

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026699.D
 Acq On : 21 Apr 2017 23:29
 Operator : SJ/MA
 Sample : I2792-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 04:00:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

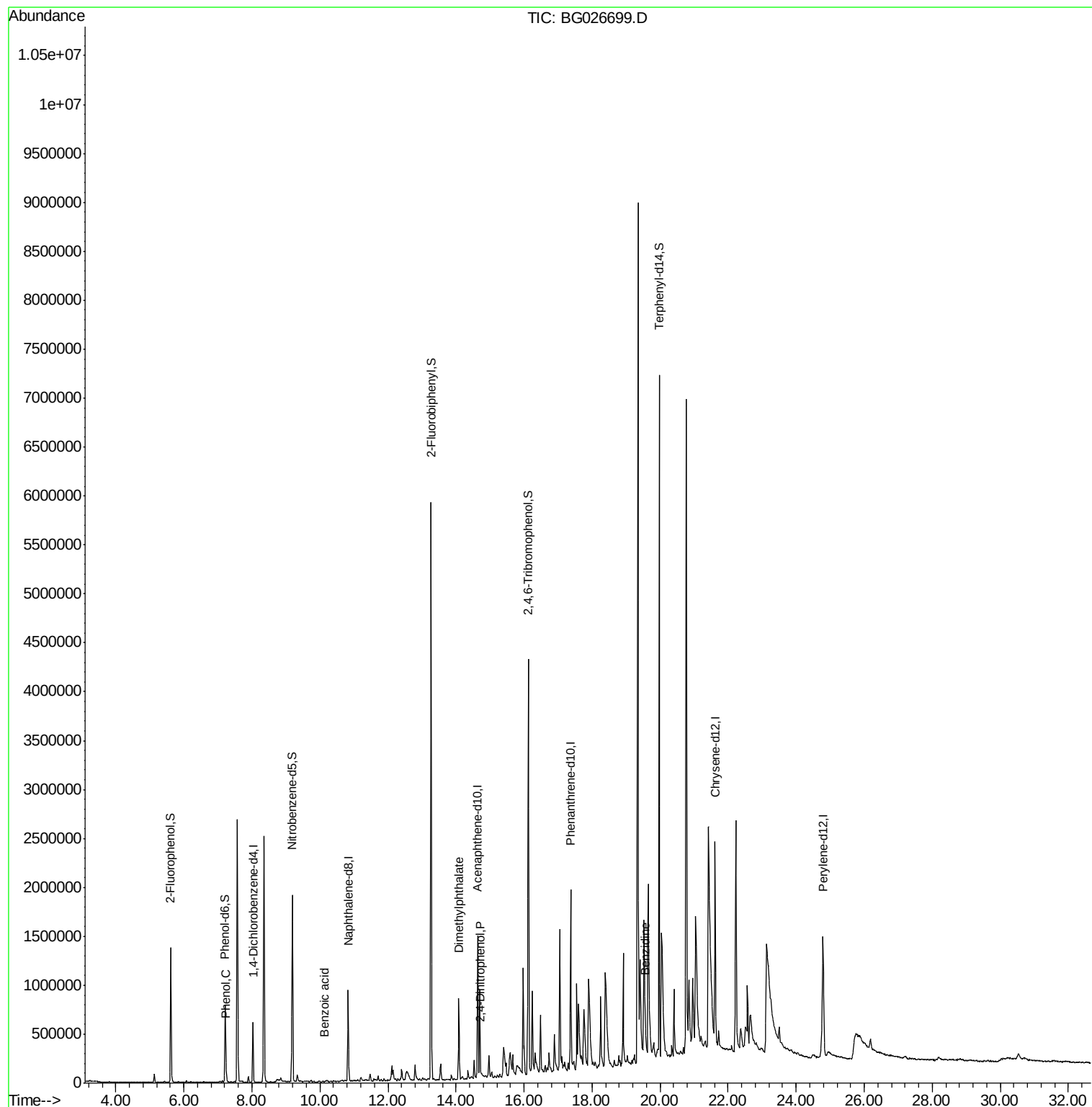
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	197334	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	869656	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	533414	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1190614	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1270637	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1272238	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	745103	68.64	ng	0.00
7) Phenol-d6	7.21	99	624577	43.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	1199926	96.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	951873	128.07	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	3193435	89.16	ng	-0.02
78) Terphenyl-d14	19.97	244	2896171	67.29	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	37718	2.44	ng	# 69
32) Benzoic acid	10.15	122	754	9.08	ng	# 33
49) Dimethylphthalate	14.08	163	599259	14.19	ng	98
53) 2,4-Dinitrophenol	14.72	184	54	8.76	ng	# 1
76) Benzidine	19.57	184	411	3.72	ng	# 1

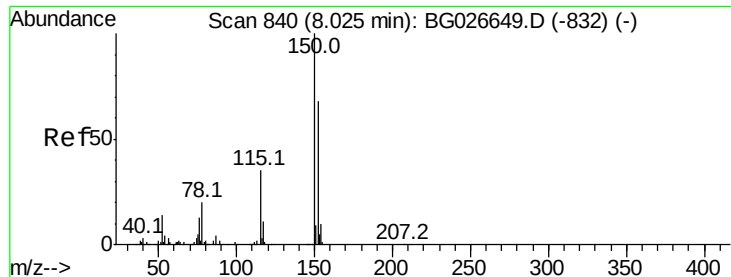
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
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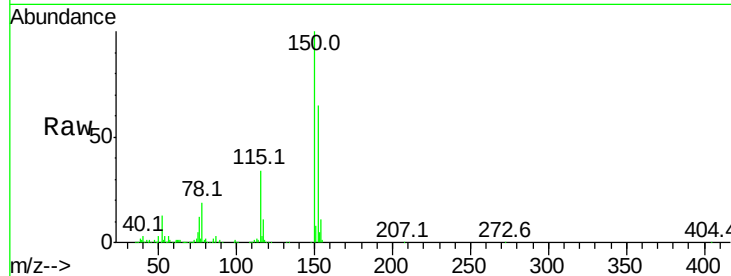


