

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022970.D
 Acq On : 9 Jul 2016 18:08
 Operator : UM/SJ
 Sample : PB91968BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BL

Quant Time: Jul 11 02:28:19 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	84776	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	396439	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	326787	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	848433	20.00	ng	0.00
75) Chrysene-d12	21.84	240	933013	20.00	ng	0.00
86) Perylene-d12	25.21	264	919659	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	732705	141.35	ng	0.00
7) Phenol-d6	7.31	99	1139049	140.30	ng	0.00
23) Nitrobenzene-d5	9.32	82	783713	84.65	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	674014	114.76	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1776079	85.61	ng	0.00
78) Terphenyl-d14	20.15	244	2823647	104.99	ng	0.00

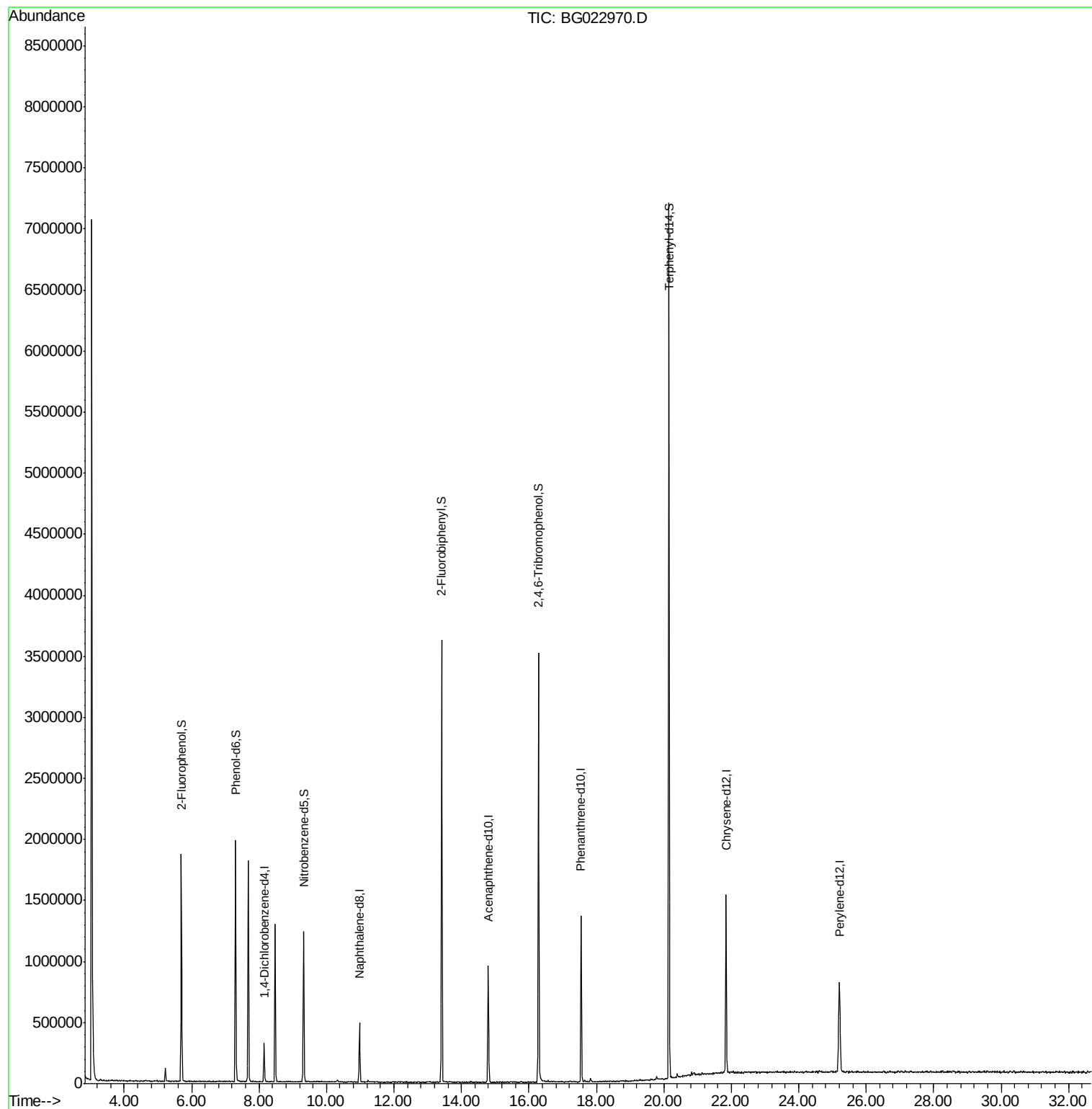
Target Compounds	Qvalue
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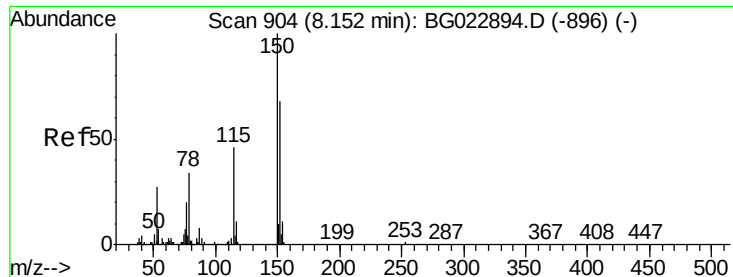
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022970.D

