

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG021010.D
 Acq On : 20 Feb 2016 15:54
 Operator : SJ/UM
 Sample : H1453-15 40X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-3

Quant Time: Feb 22 00:13:23 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

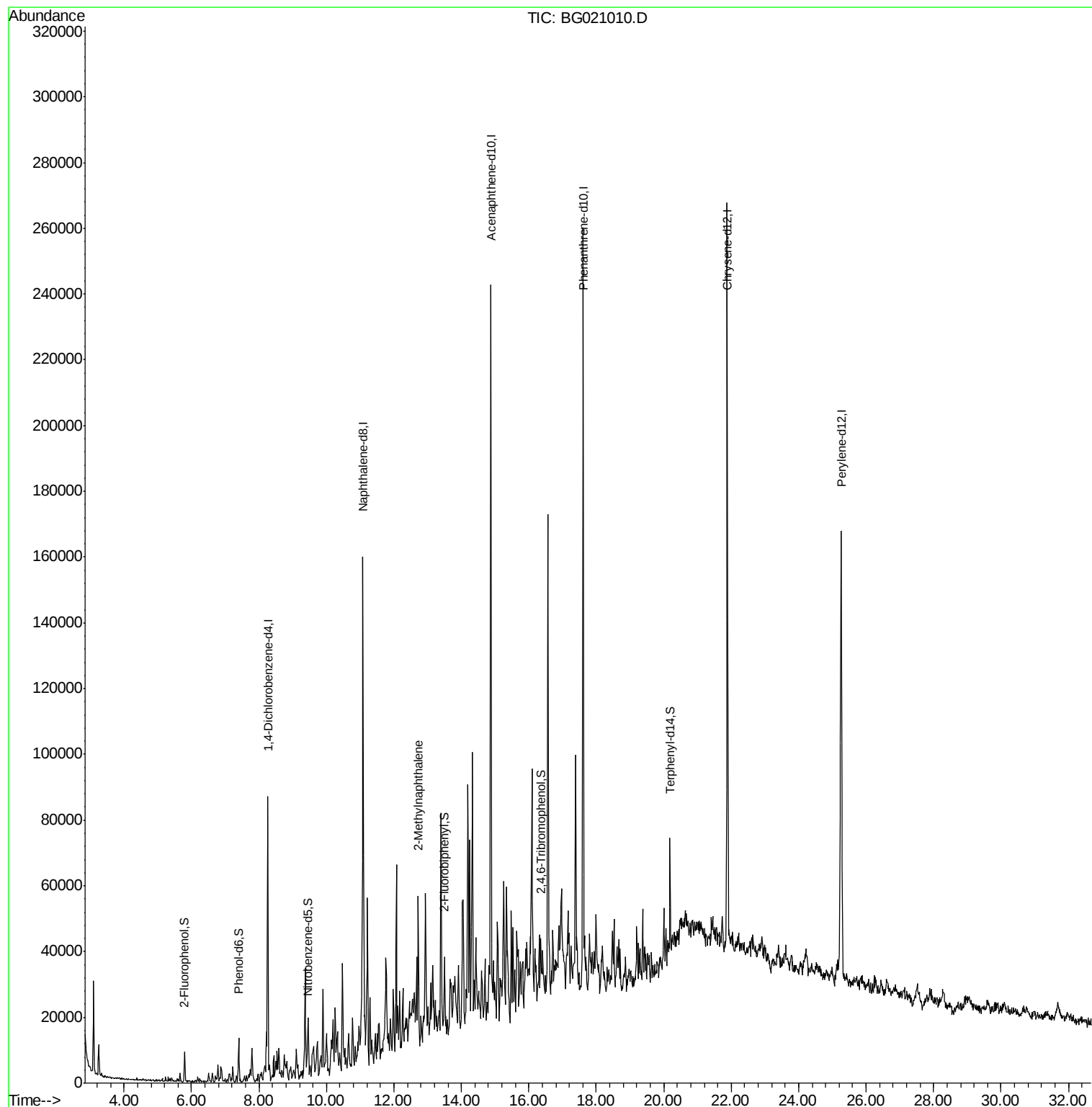
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	27588	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	140445	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	77087	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	140303	20.00	ng	0.00
75) Chrysene-d12	21.89	240	128870	20.00	ng	-0.02
86) Perylene-d12	25.26	264	125433	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	4882	2.98	ng	0.00
7) Phenol-d6	7.40	99	7208	3.01	ng	0.00
23) Nitrobenzene-d5	9.43	82	4882	2.29	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	1959	2.58	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	11895	2.17	ng	-0.01
78) Terphenyl-d14	20.18	244	11716	2.12	ng	-0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.72	142	24372	4.78	ng	99

