

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023026.D
 Acq On : 12 Jul 2016 7:57
 Operator : UM/SJ
 Sample : H3972-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB09(13-15ft)

Quant Time: Jul 12 15:42:44 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

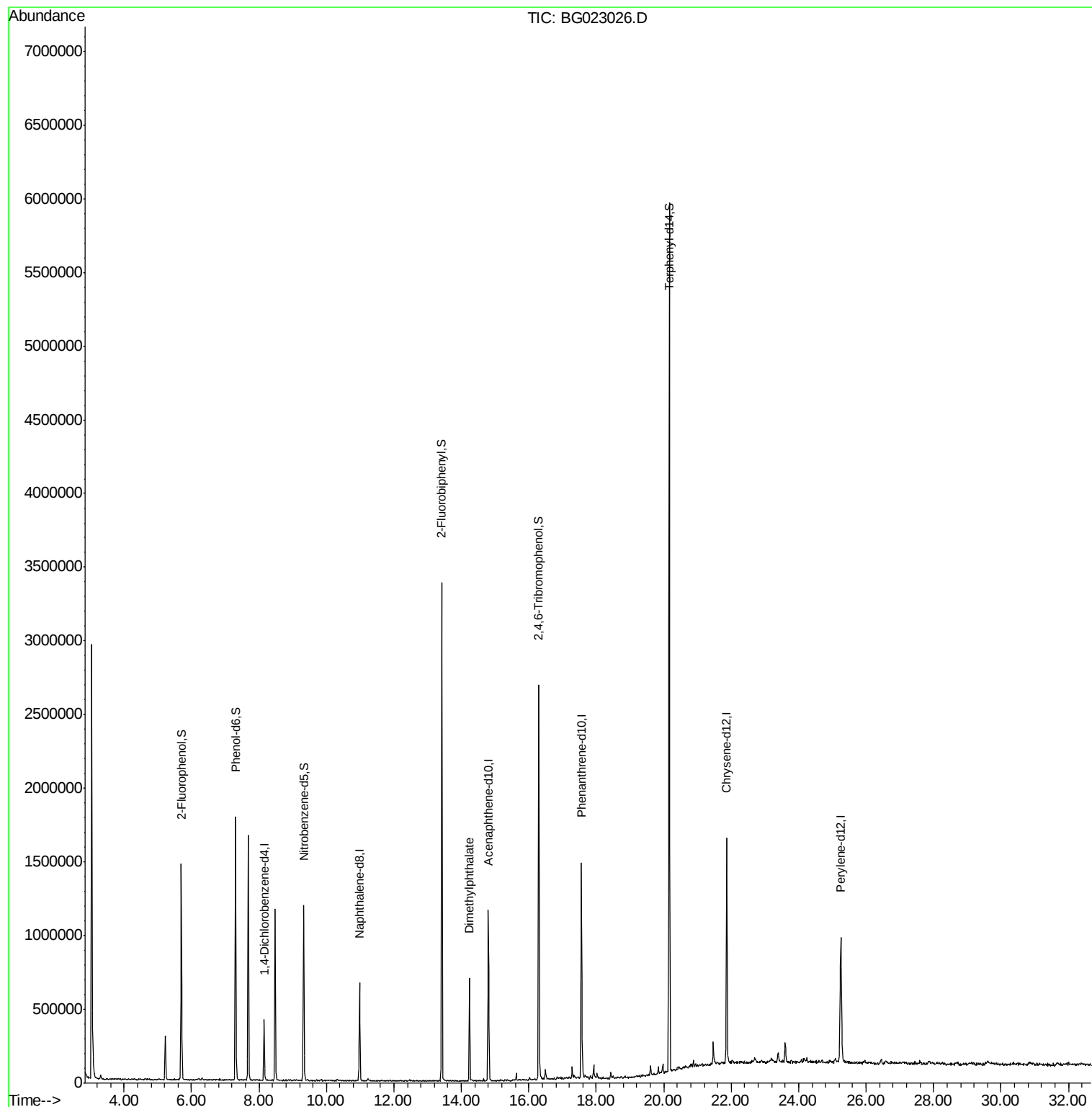
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	102672	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	507189	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	391616	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	895385	20.00	ng	0.00
75) Chrysene-d12	21.87	240	969384	20.00	ng	0.02
86) Perylene-d12	25.25	264	978378	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	608460	96.92	ng	0.00
7) Phenol-d6	7.31	99	1014731	103.20	ng	0.00
23) Nitrobenzene-d5	9.32	82	753243	63.59	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	494579	70.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1625041	65.36	ng	0.00
78) Terphenyl-d14	20.16	244	2247049	68.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	437023	13.66	ng	Qvalue 99

