

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG021012.D
 Acq On : 20 Feb 2016 17:12
 Operator : SJ/UM
 Sample : H1453-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-3

Quant Time: Feb 21 22:54:32 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

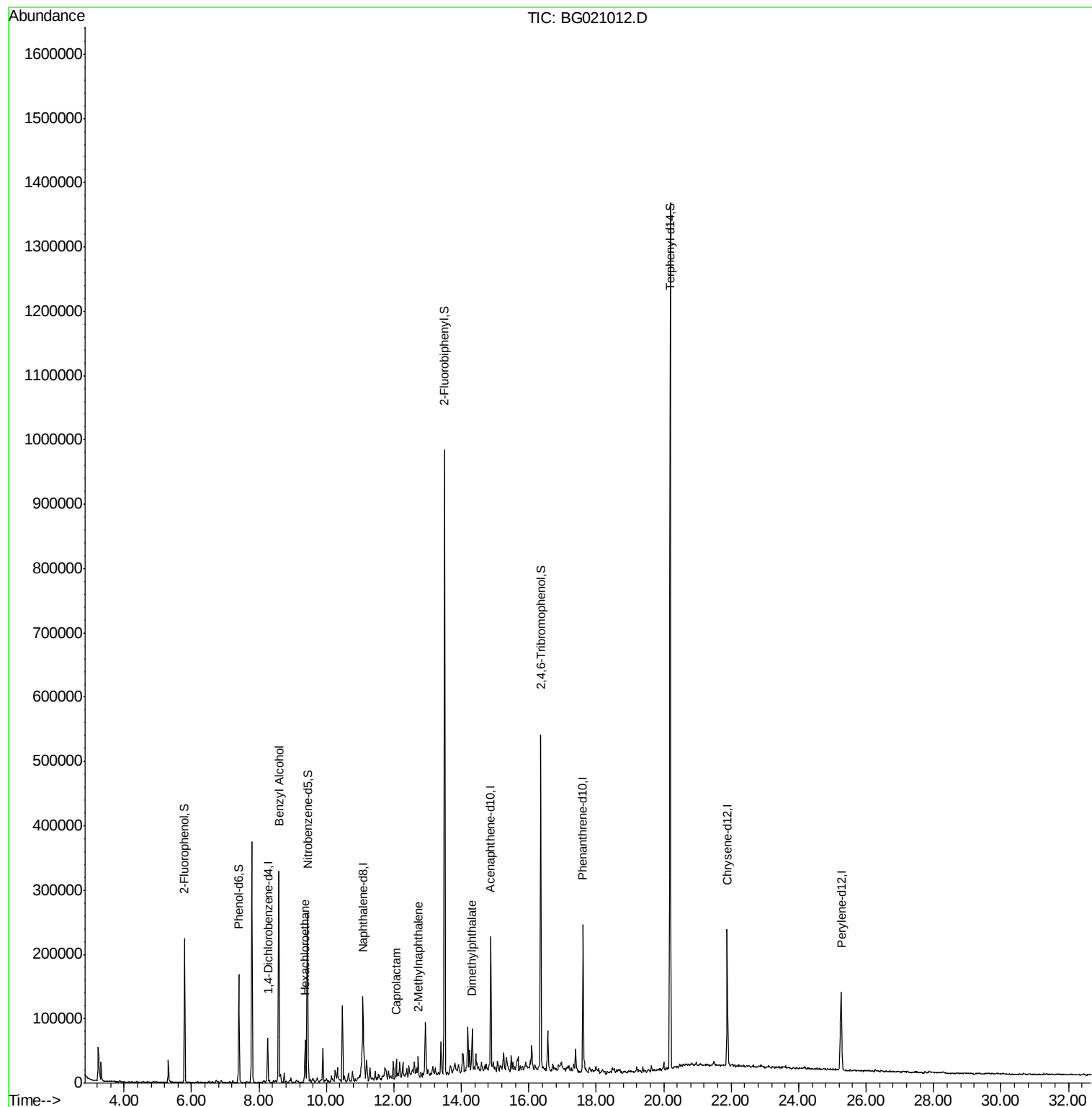
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	22616	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	119240	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	70680	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	134836	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124074	20.00	ng	-0.02
86) Perylene-d12	25.26	264	119216	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	125979	93.81	ng	0.00
7) Phenol-d6	7.40	99	128074	65.25	ng	0.00
23) Nitrobenzene-d5	9.43	82	178682	98.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	107409	154.53	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	514022	102.16	ng	-0.01
78) Terphenyl-d14	20.19	244	565540	106.33	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.59	79	2488	2.01	ng	# 38
18) Hexachloroethane	9.37	117	7745	12.52	ng	# 1
35) Caprolactam	12.07	113	1604	2.45	ng	# 47
37) 2-Methylnaphthalene	12.72	142	17846	4.12	ng	98
49) Dimethylphthalate	14.31	163	16123	2.92	ng	# 96

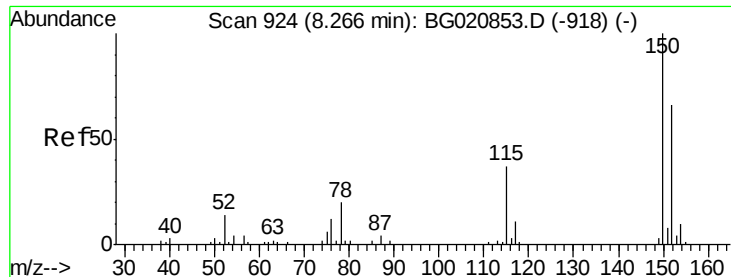
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

