

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023054.D
 Acq On : 13 Jul 2016 3:27
 Operator : UM/SJ
 Sample : H3995-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB03

Quant Time: Jul 13 04:26:40 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	97592	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	474125	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	358142	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	837092	20.00	ng	0.00
75) Chrysene-d12	21.86	240	926774	20.00	ng	0.02
86) Perylene-d12	25.25	264	908850	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	403732	67.66	ng	0.00
7) Phenol-d6	7.30	99	402898	43.11	ng	0.00
23) Nitrobenzene-d5	9.33	82	1088842	98.34	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	768680	119.42	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2191781	96.40	ng	0.00
78) Terphenyl-d14	20.17	244	3008999	121.59	ng	0.01

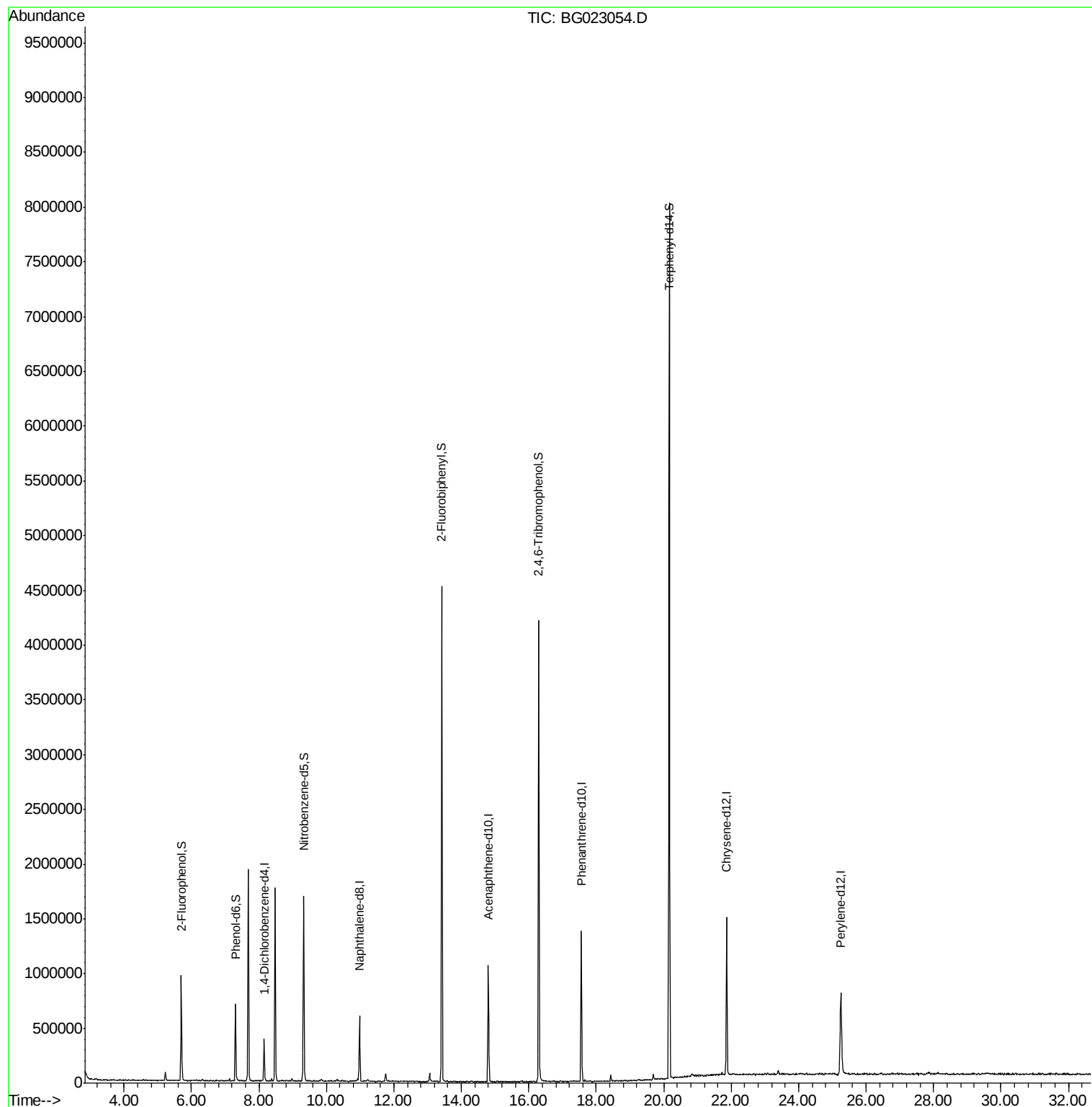
Target Compounds Qvalue

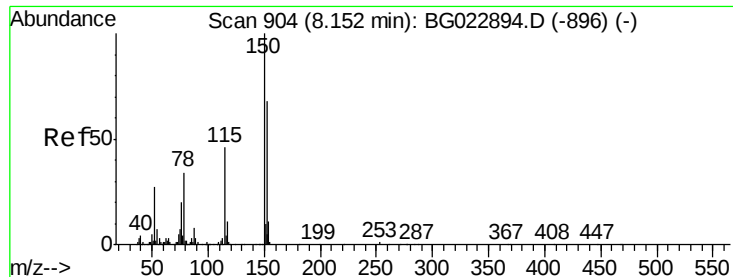
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023054.D

Acq: 13 Jul 2016 3:27

Instrument :

BNA_G

ClientSampleId :

LSS-EB03

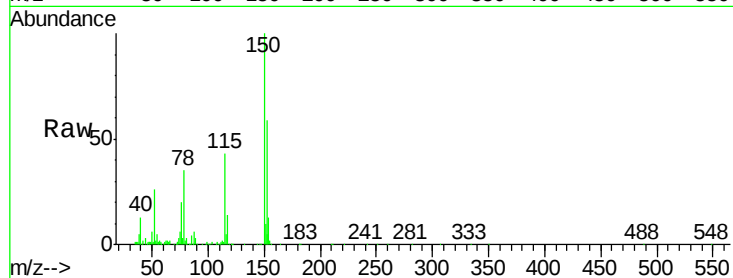
Tot Ion:152 Resp: 97592

Ion Ratio Lower Upper

152 100

150 168.1 144.7 217.1

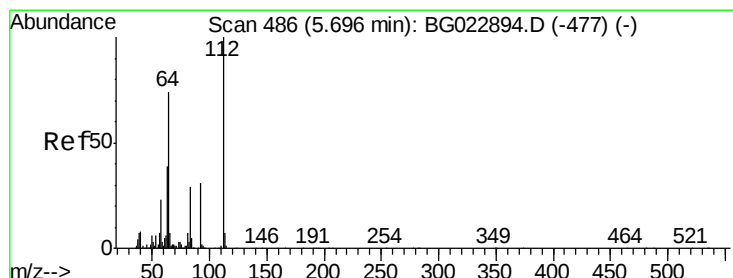
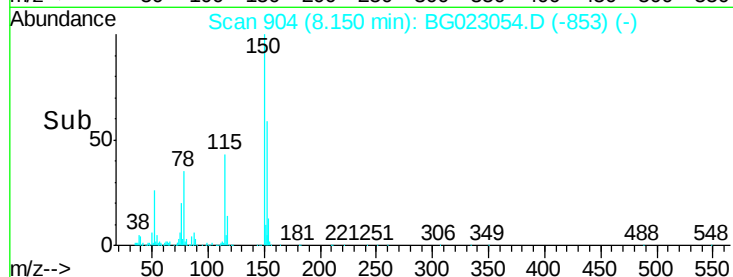
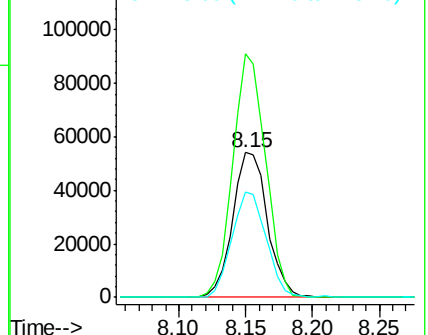
115 72.4 64.0 96.0



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: 67.66 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

