

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG021003.D
 Acq On : 20 Feb 2016 11:19
 Operator : SJ/UM
 Sample : H1507-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-17

Quant Time: Feb 21 23:50:44 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

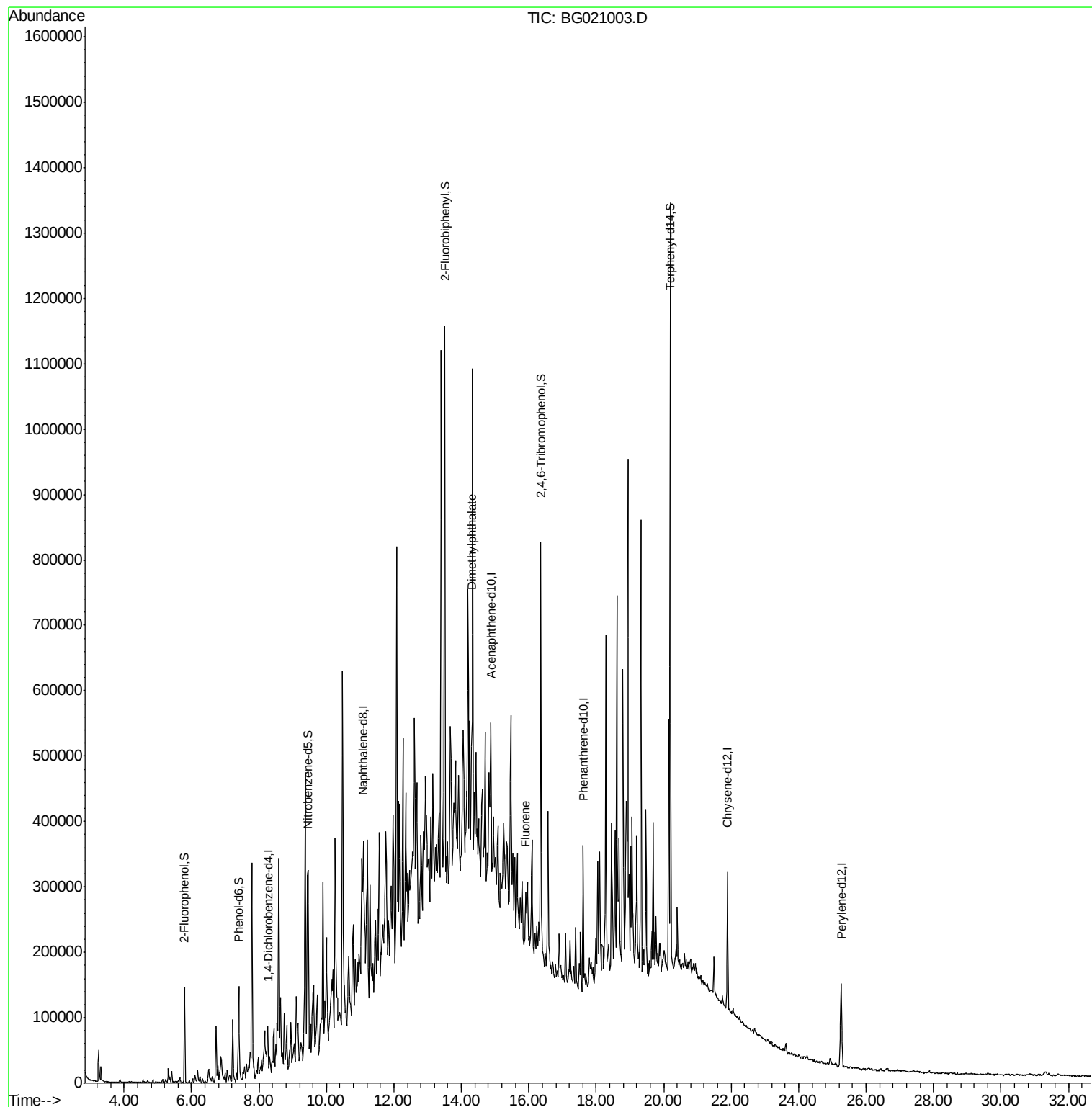
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	22261	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	113667	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	65972	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	125802	20.00	ng	0.00
75) Chrysene-d12	21.89	240	119256	20.00	ng	-0.02
86) Perylene-d12	25.26	264	116677	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	81486	61.64	ng	0.00
7) Phenol-d6	7.40	99	74809	38.72	ng	0.00
23) Nitrobenzene-d5	9.44	82	162511	94.00	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	103202	159.07	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	450113	95.84	ng	0.00
78) Terphenyl-d14	20.19	244	478321	93.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.32	163	33539	6.50	ng	# 88
57) Fluorene	15.91	166	15593	2.91	ng	# 88

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

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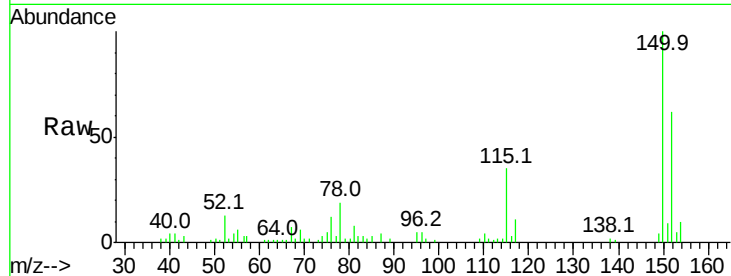


