

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023375.D
 Acq On : 31 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H4285-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)T

Quant Time: Aug 01 02:34:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

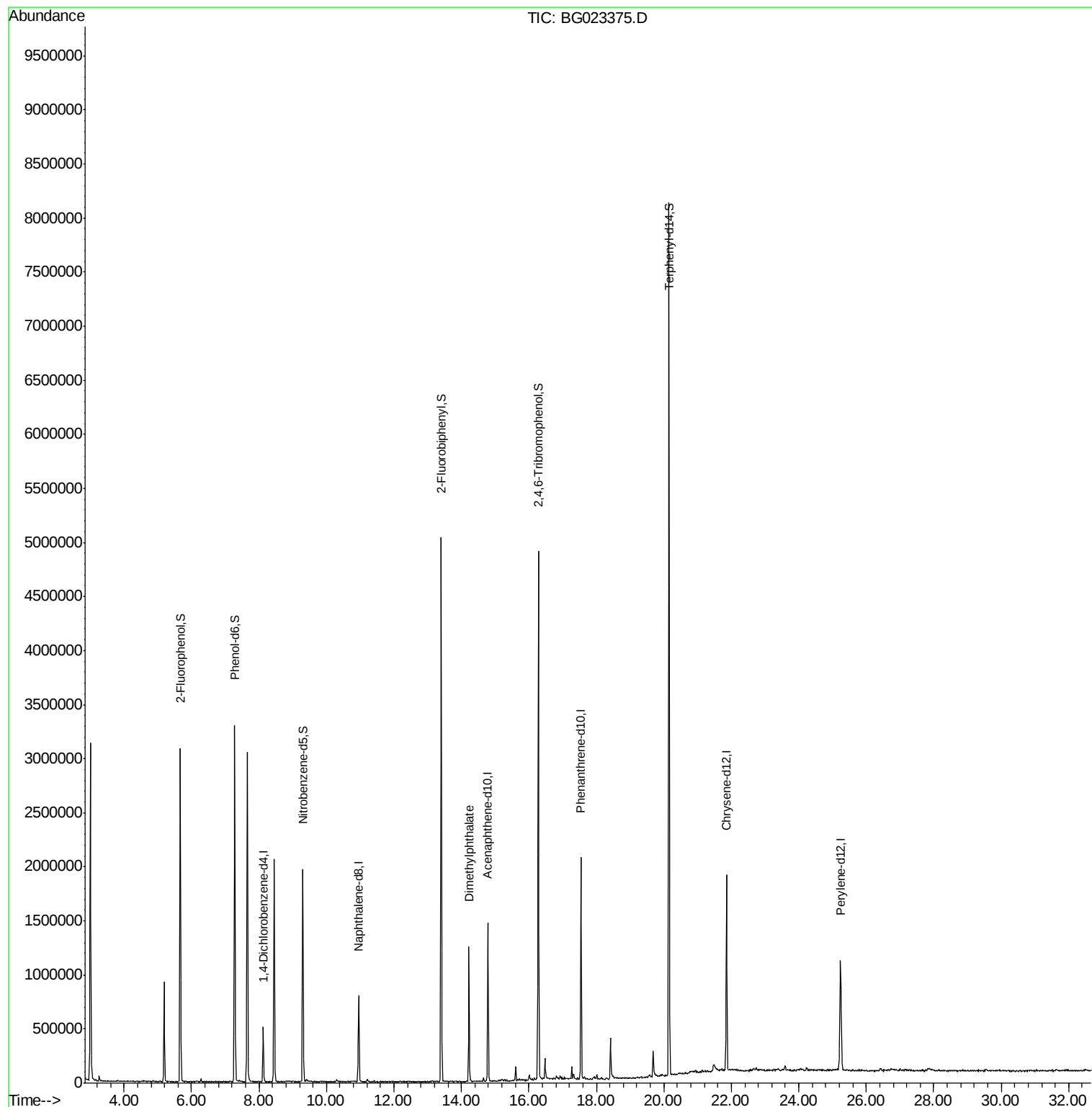
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	141155	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	683917	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	494141	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1245490	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1086012	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1126304	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1315965	159.16	ng	0.00
7) Phenol-d6	7.28	99	1986508	156.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	1281319	91.62	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	889250	173.87	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2491546	94.37	ng	-0.02
78) Terphenyl-d14	20.16	244	2894011	86.63	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.23	163	799330	21.92	ng	Qvalue 98

