

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023090.D
 Acq On : 14 Jul 2016 5:53
 Operator : UM/SJ
 Sample : H4005-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071116-P41-E-U-M

Quant Time: Jul 14 06:47:45 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	101994	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	480597	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	384964	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	924748	20.00	ng	0.00
75) Chrysene-d12	21.86	240	996736	20.00	ng	0.01
86) Perylene-d12	25.24	264	994256	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	261296	41.90	ng	0.00
7) Phenol-d6	7.31	99	291190	29.81	ng	0.00
23) Nitrobenzene-d5	9.33	82	923386	82.27	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	460911	66.62	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1863385	76.24	ng	0.00
78) Terphenyl-d14	20.16	244	2707166	86.87	ng	0.00

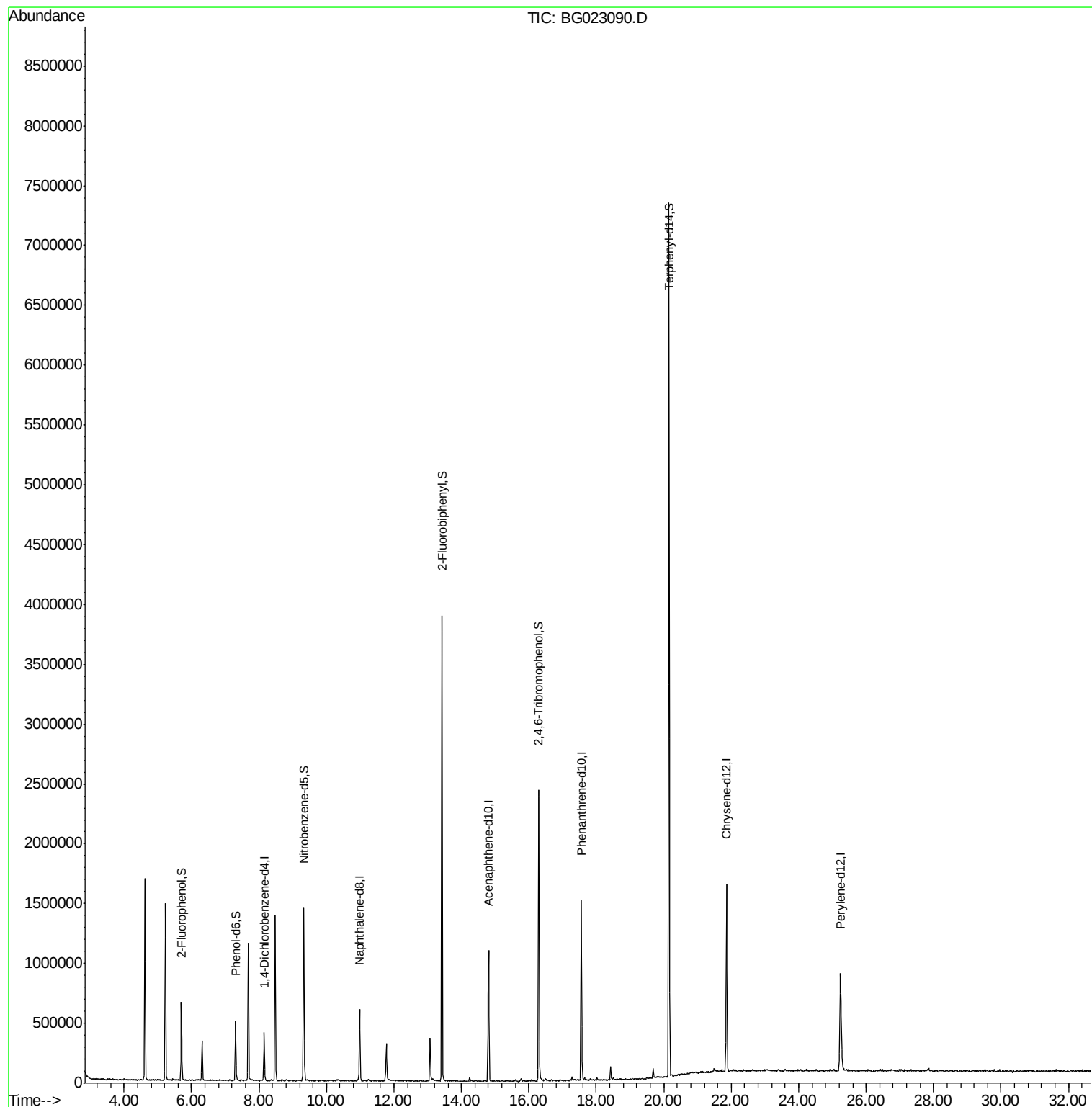
Target Compounds Qvalue

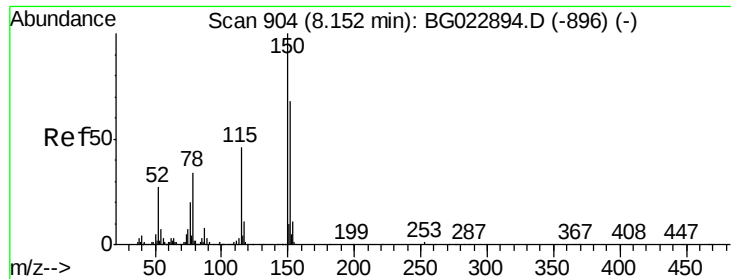
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-U-M

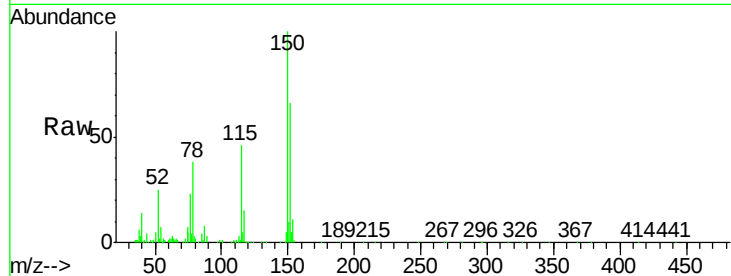
Tot Ion:152 Resp: 101994

Ion Ratio Lower Upper

152 100

150 151.5 144.7 217.1

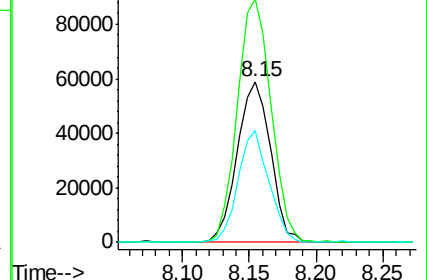
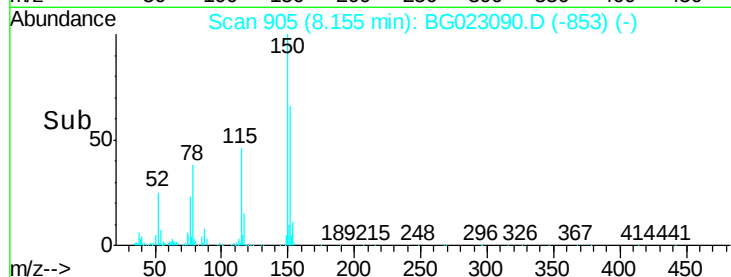
115 69.4 64.0 96.0



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: 41.90 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