#1

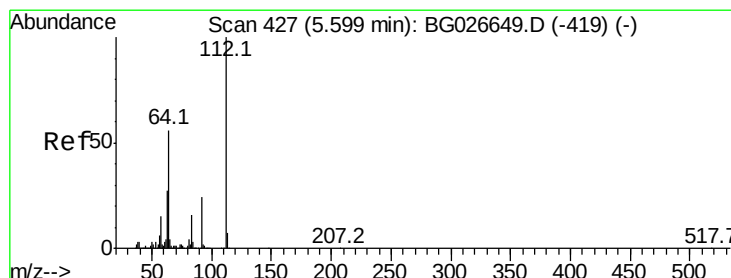
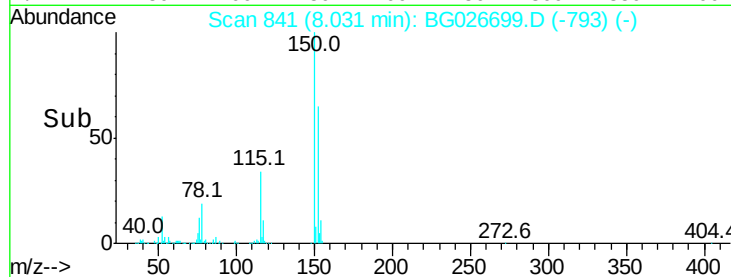
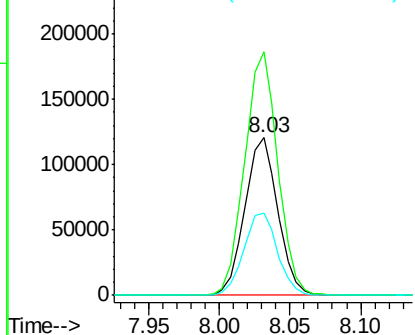
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	114.0	171.0
115	52.0	48.1	72.1



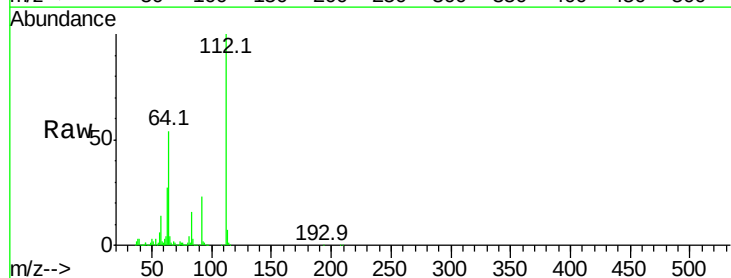
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



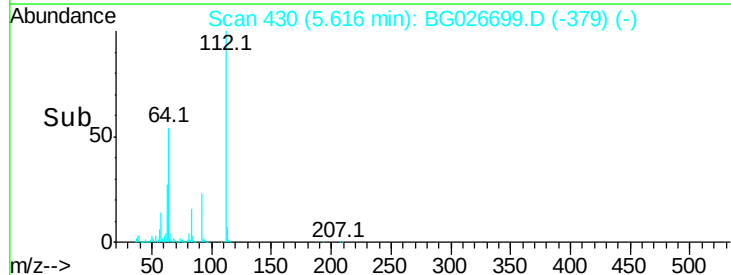
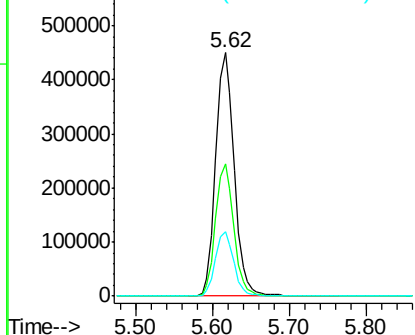
#5

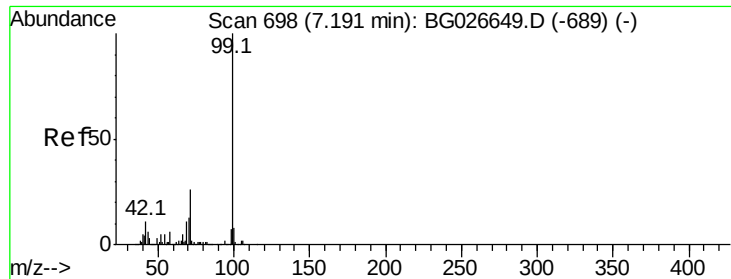
2-Fluorophenol
Concen: 68.64 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	61.8	92.6#
63	26.7	37.2	55.8#



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: 43.91 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026699.D

Acq: 21 Apr 2017 23:29

Instrument :

BNA_G

ClientSampleId :

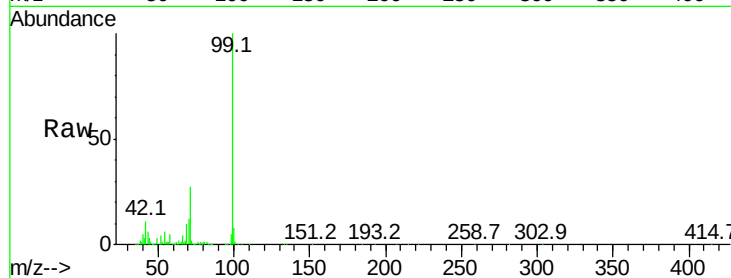
Tot Ion: 99 Resp: 624577

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

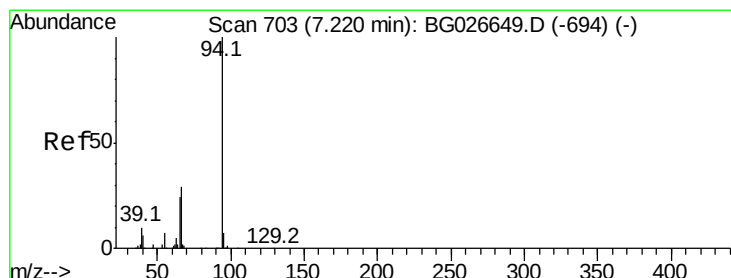
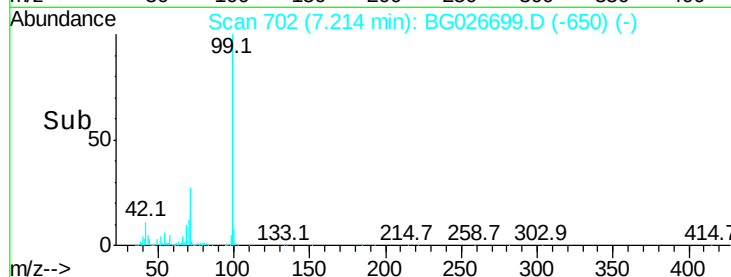
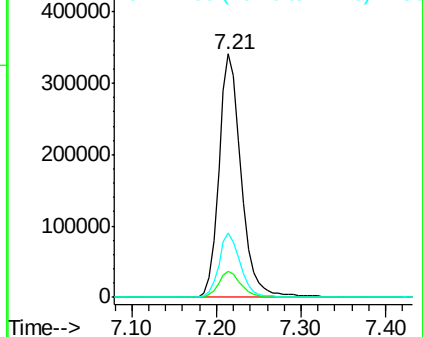
71 26.5 37.6 56.4#



