

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020960.D
 Acq On : 19 Feb 2016 6:56
 Operator : SJ/UM
 Sample : H1453-03 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-2

Quant Time: Feb 19 09:48:27 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	25392	20.00	ng	-0.01
21) Naphthalene-d8	11.08	136	130997	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	74146	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	140597	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	130142	20.00	ng	-0.02
86) Perylene-d12	25.24	264	123732	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	6991	4.64	ng	-0.01
7) Phenol-d6	7.40	99	10157	4.61	ng	-0.01
23) Nitrobenzene-d5	9.43	82	5810	2.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	2824	3.87	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	16294	3.09	ng	-0.01
78) Terphenyl-d14	20.18	244	16500	2.96	ng	-0.02

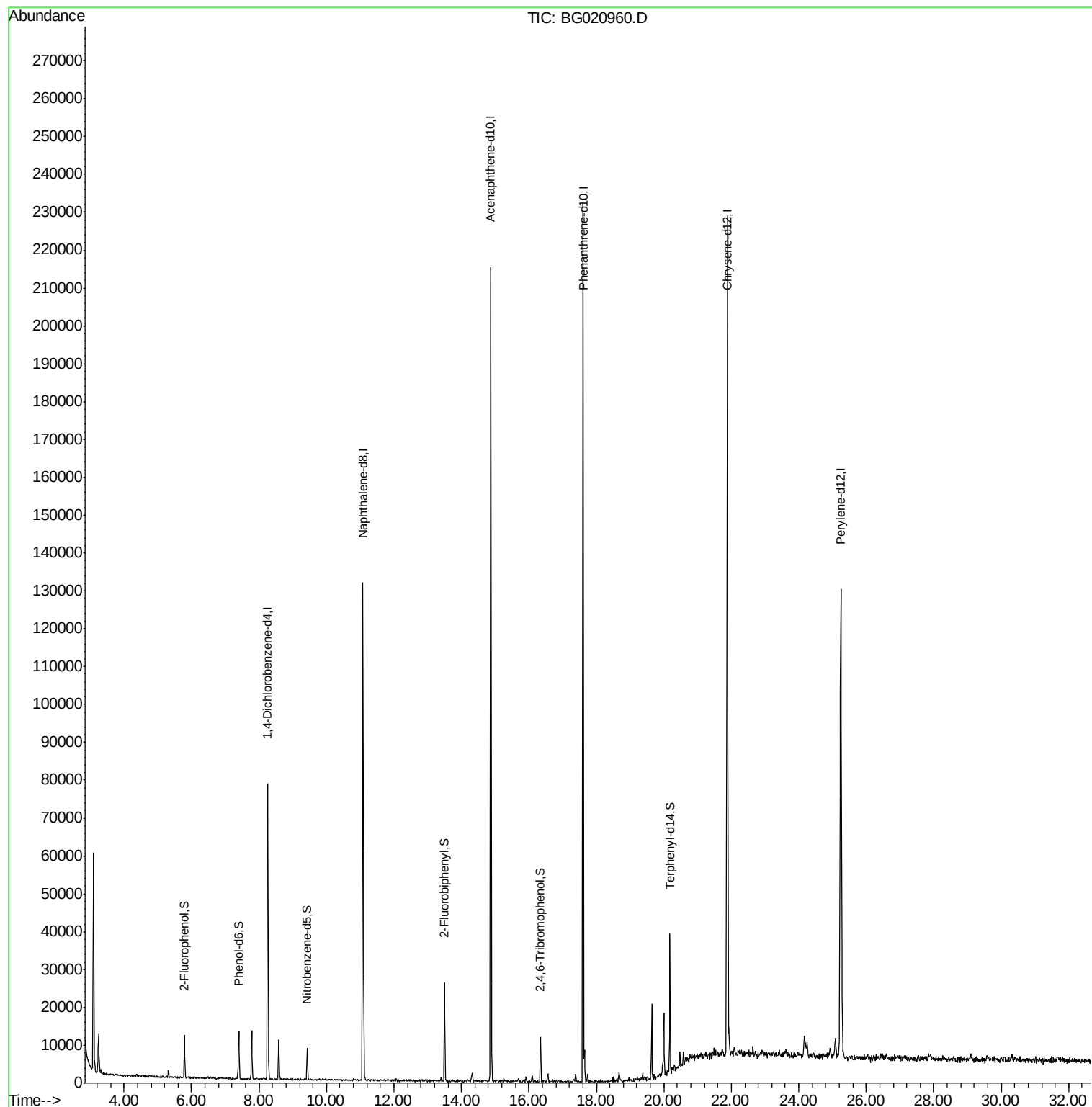
Target Compounds Qvalue

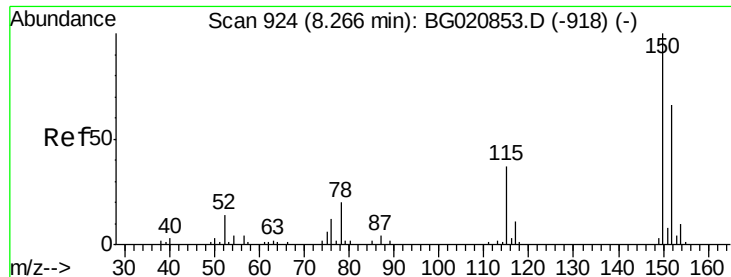
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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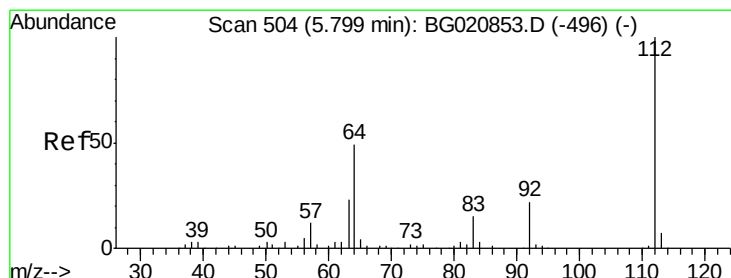
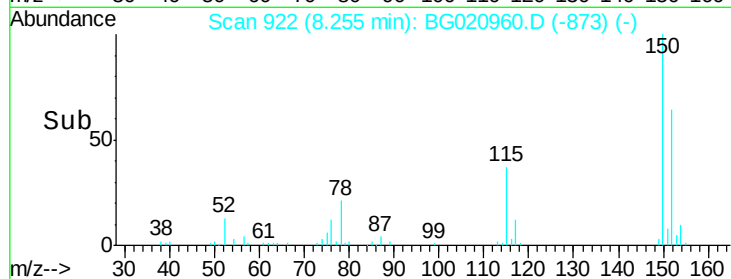
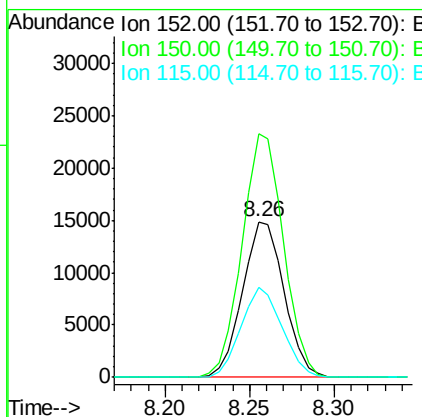
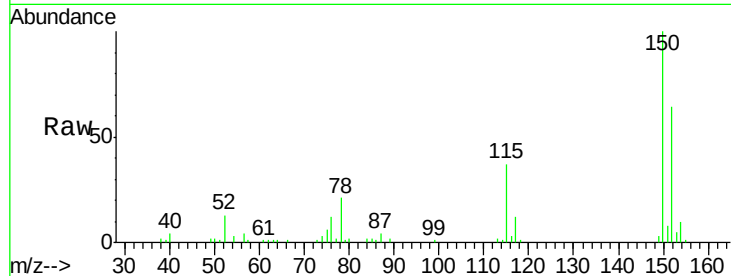


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020960.D
Acq: 19 Feb 2016 6:56

Instrument :
BNA_G
ClientSampleId :
EGR-A-2

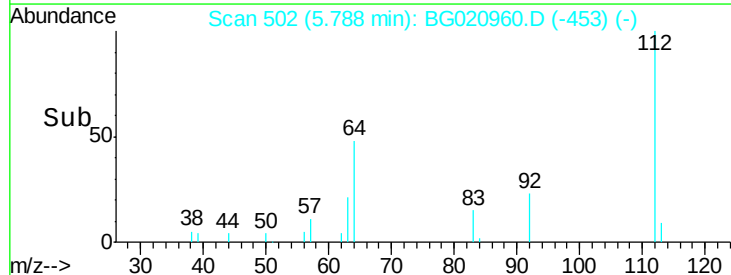
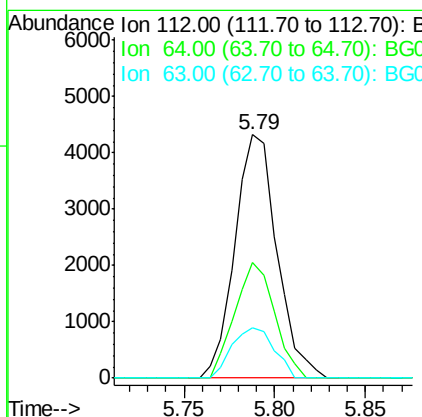
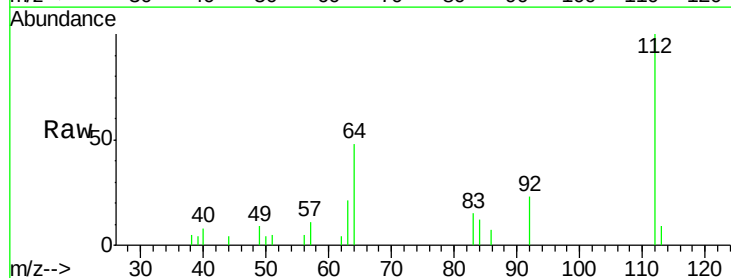
Tot Ion:152 Resp: 25392
Ion Ratio Lower Upper
152 100
150 156.7 122.0 183.0
115 57.9 45.2 67.8