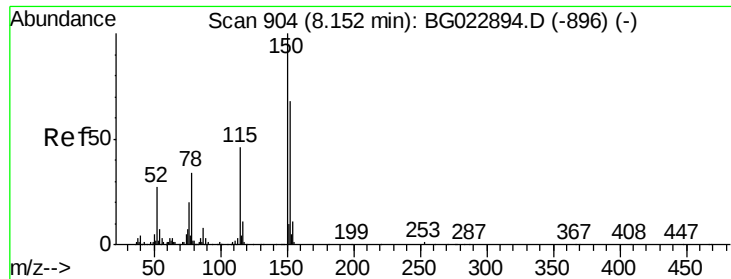
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB09(13-15ft)

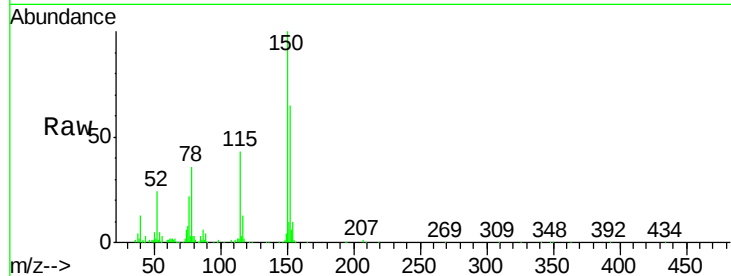
Tot Ion:152 Resp: 102672

Ion Ratio Lower Upper

152 100

150 155.0 144.7 217.1

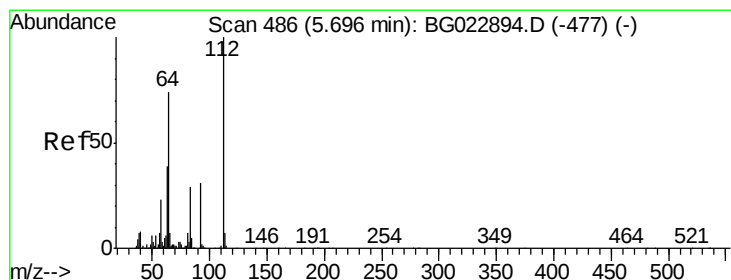
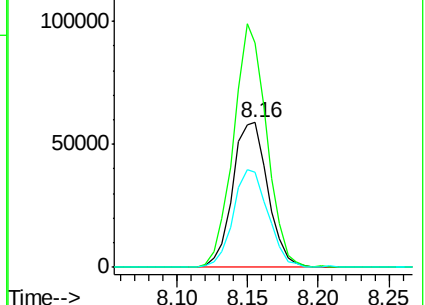
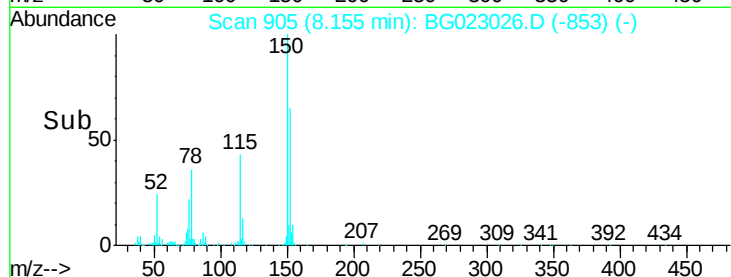
115 66.0 64.0 96.0



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: 96.92 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

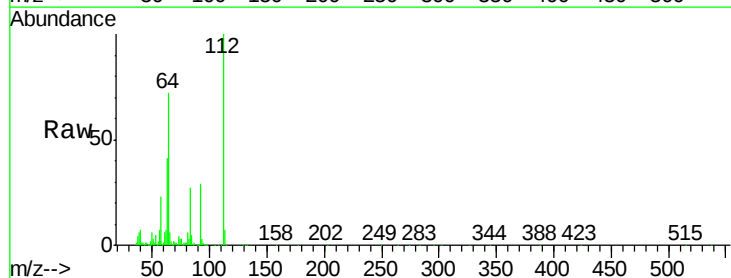
Tgt Ion:112 Resp: 608460

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

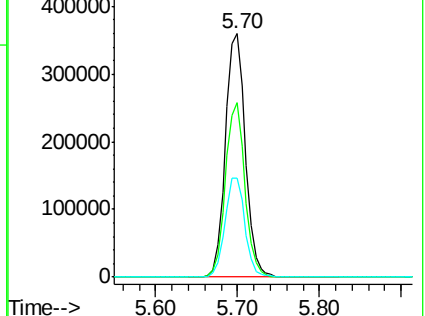
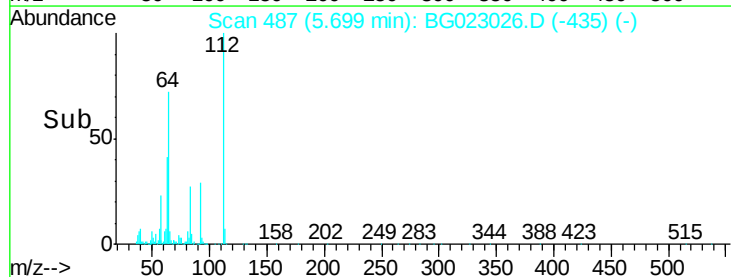
63 40.7 37.8 56.8