#1

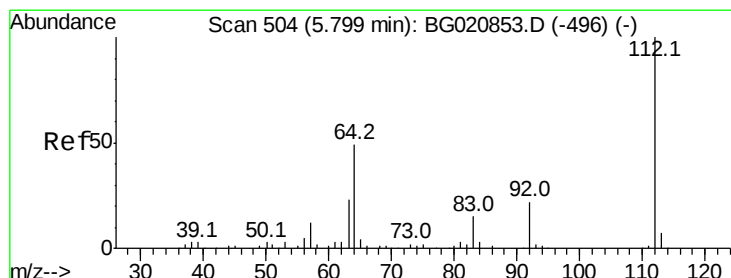
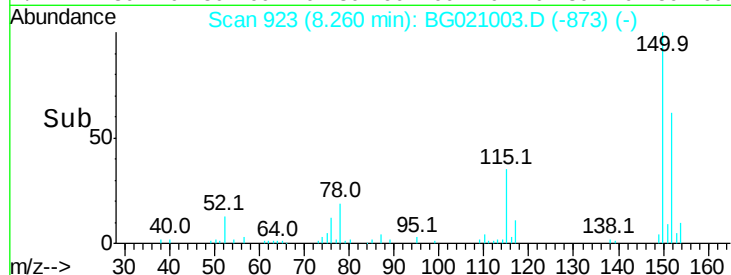
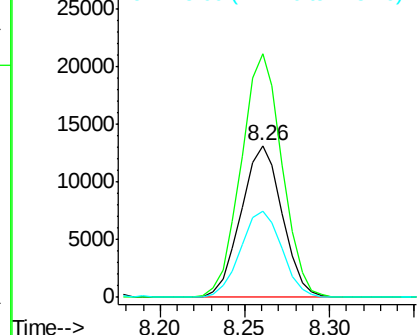
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Instrument :
BNA_G
ClientSampleId :
HW-17

Tot Ion:152 Resp: 22261
Ion Ratio Lower Upper
152 100
150 160.3 122.0 183.0
115 56.9 45.2 67.8



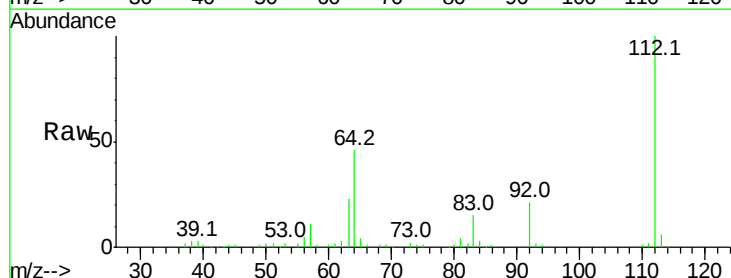
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



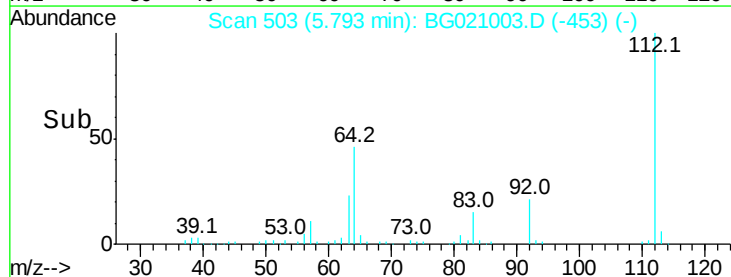
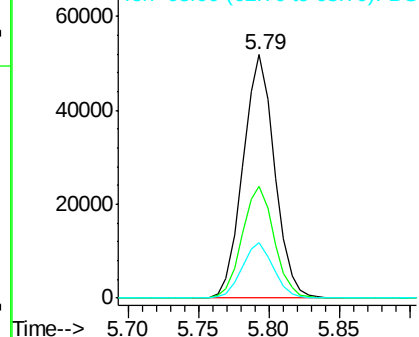
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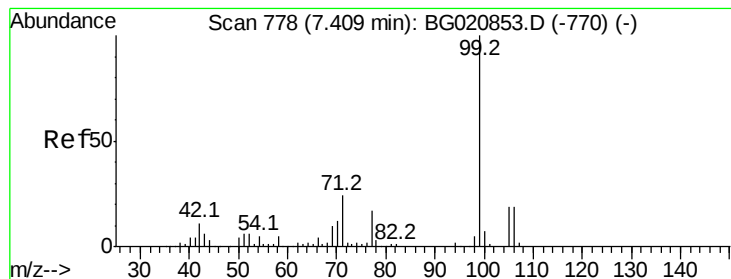
2-Fluorophenol
Concen: 61.64 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion:112 Resp: 81486
Ion Ratio Lower Upper
112 100
64 45.9 39.3 58.9
63 22.8 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: 38.72 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

