

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020965.D
 Acq On : 19 Feb 2016 10:12
 Operator : SJ/UM
 Sample : H1453-19 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-1

Quant Time: Feb 19 12:24:29 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	27657	20.00	ng	-0.01
21) Naphthalene-d8	11.08	136	141271	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	77621	20.00	ng	-0.02
63) Phenanthrene-d10	17.60	188	147023	20.00	ng	-0.02
75) Chrysene-d12	21.88	240	134079	20.00	ng	-0.03
86) Perylene-d12	25.24	264	126655	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	7359	4.48	ng	-0.01
7) Phenol-d6	7.40	99	11879	4.95	ng	-0.01
23) Nitrobenzene-d5	9.43	82	7420	3.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.35	330	2956	3.87	ng	-0.02
44) 2-Fluorobiphenyl	13.50	172	16846	3.05	ng	-0.02
78) Terphenyl-d14	20.18	244	14856	2.58	ng	-0.02

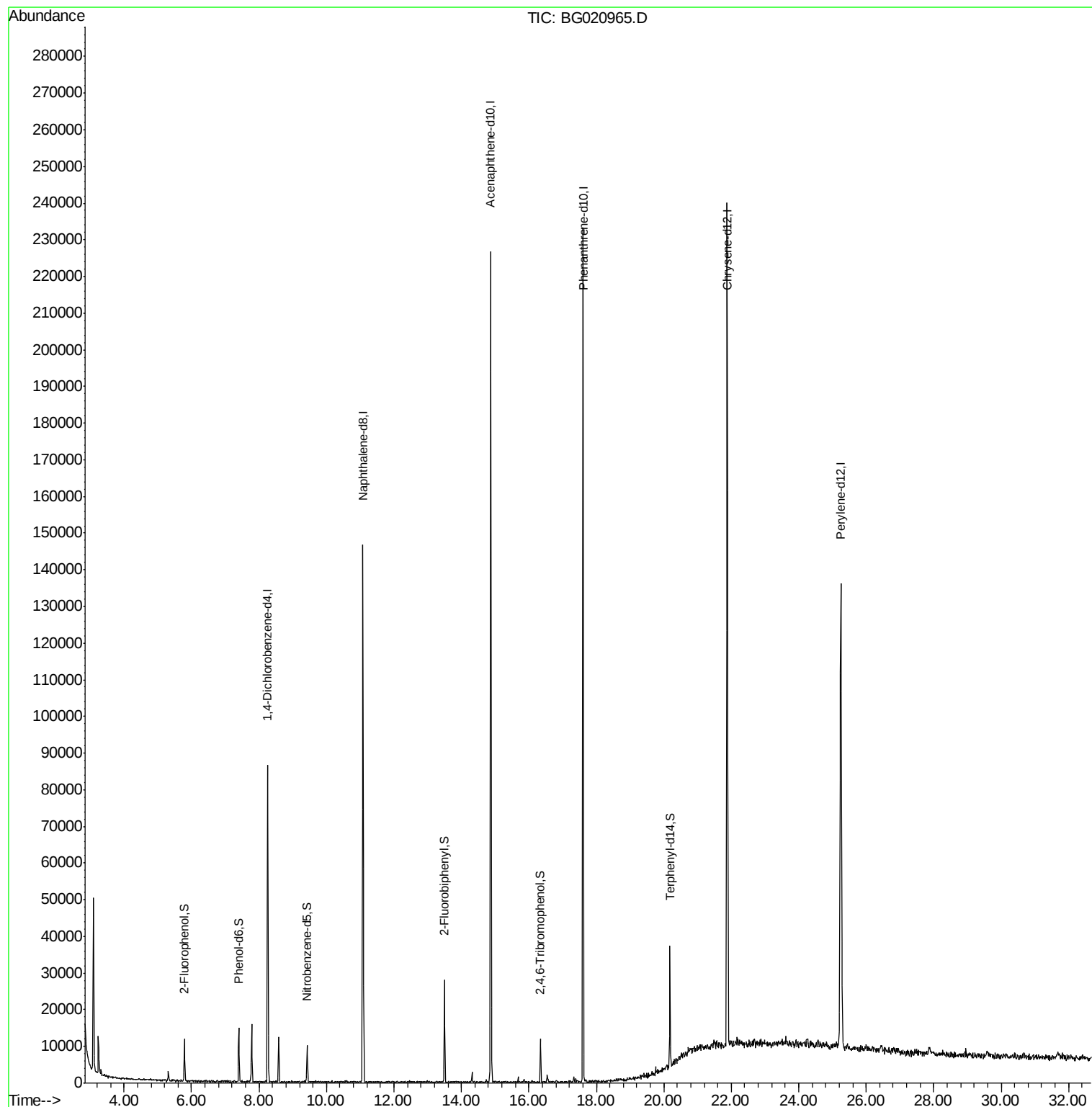
Target Compounds Qvalue

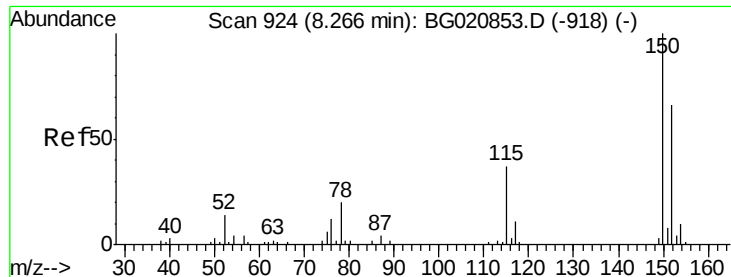
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-1

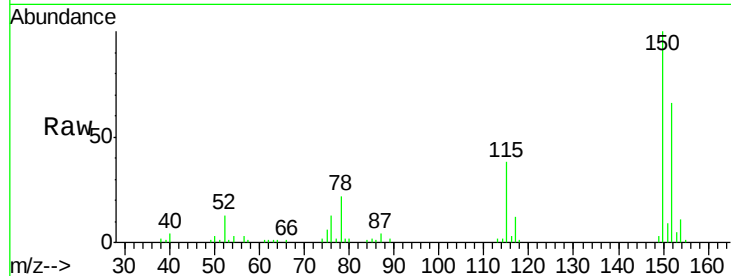
Tot Ion:152 Resp: 27657

Ion Ratio Lower Upper

152 100

150 151.9 122.0 183.0

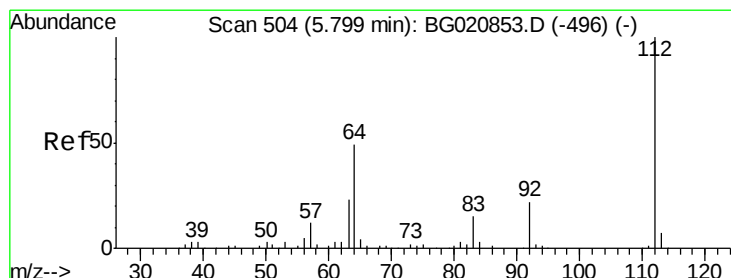
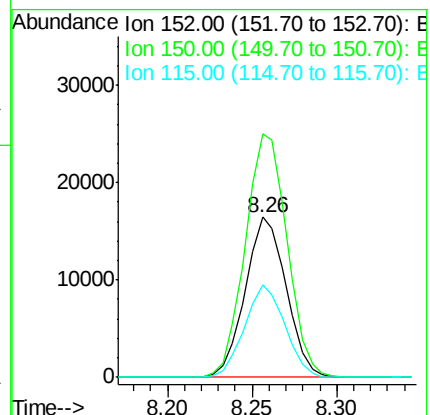
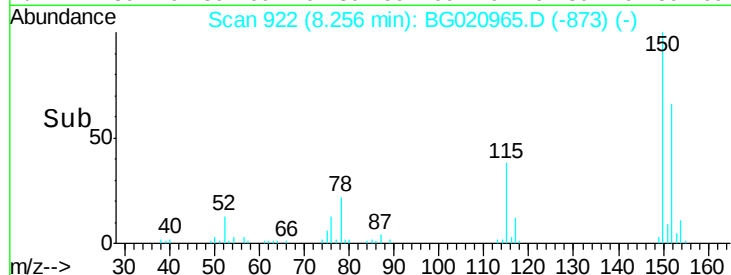
115 57.9 45.2 67.8



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: 4.48 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

