

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG021014.D
 Acq On : 20 Feb 2016 18:31
 Operator : SJ/UM
 Sample : H1453-24 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-4

Quant Time: Feb 22 00:27:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	28311	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	136182	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	70977	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	130204	20.00	ng	0.00
75) Chrysene-d12	21.89	240	123225	20.00	ng	-0.02
86) Perylene-d12	25.26	264	122490	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	15263	9.08	ng	0.00
7) Phenol-d6	7.40	99	15750	6.41	ng	0.00
23) Nitrobenzene-d5	9.43	82	19999	9.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	9952	14.26	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	52770	10.44	ng	-0.01
78) Terphenyl-d14	20.19	244	46919	8.88	ng	-0.02

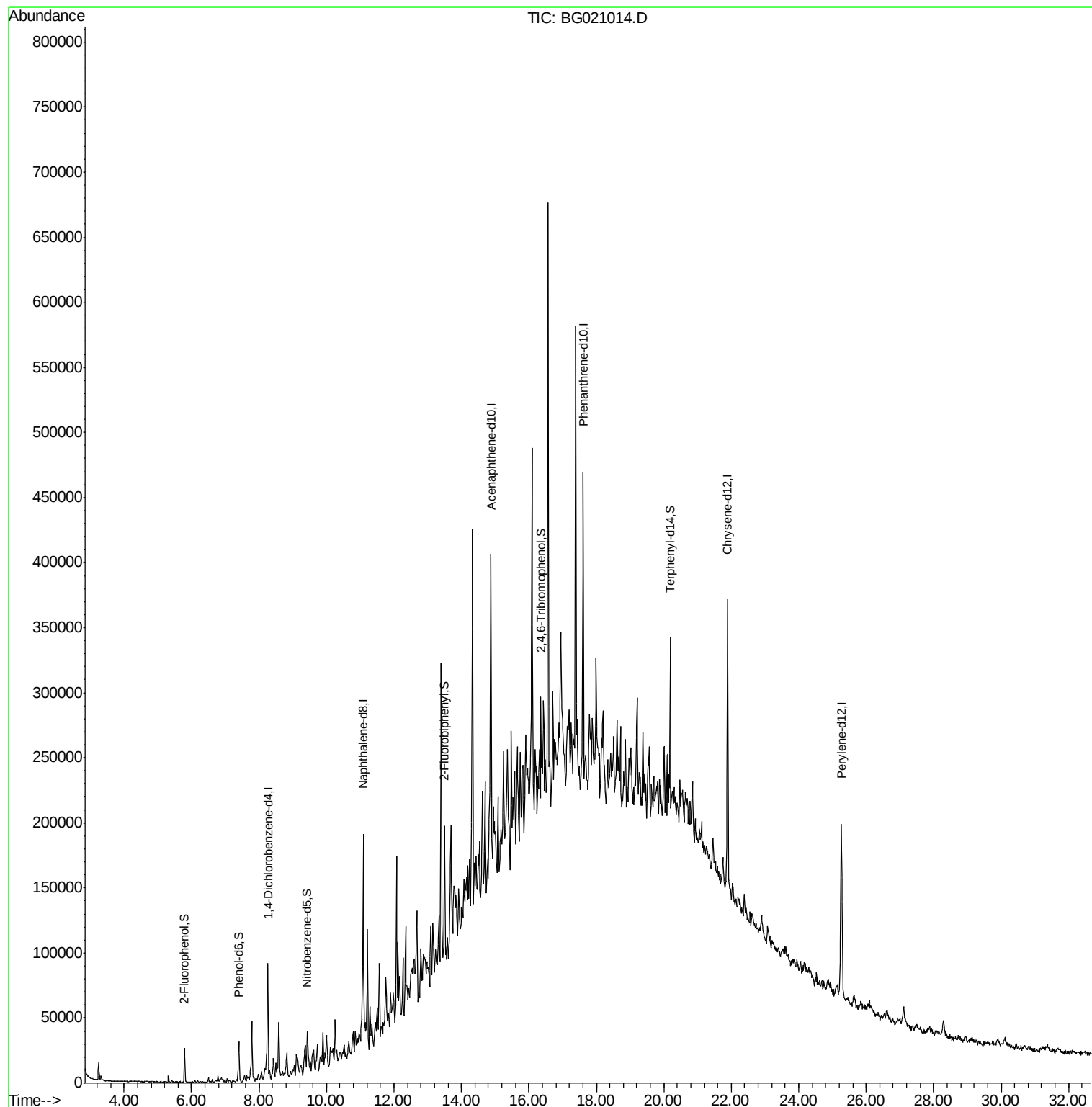
Target Compounds Qvalue

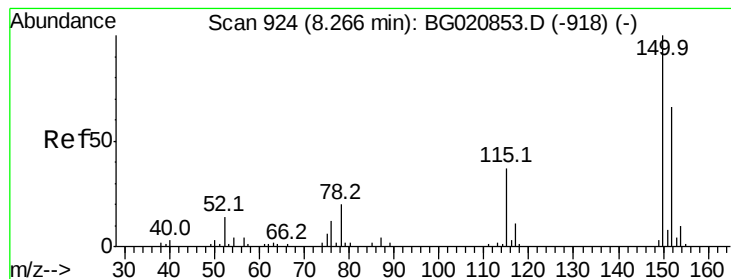
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

Instrument :

BNA_G

ClientSampleId :

EGR-B-4

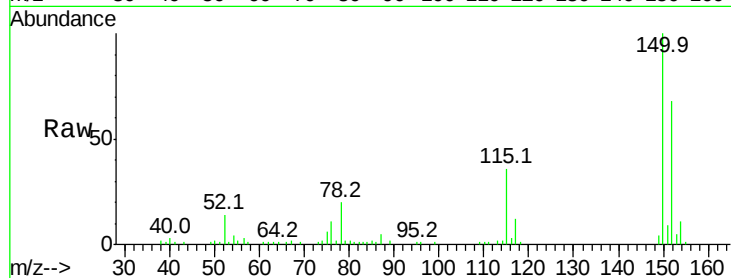
Tot Ion:152 Resp: 28311

Ion Ratio Lower Upper

152 100

150 146.9 122.0 183.0

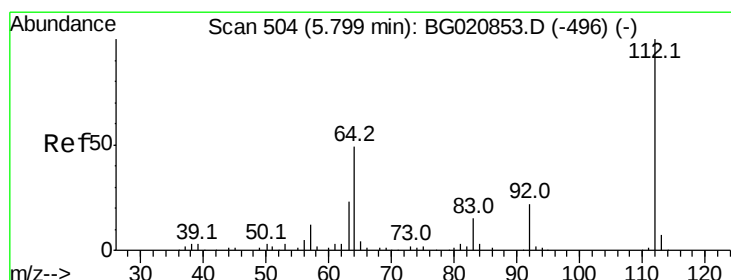
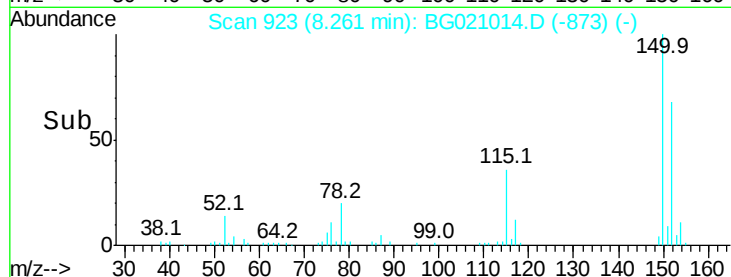
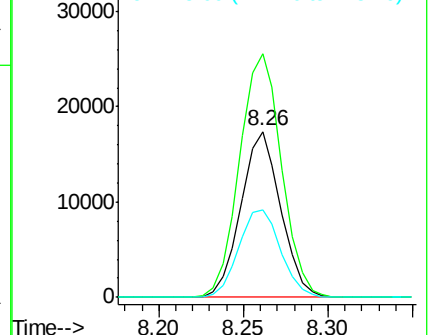
115 52.5 45.2 67.8



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: 9.08 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

