

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023022.D
 Acq On : 12 Jul 2016 5:18
 Operator : UM/SJ
 Sample : H3967-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0007

Quant Time: Jul 12 07:31:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97031	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	486946	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	389590	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	877153	20.00	ng	0.00
75) Chrysene-d12	21.86	240	957761	20.00	ng	0.02
86) Perylene-d12	25.25	264	945703	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	385764	65.02	ng	0.00
7) Phenol-d6	7.31	99	391308	42.11	ng	0.00
23) Nitrobenzene-d5	9.32	82	1070046	94.09	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	780194	111.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2269515	91.76	ng	0.00
78) Terphenyl-d14	20.17	244	2978039	110.72	ng	0.01

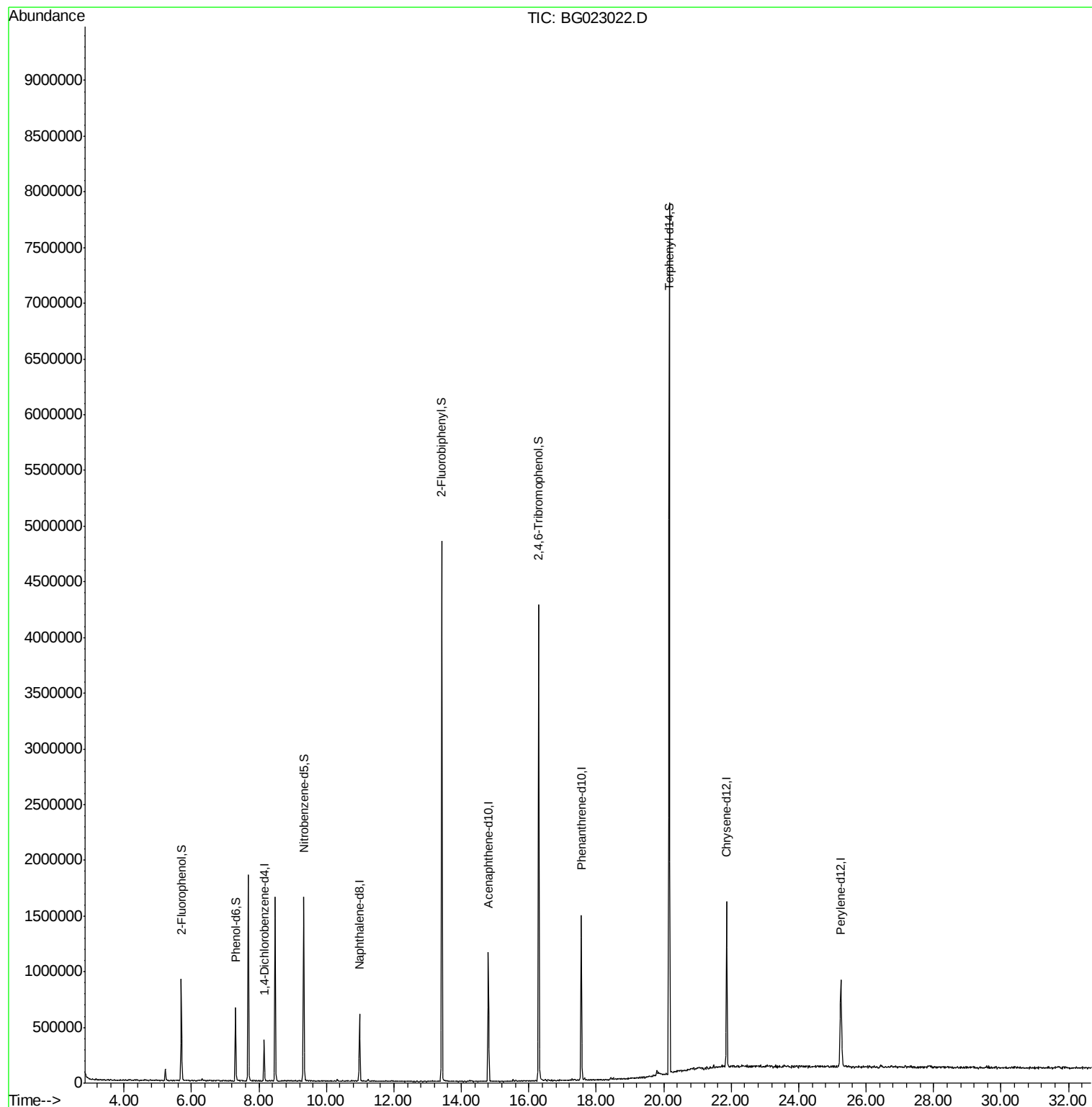
Target Compounds Qvalue

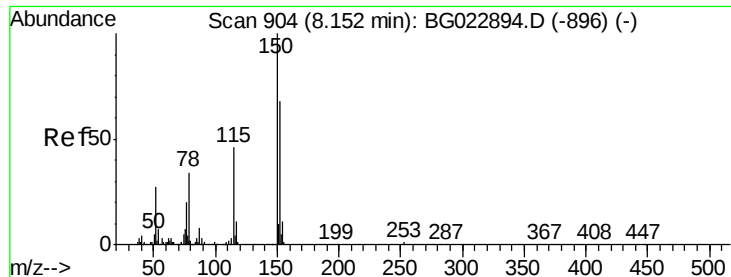
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023022.D