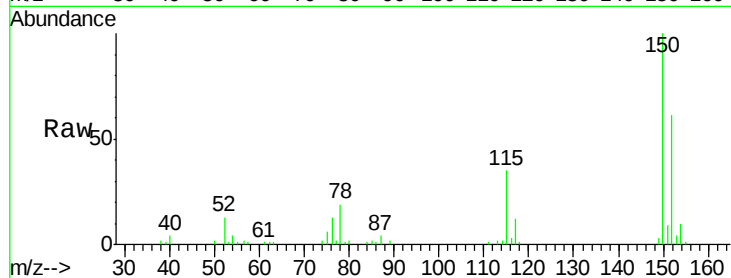
Tgt Ion:152 Resp: 22616

Ion Ratio Lower Upper

152 100

150 164.5 122.0 183.0

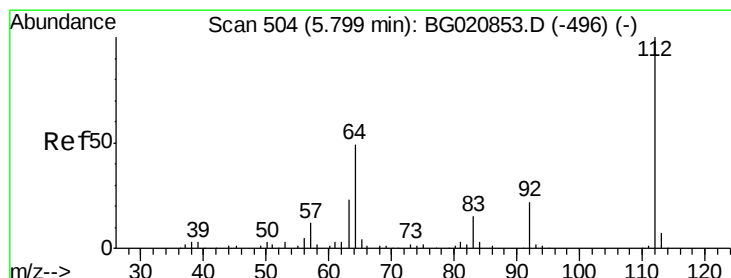
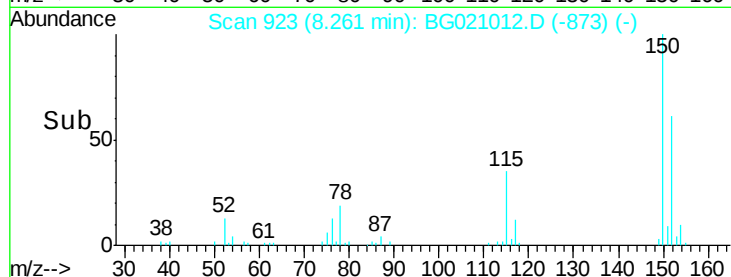
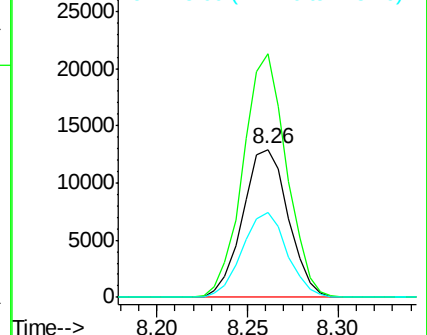
115 57.1 45.2 67.8



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: 93.81 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

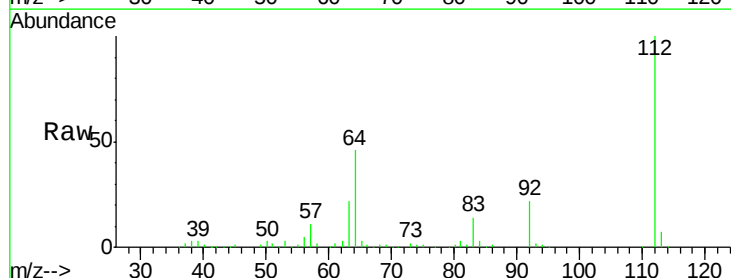
Tgt Ion:112 Resp: 125979

Ion Ratio Lower Upper

112 100

64 45.8 39.3 58.9

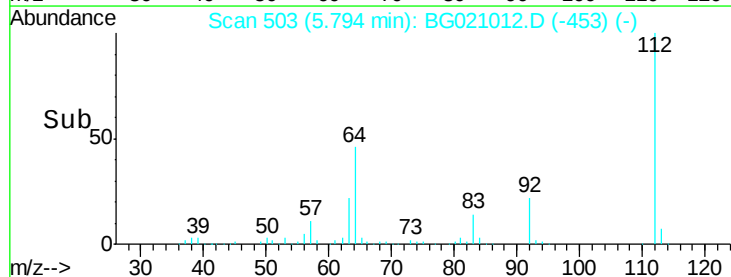
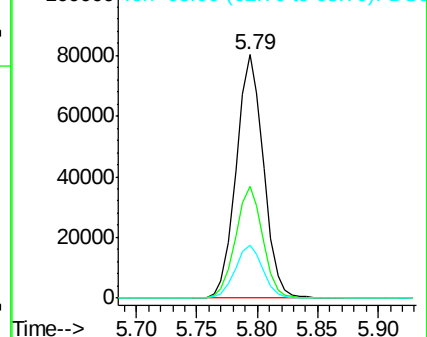
63 22.0 18.2 27.4

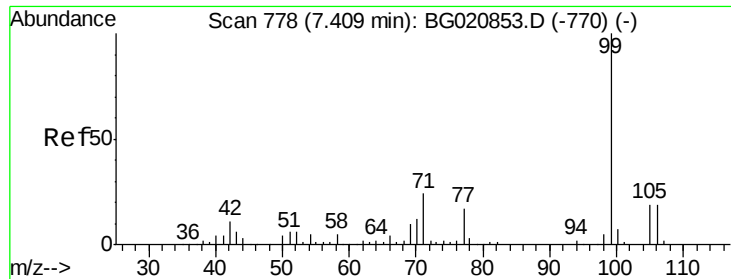


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 65.25 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

