

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023025.D
 Acq On : 12 Jul 2016 7:17
 Operator : UM/SJ
 Sample : H3972-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB08(8-10ft)

Quant Time: Jul 12 07:58:25 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

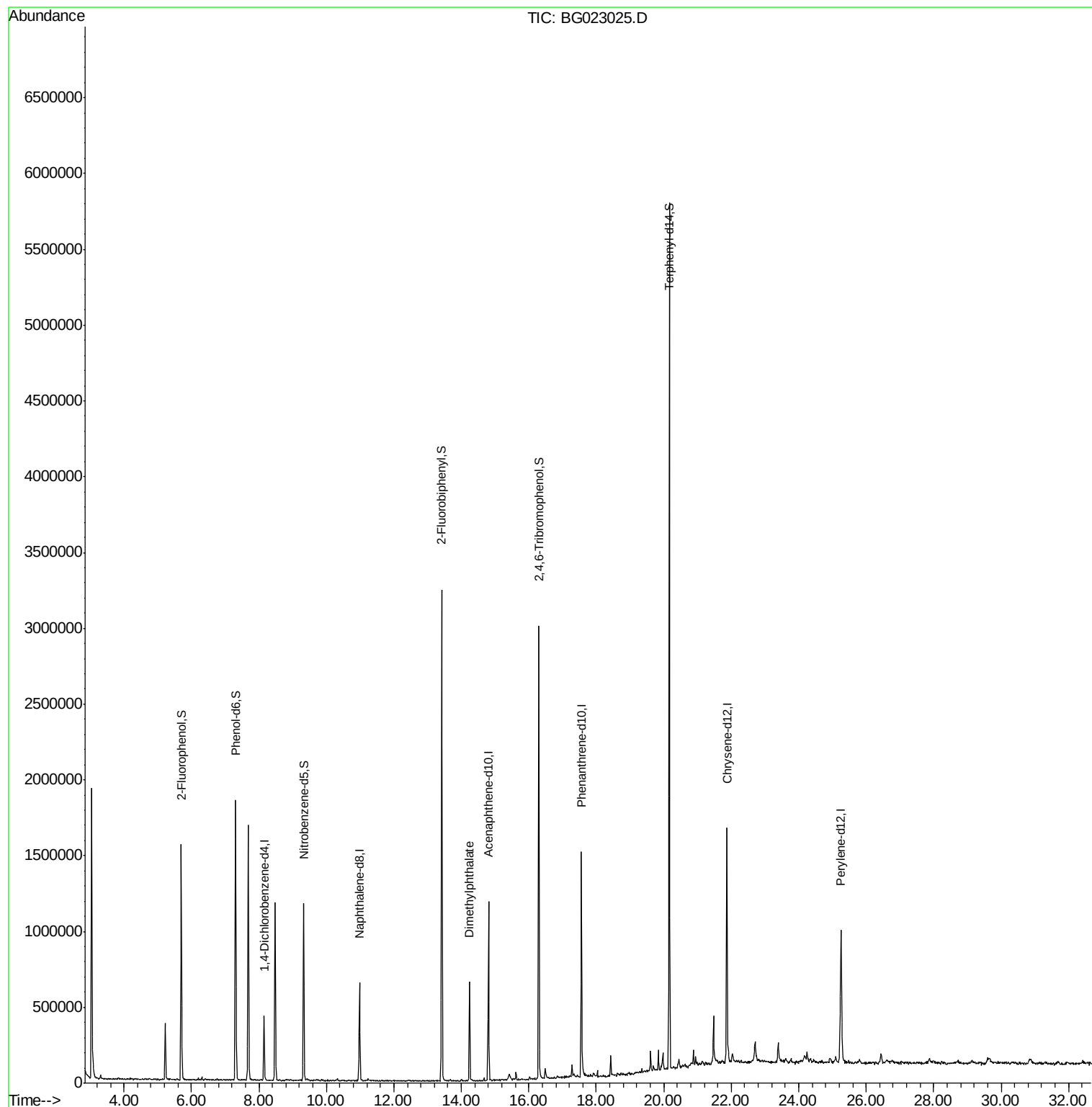
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	109643	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	514803	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	395873	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	905856	20.00	ng	0.00
75) Chrysene-d12	21.87	240	985290	20.00	ng	0.02
86) Perylene-d12	25.26	264	1002376	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	640777	95.58	ng	0.00
7) Phenol-d6	7.31	99	1033053	98.39	ng	0.00
23) Nitrobenzene-d5	9.33	82	759411	63.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	534936	75.19	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1625879	64.69	ng	0.00
78) Terphenyl-d14	20.16	244	2276068	67.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	399488	12.35	ng	Qvalue 99