Acq: 12 Jul 2016 5:18

Instrument :

BNA_G

ClientSampleId :

S22-0007

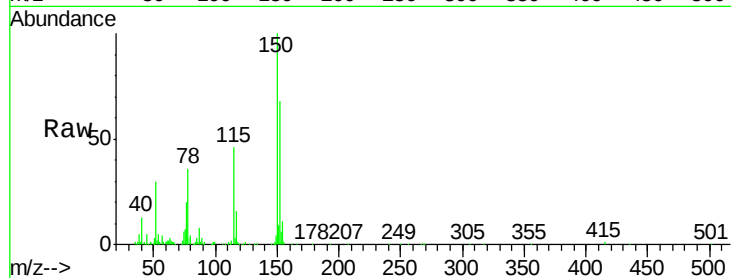
Tot Ion:152 Resp: 97031

Ion Ratio Lower Upper

152 100

150 148.1 144.7 217.1

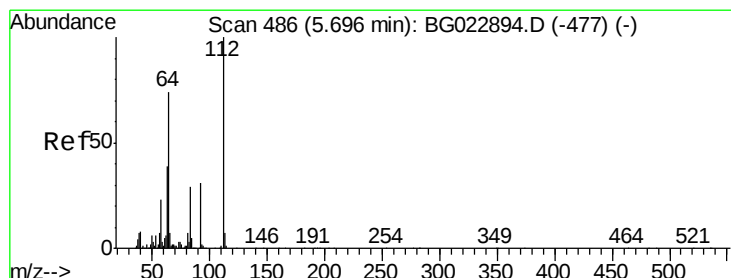
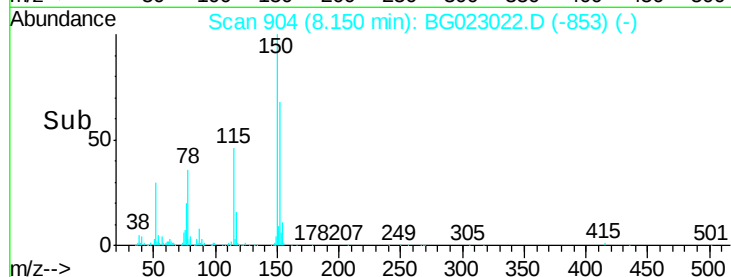
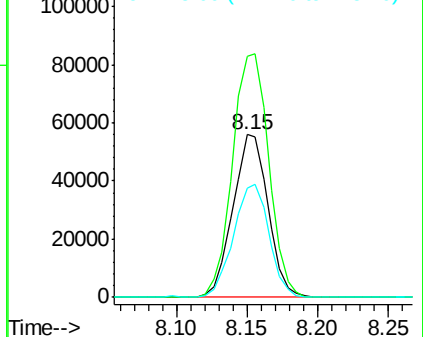
115 67.4 64.0 96.0



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: 65.02 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023022.D