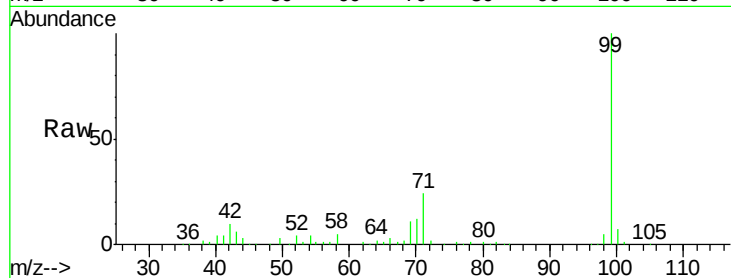
Tgt Ion: 99 Resp: 128074

Ion Ratio Lower Upper

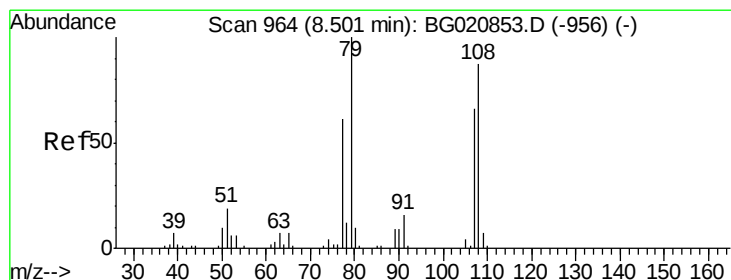
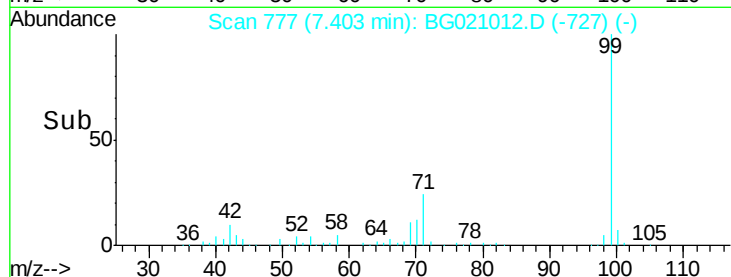
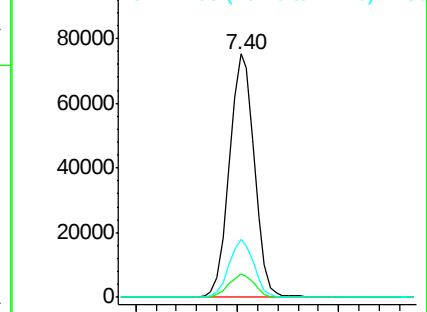
99 100

42 9.6 8.4 12.6

71 23.9 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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.09 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

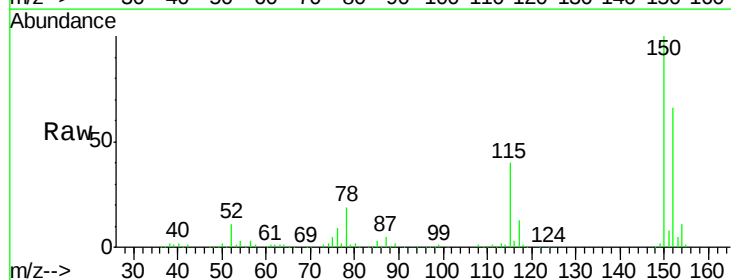
Tgt Ion: 79 Resp: 2488

Ion Ratio Lower Upper

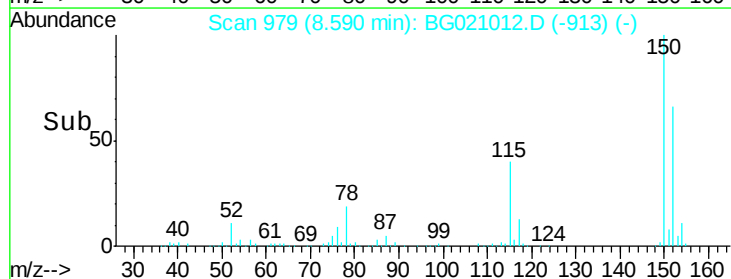
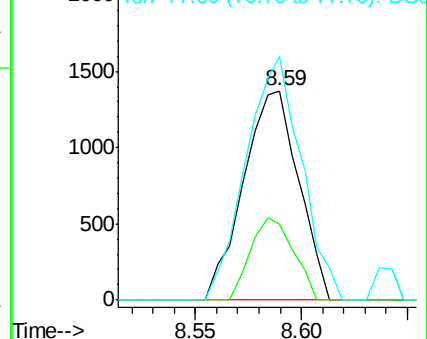
79 100

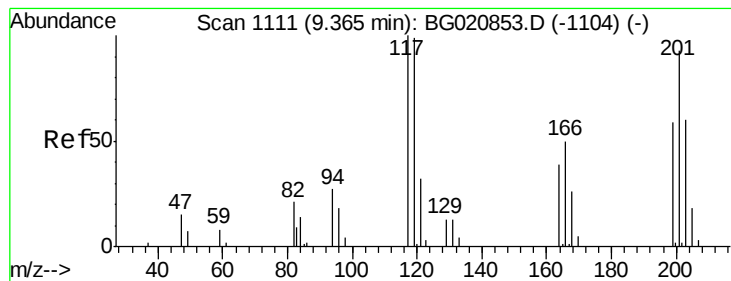
108 36.2 69.4 104.2#

77 116.3 48.6 73.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#18

Hexachloroethane

Concen: 12.52 ng

RT: 9.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

EGR-B-3

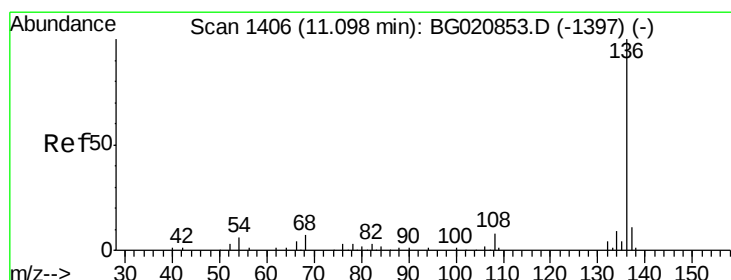
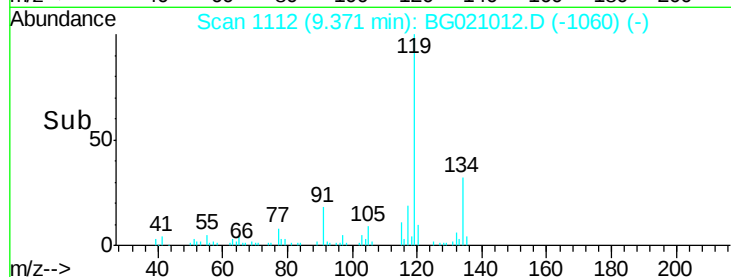
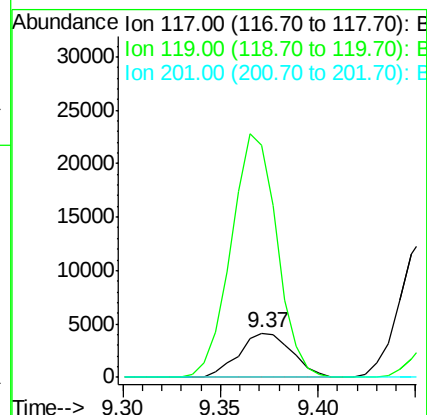
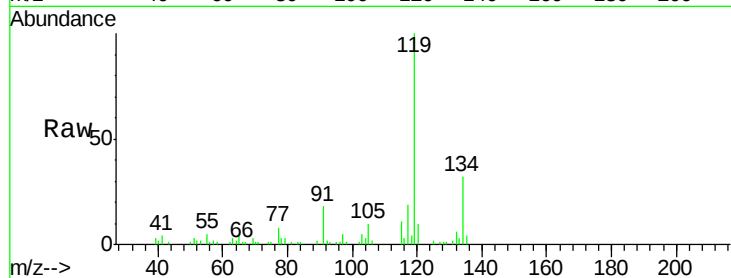
Tgt Ion:117 Resp: 7745

