

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026695.D
 Acq On : 21 Apr 2017 20:50
 Operator : SJ/MA
 Sample : I2782-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 03:59:14 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

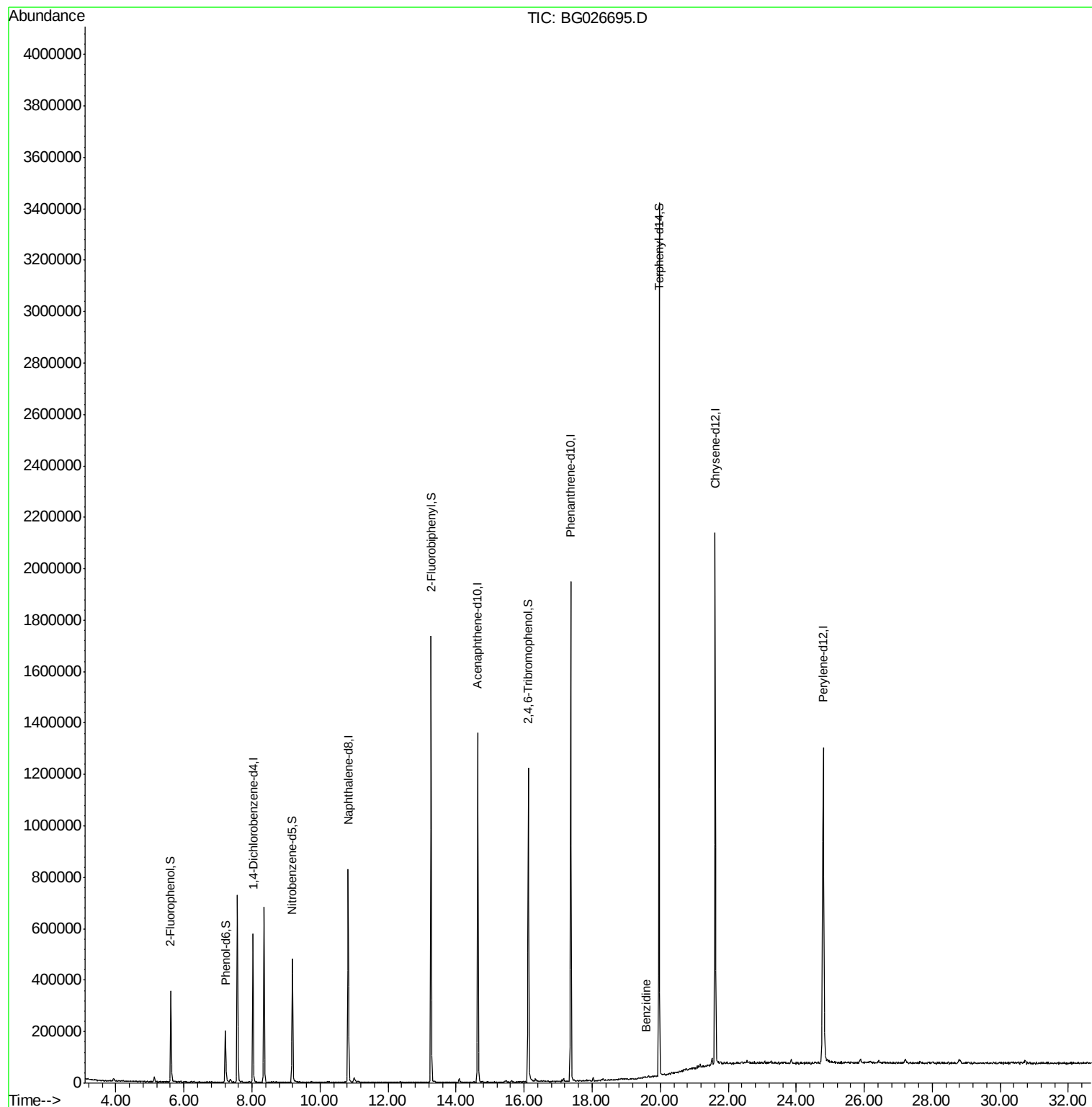
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	187571	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	815220	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	499173	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1252982	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1361607	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1329790	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	195544	18.95	ng	0.00
7) Phenol-d6	7.22	99	168441	12.46	ng	0.01
23) Nitrobenzene-d5	9.19	82	312303	26.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	275399	39.59	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	979550	29.23	ng	-0.02
78) Terphenyl-d14	19.97	244	1468188	31.83	ng	-0.02
Target Compounds						
76) Benzidine	19.59	184	63	3.72	ng	Qvalue # 64