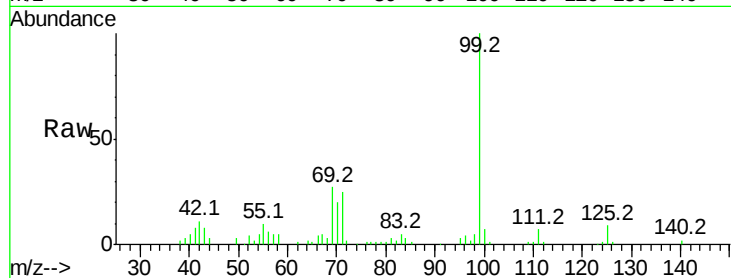
Tot Ion: 99 Resp: 74809

Ion Ratio Lower Upper

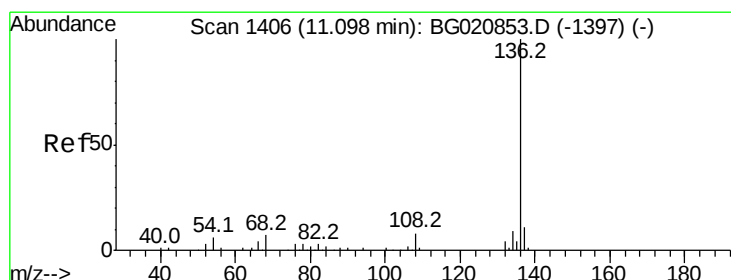
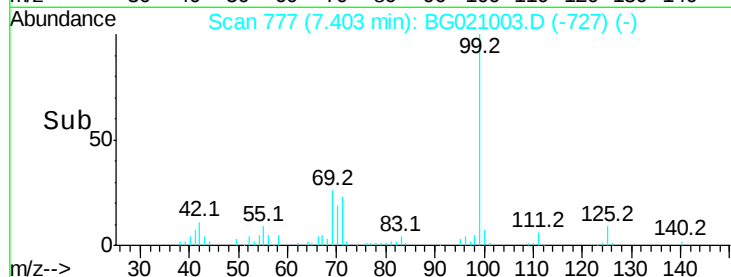
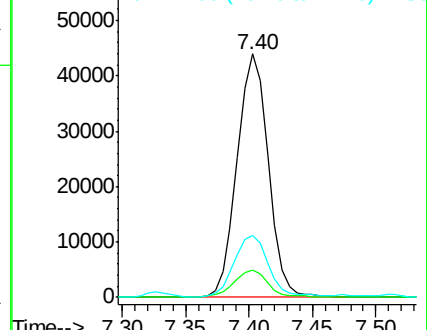
99 100

42 11.2 8.4 12.6

71 25.2 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: BG021003.D

Acq: 20 Feb 2016 11:19

Tgt Ion:136 Resp: 113667

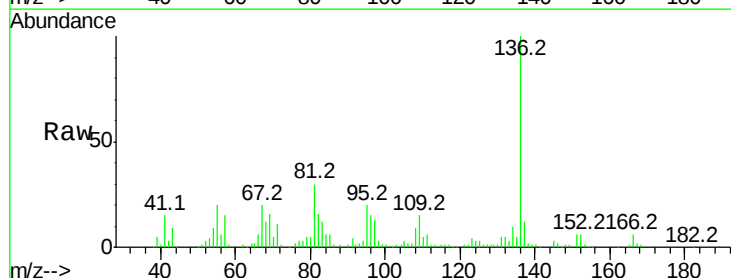
Ion Ratio Lower Upper

136 100

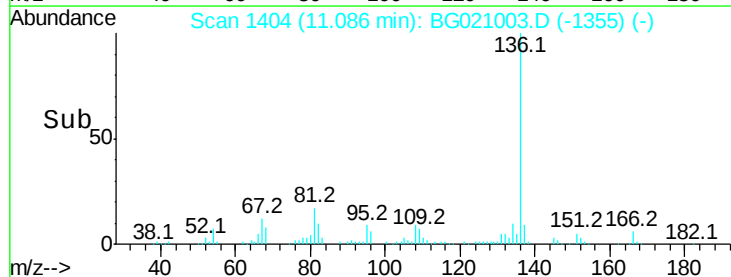
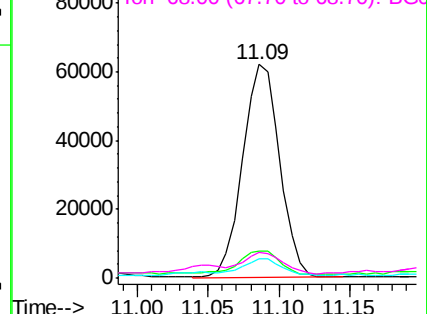
137 12.3 8.8 13.2

