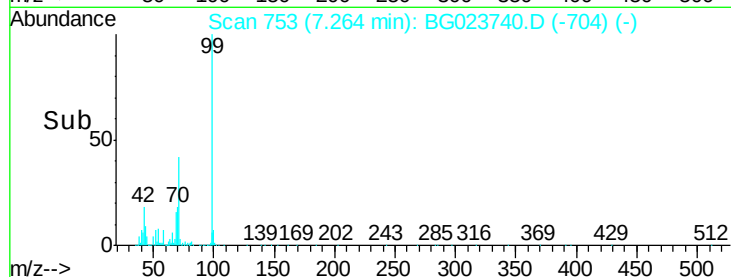
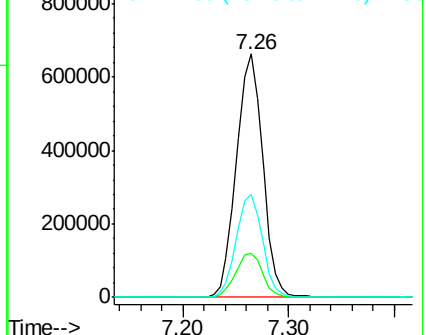
99 100

42 18.3 17.8 26.6

71 42.3 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: BG023740.D

Acq: 16 Aug 2016 23:04

Tgt Ion: 136 Resp: 538177

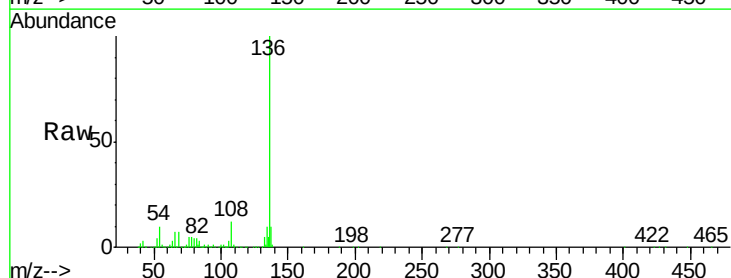
Ion Ratio Lower Upper

136 100

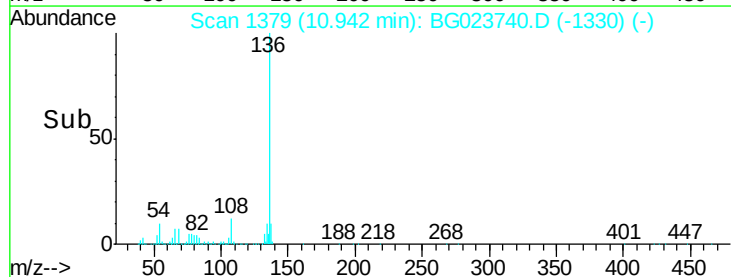
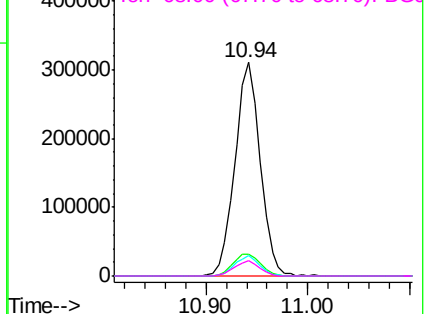
137 10.2 9.6 14.4