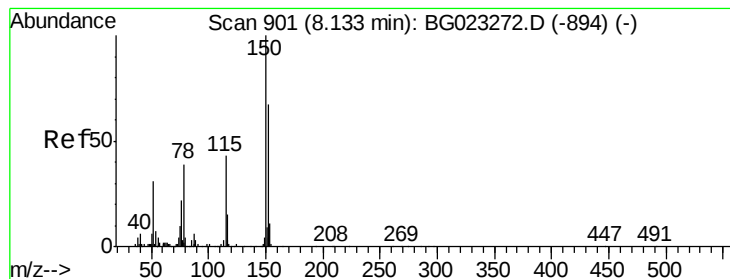
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)T

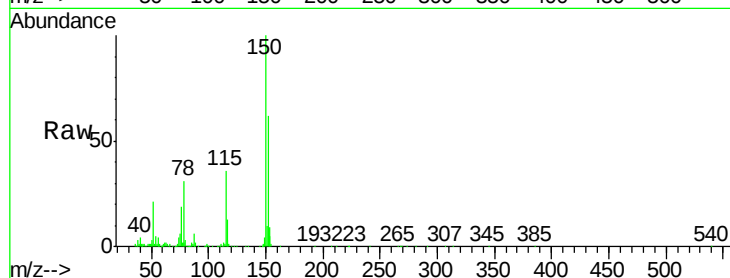
Tgt Ion:152 Resp: 141155

Ion Ratio Lower Upper

152 100

150 160.3 144.7 217.1

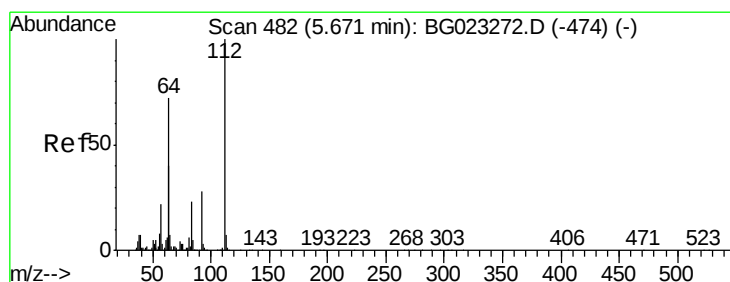
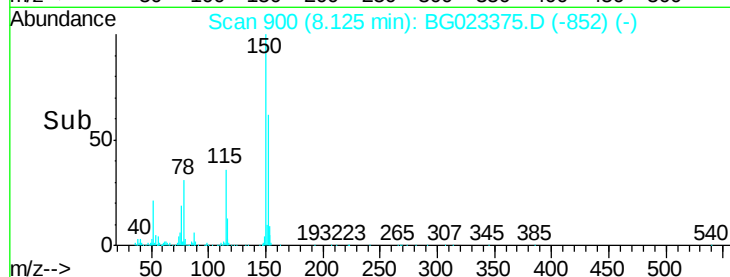
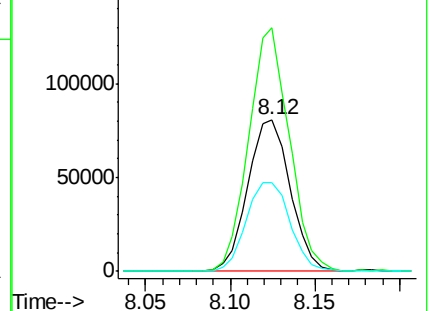
115 58.3 64.0 96.0#



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: 159.16 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

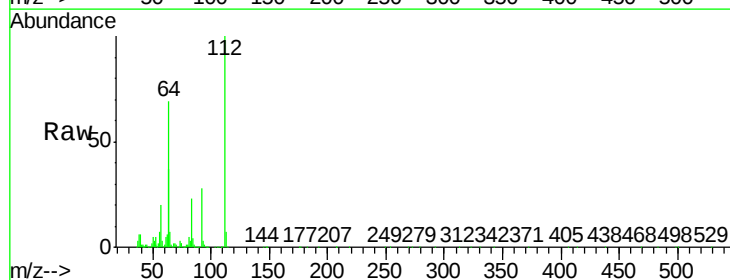
Tgt Ion:112 Resp: 1315965

Ion Ratio Lower Upper

112 100

64 69.1 59.0 88.4

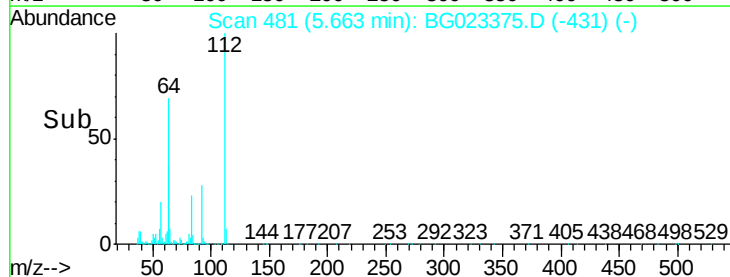
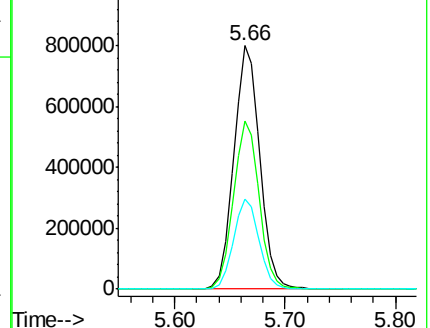
63 36.8 37.8 56.8#