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



#10

Phenol

Concen: 2.44 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG026699.D

Acq: 21 Apr 2017 23:29

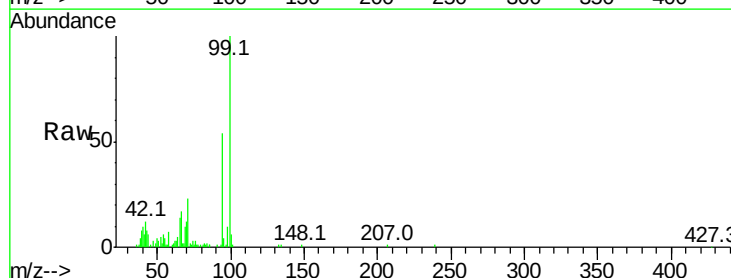
Tgt Ion: 94 Resp: 37718

Ion Ratio Lower Upper

94 100

65 24.9 20.6 60.6

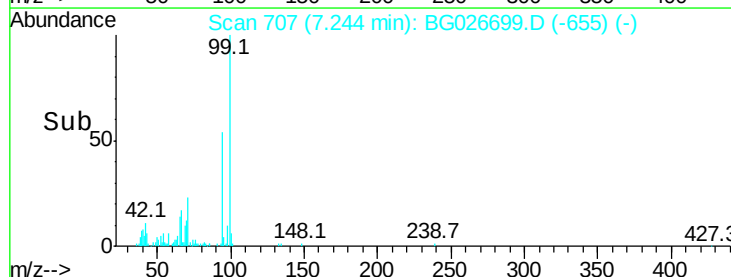
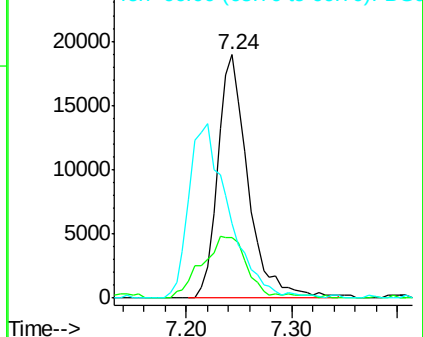
66 30.5 35.5 75.5#

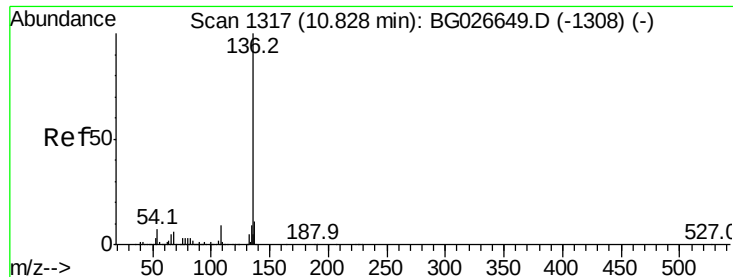


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

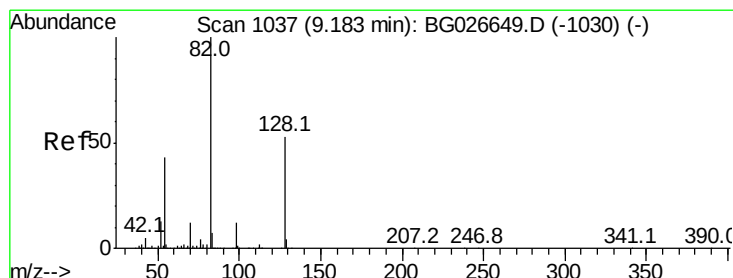
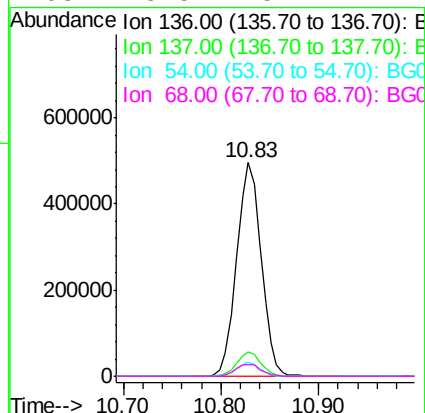
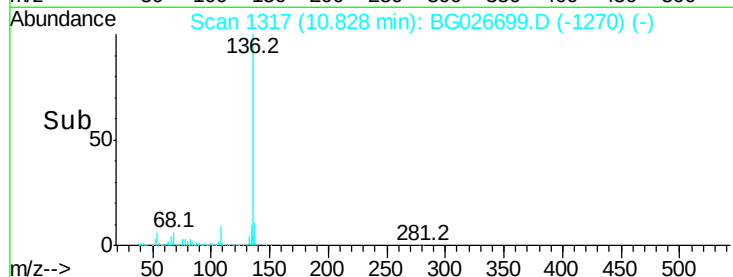
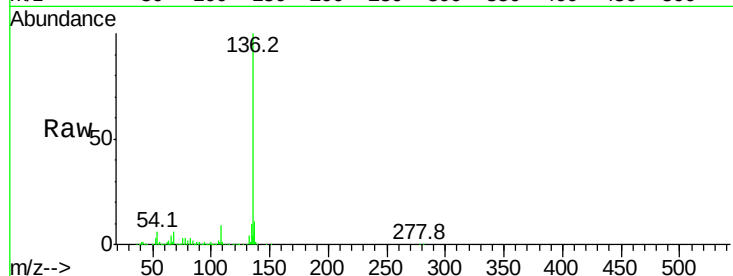




