

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023116.D
 Acq On : 15 Jul 2016 16:47
 Operator : UM/SJ
 Sample : H4016-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-18

Quant Time: Jul 15 23:08:23 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

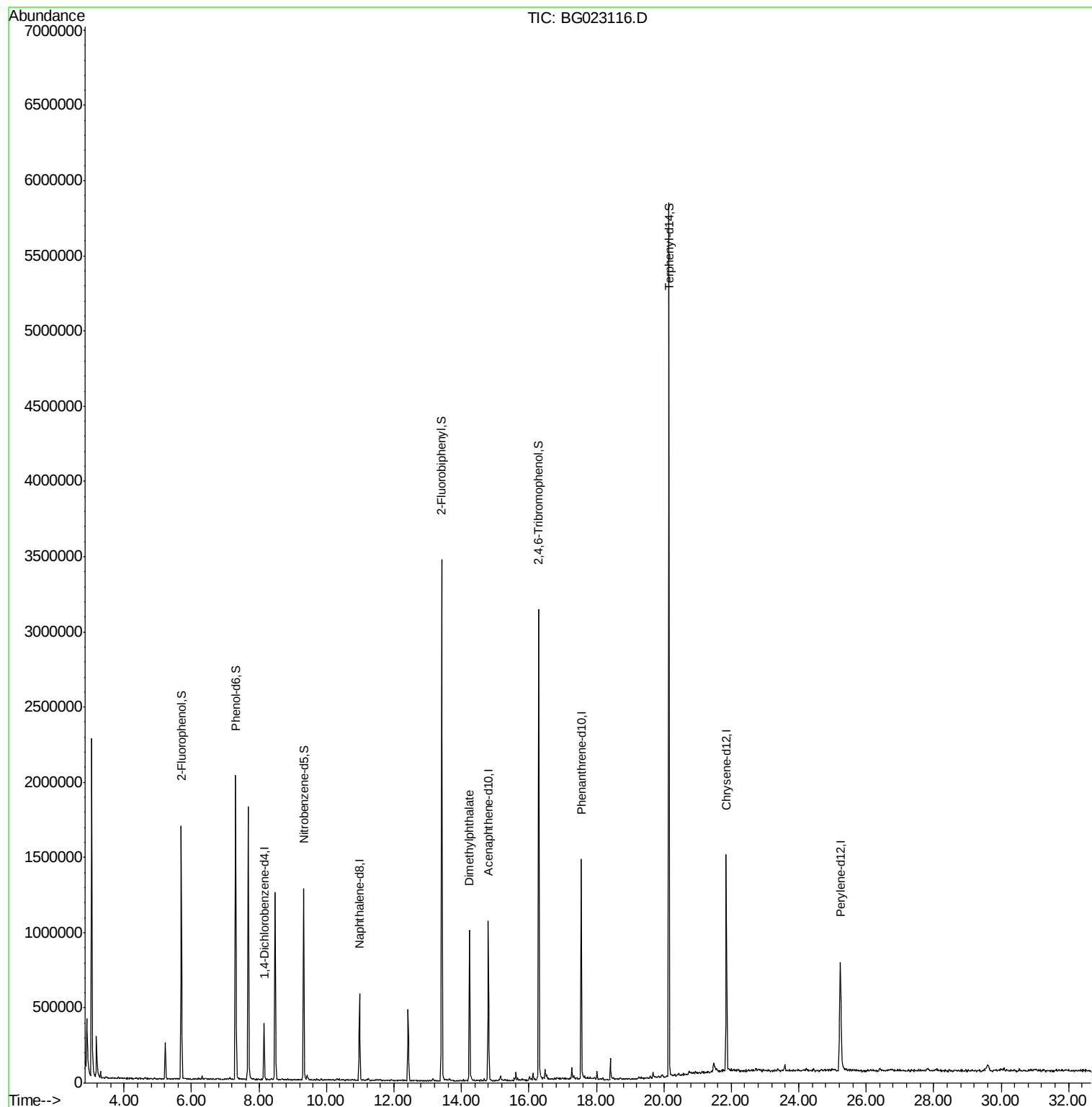
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	93828	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	467141	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	377027	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	846435	20.00	ng	0.00
75) Chrysene-d12	21.85	240	940000	20.00	ng	0.00
86) Perylene-d12	25.23	264	919228	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	685315	119.46	ng	0.00
7) Phenol-d6	7.31	99	1105277	123.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	821099	75.26	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	578789	85.42	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1717353	71.75	ng	0.00
78) Terphenyl-d14	20.15	244	2304460	74.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	602138	19.55	ng	Qvalue 98