Acq: 9 Jul 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PB91968BL

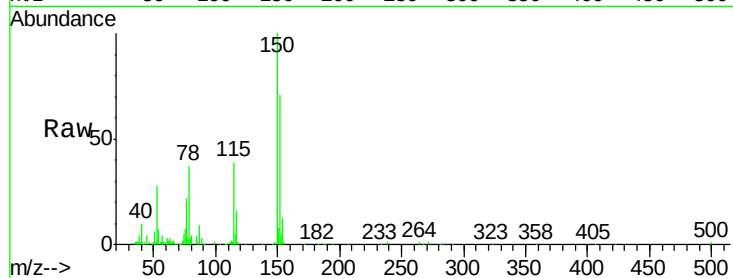
Tgt Ion:152 Resp: 84776

Ion Ratio Lower Upper

152 100

150 141.4 144.7 217.1#

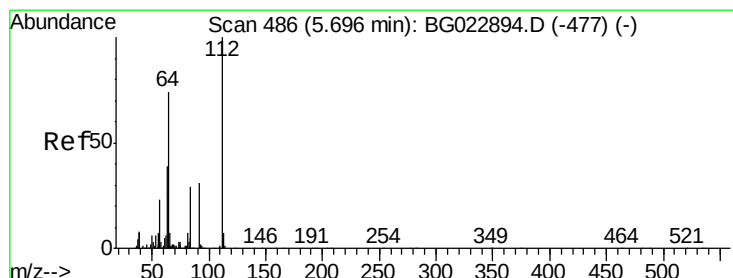
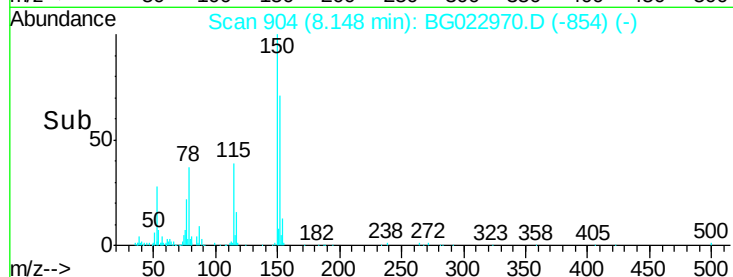
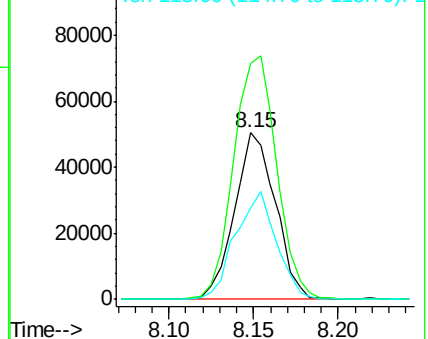
115 55.0 64.0 96.0#



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: 141.35 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