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

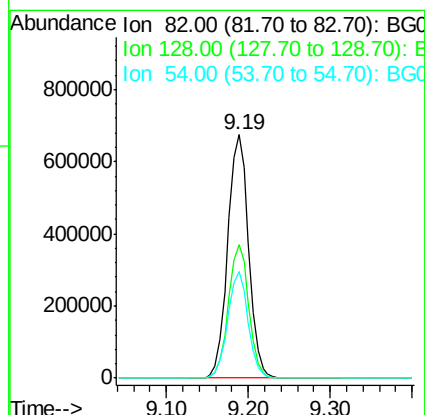
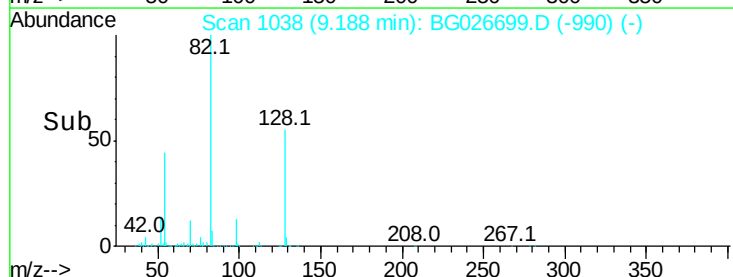
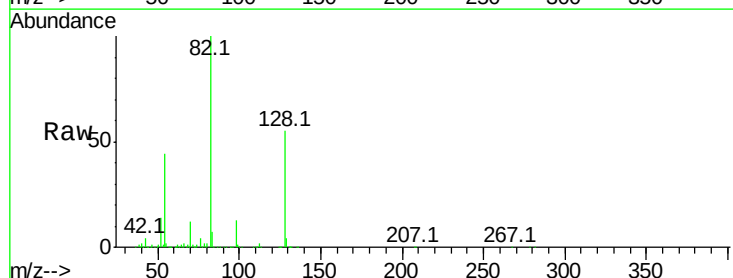
Instrument :
BNA_G
ClientSampleId :

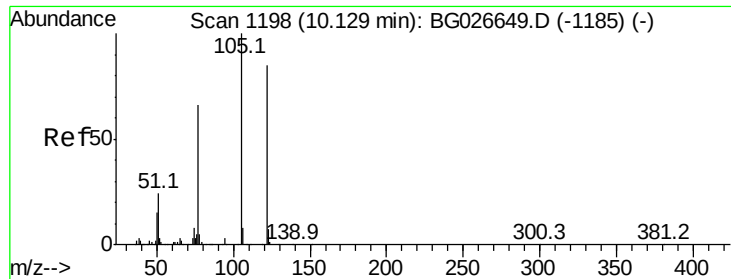
Tot Ion:136	Resp:	869656
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	6.4	9.3 13.9#
68	5.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 96.28 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

Tgt Ion: 82	Resp:	1199926
Ion	Ratio	Lower Upper
82	100	
128	54.8	26.4 39.6#
54	44.0	49.4 74.2#

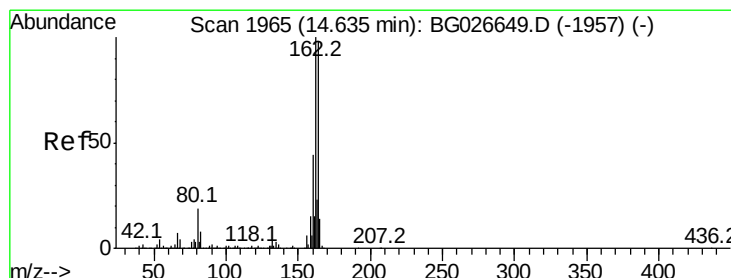
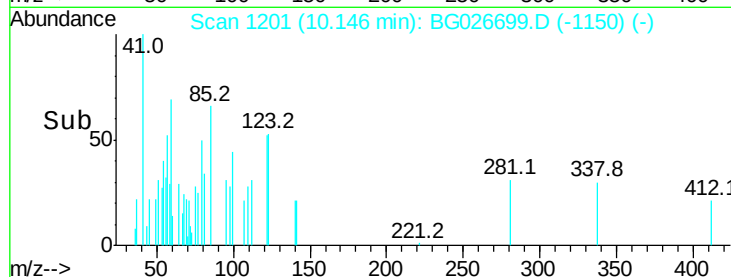
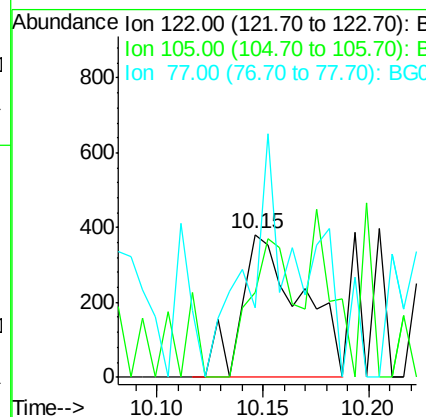
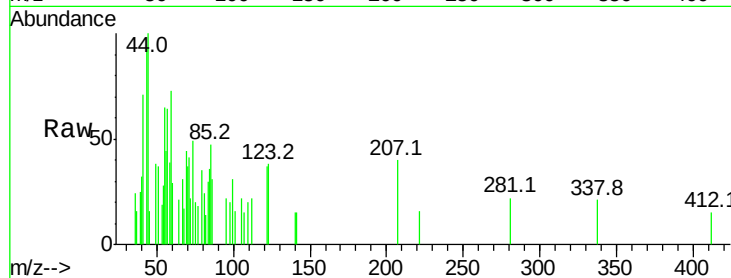




#32
Benzoic acid
Concen: 9.08 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