Ion Ratio Lower Upper

117 100

119 523.7 79.6 119.4#

201 0.0 74.5 111.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Tgt Ion:136 Resp: 119240

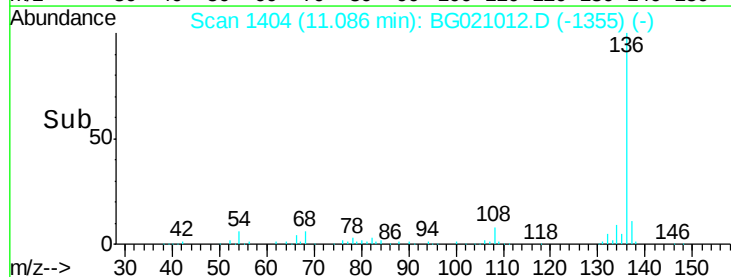
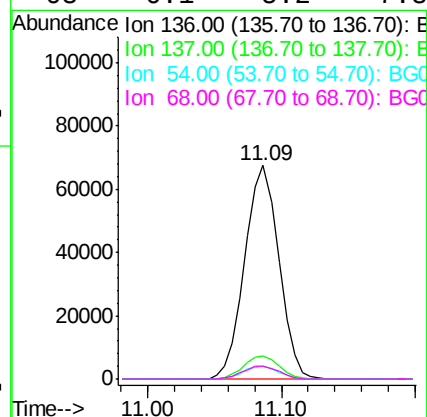
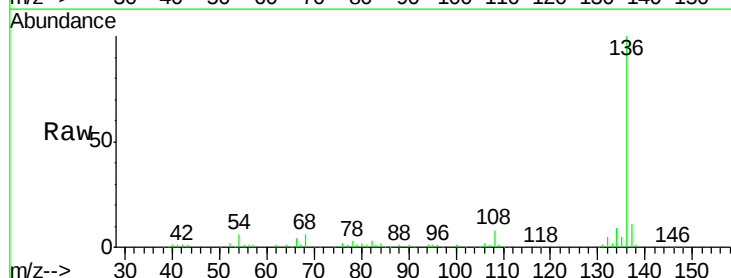
Ion Ratio Lower Upper

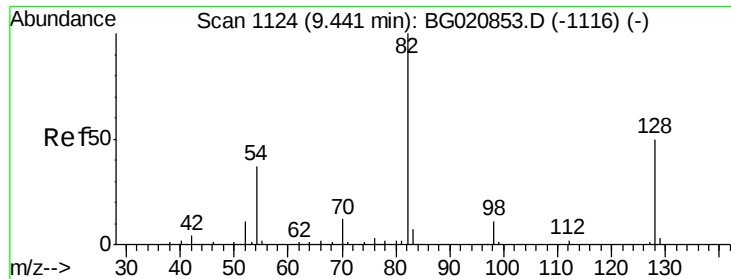
136 100

137 10.8 8.8 13.2

54 5.9 5.0 7.4

68 6.1 5.2 7.8

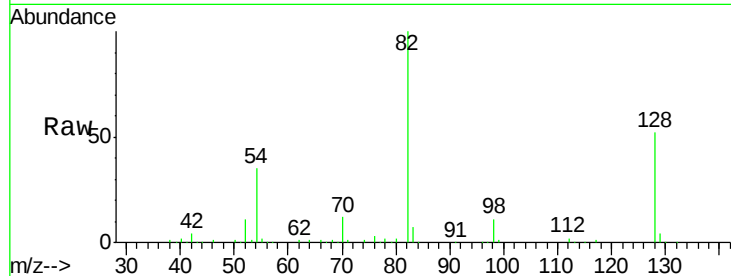




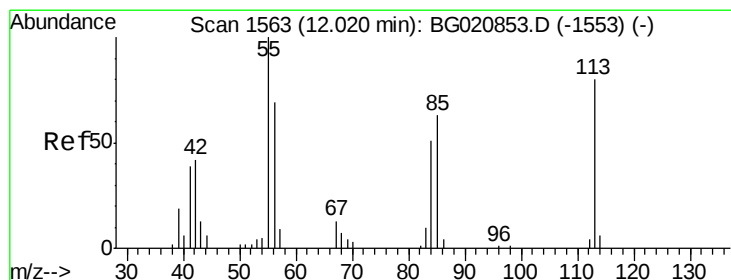
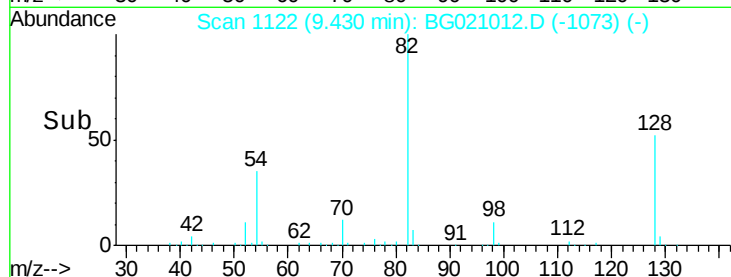
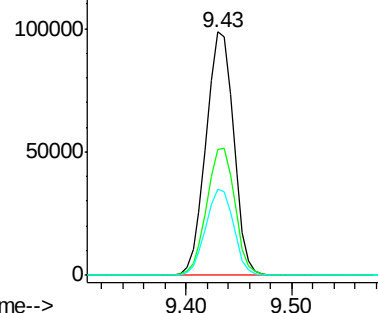
#23
 Nitrobenzene-d5
 Concen: 98.53 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG021012.D
 Acq: 20 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampled :
 EGR-B-3

Tgt Ion: 82 Resp: 178682
 Ion Ratio Lower Upper
 82 100
 128 51.6 40.1 60.1
 54 35.2 29.5 44.3