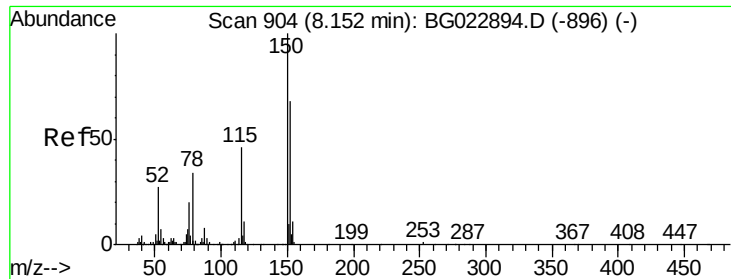
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB08(8-10ft)

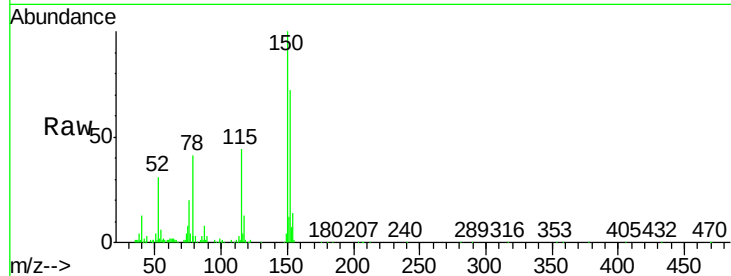
Tot Ion:152 Resp: 109643

Ion Ratio Lower Upper

152 100

150 138.0 144.7 217.1#

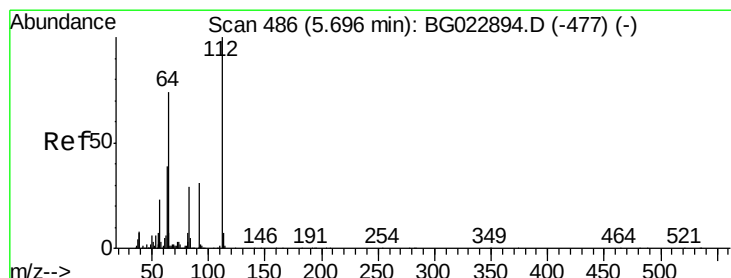
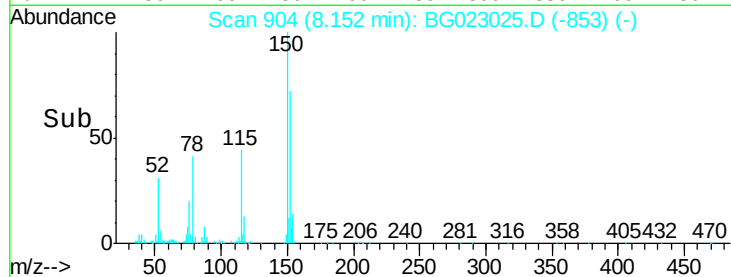
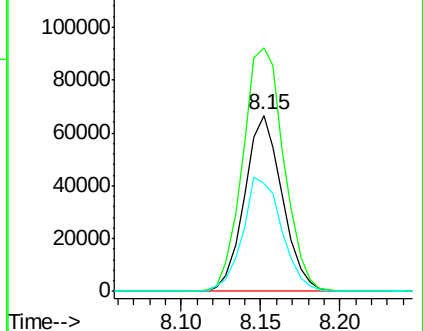
115 61.1 64.0 96.0#



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: 95.58 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

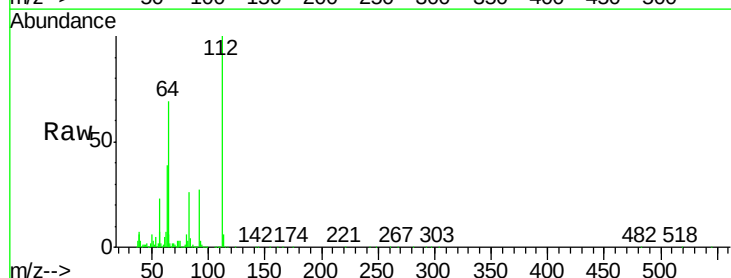
Tgt Ion:112 Resp: 640777

Ion Ratio Lower Upper

112 100

64 69.0 59.0 88.4

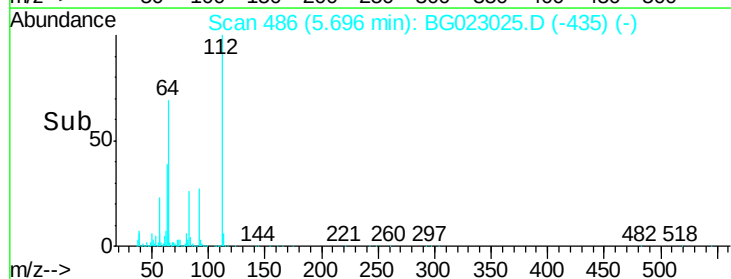
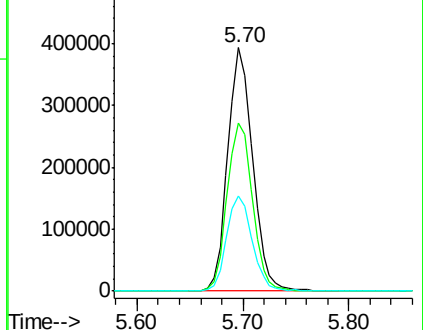
63 39.2 37.8 56.8

