

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022940.D
 Acq On : 8 Jul 2016 21:25
 Operator : UM/SJ
 Sample : H3859-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Quant Time: Jul 09 00:25:39 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	107365	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	519552	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	376406	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	886131	20.00	ng	0.00
75) Chrysene-d12	21.84	240	932944	20.00	ng	0.00
86) Perylene-d12	25.20	264	954136	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	463906	70.67	ng	0.00
7) Phenol-d6	7.31	99	498110	48.45	ng	0.00
23) Nitrobenzene-d5	9.32	82	1050079	86.54	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	792859	117.20	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2079926	87.04	ng	0.00
78) Terphenyl-d14	20.15	244	2779188	101.92	ng	0.00

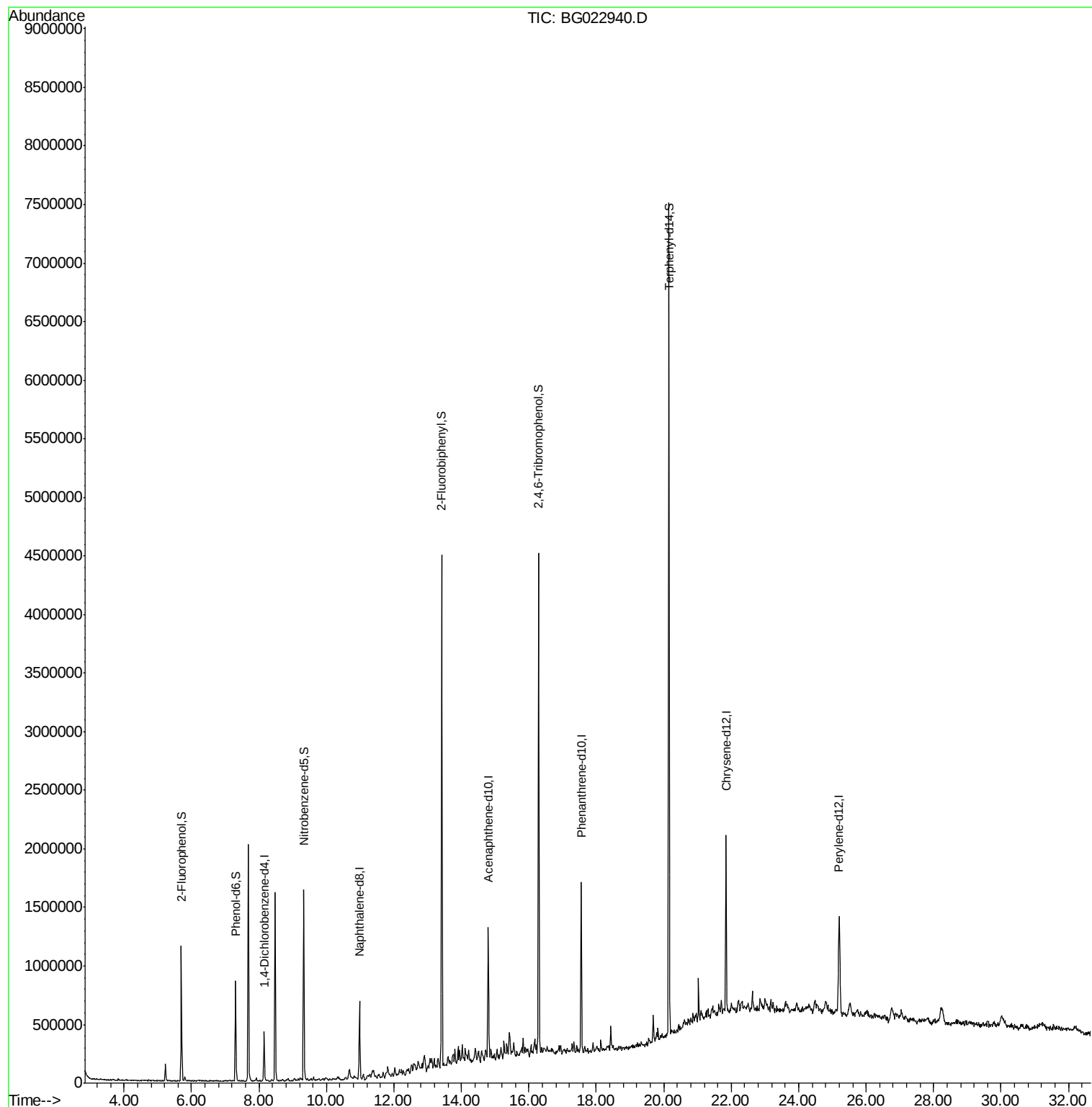
Target Compounds Qvalue

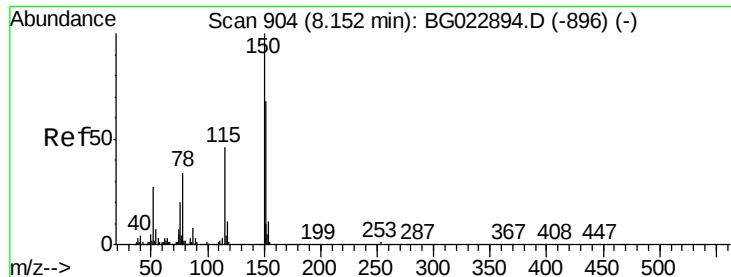
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022940.D

Acq: 8 Jul 2016 21:25

Instrument :

BNA_G

ClientSampled :

LIP-22

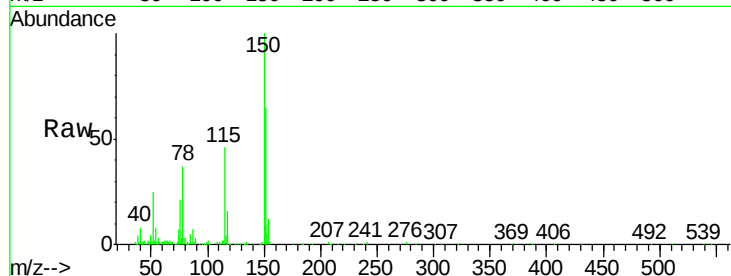
Tot Ion:152 Resp: 107365

Ion Ratio Lower Upper

152 100

150 154.9 144.7 217.1

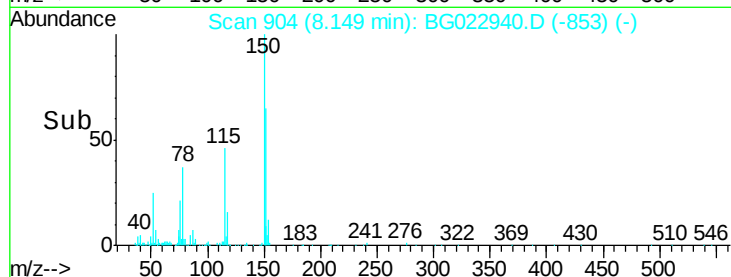
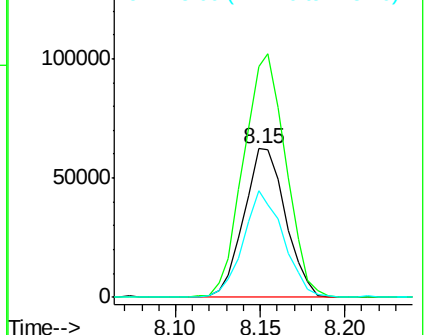
115 71.4 64.0 96.0



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: 70.67 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