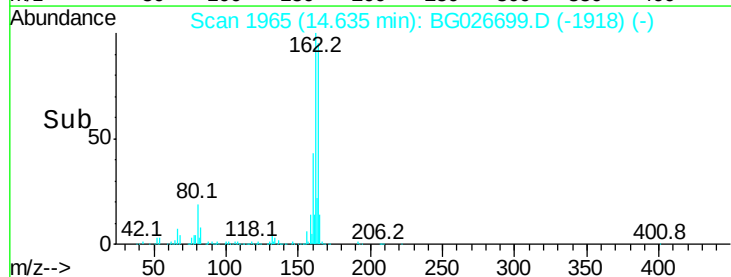
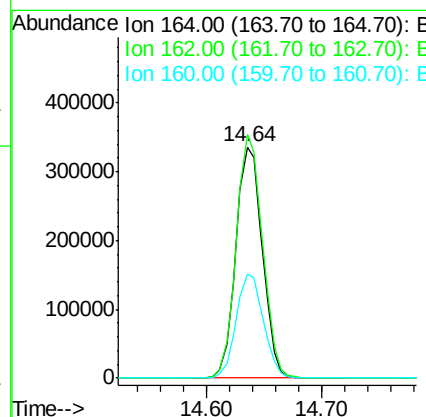
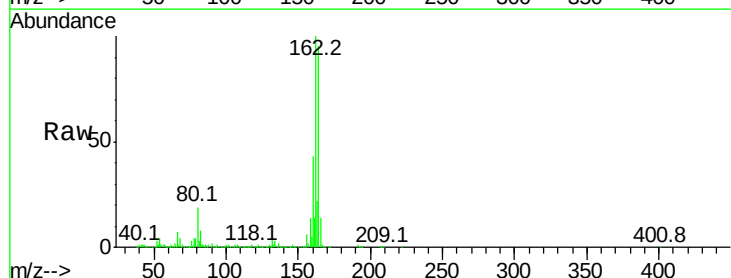
Instrument :
BNA_G
ClientSampled :

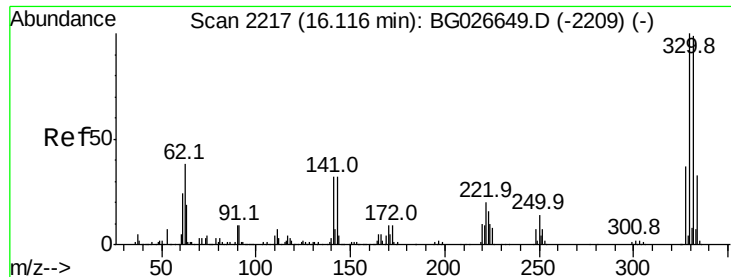
Tot Ion:122 Resp: 754
Ion Ratio Lower Upper
122 100
105 58.9 120.1 160.1#
77 48.7 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

Tgt Ion:164 Resp: 533414
Ion Ratio Lower Upper
164 100
162 105.2 85.1 127.7
160 45.0 34.7 52.1

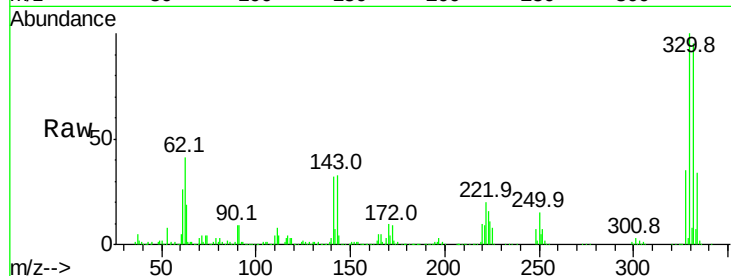




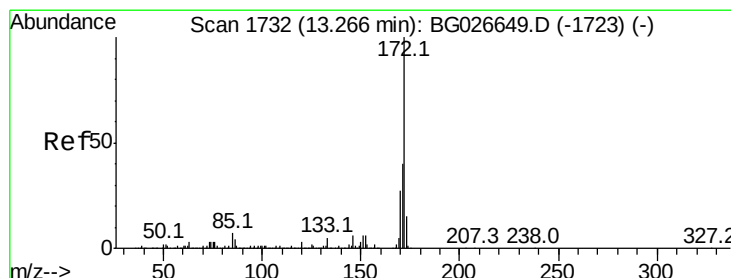
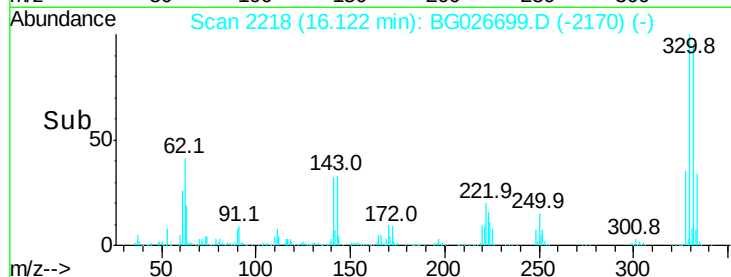
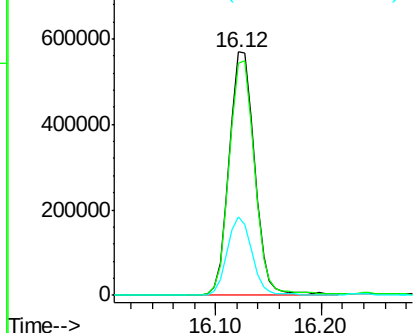
#41
 2,4,6-Tribromophenol
 Concen: 128.07 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026699.D
 Acq: 21 Apr 2017 23:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 951873
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.3 32.1 48.1#

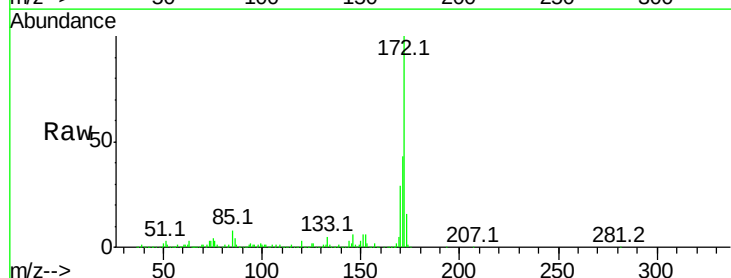


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

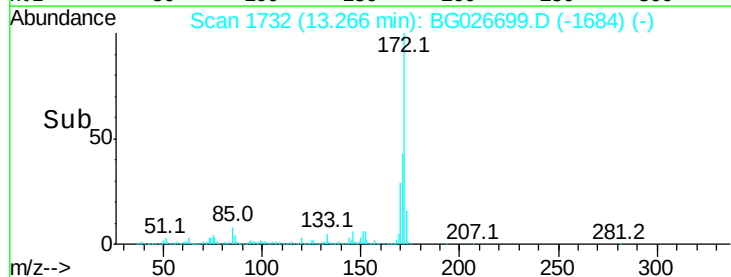
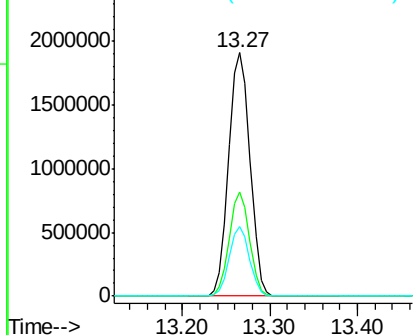