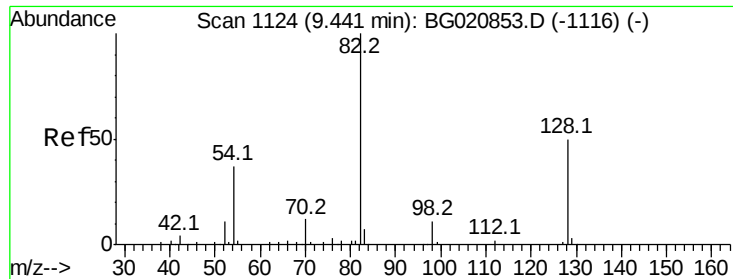
54 8.9 5.0 7.4#

68 11.7 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

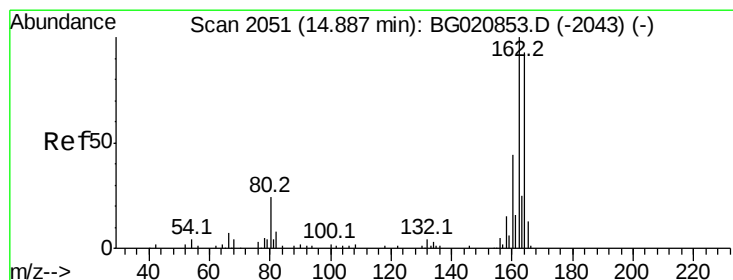
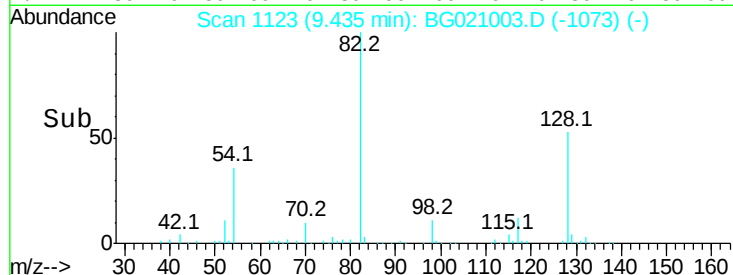
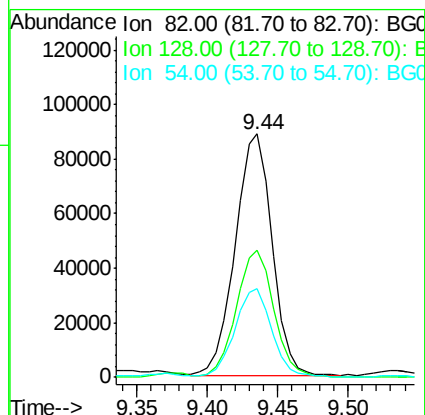
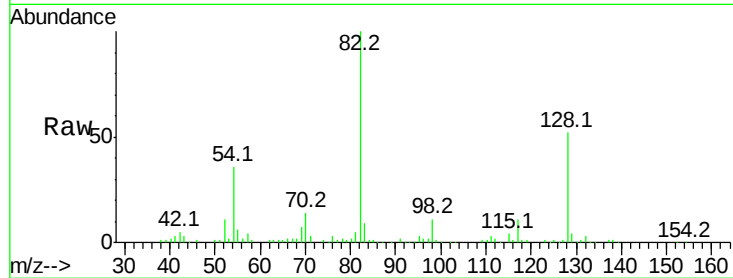




#23
Nitrobenzene-d5
Concen: 94.00 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

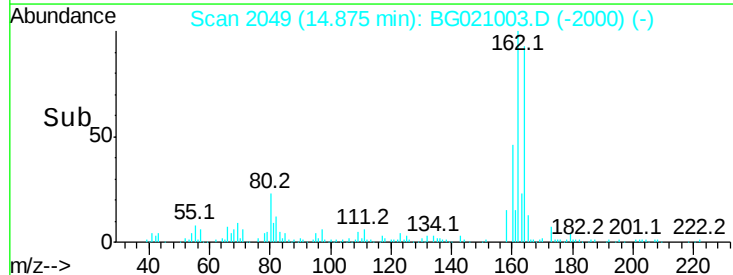
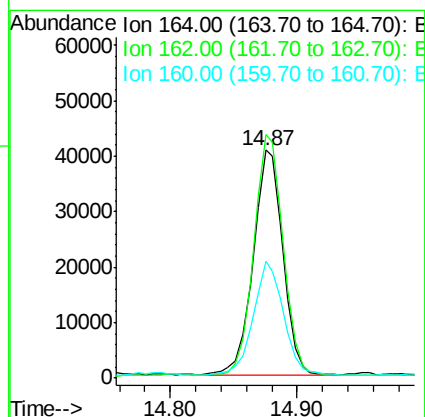
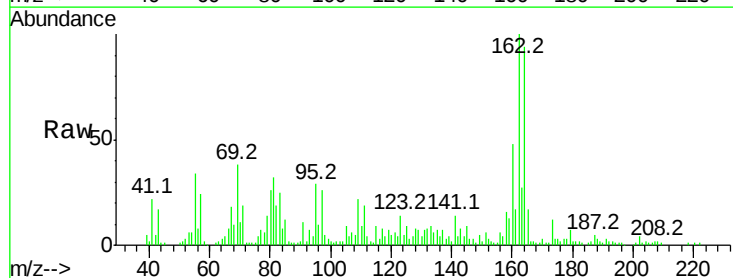
Instrument :
BNA_G
ClientSampleId :
HW-17