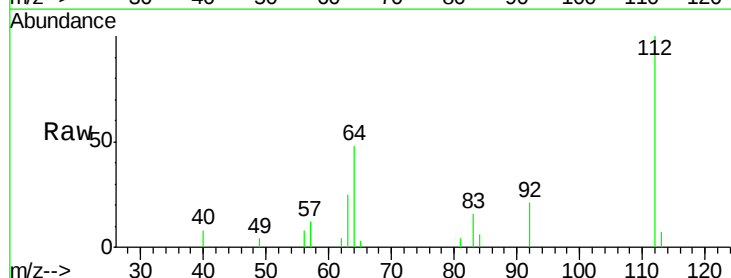
Tgt Ion:112 Resp: 7359

Ion Ratio Lower Upper

112 100

64 48.2 39.3 58.9

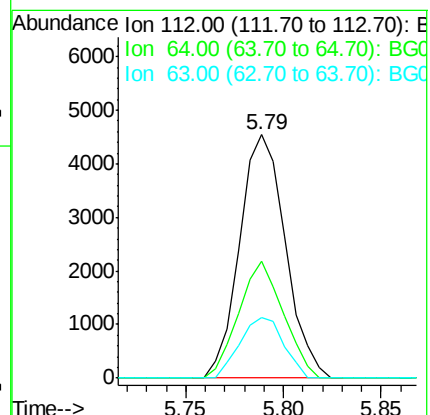
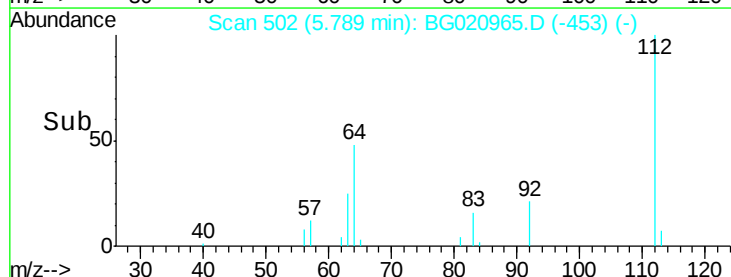
63 25.0 18.2 27.4

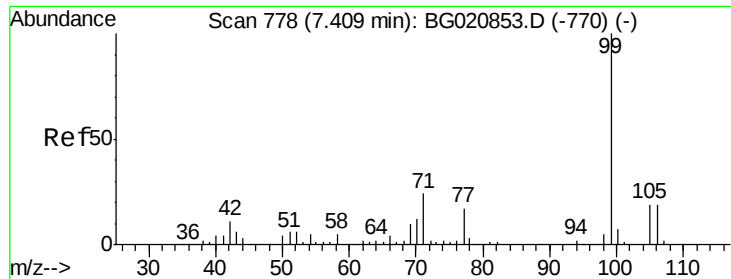


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 4.95 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-1

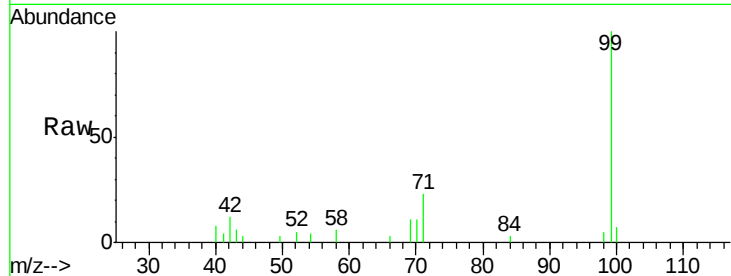
Tot Ion: 99 Resp: 11879

Ion Ratio Lower Upper

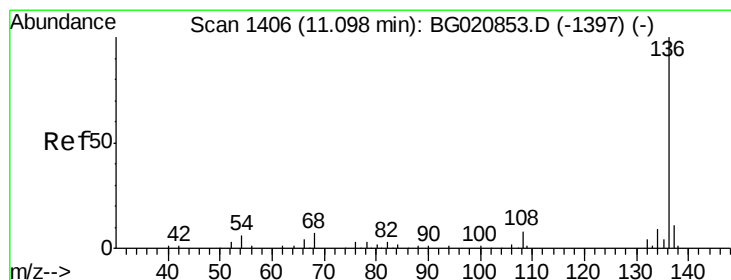
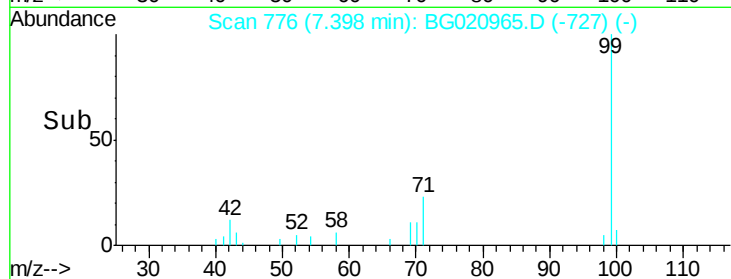
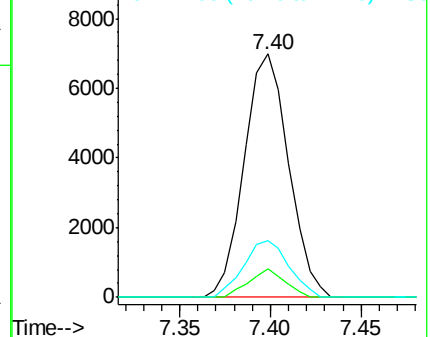
99 100