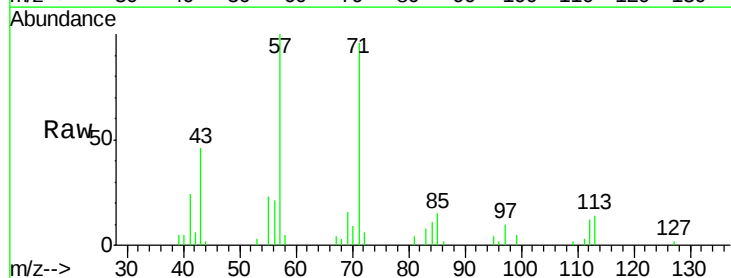


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

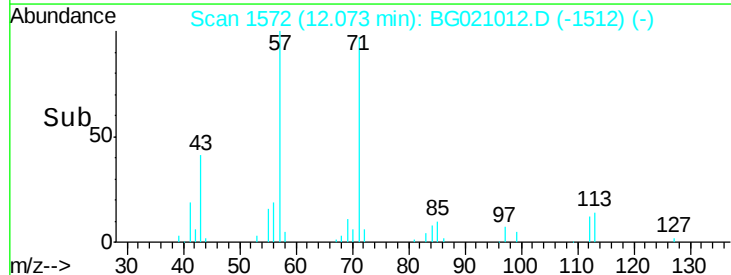
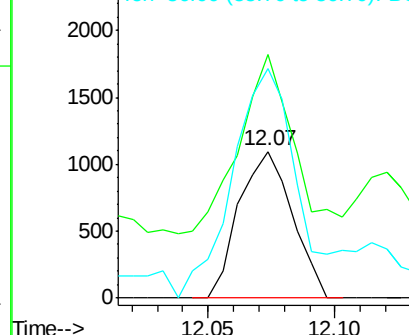


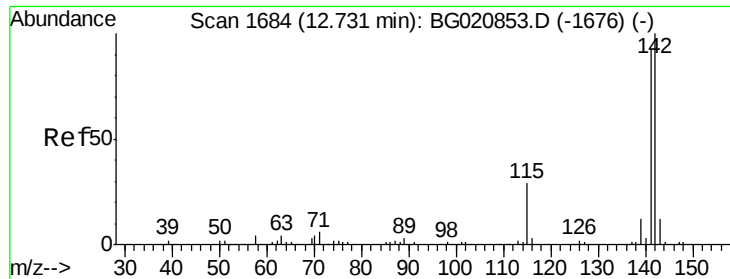
#35
 Caprolactam
 Concen: 2.45 ng
 RT: 12.07 min Scan# 1572
 Delta R.T. 0.05 min
 Lab File: BG021012.D
 Acq: 20 Feb 2016 17:12

Tgt Ion: 113 Resp: 1604
 Ion Ratio Lower Upper
 113 100
 55 165.8 104.4 144.4#
 56 155.8 65.4 105.4#



Abundance Ion 113.00 (112.70 to 113.70): BGC
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

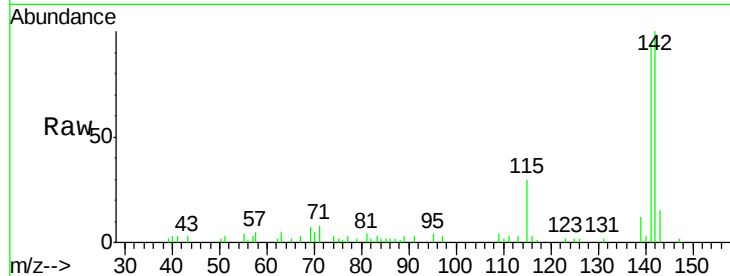




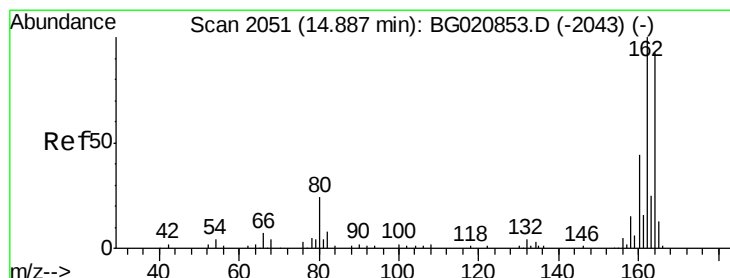
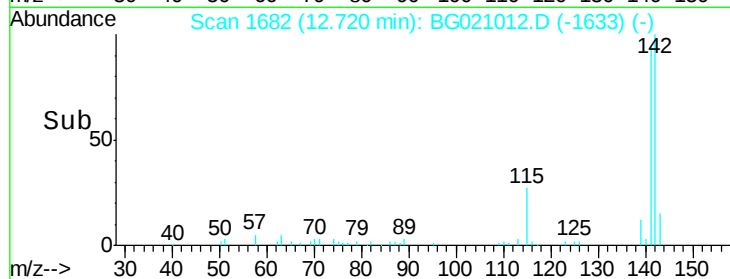
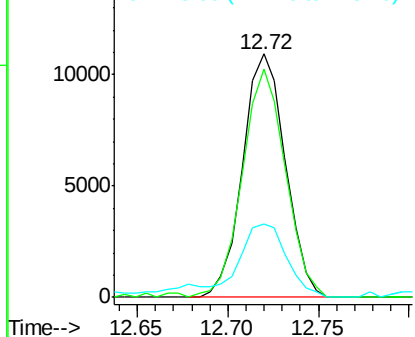
#37
2-Methylnaphthalene
Concen: 4.12 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampled :
EGR-B-3

Tgt Ion:142 Resp: 17846
Ion Ratio Lower Upper
142 100
141 93.8 73.4 110.2
115 30.1 23.0 34.6