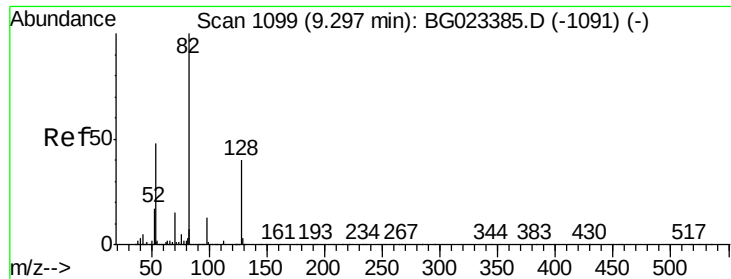
54 9.6 7.3 10.9

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

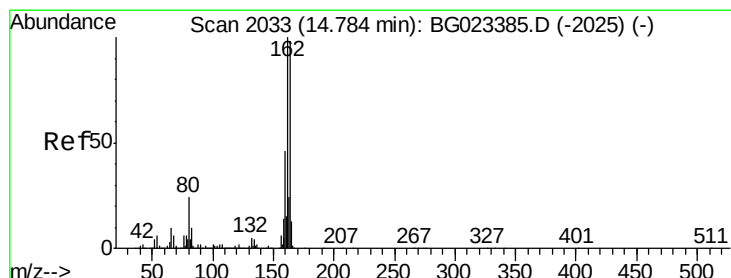
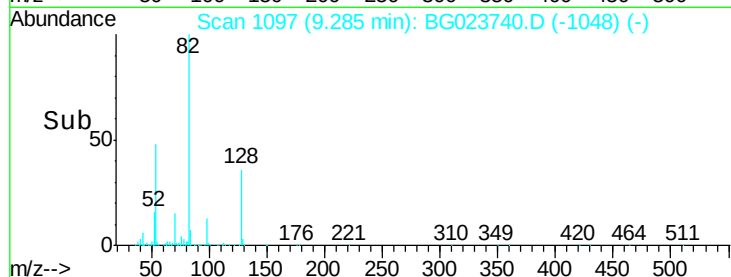
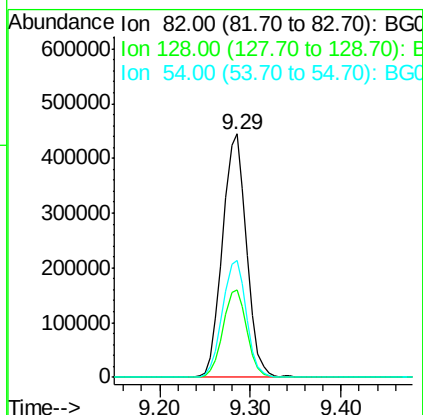
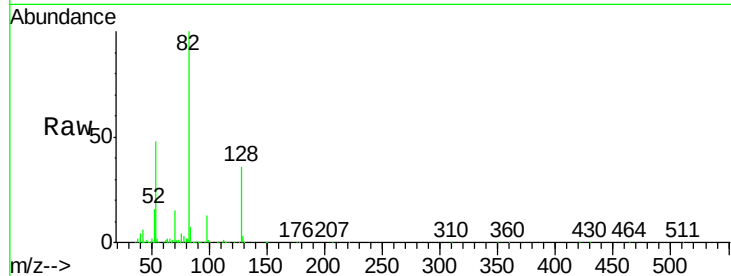




#23
 Nitrobenzene-d5
 Concen: 75.54 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023740.D
 Acq: 16 Aug 2016 23:04

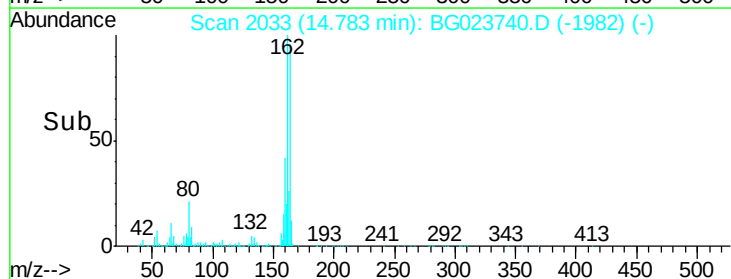
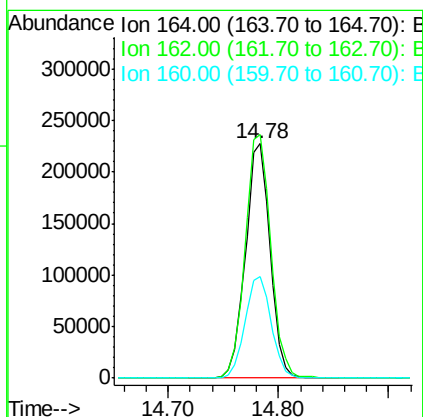
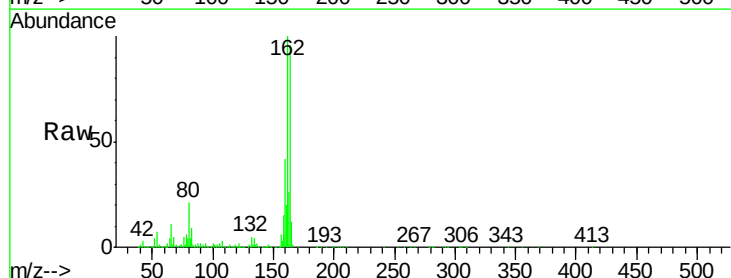
Instrument :
 BNA_G
 ClientSampleId :
 PB92838BL