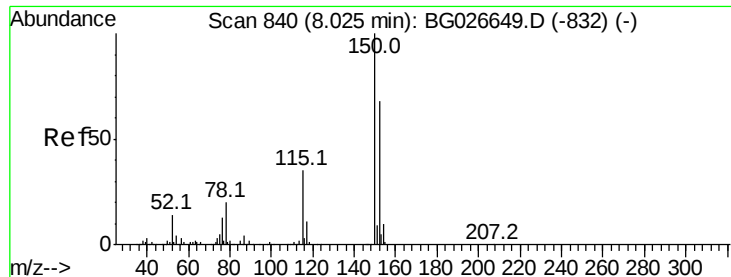
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
Data File : BG026695.D
Acq On : 21 Apr 2017 20:50
Operator : SJ/MA
Sample : I2782-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 22 03:59:14 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



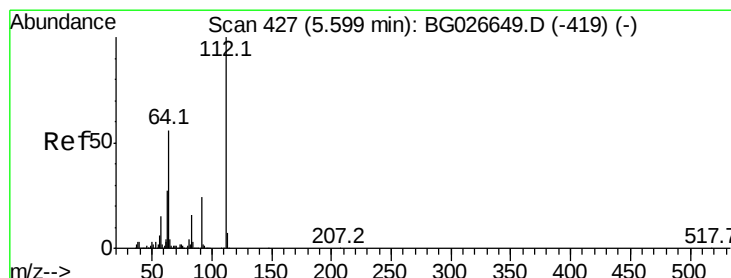
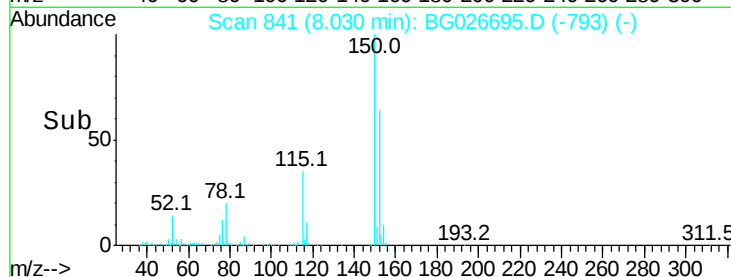
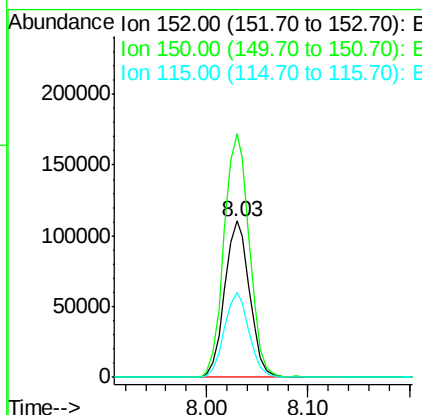
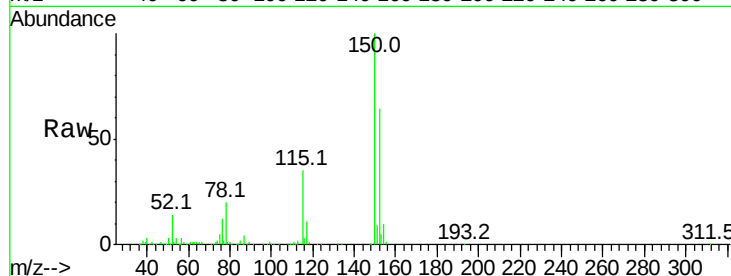


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026695.D
Acq: 21 Apr 2017 20:50

Instrument :
BNA_G
ClientSampleId :

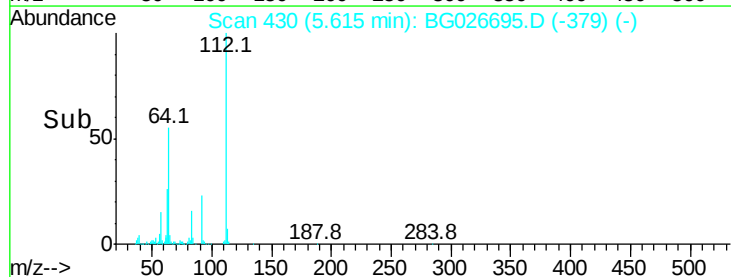
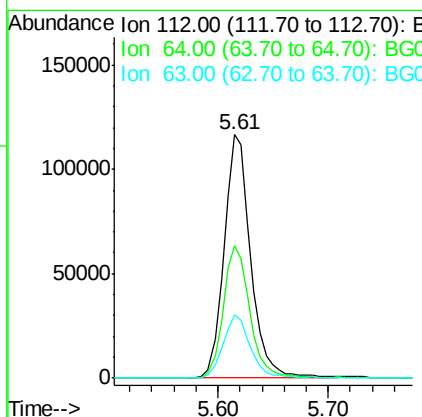
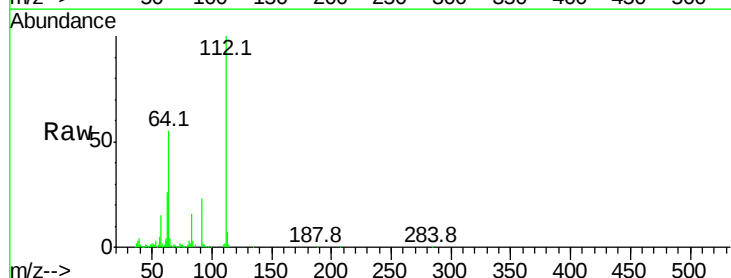
Tot Ion:152 Resp: 187571
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 54.3 48.1 72.1