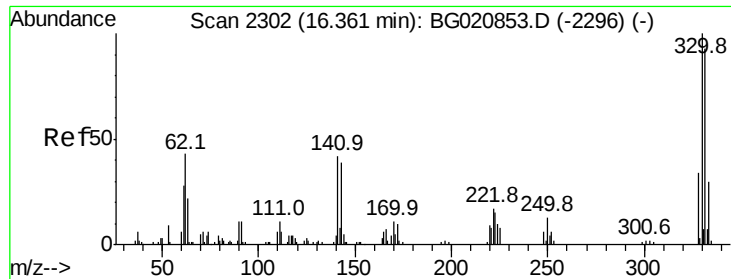
Tot Ion	82	Resp	162511
Ion Ratio	100		
Lower	40.1		
Upper	60.1		
54	36.3	29.5	44.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion	164	Resp	65972
Ion Ratio	100		
Lower	85.7		
Upper	128.5		
162	106.7	37.4	56.0

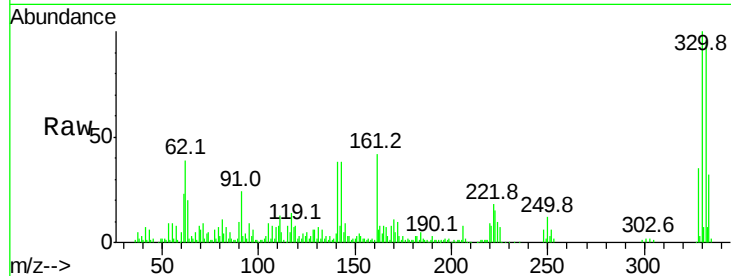




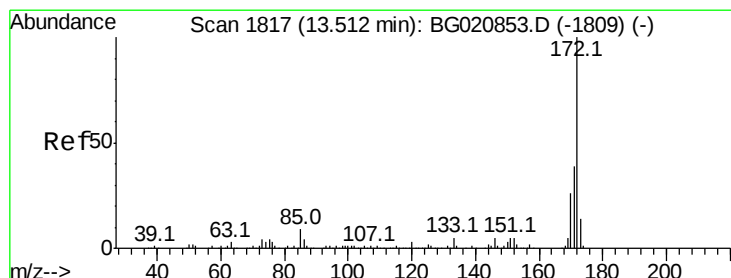
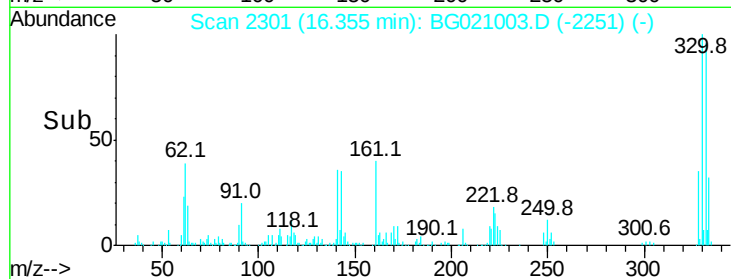
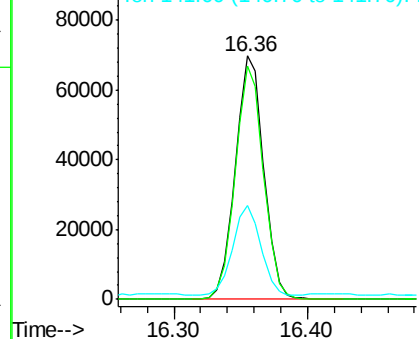
#41
 2,4,6-Tribromophenol
 Concen: 159.07 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG021003.D
 Acq: 20 Feb 2016 11:19

Instrument :
 BNA_G
 ClientSampleId :
 HW-17

Tot Ion:330 Resp: 103202
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.1 114.1
 141 36.6 32.0 48.0

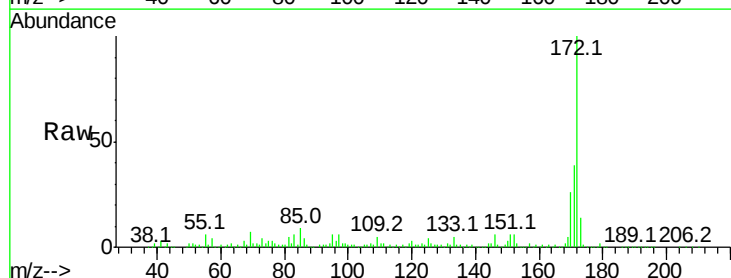


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

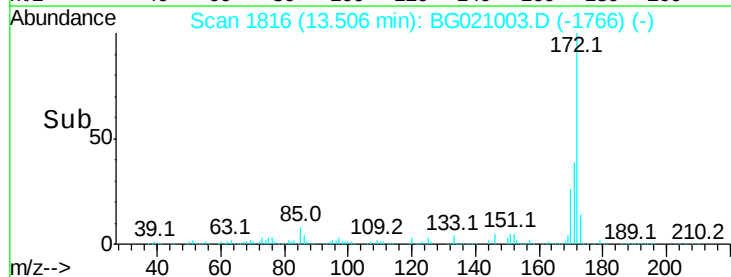
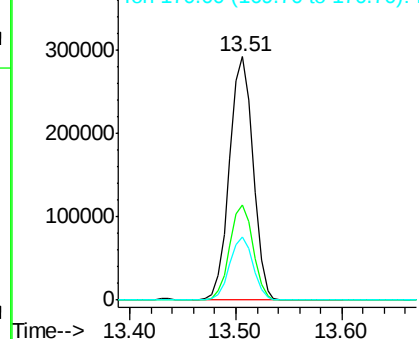