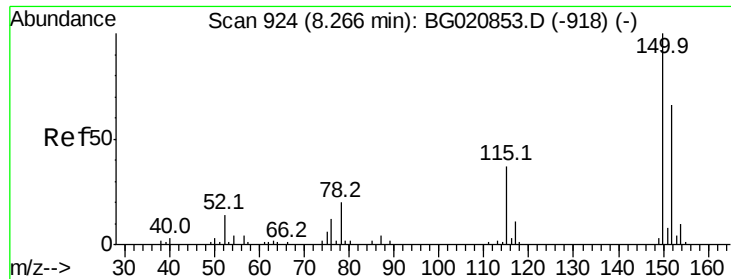
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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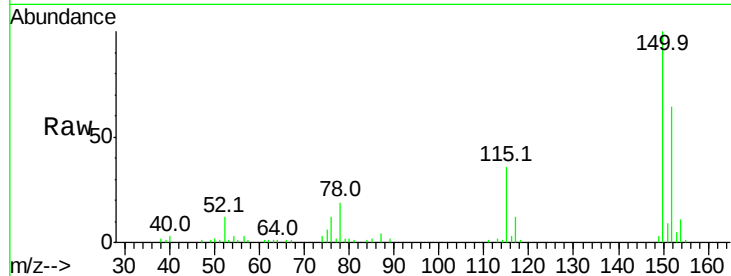


#1

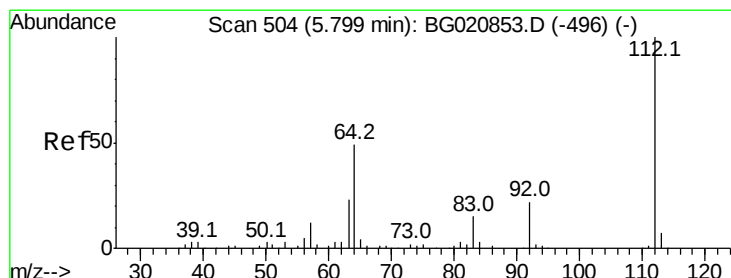
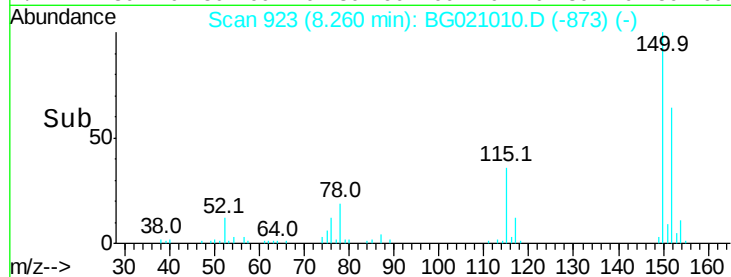
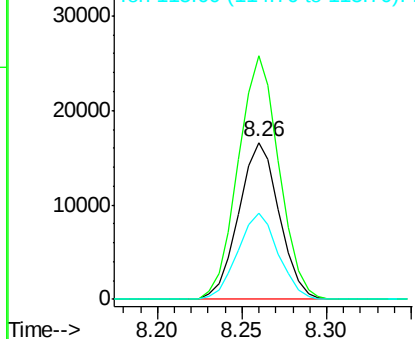
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tot Ion:152 Resp: 27588
Ion Ratio Lower Upper
152 100
150 155.3 122.0 183.0
115 55.3 45.2 67.8



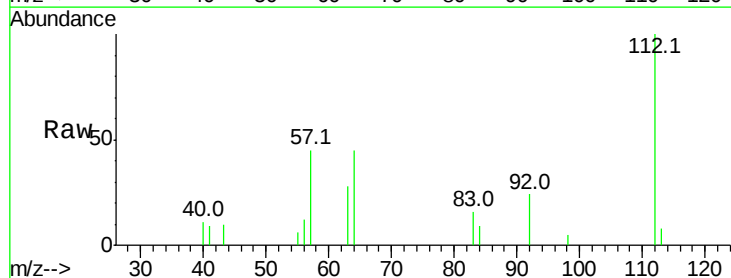
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



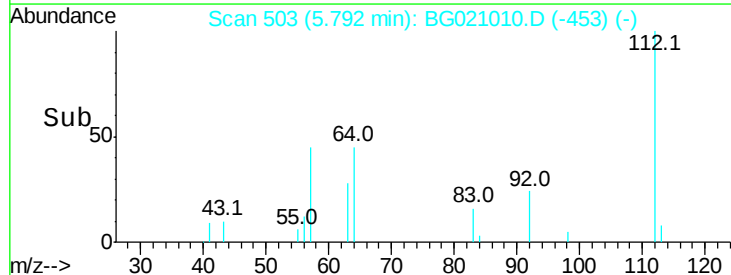
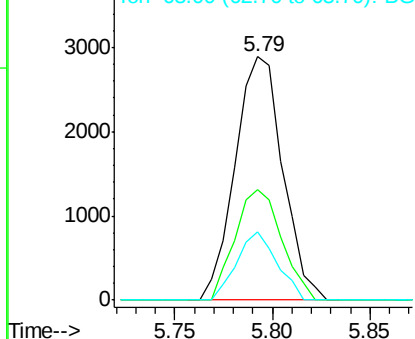
#5