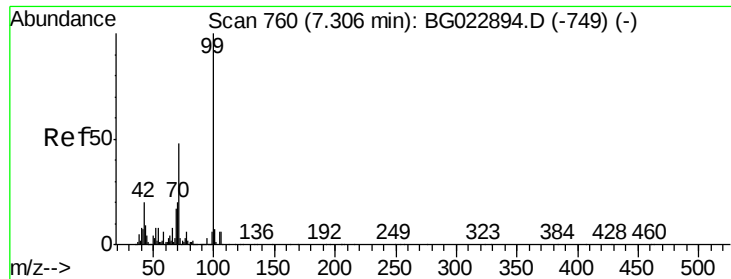


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.20 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB09(13-15ft)

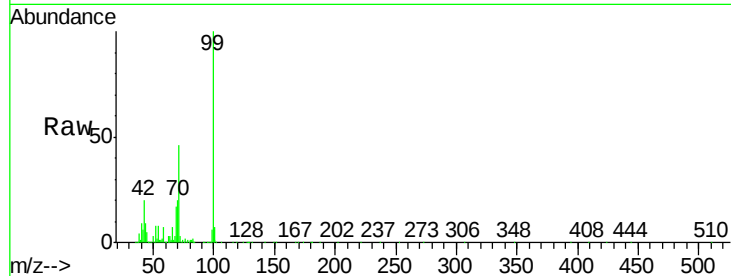
Tot Ion: 99 Resp: 1014731

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	46.3	41.5	62.3

99 100

42 19.8 17.8 26.6

71 46.3 41.5 62.3

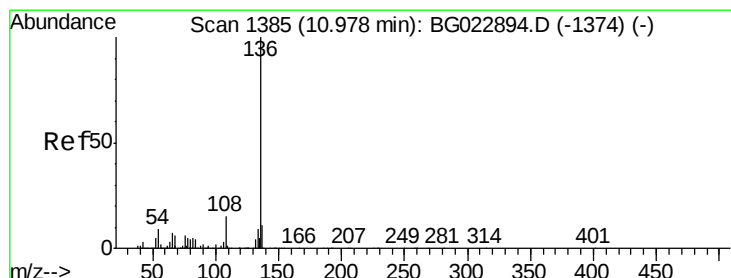
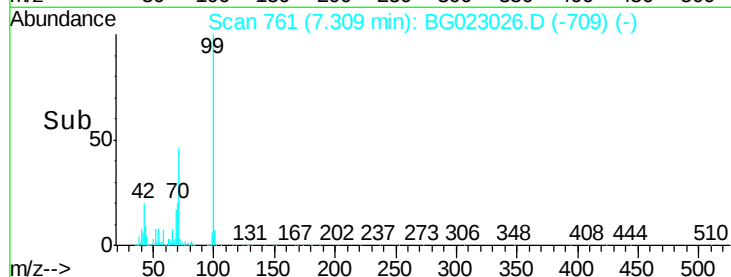
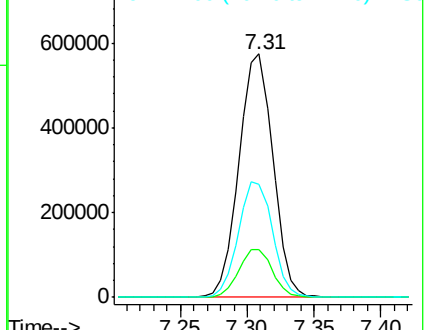


Abundance

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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Tgt Ion: 136 Resp: 507189

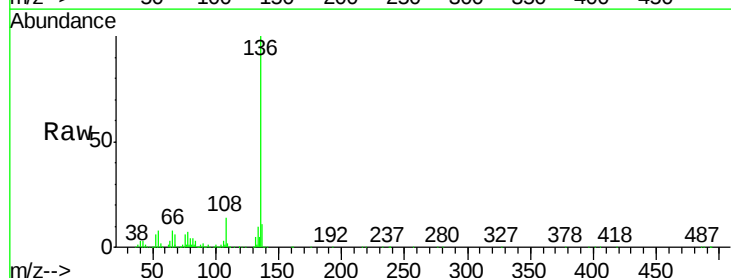
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	7.6	7.3	10.9
68	6.5	5.3	7.9