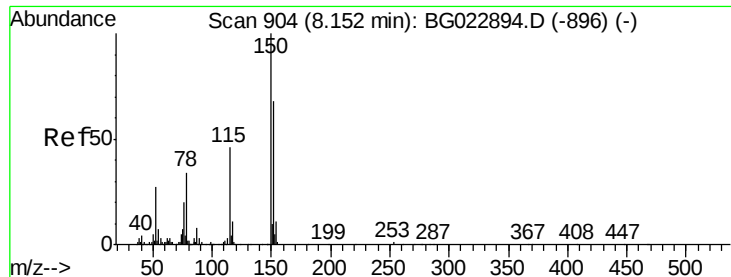
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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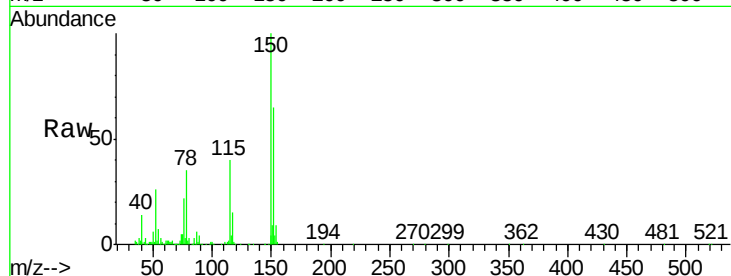


#1

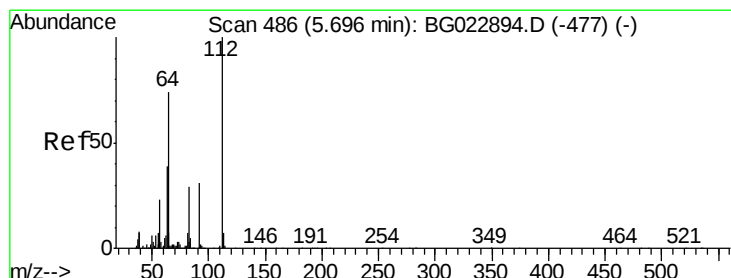
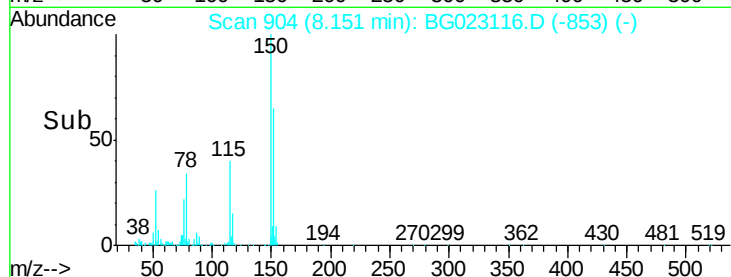
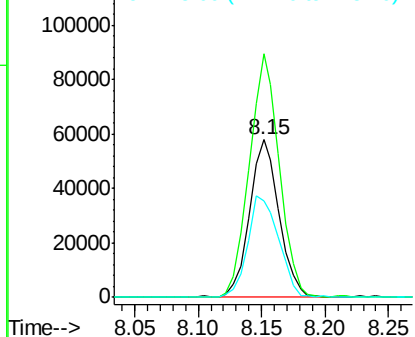
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023116.D
Acq: 15 Jul 2016 16:47

Instrument :
BNA_G
ClientSampleId :
C5-18

Tgt Ion:152 Resp: 93828
Ion Ratio Lower Upper
152 100
150 154.5 144.7 217.1
115 61.3 64.0 96.0#



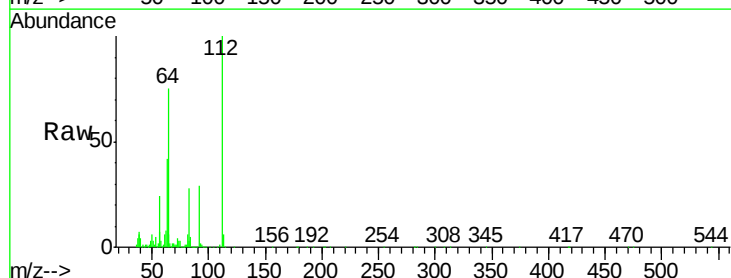
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



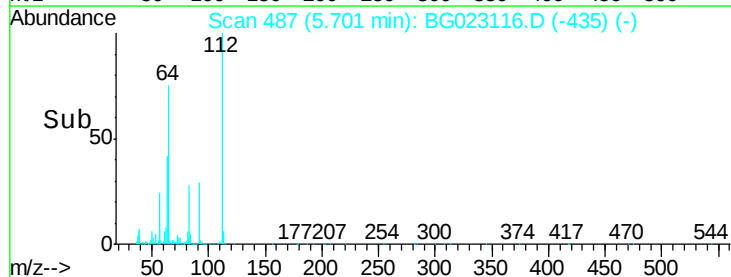
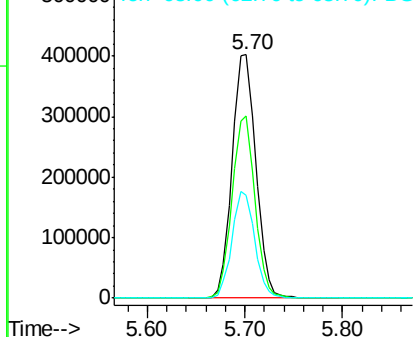
#5