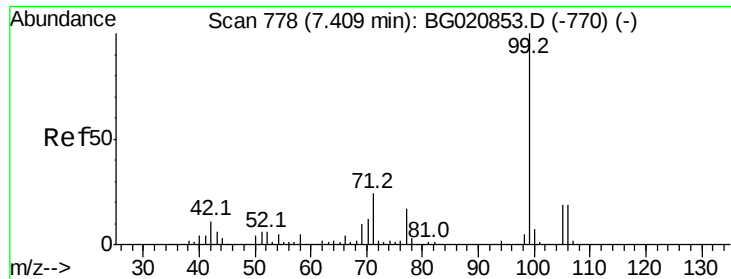
2-Fluorophenol
Concen: 2.98 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Tgt Ion:112 Resp: 4882
Ion Ratio Lower Upper
112 100
64 45.2 39.3 58.9
63 27.9 18.2 27.4#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 3.01 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

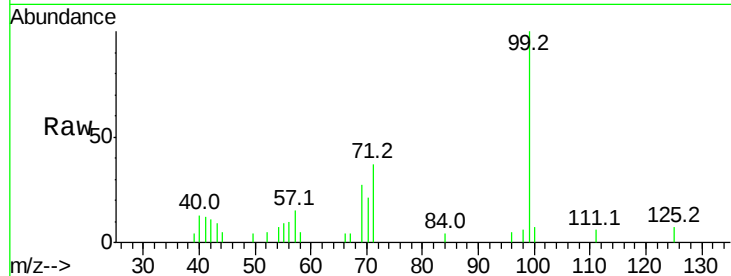
Tot Ion: 99 Resp: 7208

Ion Ratio Lower Upper

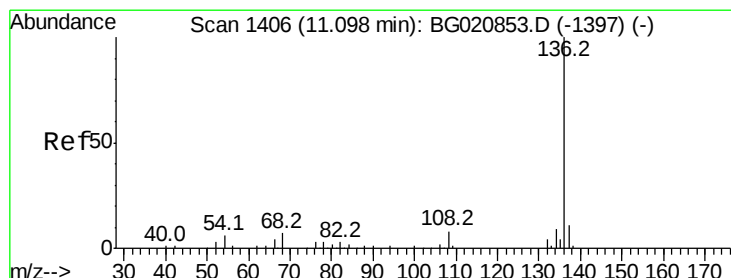
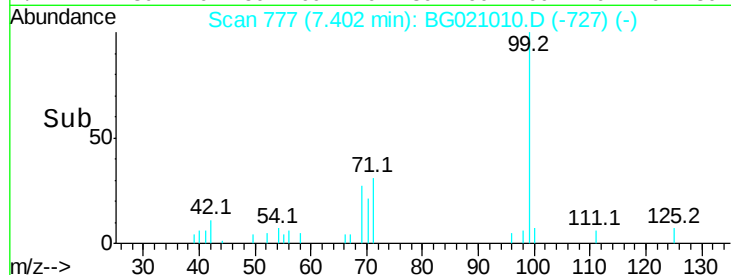
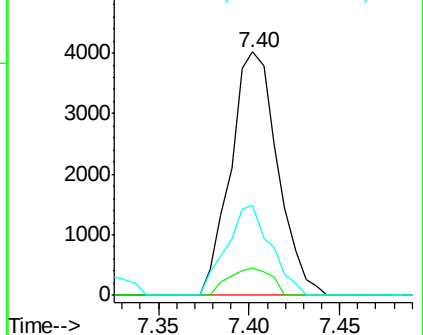
99 100

42 11.3 8.4 12.6

71 37.1 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: BG021010.D

Acq: 20 Feb 2016 15:54

Tgt Ion: 136 Resp: 140445

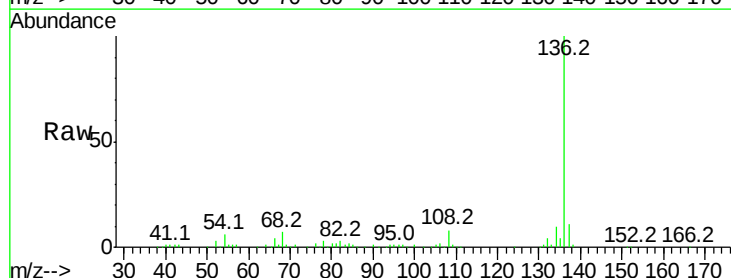
Ion Ratio Lower Upper

136 100

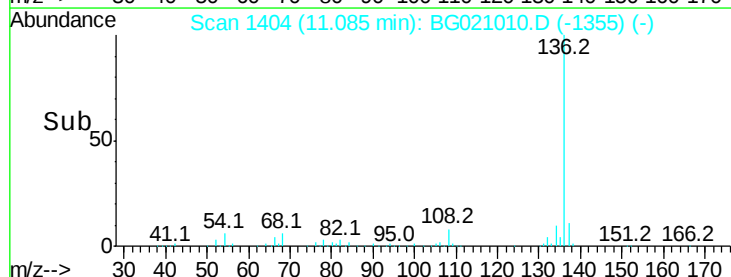
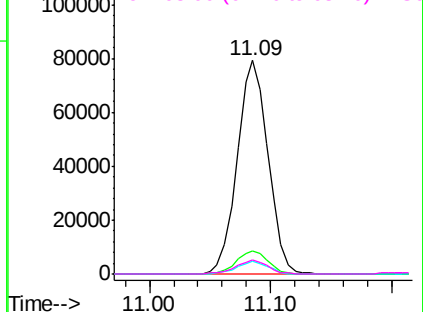
137 10.7 8.8 13.2

