

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022939.D
 Acq On : 8 Jul 2016 20:45
 Operator : UM/SJ
 Sample : H3859-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:25:17 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	102898	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	493103	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	363848	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	894352	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1002694	20.00	ng	0.00
86) Perylene-d12	25.21	264	1041780	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	350402	55.69	ng	0.00
7) Phenol-d6	7.31	99	370157	37.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	942855	81.87	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	798225	122.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1955308	84.65	ng	0.00
78) Terphenyl-d14	20.16	244	2755171	88.54	ng	0.00

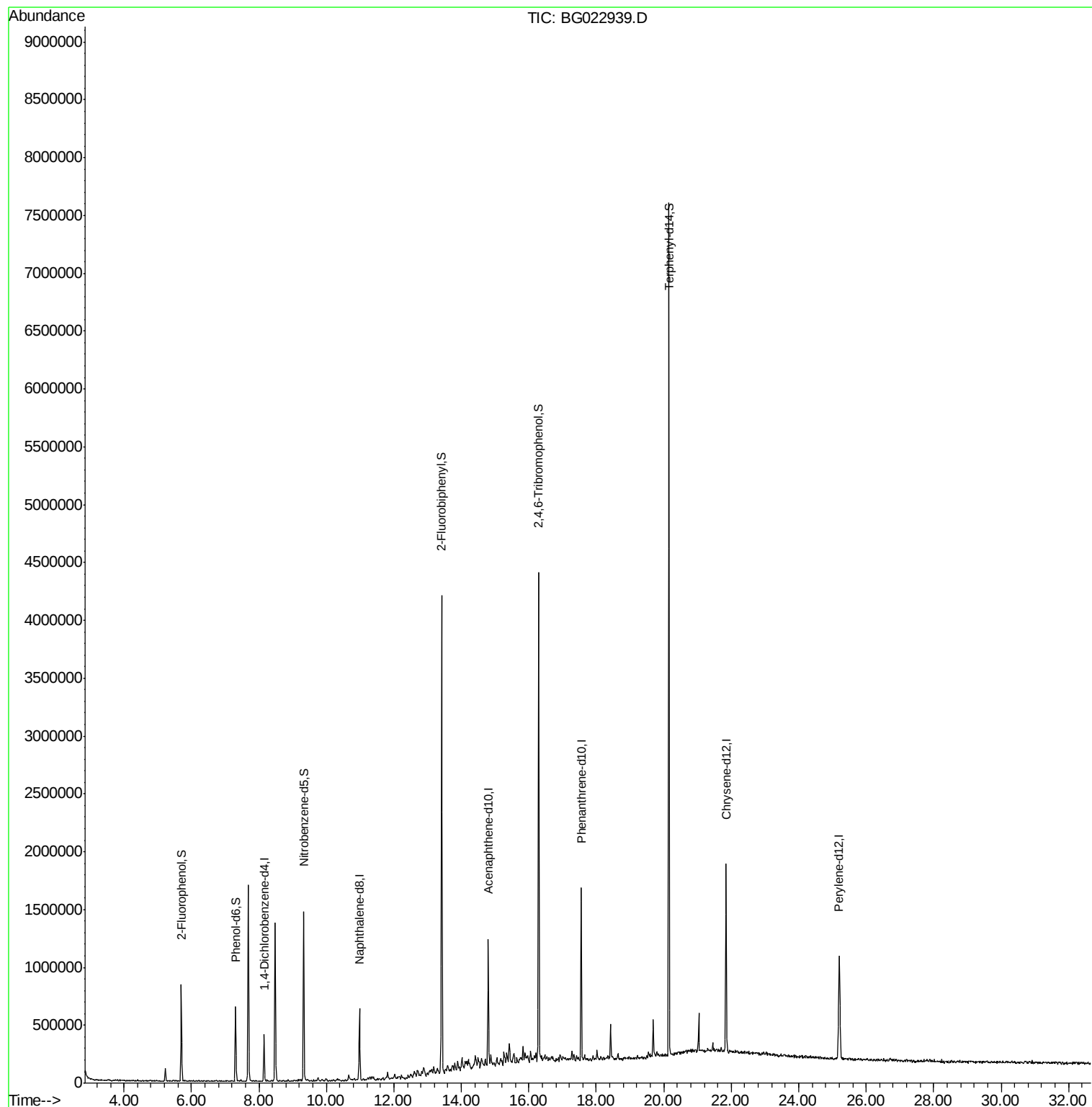
Target Compounds Qvalue

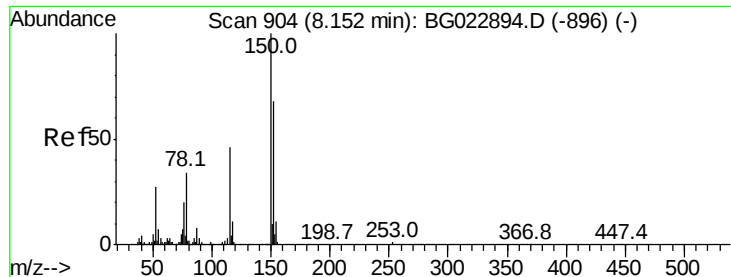
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