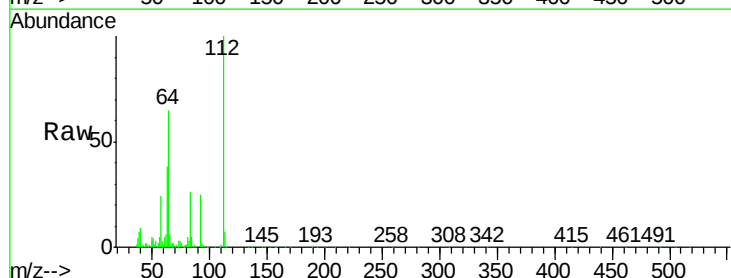
Tgt Ion:112 Resp: 261296

Ion Ratio Lower Upper

112 100

64 65.4 59.0 88.4

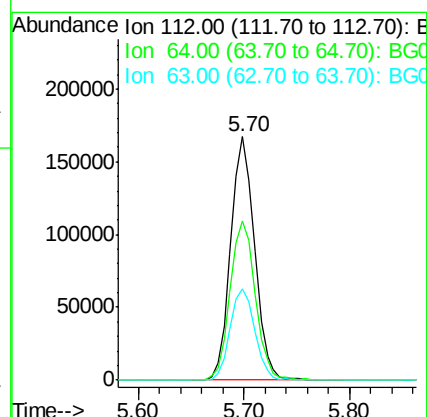
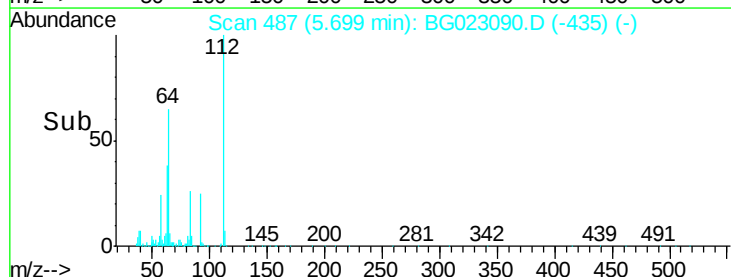
63 37.7 37.8 56.8#

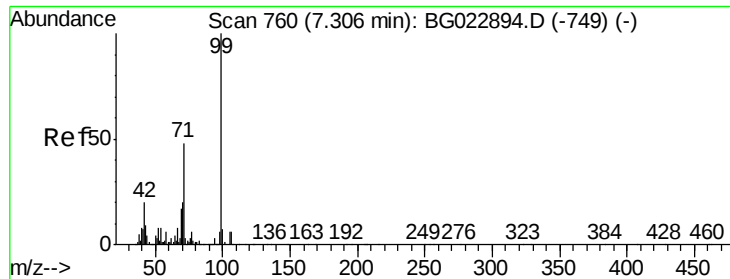


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.81 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-U-M

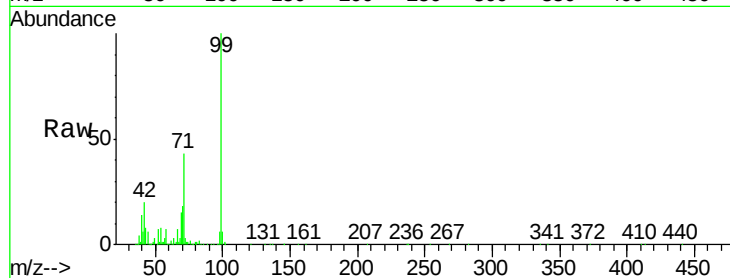
Tot Ion: 99 Resp: 291190

Ion Ratio Lower Upper

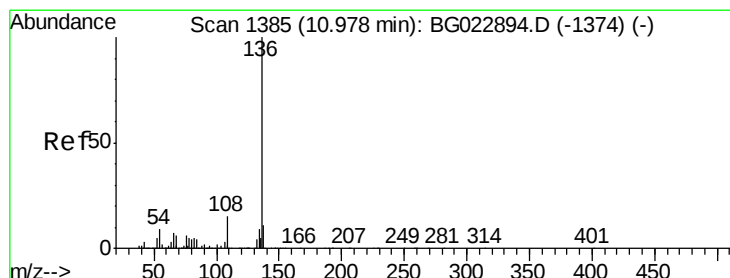
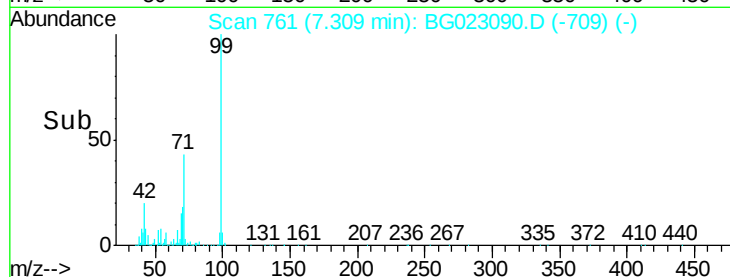
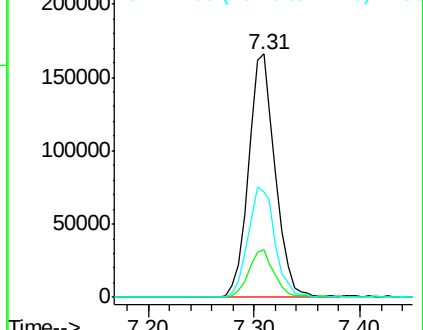
99 100

42 19.7 17.8 26.6

71 43.2 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: 10.99 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