Acq: 12 Jul 2016 5:18

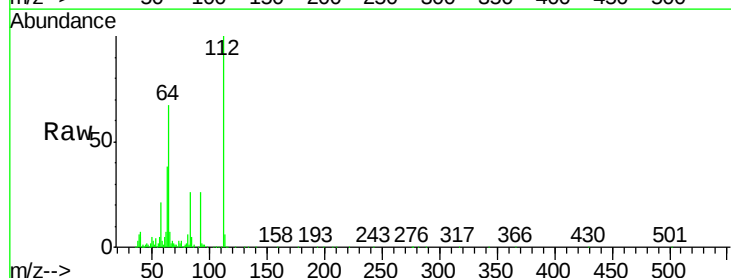
Tgt Ion:112 Resp: 385764

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

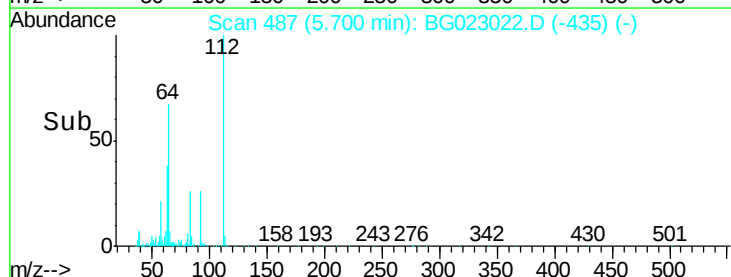
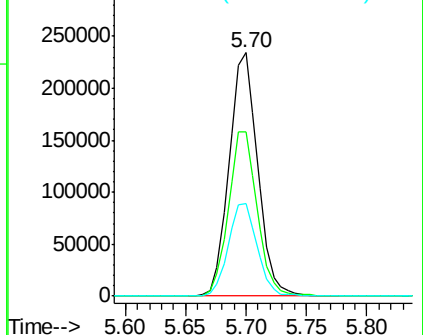
63 38.2 37.8 56.8

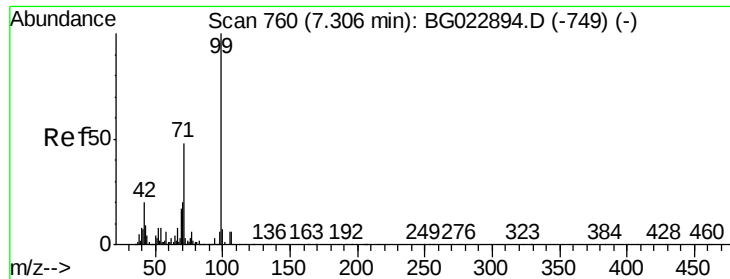


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 42.11 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023022.D

Acq: 12 Jul 2016 5:18

Instrument :

BNA_G

ClientSampleId :

S22-0007

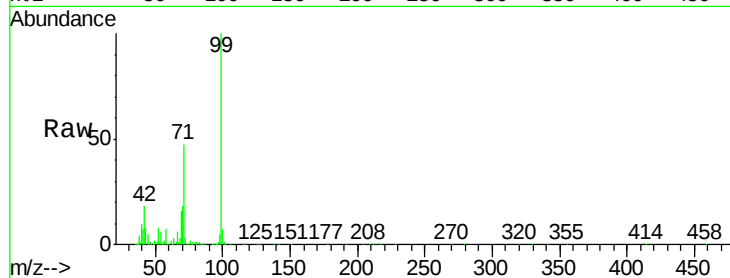
Tot Ion: 99 Resp: 391308

Ion Ratio Lower Upper

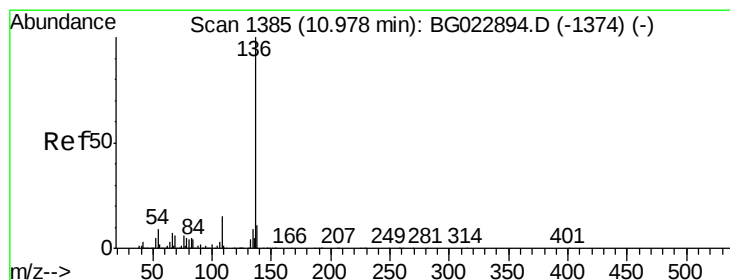
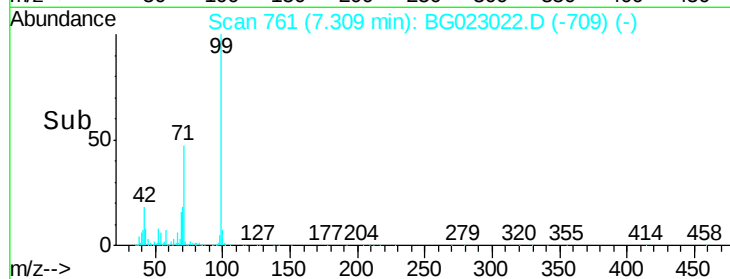
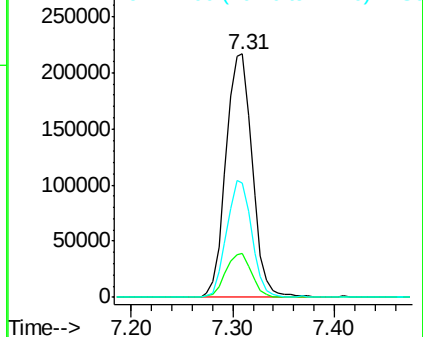
99 100

42 17.9 17.8 26.6

71 47.1 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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023022.D

