

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020959.D
 Acq On : 19 Feb 2016 6:17
 Operator : SJ/UM
 Sample : H1453-01 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 07:07:24 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

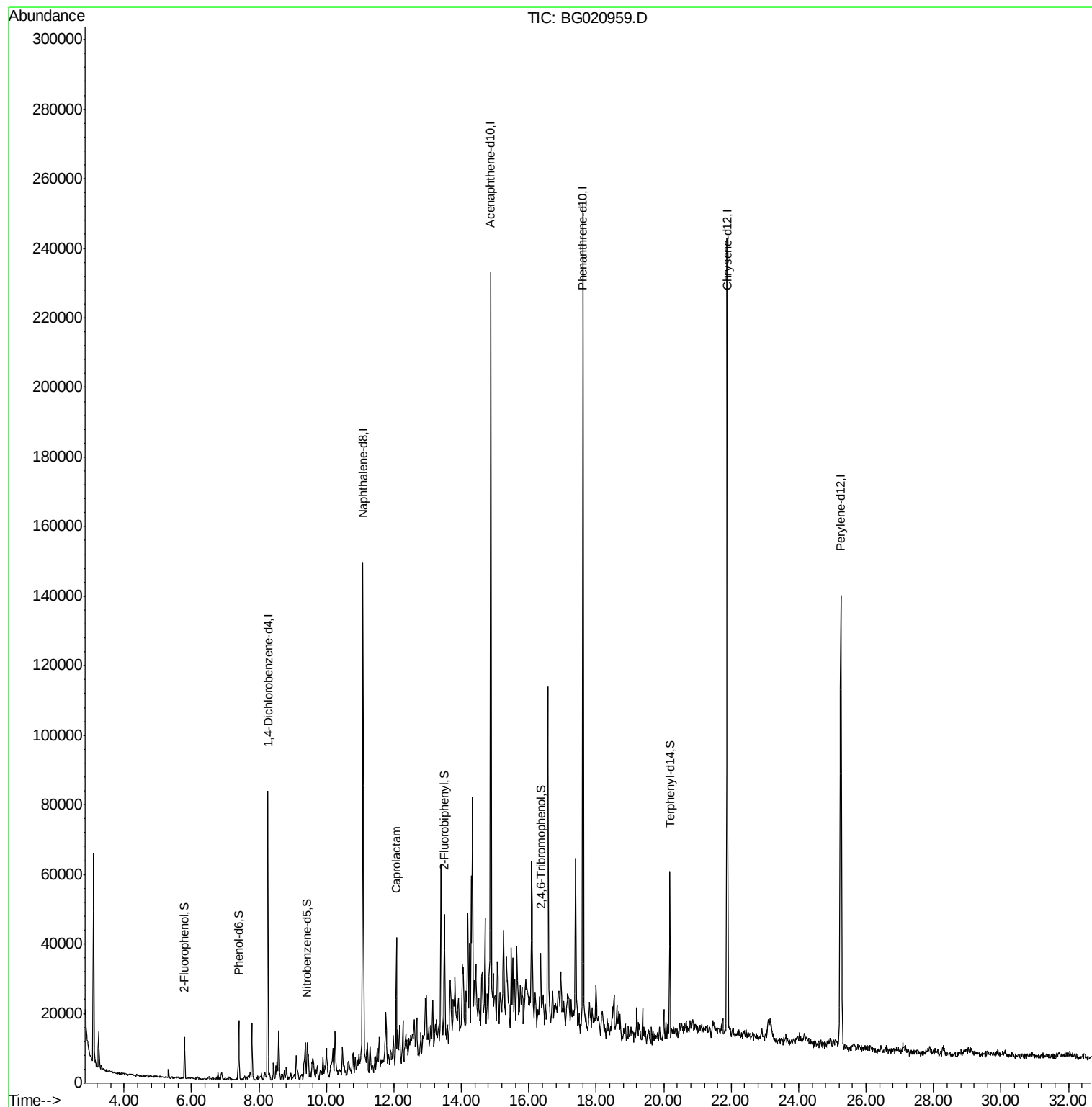
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	26776	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	135338	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	73931	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	138520	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	130321	20.00	ng	-0.02
86) Perylene-d12	25.25	264	125681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	8038	5.06	ng	0.00
7) Phenol-d6	7.40	99	11603	4.99	ng	-0.01
23) Nitrobenzene-d5	9.43	82	7132	3.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	3302	4.54	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	19103	3.63	ng	-0.01
78) Terphenyl-d14	20.18	244	19103	3.42	ng	-0.02
Target Compounds						
35) Caprolactam	12.07	113	1803	2.43	ng	Qvalue # 74