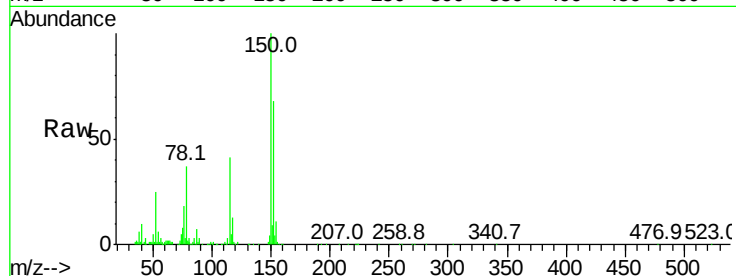
Tot Ion:152 Resp: 102898

Ion Ratio Lower Upper

152 100

150 146.8 144.7 217.1

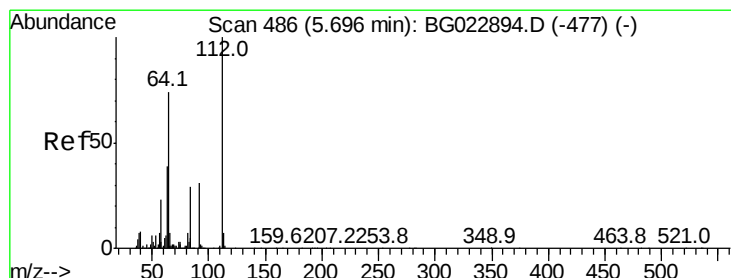
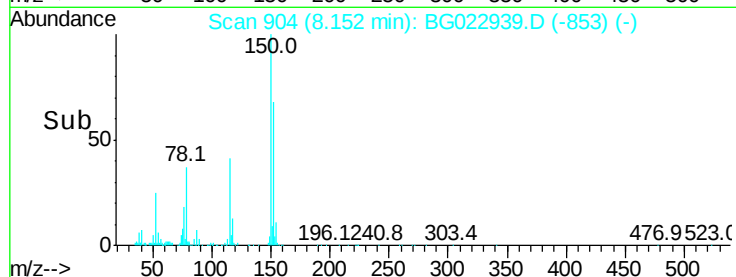
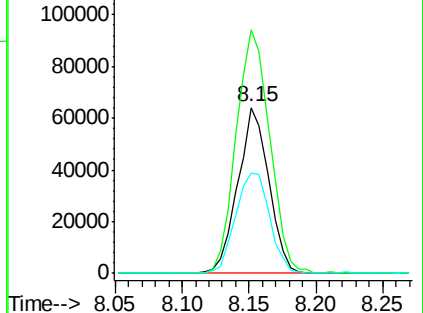
115 60.1 64.0 96.0#



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: 55.69 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