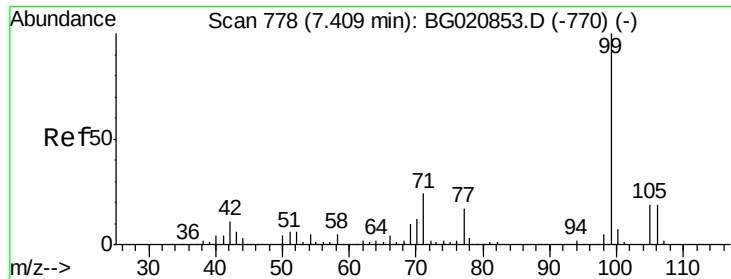


#5

2-Fluorophenol
Concen: 4.64 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020960.D
Acq: 19 Feb 2016 6:56

Tgt Ion:112 Resp: 6991
Ion Ratio Lower Upper
112 100
64 47.7 39.3 58.9
63 20.6 18.2 27.4





#7

Phenol-d6

Concen: 4.61 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020960.D

Acq: 19 Feb 2016 6:56

Instrument :

BNA_G

ClientSampleId :

EGR-A-2

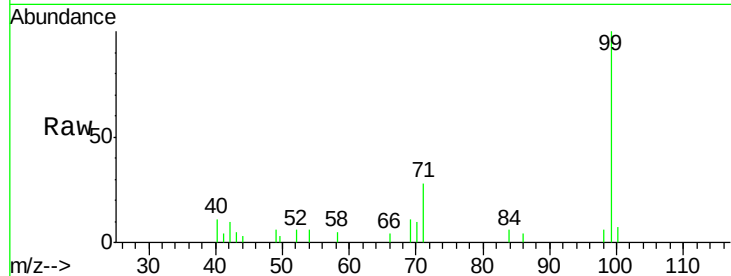
Tot Ion: 99 Resp: 10157

Ion Ratio Lower Upper

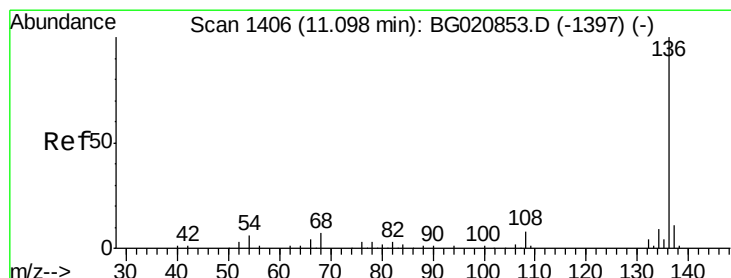
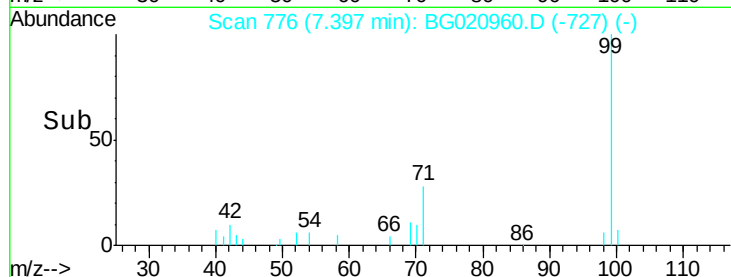
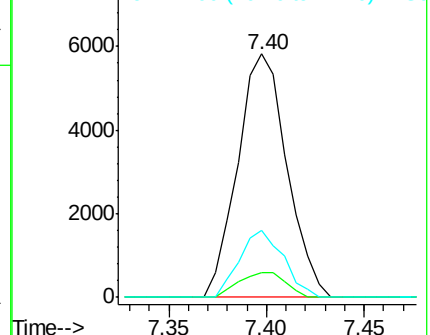
99 100