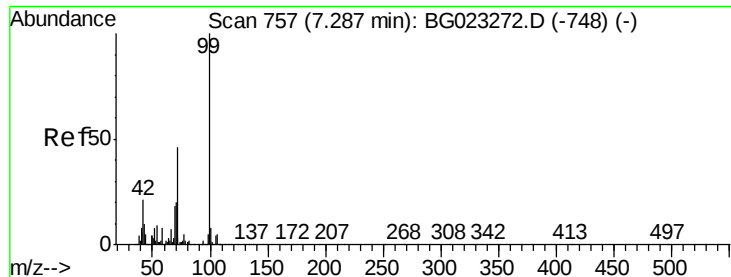


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 156.49 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)T

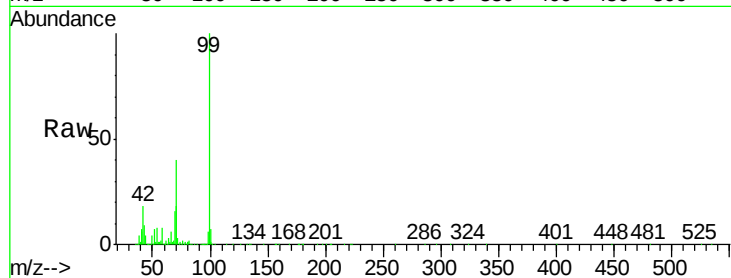
Tgt Ion: 99 Resp: 1986508

Ion Ratio Lower Upper

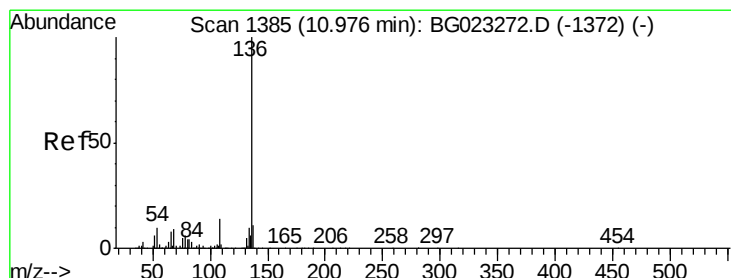
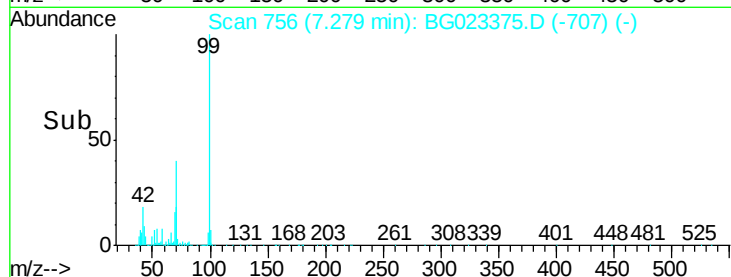
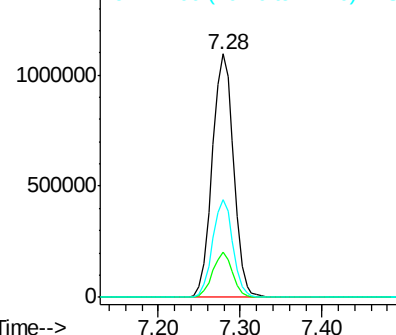
99 100

42 18.3 17.8 26.6

71 40.3 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: 10.96 min Scan# 1382