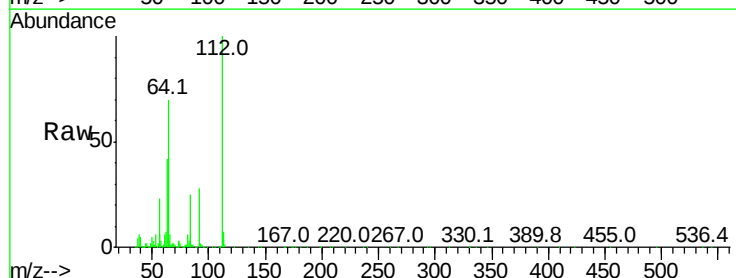
Tgt Ion:112 Resp: 350402

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

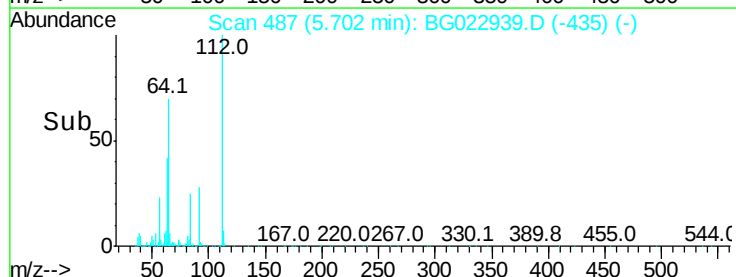
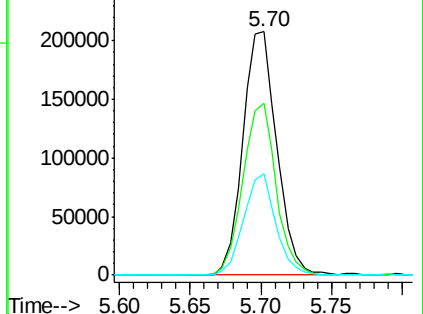
63 41.9 37.8 56.8

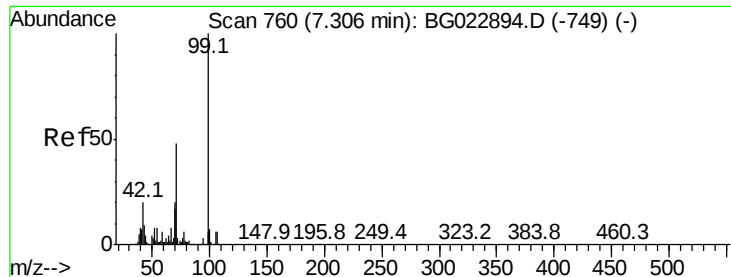


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.56 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

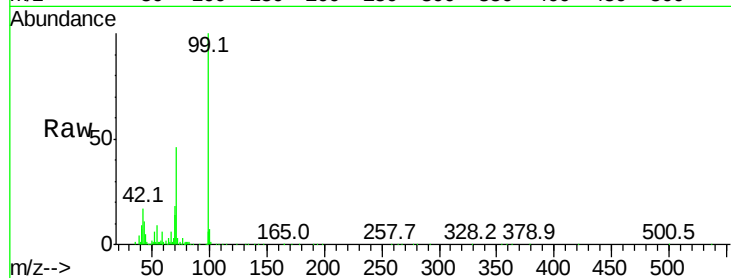
Tot Ion: 99 Resp: 370157

Ion Ratio Lower Upper

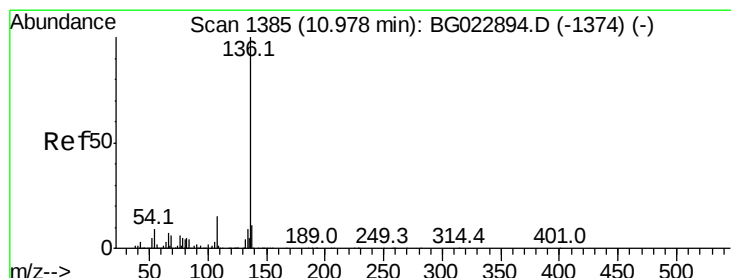
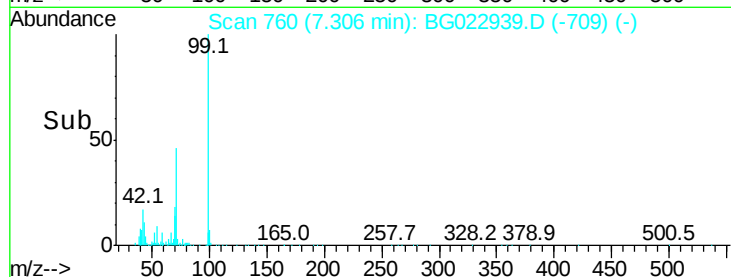
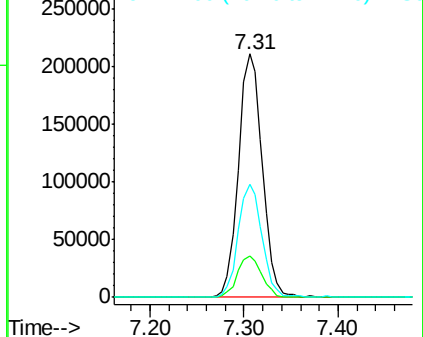
99 100