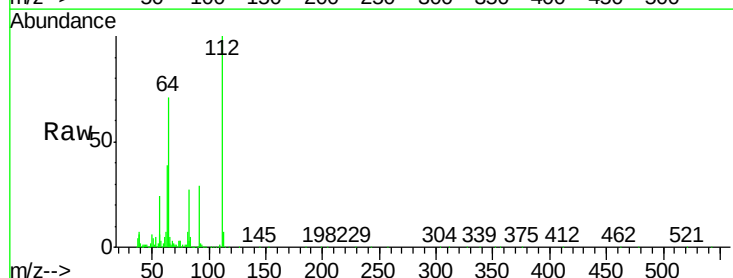
Tgt Ion:112 Resp: 732705

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

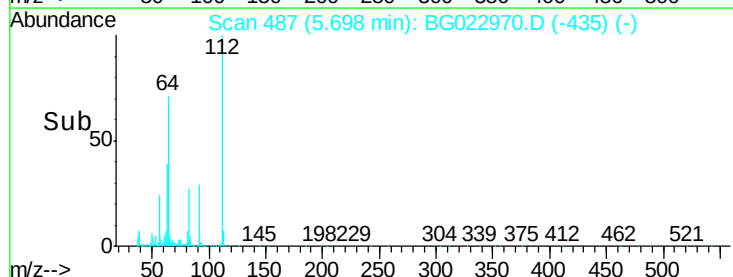
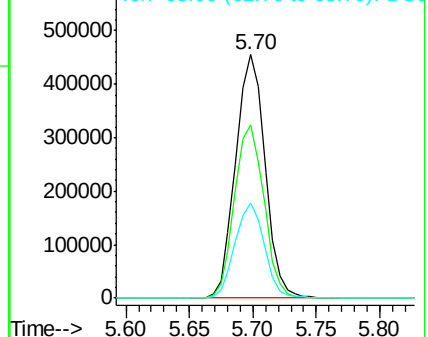
63 39.3 37.8 56.8

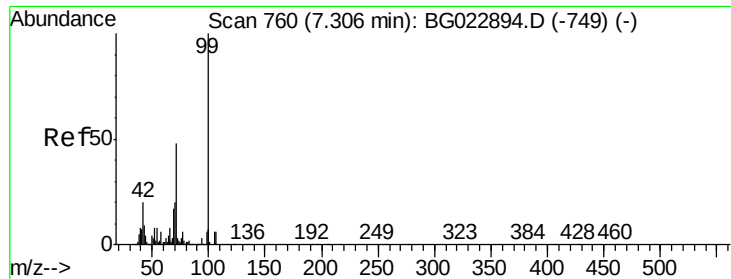


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 140.30 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PB91968BL

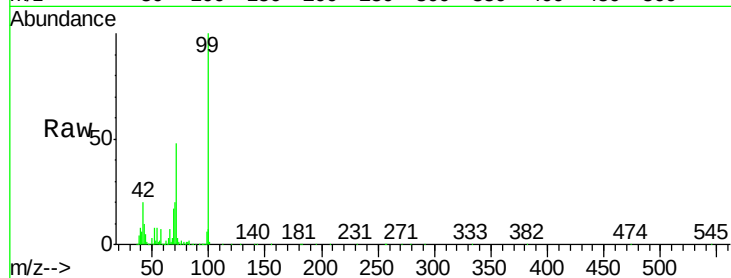
Tgt Ion: 99 Resp: 1139049

Ion Ratio Lower Upper

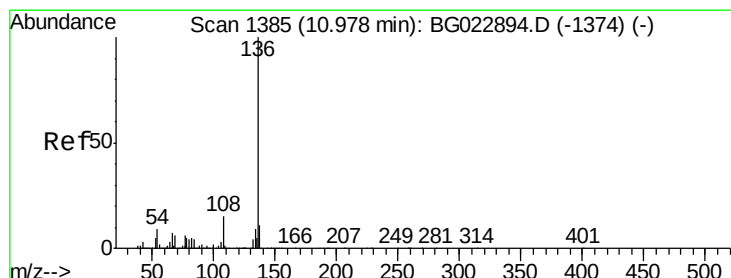
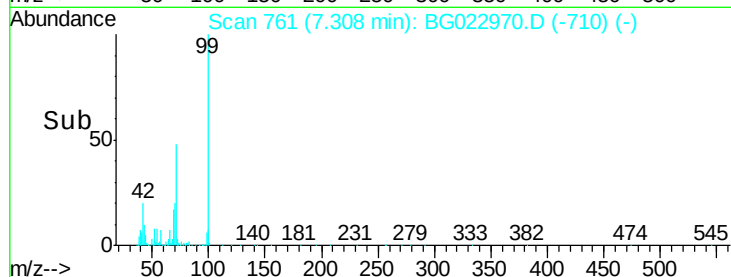
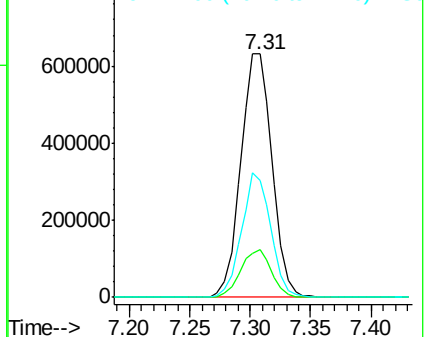
99 100