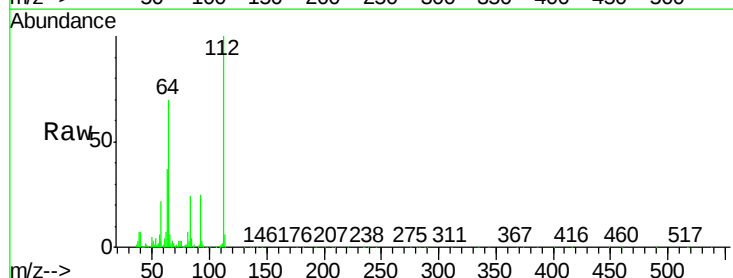
Tgt Ion:112 Resp: 403732

Ion Ratio Lower Upper

112 100

64 69.8 59.0 88.4

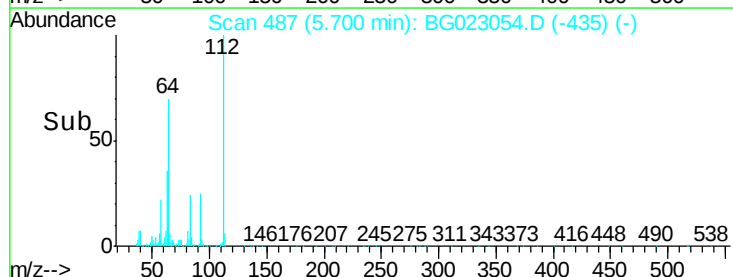
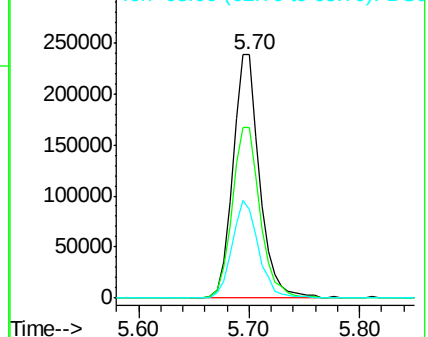
63 36.5 37.8 56.8#

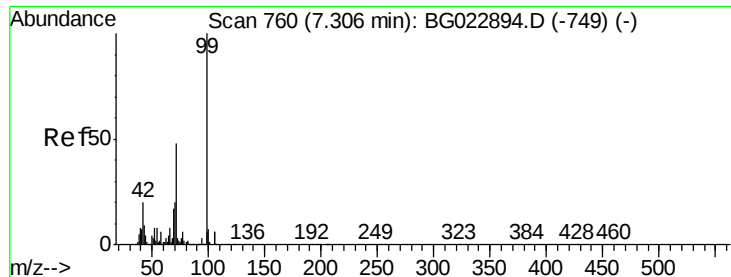


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.11 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

Instrument :

BNA_G

ClientSampleId :

LSS-EB03

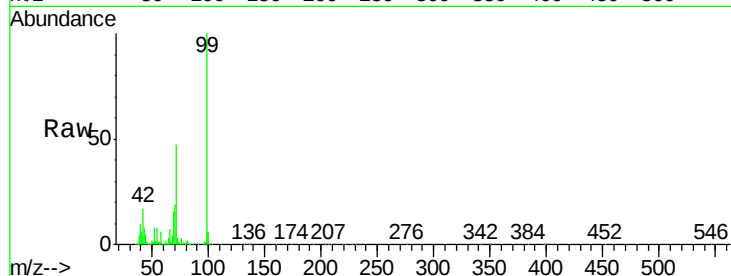
Tot Ion: 99 Resp: 402898

Ion Ratio Lower Upper

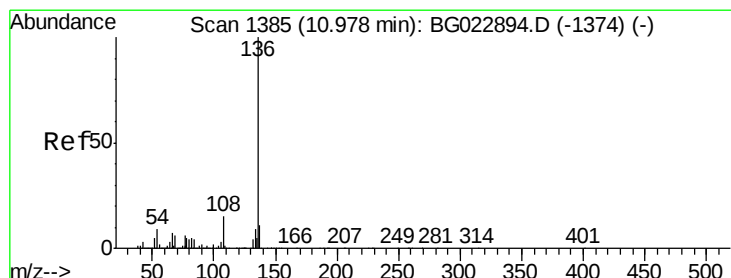
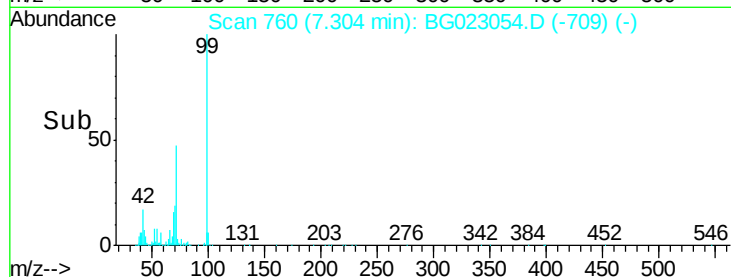
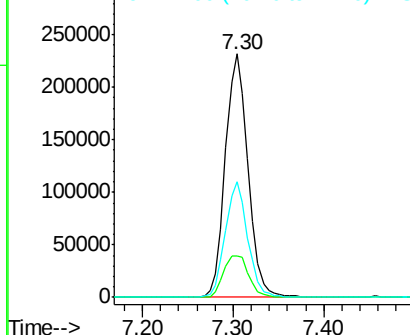
99 100