Acq: 12 Jul 2016 5:18

Tgt Ion: 136 Resp: 486946

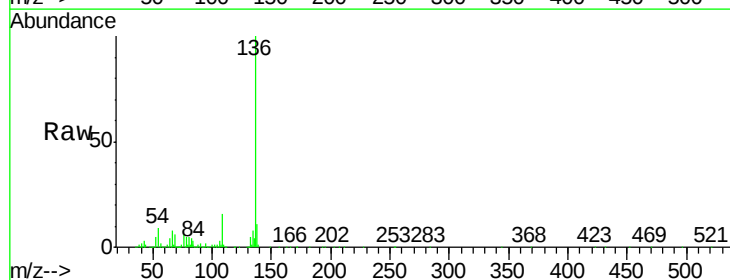
Ion Ratio Lower Upper

136 100

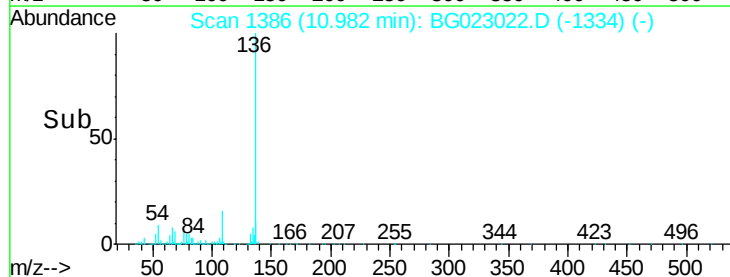
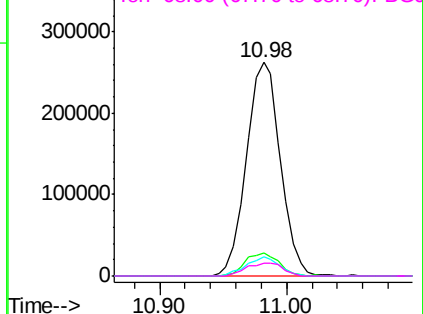
137 11.0 9.6 14.4

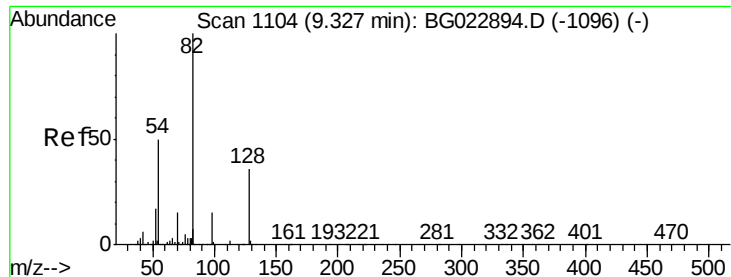
54 9.3 7.3 10.9

68 6.3 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

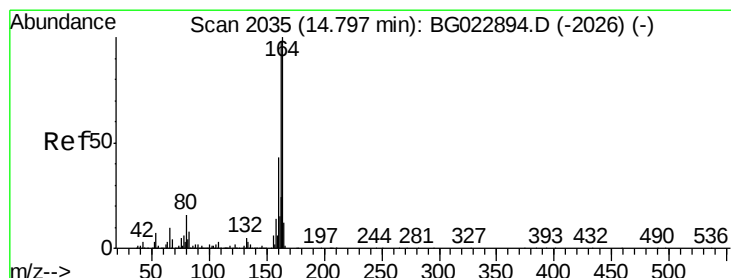
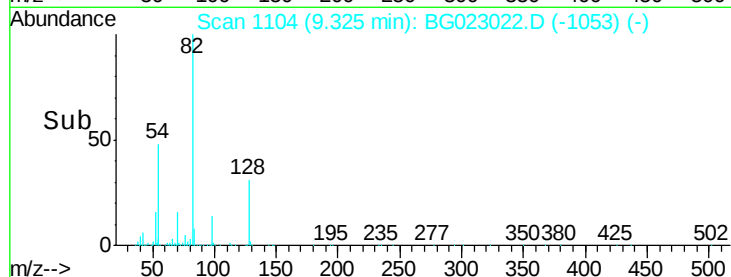
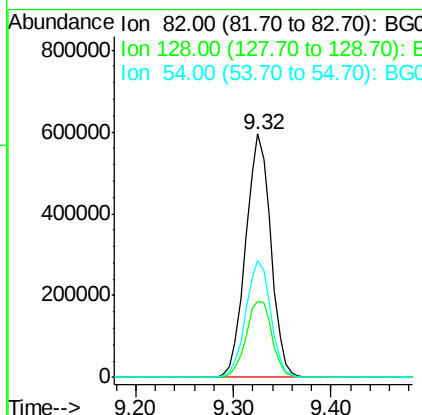
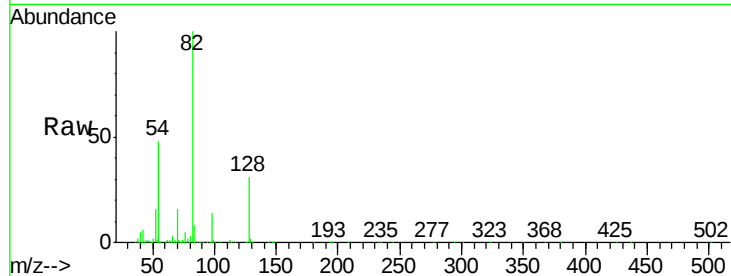