Delta R.T. -0.02 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

Tgt Ion: 136 Resp: 683917

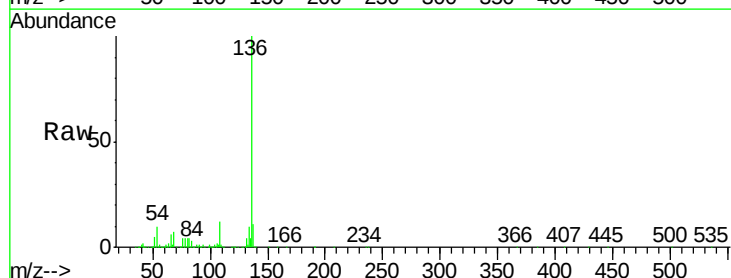
Ion Ratio Lower Upper

136 100

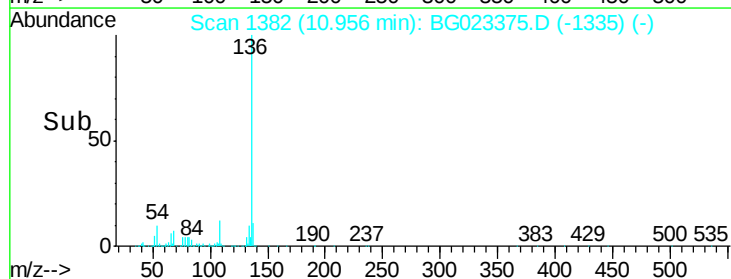
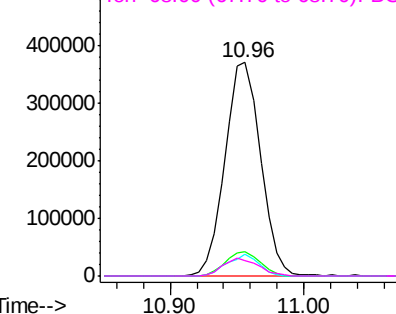
137 11.3 9.6 14.4

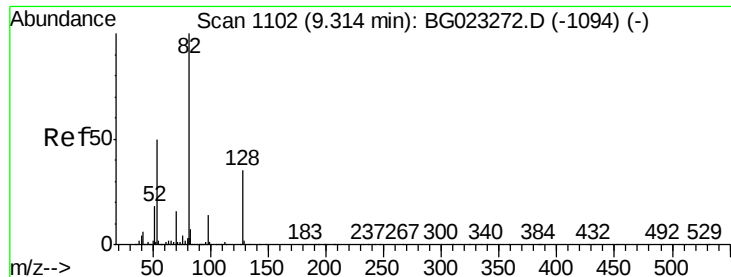
54 10.0 7.3 10.9

68 7.5 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

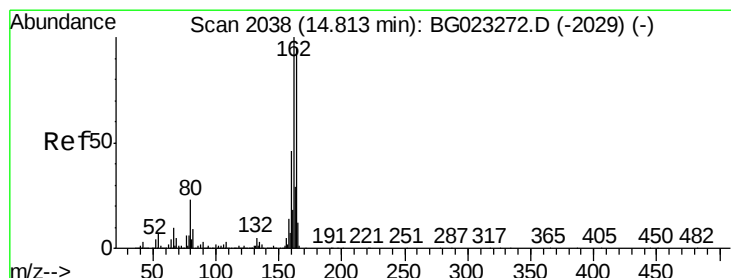
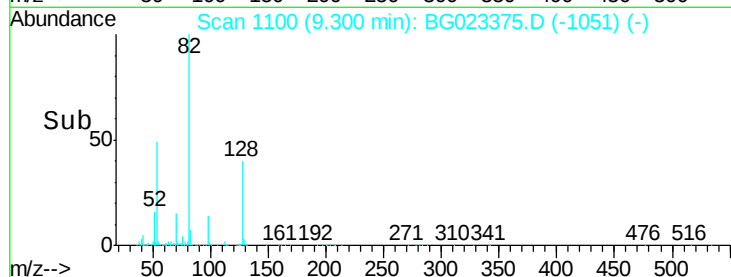
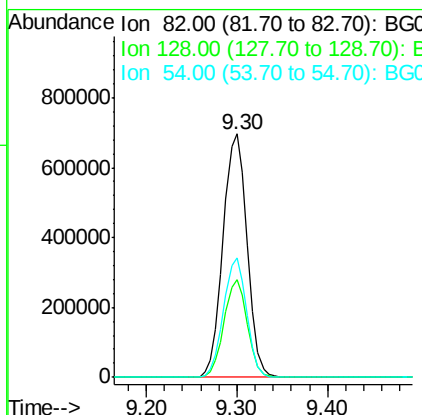
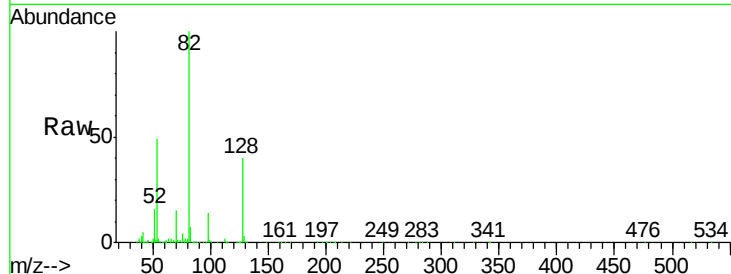




#23
Nitrobenzene-d5
Concen: 91.62 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