42 17.0 17.8 26.6#

71 47.2 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: BG023054.D

Acq: 13 Jul 2016 3:27

Tgt Ion: 136 Resp: 474125

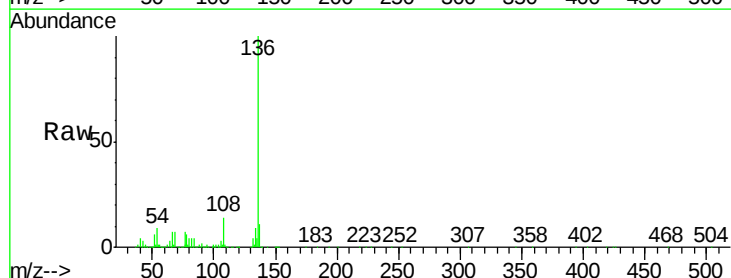
Ion Ratio Lower Upper

136 100

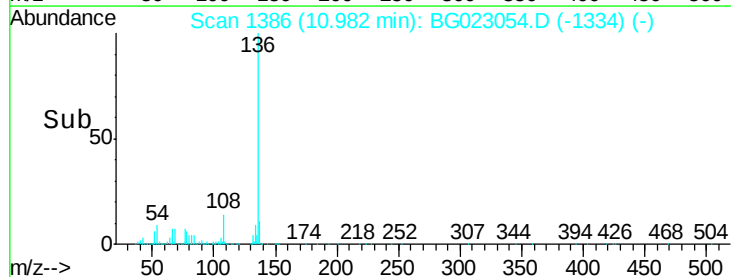
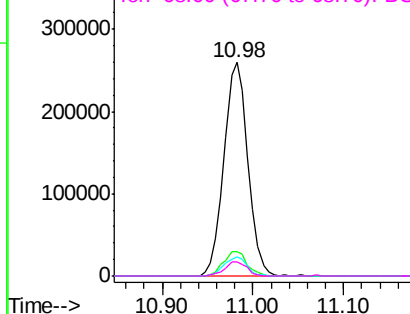
137 11.4 9.6 14.4

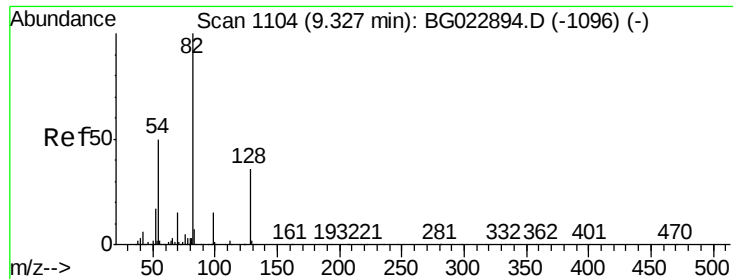
54 8.8 7.3 10.9

68 6.7 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



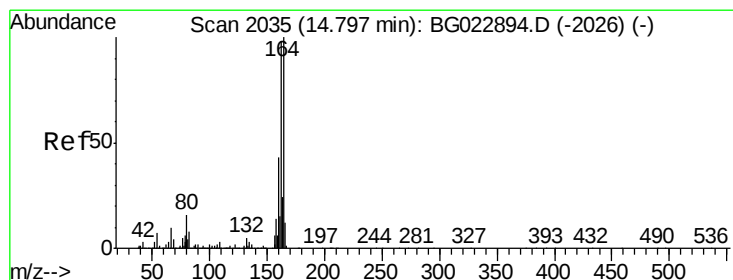
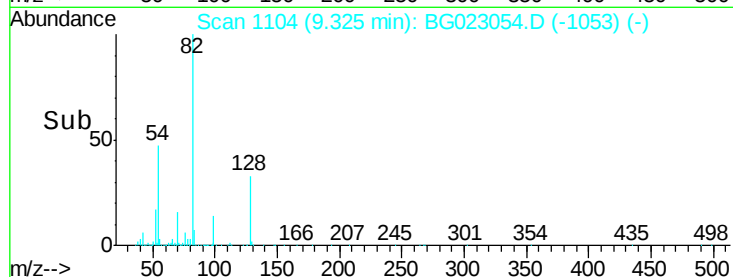
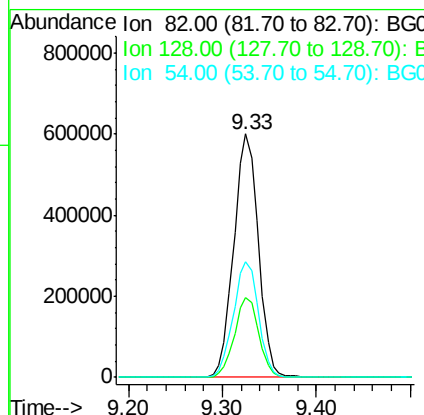
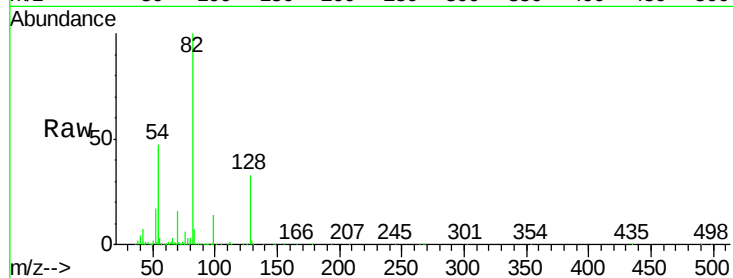