#23
Nitrobenzene-d5
Concen: 94.09 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023022.D
Acq: 12 Jul 2016 5:18

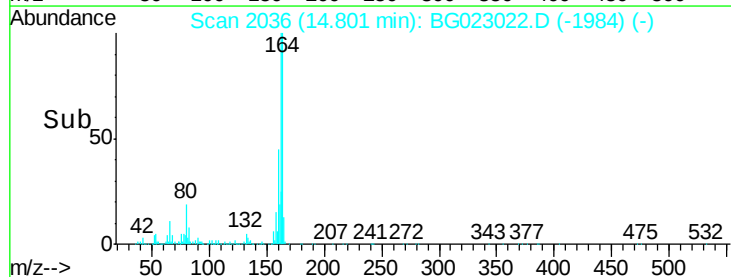
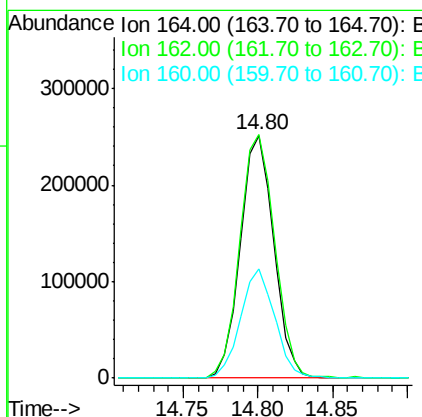
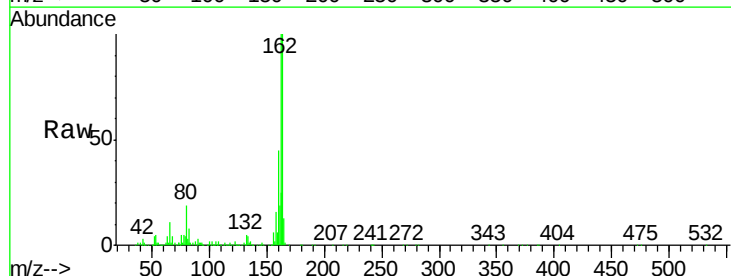
Instrument :
BNA_G
ClientSampleId :
S22-0007

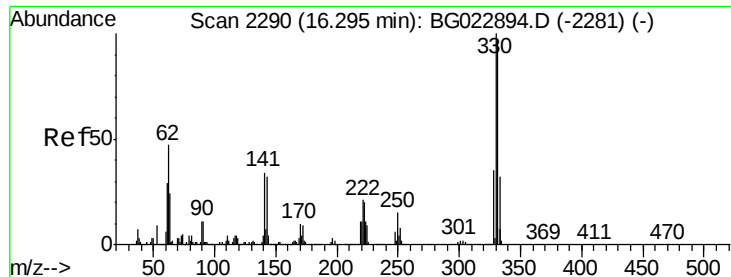
Tot Ion: 82 Resp: 1070046
Ion Ratio Lower Upper
82 100
128 31.4 24.4 36.6
54 48.0 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023022.D
Acq: 12 Jul 2016 5:18

Tgt Ion: 164 Resp: 389590
Ion Ratio Lower Upper
164 100
162 100.2 87.7 131.5
160 44.9 37.2 55.8