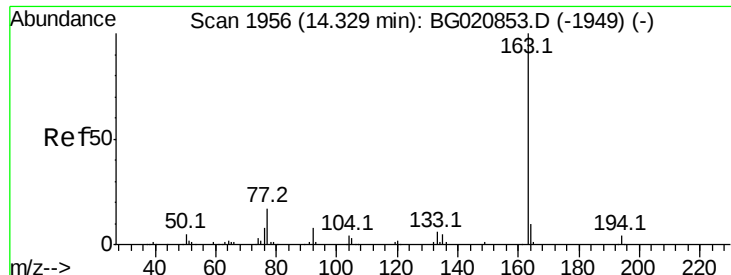
#44
 2-Fluorobiphenyl
 Concen: 95.84 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG021003.D
 Acq: 20 Feb 2016 11:19

Tgt Ion:172 Resp: 450113
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.2 46.8
 170 26.1 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: 6.50 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

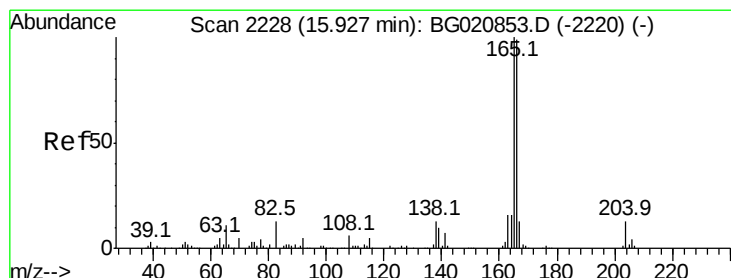
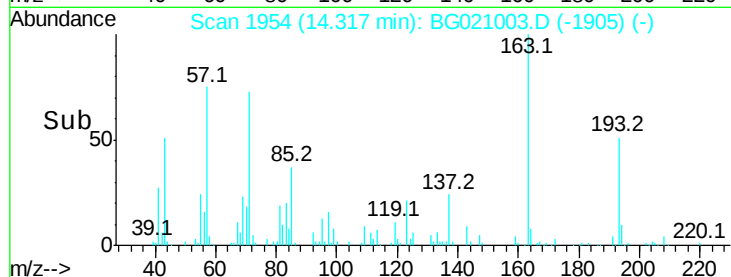
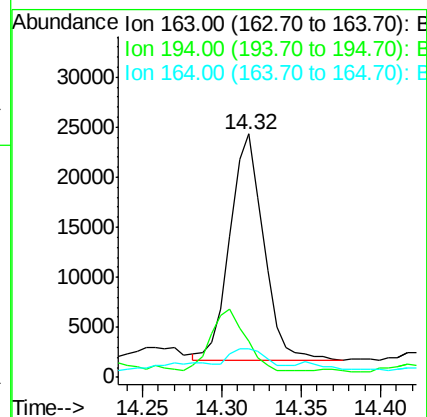
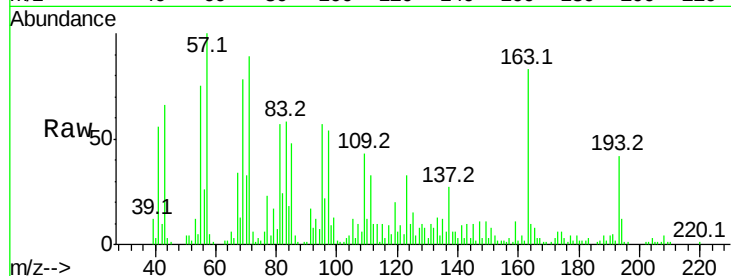
Tot Ion:163 Resp: 33539

Ion Ratio Lower Upper

163 100

194 14.7 3.1 4.7#

164 11.8 8.3 12.5



#57

Fluorene

Concen: 2.91 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

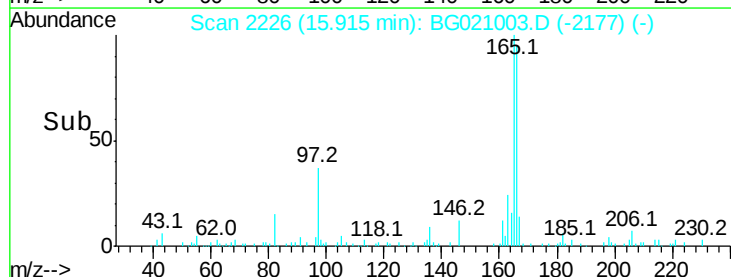
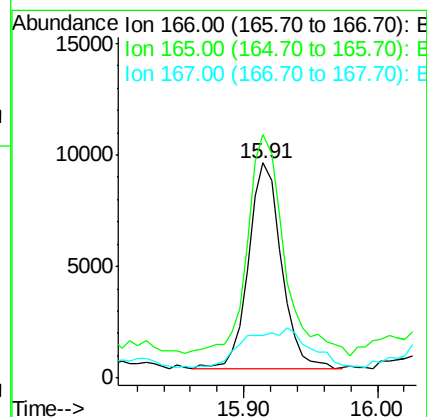
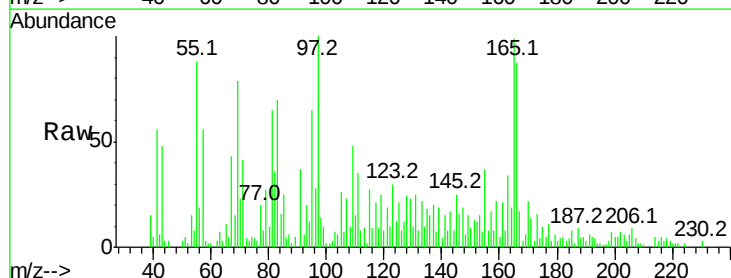
Tgt Ion:166 Resp: 15593