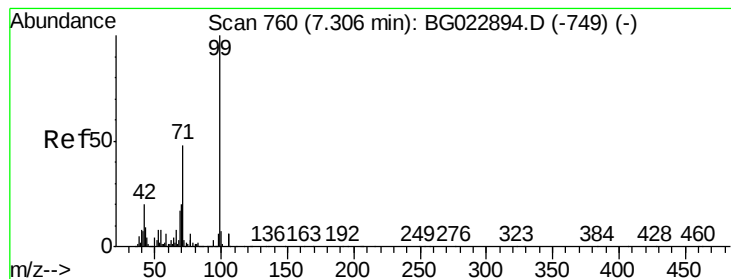
2-Fluorophenol
Concen: 119.46 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023116.D
Acq: 15 Jul 2016 16:47

Tgt Ion:112 Resp: 685315
Ion Ratio Lower Upper
112 100
64 74.8 59.0 88.4
63 42.0 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: 123.01 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023116.D

Acq: 15 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

C5-18

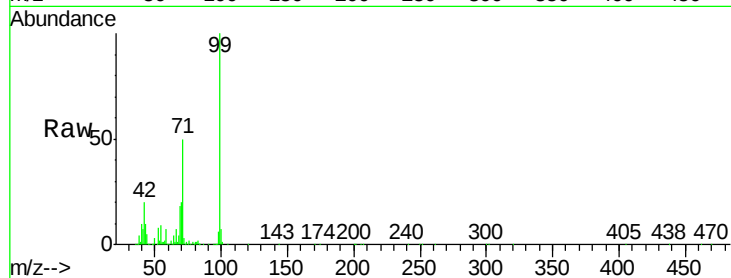
Tgt Ion: 99 Resp: 1105277

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	50.5	41.5	62.3

99 100

42 20.1 17.8 26.6

71 50.5 41.5 62.3

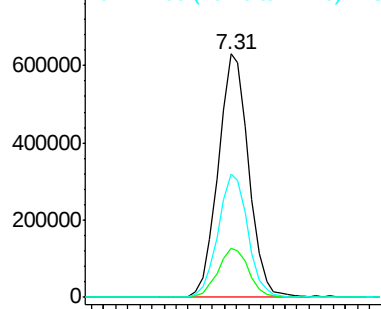


Abundance

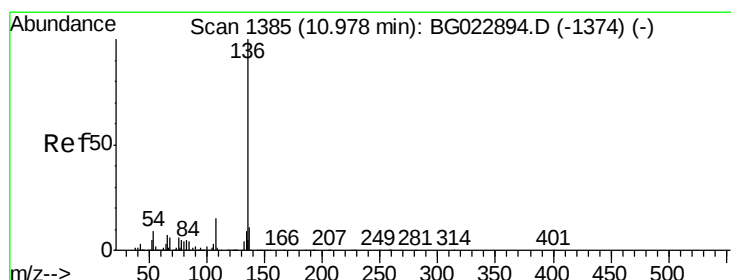
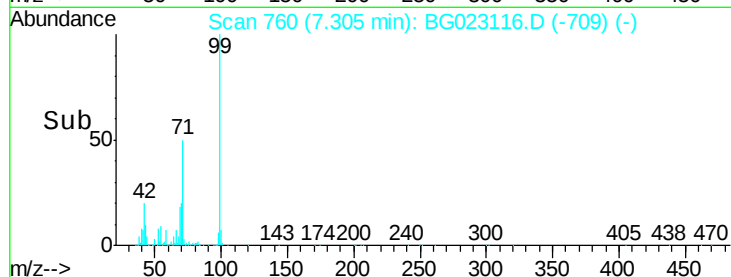
Ion 99.00 (98.70 to 99.70): BGC

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# 1385

Delta R.T. -0.00 min

Lab File: BG023116.D

Acq: 15 Jul 2016 16:47

Tgt Ion: 136 Resp: 467141

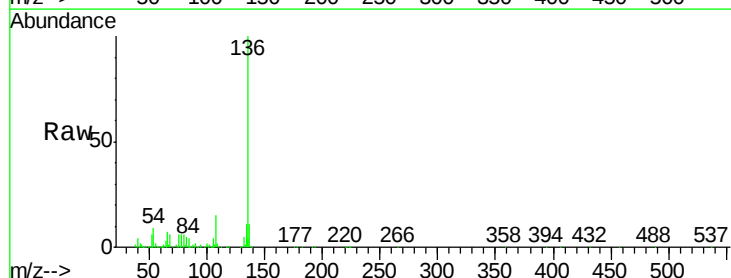
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.9	7.3	10.9
68	6.2	5.3	7.9