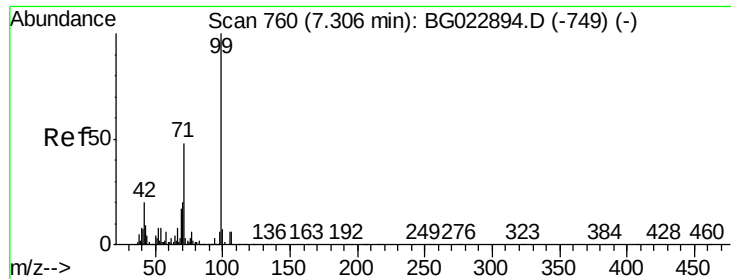


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.39 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

Instrument :

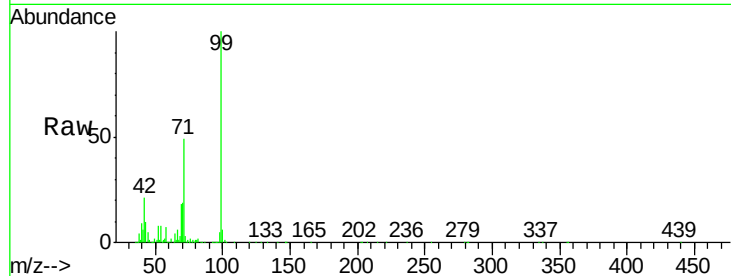
BNA_G

ClientSampleId :

LSS-SB-SB08(8-10ft)

Tot Ion: 99 Resp: 1033053

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	49.3	41.5	62.3

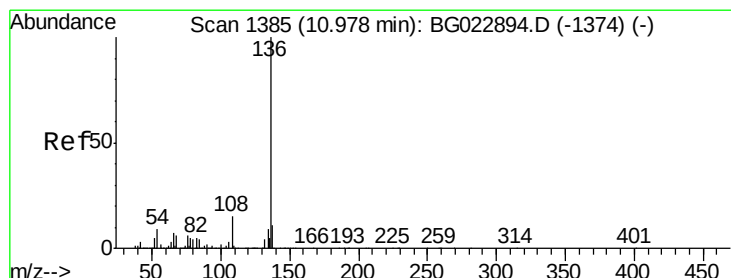
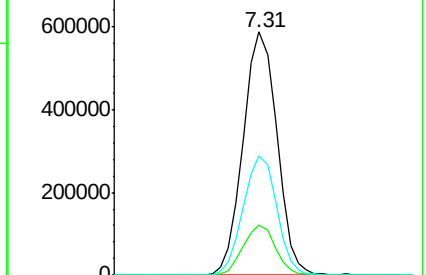
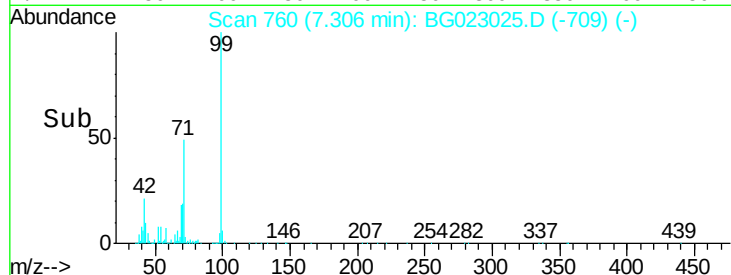


Abundance

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

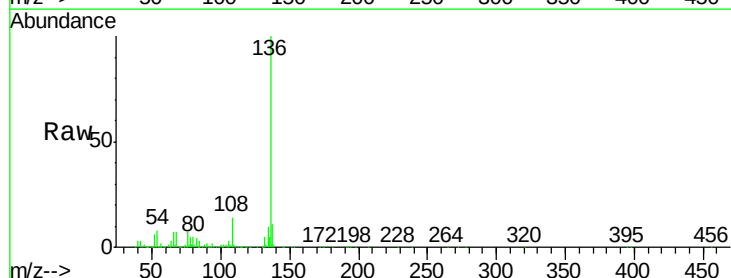
Delta R.T. 0.01 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