42 11.9 8.4 12.6

71 23.3 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: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

Tgt Ion: 136 Resp: 141271

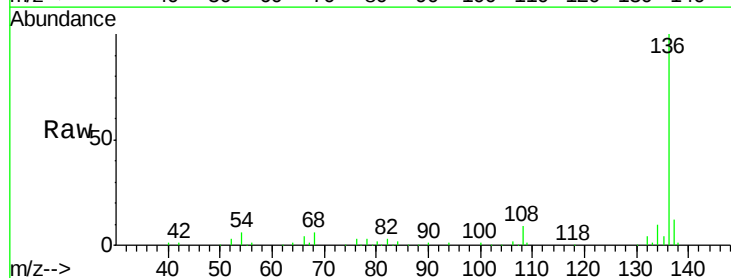
Ion Ratio Lower Upper

136 100

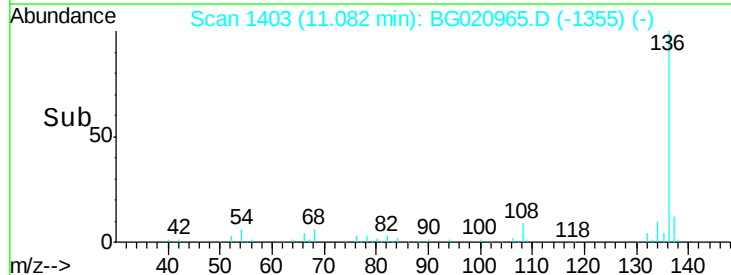
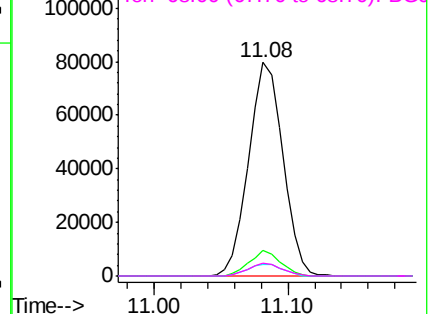
137 11.7 8.8 13.2

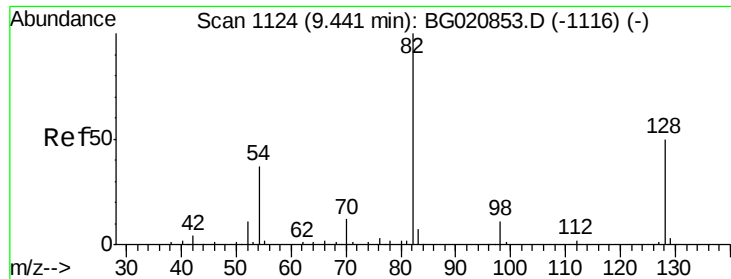
54 5.6 5.0 7.4

68 5.8 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

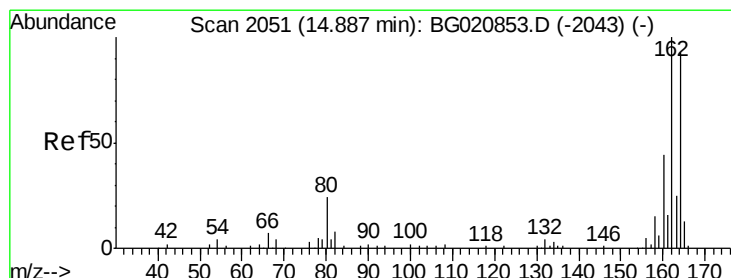
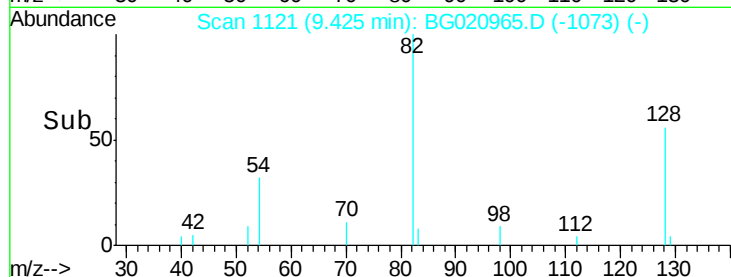
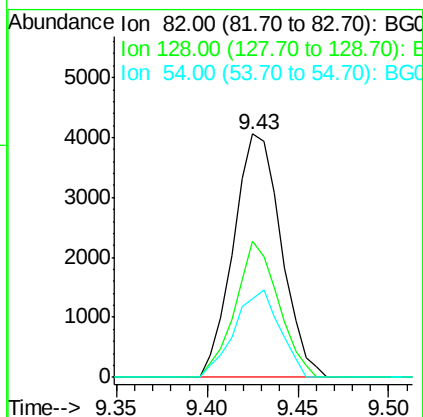
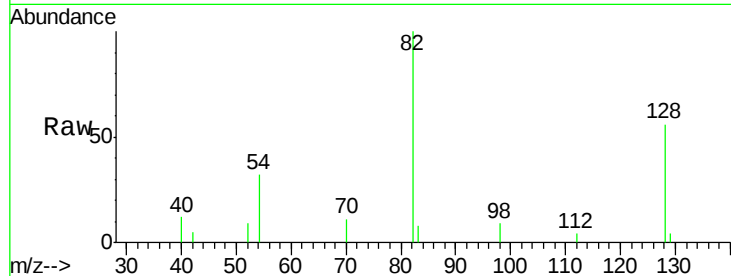