#23
 Nitrobenzene-d5
 Concen: 98.34 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023054.D
 Acq: 13 Jul 2016 3:27

Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB03

Tot Ion: 82 Resp: 1088842

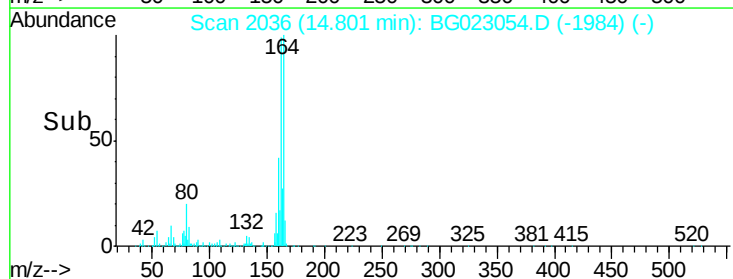
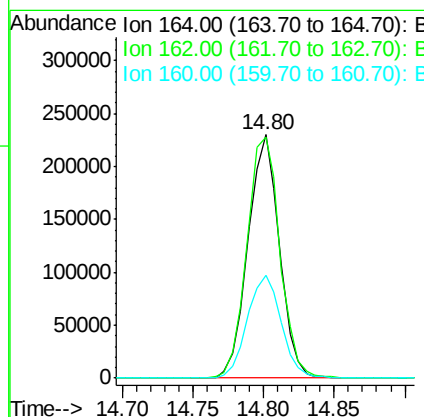
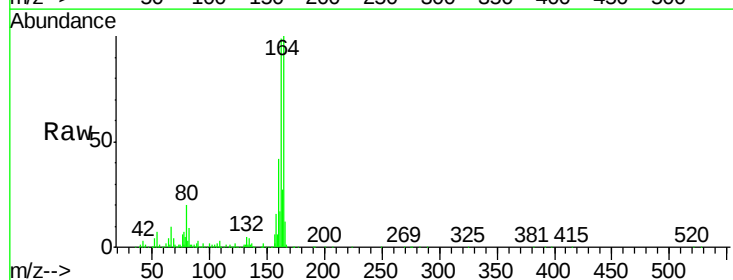
Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	47.5	41.4	62.0

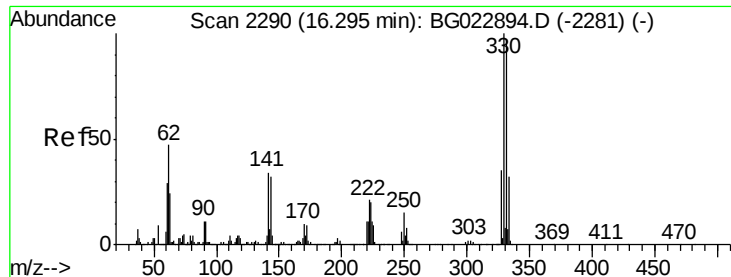


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023054.D
 Acq: 13 Jul 2016 3:27

Tgt Ion: 164 Resp: 358142

Ion	Ratio	Lower	Upper
164	100		
162	98.8	87.7	131.5
160	42.4	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 119.42 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

Instrument :

BNA_G

ClientSampleId :

