

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023089.D
 Acq On : 14 Jul 2016 5:13
 Operator : UM/SJ
 Sample : H4005-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071116-P41-E-D-M

Quant Time: Jul 14 06:47:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112987	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	517164	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	417920	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	997525	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1062403	20.00	ng	0.02
86) Perylene-d12	25.24	264	1055927	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	254814	36.88	ng	0.00
7) Phenol-d6	7.31	99	269346	24.89	ng	0.00
23) Nitrobenzene-d5	9.33	82	976440	80.85	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	472907	62.96	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1984322	74.79	ng	0.00
78) Terphenyl-d14	20.16	244	2829909	84.17	ng	0.00

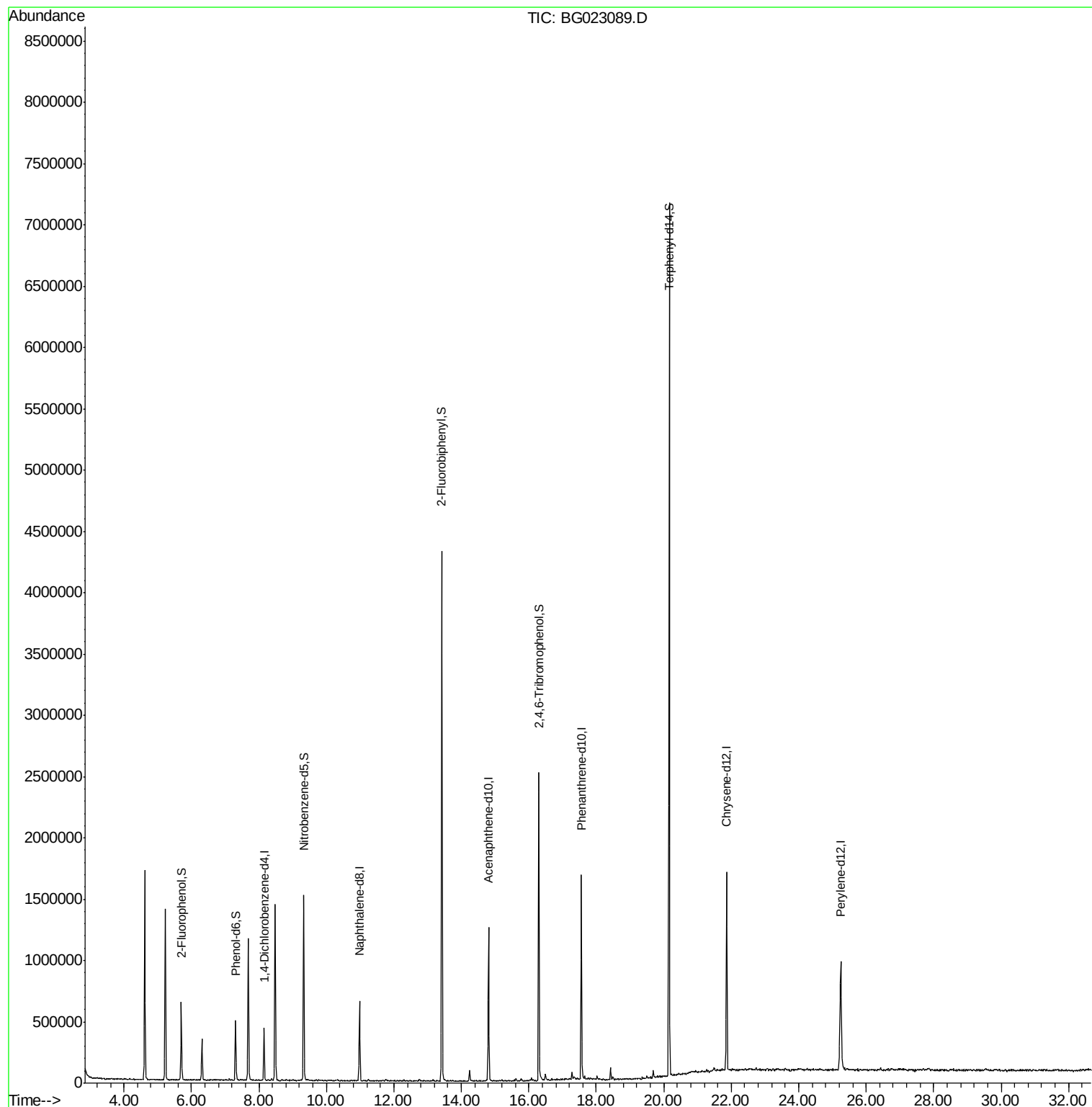
Target Compounds Qvalue

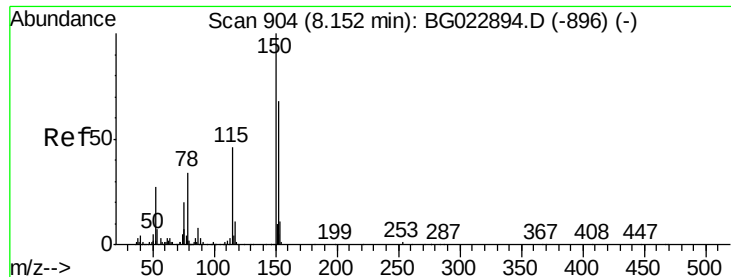
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-D-M

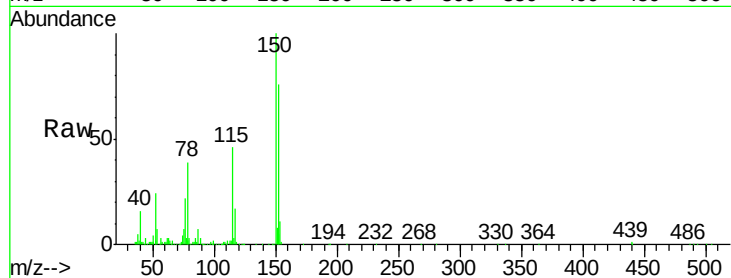
Tot Ion:152 Resp: 112987

Ion Ratio Lower Upper

152 100

150 132.1 144.7 217.1#

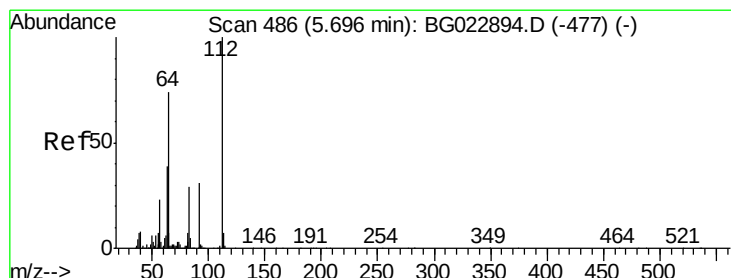
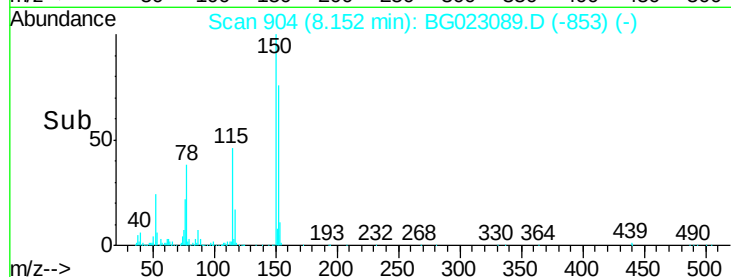
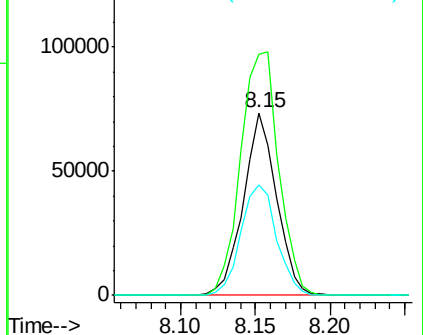
115 60.7 64.0 96.0#



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: 36.88 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