42 16.8 17.8 26.6#

71 46.3 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: BG022939.D

Acq: 8 Jul 2016 20:45

Tgt Ion: 136 Resp: 493103

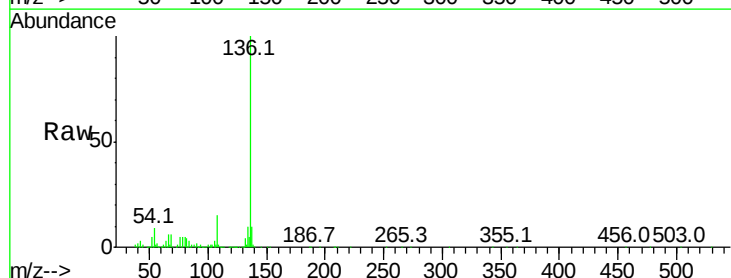
Ion Ratio Lower Upper

136 100

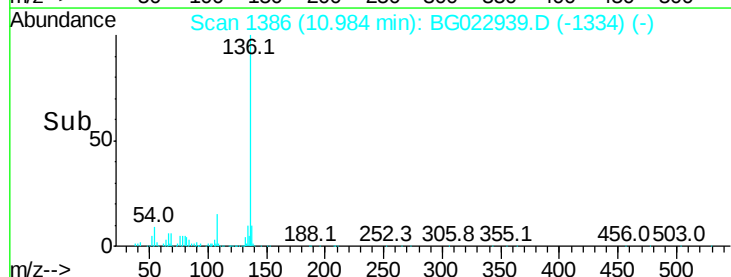
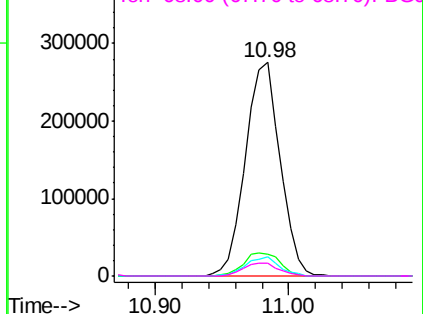
137 10.1 9.6 14.4

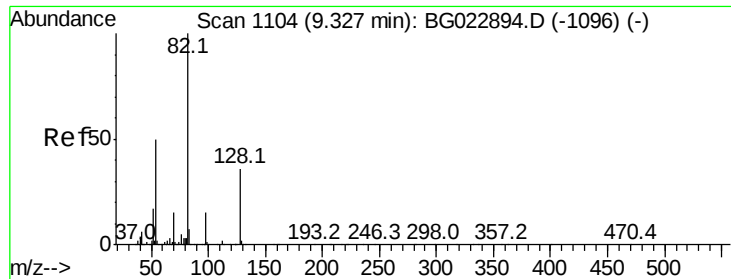
54 8.8 7.3 10.9

68 5.9 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

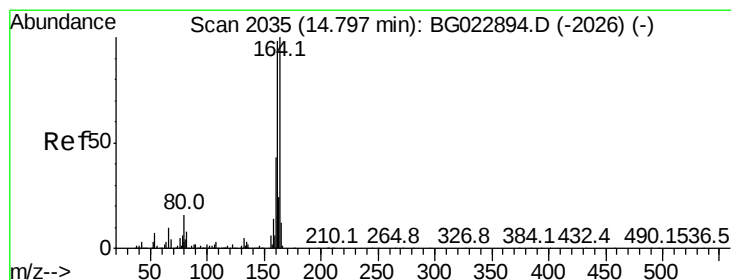
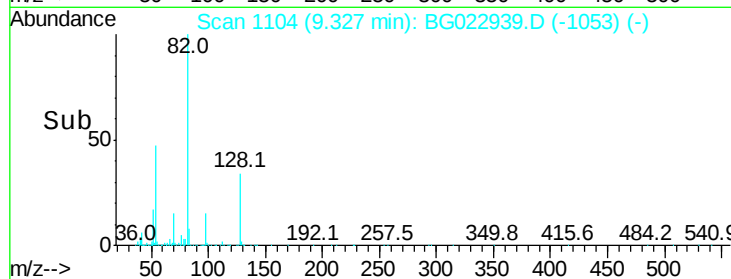
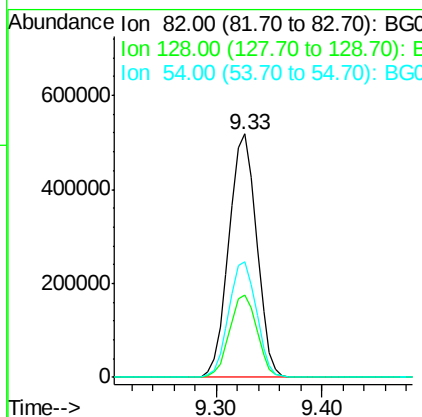
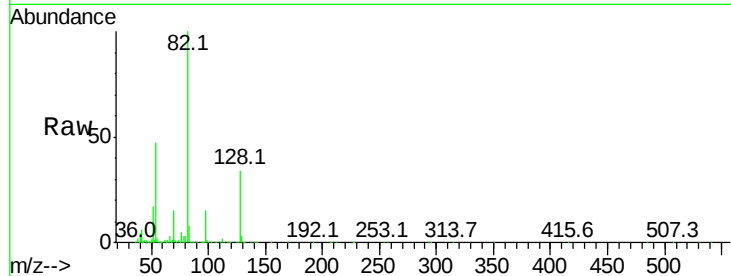