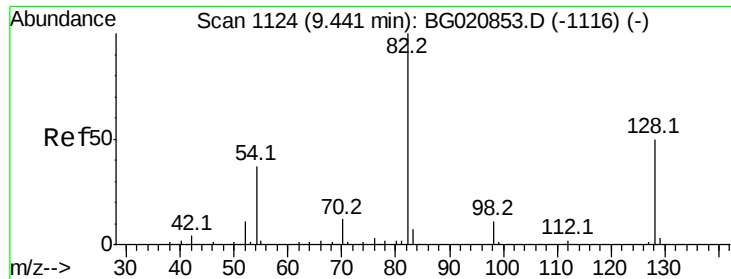
54 6.2 5.0 7.4

68 6.5 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

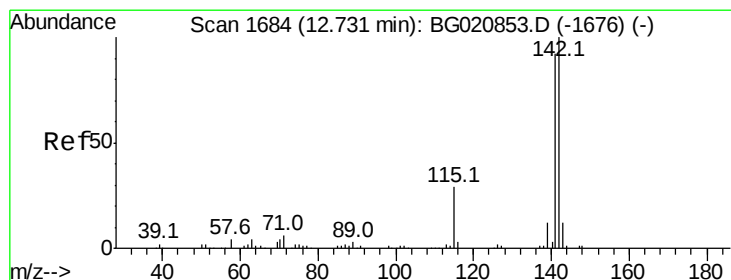
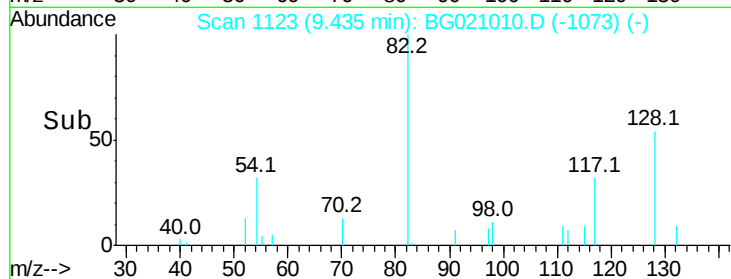
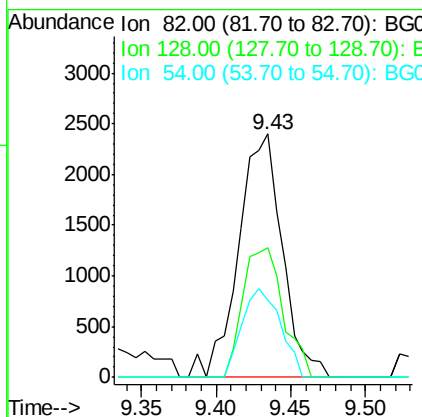
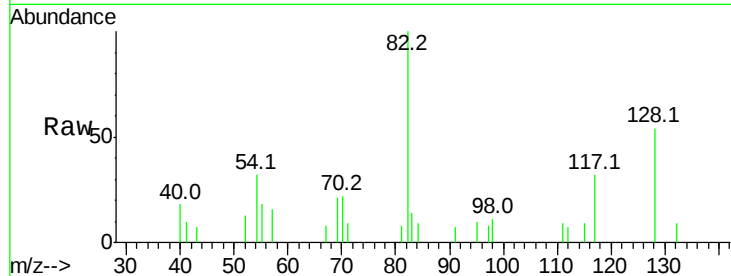




#23
 Nitrobenzene-d5
 Concen: 2.29 ng
 RT: 9.43 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG021010.D
 Acq: 20 Feb 2016 15:54