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

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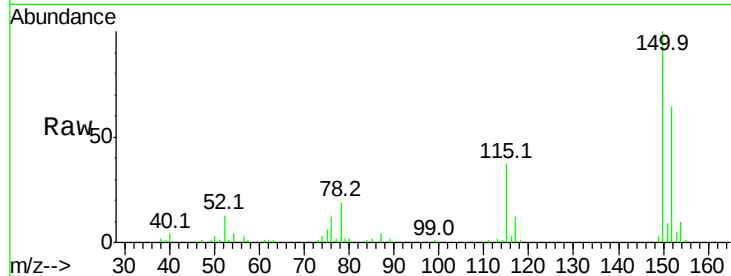


#1

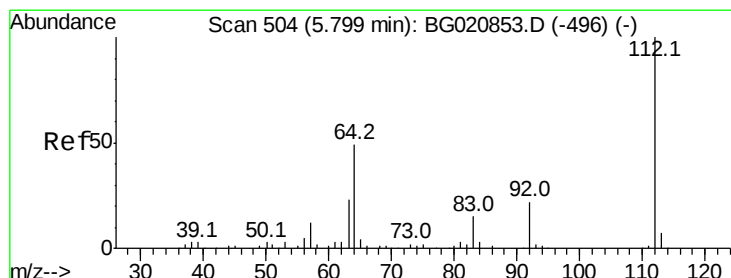
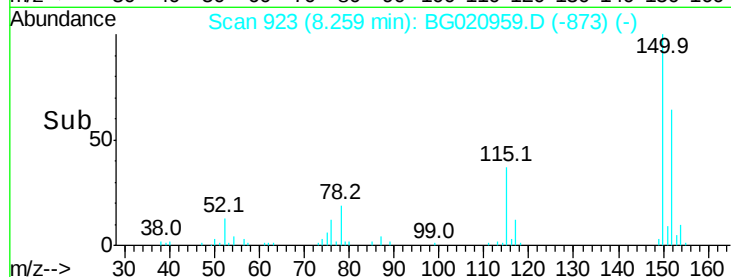
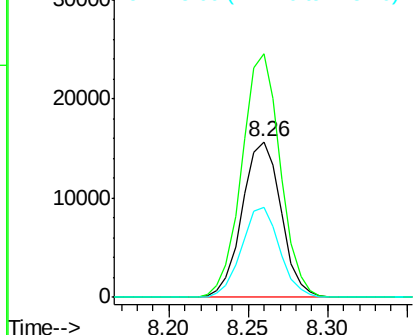
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020959.D
Acq: 19 Feb 2016 6:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26776
Ion Ratio Lower Upper
152 100
150 156.2 122.0 183.0
115 57.5 45.2 67.8



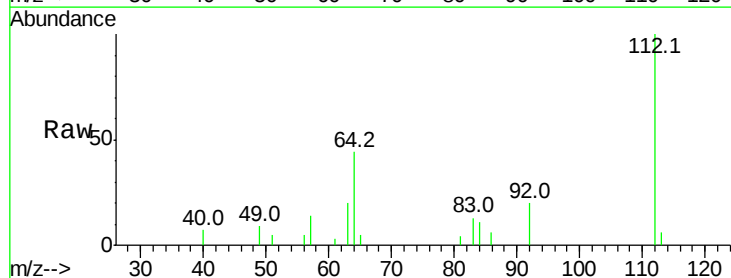
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



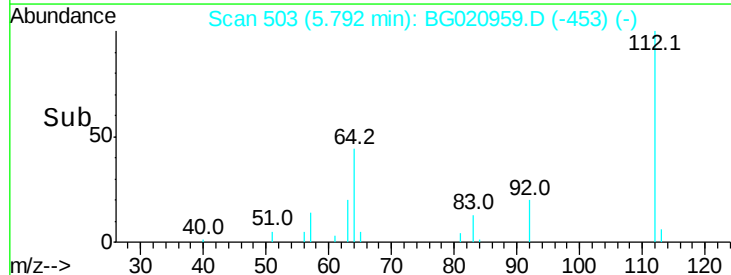
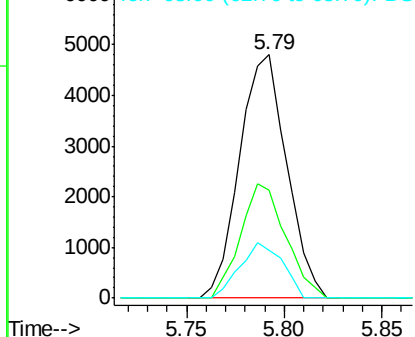
#5

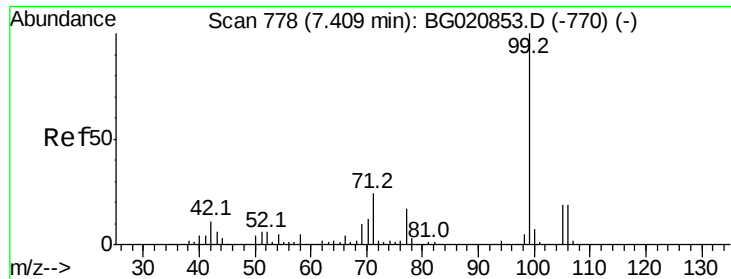
2-Fluorophenol
Concen: 5.06 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020959.D
Acq: 19 Feb 2016 6:17