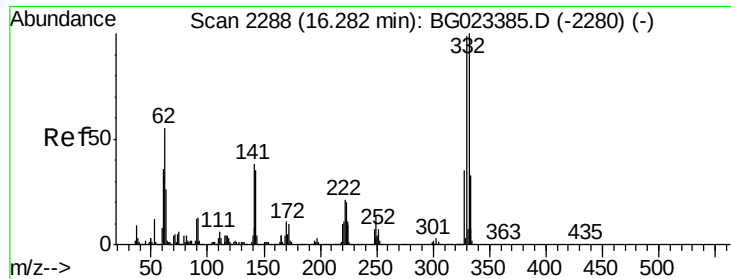
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	48.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023740.D
 Acq: 16 Aug 2016 23:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	87.7	131.5
160	43.3	37.2	55.8

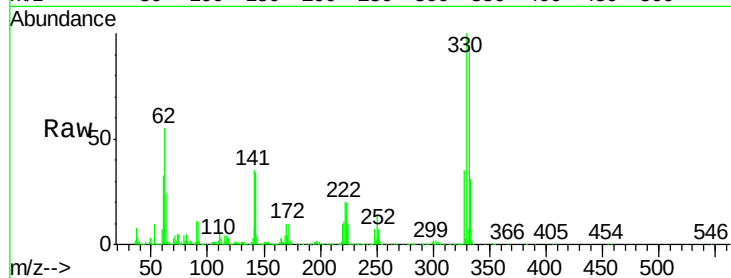




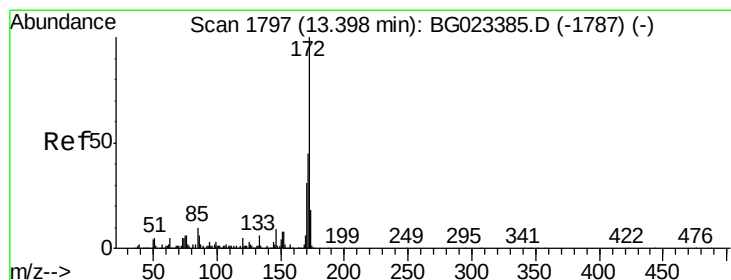
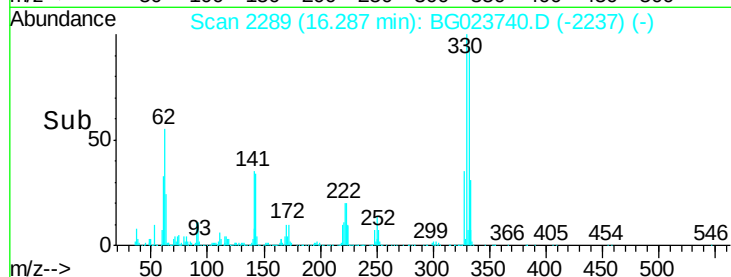
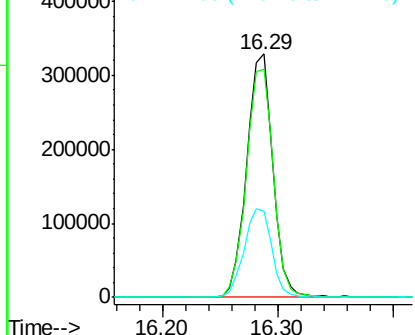
#41
2,4,6-Tribromophenol
Concen: 99.74 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Instrument :
BNA_G
ClientSampleId :
PB92838BL