Tgt Ion: 136 Resp: 480597

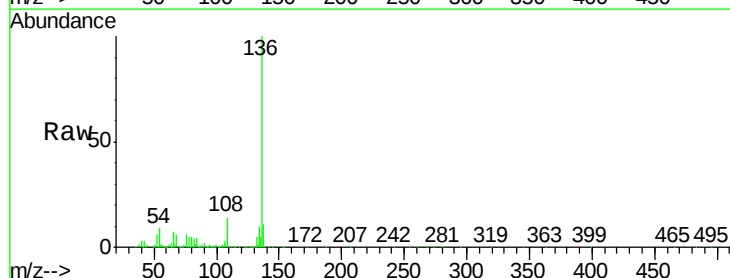
Ion Ratio Lower Upper

136 100

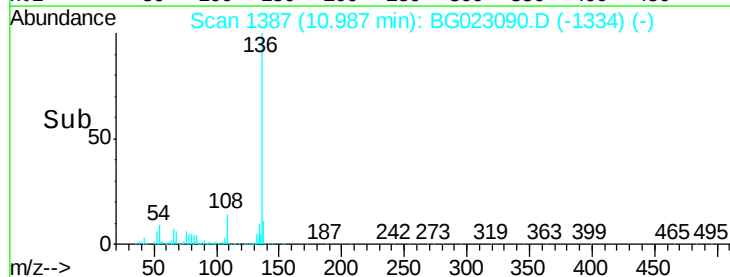
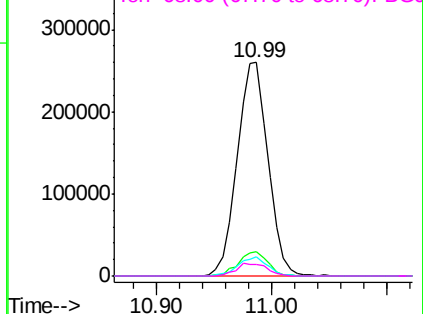
137 11.3 9.6 14.4

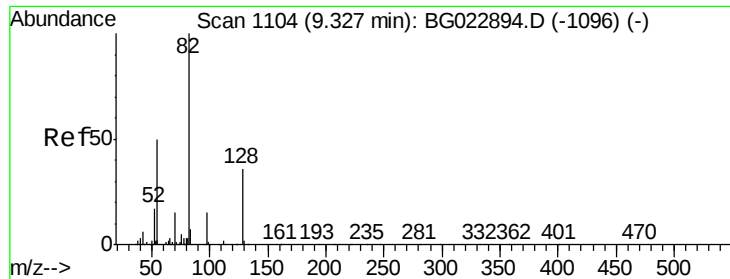
54 9.3 7.3 10.9

68 5.7 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

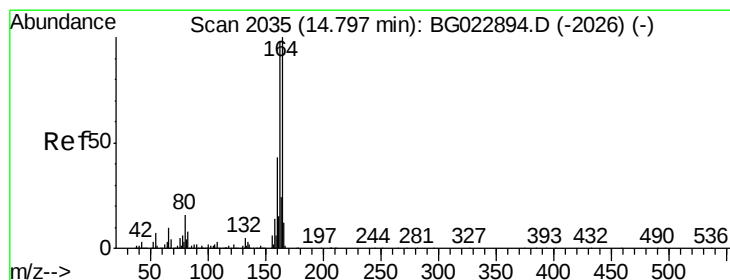
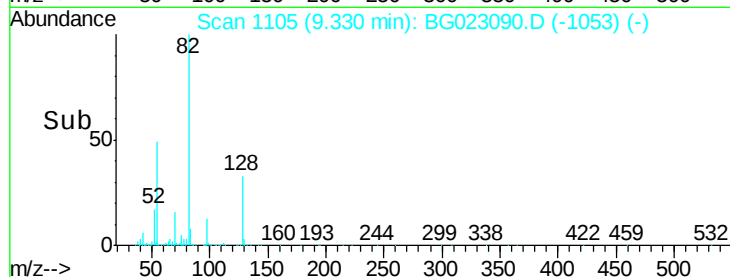
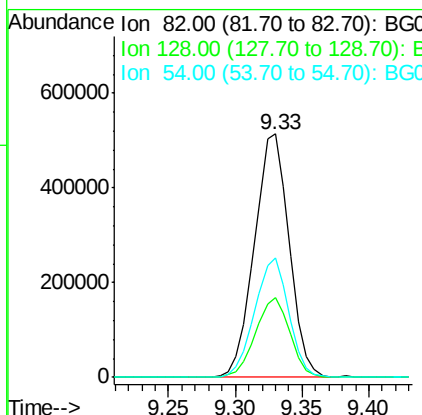
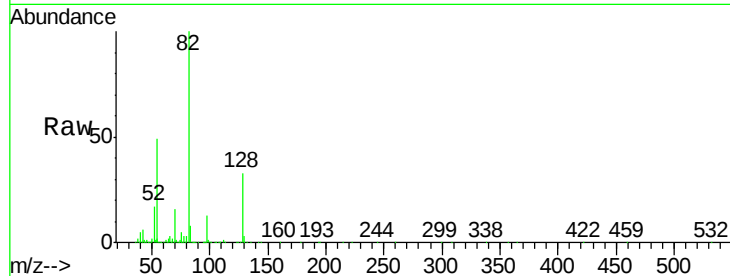