Tgt Ion:112 Resp: 8038
Ion Ratio Lower Upper
112 100
64 44.4 39.3 58.9
63 19.8 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 4.99 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020959.D

Acq: 19 Feb 2016 6:17

Instrument :

BNA_G

ClientSampleId :

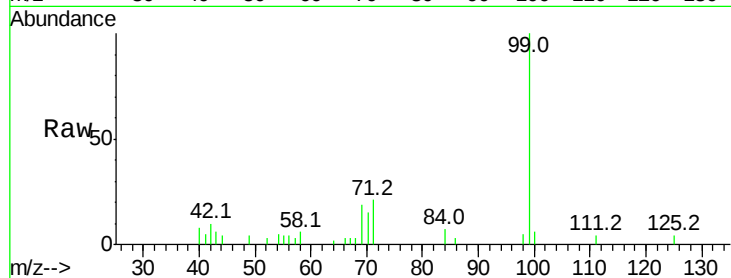
Tot Ion: 99 Resp: 11603

Ion Ratio Lower Upper

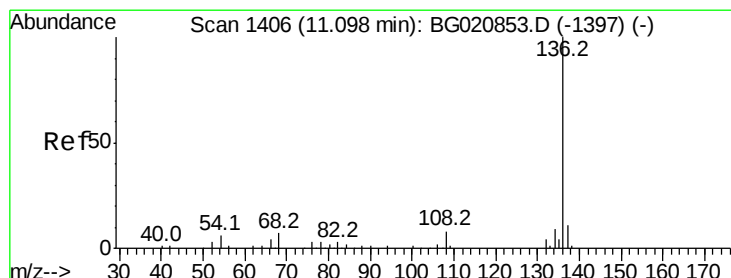
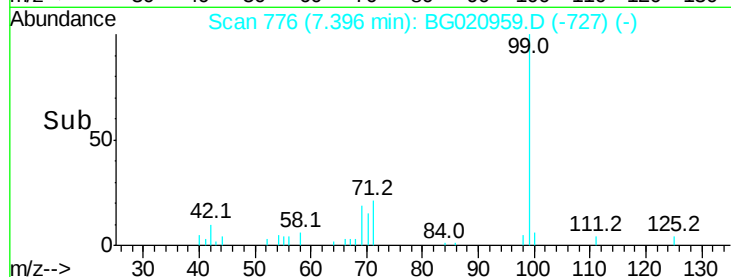
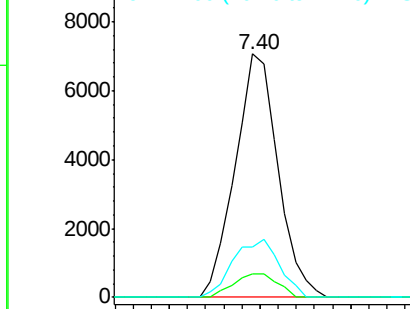
99 100

42 9.7 8.4 12.6

71 20.7 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: BG020959.D

Acq: 19 Feb 2016 6:17

Tgt Ion: 136 Resp: 135338

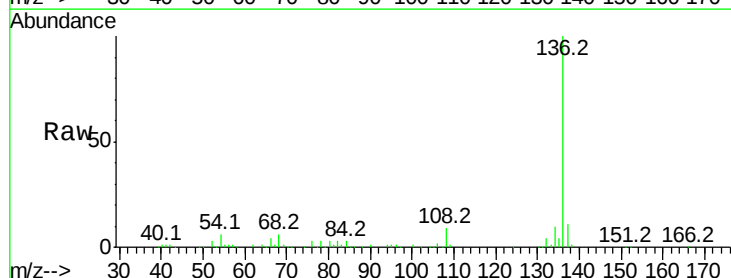
Ion Ratio Lower Upper

136 100

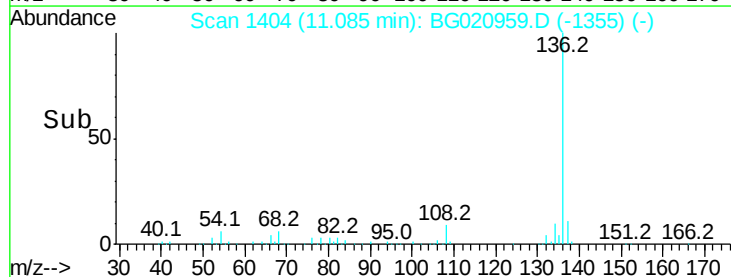
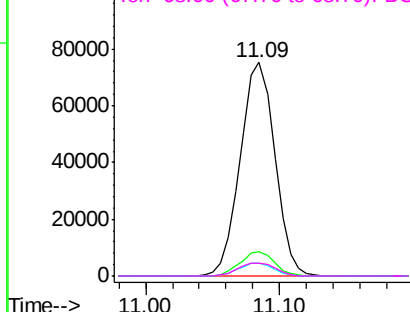
137 11.3 8.8 13.2