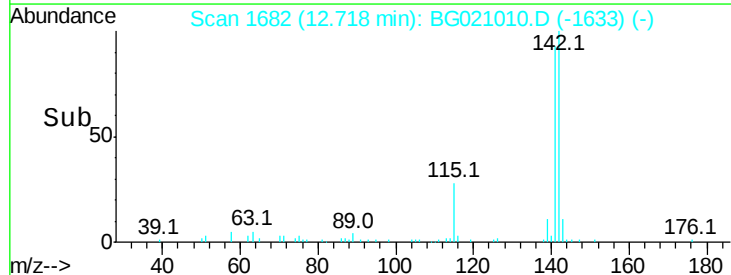
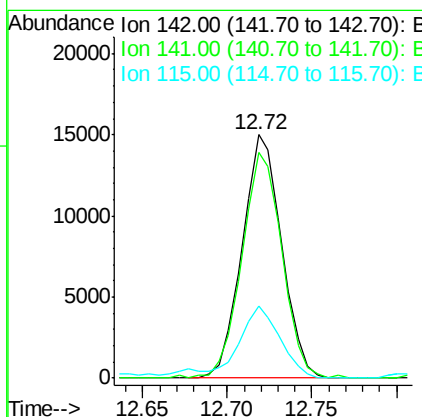
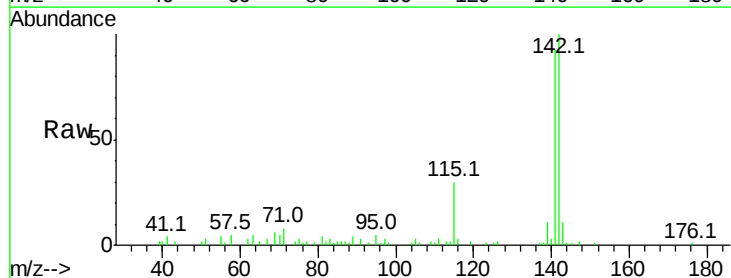
Instrument :
 BNA_G
 ClientSampled :
 EGR-B-3

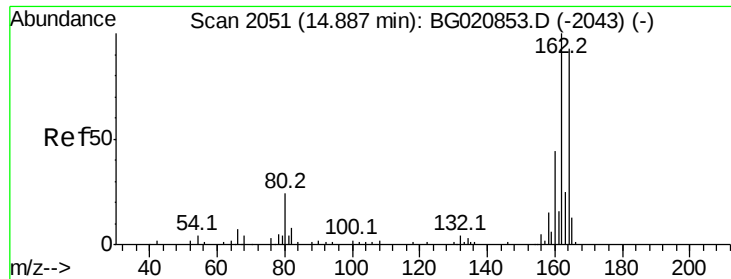
Tot Ion: 82 Resp: 4882
 Ion Ratio Lower Upper
 82 100
 128 53.5 40.1 60.1
 54 31.6 29.5 44.3



#37
 2-Methylnaphthalene
 Concen: 4.78 ng
 RT: 12.72 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG021010.D
 Acq: 20 Feb 2016 15:54

Tgt Ion: 142 Resp: 24372
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.4 110.2
 115 29.7 23.0 34.6

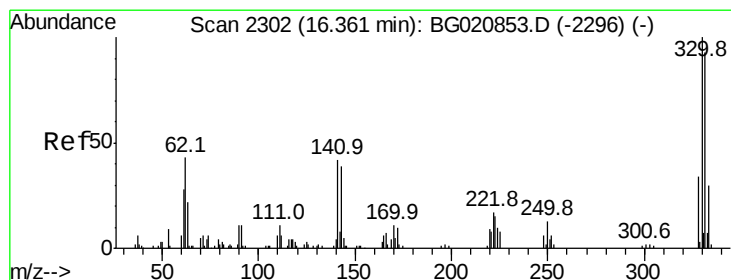
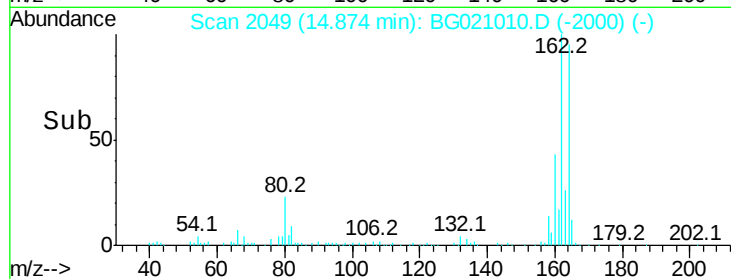
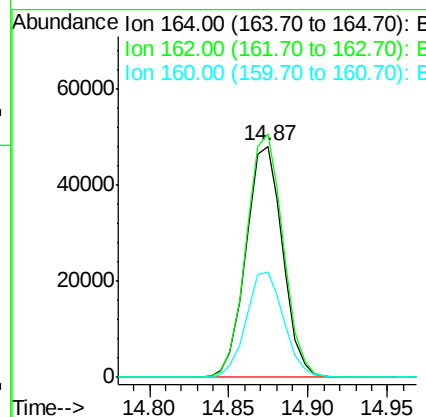
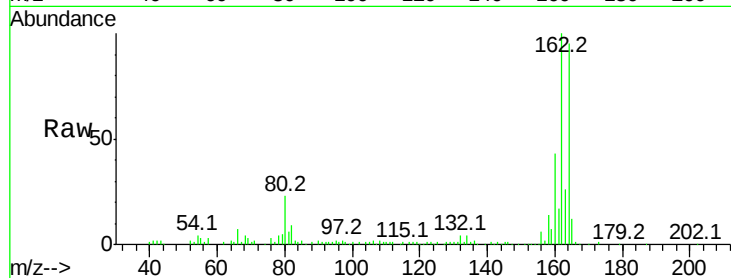