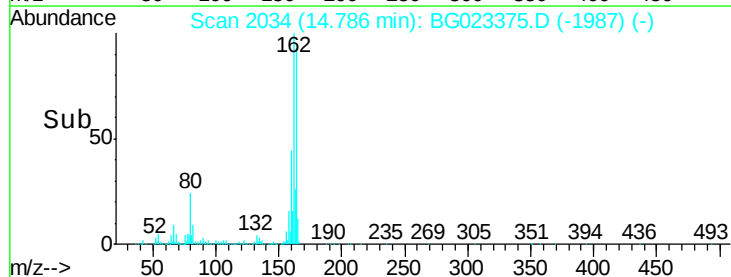
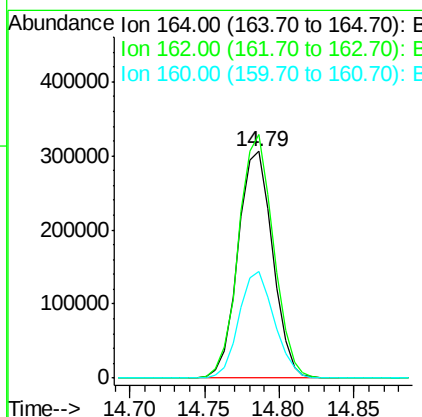
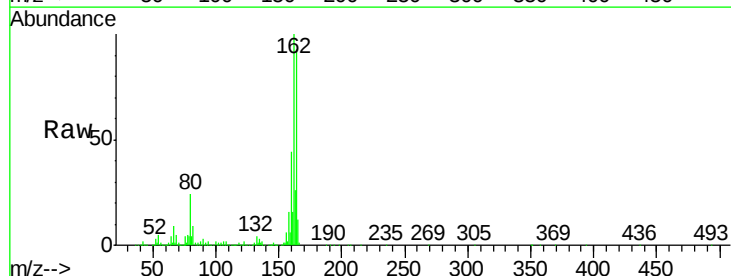
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)T

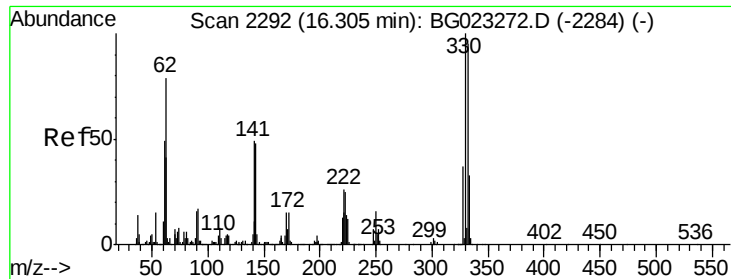
Tgt Ion: 82 Resp: 1281319
Ion Ratio Lower Upper
82 100
128 40.2 24.4 36.6#
54 48.8 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

Tgt Ion: 164 Resp: 494141
Ion Ratio Lower Upper
164 100
162 107.4 87.7 131.5
160 46.9 37.2 55.8

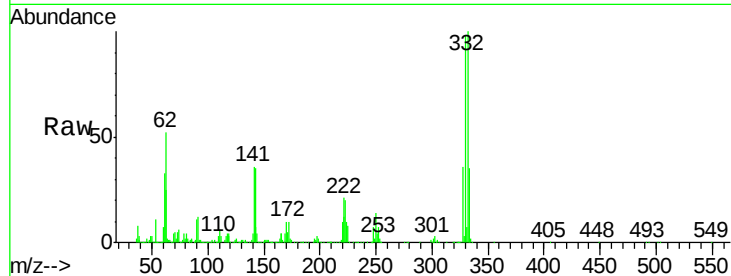




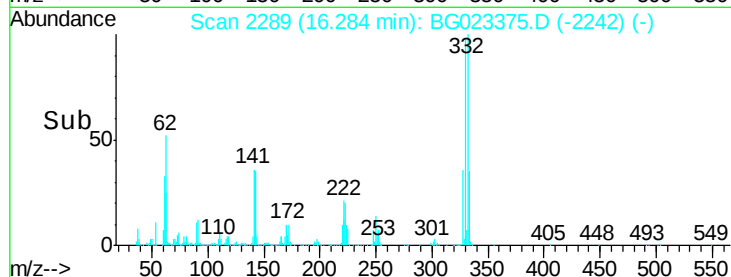
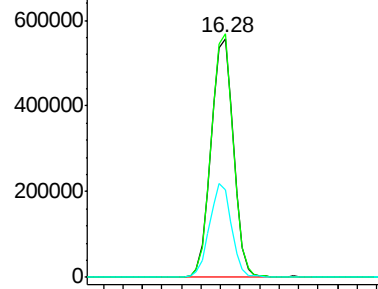
#41
 2,4,6-Tribromophenol
 Concen: 173.87 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023375.D
 Acq: 31 Jul 2016 19:38