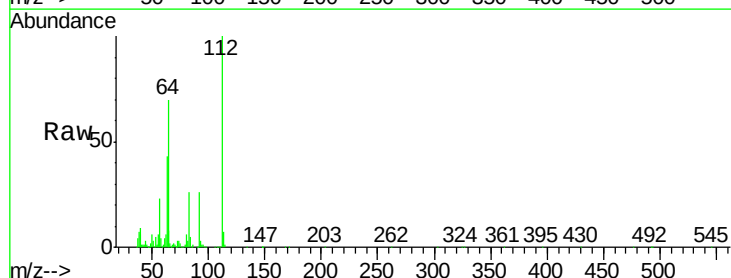
Tgt Ion:112 Resp: 254814

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

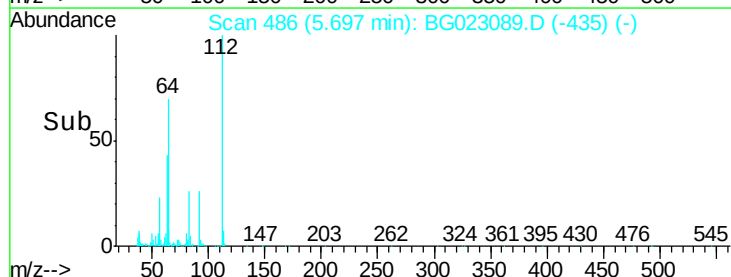
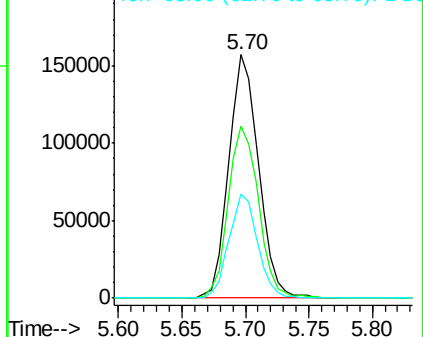
63 42.8 37.8 56.8

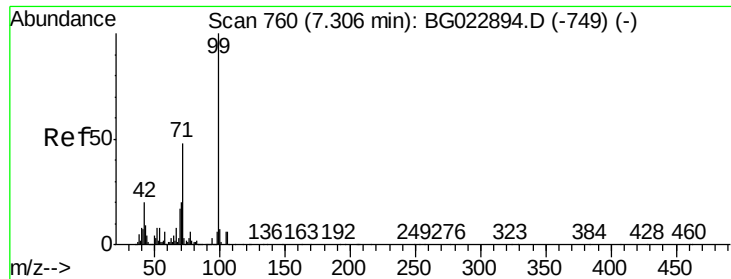


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.89 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

Instrument :

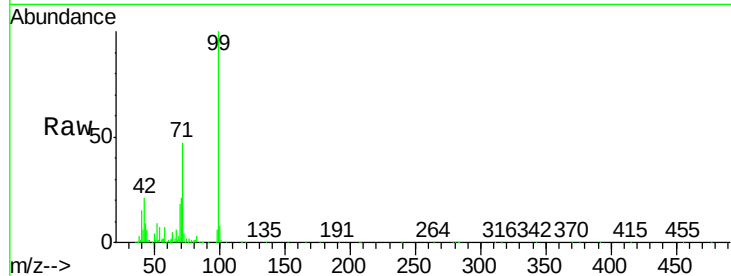
BNA_G

ClientSampleId :

071116-P41-E-D-M

Tot Ion: 99 Resp: 269346

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	46.7	41.5	62.3

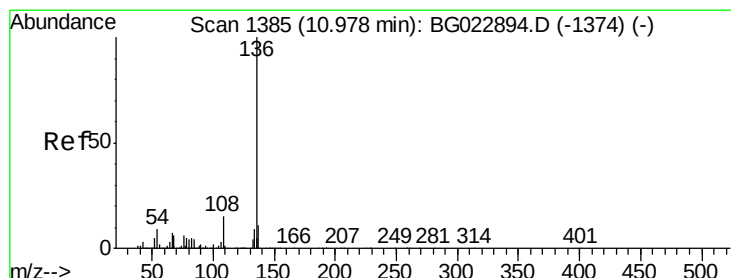
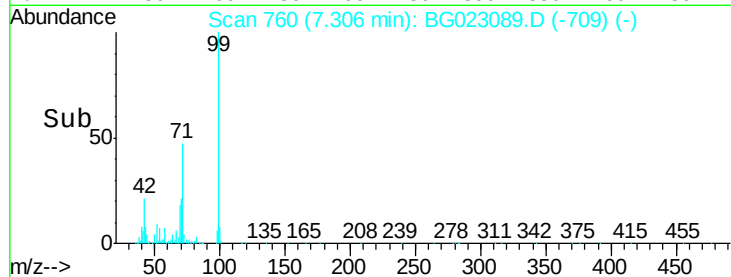
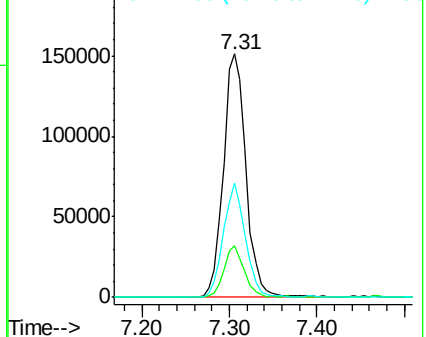