42 10.2 8.4 12.6

71 27.6 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: BG020960.D

Acq: 19 Feb 2016 6:56

Tgt Ion: 136 Resp: 130997

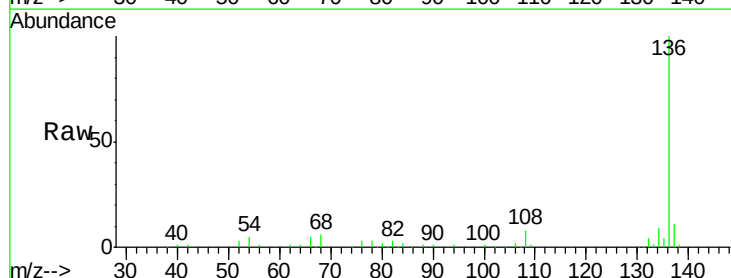
Ion Ratio Lower Upper

136 100

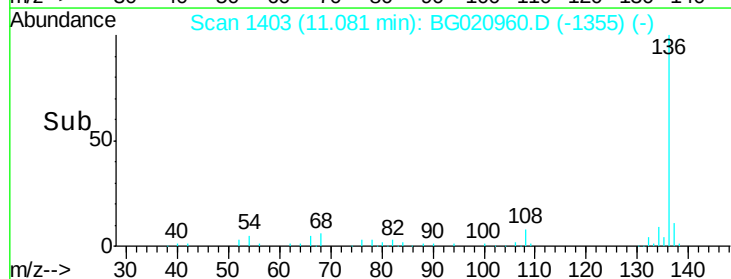
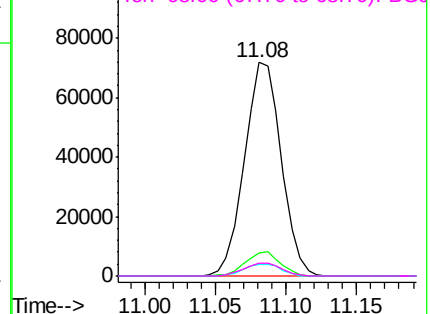
137 10.8 8.8 13.2

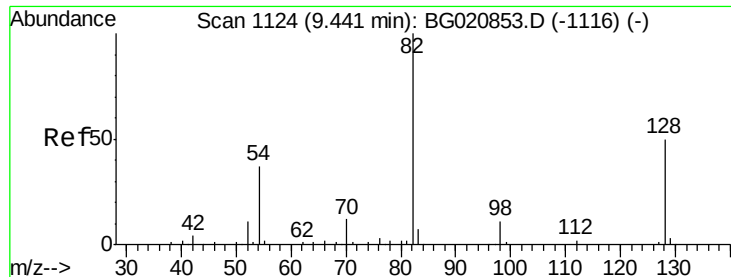
54 5.5 5.0 7.4

68 6.2 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: 2.92 ng

RT: 9.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG020960.D

Acq: 19 Feb 2016 6:56

Instrument :

BNA_G

ClientSampleId :

EGR-A-2

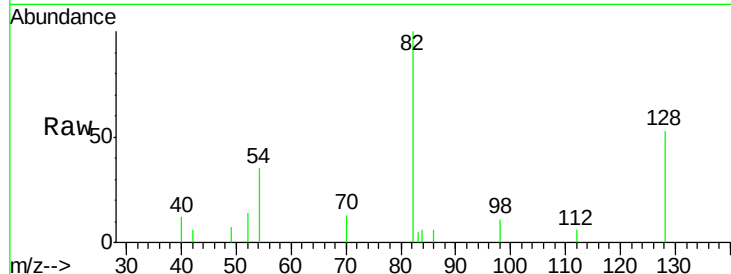
Tot Ion: 82 Resp: 5810

Ion Ratio Lower Upper

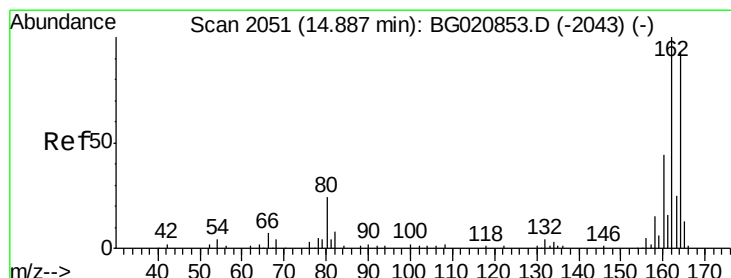
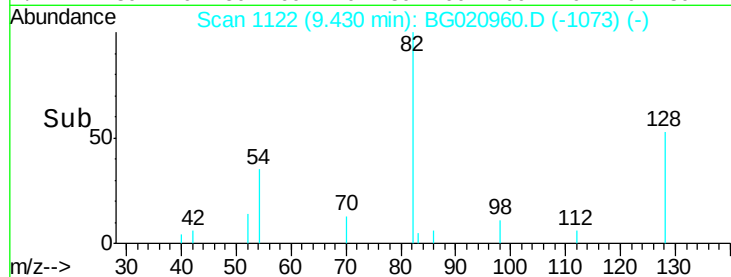
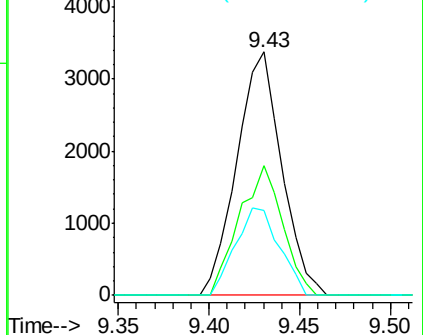
82 100