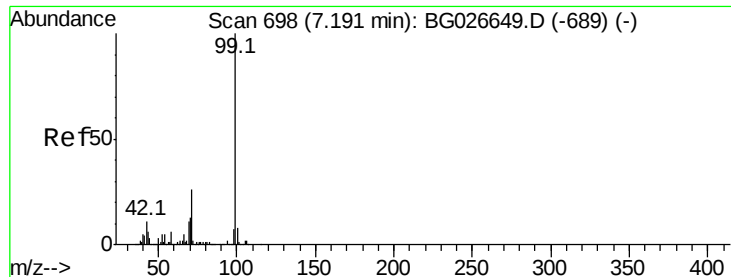


#5

2-Fluorophenol
Concen: 18.95 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026695.D
Acq: 21 Apr 2017 20:50

Tgt Ion:112 Resp: 195544
Ion Ratio Lower Upper
112 100
64 54.5 61.8 92.6#
63 25.8 37.2 55.8#





#7

Phenol-d6

Concen: 12.46 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026695.D

Acq: 21 Apr 2017 20:50

Instrument :

BNA_G

ClientSampleId :

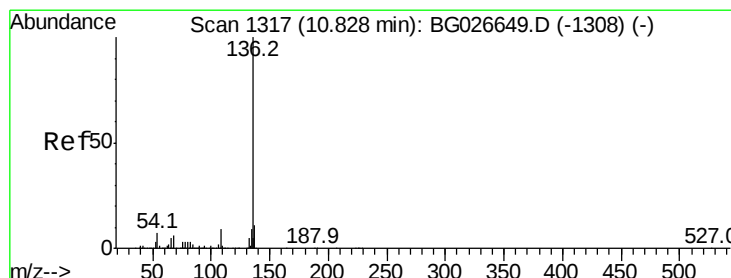
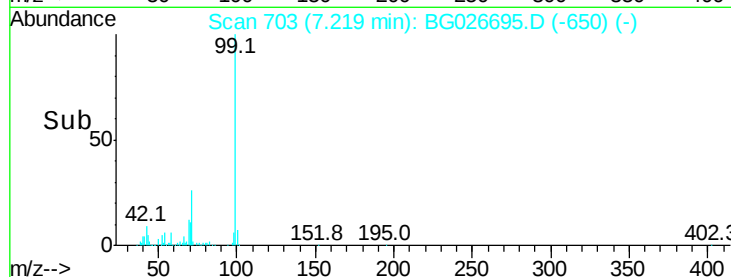
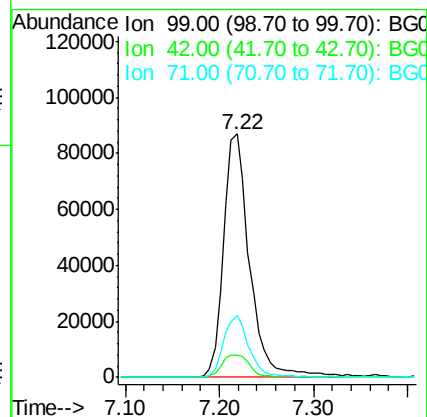
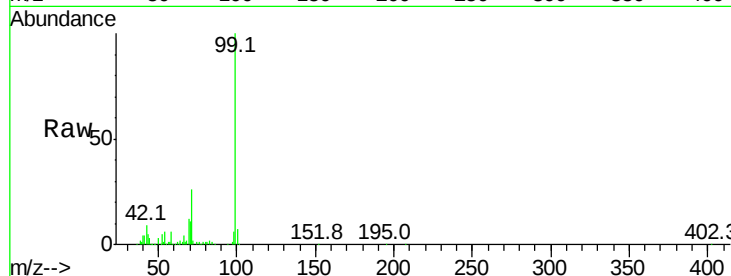
Tot Ion: 99 Resp: 168441