Tot Ion:330 Resp: 519942
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 38.2 31.7 47.5

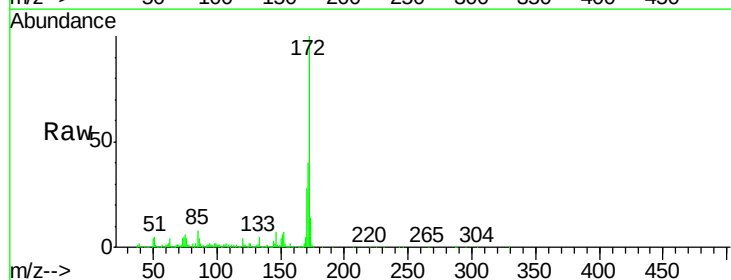


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

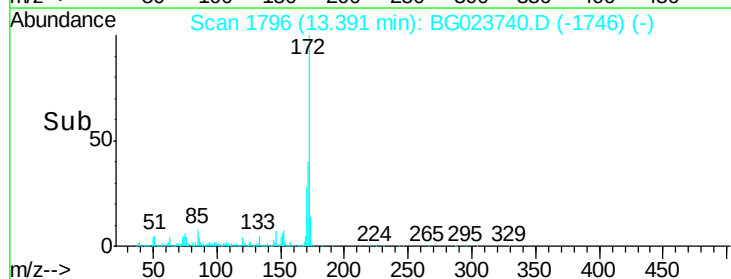
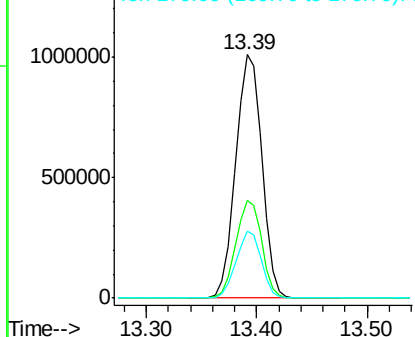


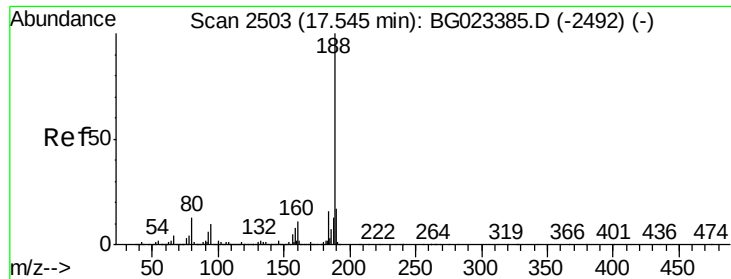
#44
2-Fluorobiphenyl
Concen: 79.86 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Tgt Ion:172 Resp: 1687362
Ion Ratio Lower Upper
172 100
171 40.2 31.6 47.4
170 27.7 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