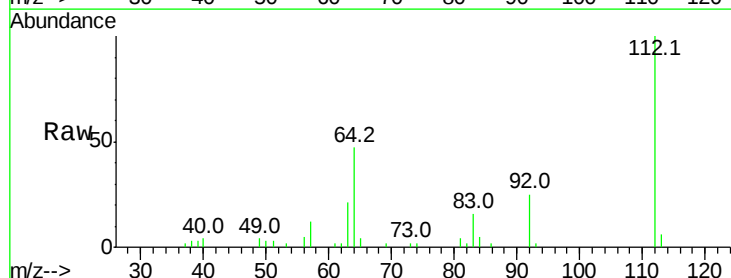
Tgt Ion:112 Resp: 15263

Ion Ratio Lower Upper

112 100

64 46.5 39.3 58.9

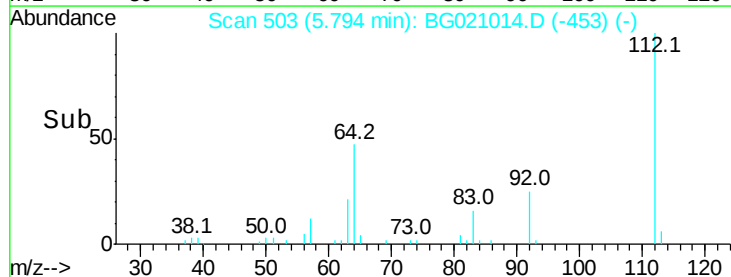
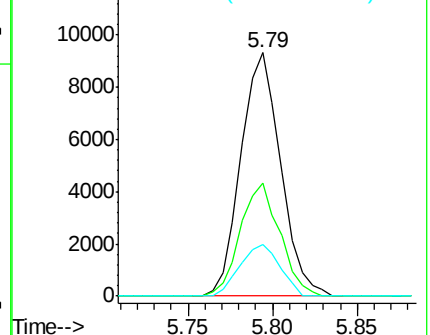
63 21.4 18.2 27.4

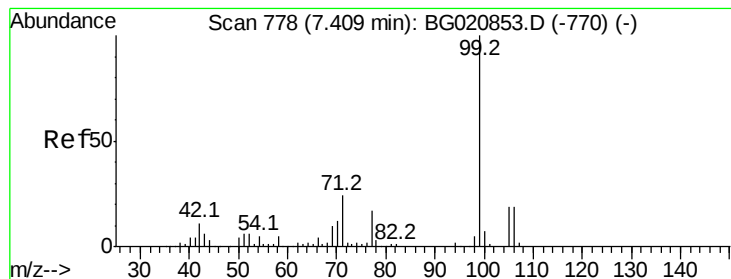


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 6.41 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

Instrument :

BNA_G

ClientSampleId :

EGR-B-4

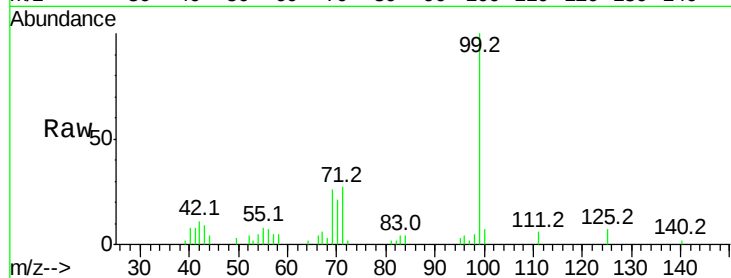
Tot Ion: 99 Resp: 15750

Ion Ratio Lower Upper

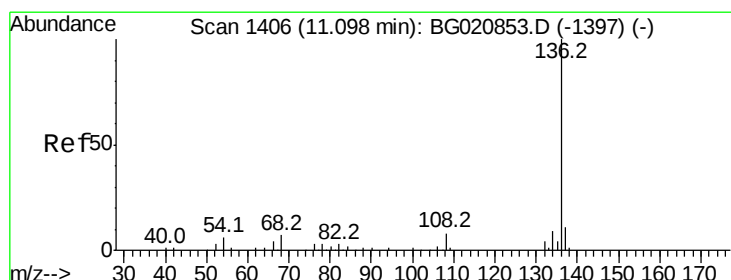
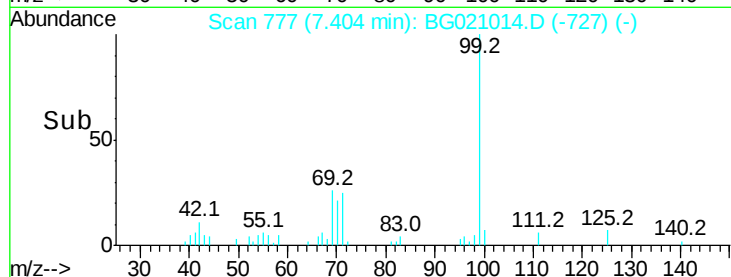
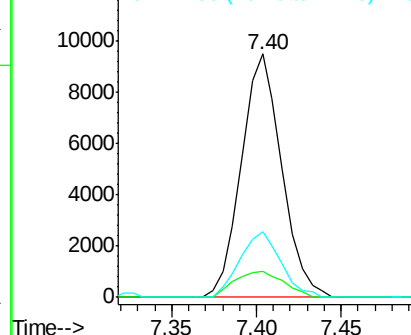
99 100

42 10.6 8.4 12.6

71 26.9 19.4 29.0



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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