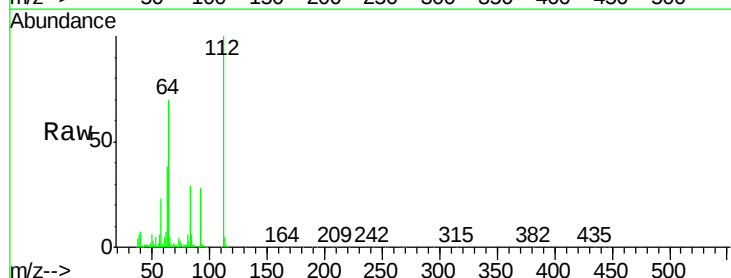
Tgt Ion:112 Resp: 463906

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

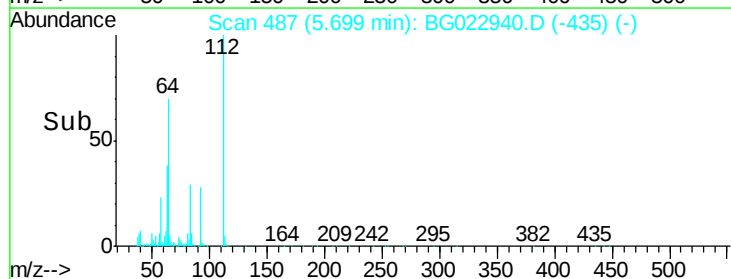
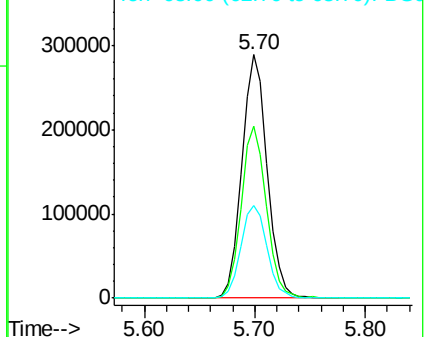
63 38.1 37.8 56.8

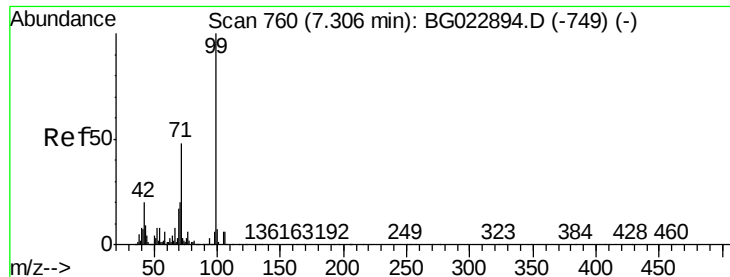


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.45 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Instrument :

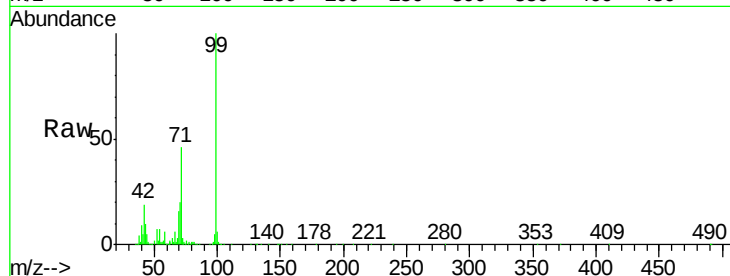
BNA_G

ClientSampleId :

LIP-22

Tot Ion: 99 Resp: 498110

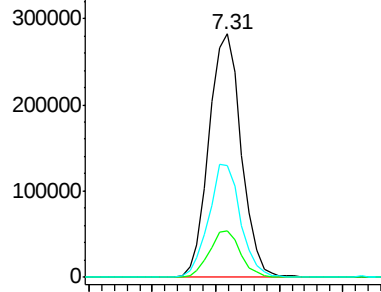
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	45.9	41.5	62.3



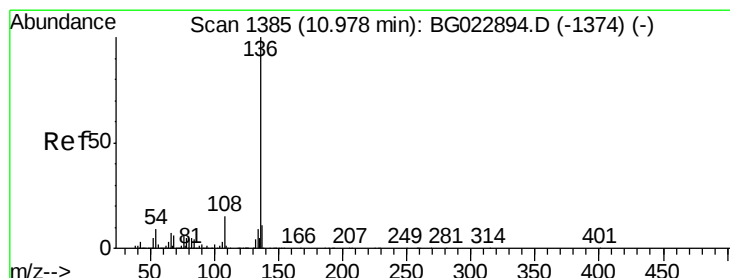
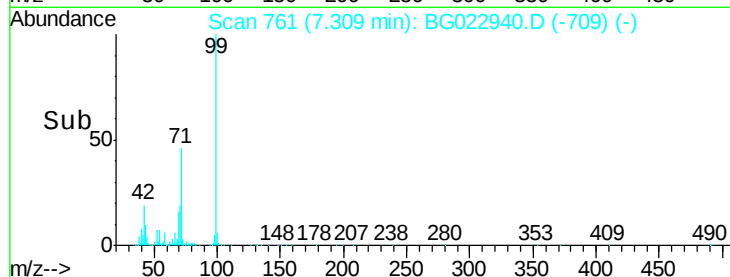
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