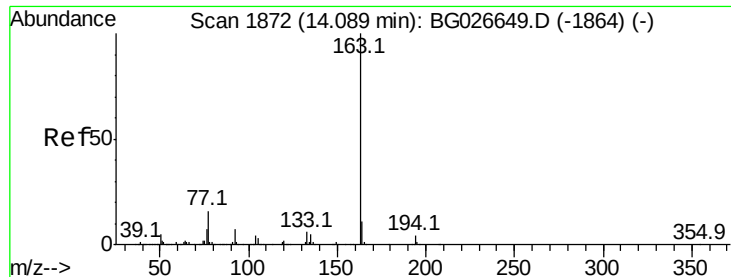
#44
 2-Fluorobiphenyl
 Concen: 89.16 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026699.D
 Acq: 21 Apr 2017 23:29

Tgt Ion:172 Resp: 3193435
 Ion Ratio Lower Upper
 172 100
 171 42.7 32.2 48.2
 170 28.7 21.8 32.6



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: 14.19 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BG026699.D

Acq: 21 Apr 2017 23:29

Instrument :

BNA_G

ClientSampleId :

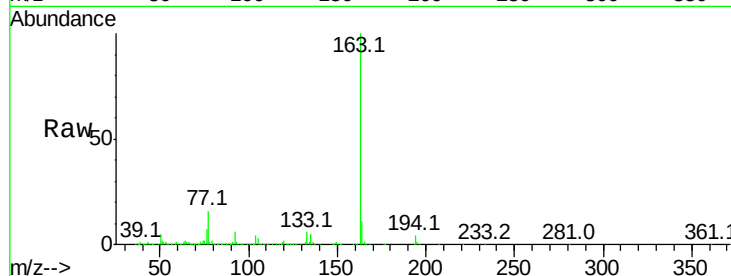
Tot Ion:163 Resp: 599259

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

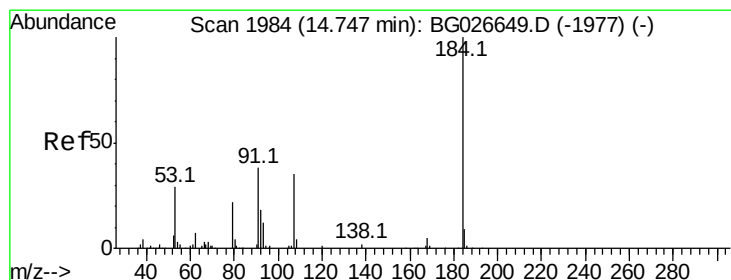
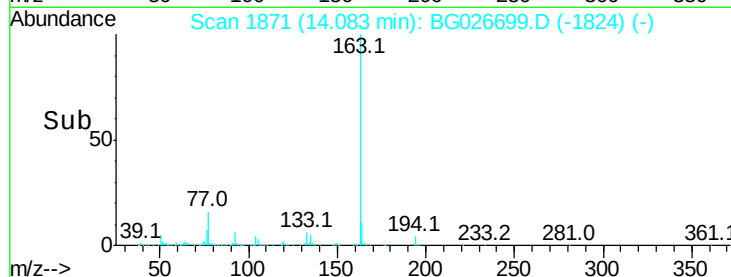
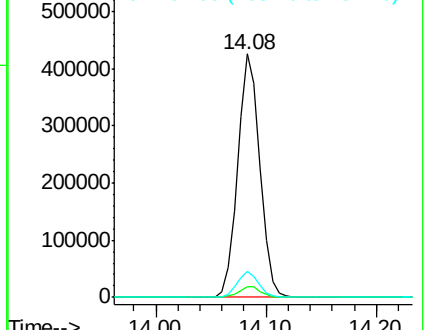
164 10.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.76 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.04 min

Lab File: BG026699.D

Acq: 21 Apr 2017 23:29

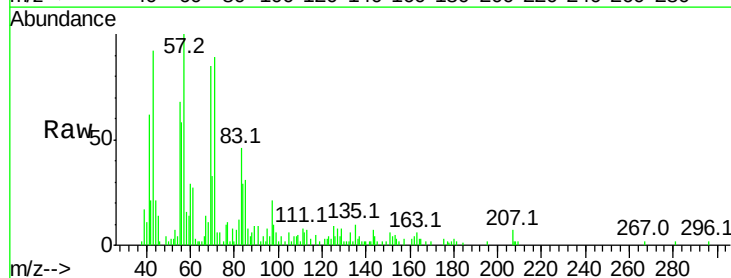
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 136.4 52.7 79.1#

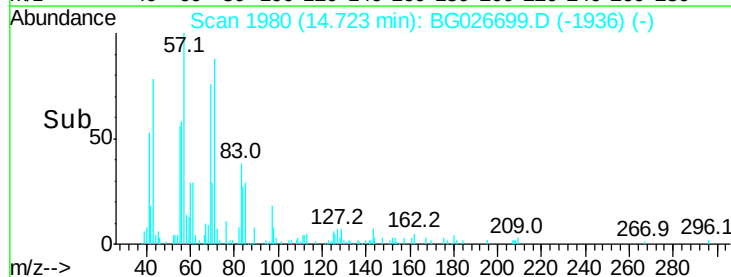
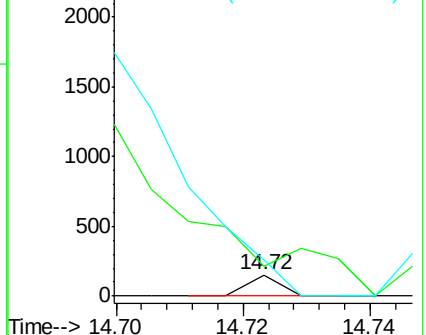
154 167.5 57.3 85.9#