136 100

137 11.1 9.6 14.4

54 7.6 7.3 10.9

68 6.5 5.3 7.9



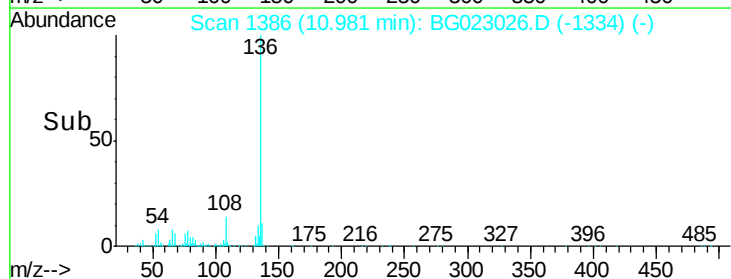
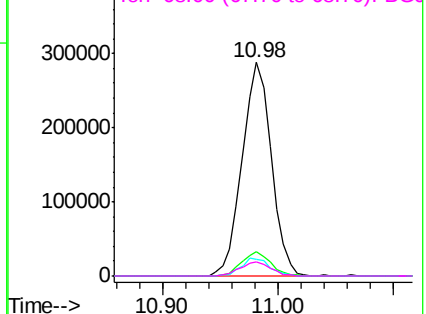
Abundance

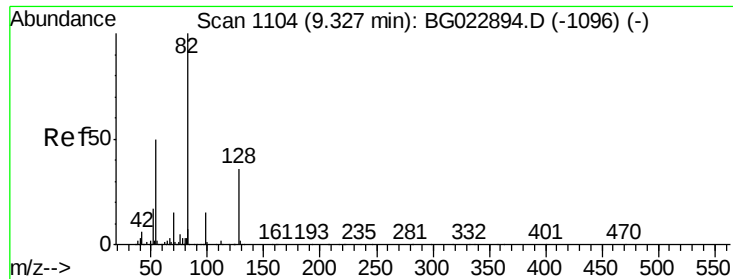
Ion 136.00 (135.70 to 136.70): BGC

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

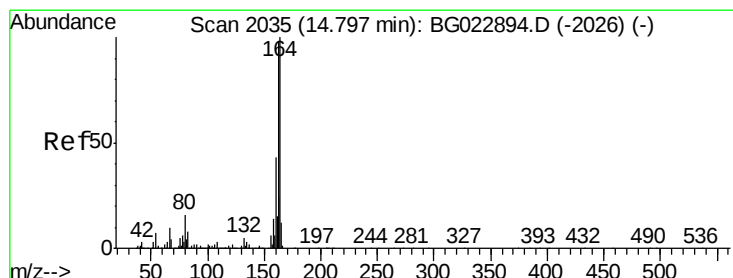
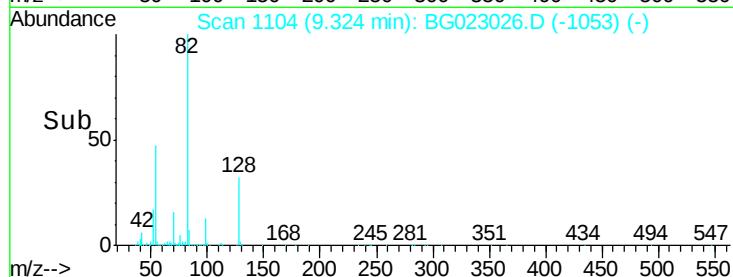
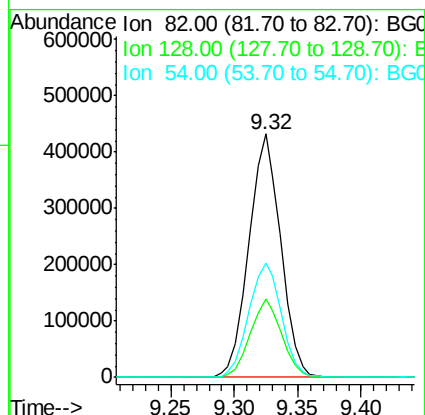
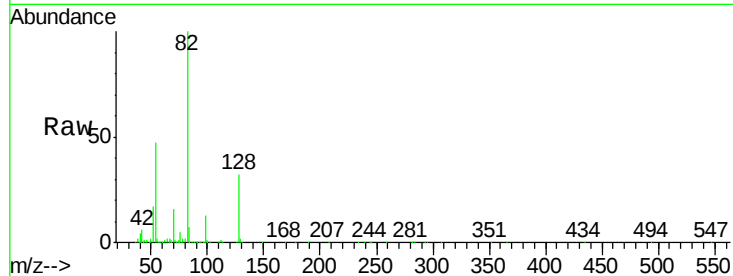




#23
 Nitrobenzene-d5
 Concen: 63.59 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