Ion Ratio Lower Upper

99 100

42 9.0 20.5 30.7#

71 25.6 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026695.D

Acq: 21 Apr 2017 20:50

Tgt Ion: 136 Resp: 815220

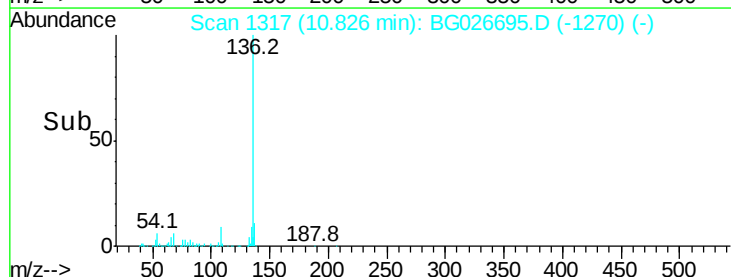
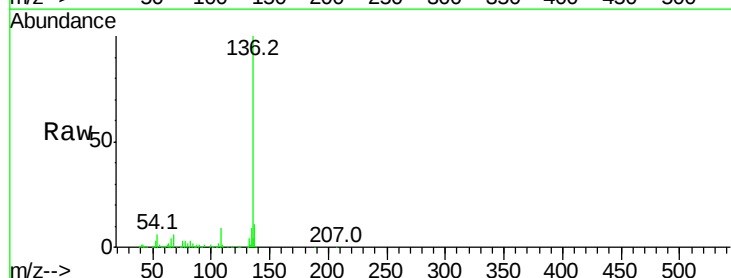
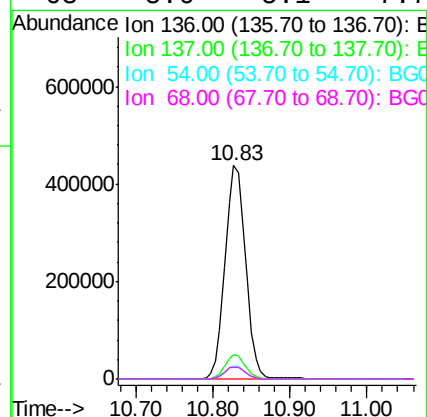
Ion Ratio Lower Upper

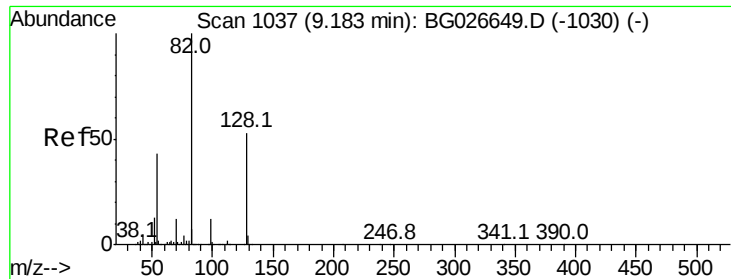
136 100

137 11.4 8.9 13.3

54 6.3 9.3 13.9#

68 5.6 5.1 7.7

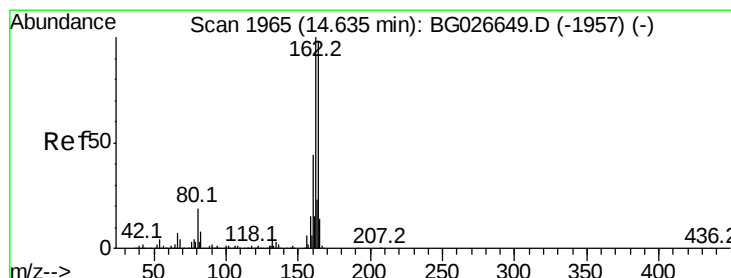
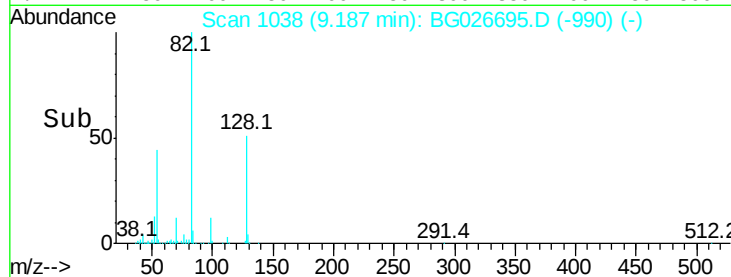
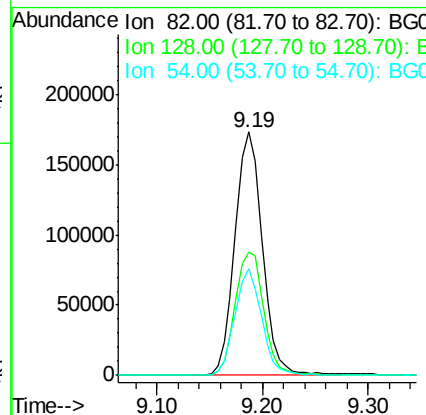
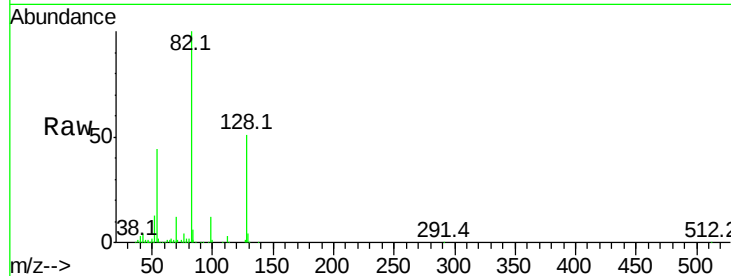