42 19.5 17.8 26.6

71 47.8 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: BG022970.D

Acq: 9 Jul 2016 18:08

Tgt Ion: 136 Resp: 396439

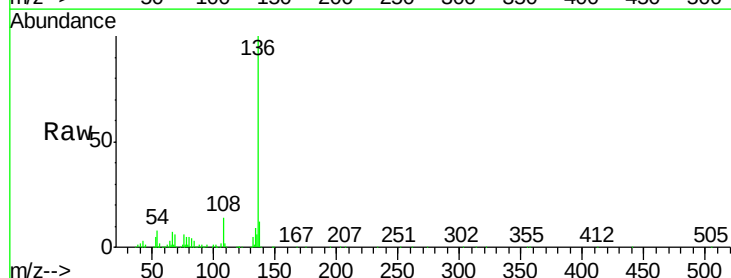
Ion Ratio Lower Upper

136 100

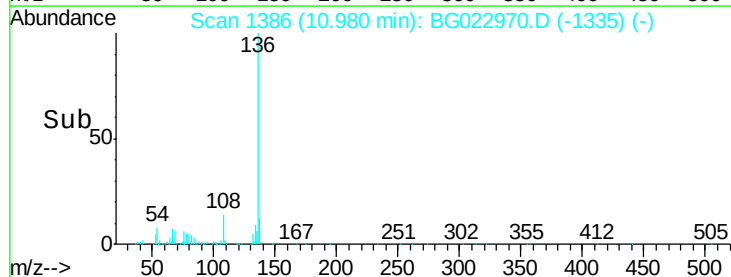
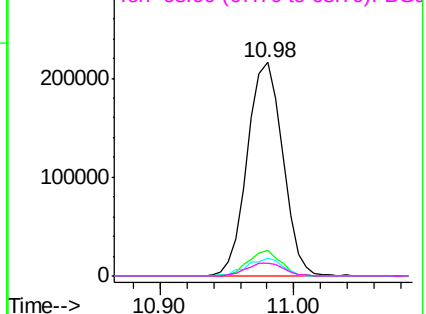
137 12.2 9.6 14.4

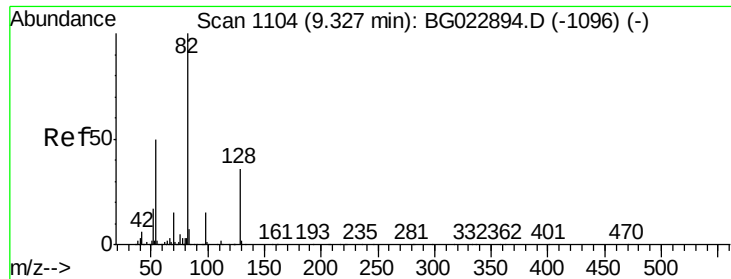
54 8.2 7.3 10.9

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

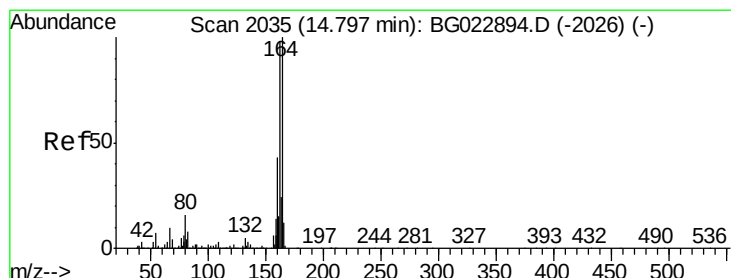
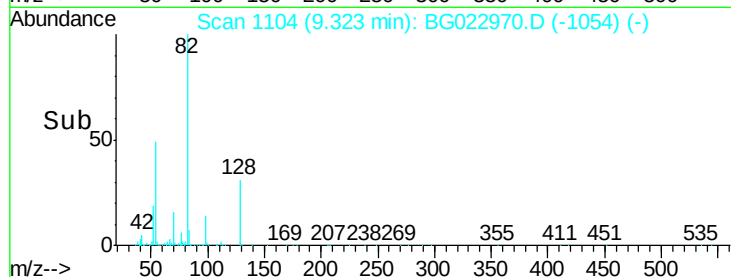
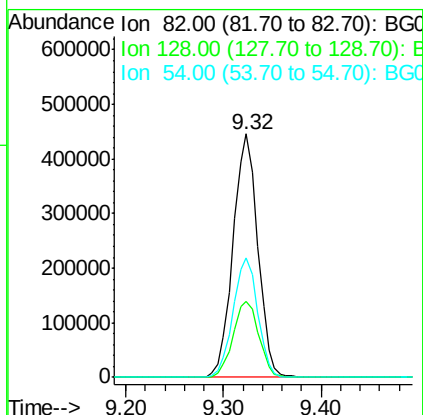
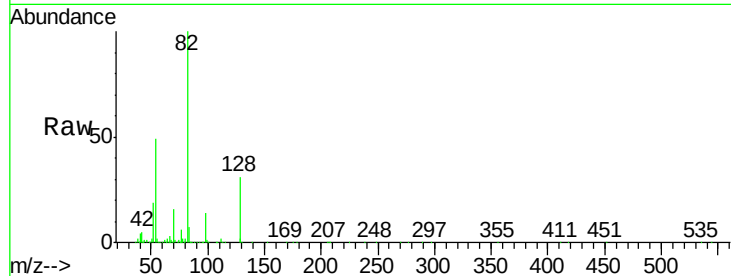