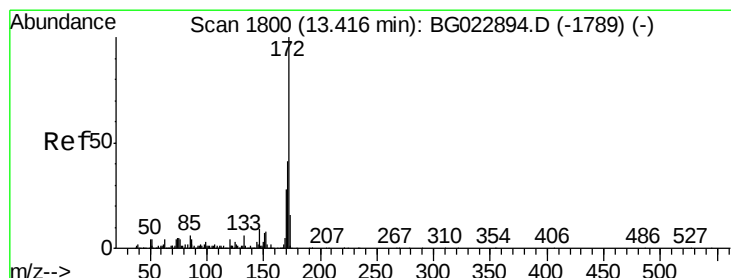
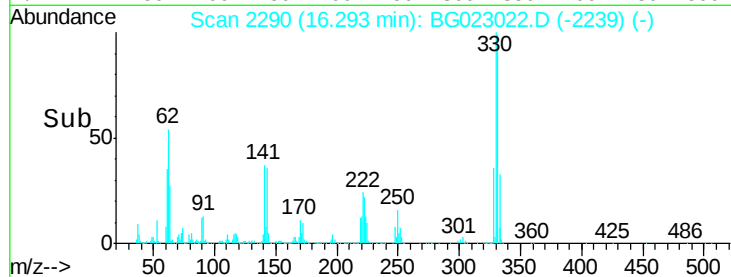
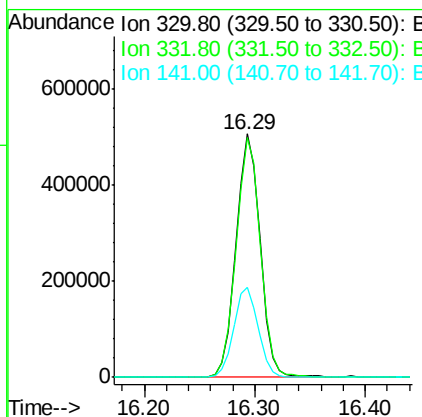
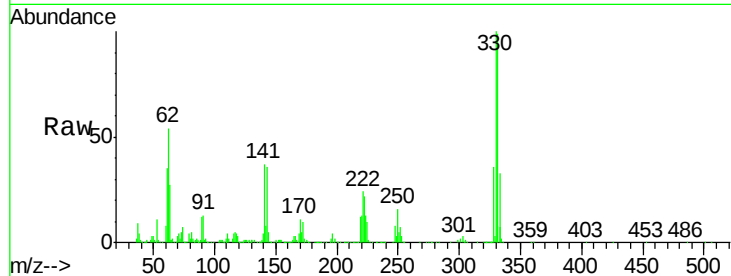




#41
 2,4,6-Tribromophenol
 Concen: 111.43 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023022.D
 Acq: 12 Jul 2016 5:18

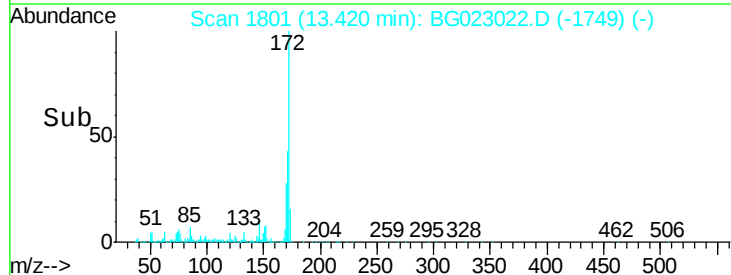
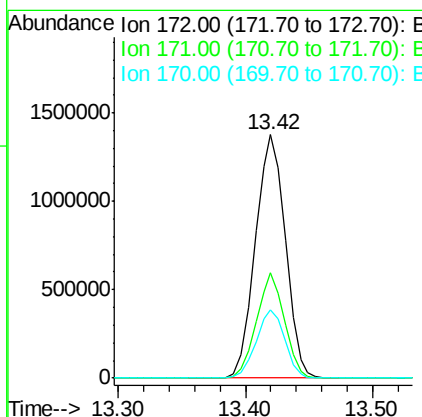
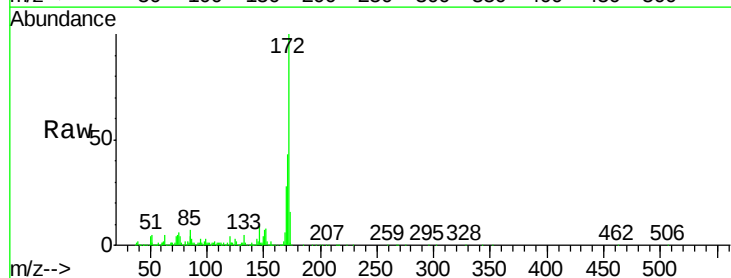
Instrument :
 BNA_G
 ClientSampleId :
 S22-0007

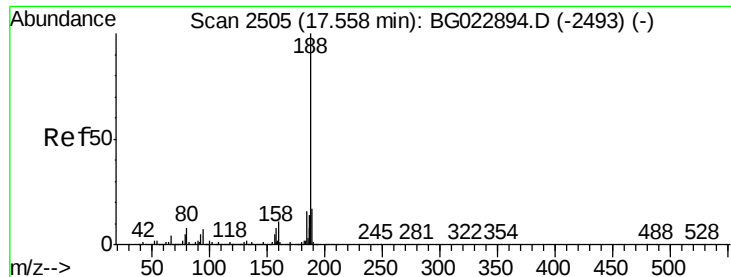
Tot Ion:330 Resp: 780194
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.4 116.2
 141 37.8 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 91.76 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023022.D
 Acq: 12 Jul 2016 5:18

Tgt Ion:172 Resp: 2269515
 Ion Ratio Lower Upper
 172 100
 171 43.4 31.6 47.4
 170 28.3 21.3 31.9