Abundance

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: 10.98 min Scan# 1385

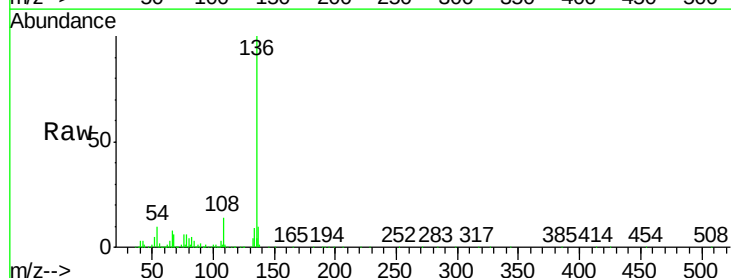
Delta R.T. 0.00 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

Tgt Ion: 136 Resp: 517164

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.6	7.3	10.9
68	6.1	5.3	7.9



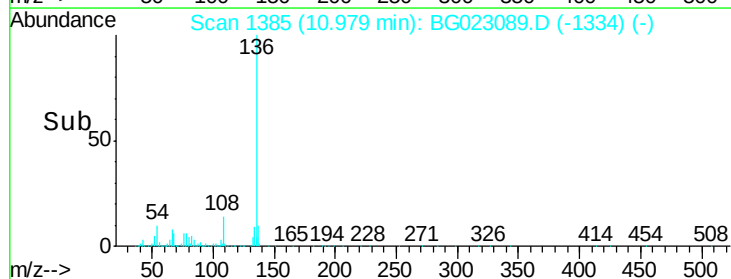
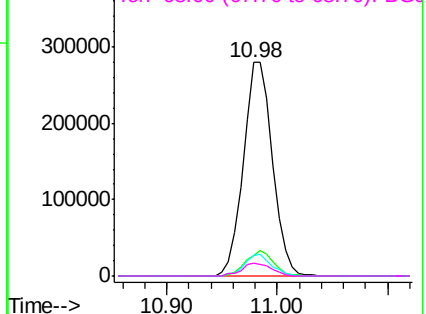
Abundance

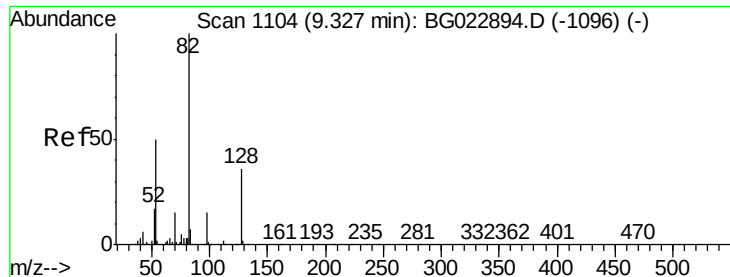
Ion 136.00 (135.70 to 136.70): BGC

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: 80.85 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-D-M

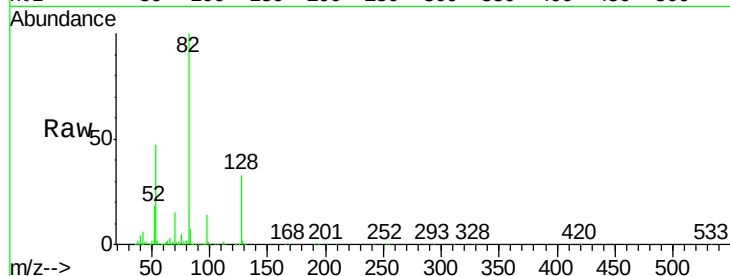
Tot Ion: 82 Resp: 976440

Ion Ratio Lower Upper

82 100

128 33.1 24.4 36.6

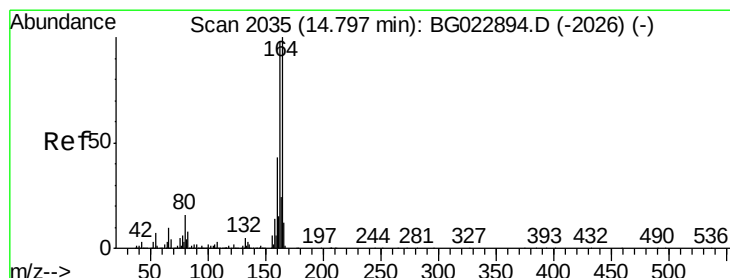
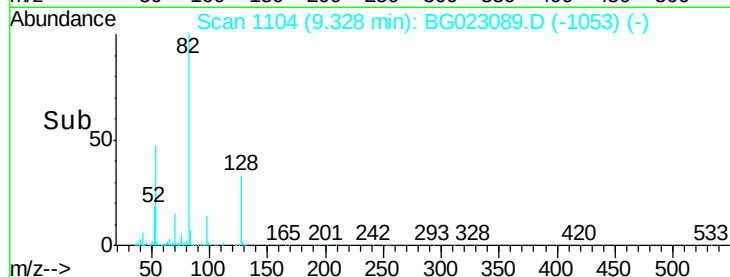
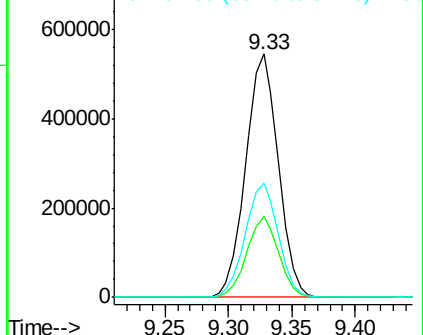
54 46.9 41.4 62.0