#23
 Nitrobenzene-d5
 Concen: 3.45 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BG020965.D
 Acq: 19 Feb 2016 10:12

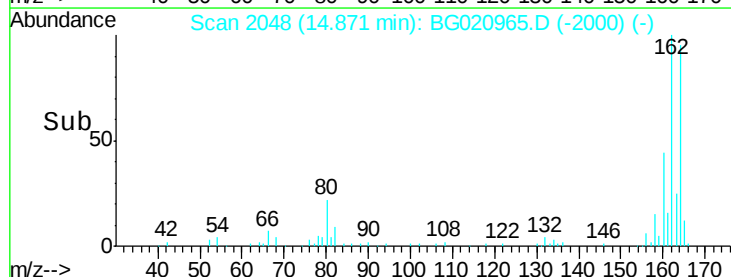
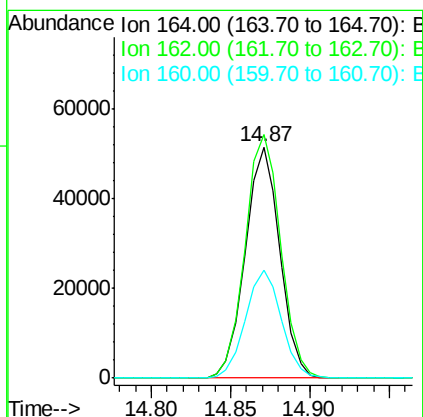
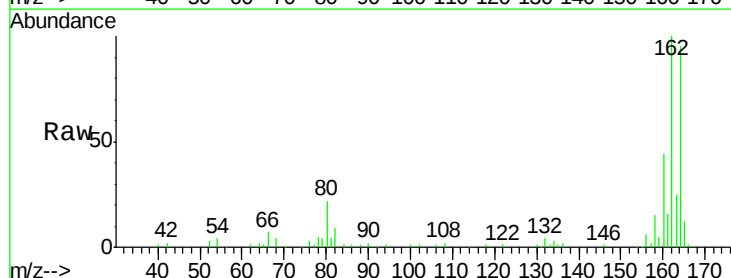
Instrument :
 BNA_G
 ClientSampled :
 EGR-B-1

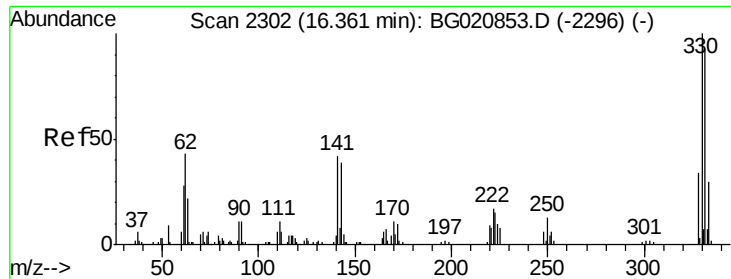
Tot Ion: 82 Resp: 7420
 Ion Ratio Lower Upper
 82 100
 128 55.9 40.1 60.1
 54 32.4 29.5 44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020965.D
 Acq: 19 Feb 2016 10:12

Tgt Ion:164 Resp: 77621
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.7 128.5
 160 46.8 37.4 56.0