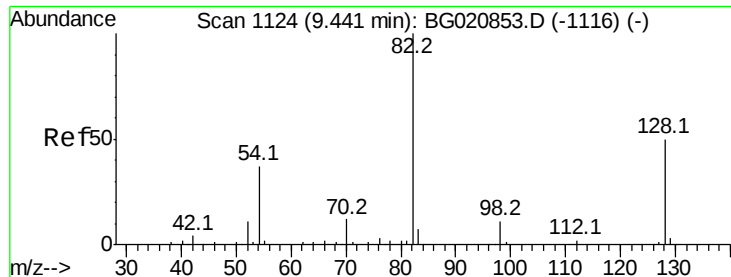
54 6.3 5.0 7.4

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

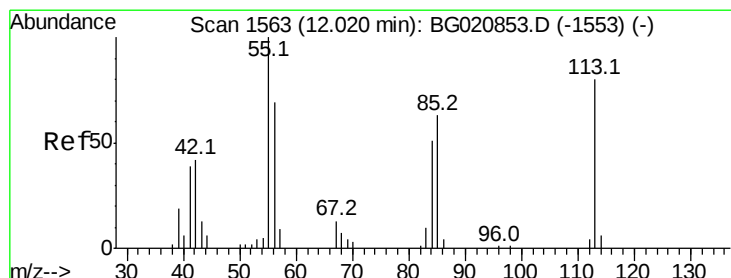
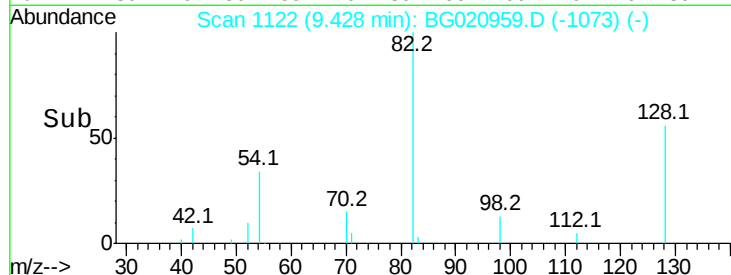
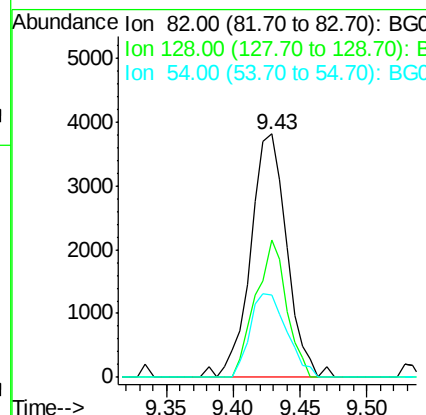
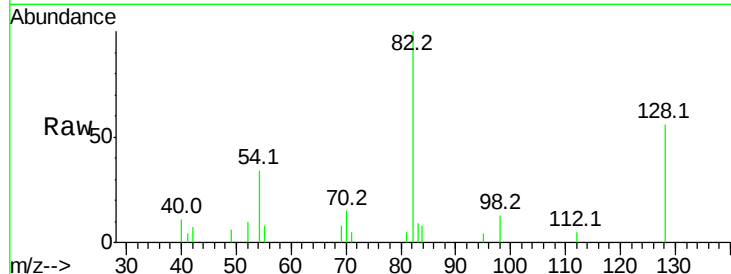




#23
 Nitrobenzene-d5
 Concen: 3.46 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020959.D
 Acq: 19 Feb 2016 6:17

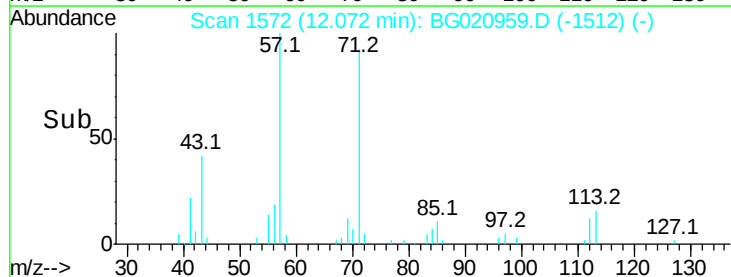
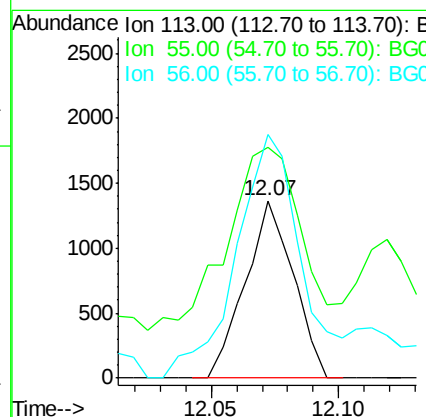
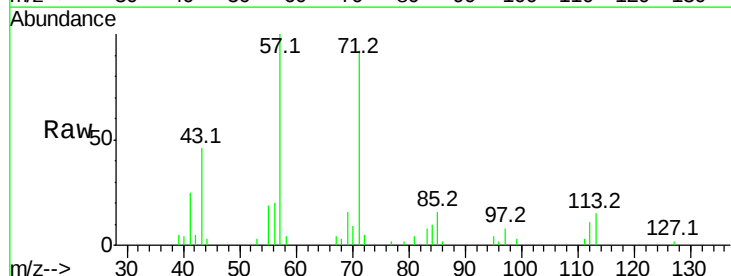
Instrument :
 BNA_G
 ClientSampleId :