Tgt Ion: 136 Resp: 136182

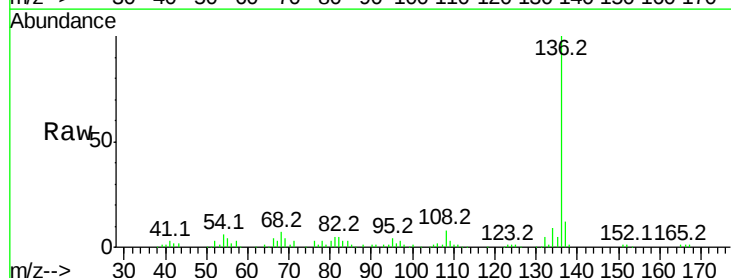
Ion Ratio Lower Upper

136 100

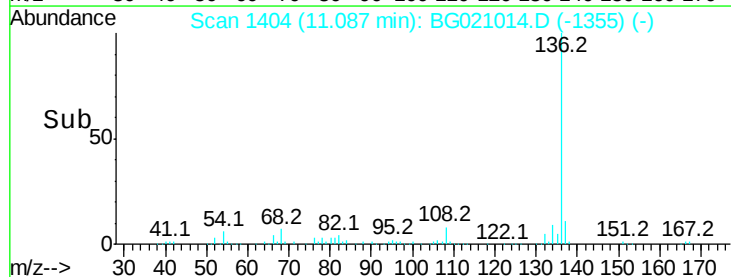
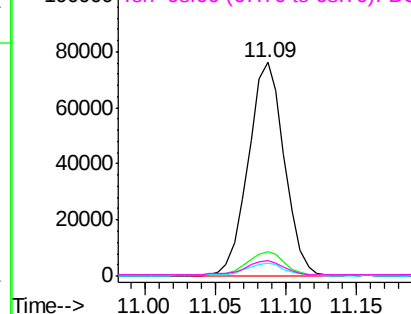
137 11.6 8.8 13.2

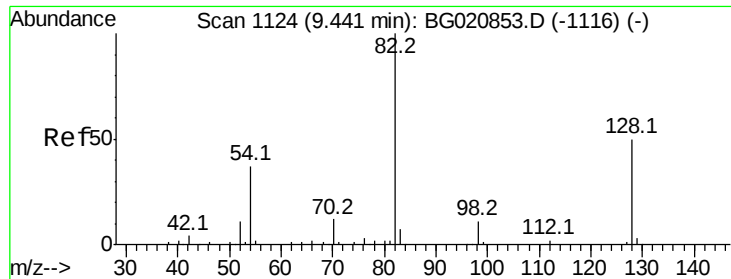
54 6.2 5.0 7.4

68 7.1 5.2 7.8



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

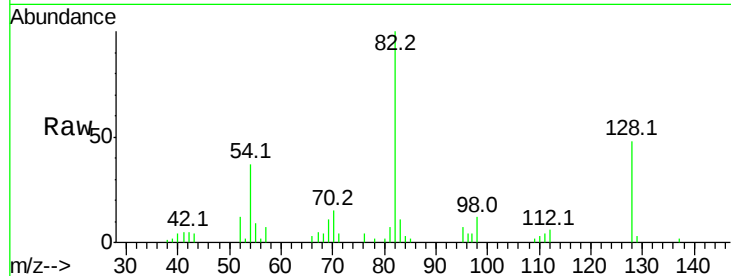




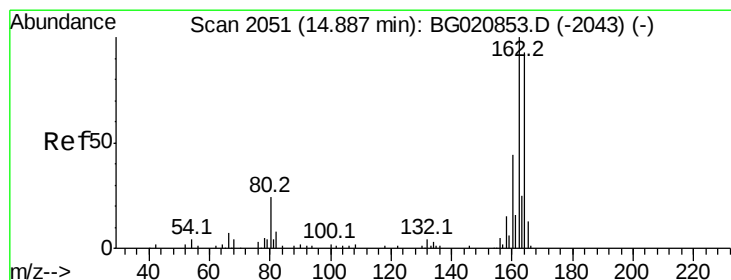
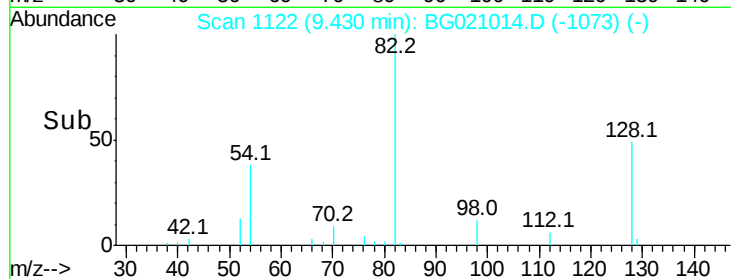
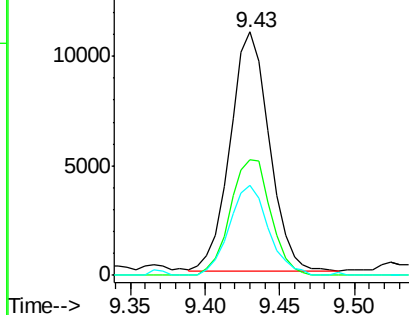
#23
 Nitrobenzene-d5
 Concen: 9.66 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG021014.D
 Acq: 20 Feb 2016 18:31