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)T

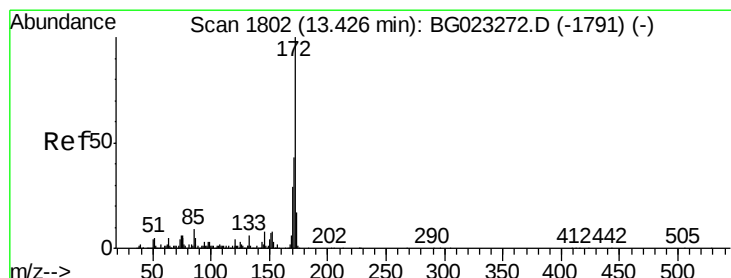
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.4	116.2
141	38.6	31.7	47.5



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

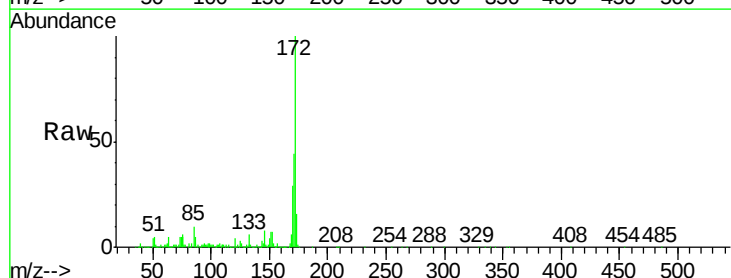


Time-->

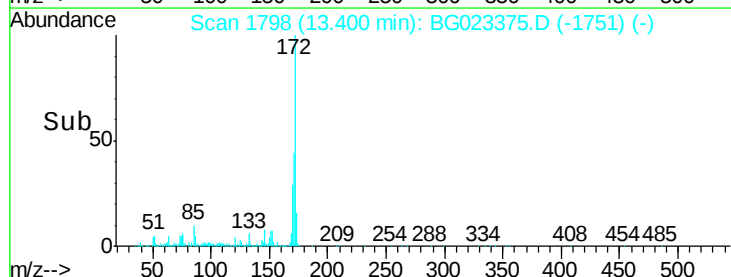
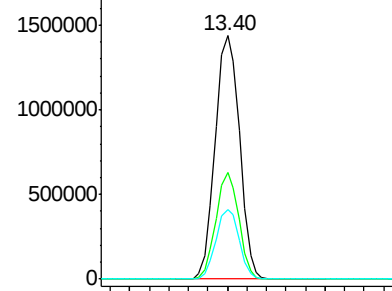


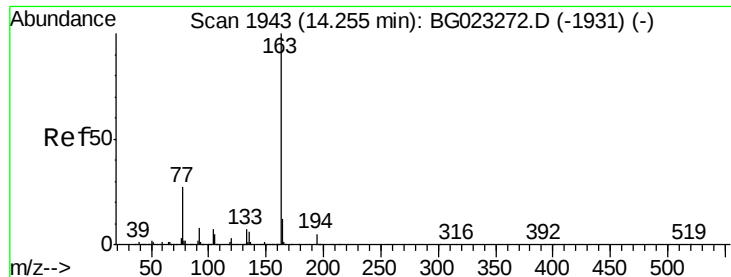
#44
 2-Fluorobiphenyl
 Concen: 94.37 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023375.D
 Acq: 31 Jul 2016 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.9	31.6	47.4
170	28.8	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: 21.92 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)T