#23
 Nitrobenzene-d5
 Concen: 26.73 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026695.D
 Acq: 21 Apr 2017 20:50

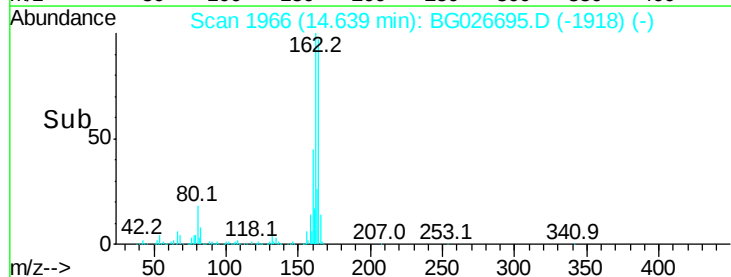
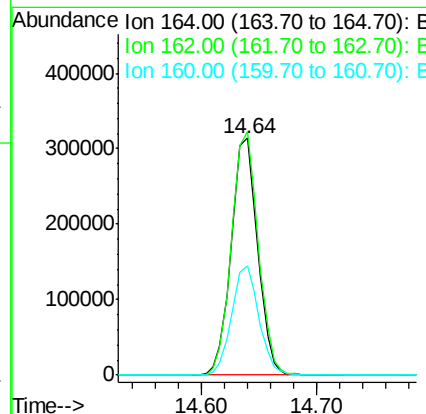
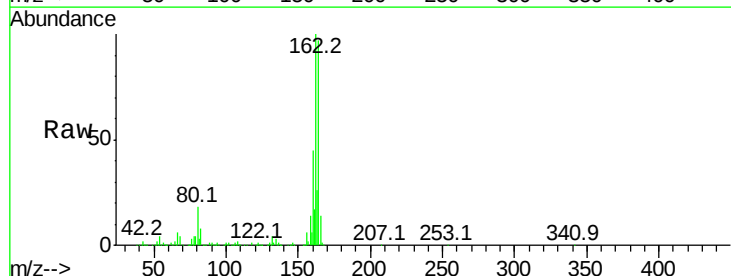
Instrument :
 BNA_G
 ClientSampleId :

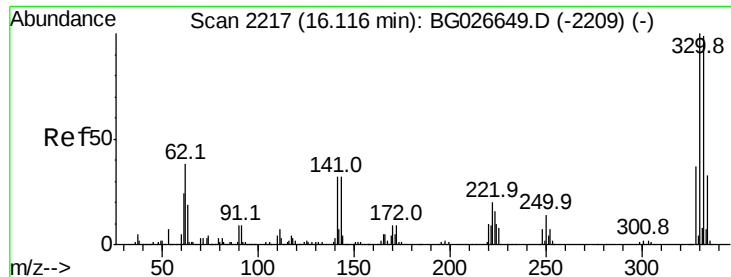
Tot Ion	82	Resp	312303
Ion Ratio	Lower	Upper	
82	100		
128	50.8	26.4	39.6#
54	43.7	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026695.D
 Acq: 21 Apr 2017 20:50

Tgt Ion	164	Resp	499173
Ion Ratio	Lower	Upper	
164	100		
162	102.8	85.1	127.7
160	46.3	34.7	52.1