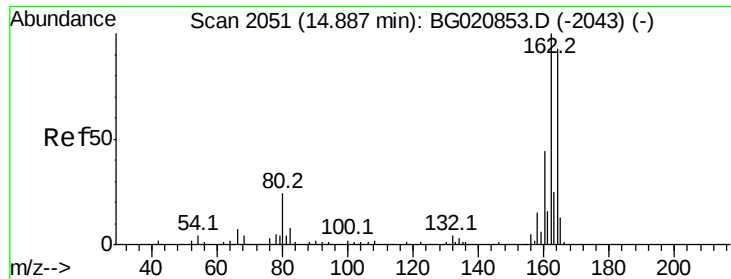
Tot Ion	Ratio	Lower	Upper
82	100		
128	56.4	40.1	60.1
54	33.6	29.5	44.3



#35
 Caprolactam
 Concen: 2.43 ng
 RT: 12.07 min Scan# 1572
 Delta R.T. 0.05 min
 Lab File: BG020959.D
 Acq: 19 Feb 2016 6:17

Tgt Ion	Ratio	Lower	Upper
113	100		
55	130.5	104.4	144.4
56	137.3	65.4	105.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG020959.D

Acq: 19 Feb 2016 6:17

Instrument :

BNA_G

ClientSampleId :

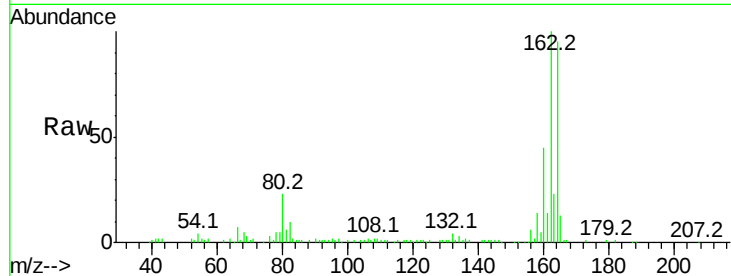
Tot Ion:164 Resp: 73931

Ion Ratio Lower Upper

164 100

162 105.7 85.7 128.5

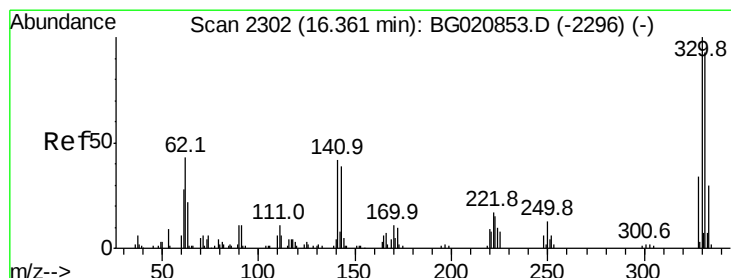
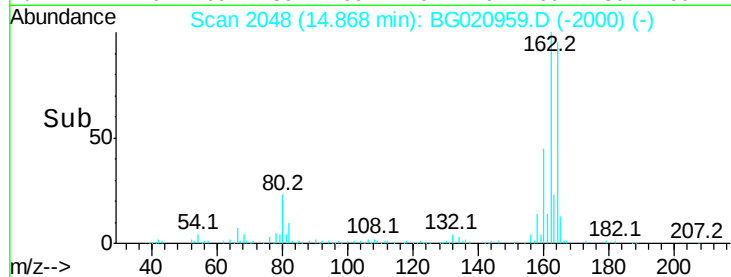
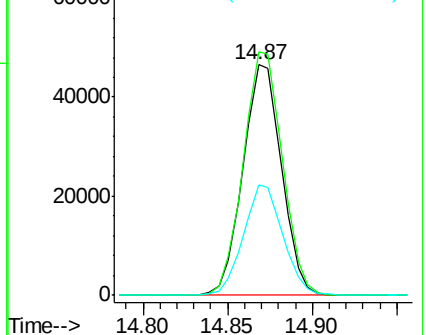
160 47.9 37.4 56.0