136 100

137 11.2 9.6 14.4

54 8.9 7.3 10.9

68 6.2 5.3 7.9



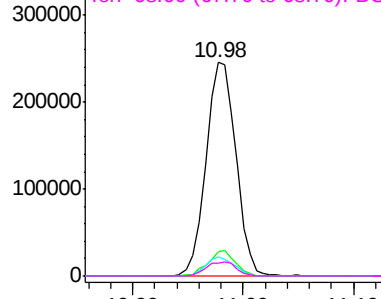
Abundance

Ion 136.00 (135.70 to 136.70): BGC

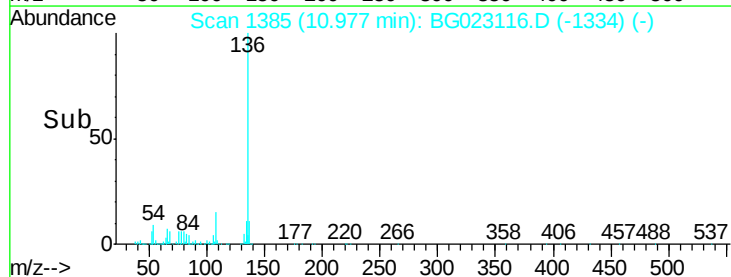
Ion 137.00 (136.70 to 137.70): BGC

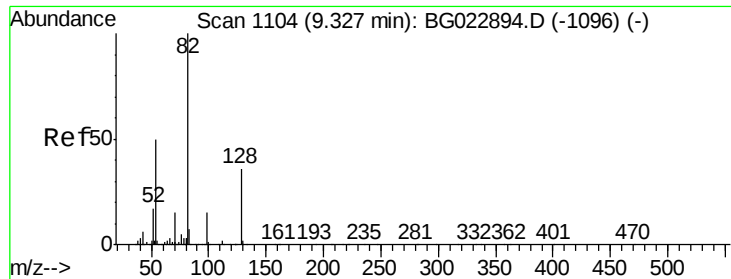
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

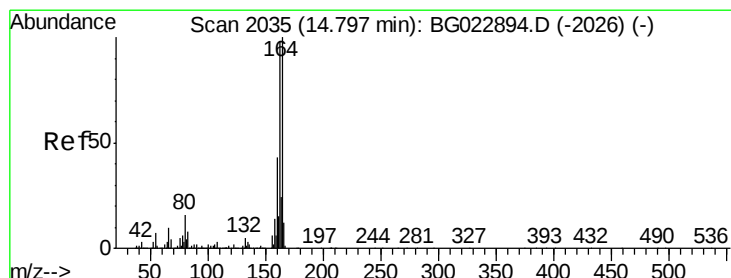
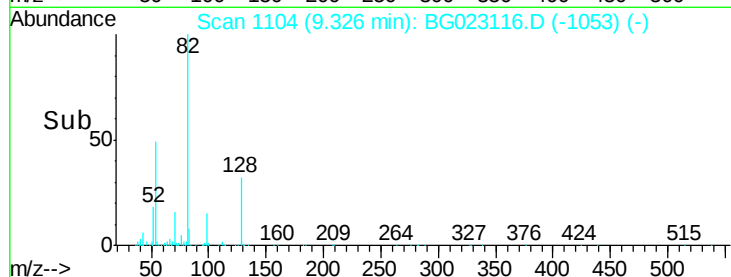
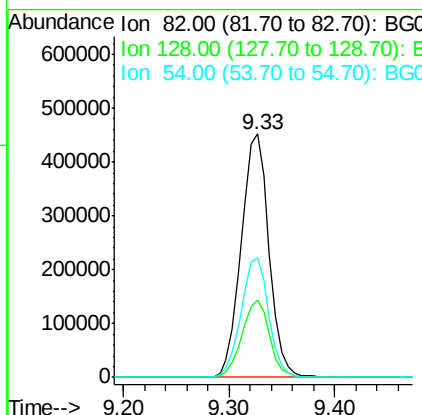
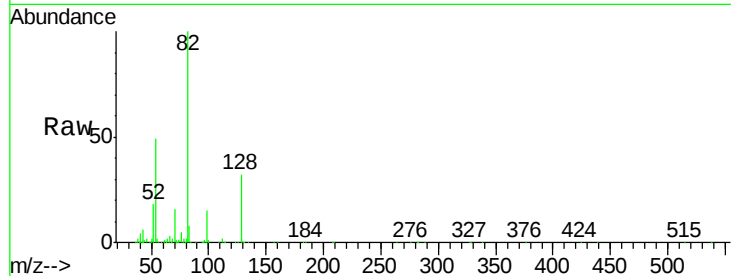




#23
 Nitrobenzene-d5
 Concen: 75.26 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023116.D
 Acq: 15 Jul 2016 16:47