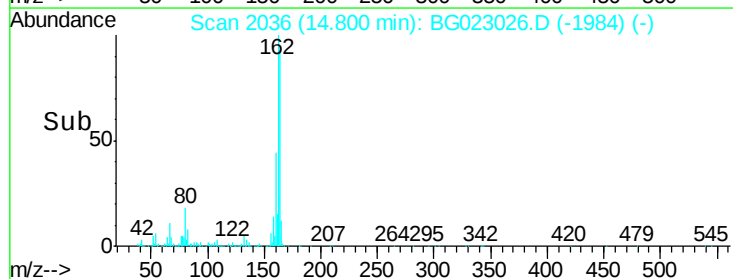
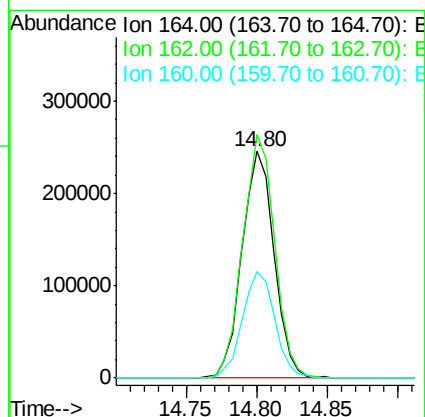
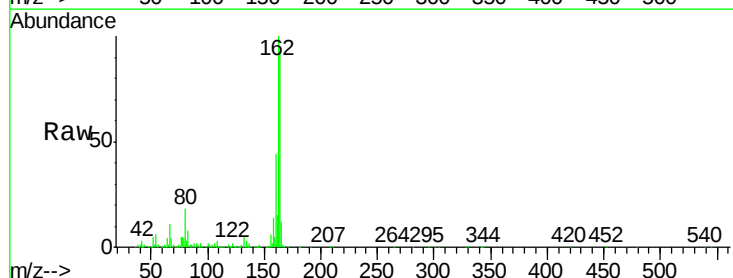
Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB09(13-15ft)

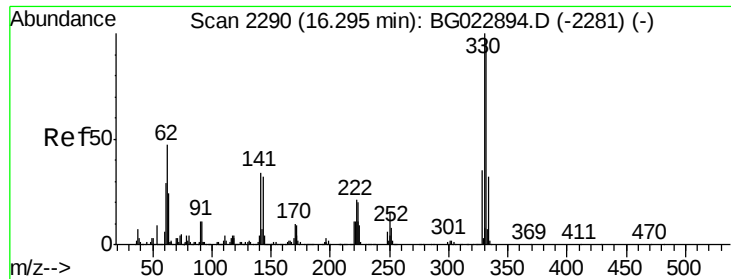
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	47.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	87.7	131.5
160	47.2	37.2	55.8

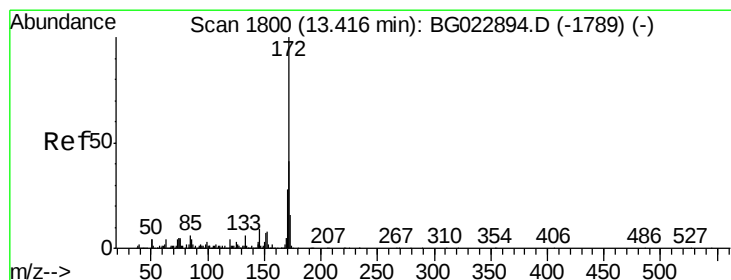
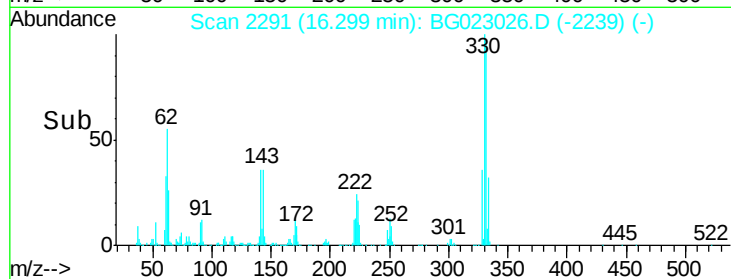
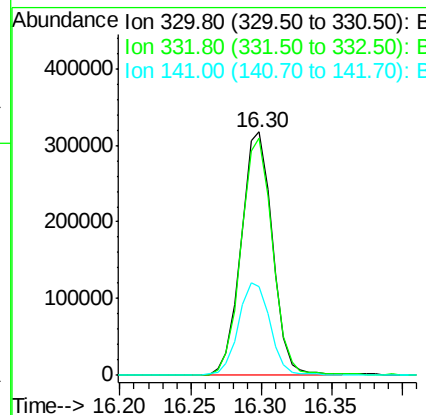
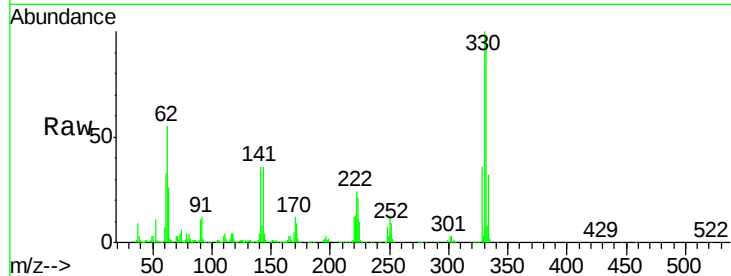