128 53.4 40.1 60.1

54 35.0 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: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG020960.D

Acq: 19 Feb 2016 6:56

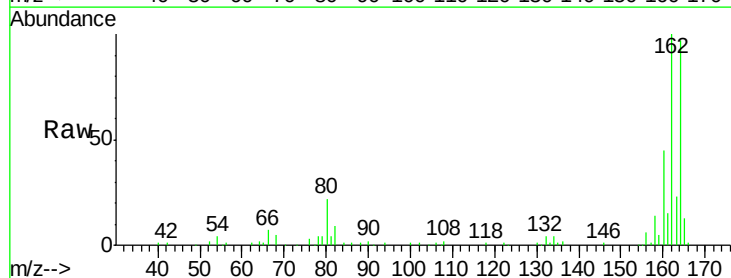
Tgt Ion: 164 Resp: 74146

Ion Ratio Lower Upper

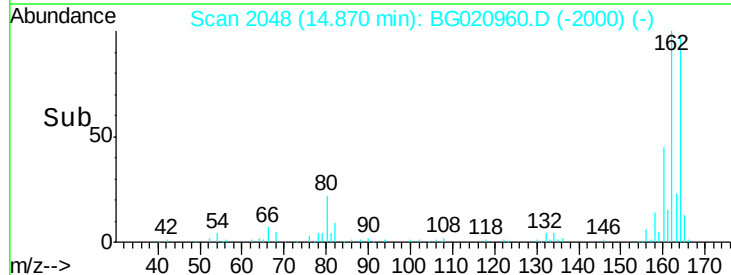
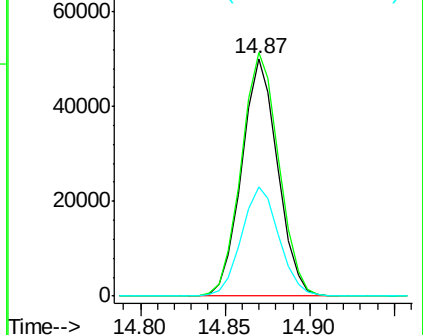
164 100

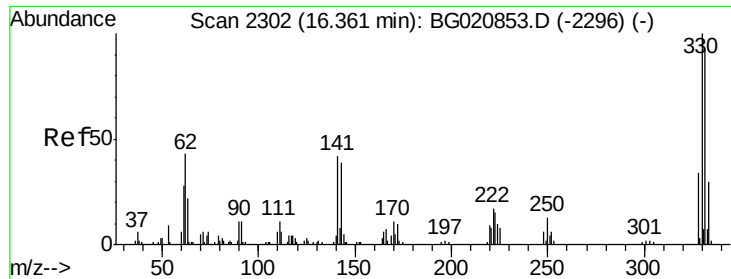
162 102.6 85.7 128.5

160 46.1 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: 3.87 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020960.D

Acq: 19 Feb 2016 6:56

Instrument :

BNA_G

ClientSampleId :