Tgt Ion: 136 Resp: 514803

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.5	7.3	10.9
68	7.4	5.3	7.9



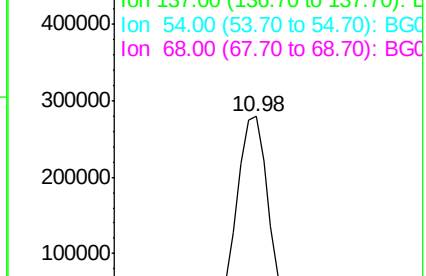
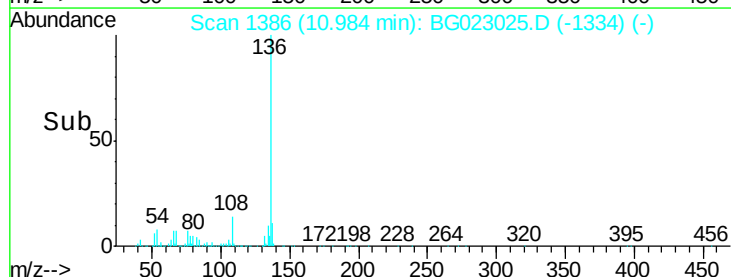
Abundance

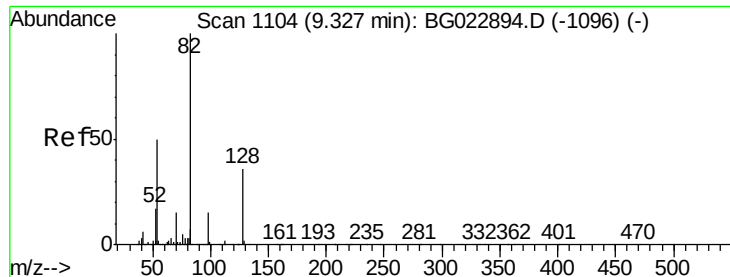
Ion 136.00 (135.70 to 136.70): BGC

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: 63.16 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB08(8-10ft)

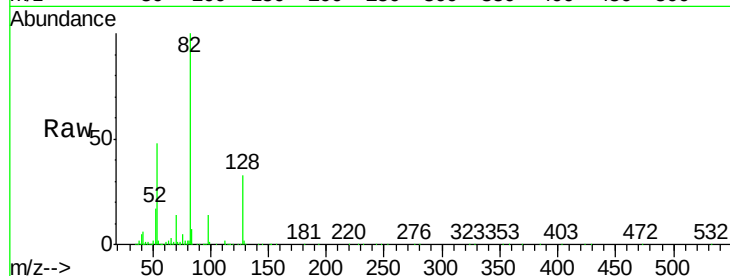
Tot Ion: 82 Resp: 759411

Ion Ratio Lower Upper

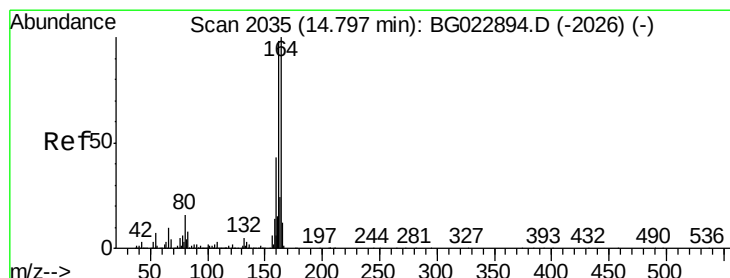
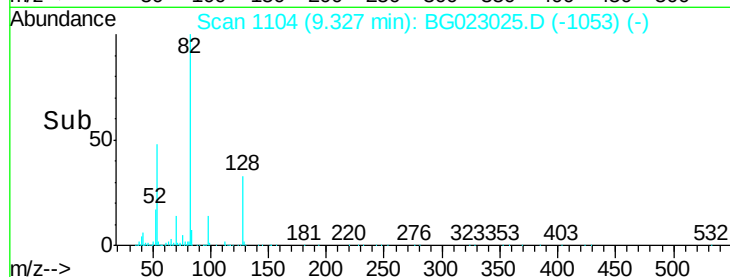
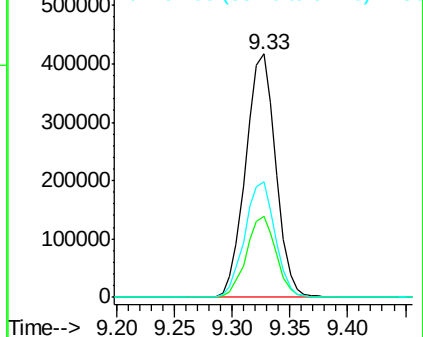
82 100