#23
Nitrobenzene-d5
Concen: 82.27 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023090.D
Acq: 14 Jul 2016 5:53

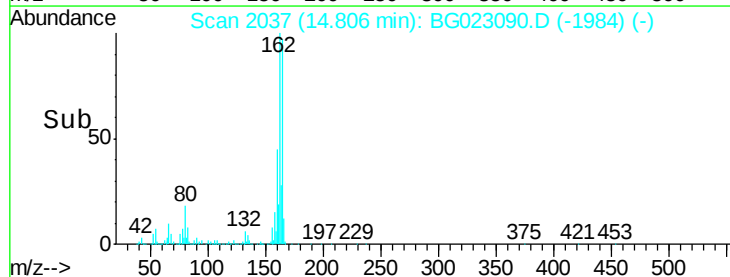
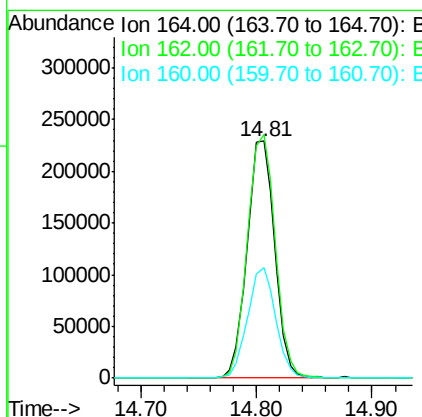
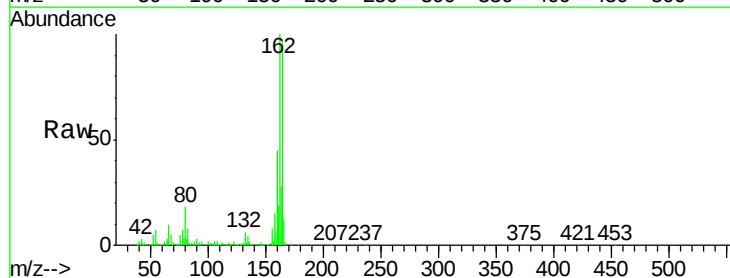
Instrument :
BNA_G
ClientSampleId :
071116-P41-E-U-M

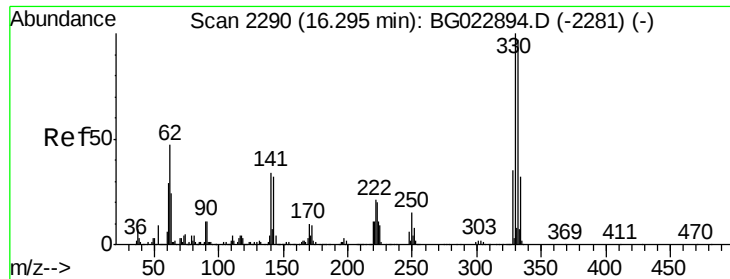
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	49.0	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023090.D
Acq: 14 Jul 2016 5:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.7	131.5
160	46.5	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 66.62 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

Instrument :

BNA_G

ClientSampleId :