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: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

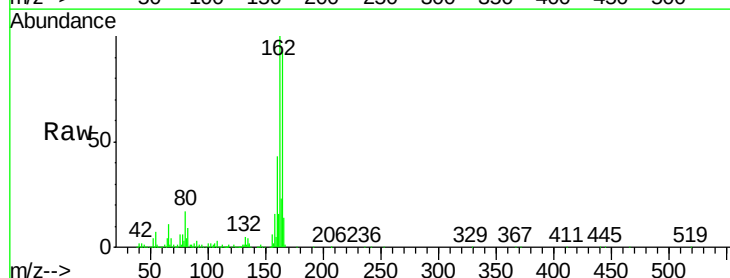
Tgt Ion: 164 Resp: 417920

Ion Ratio Lower Upper

164 100

162 107.6 87.7 131.5

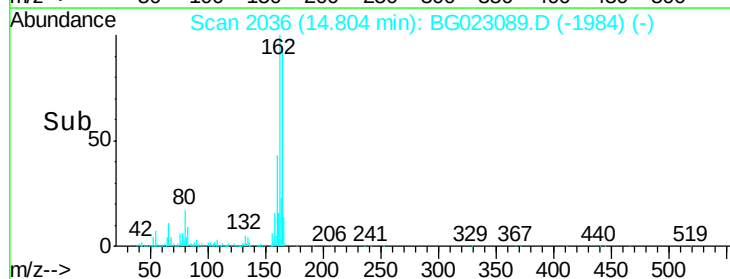
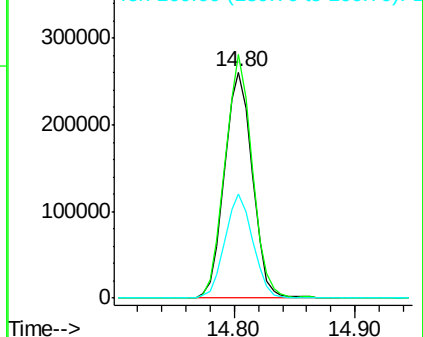
160 46.0 37.2 55.8