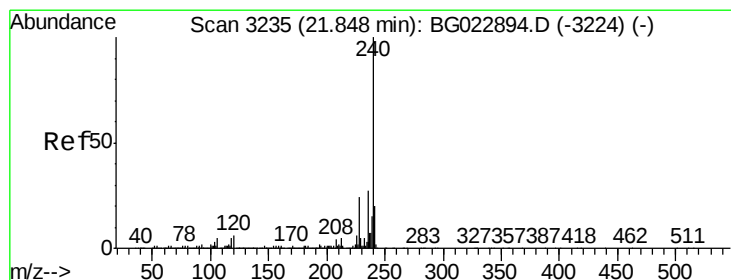
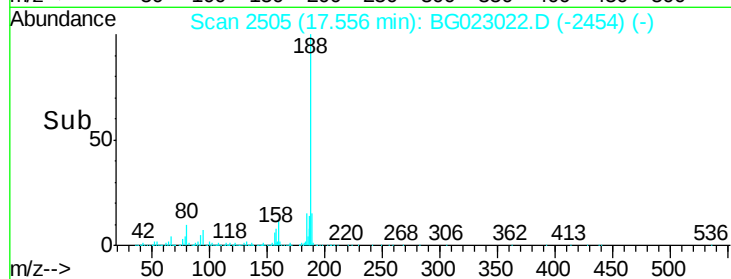
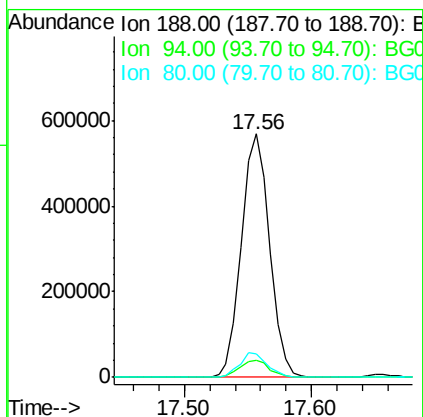
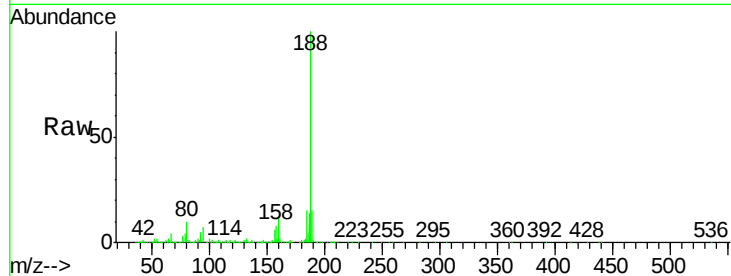




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023022.D
Acq: 12 Jul 2016 5:18

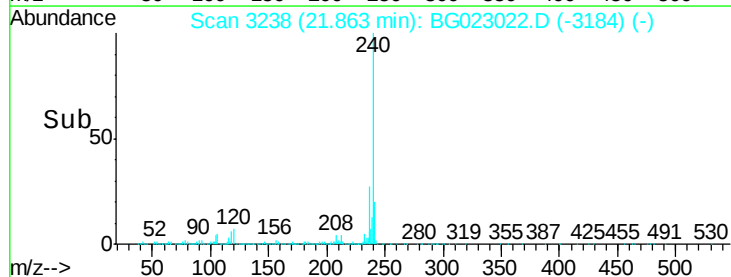
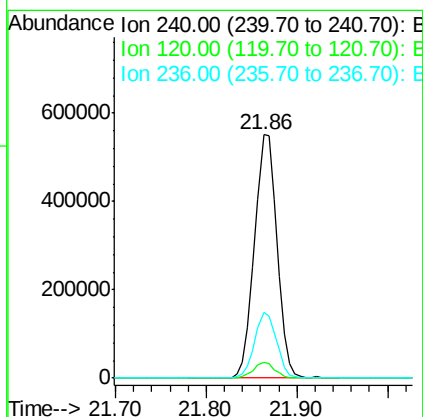
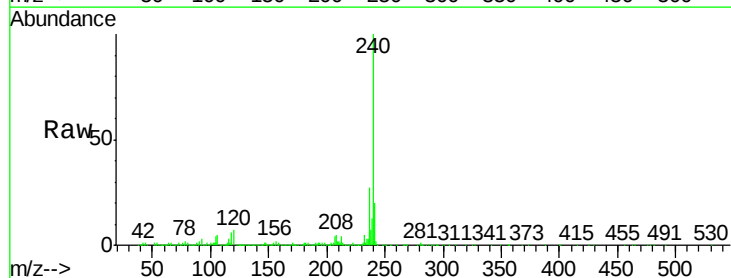
Instrument :
BNA_G
ClientSampleId :
S22-0007