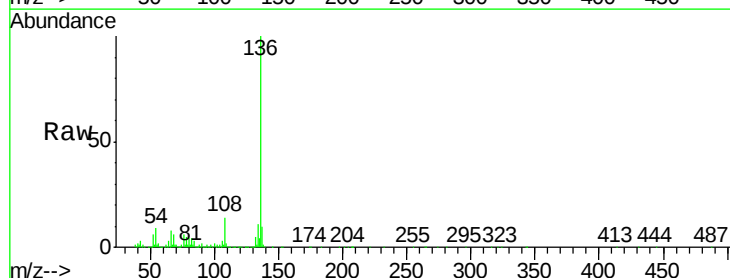
Delta R.T. 0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Tgt Ion: 136 Resp: 519552

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	9.1	7.3	10.9
68	6.0	5.3	7.9

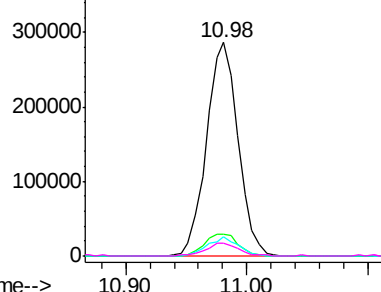


Abundance Ion 136.00 (135.70 to 136.70): BGC

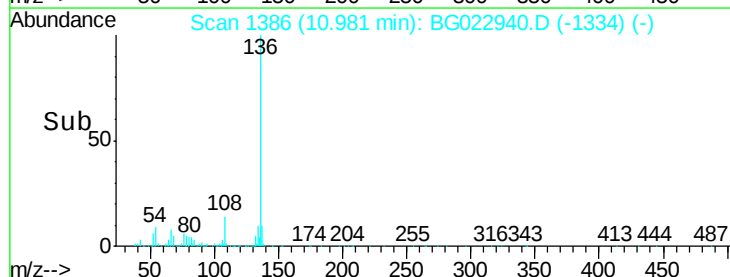
Ion 137.00 (136.70 to 137.70): BGC

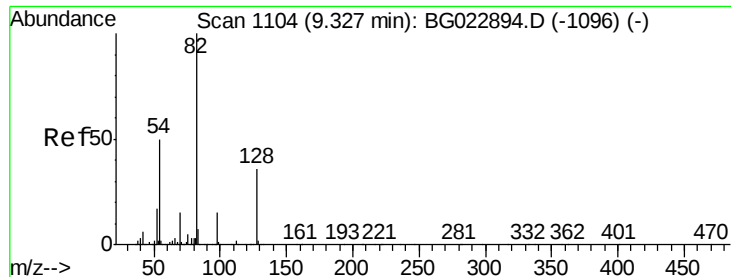
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 86.54 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Instrument :

BNA_G

ClientSampleId :

LIP-22

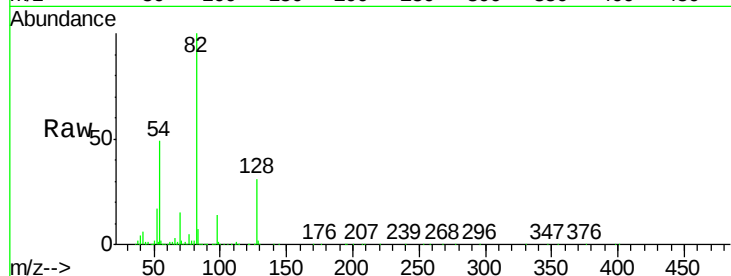
Tot Ion: 82 Resp: 1050079

Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	48.9	41.4	62.0

82 100

128 31.4 24.4 36.6

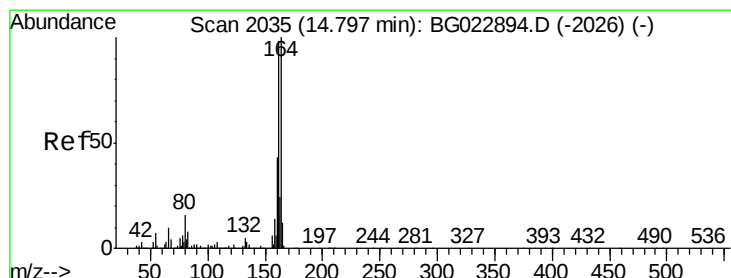
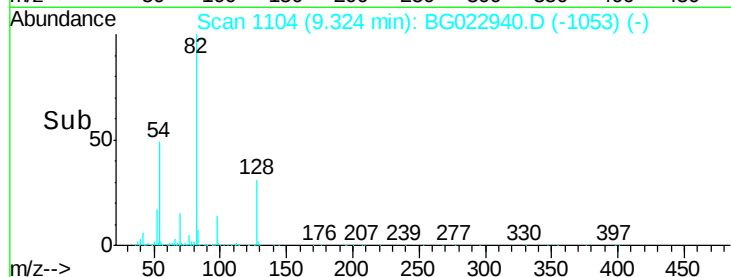
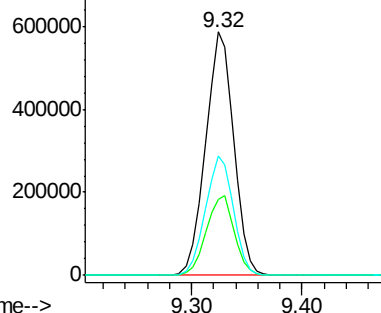
54 48.9 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