071116-P41-E-U-M

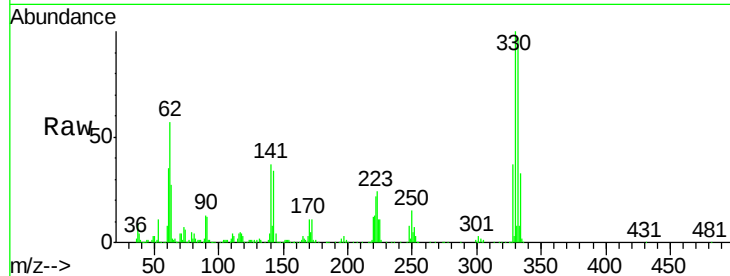
Tot Ion:330 Resp: 460911

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

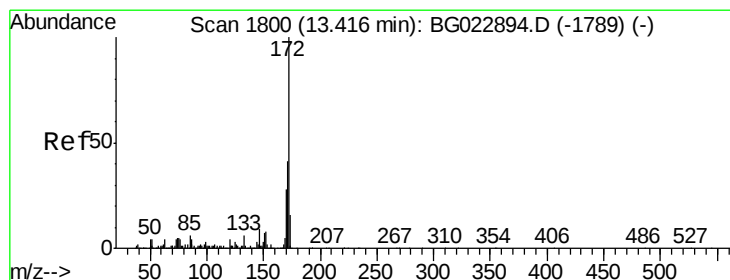
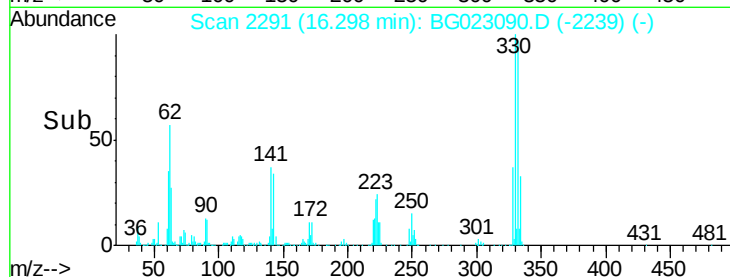
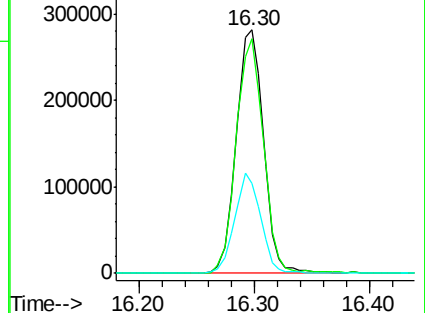
141 39.2 31.7 47.5



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: 76.24 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

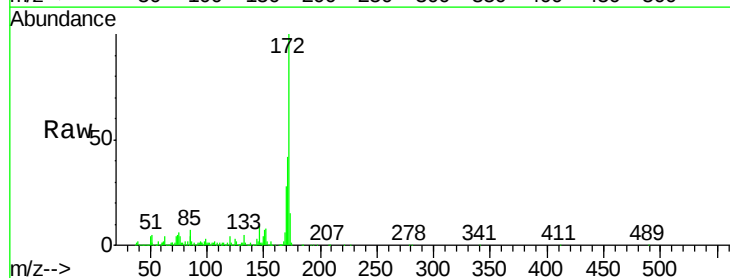
Tgt Ion:172 Resp: 1863385

Ion Ratio Lower Upper

172 100

171 41.7 31.6 47.4

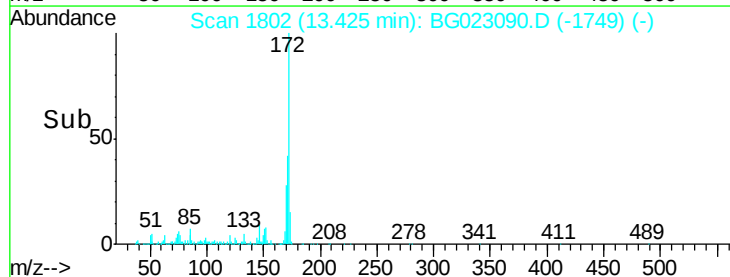
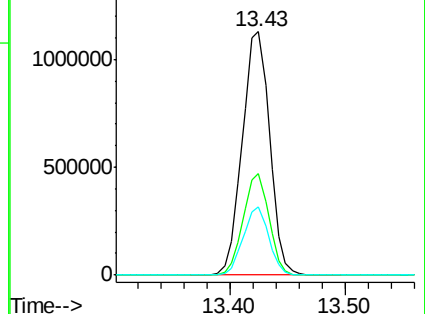
170 27.8 21.3 31.9