Instrument :
 BNA_G
 ClientSampled :
 EGR-B-4

Tot Ion	82	Resp	19999
Ion Ratio	Lower	Upper	
82	100		
128	47.6	40.1	60.1
54	36.7	29.5	44.3

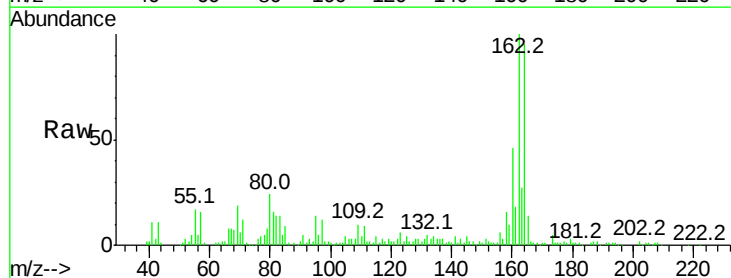


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

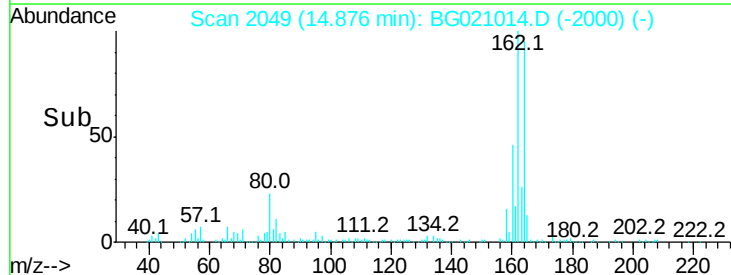
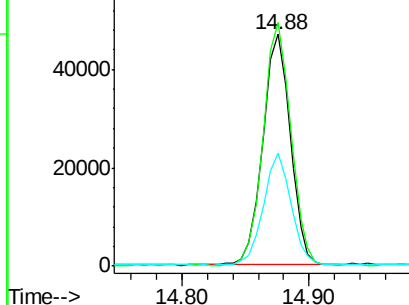


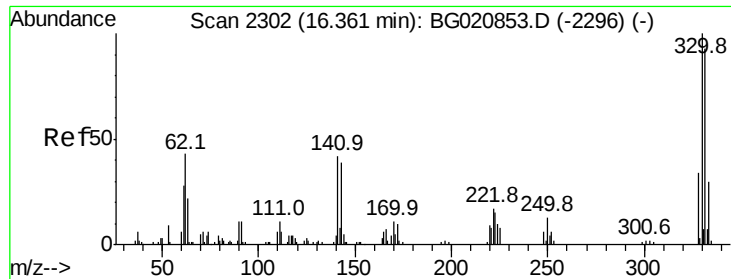
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG021014.D
 Acq: 20 Feb 2016 18:31

Tgt Ion	164	Resp	70977
Ion Ratio	Lower	Upper	
164	100		
162	104.9	85.7	128.5
160	48.6	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 14.26 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

Instrument :

BNA_G

ClientSampleId :