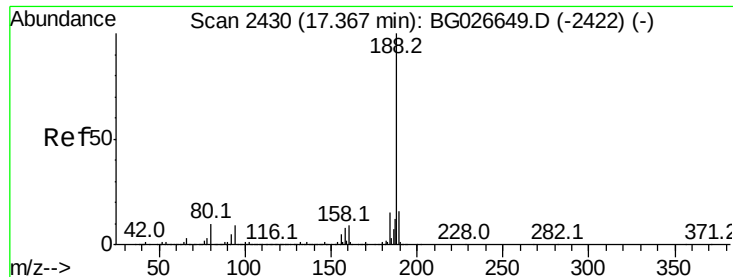


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

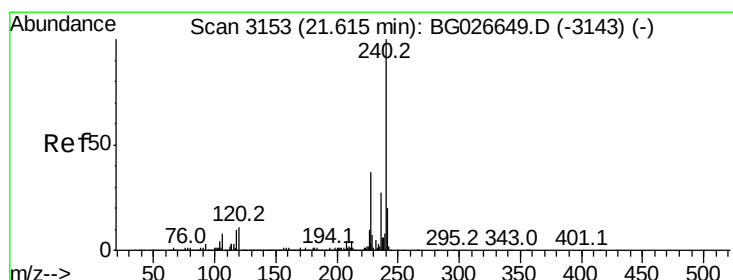
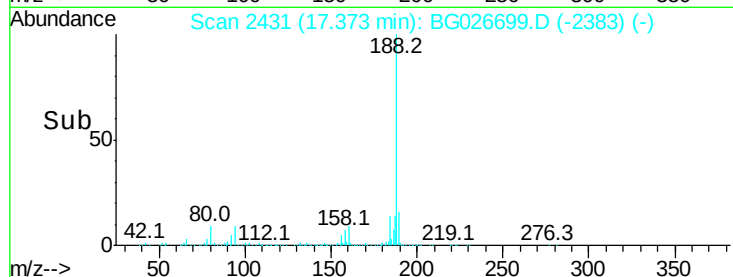
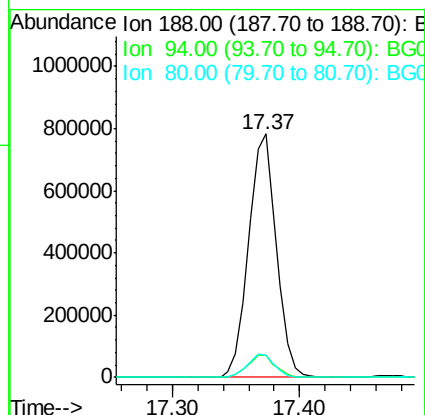
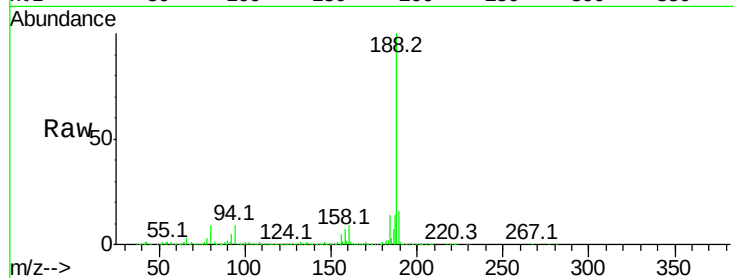




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

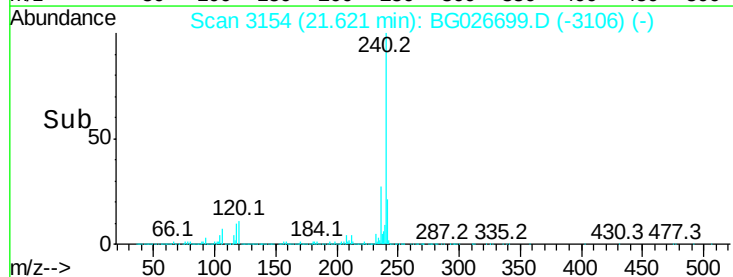
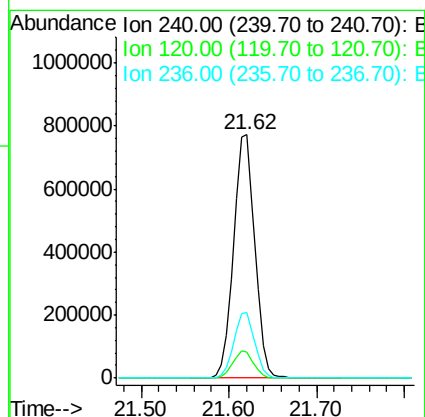
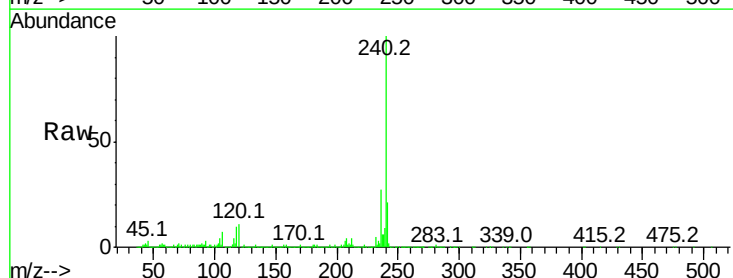
Instrument :
BNA_G
ClientSampleId :

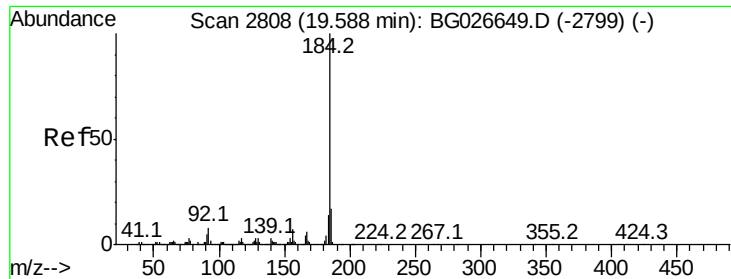
Tot Ion:188 Resp: 1190614
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 9.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

Tgt Ion:240 Resp: 1270637
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 26.8 22.2 33.4





#76

Benzidine

Concen: 3.72 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.03 min

Lab File: BG026699.D

Acq: 21 Apr 2017 23:29

Instrument :

BNA_G

ClientSampleId :