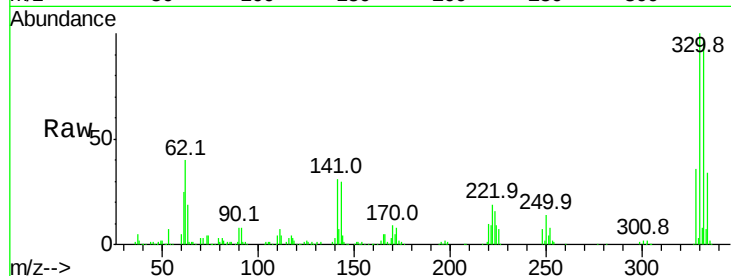




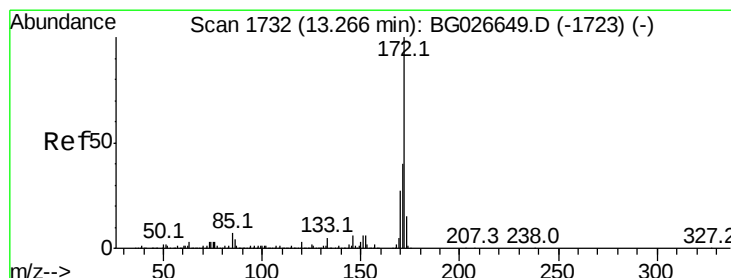
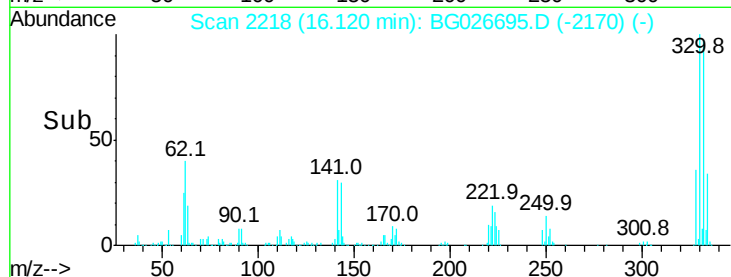
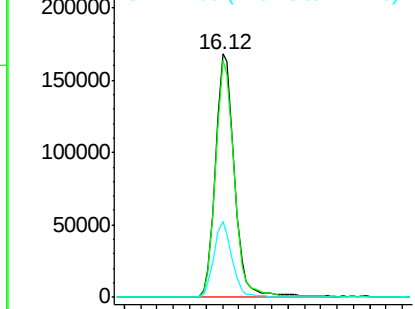
#41
 2,4,6-Tribromophenol
 Concen: 39.59 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026695.D
 Acq: 21 Apr 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	29.8	32.1	48.1#

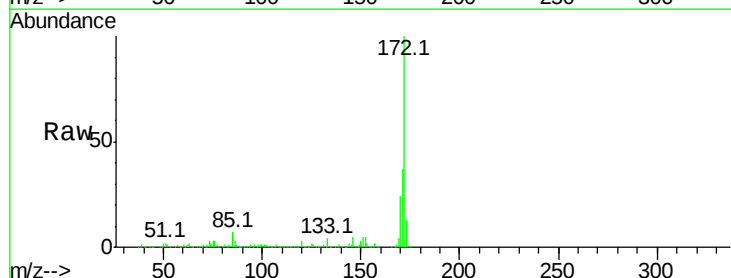


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

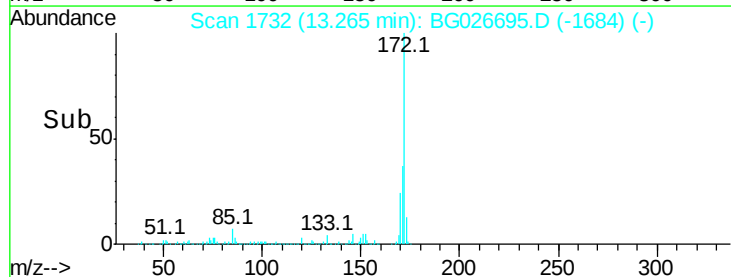
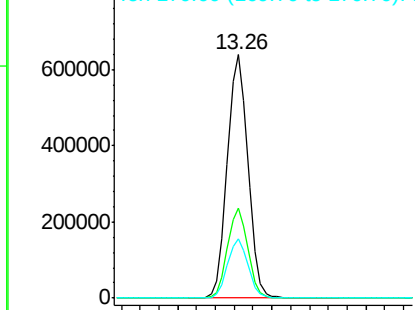


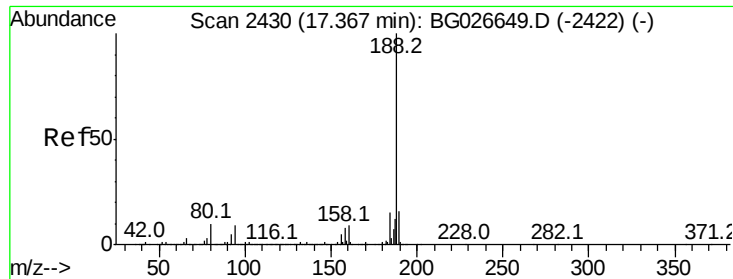
#44
 2-Fluorobiphenyl
 Concen: 29.23 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026695.D
 Acq: 21 Apr 2017 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	24.3	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026695.D

Acq: 21 Apr 2017 20:50

Instrument :

BNA_G

ClientSampleId :