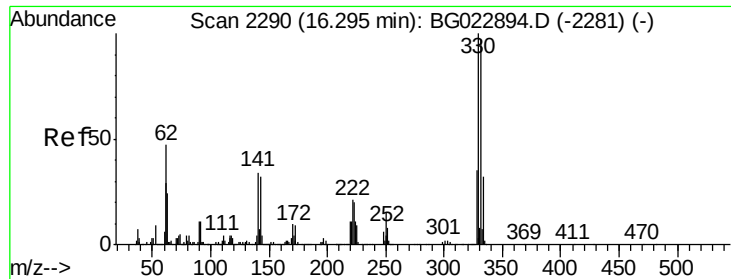


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

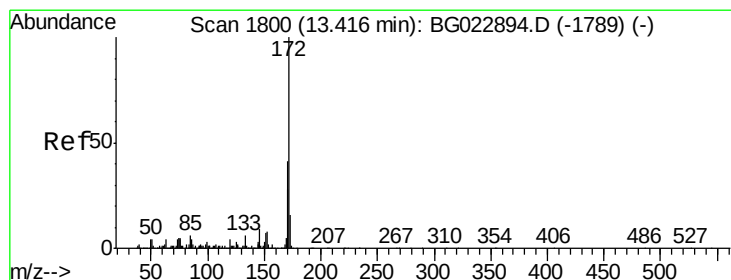
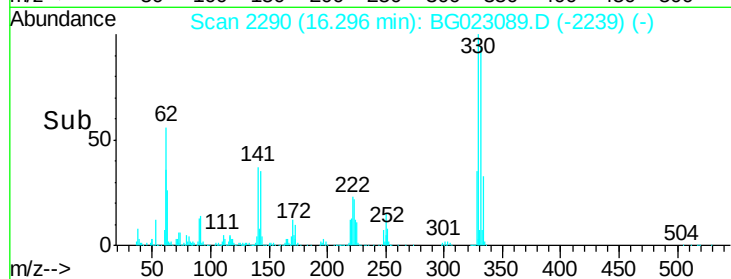
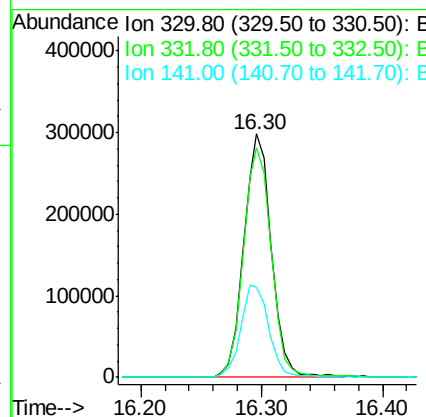
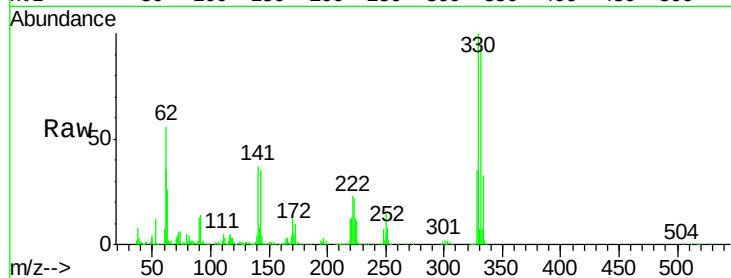




#41
 2,4,6-Tribromophenol
 Concen: 62.96 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG023089.D
 Acq: 14 Jul 2016 5:13

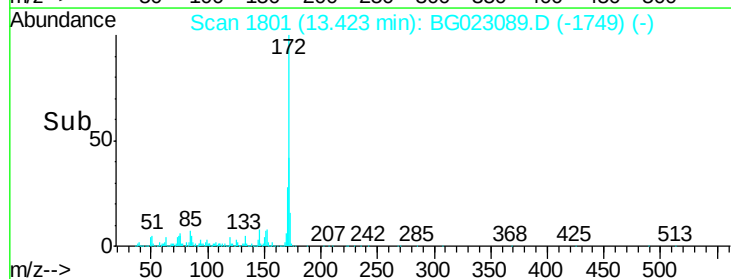
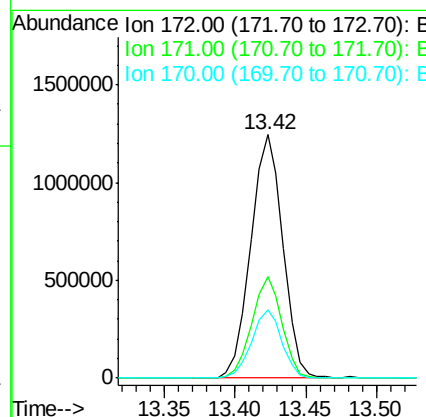
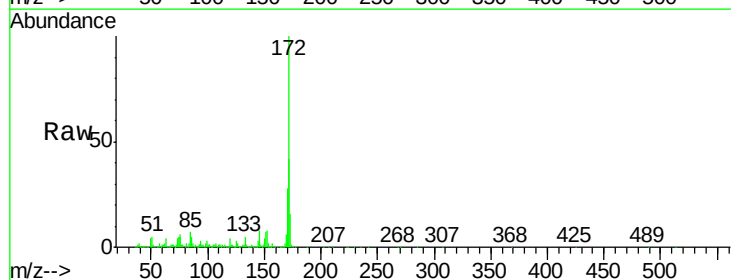
Instrument :
 BNA_G
 ClientSampleId :
 071116-P41-E-D-M

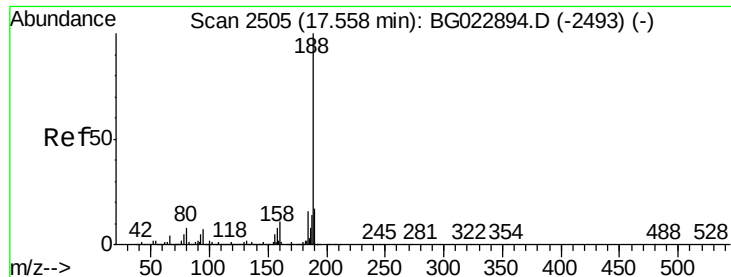
Tot Ion:330 Resp: 472907
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 38.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 74.79 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023089.D
 Acq: 14 Jul 2016 5:13