#23
 Nitrobenzene-d5
 Concen: 81.87 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG022939.D
 Acq: 8 Jul 2016 20:45

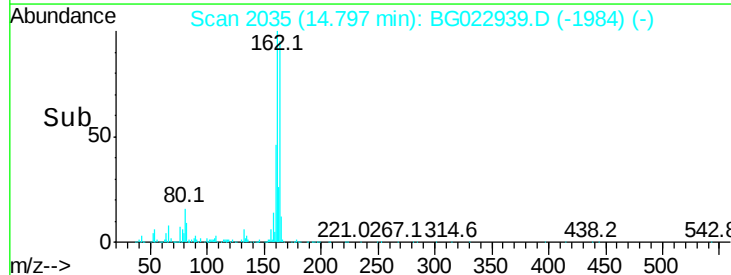
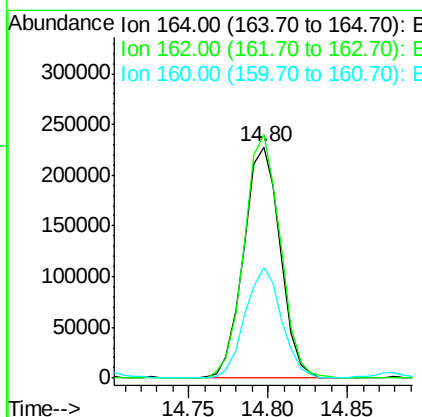
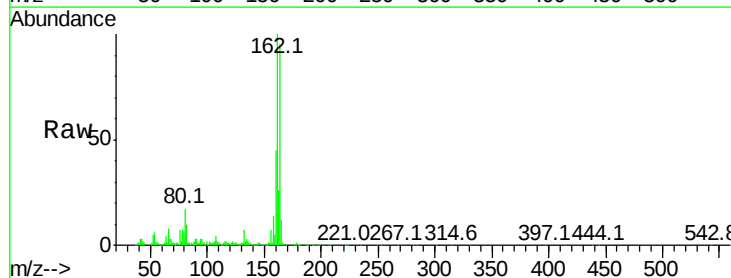
Instrument :
 BNA_G
 ClientSampleId :

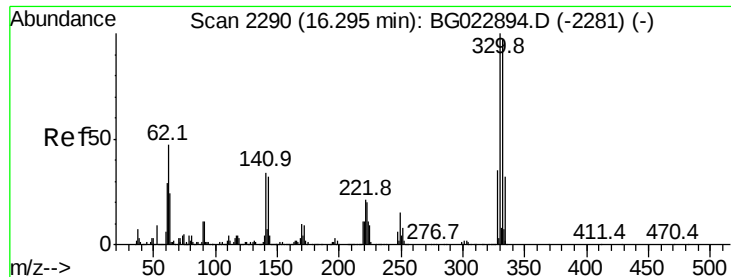
Tot Ion	82	Resp	942855
Ion Ratio	100	Lower	Upper
128	33.9	24.4	36.6
54	47.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG022939.D
 Acq: 8 Jul 2016 20:45

Tgt Ion	164	Resp	363848
Ion Ratio	100	Lower	Upper
162	105.4	87.7	131.5
160	47.9	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 122.07 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