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: 4.54 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020959.D

Acq: 19 Feb 2016 6:17

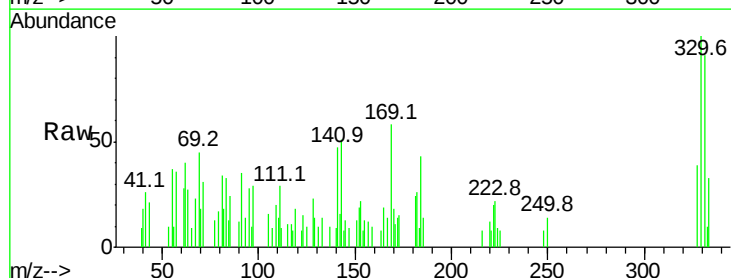
Tgt Ion:330 Resp: 3302

Ion Ratio Lower Upper

330 100

332 92.2 76.1 114.1

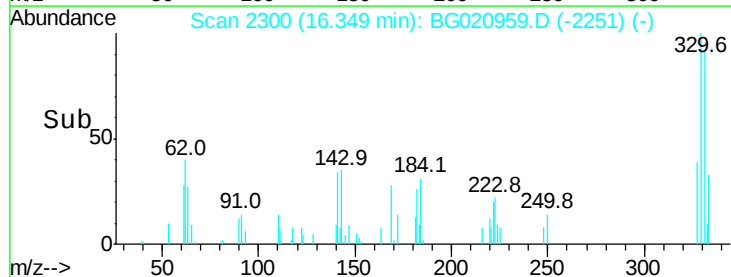
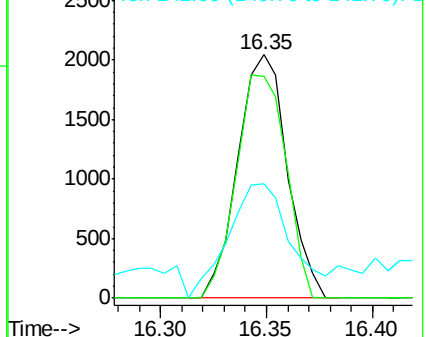
141 60.1 32.0 48.0#

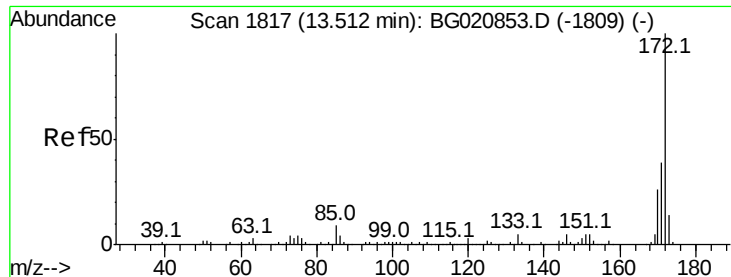


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

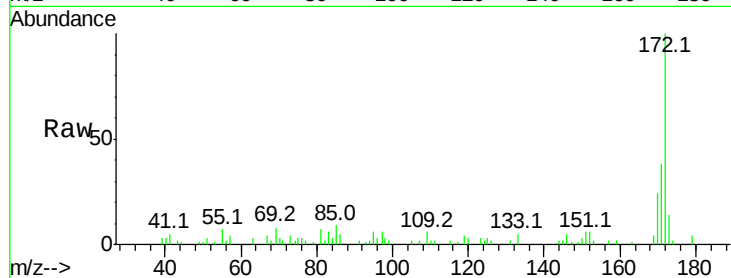




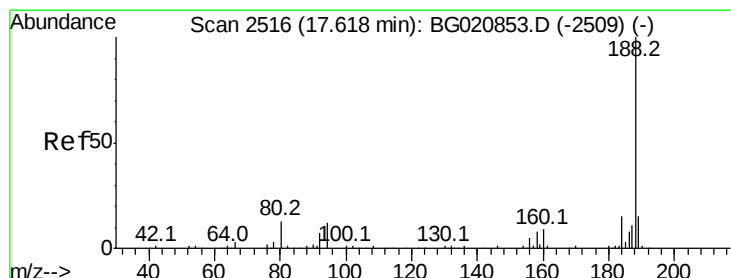
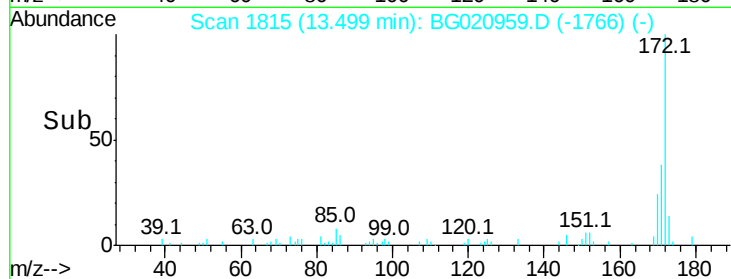
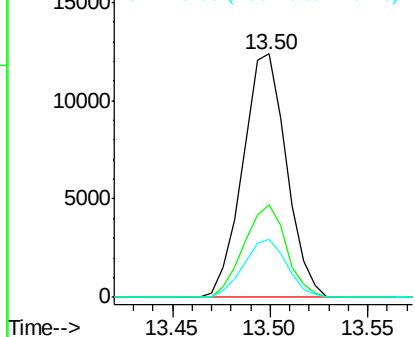
#44
 2-Fluorobiphenyl
 Concen: 3.63 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020959.D
 Acq: 19 Feb 2016 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 19103
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.2 46.8
 170 24.1 20.6 30.8