800000 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: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

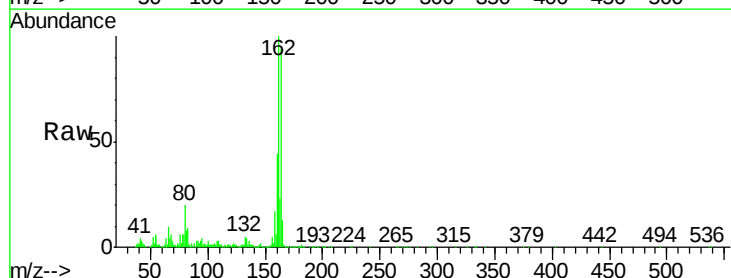
Tgt Ion: 164 Resp: 376406

Ion	Ratio	Lower	Upper
164	100		
162	105.9	87.7	131.5
160	46.4	37.2	55.8

164 100

162 105.9 87.7 131.5

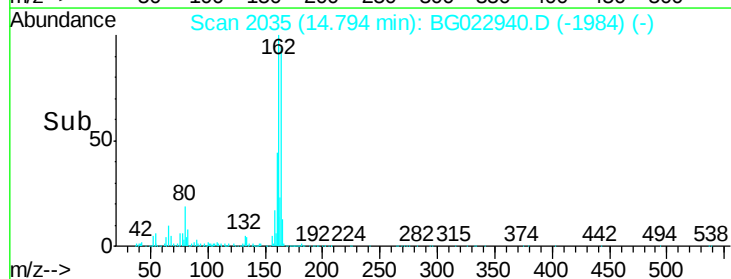
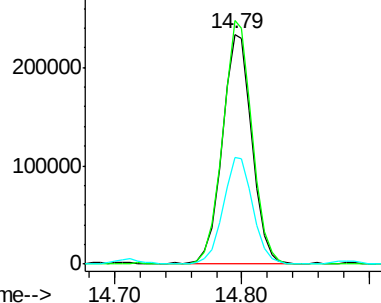
160 46.4 37.2 55.8