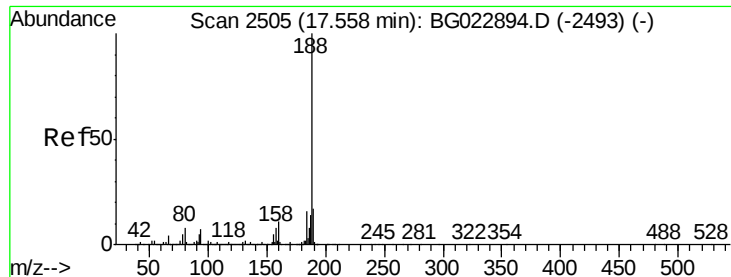


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG023090.D

Acq: 14 Jul 2016 5:53

Instrument :

BNA_G

ClientSampleId :

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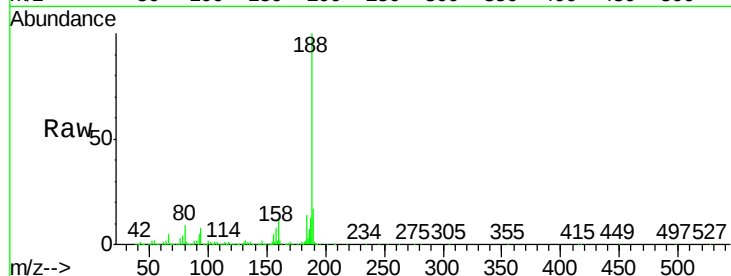
Tot Ion:188 Resp: 924748

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

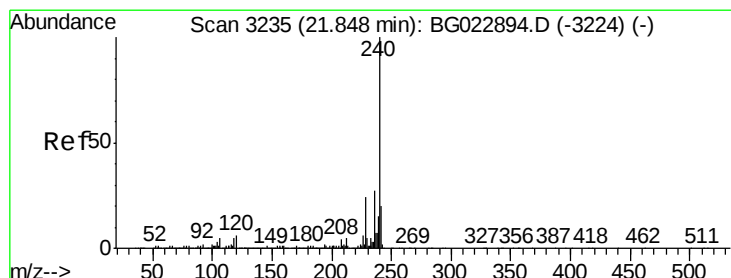
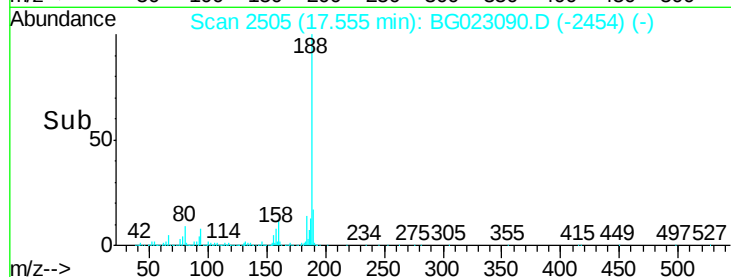
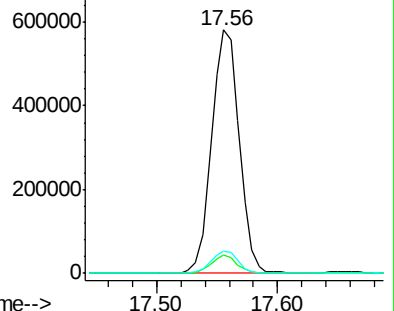
80 9.3 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