EGR-B-4

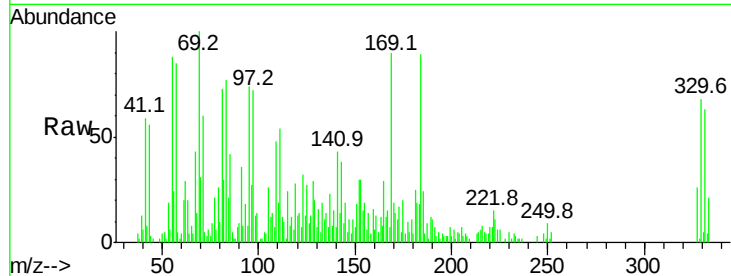
Tot Ion:330 Resp: 9952

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

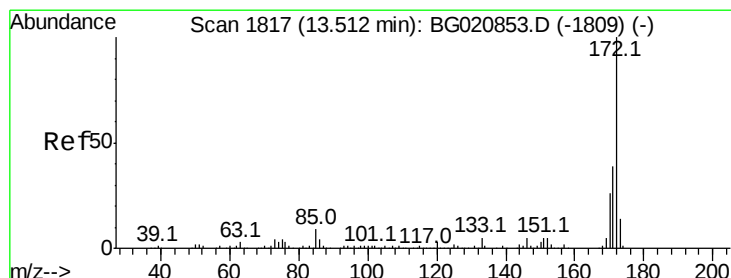
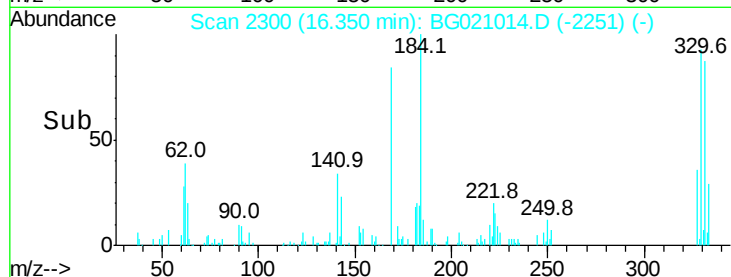
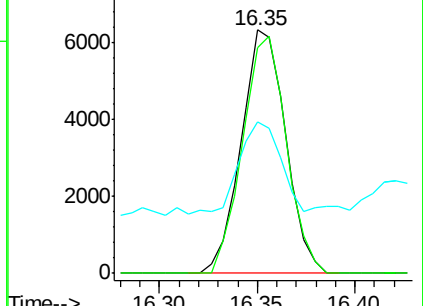
141 40.0 32.0 48.0



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: 10.44 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

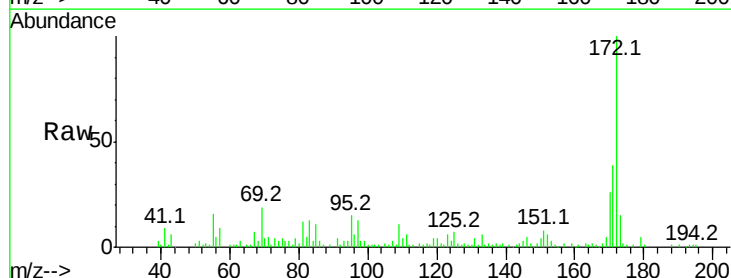
Tgt Ion:172 Resp: 52770

Ion Ratio Lower Upper

172 100

171 38.7 31.2 46.8

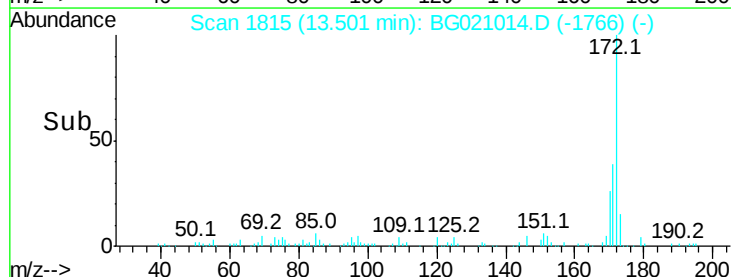
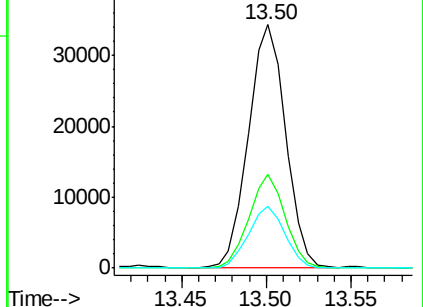
170 25.6 20.6 30.8

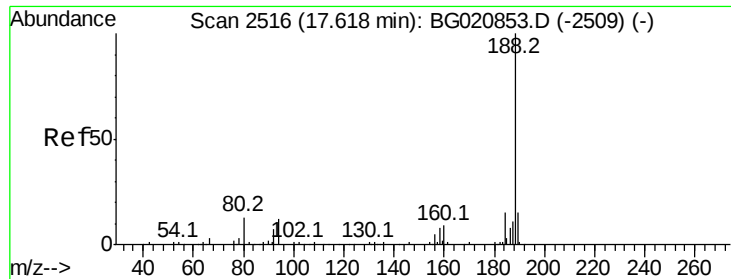


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.61 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

Instrument :