128 33.2 24.4 36.6

54 47.7 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: BG023025.D

Acq: 12 Jul 2016 7:17

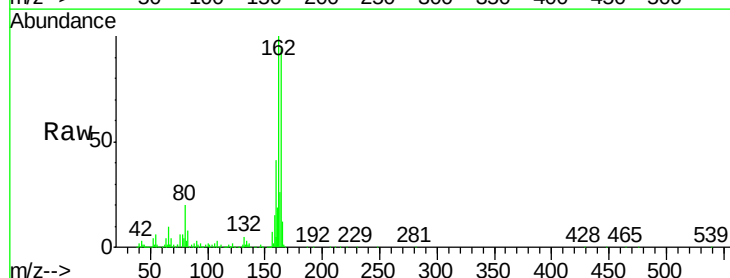
Tgt Ion:164 Resp: 395873

Ion Ratio Lower Upper

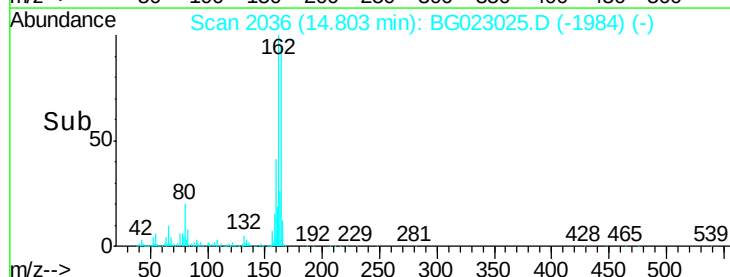
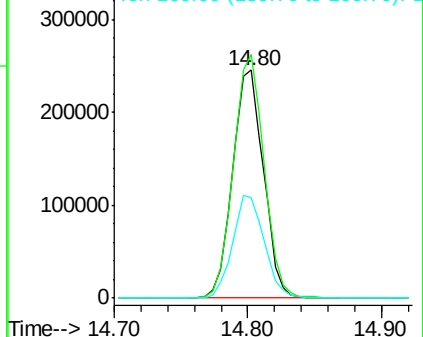
164 100

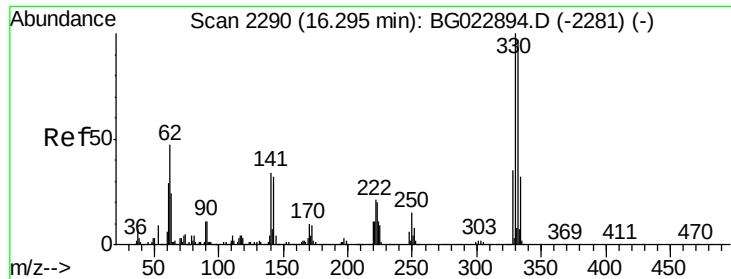
162 106.7 87.7 131.5

160 43.9 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

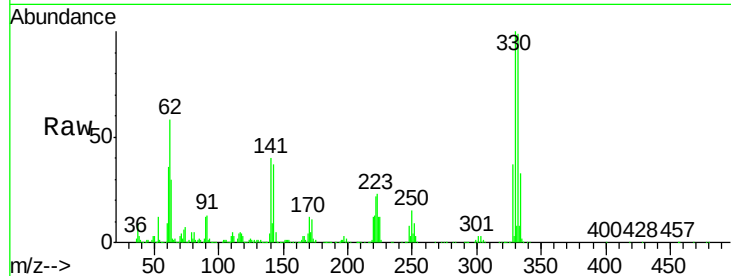




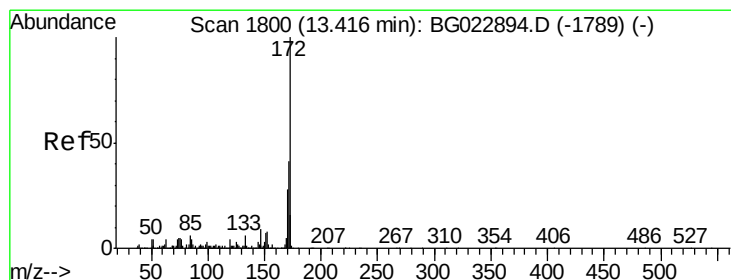
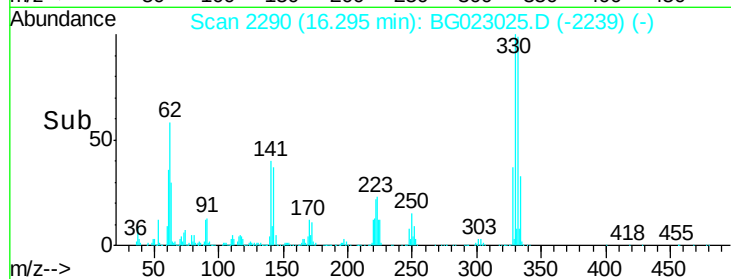
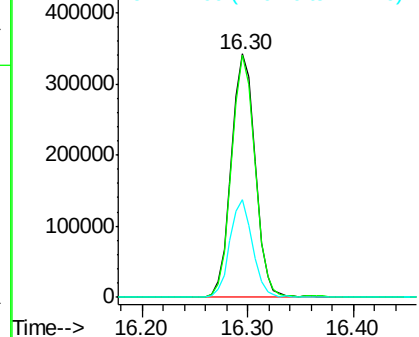
#41
 2,4,6-Tribromophenol
 Concen: 75.19 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023025.D
 Acq: 12 Jul 2016 7:17