#23
 Nitrobenzene-d5
 Concen: 84.65 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022970.D
 Acq: 9 Jul 2016 18:08

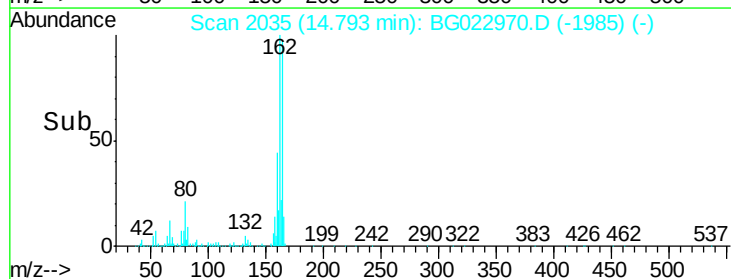
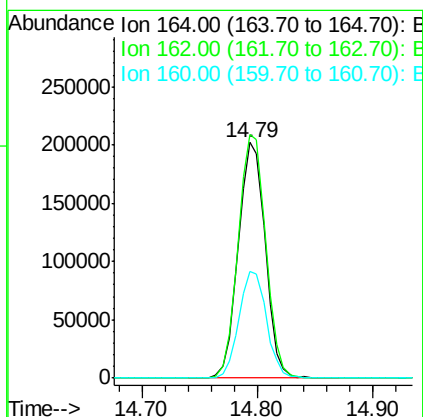
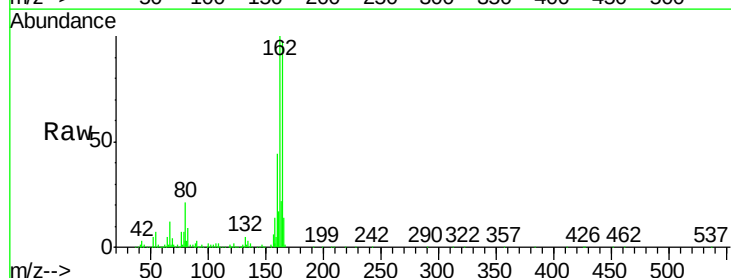
Instrument :
 BNA_G
 ClientSampleId :
 PB91968BL

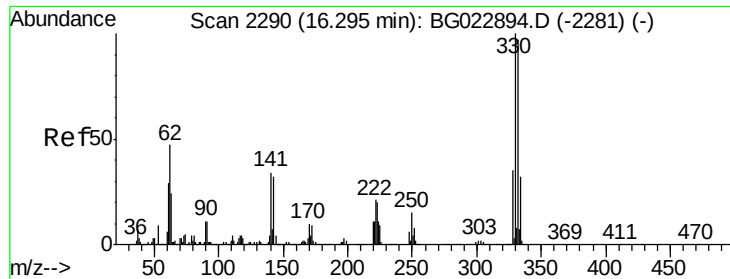
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.0	24.4	36.6
54	48.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022970.D
 Acq: 9 Jul 2016 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	87.7	131.5
160	45.1	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 114.76 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PB91968BL