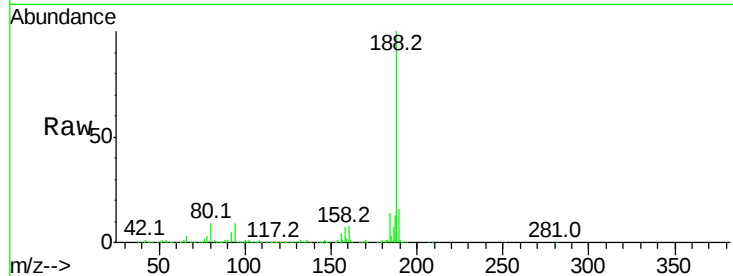
Tot Ion:188 Resp: 1252982

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.8#

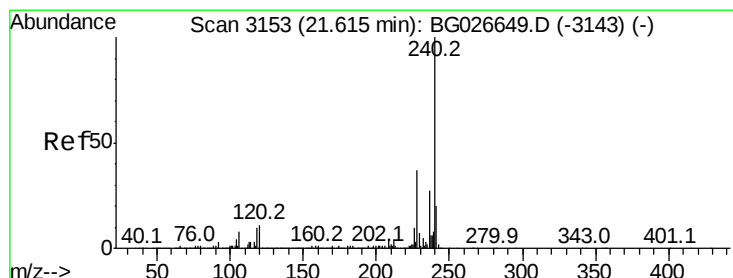
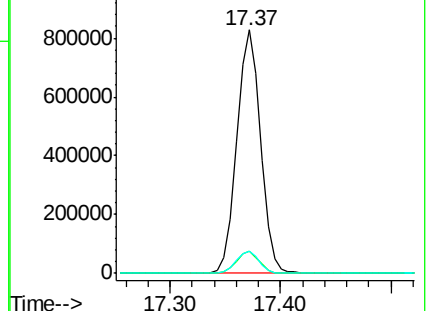
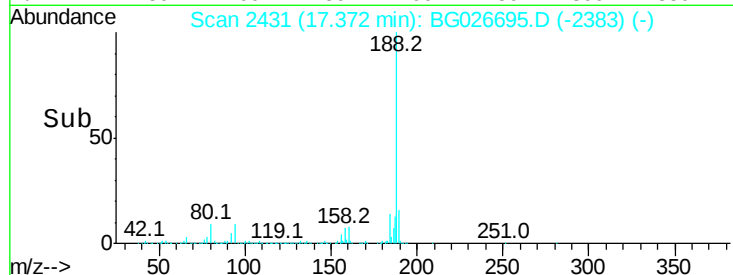
80 9.4 7.5 11.3



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: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026695.D

Acq: 21 Apr 2017 20:50

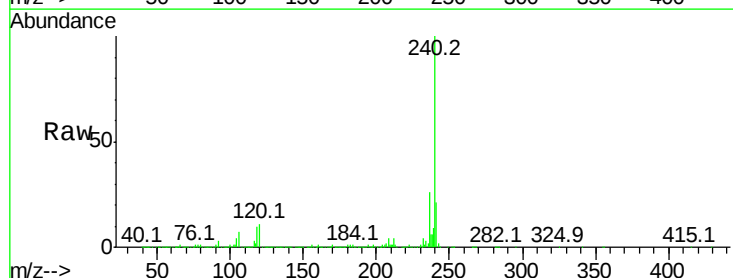
Tgt Ion:240 Resp: 1361607

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

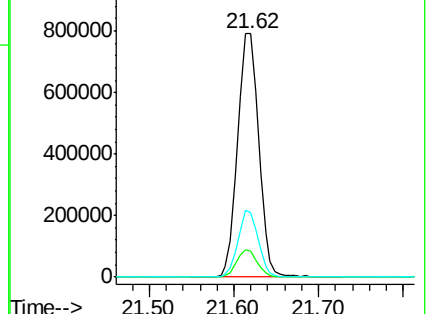
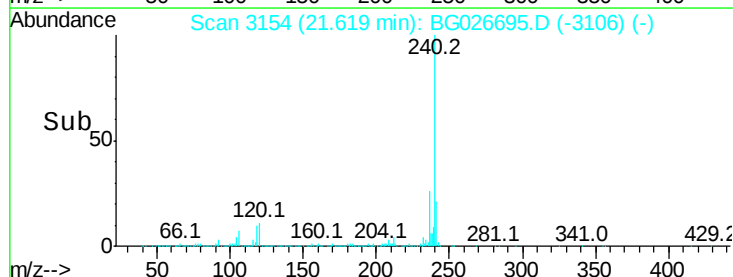
236 26.4 22.2 33.4