BNA_G

ClientSampled :

EGR-B-4

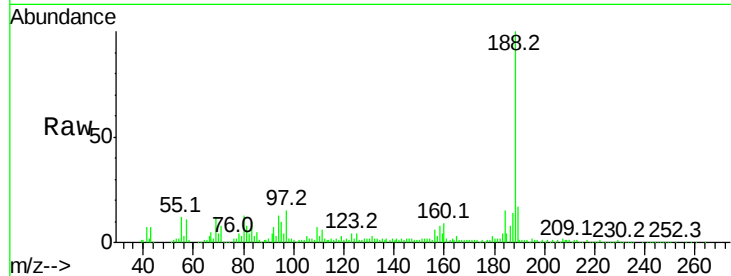
Tot Ion:188 Resp: 130204

Ion Ratio Lower Upper

188 100

94 12.9 9.4 14.0

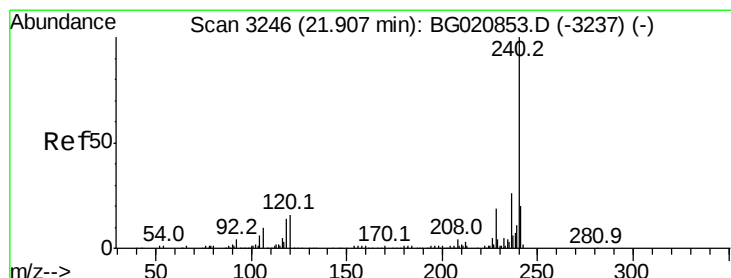
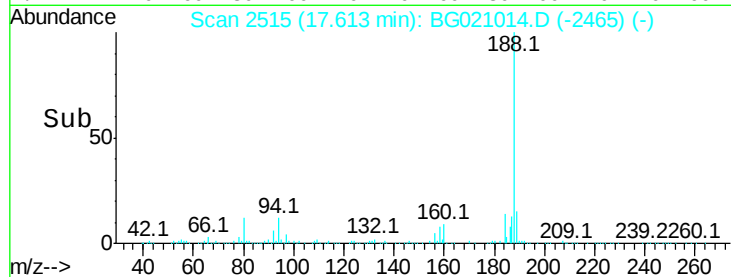
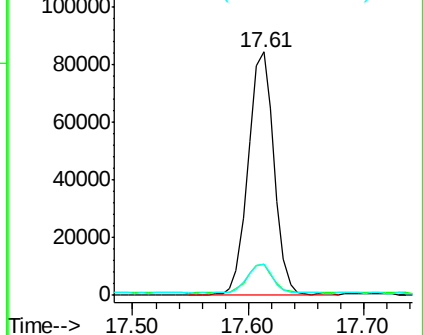
80 12.7 10.2 15.4



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: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

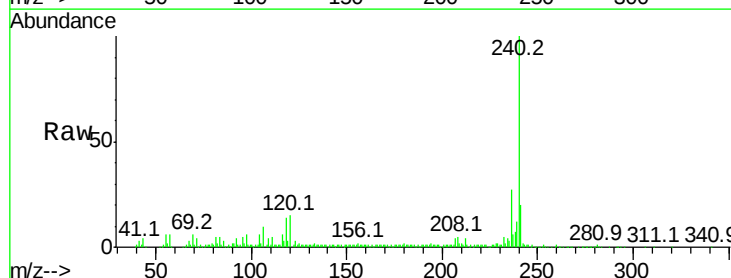
Tgt Ion:240 Resp: 123225

Ion Ratio Lower Upper

240 100

120 15.3 13.0 19.4

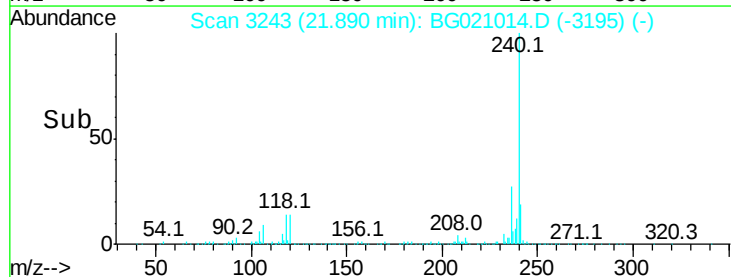
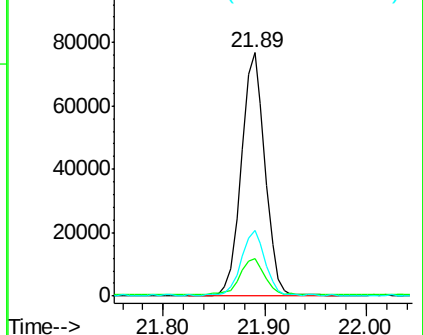
236 26.9 21.0 31.4