EGR-A-2

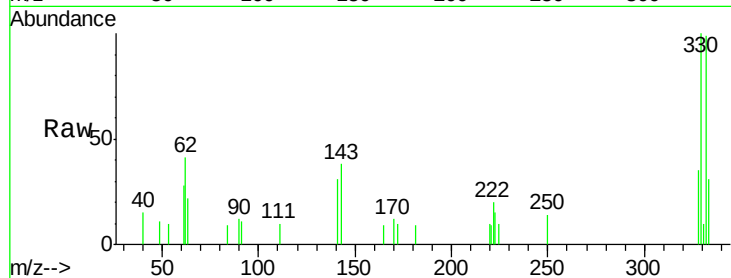
Tot Ion:330 Resp: 2824

Ion Ratio Lower Upper

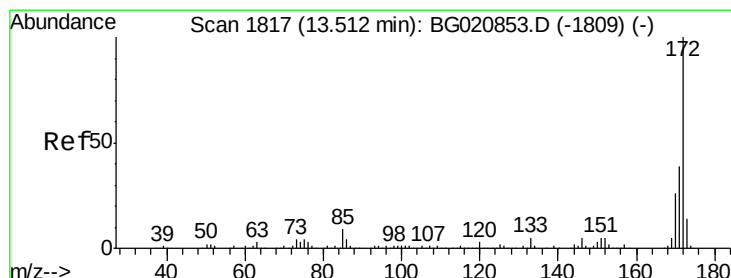
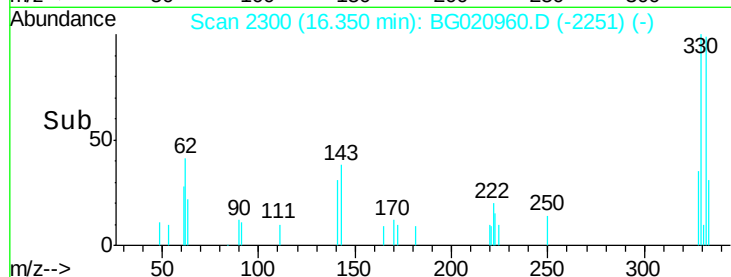
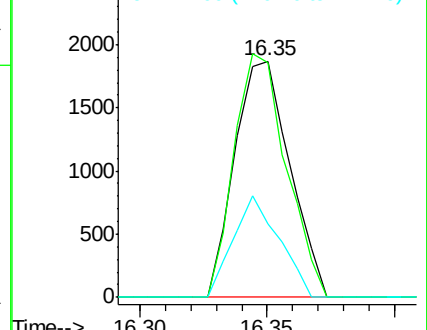
330 100

332 97.6 76.1 114.1

141 35.8 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: 3.09 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020960.D

Acq: 19 Feb 2016 6:56

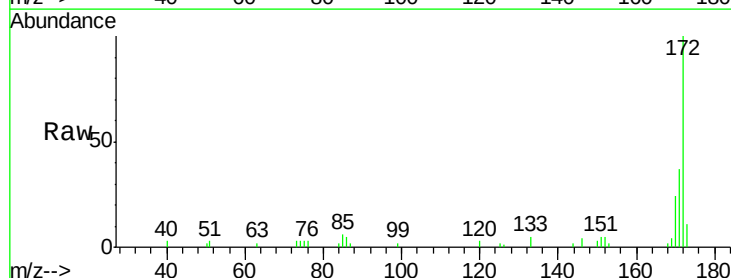
Tgt Ion:172 Resp: 16294

Ion Ratio Lower Upper

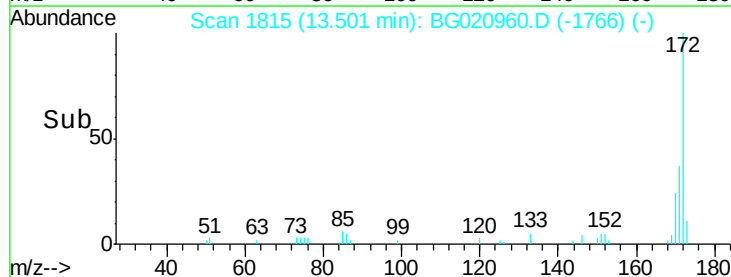
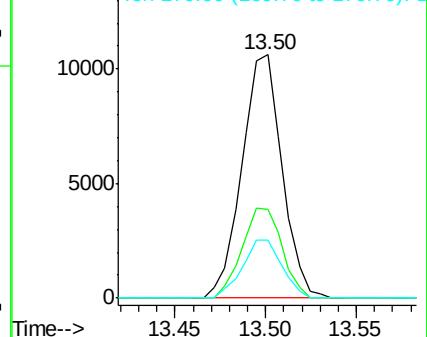
172 100