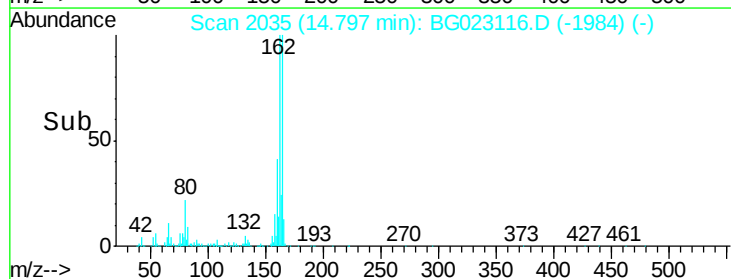
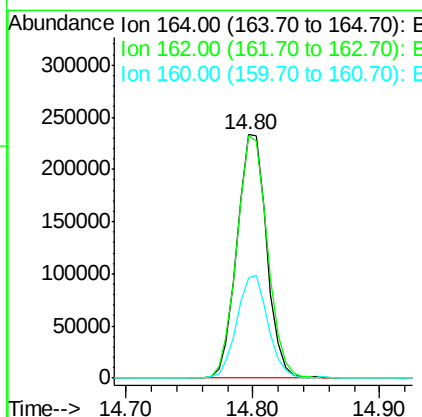
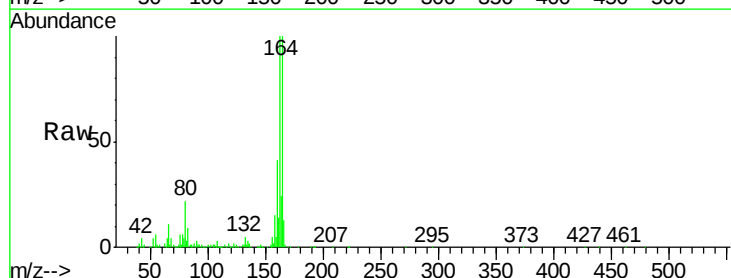
Instrument :
 BNA_G
 ClientSampleId :
 C5-18

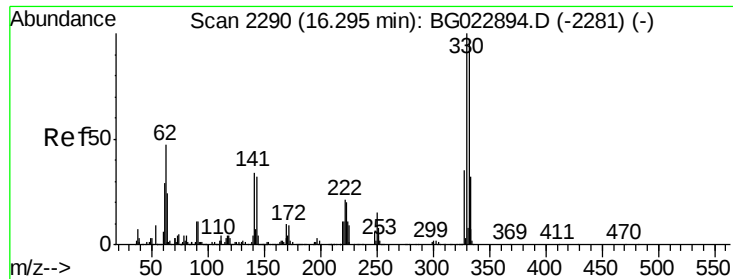
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	49.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023116.D
 Acq: 15 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	87.7	131.5
160	41.3	37.2	55.8

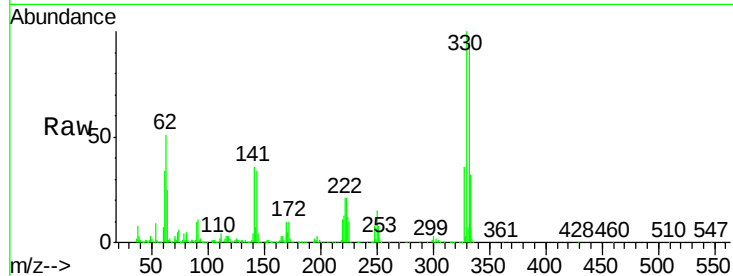




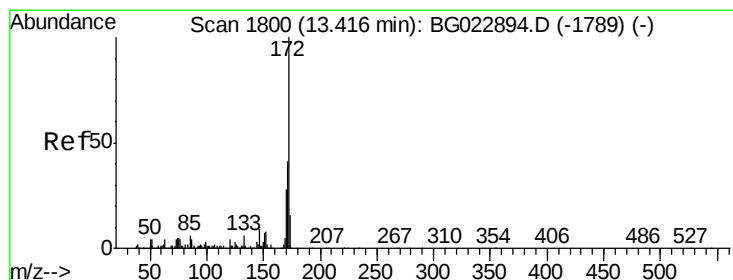
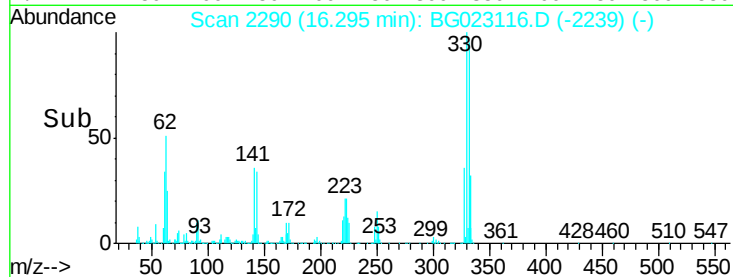
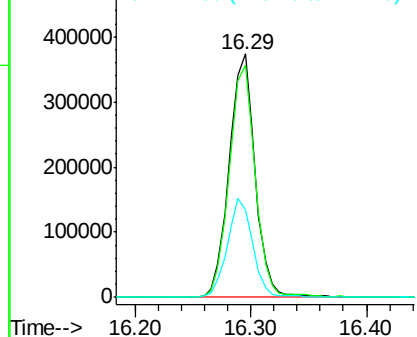
#41
 2,4,6-Tribromophenol
 Concen: 85.42 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023116.D
 Acq: 15 Jul 2016 16:47