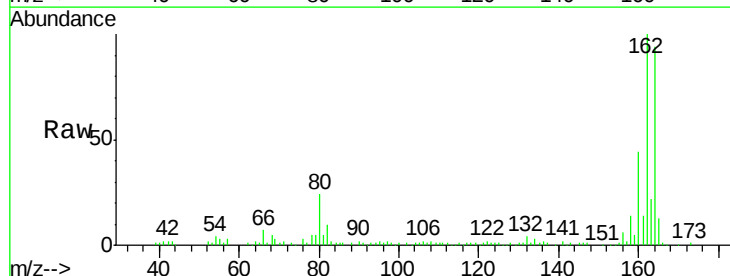


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

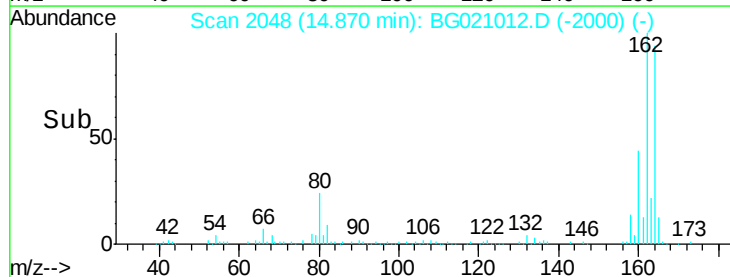
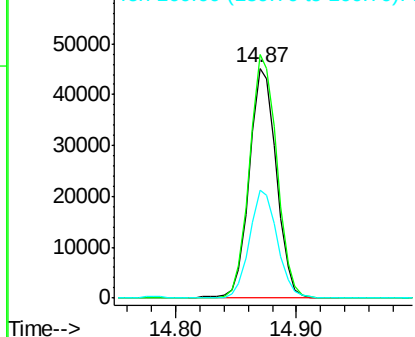


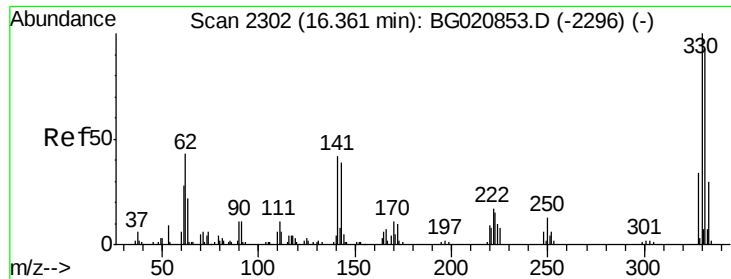
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:164 Resp: 70680
Ion Ratio Lower Upper
164 100
162 106.1 85.7 128.5
160 46.9 37.4 56.0



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

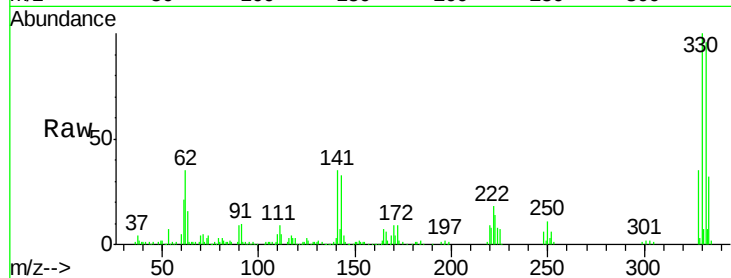




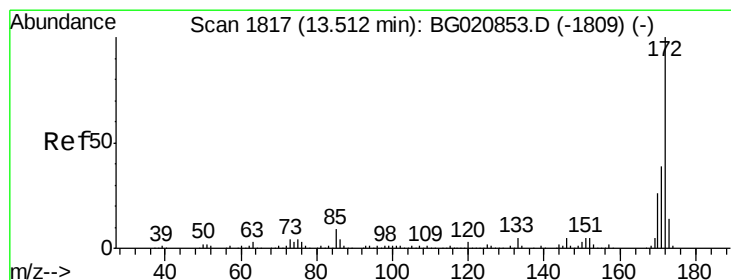
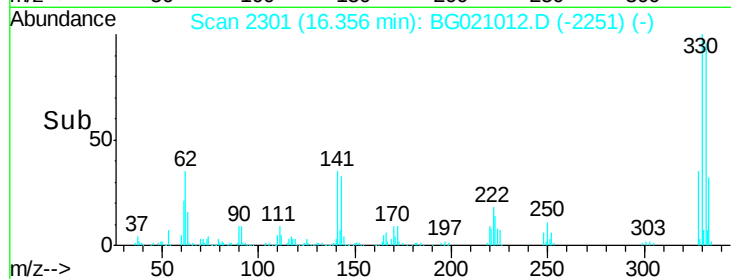
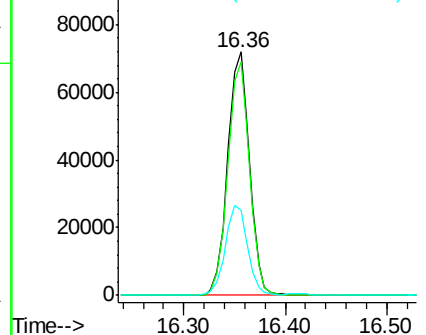
#41
 2,4,6-Tribromophenol
 Concen: 154.53 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG021012.D
 Acq: 20 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :
 EGR-B-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	37.1	32.0	48.0

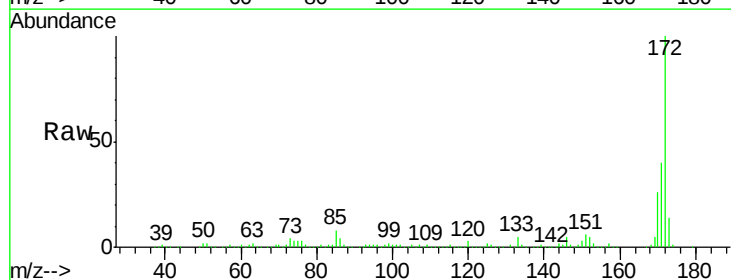


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

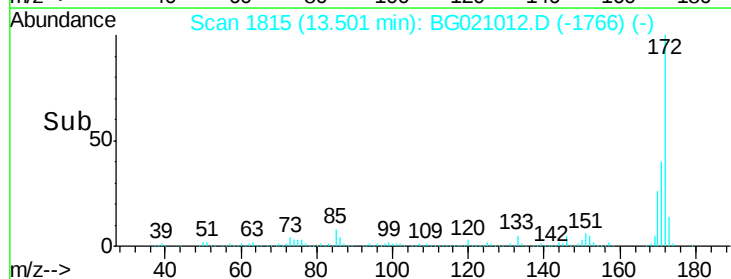
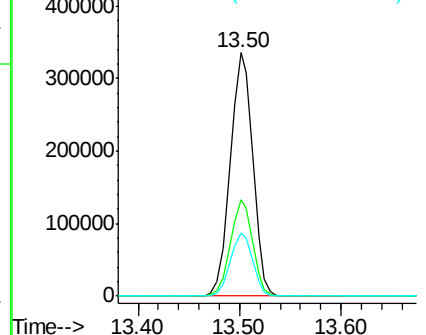