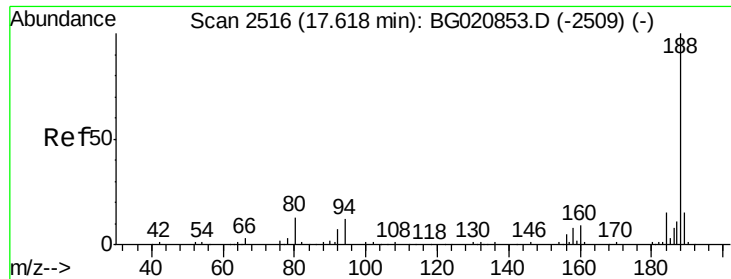
171 36.6 31.2 46.8

170 24.0 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

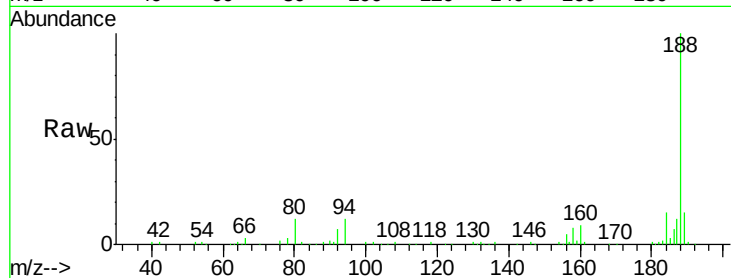




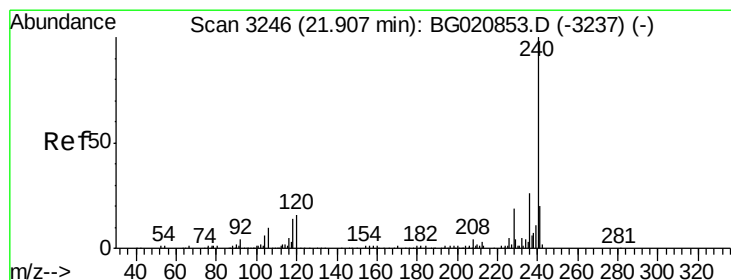
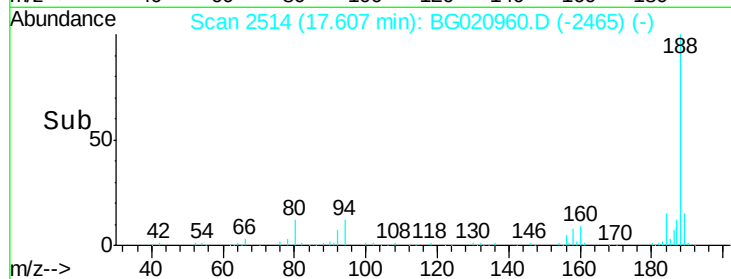
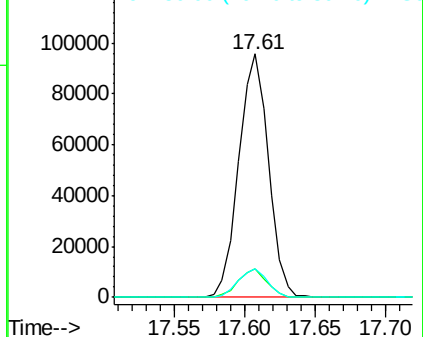
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020960.D
Acq: 19 Feb 2016 6:56

Instrument :
BNA_G
ClientSampleId :
EGR-A-2

Tot Ion:188 Resp: 140597
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.0
80 11.6 10.2 15.4

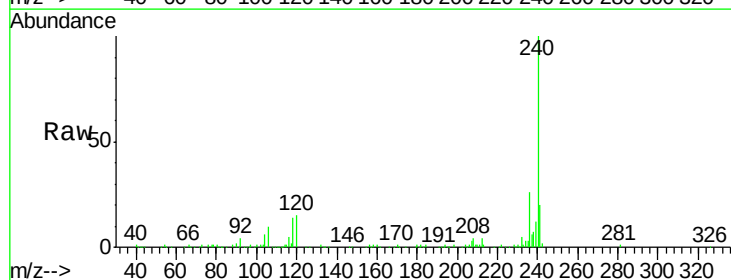


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

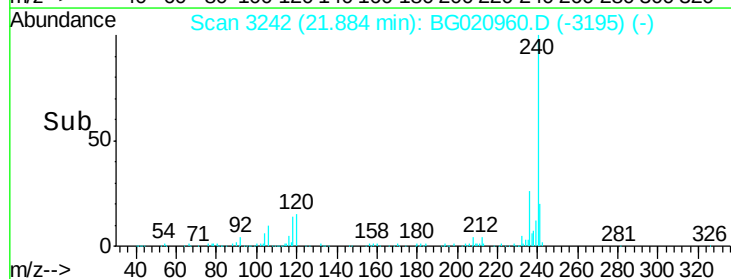
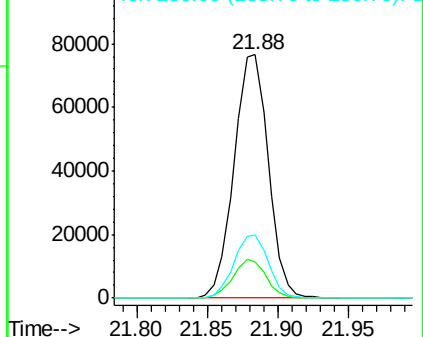