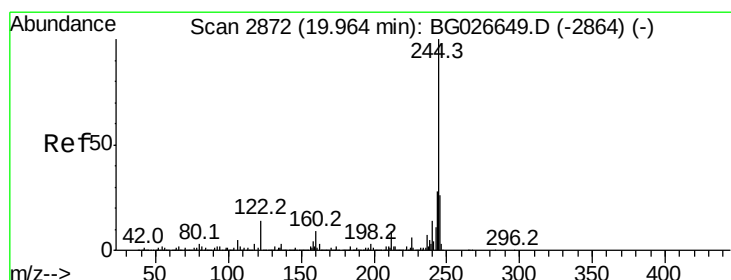
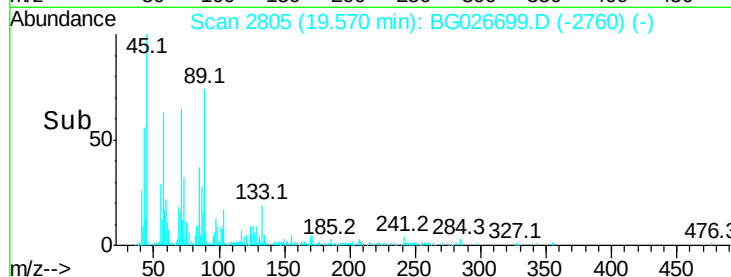
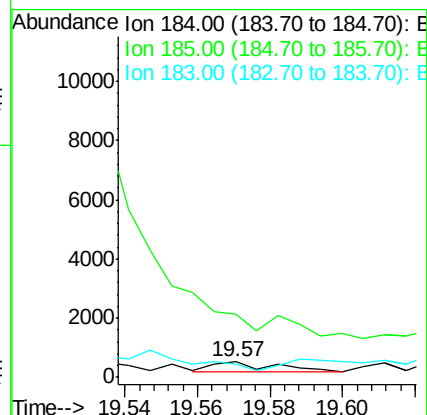
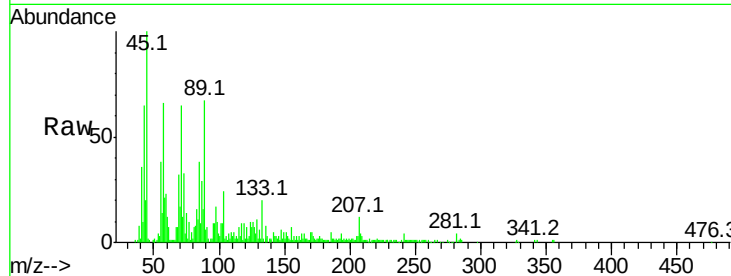
Tot Ion:184 Resp: 411

Ion Ratio Lower Upper

184 100

185 405.9 13.0 19.6#

183 83.3 11.0 16.6#



#78

Terphenyl-d14

Concen: 67.29 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026699.D

Acq: 21 Apr 2017 23:29

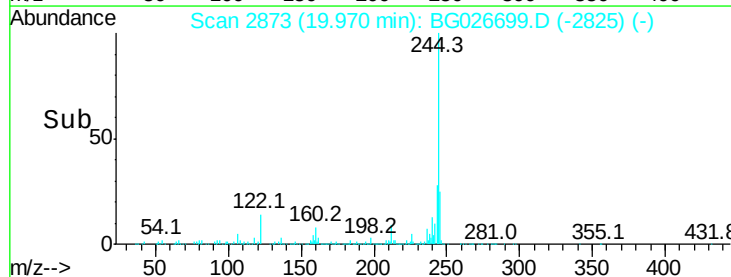
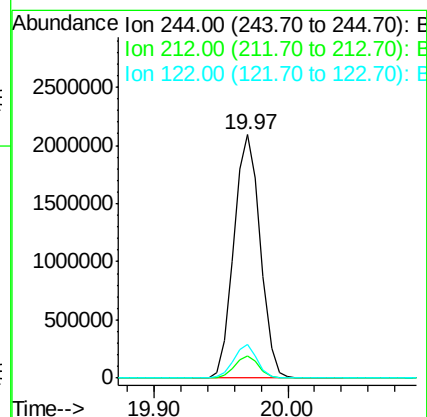
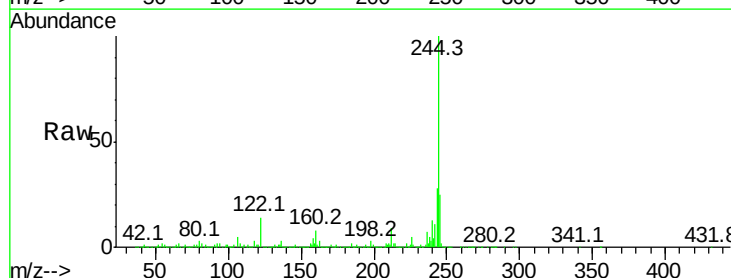
Tgt Ion:244 Resp: 2896171

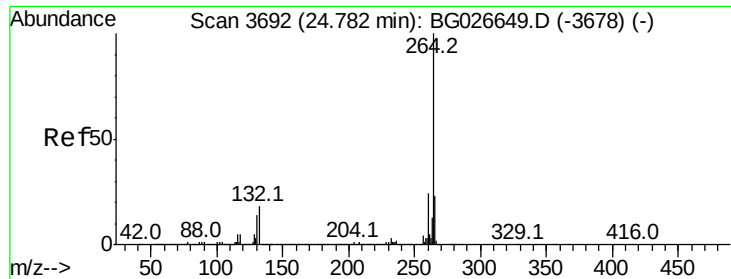
Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

122 13.7 8.6 12.8#



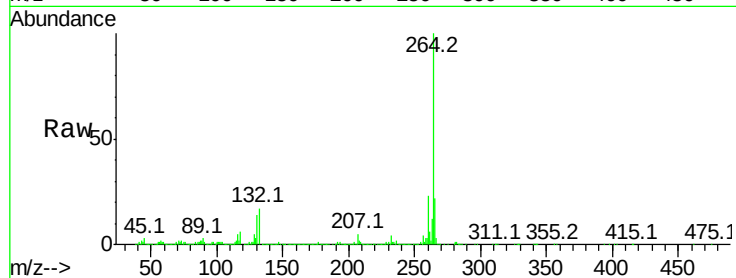


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026699.D
Acq: 21 Apr 2017 23:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1272238

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.2	18.2	27.4



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