#41
 2,4,6-Tribromophenol
 Concen: 70.27 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

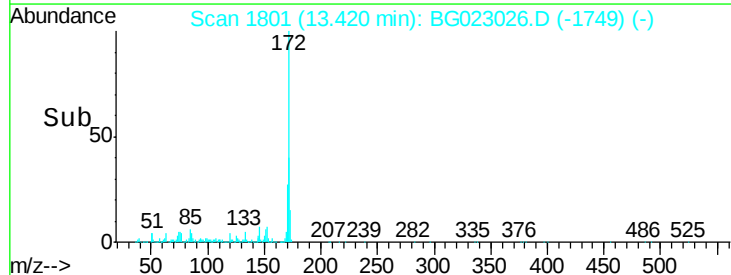
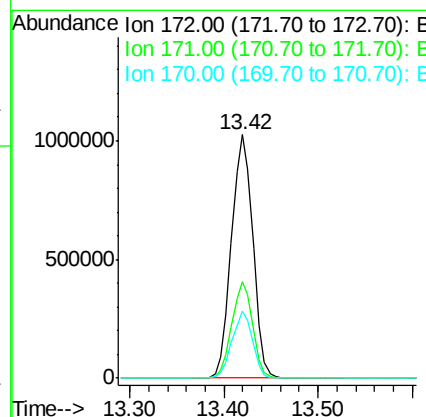
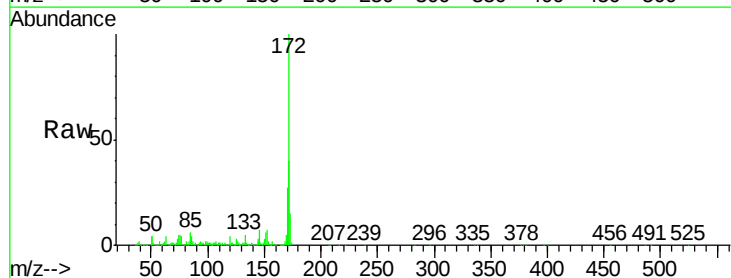
Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB09(13-15ft)

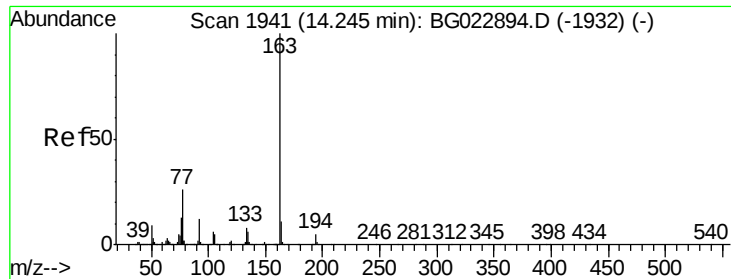
Tot Ion:330 Resp: 494579
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 38.6 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 65.36 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023026.D
 Acq: 12 Jul 2016 7:57

Tgt Ion:172 Resp: 1625041
 Ion Ratio Lower Upper
 172 100
 171 39.8 31.6 47.4
 170 27.4 21.3 31.9





#49

Dimethylphthalate

Concen: 13.66 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB09(13-15ft)