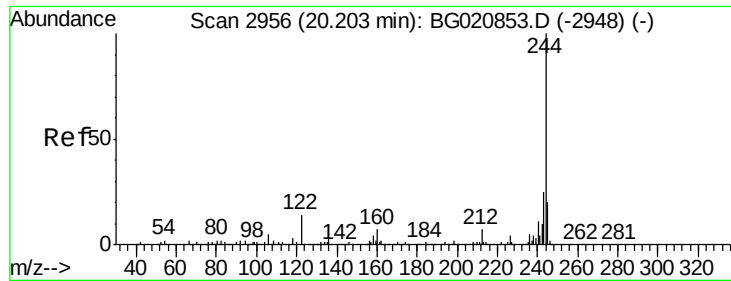
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020960.D
Acq: 19 Feb 2016 6:56

Tgt Ion:240 Resp: 130142
Ion Ratio Lower Upper
240 100
120 14.6 13.0 19.4
236 26.1 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: 2.96 ng

RT: 20.18 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG020960.D

Acq: 19 Feb 2016 6:56

Instrument :

BNA_G

ClientSampleId :

EGR-A-2

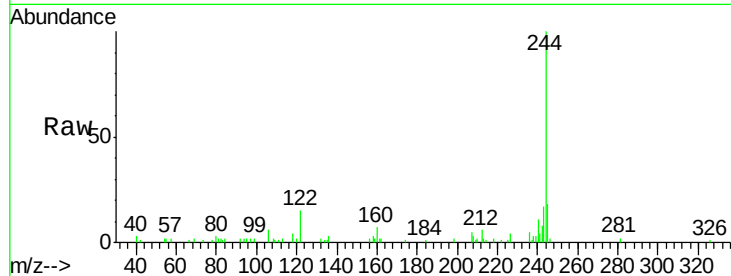
Tot Ion:244 Resp: 16500

Ion Ratio Lower Upper

244 100

212 5.7 5.5 8.3

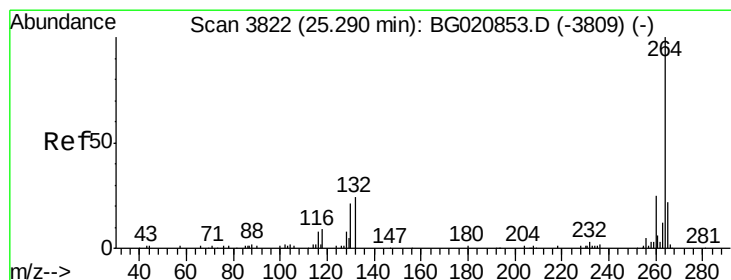
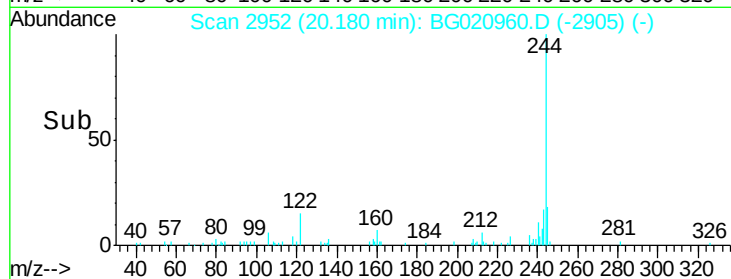
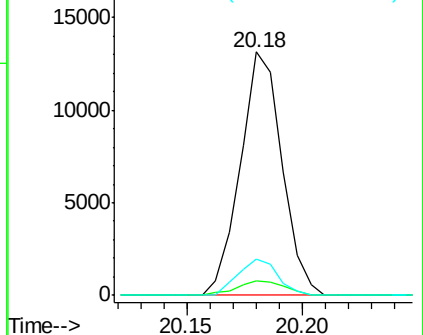
122 15.0 11.4 17.2



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: BG020960.D

Acq: 19 Feb 2016 6:56

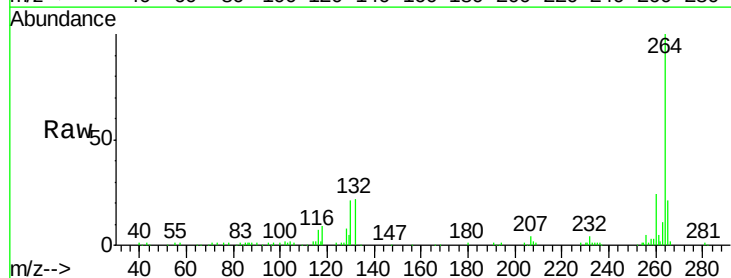
Tgt Ion:264 Resp: 123732

Ion Ratio Lower Upper

264 100

260 23.6 19.9 29.9

265 20.7 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