LSS-EB03

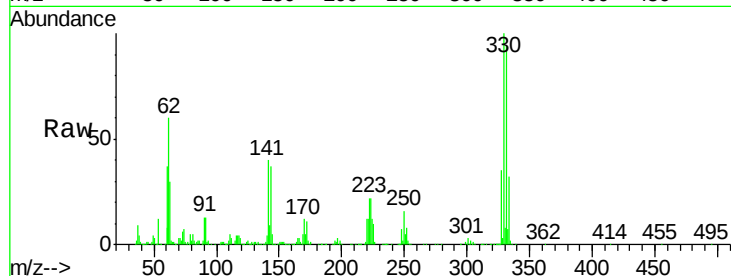
Tot Ion:330 Resp: 768680

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

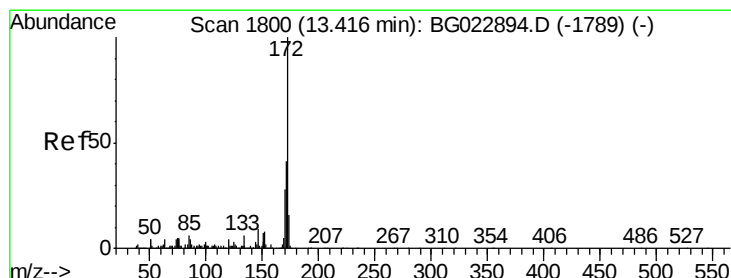
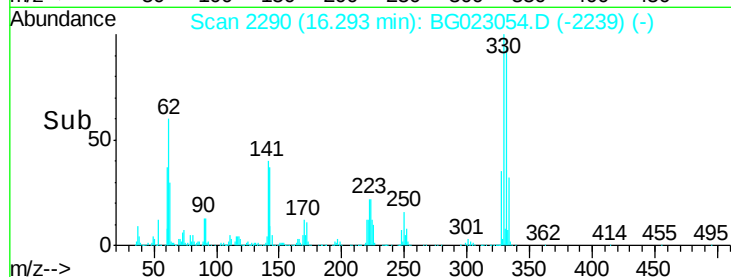
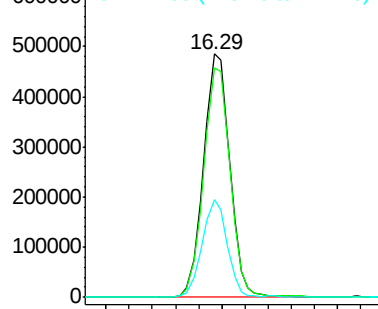
141 38.2 31.7 47.5



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: 96.40 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

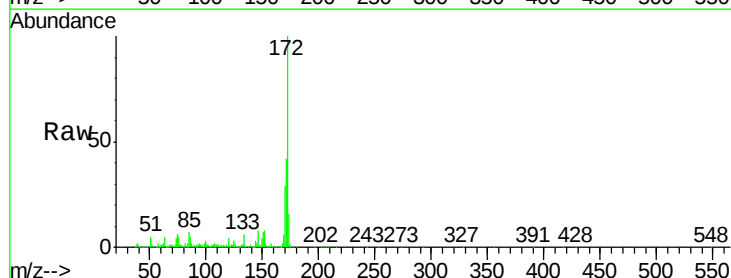
Tgt Ion:172 Resp: 2191781

Ion Ratio Lower Upper

172 100

171 41.7 31.6 47.4

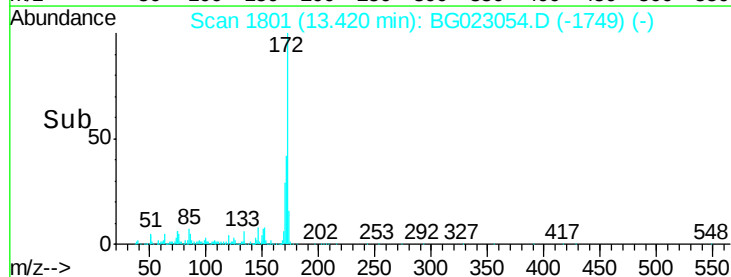
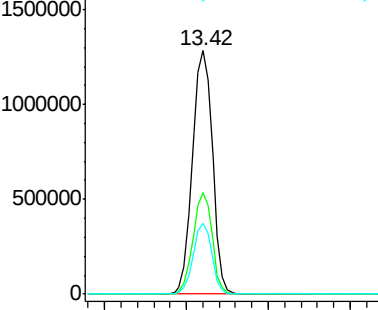
170 28.9 21.3 31.9

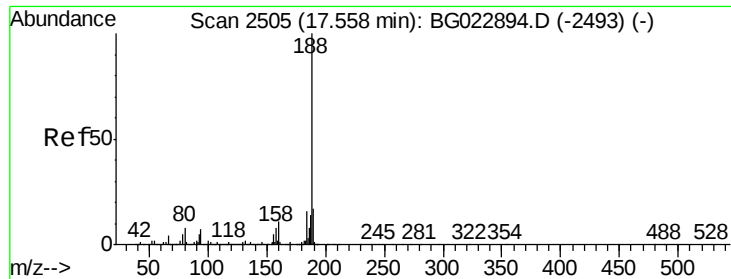


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

Instrument :