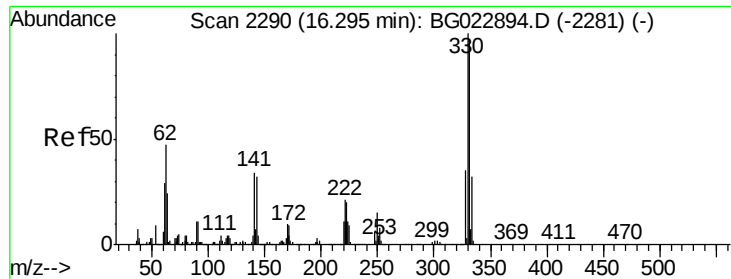


Abundance Ion 164.00 (163.70 to 164.70): BGC

300000 Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC



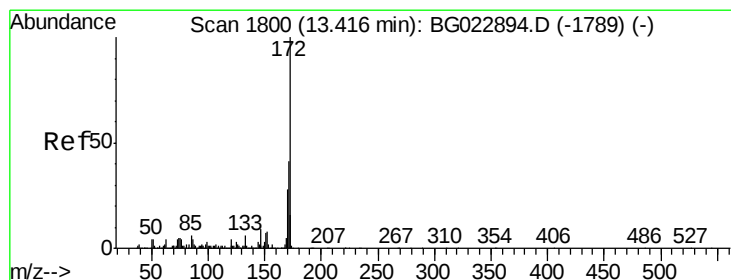
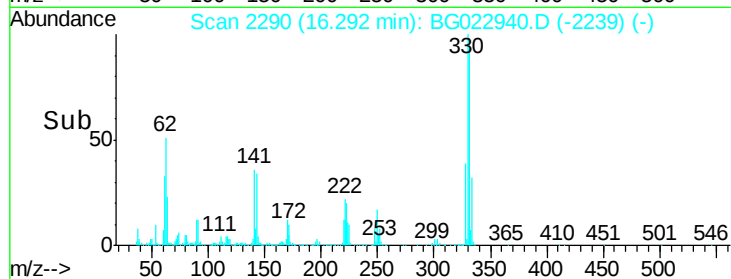
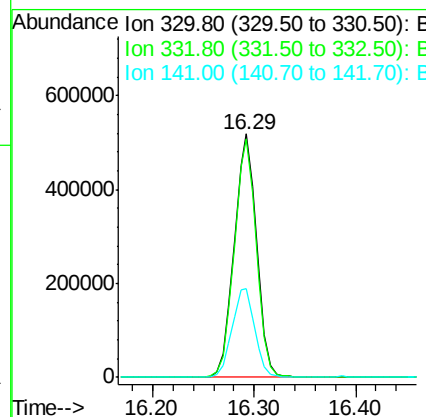
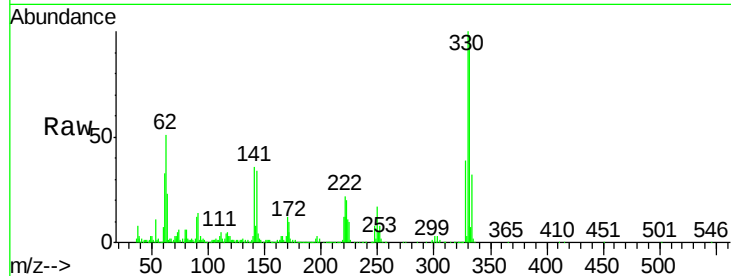


#41
 2,4,6-Tribromophenol
 Concen: 117.20 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022940.D
 Acq: 8 Jul 2016 21:25

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Tot Ion:330 Resp: 792859

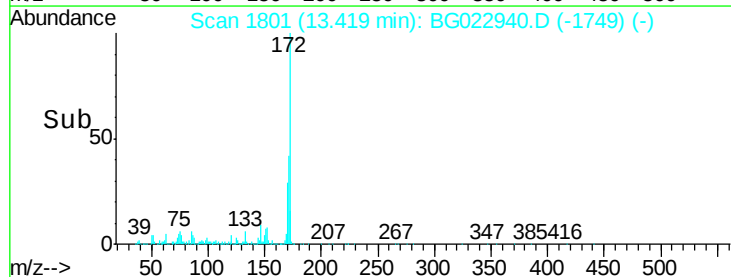
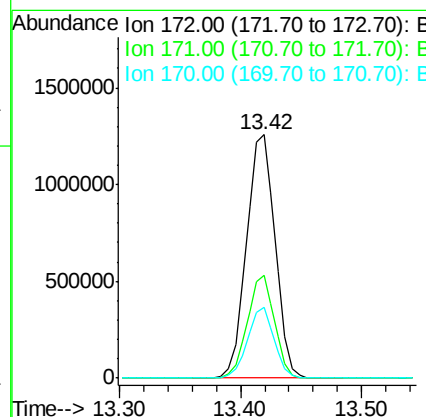
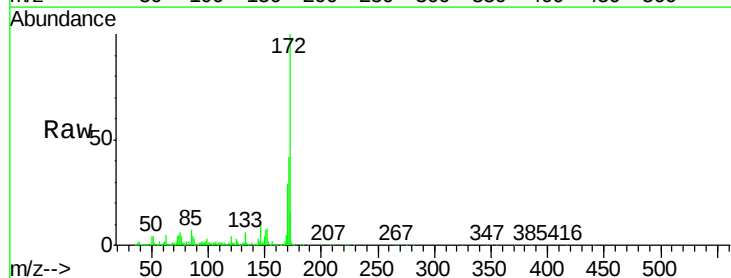
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	36.4	31.7	47.5

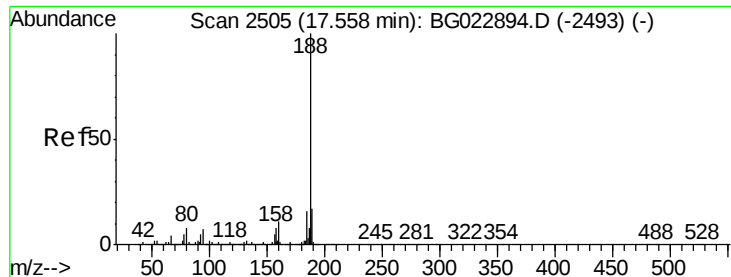


#44
 2-Fluorobiphenyl
 Concen: 87.04 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022940.D
 Acq: 8 Jul 2016 21:25