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB08(8-10ft)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	38.2	31.7	47.5

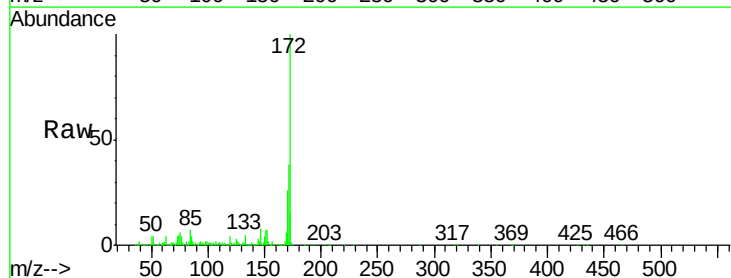


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

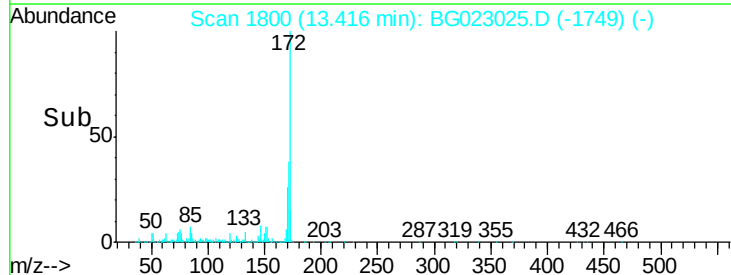
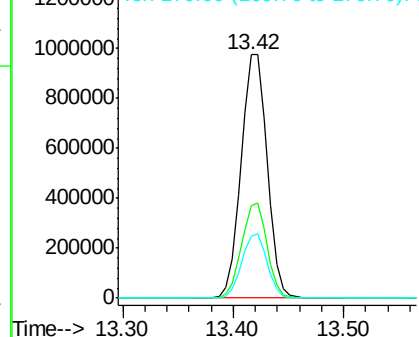


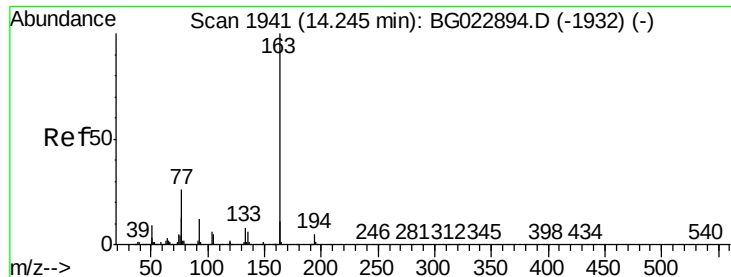
#44
 2-Fluorobiphenyl
 Concen: 64.69 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023025.D
 Acq: 12 Jul 2016 7:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.6	47.4
170	25.5	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: 12.35 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB08(8-10ft)