BNA_G

ClientSampleId :

LSS-EB03

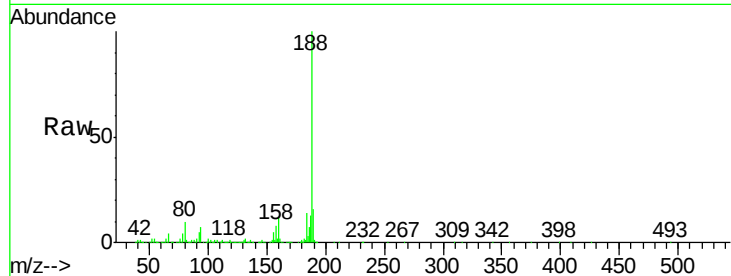
Tot Ion:188 Resp: 837092

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

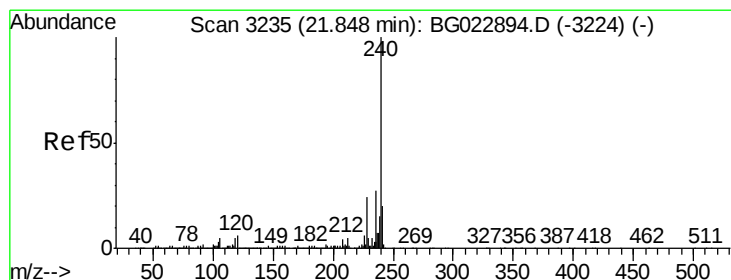
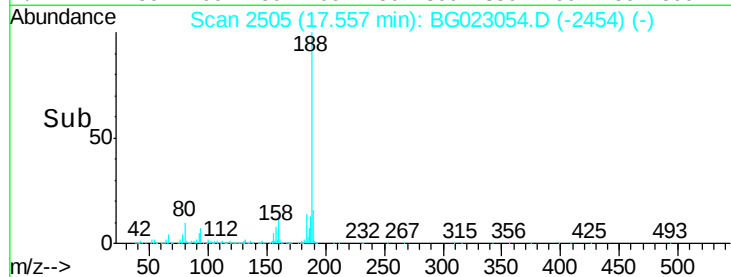
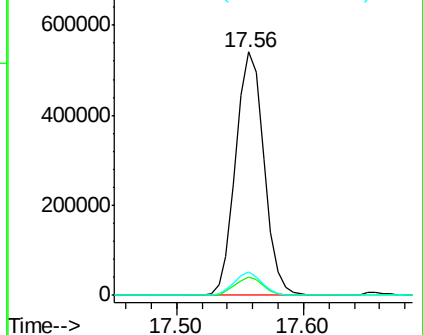
80 9.7 7.2 10.8



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. 0.02 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

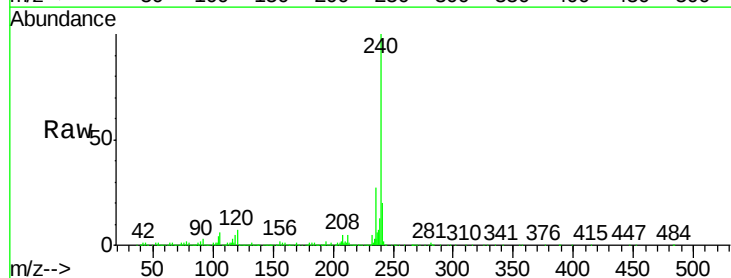
Tgt Ion:240 Resp: 926774

Ion Ratio Lower Upper

240 100

120 6.9 4.1 6.1#

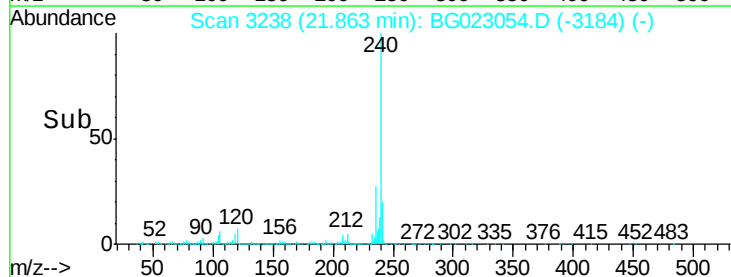
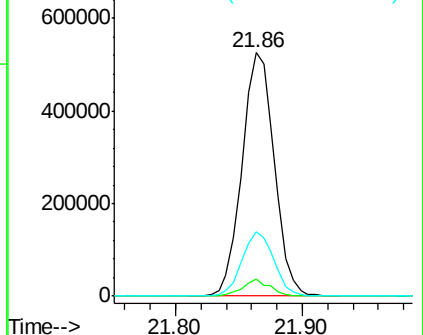
236 26.6 21.1 31.7