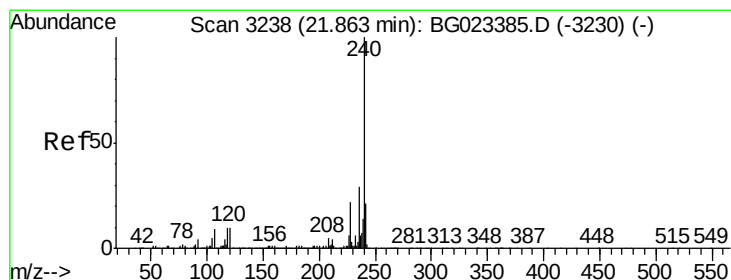
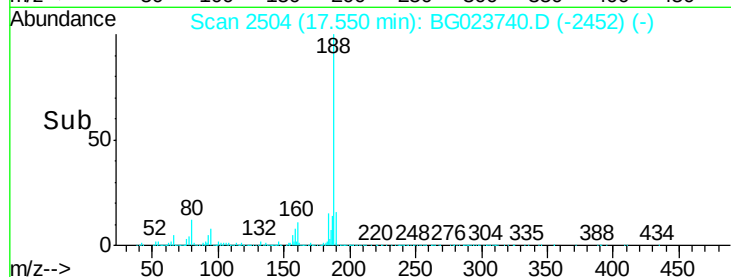
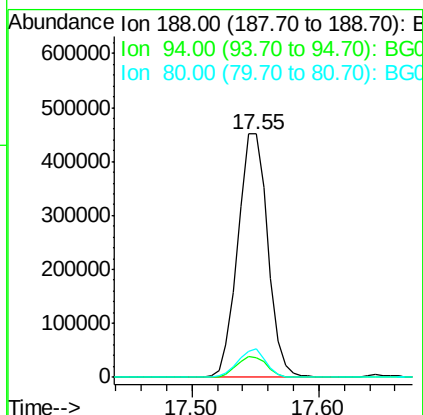
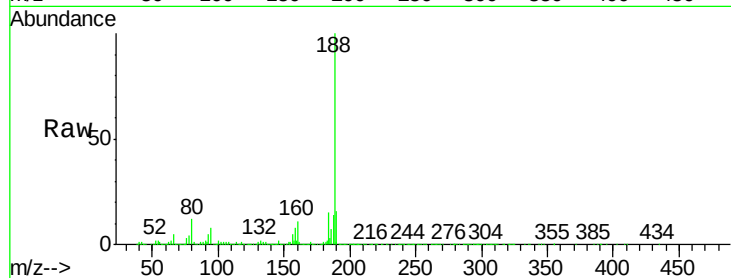




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

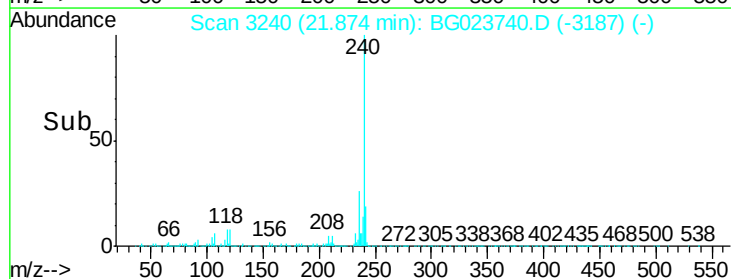
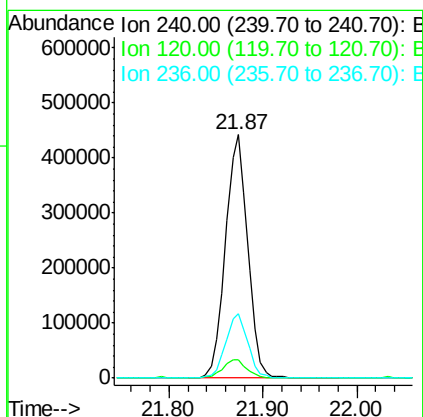
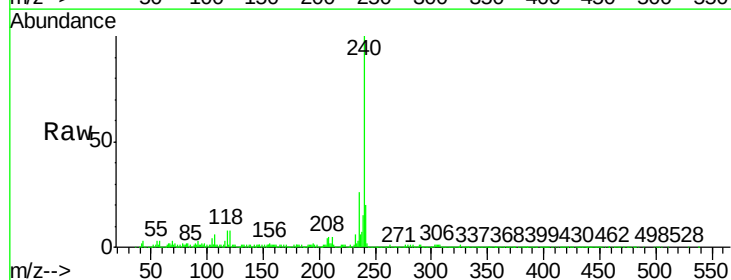
Instrument :
BNA_G
ClientSampleId :
PB92838BL

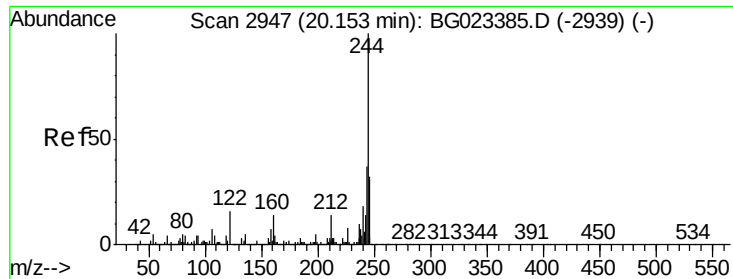
Tot Ion:188 Resp: 738402
Ion Ratio Lower Upper
188 100
94 8.1 5.2 7.8#
80 11.7 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Tgt Ion:240 Resp: 722872
Ion Ratio Lower Upper
240 100
120 7.8 4.1 6.1#
236 26.3 21.1 31.7