#41

2,4,6-Tribromophenol

Concen: 3.87 ng

RT: 16.35 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-1

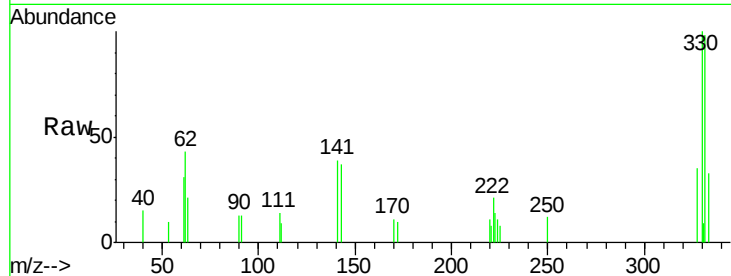
Tot Ion:330 Resp: 2956

Ion Ratio Lower Upper

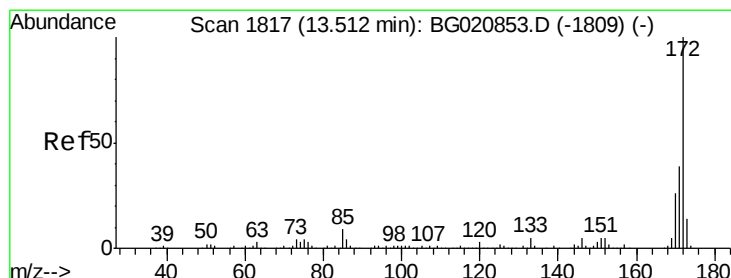
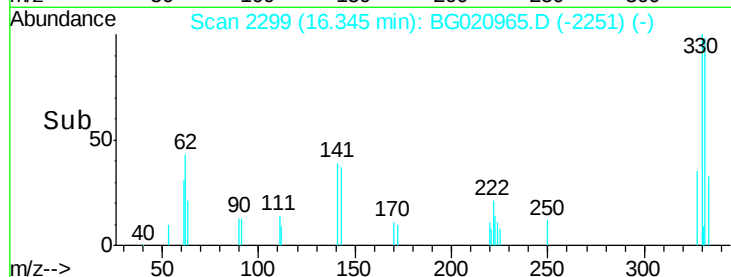
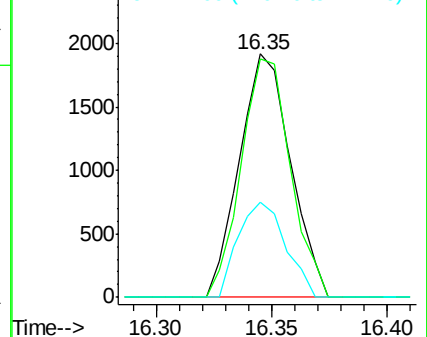
330 100

332 94.5 76.1 114.1

141 35.9 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: 3.05 ng

RT: 13.50 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

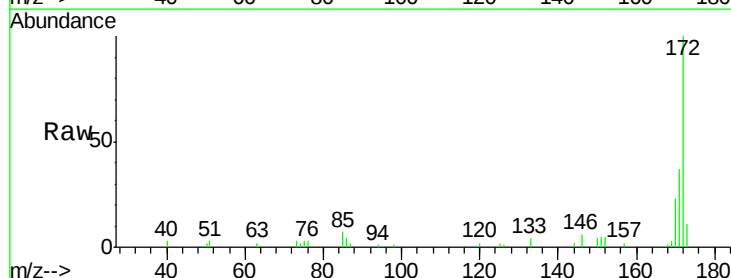
Tgt Ion:172 Resp: 16846

Ion Ratio Lower Upper

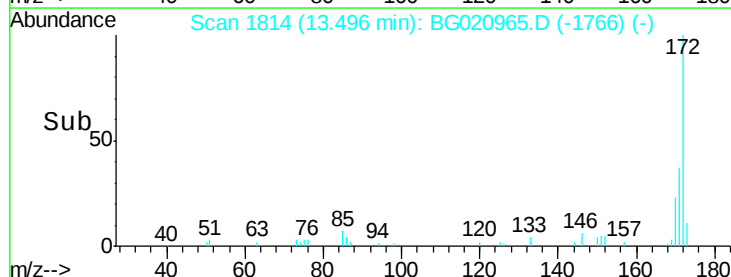
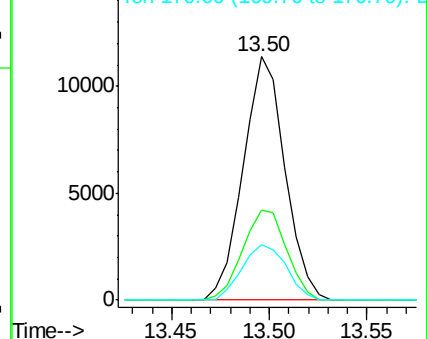
172 100