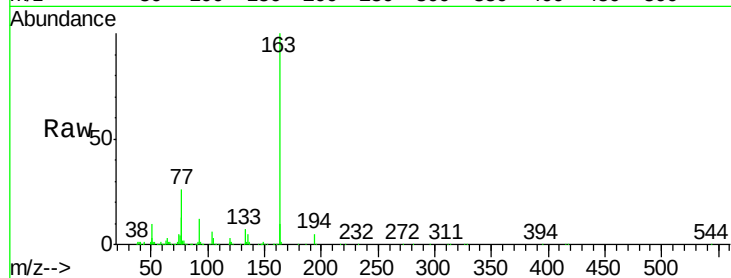
Tot Ion:163 Resp: 399488

Ion Ratio Lower Upper

163 100

194 5.4 3.6 5.4

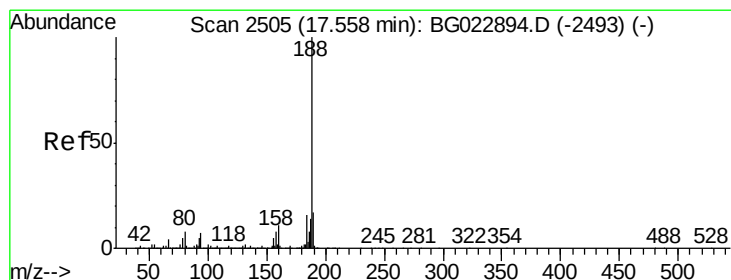
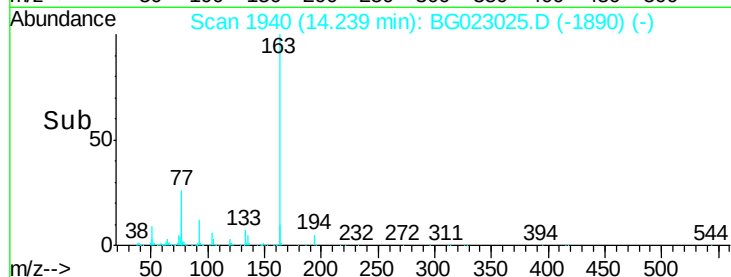
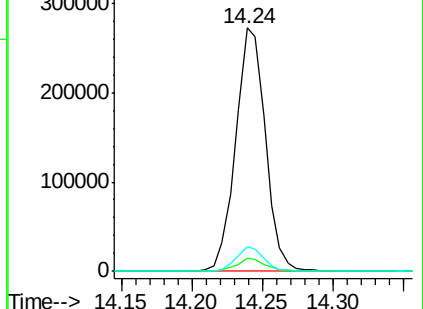
164 10.0 8.1 12.1



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# 2505

Delta R.T. -0.00 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

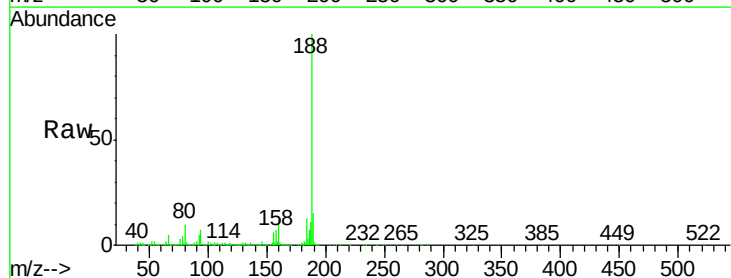
Tgt Ion:188 Resp: 905856

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

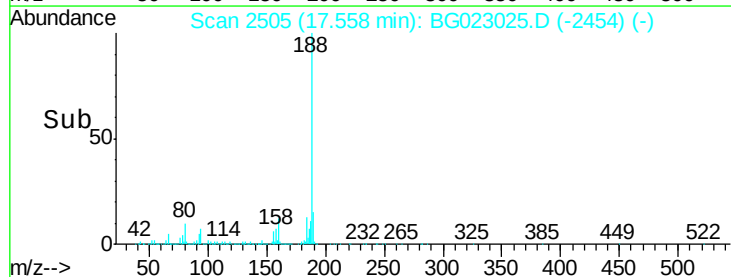
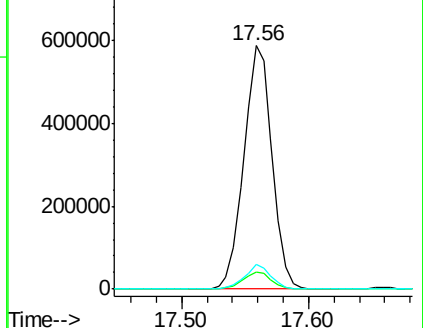
80 10.0 7.2 10.8

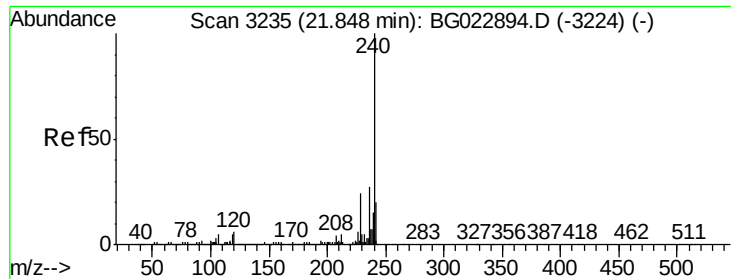


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB08(8-10ft)