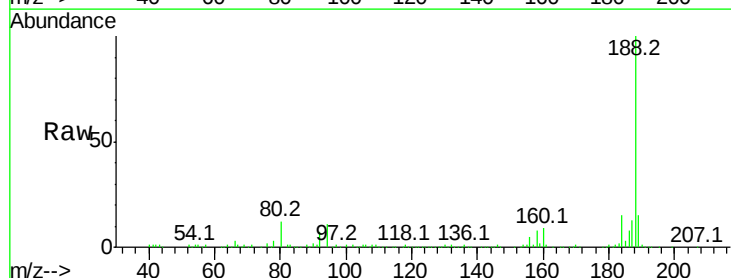


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

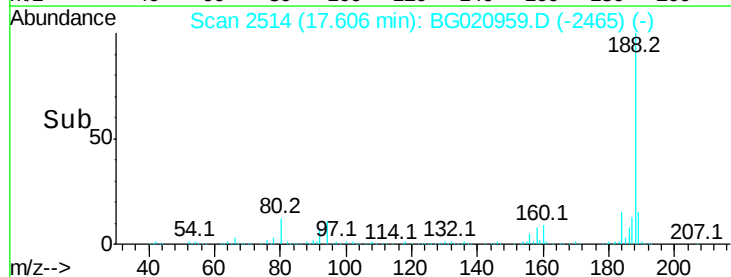
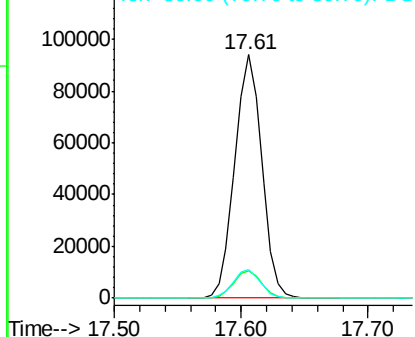


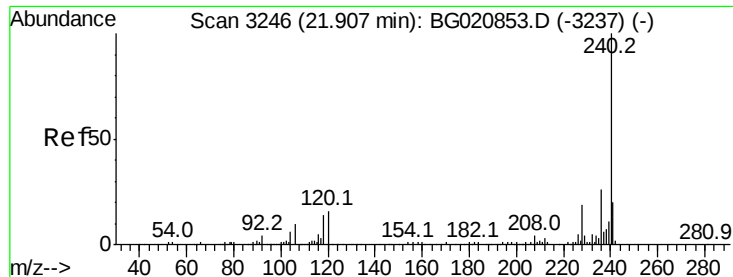
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020959.D
 Acq: 19 Feb 2016 6:17

Tgt Ion:188 Resp: 138520
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.0
 80 11.5 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020959.D

Acq: 19 Feb 2016 6:17

Instrument :

BNA_G

ClientSampleId :