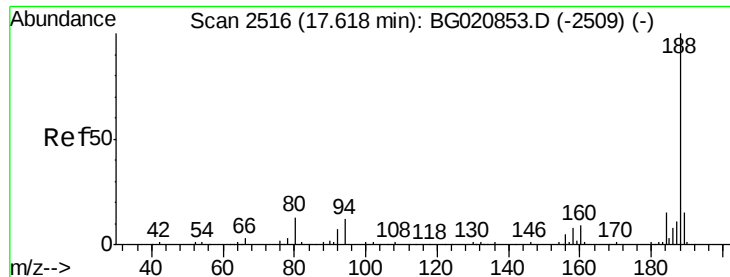
171 37.2 31.2 46.8

170 22.5 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

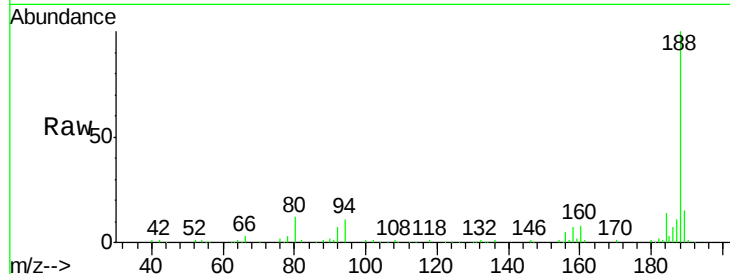




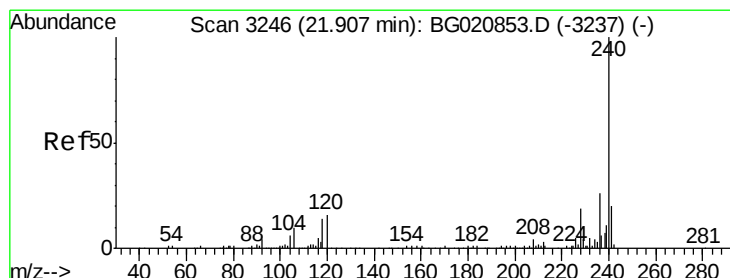
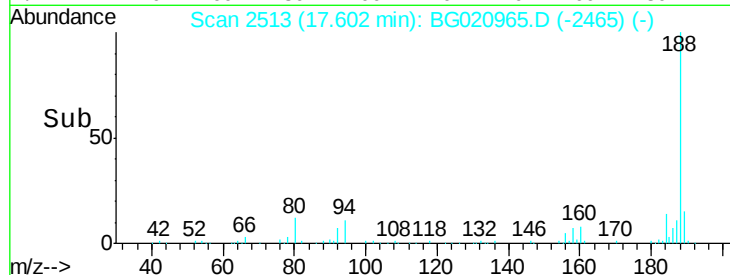
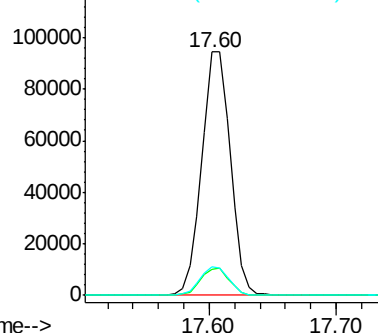
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BG020965.D
Acq: 19 Feb 2016 10:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-1

Tot Ion:188 Resp: 147023
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 11.7 10.2 15.4

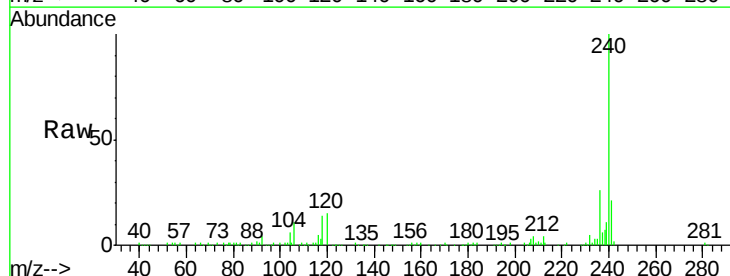


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

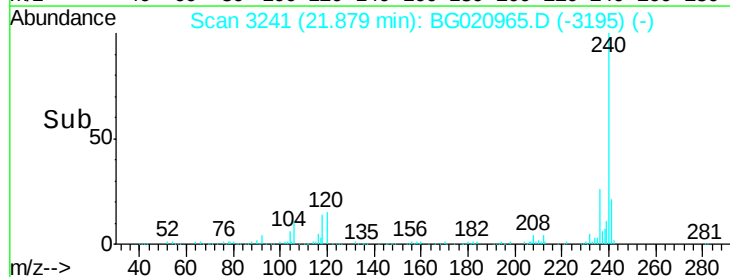
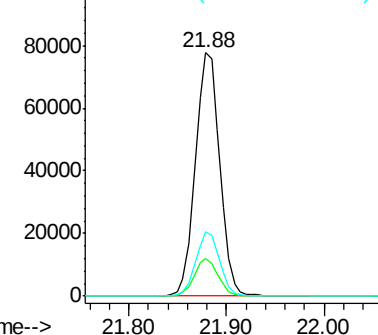