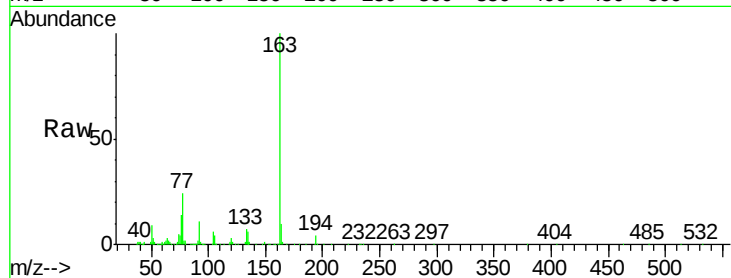
Tot Ion:163 Resp: 437023

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

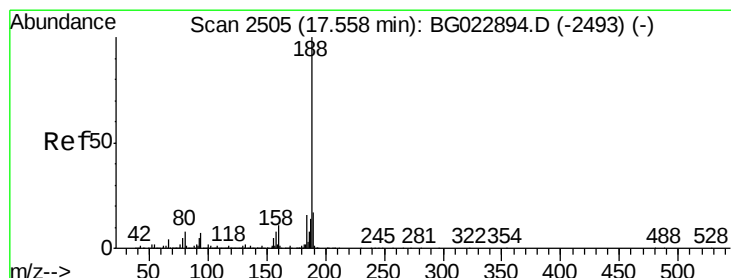
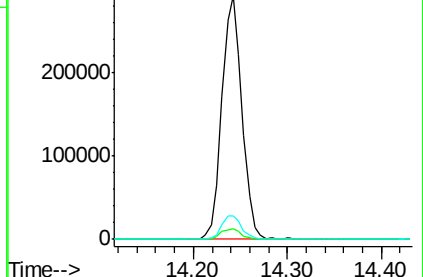
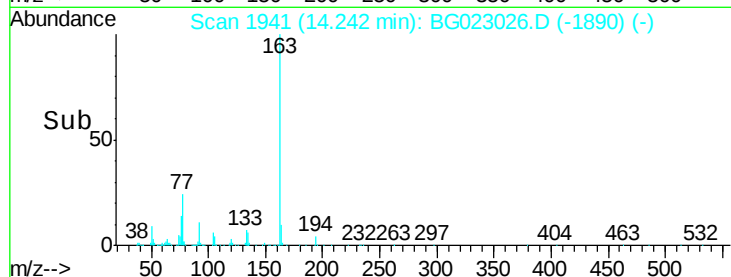
164 9.8 8.1 12.1



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: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

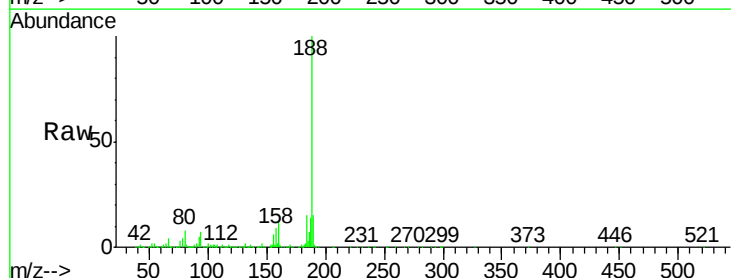
Tgt Ion:188 Resp: 895385

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

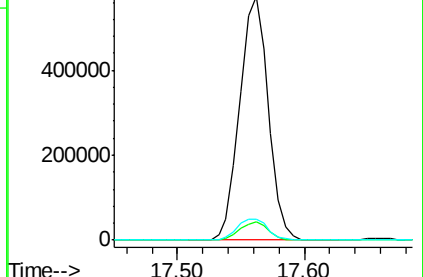
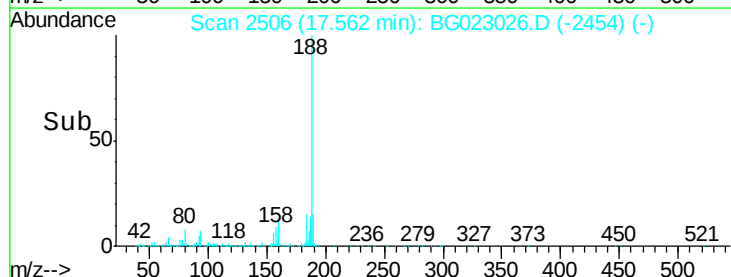
80 8.5 7.2 10.8

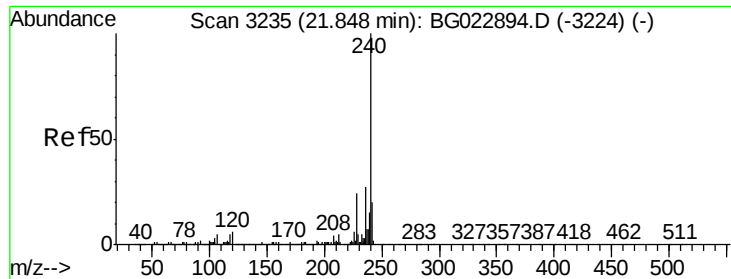


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB09(13-15ft)