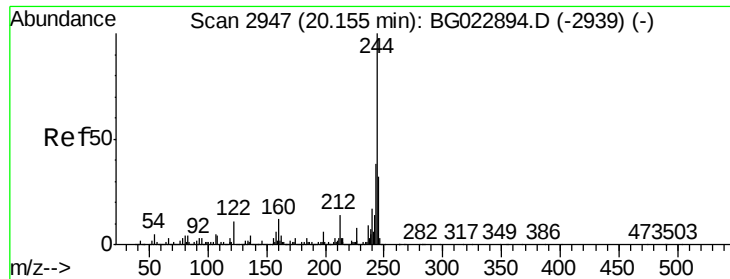


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 121.59 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

Instrument :

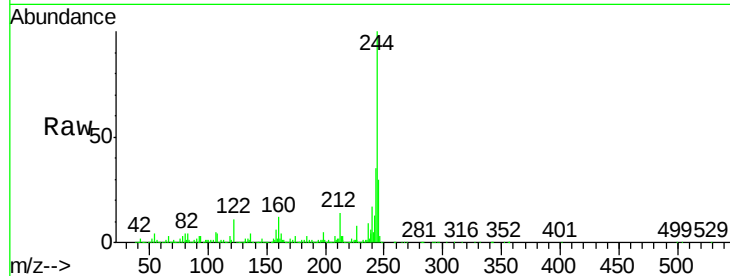
BNA_G

ClientSampleId :

LSS-EB03

Tot Ion:244 Resp: 3008999

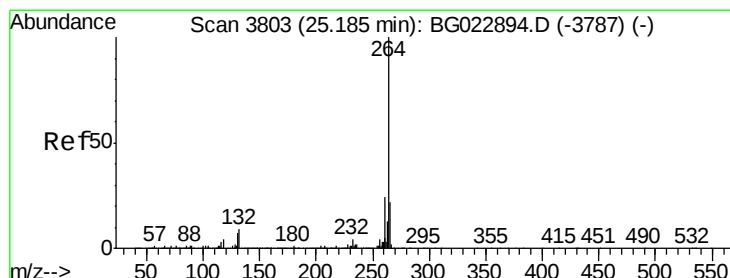
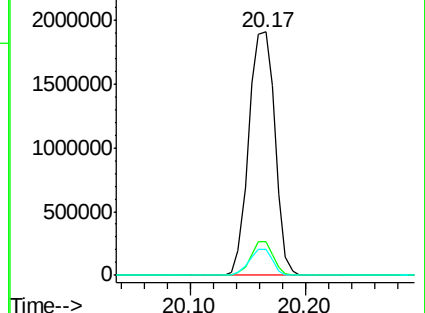
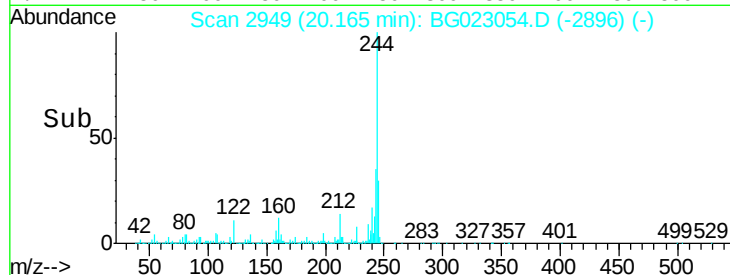
Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.8	16.2
122	10.9	8.0	12.0



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# 3815

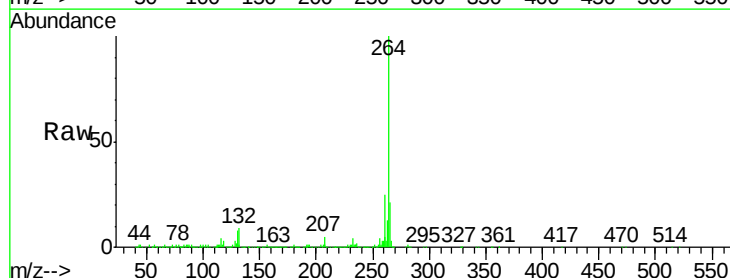
Delta R.T. 0.07 min

Lab File: BG023054.D

Acq: 13 Jul 2016 3:27

Tgt Ion:264 Resp: 908850

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	20.7	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