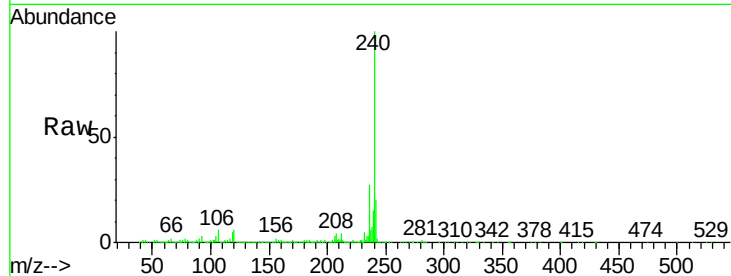
Tot Ion:240 Resp: 985290

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

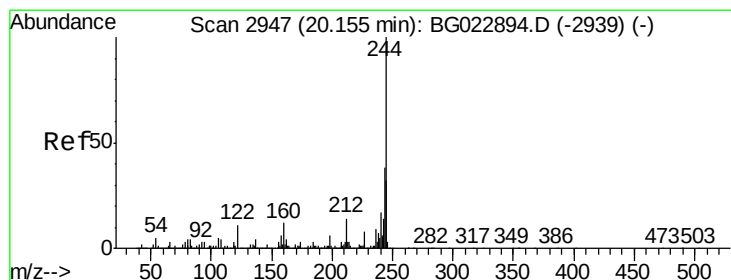
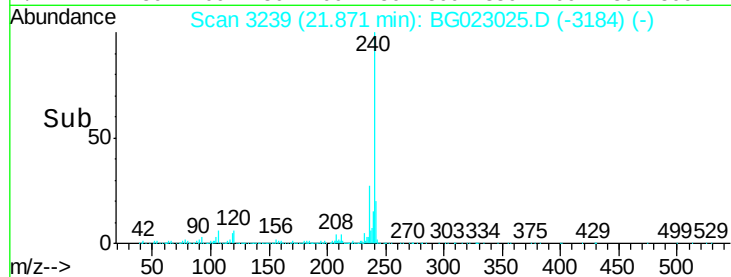
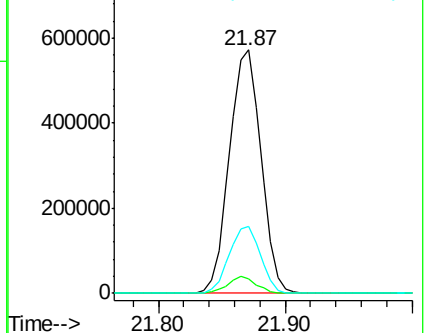
236 27.3 21.1 31.7



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: 67.77 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023025.D

Acq: 12 Jul 2016 7:17

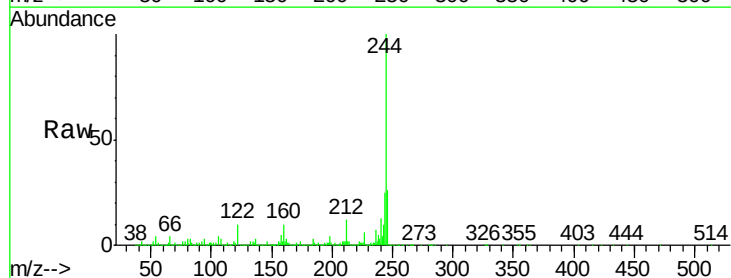
Tgt Ion:244 Resp: 2276068

Ion Ratio Lower Upper

244 100

212 12.0 10.8 16.2

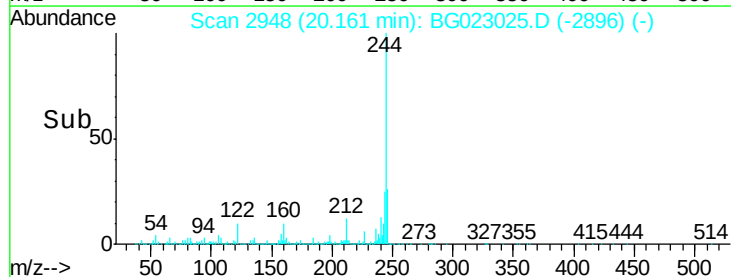
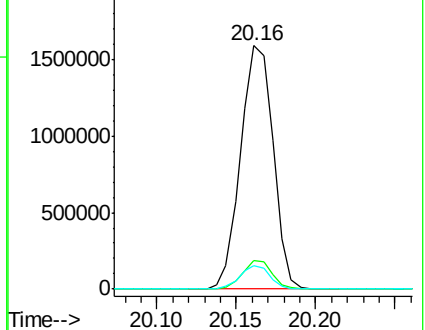
122 9.8 8.0 12.0

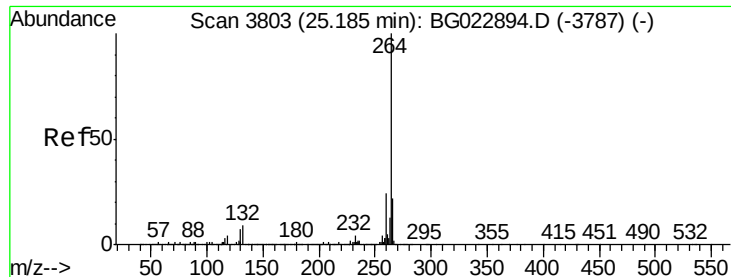


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.26 min Scan# 3815
 Delta R.T. 0.07 min
 Lab File: BG023025.D
 Acq: 12 Jul 2016 7:17

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB08(8-10ft)

Tot Ion:264 Resp: 1002376

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.1	18.9	28.3