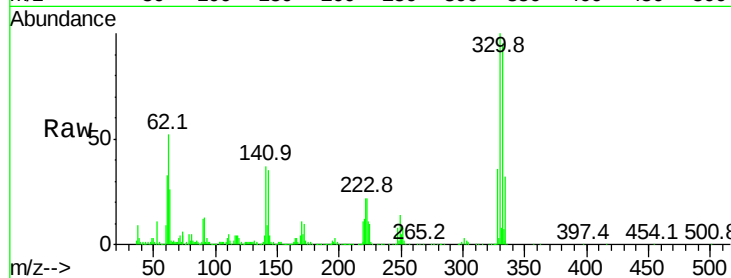
Tot Ion:330 Resp: 798225

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

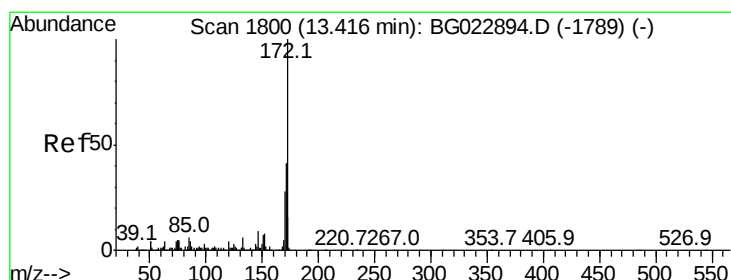
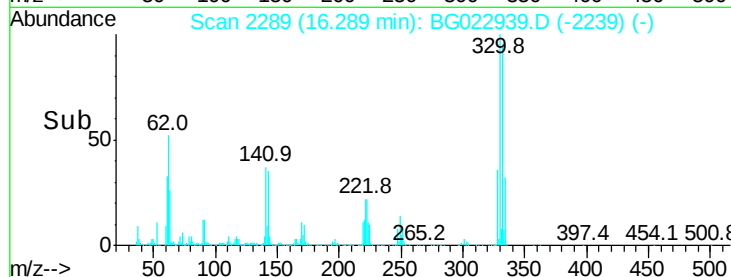
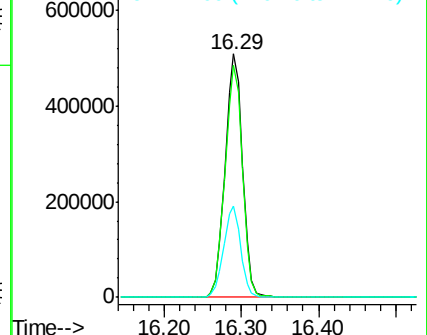
141 35.8 31.7 47.5



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: 84.65 ng

RT: 13.42 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

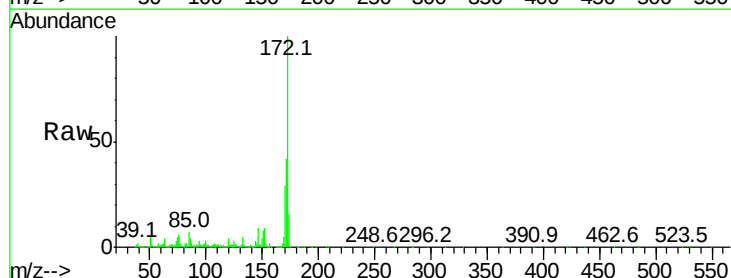
Tgt Ion:172 Resp: 1955308

Ion Ratio Lower Upper

172 100

171 42.1 31.6 47.4

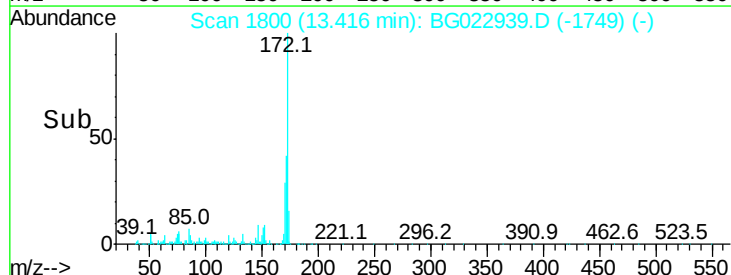
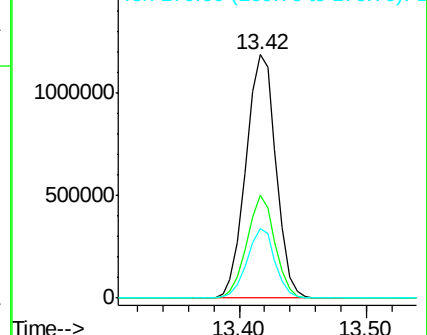
170 28.5 21.3 31.9

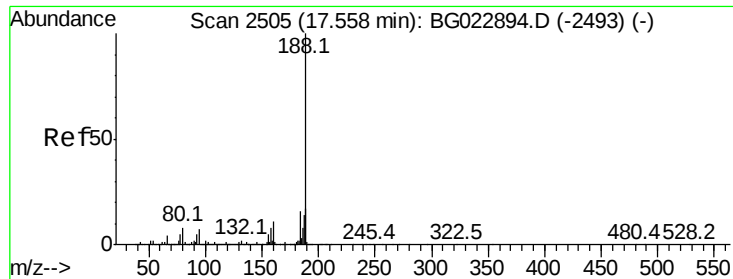


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampleId :

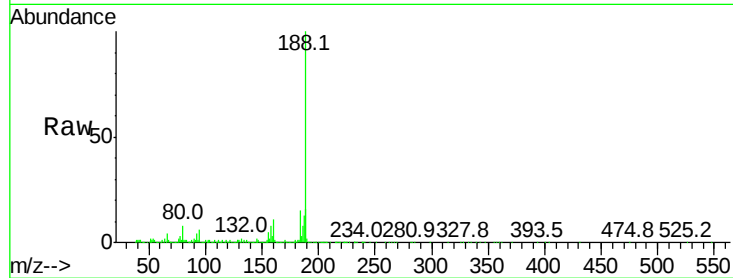
Tot Ion:188 Resp: 894352

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

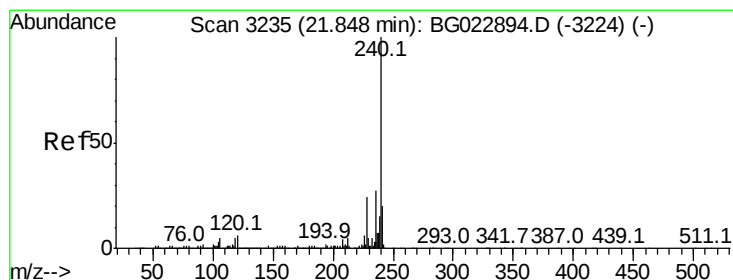
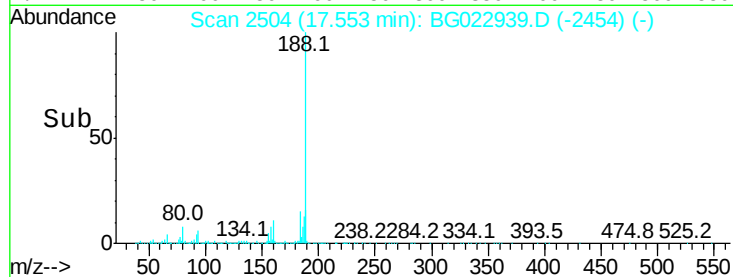
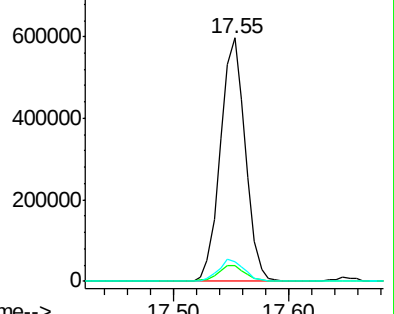
80 8.0 7.2 10.8



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# 3235

Delta R.T. 0.00 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

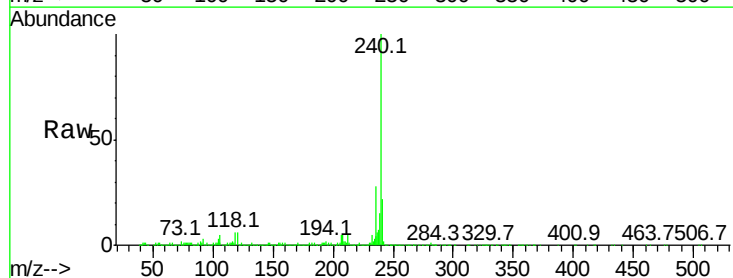
Tgt Ion:240 Resp: 1002694

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

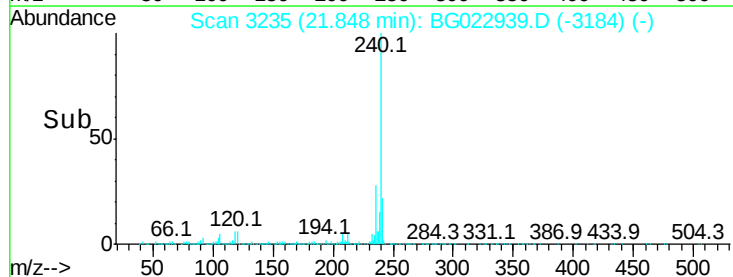
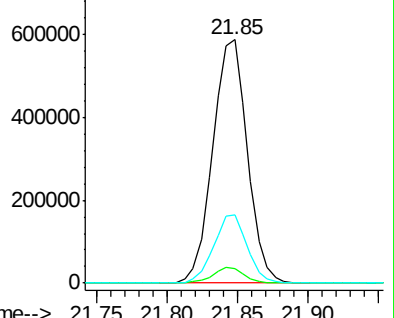
236 28.3 21.1 31.7