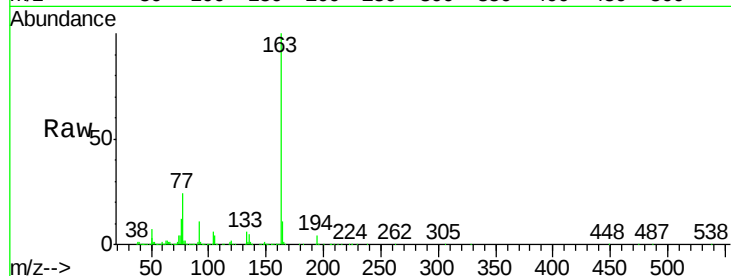
Tgt Ion:163 Resp: 799330

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

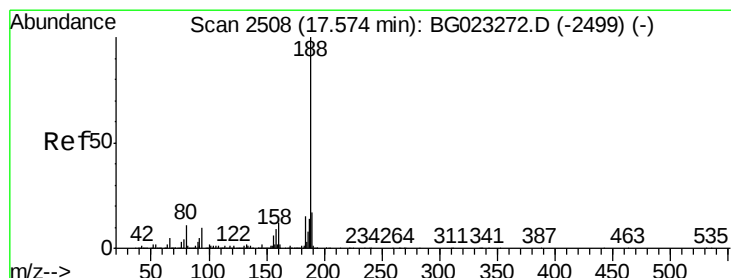
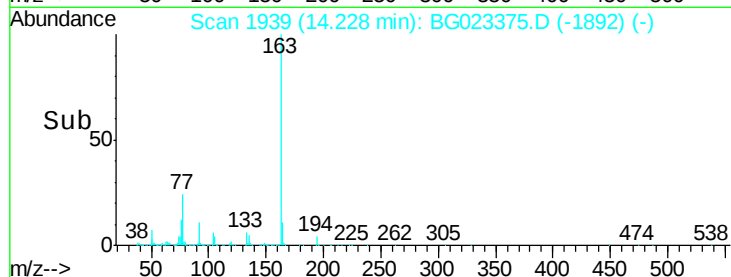
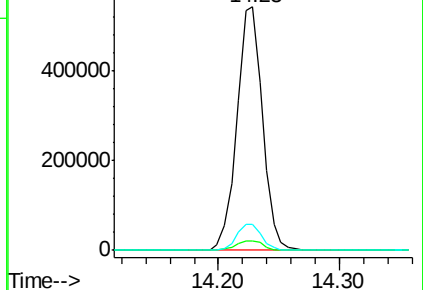
164 10.9 8.1 12.1



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. -0.02 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

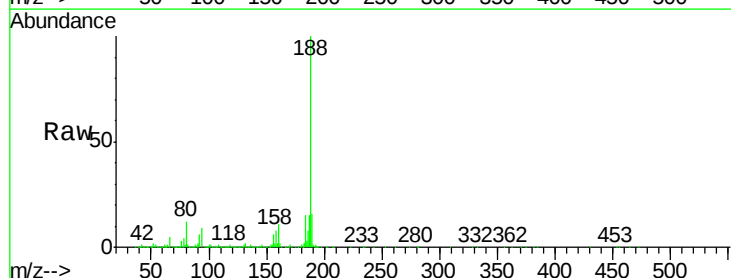
Tgt Ion:188 Resp: 1245490

Ion Ratio Lower Upper

188 100

94 9.5 5.2 7.8#

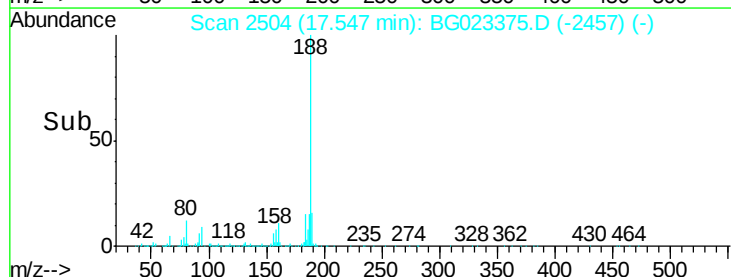
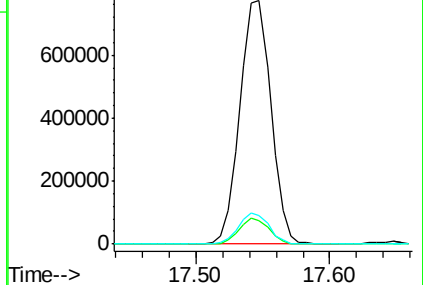
80 11.7 7.2 10.8#