Tgt Ion:172 Resp: 1984322
 Ion Ratio Lower Upper
 172 100
 171 41.9 31.6 47.4
 170 28.2 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-D-M

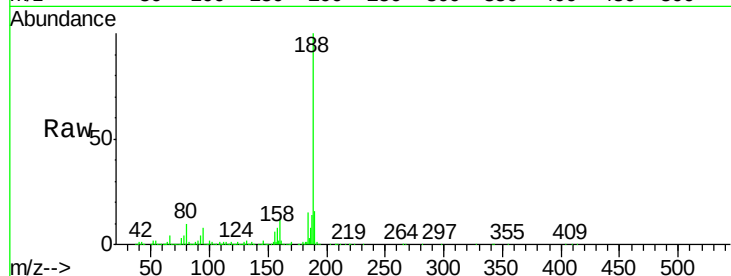
Tot Ion:188 Resp: 997525

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

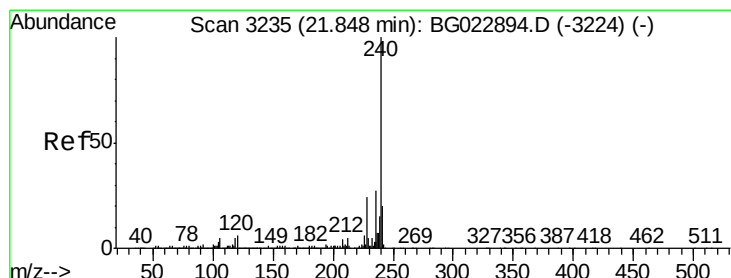
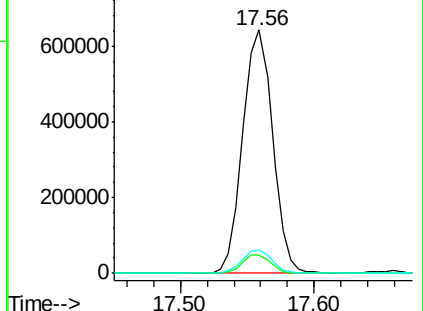
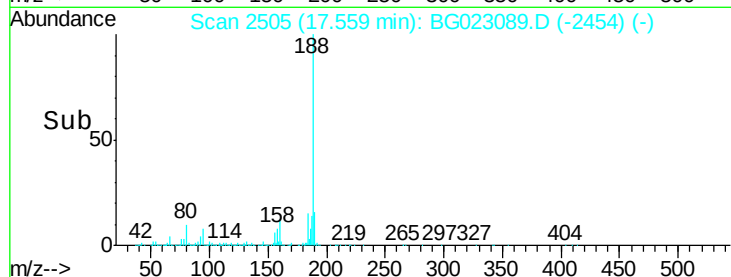
80 9.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG022894.D (-2493) (-)

Ion 80.00 (79.70 to 80.70): BG022894.D (-2493) (-)



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

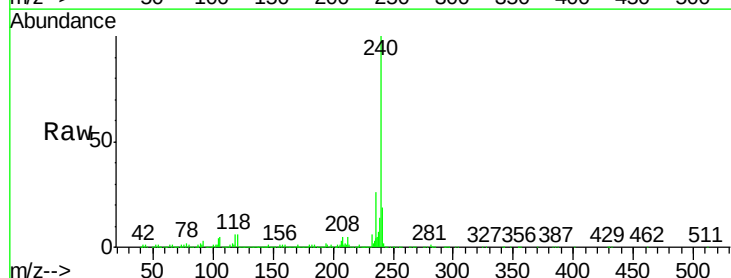
Tgt Ion:240 Resp: 1062403

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

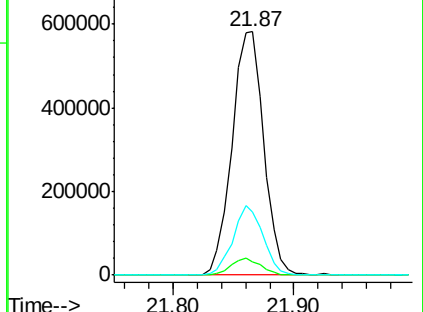
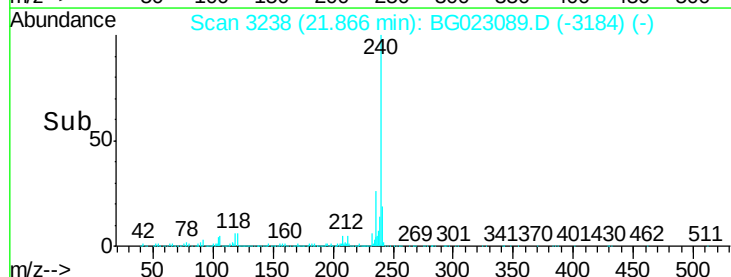
236 26.1 21.1 31.7