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

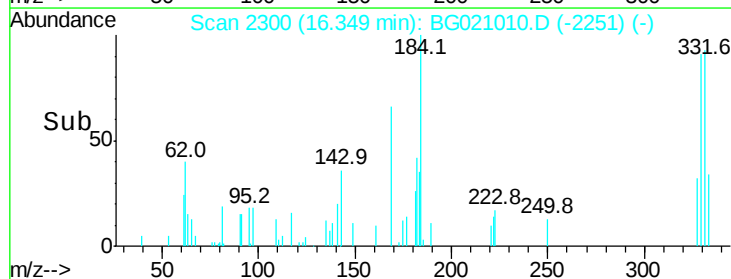
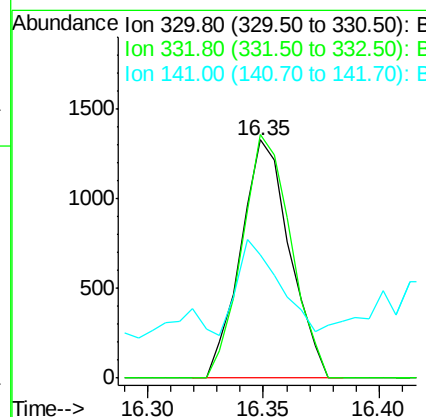
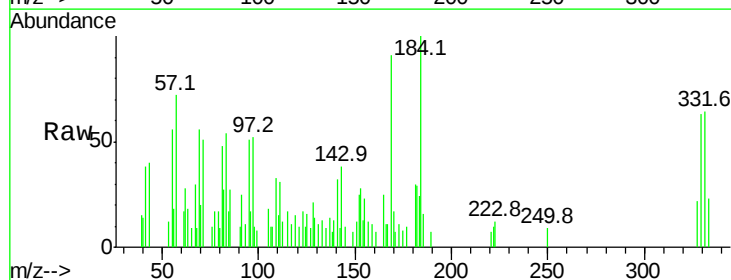
Instrument :
BNA_G
ClientSampleId :
EGR-B-3

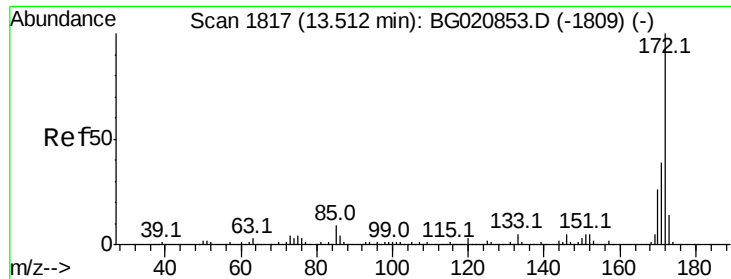
Tot Ion:164 Resp: 77087
Ion Ratio Lower Upper
164 100
162 105.3 85.7 128.5
160 45.6 37.4 56.0



#41
2,4,6-Tribromophenol
Concen: 2.58 ng
RT: 16.35 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG021010.D
Acq: 20 Feb 2016 15:54

Tgt Ion:330 Resp: 1959
Ion Ratio Lower Upper
330 100
332 101.7 76.1 114.1
141 41.7 32.0 48.0

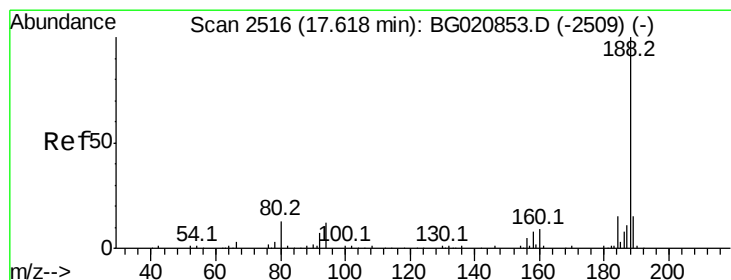
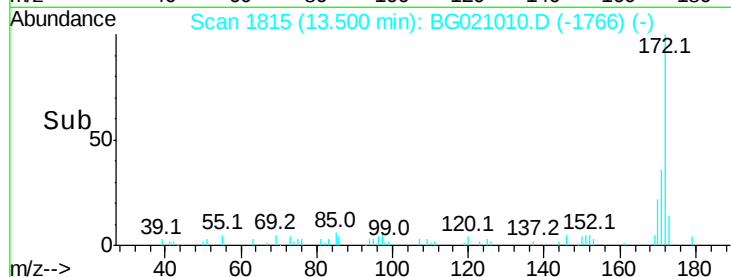
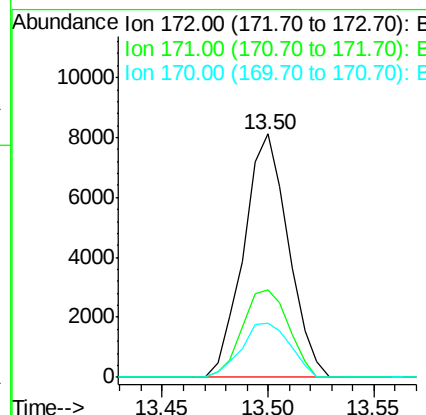
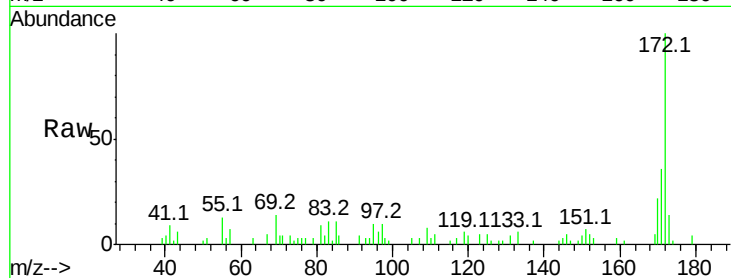