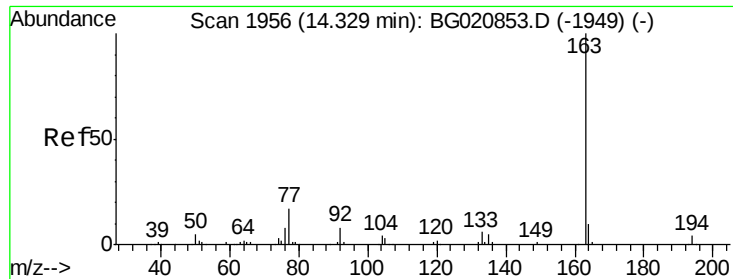
#44
 2-Fluorobiphenyl
 Concen: 102.16 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG021012.D
 Acq: 20 Feb 2016 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.2	46.8
170	26.0	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





#49

Dimethylphthalate

Concen: 2.92 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Instrument :

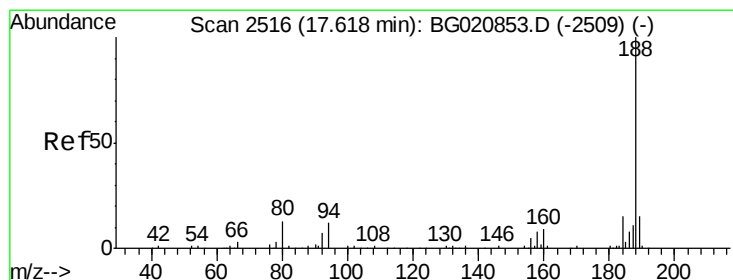
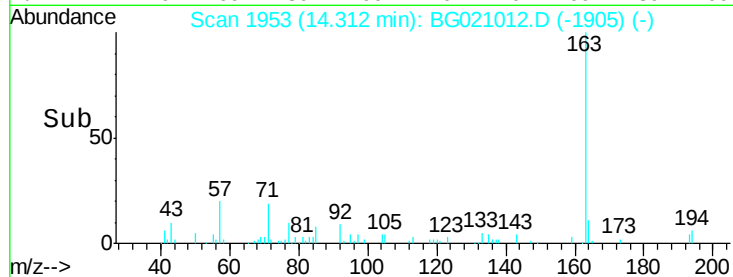
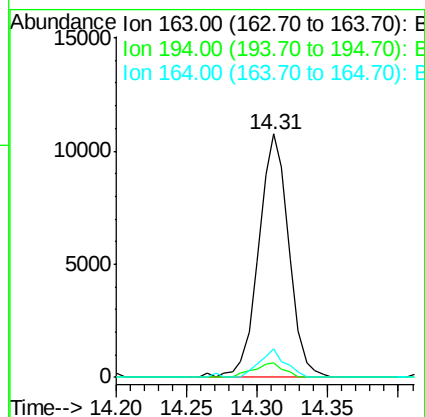
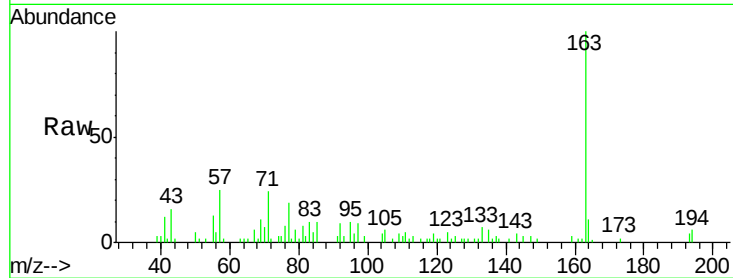
BNA_G

ClientSampleId :

EGR-B-3

Tgt Ion:163 Resp: 16123

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.1	4.7#
164	11.5	8.3	12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

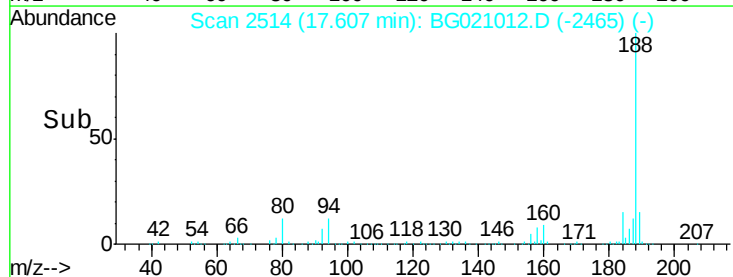
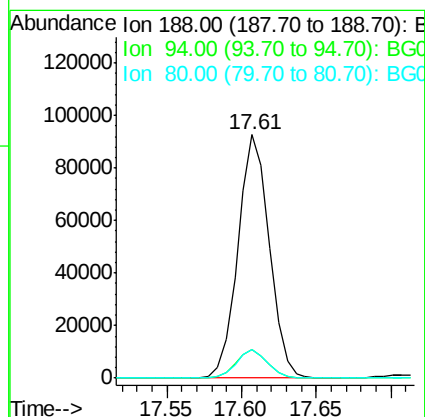
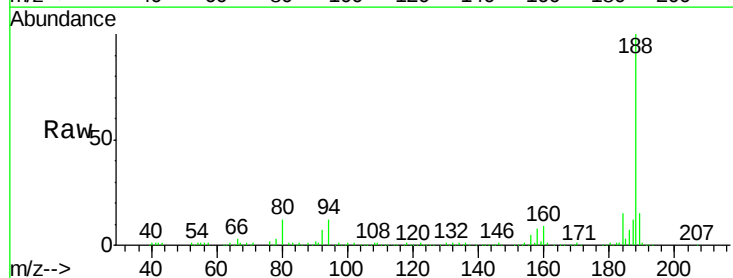
Delta R.T. -0.01 min