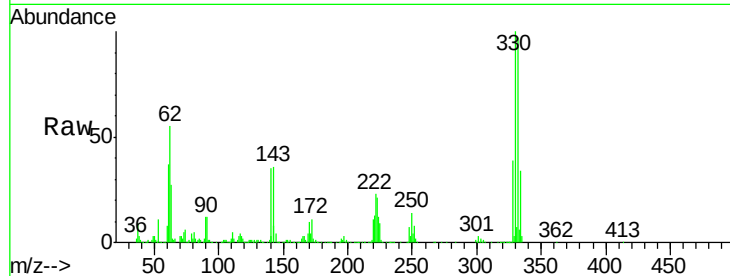
Tgt Ion:330 Resp: 674014

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

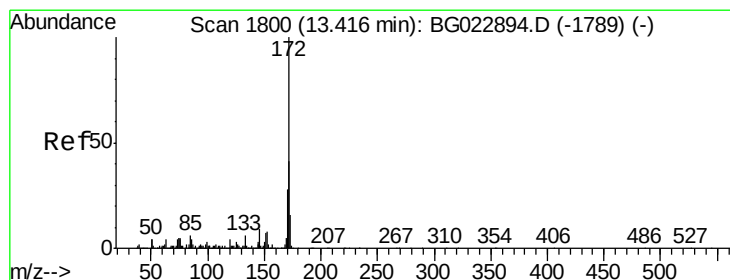
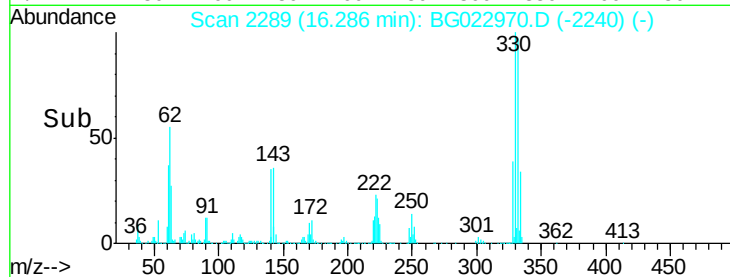
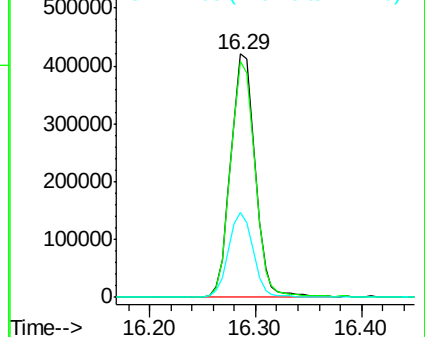
141 35.3 31.7 47.5



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: 85.61 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

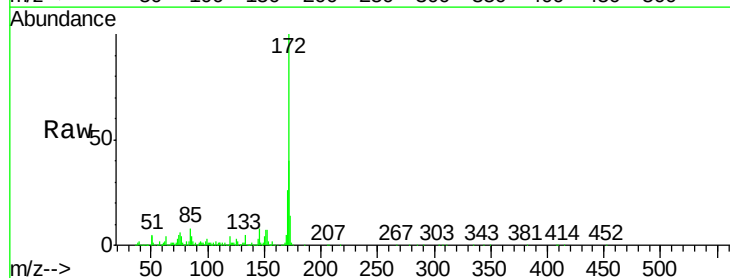
Tgt Ion:172 Resp: 1776079

Ion Ratio Lower Upper

172 100

171 39.9 31.6 47.4

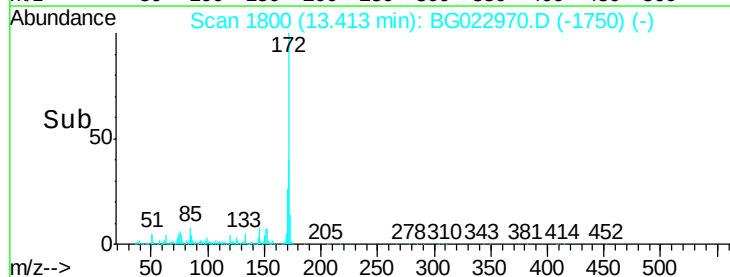
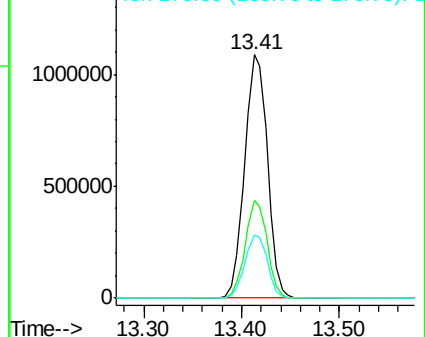
170 26.2 21.3 31.9