#44
 2-Fluorobiphenyl
 Concen: 2.17 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG021010.D
 Acq: 20 Feb 2016 15:54

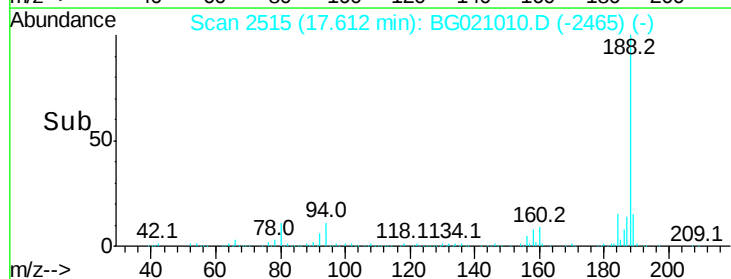
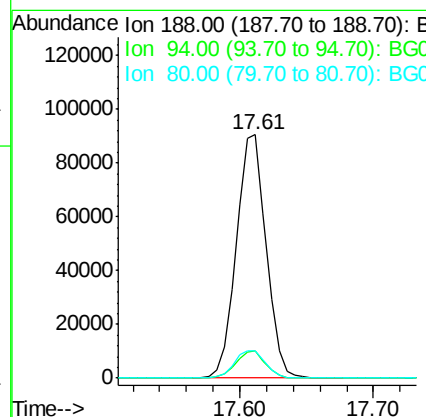
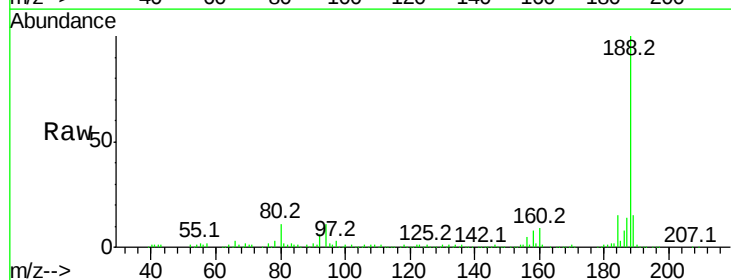
Instrument :
 BNA_G
 ClientSampled :
 EGR-B-3

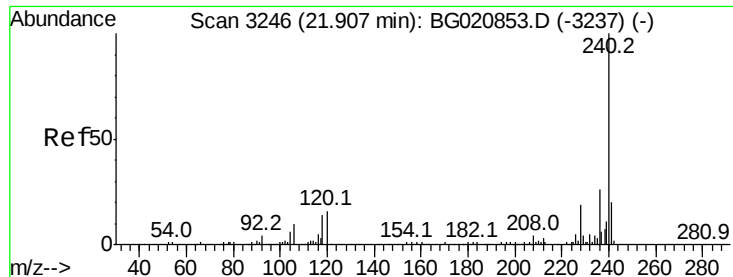
Tot Ion:172 Resp: 11895
 Ion Ratio Lower Upper
 172 100
 171 35.9 31.2 46.8
 170 22.3 20.6 30.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG021010.D
 Acq: 20 Feb 2016 15:54

Tgt Ion:188 Resp: 140303
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.0
 80 11.1 10.2 15.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