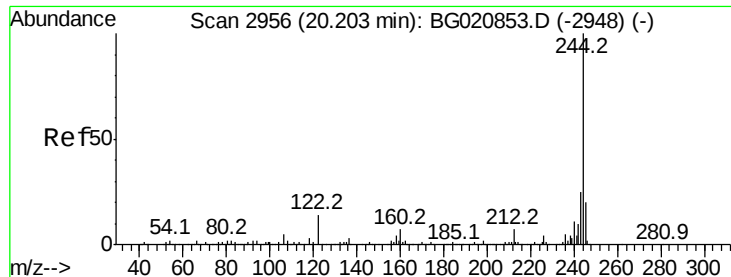


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.88 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

Instrument :

BNA_G

ClientSampleId :

EGR-B-4

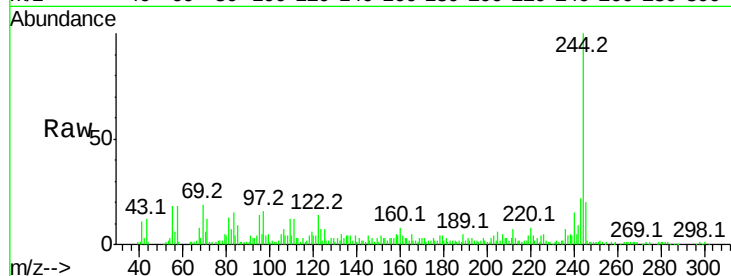
Tot Ion:244 Resp: 46919

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

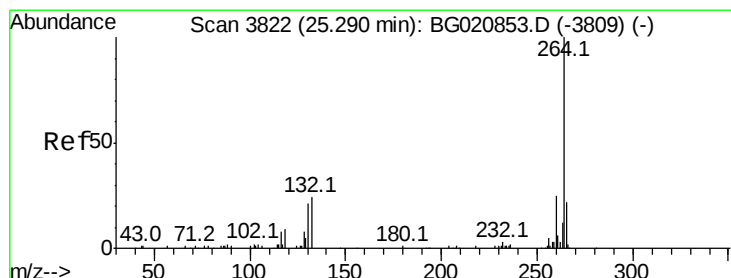
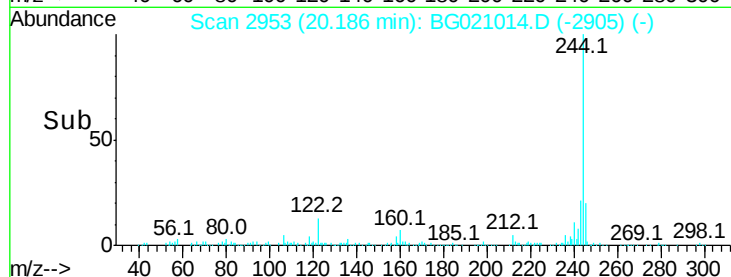
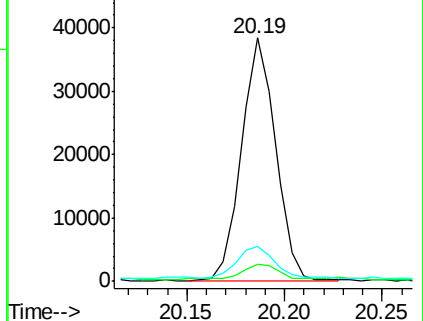
122 14.3 11.4 17.2



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: 25.26 min Scan# 3817

Delta R.T. -0.03 min

Lab File: BG021014.D

Acq: 20 Feb 2016 18:31

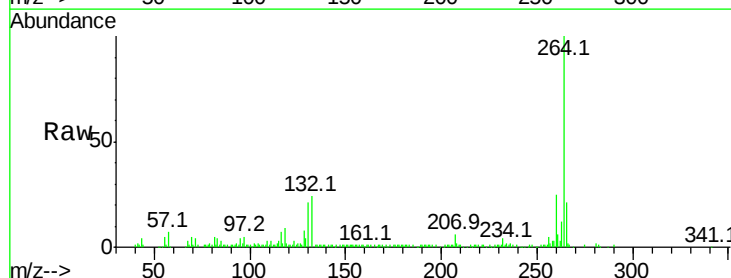
Tgt Ion:264 Resp: 122490

Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

265 21.5 18.0 27.0



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