Tgt Ion:172 Resp: 2079926

Ion	Ratio	Lower	Upper
172	100		
171	42.0	31.6	47.4
170	29.0	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: BG022940.D

Acq: 8 Jul 2016 21:25

Instrument :

BNA_G

ClientSampleId :

LIP-22

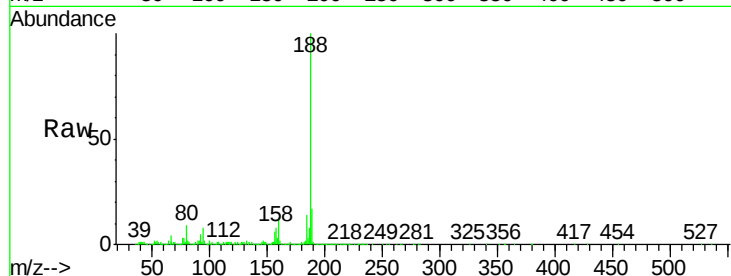
Tot Ion:188 Resp: 886131

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

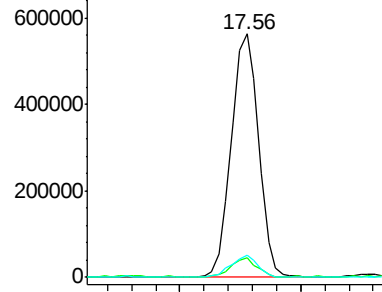
80 9.3 7.2 10.8



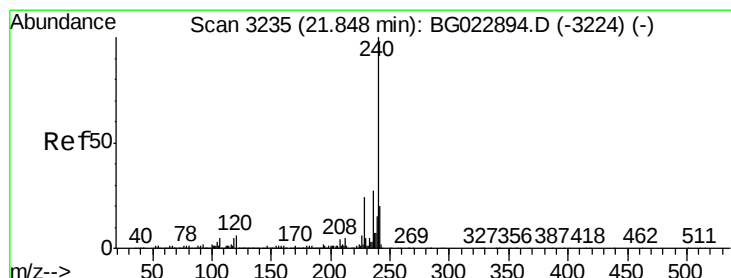
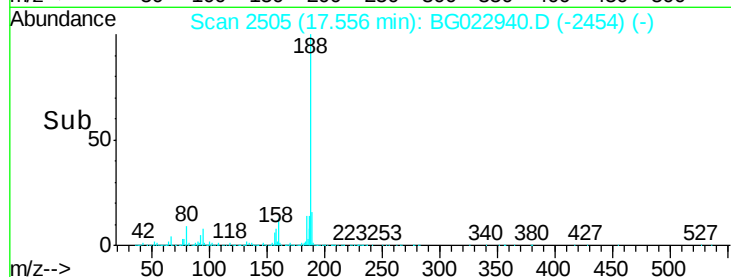
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