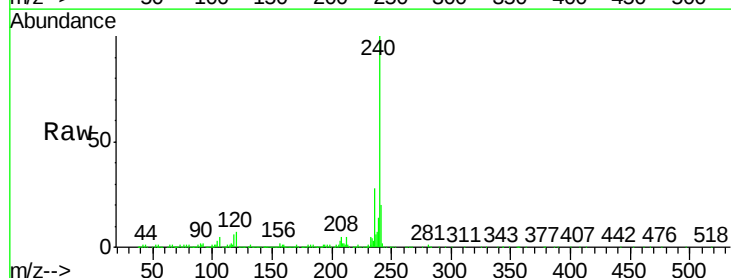
Tgt Ion:240 Resp: 996736

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

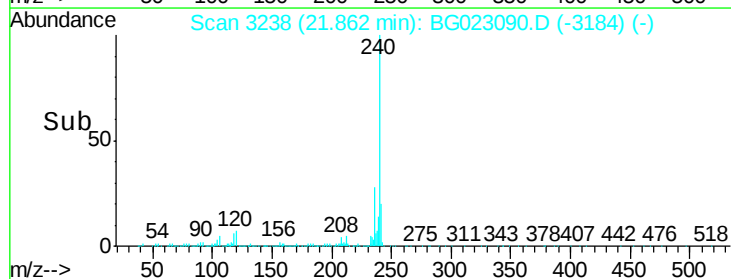
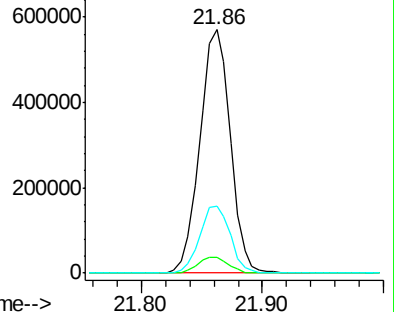
236 27.8 21.1 31.7

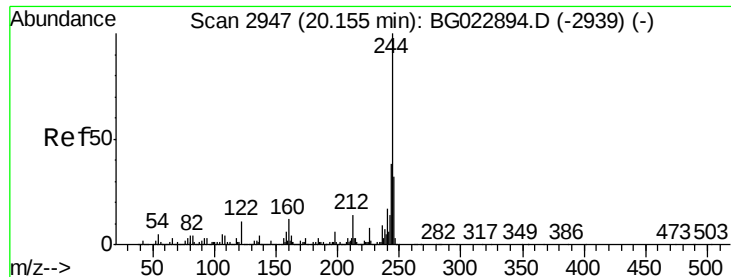


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.87 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

Instrument :

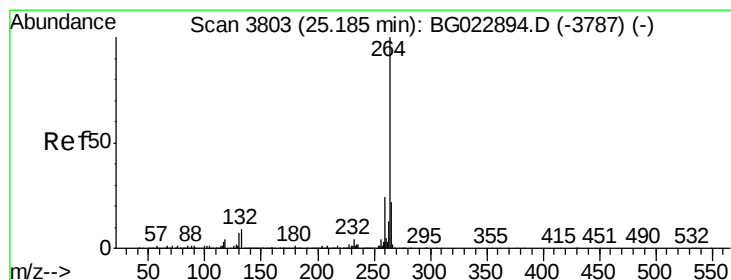
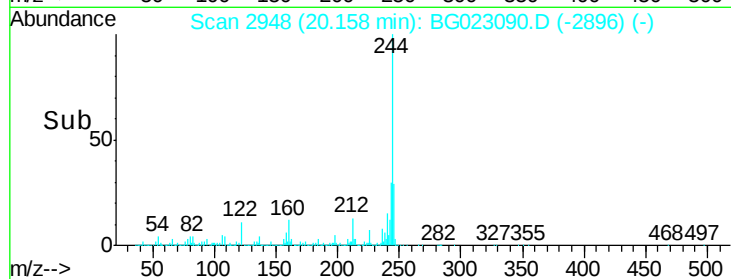
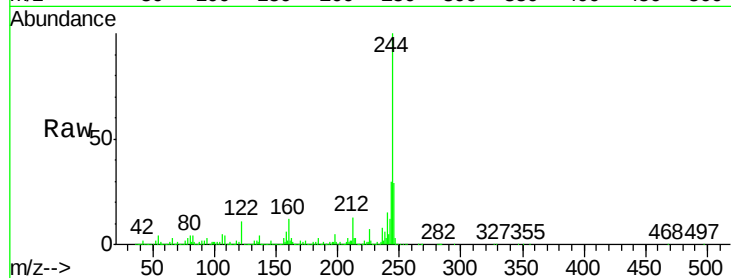
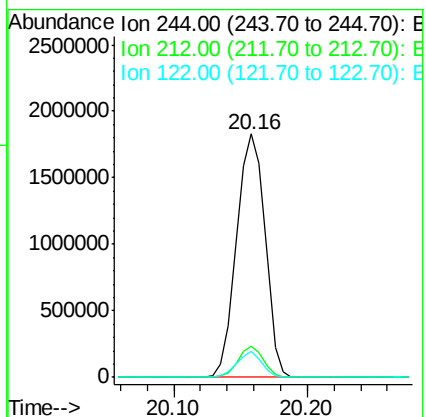
BNA_G

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Tot Ion:244 Resp: 2707166

Ion	Ratio	Lower	Upper
244	100		
212	12.8	10.8	16.2
122	10.7	8.0	12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023090.D

Acq: 14 Jul 2016 5:53

Tgt Ion:264 Resp: 994256

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	22.2	18.9	28.3