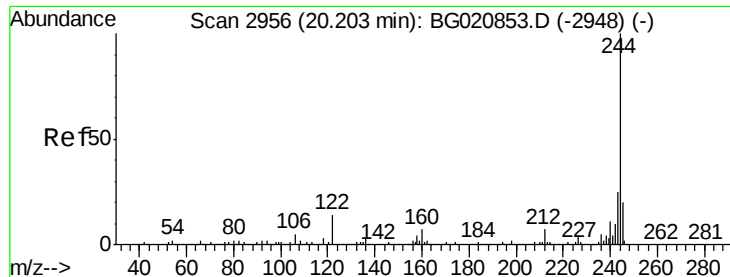
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.03 min
Lab File: BG020965.D
Acq: 19 Feb 2016 10:12

Tgt Ion:240 Resp: 134079
Ion Ratio Lower Upper
240 100
120 15.4 13.0 19.4
236 26.4 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: 2.58 ng

RT: 20.18 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-1

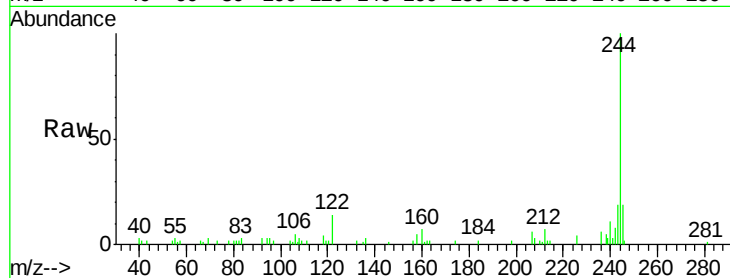
Tot Ion:244 Resp: 14856

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

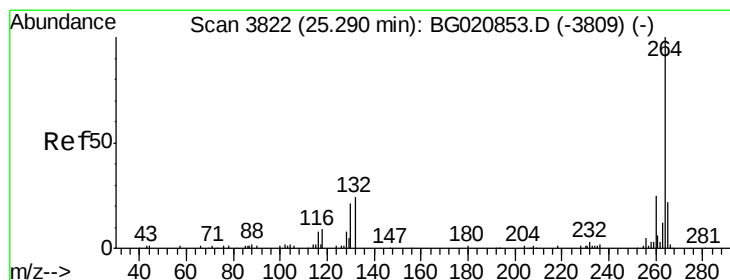
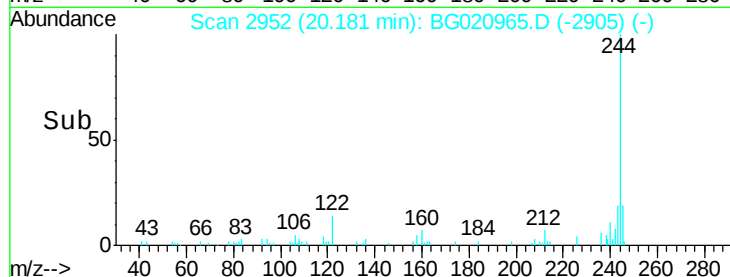
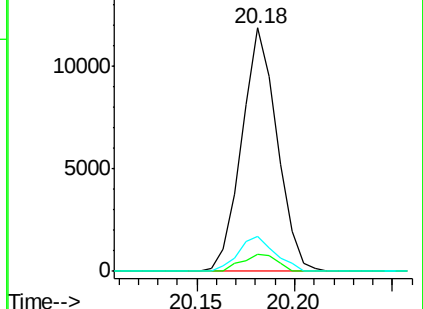
122 14.5 11.4 17.2



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: 25.24 min Scan# 3814

Delta R.T. -0.05 min

Lab File: BG020965.D

Acq: 19 Feb 2016 10:12

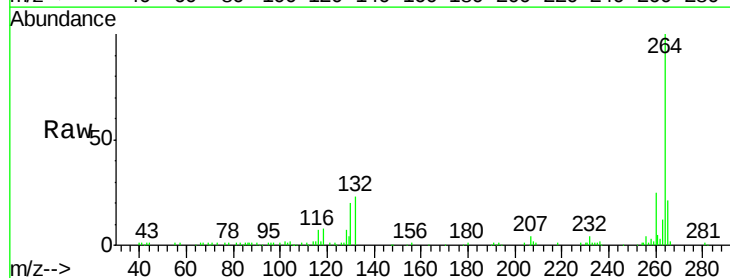
Tgt Ion:264 Resp: 126655

Ion Ratio Lower Upper

264 100

260 25.4 19.9 29.9

265 21.4 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