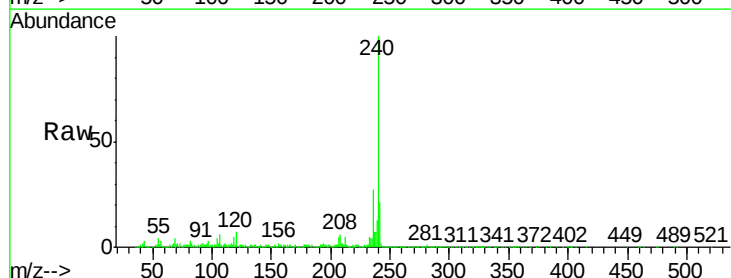
Tgt Ion:240 Resp: 932944

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

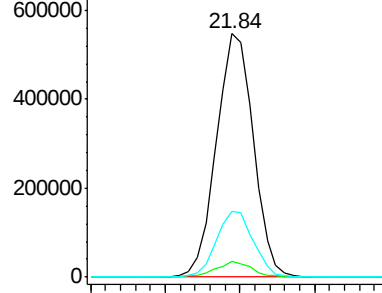
236 27.1 21.1 31.7



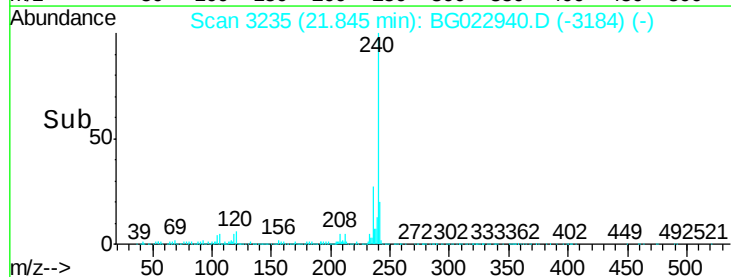
Abundance Ion 240.00 (239.70 to 240.70): E

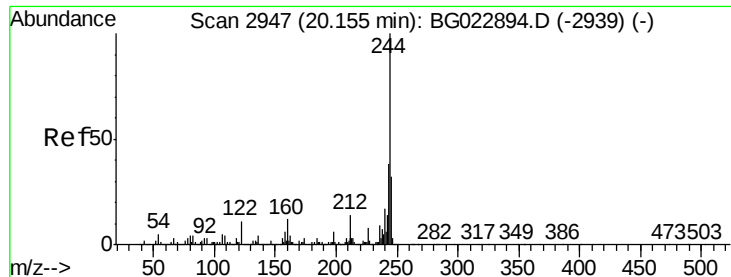
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 101.92 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Instrument :

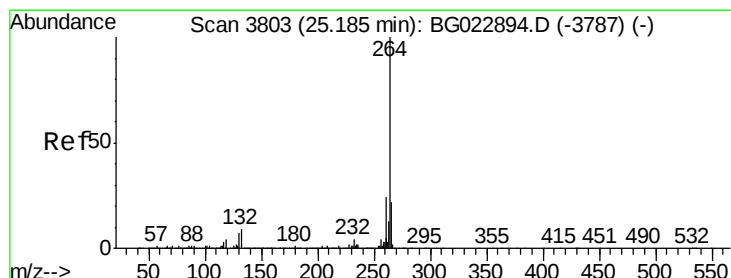
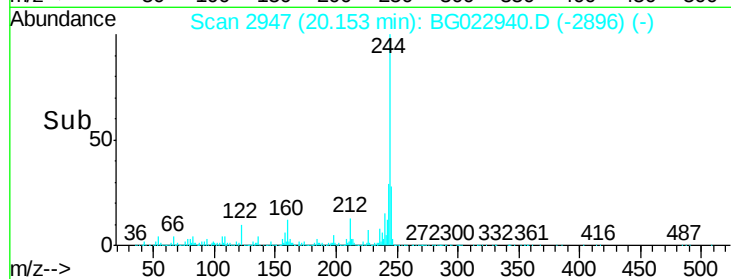
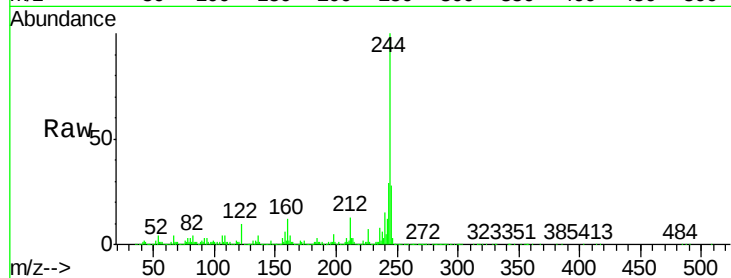
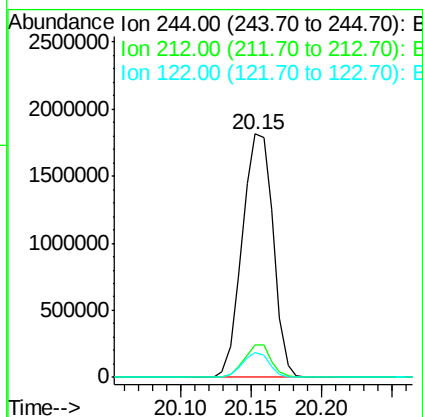
BNA_G

ClientSampleId :

LIP-22

Tot Ion:244 Resp: 2779188

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	10.3	8.0	12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.01 min

Lab File: BG022940.D

Acq: 8 Jul 2016 21:25

Tgt Ion:264 Resp: 954136

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	23.5	18.9	28.3