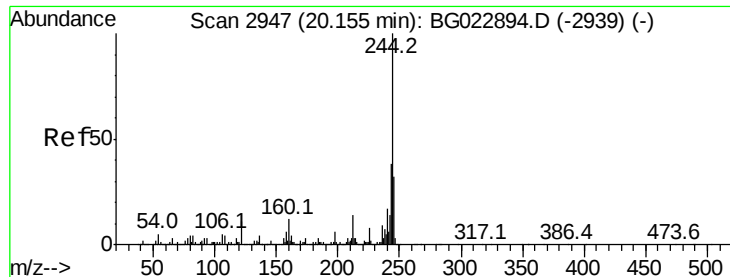


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.54 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

Instrument :

BNA_G

ClientSampled :

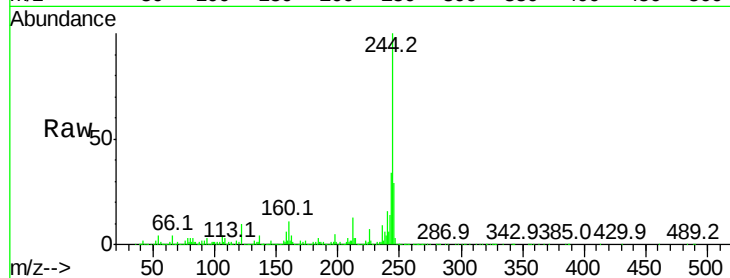
Tot Ion:244 Resp: 2755171

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	9.7	8.0	12.0

244 100

212 13.2 10.8 16.2

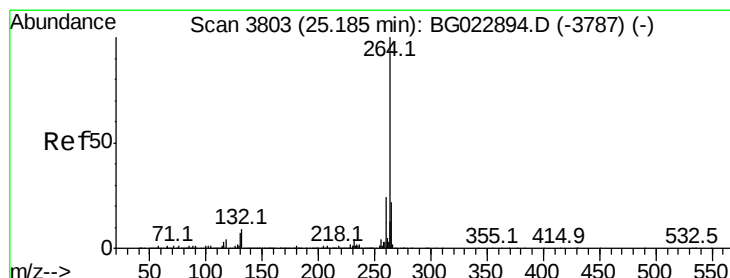
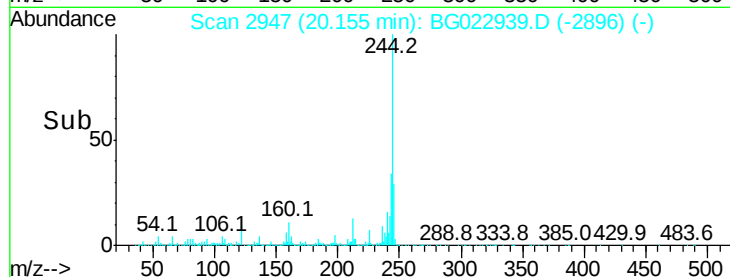
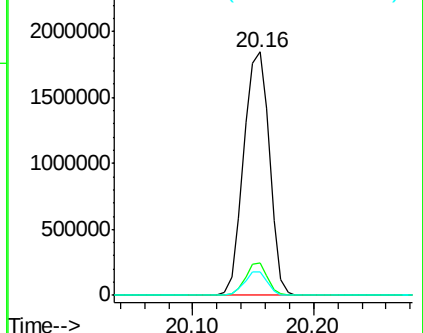
122 9.7 8.0 12.0



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# 3807

Delta R.T. 0.02 min

Lab File: BG022939.D

Acq: 8 Jul 2016 20:45

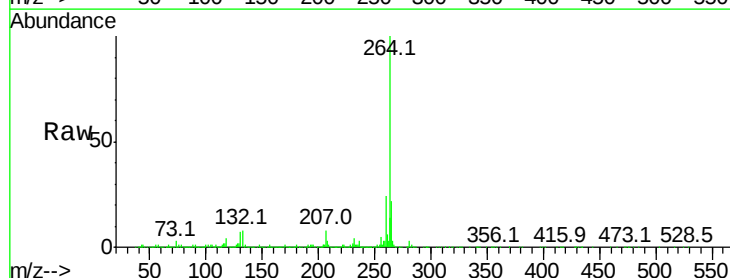
Tgt Ion:264 Resp: 1041780

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.4	18.9	28.3

264 100

260 24.2 18.4 27.6

265 22.4 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