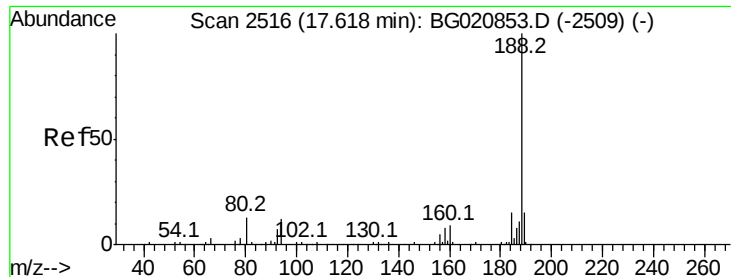
Ion Ratio Lower Upper

166 100

165 113.3 81.0 121.4

167 19.6 10.8 16.2#

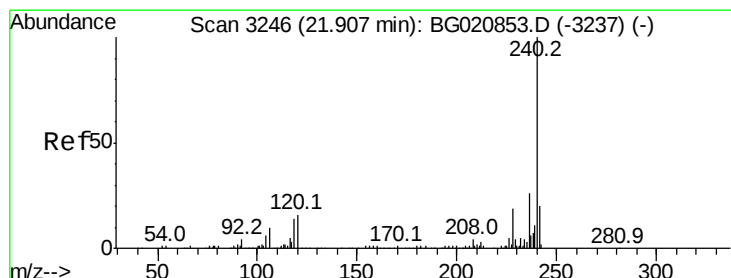
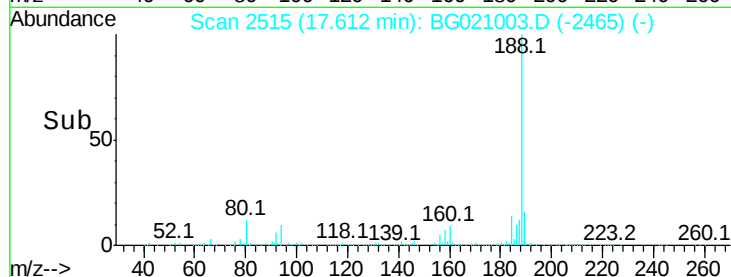
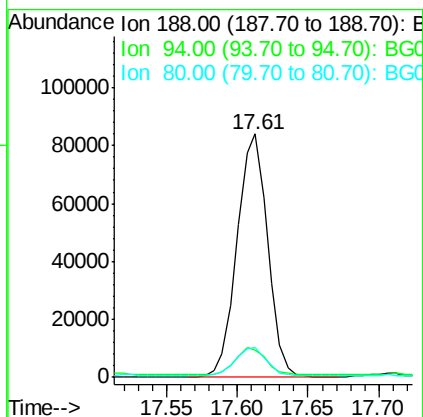
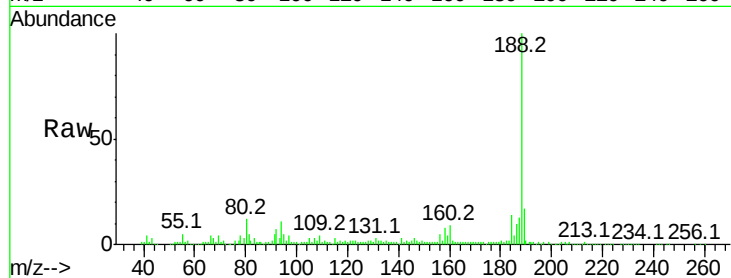