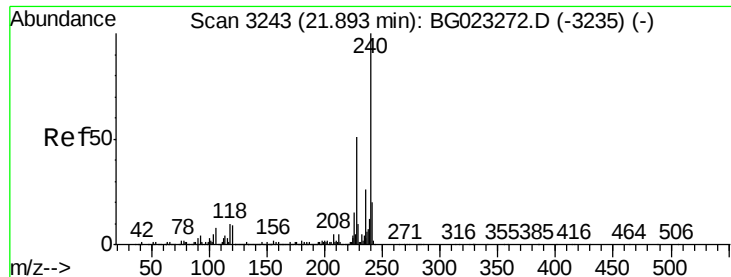


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

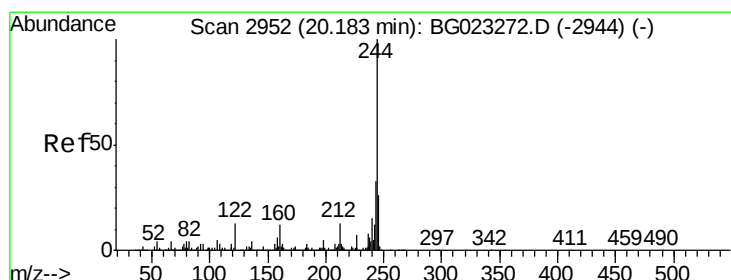
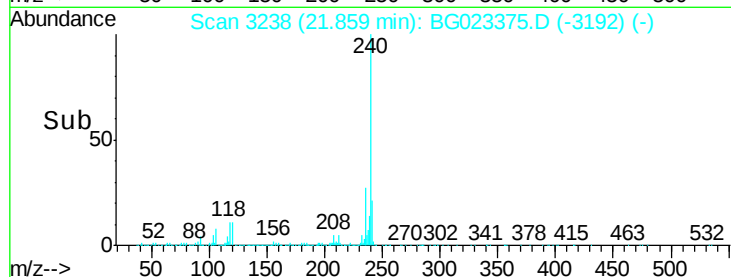
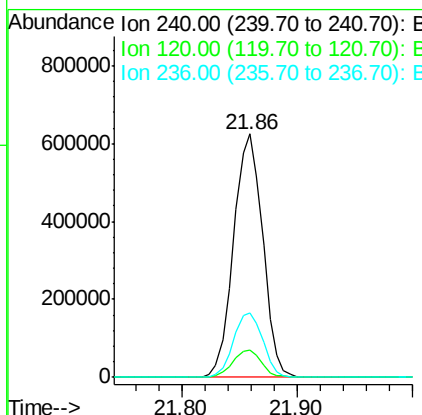
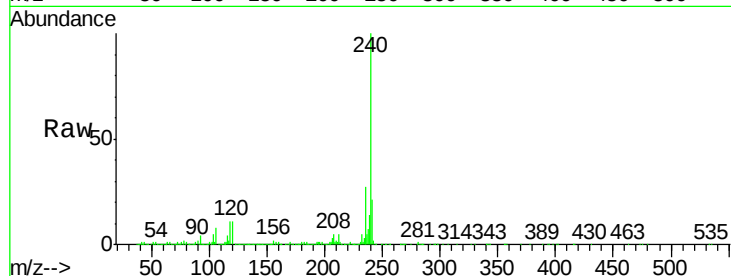




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

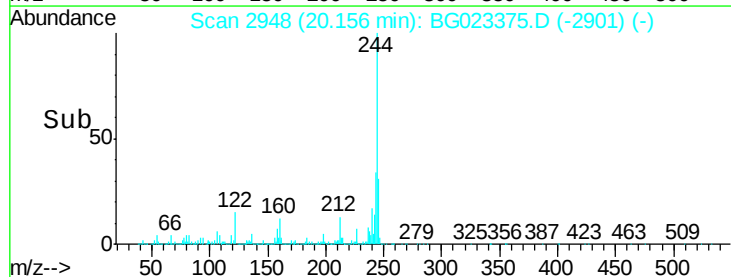
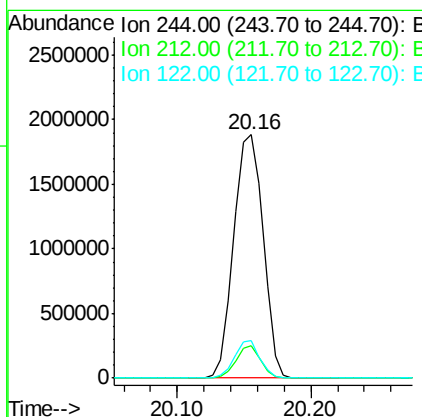
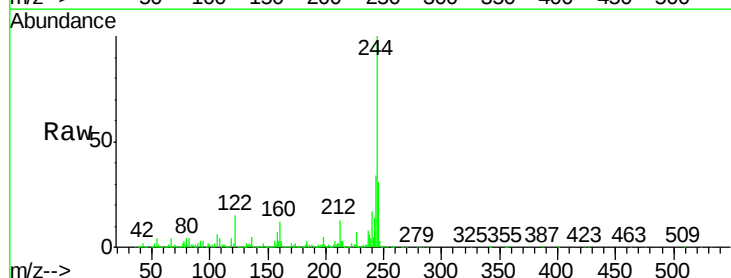
Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)T

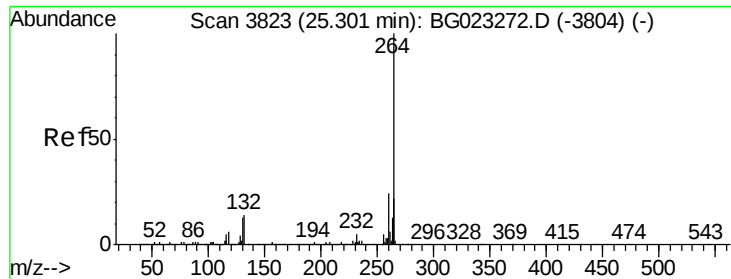
Tgt Ion:240 Resp: 1086012
Ion Ratio Lower Upper
240 100
120 11.3 4.1 6.1#
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 86.63 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.02 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

Tgt Ion:244 Resp: 2894011
Ion Ratio Lower Upper
244 100
212 13.2 10.8 16.2
122 15.4 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.07 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)T

Tgt Ion:264 Resp: 1126304

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	20.3	18.9	28.3