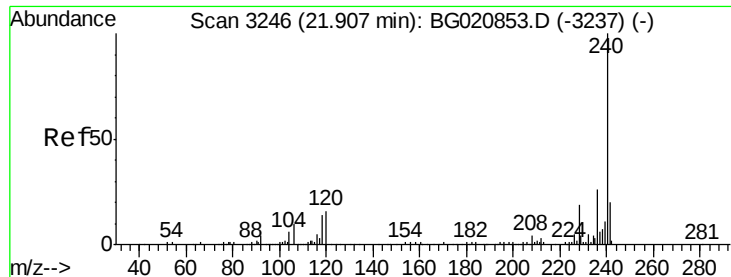
Lab File: BG021012.D

Acq: 20 Feb 2016 17:12

Tgt Ion:188 Resp: 134836

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.0
80	11.7	10.2	15.4

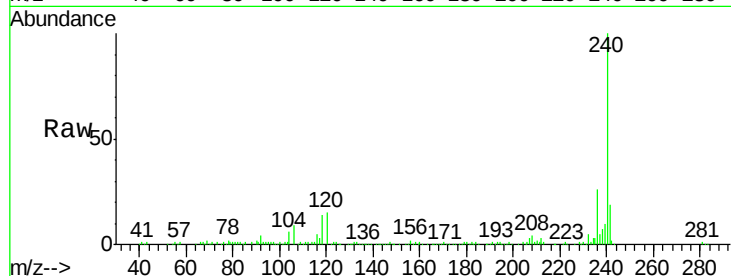




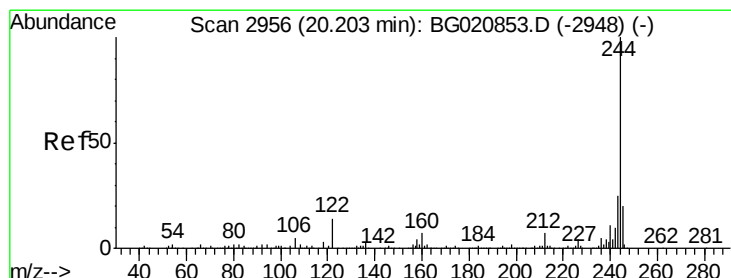
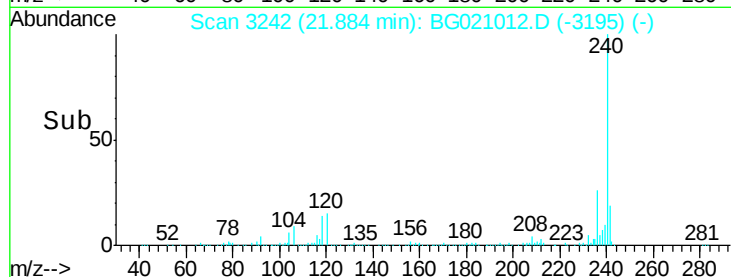
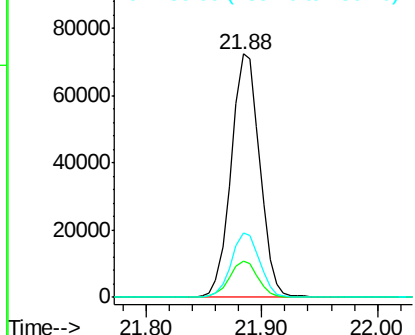
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:240 Resp: 124074
Ion Ratio Lower Upper
240 100
120 15.1 13.0 19.4
236 26.2 21.0 31.4

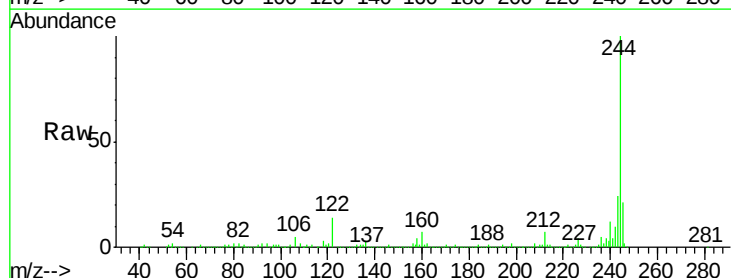


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

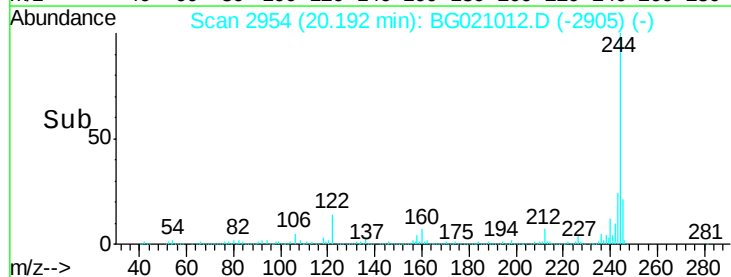
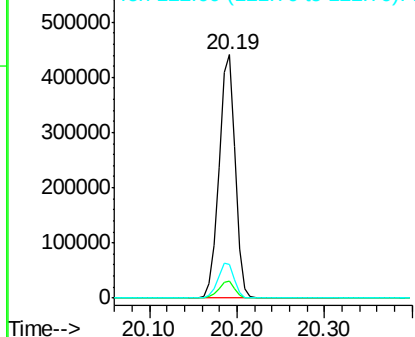


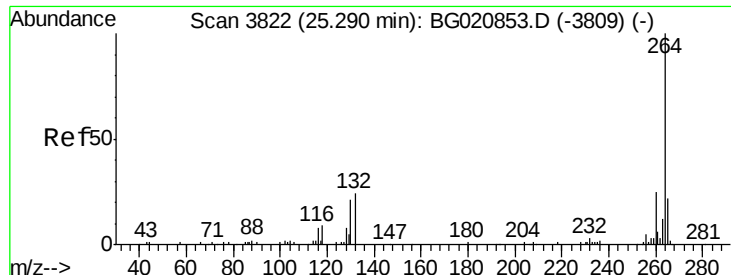
#78
Terphenyl-d14
Concen: 106.33 ng
RT: 20.19 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:244 Resp: 565540
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 13.9 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

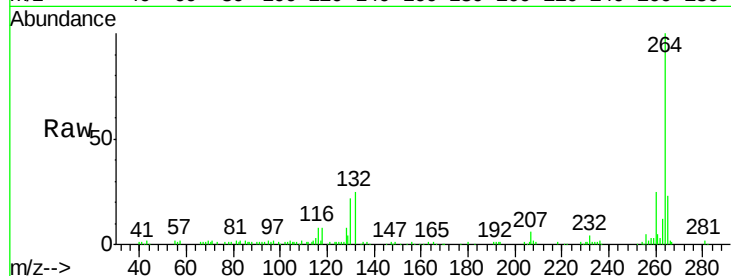




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.03 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion: 264 Resp: 119216
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 22.9 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