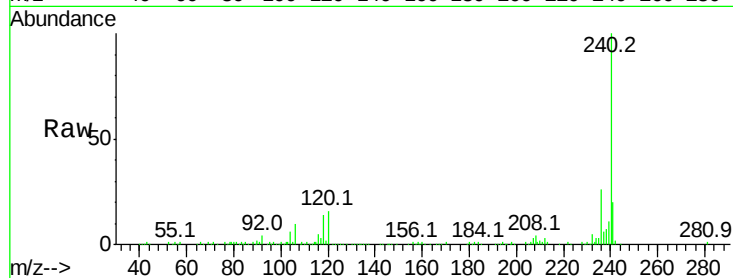
Tot Ion:240 Resp: 130321

Ion Ratio Lower Upper

240 100

120 15.7 13.0 19.4

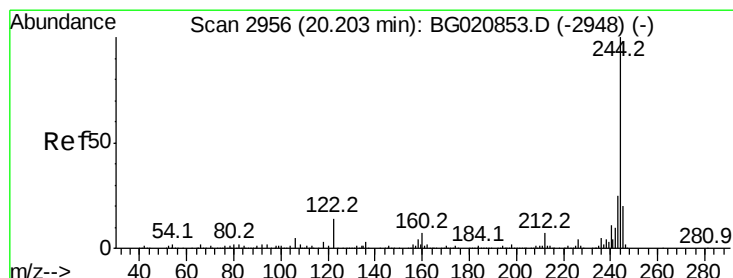
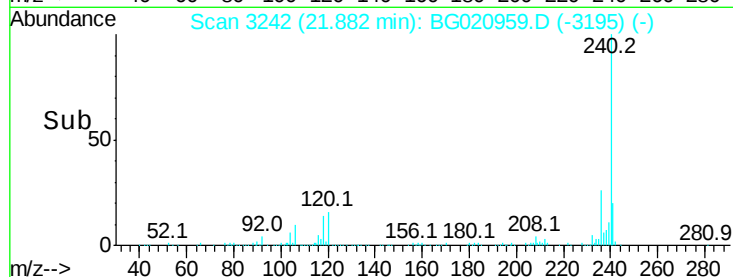
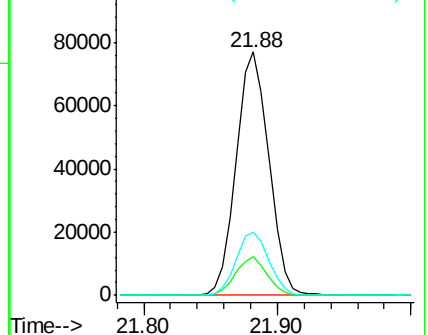
236 26.2 21.0 31.4



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: 3.42 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020959.D

Acq: 19 Feb 2016 6:17

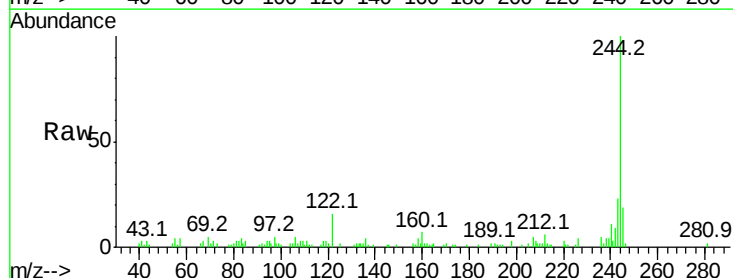
Tgt Ion:244 Resp: 19103

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

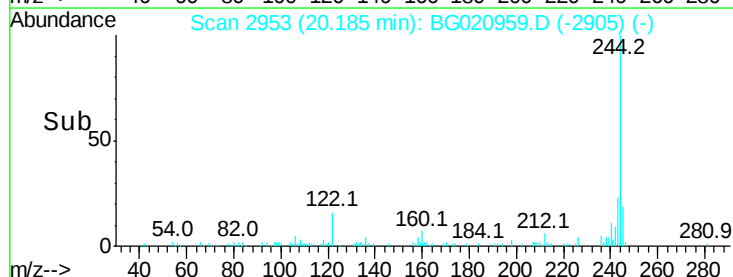
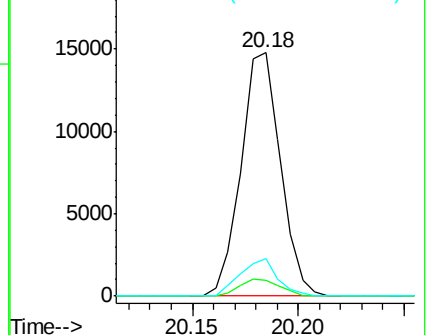
122 15.6 11.4 17.2

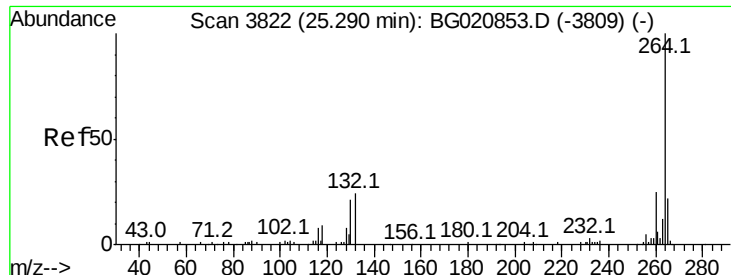


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

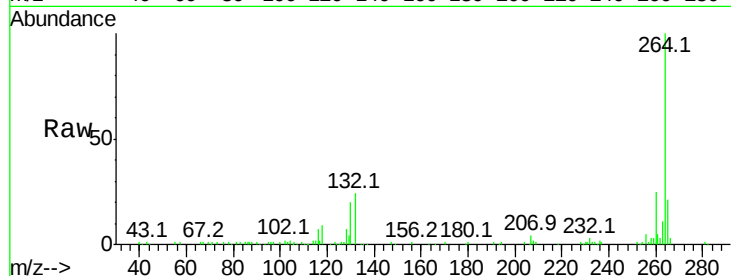




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. -0.04 min
 Lab File: BG020959.D
 Acq: 19 Feb 2016 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.1	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