#78

Terphenyl-d14

Concen: 83.91 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

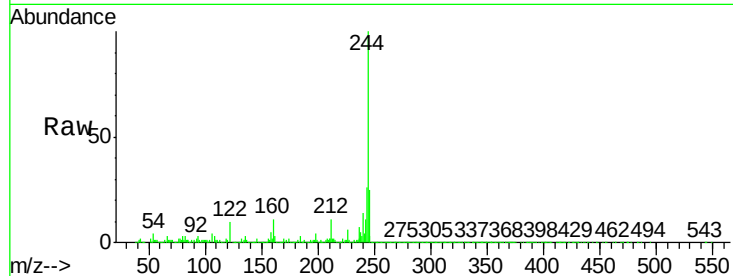
Tot Ion:244 Resp: 1943936

Ion Ratio Lower Upper

244 100

212 11.2 10.8 16.2

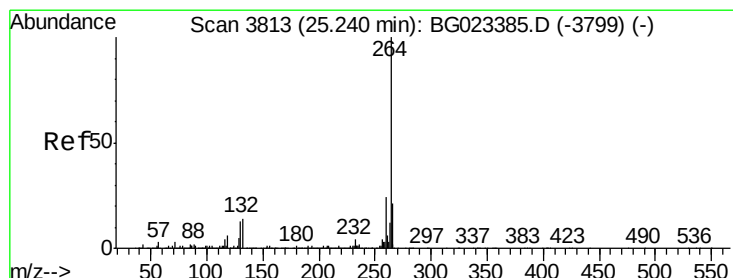
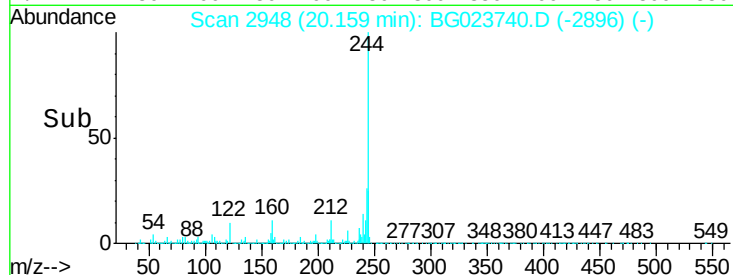
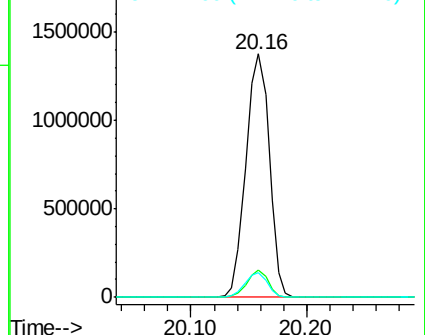
122 10.2 8.0 12.0



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: 25.28 min Scan# 3820

Delta R.T. 0.04 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

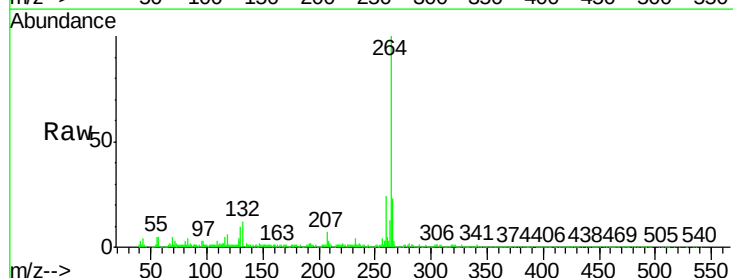
Tgt Ion:264 Resp: 755781

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.9 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