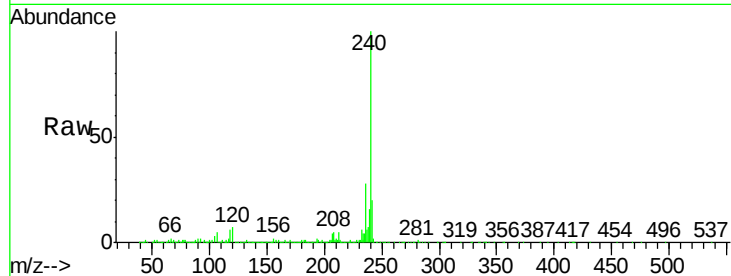
Tot Ion:240 Resp: 969384

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

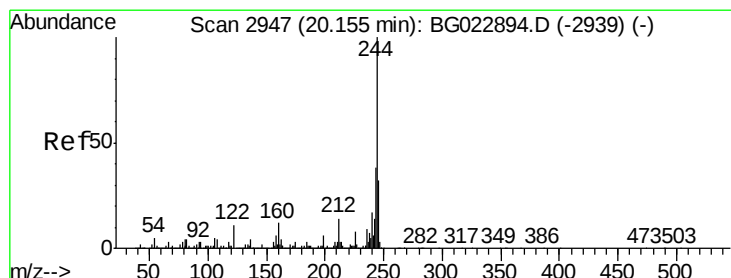
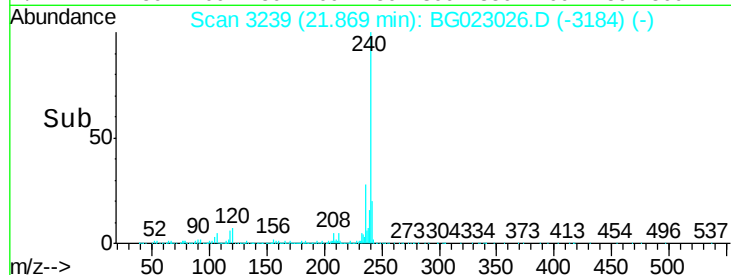
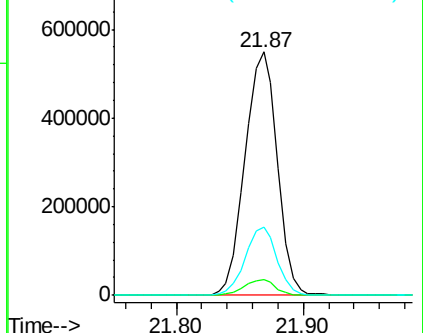
236 27.8 21.1 31.7



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: 68.11 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023026.D

Acq: 12 Jul 2016 7:57

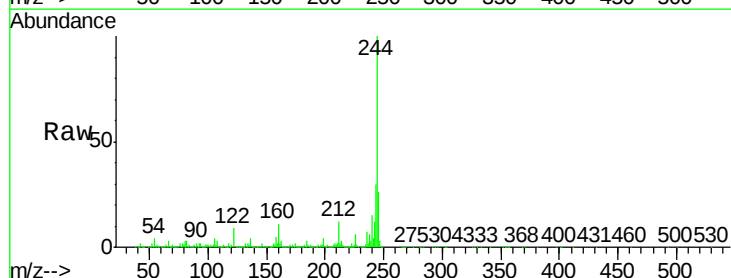
Tgt Ion:244 Resp: 2247049

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

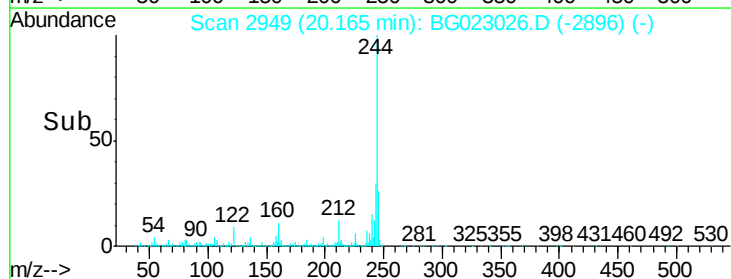
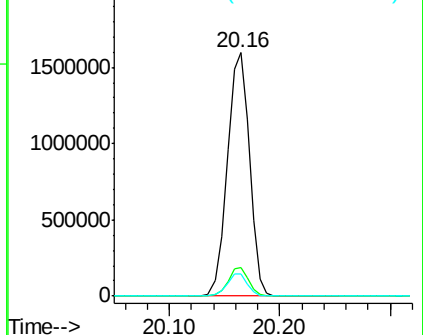
122 9.3 8.0 12.0

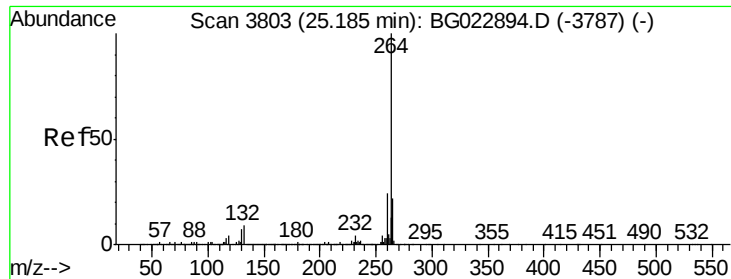


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.25 min Scan# 3814
Delta R.T. 0.06 min
Lab File: BG023026.D
Acq: 12 Jul 2016 7:57

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB09(13-15ft)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	23.3	18.9	28.3