Instrument :
 BNA_G
 ClientSampled :
 C5-18

Tgt Ion:330 Resp: 578789
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.9 31.7 47.5

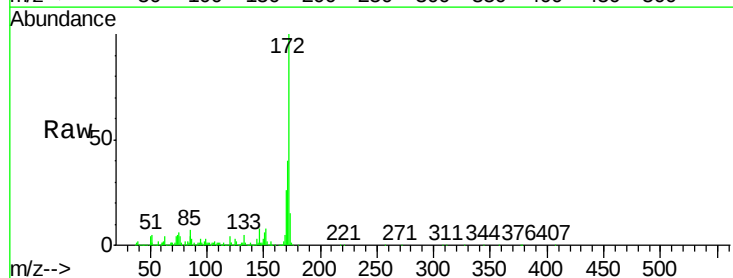


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

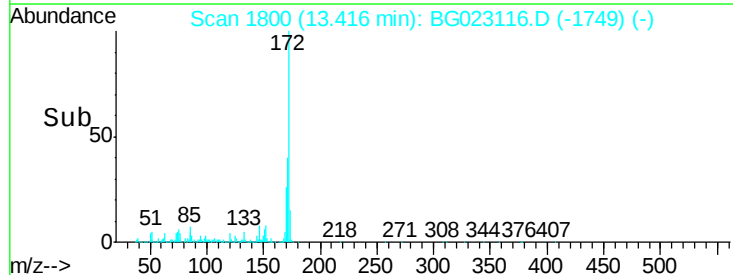
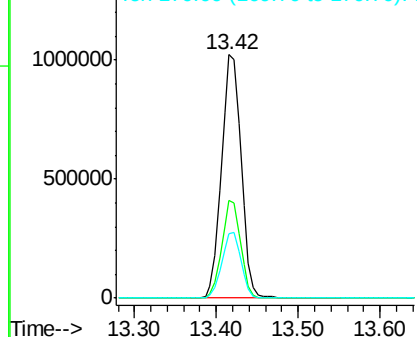


#44
 2-Fluorobiphenyl
 Concen: 71.75 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023116.D
 Acq: 15 Jul 2016 16:47

Tgt Ion:172 Resp: 1717353
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.6 47.4
 170 26.5 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: 19.55 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023116.D

Acq: 15 Jul 2016 16:47

Instrument :

BNA_G

ClientSampled :

C5-18

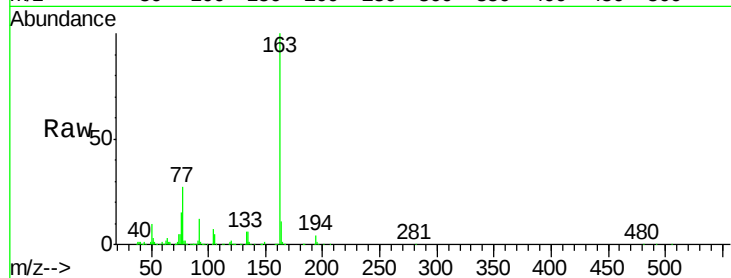
Tgt Ion:163 Resp: 602138

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

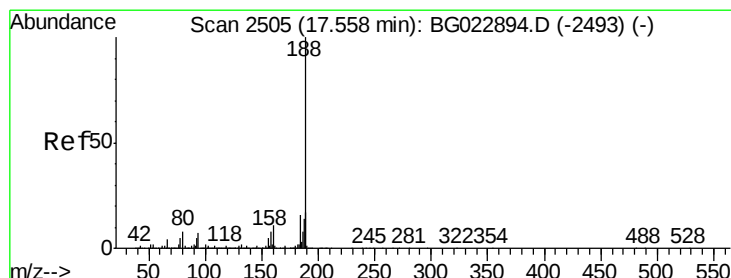
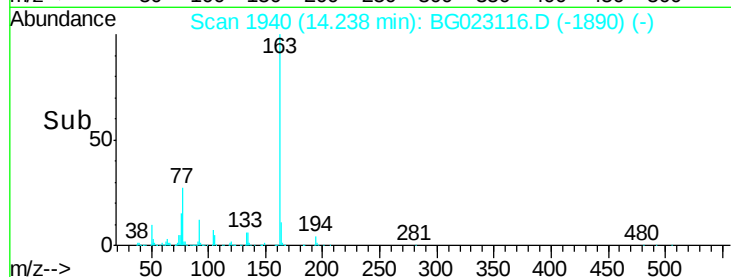
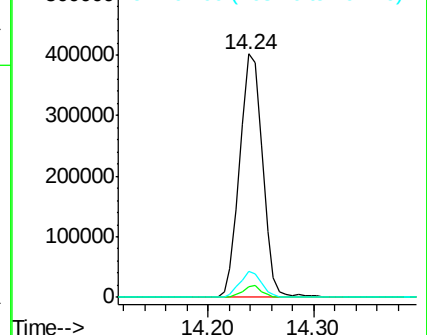
164 10.8 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023116.D