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

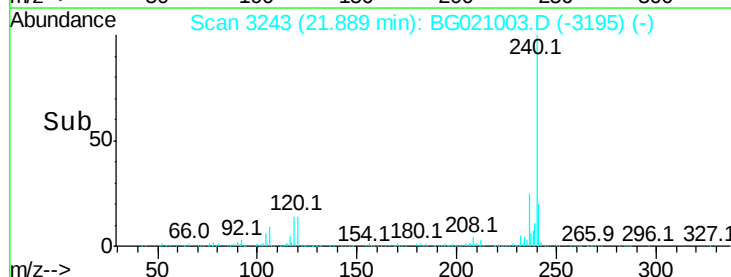
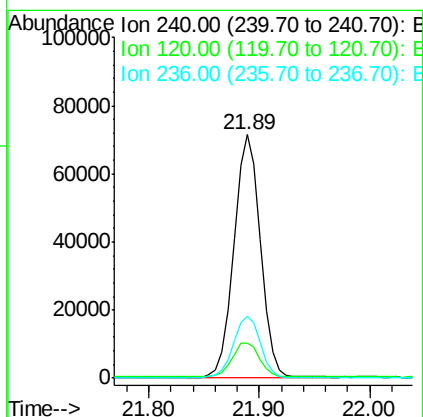
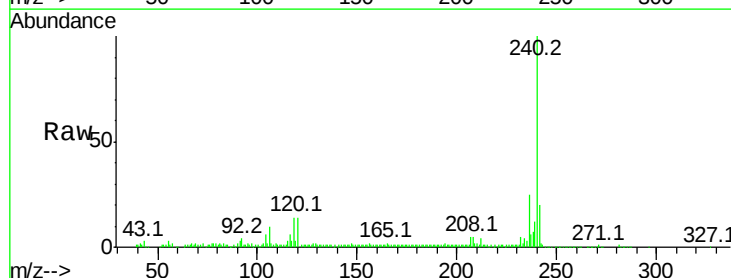
Instrument :
BNA_G
ClientSampled :
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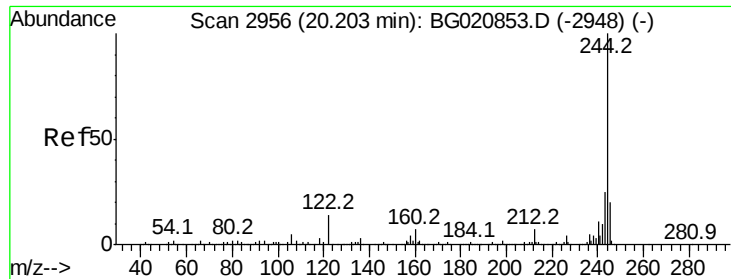
Tot Ion:188 Resp: 125802
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.0
80 12.3 10.2 15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion:240 Resp: 119256
Ion Ratio Lower Upper
240 100
120 14.4 13.0 19.4
236 25.2 21.0 31.4

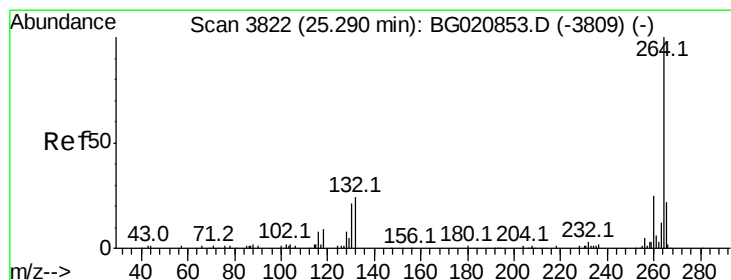
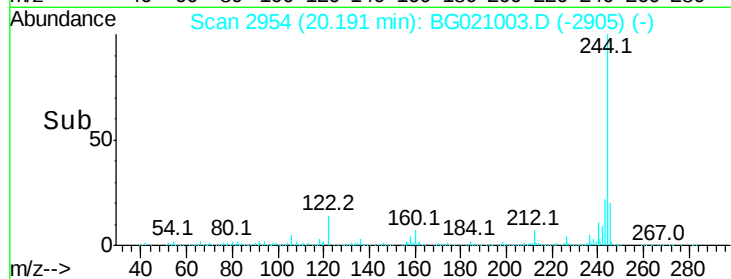
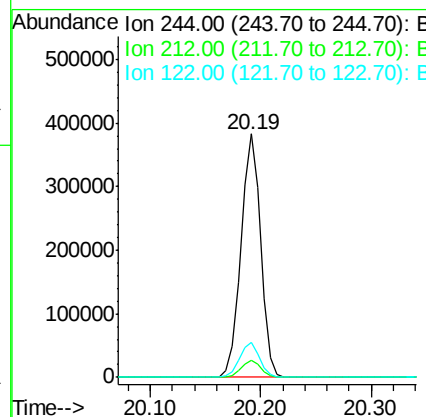
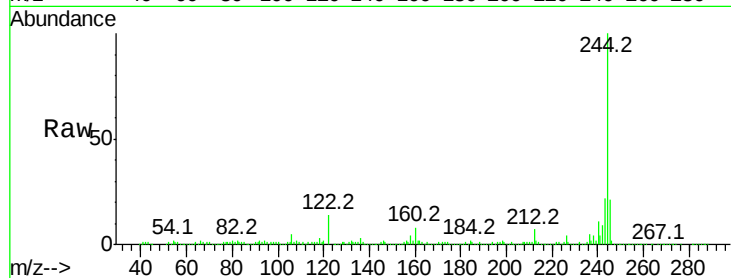




#78
 Terphenyl-d14
 Concen: 93.57 ng
 RT: 20.19 min Scan# 2954
 Delta R.T. -0.01 min
 Lab File: BG021003.D
 Acq: 20 Feb 2016 11:19

Instrument :
 BNA_G
 ClientSampleId :
 HW-17

Tot Ion:244 Resp: 478321
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 14.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.26 min Scan# 3817
 Delta R.T. -0.03 min
 Lab File: BG021003.D
 Acq: 20 Feb 2016 11:19

Tgt Ion:264 Resp: 116677
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 21.0 18.0 27.0