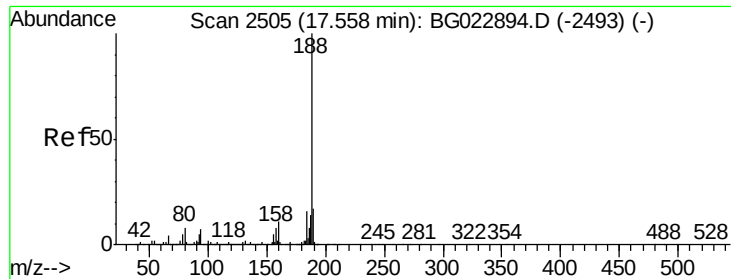


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PB91968BL

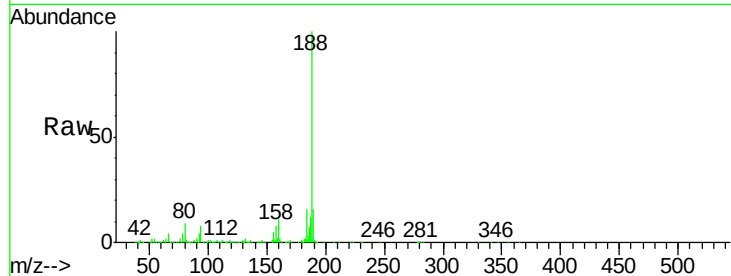
Tgt Ion:188 Resp: 848433

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

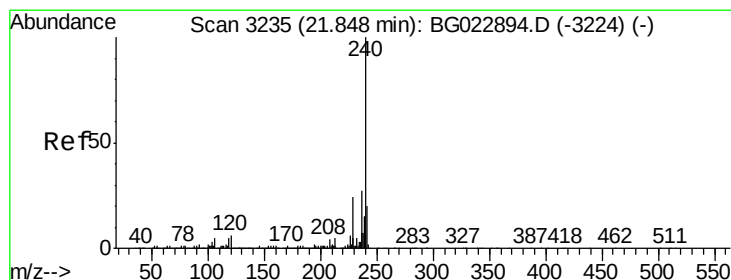
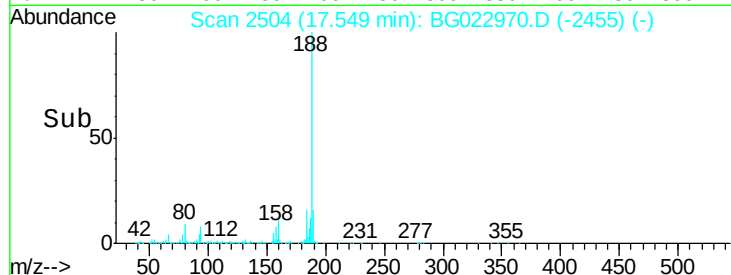
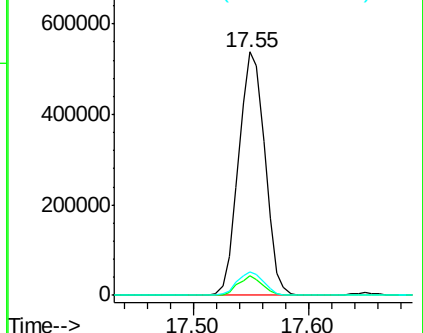
80 9.4 7.2 10.8



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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

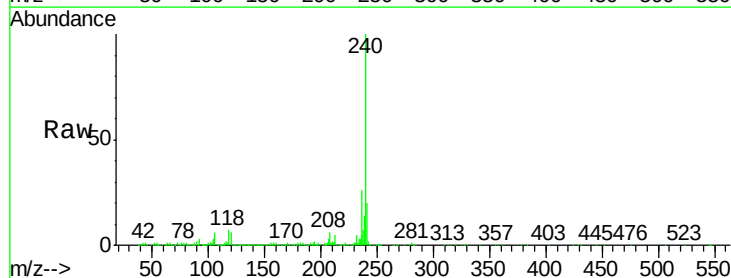
Tgt Ion:240 Resp: 933013

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

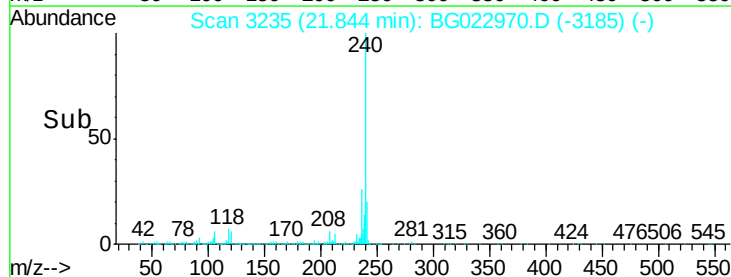
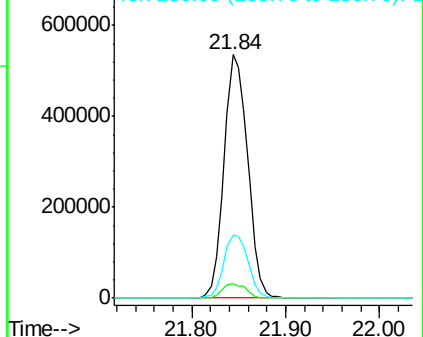
236 25.7 21.1 31.7