Acq: 15 Jul 2016 16:47

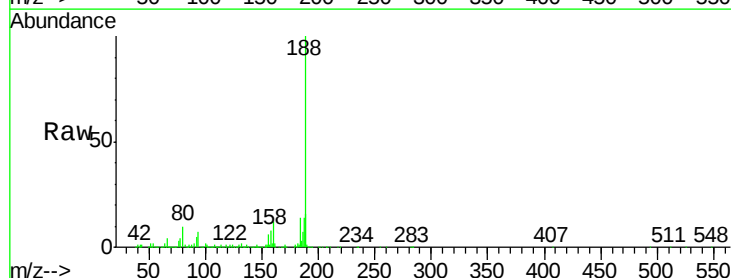
Tgt Ion:188 Resp: 846435

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

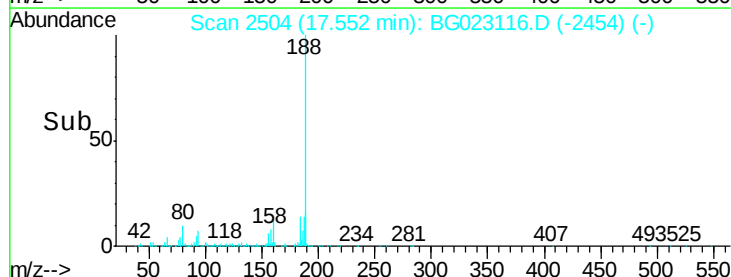
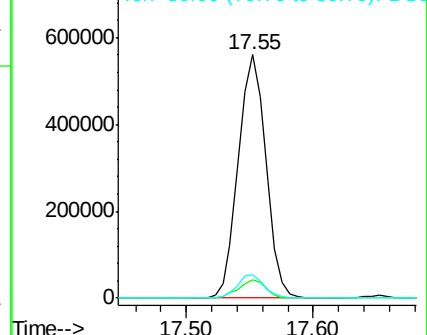
80 9.6 7.2 10.8

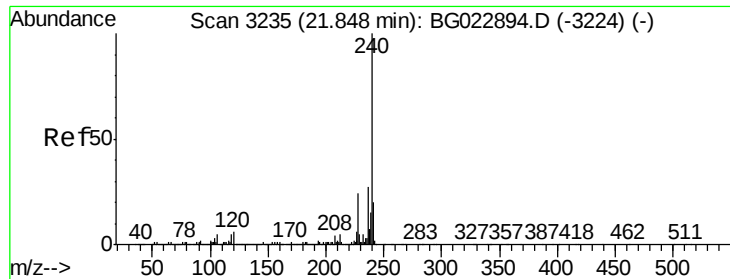


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

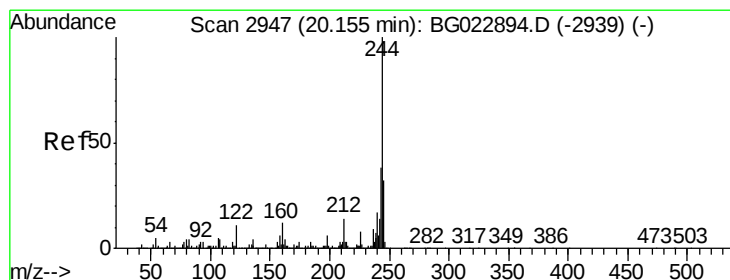
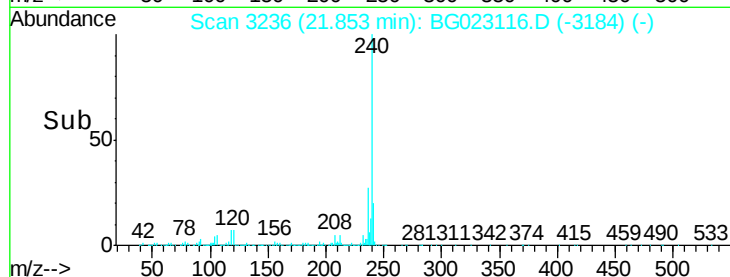
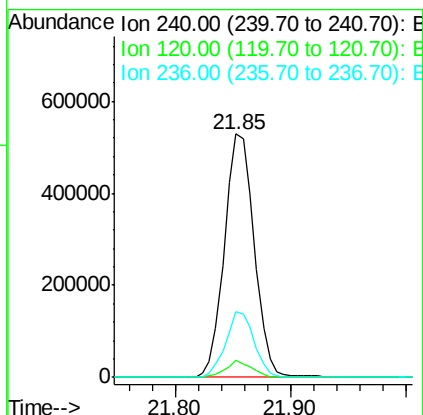
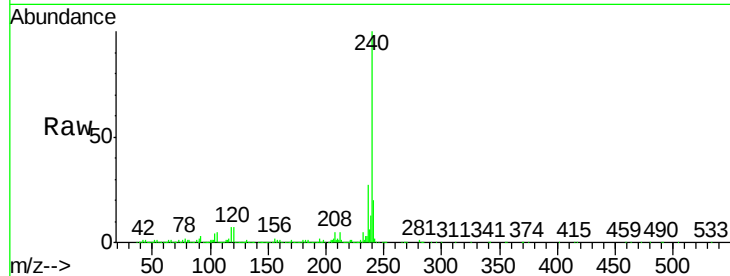