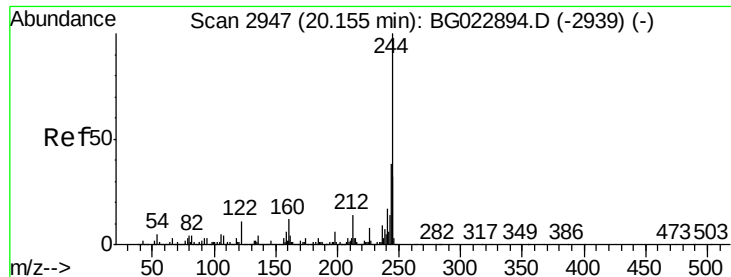


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.17 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-D-M

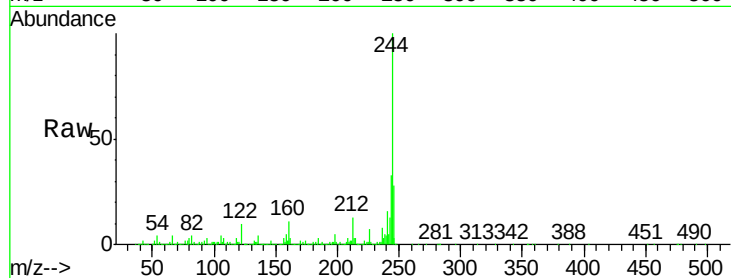
Tot Ion:244 Resp: 2829909

Ion Ratio Lower Upper

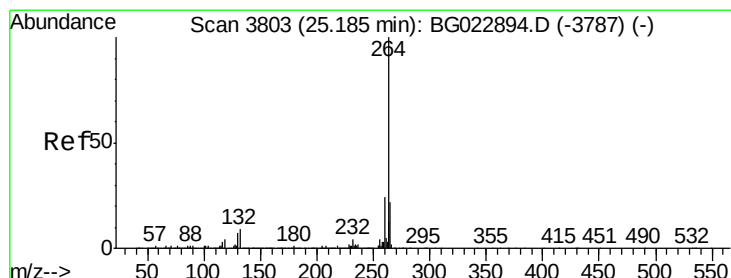
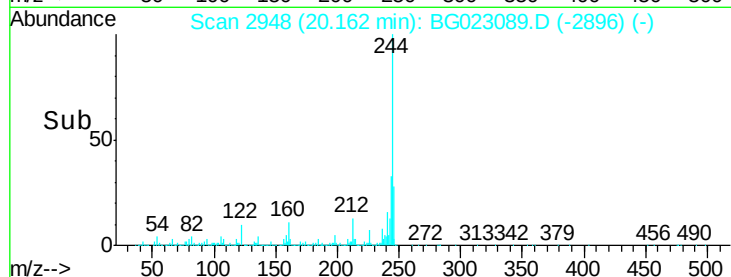
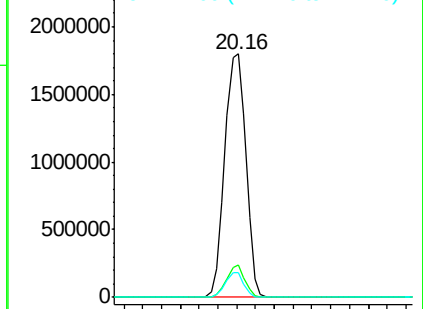
244 100

212 13.2 10.8 16.2

122 10.0 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023089.D

Acq: 14 Jul 2016 5:13

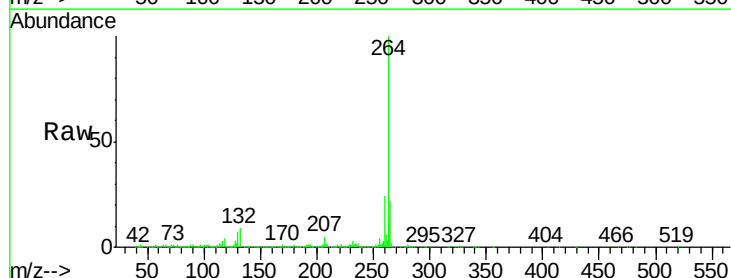
Tgt Ion:264 Resp: 1055927

Ion Ratio Lower Upper

264 100

260 23.9 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