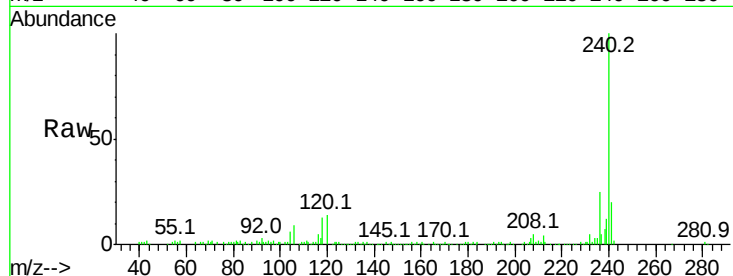
Tot Ion:240 Resp: 128870

Ion Ratio Lower Upper

240 100

120 14.1 13.0 19.4

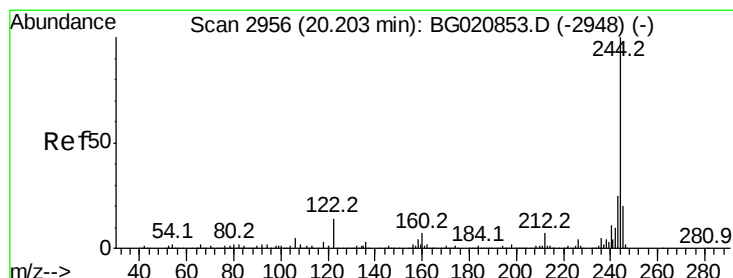
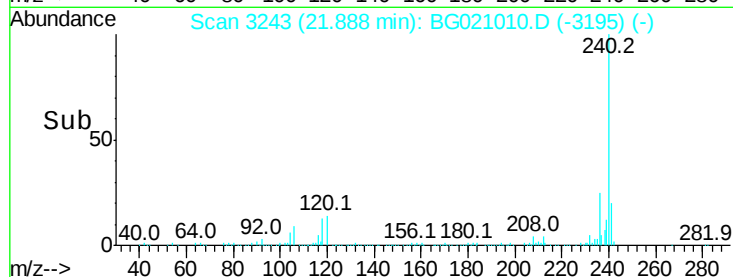
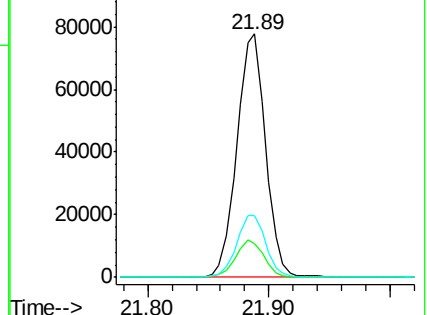
236 25.4 21.0 31.4



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: 2.12 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

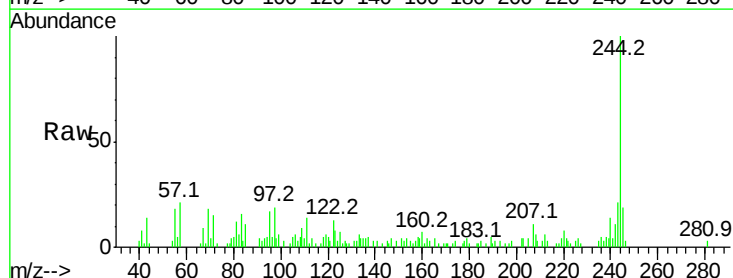
Tgt Ion:244 Resp: 11716

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

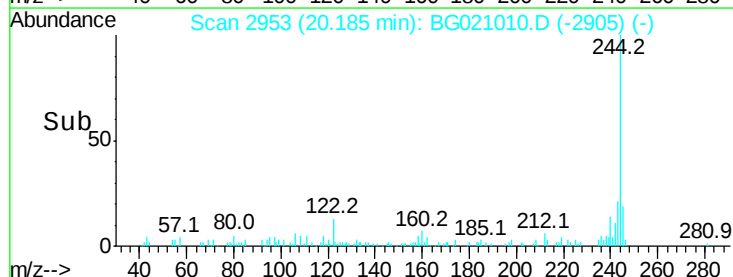
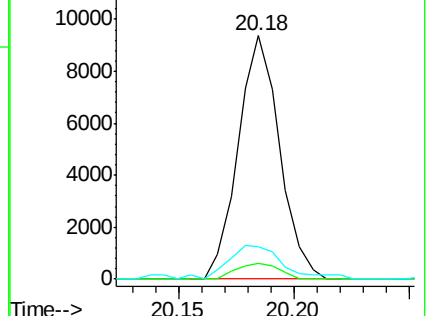
122 13.3 11.4 17.2

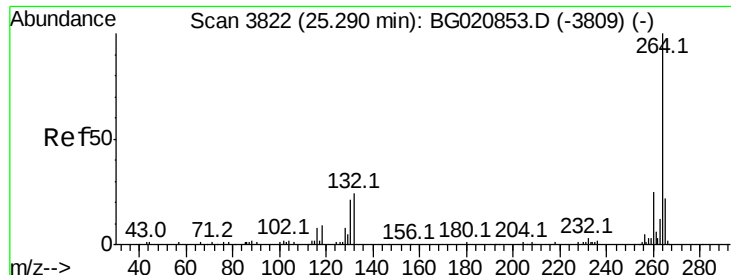


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.03 min

Lab File: BG021010.D

Acq: 20 Feb 2016 15:54

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

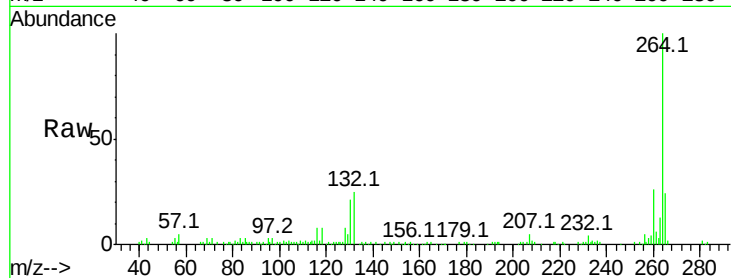
Tot Ion:264 Resp: 125433

Ion Ratio Lower Upper

264 100

260 26.1 19.9 29.9

265 23.7 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