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023116.D
Acq: 15 Jul 2016 16:47

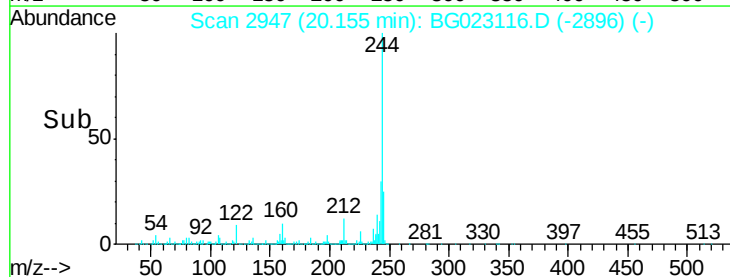
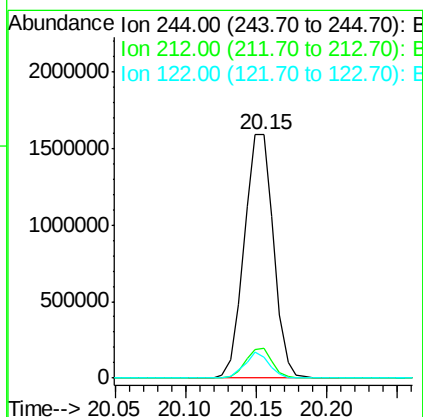
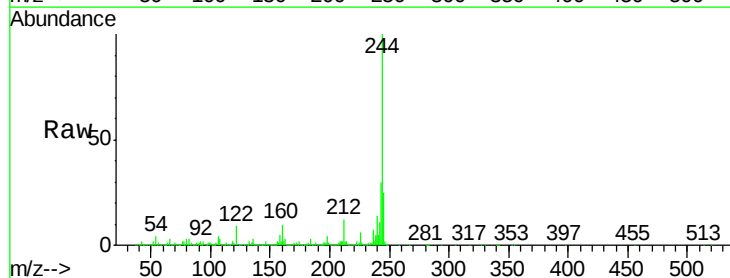
Instrument :
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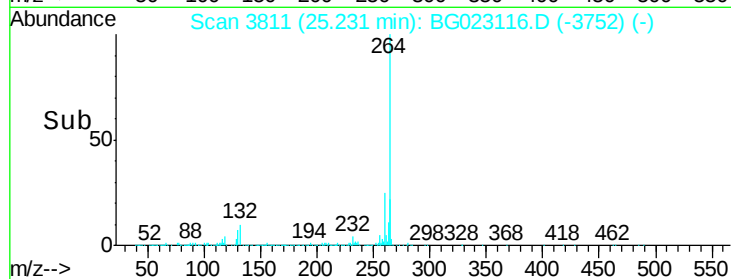
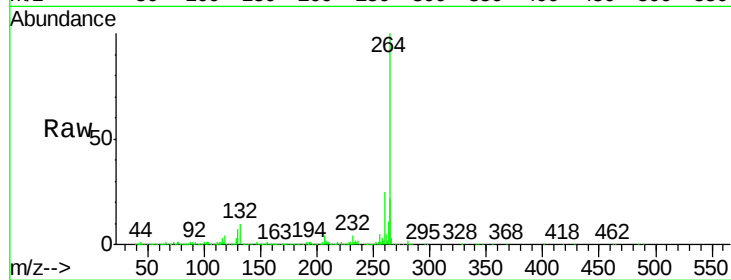
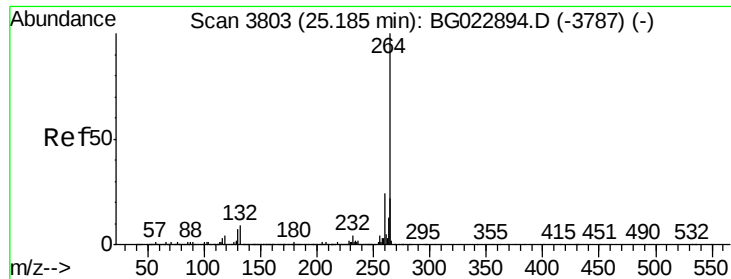
Tgt Ion:240 Resp: 940000
Ion Ratio Lower Upper
240 100
120 6.8 4.1 6.1#
236 26.8 21.1 31.7



#78
Terphenyl-d14
Concen: 74.01 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023116.D
Acq: 15 Jul 2016 16:47

Tgt Ion:244 Resp: 2304460
Ion Ratio Lower Upper
244 100
212 12.0 10.8 16.2
122 8.8 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. 0.05 min

Lab File: BG023116.D

Acq: 15 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

C5-18

Tgt Ion:264 Resp: 919228

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.6 18.9 28.3