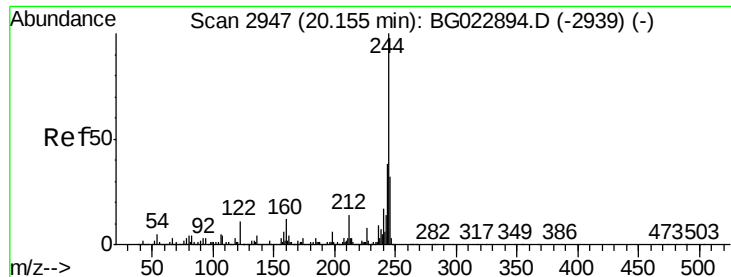
Tot Ion:188 Resp: 877153
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 9.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023022.D
Acq: 12 Jul 2016 5:18

Tgt Ion:240 Resp: 957761
Ion Ratio Lower Upper
240 100
120 6.6 4.1 6.1#
236 26.7 21.1 31.7





#78

Terphenyl-d14

Concen: 110.72 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023022.D

Acq: 12 Jul 2016 5:18

Instrument :

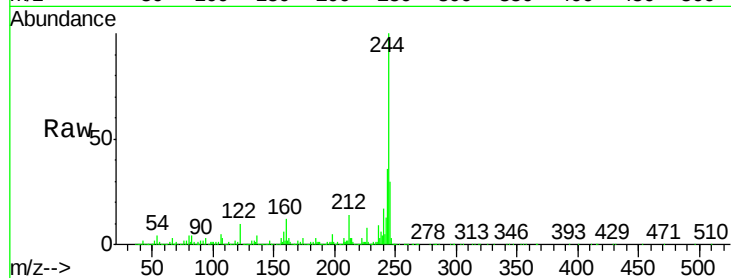
BNA_G

ClientSampleId :

S22-0007

Tot Ion:244 Resp: 2978039

Ion	Ratio	Lower	Upper
244	100		
212	13.9	10.8	16.2
122	10.4	8.0	12.0

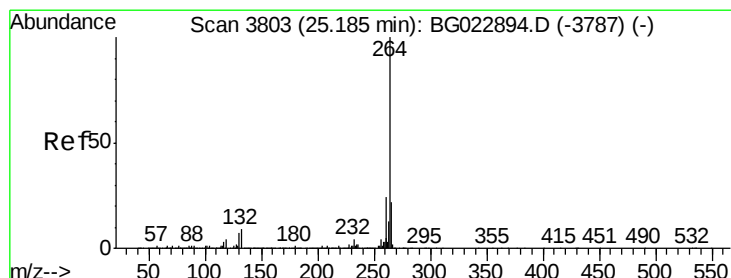
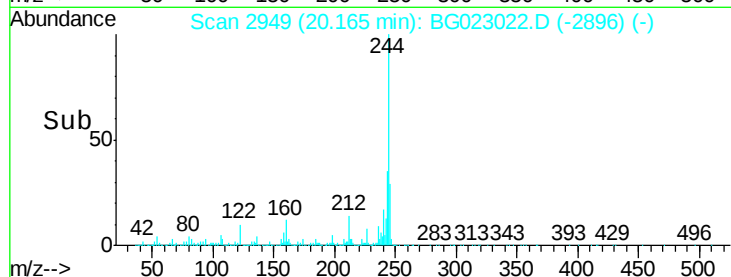
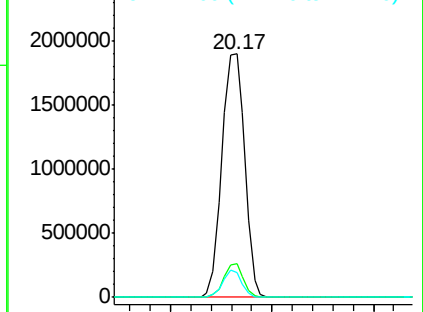


Abundance

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: 25.25 min Scan# 3814

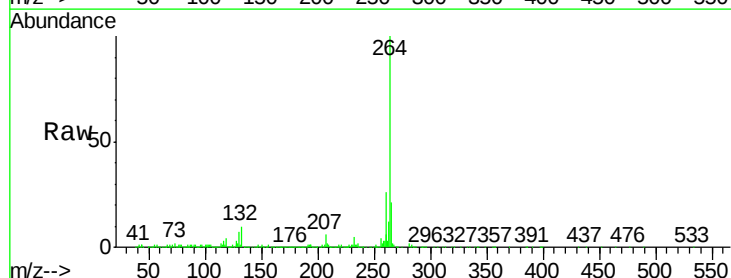
Delta R.T. 0.06 min

Lab File: BG023022.D

Acq: 12 Jul 2016 5:18

Tgt Ion:264 Resp: 945703

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.4	27.6
265	21.5	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