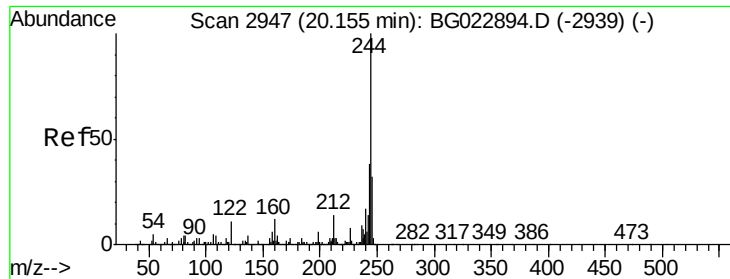


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.99 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

Instrument :

BNA_G

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PB91968BL

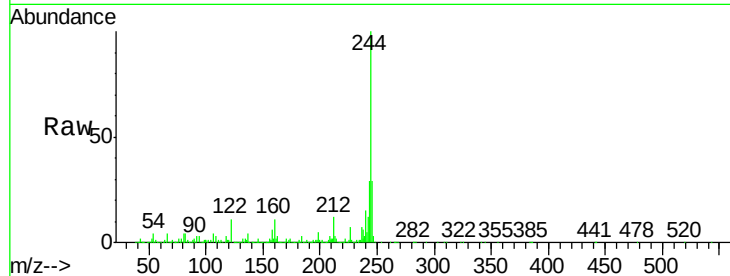
Tgt Ion:244 Resp: 2823647

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

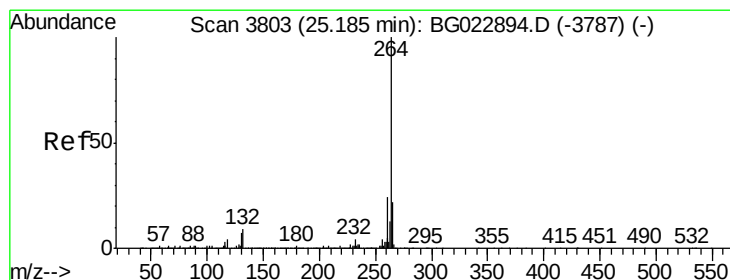
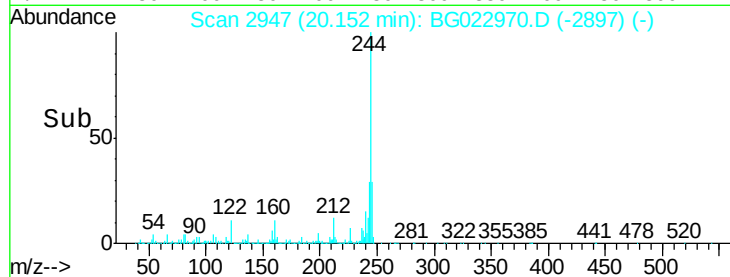
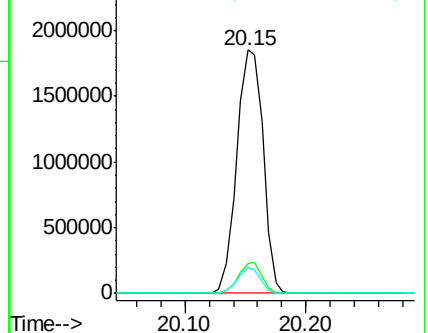
122 10.7 8.0 12.0



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: 25.21 min Scan# 3808

Delta R.T. 0.03 min

Lab File: BG022970.D

Acq: 9 Jul 2016 18:08

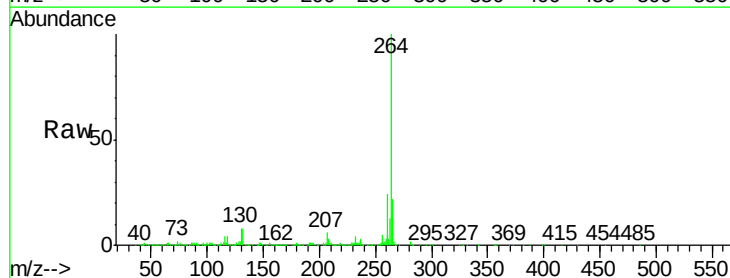
Tgt Ion:264 Resp: 919659

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.3 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