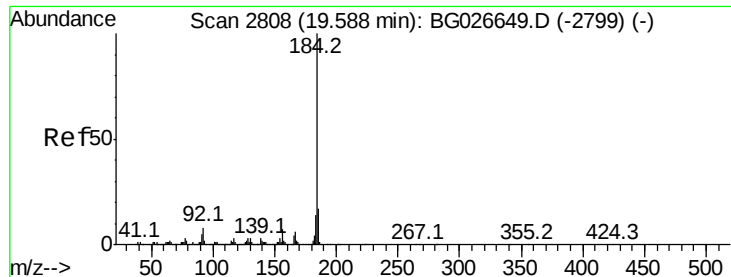


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.72 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026695.D

Acq: 21 Apr 2017 20:50

Instrument :

BNA_G

ClientSampleId :

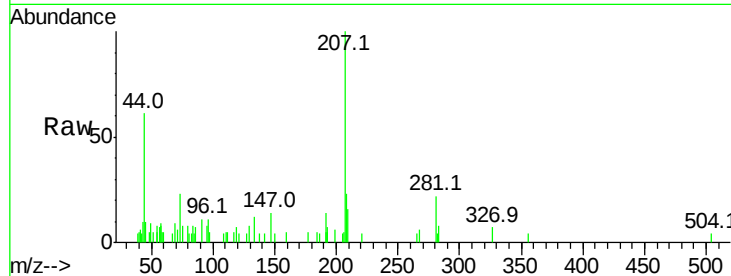
Tot Ion:184 Resp: 63

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

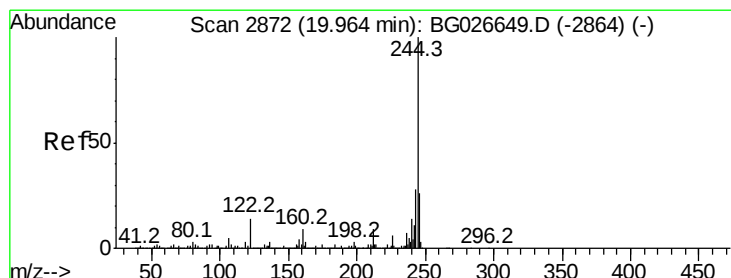
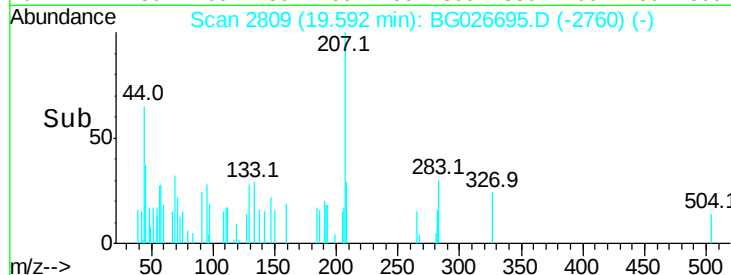
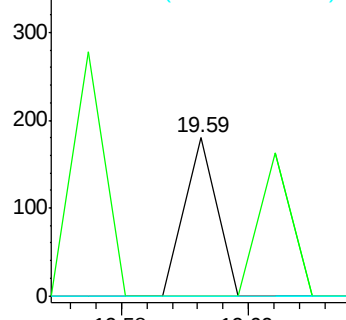
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 31.83 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026695.D

Acq: 21 Apr 2017 20:50

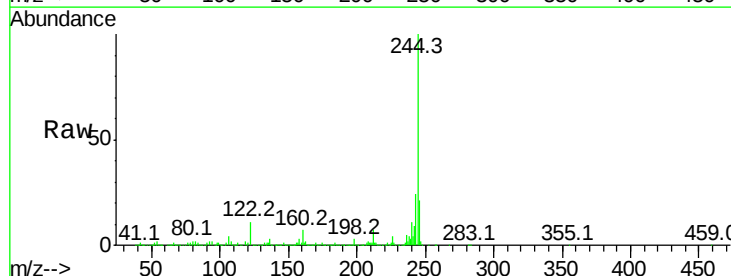
Tgt Ion:244 Resp: 1468188

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

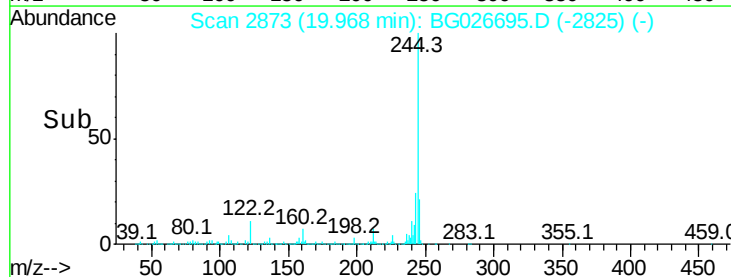
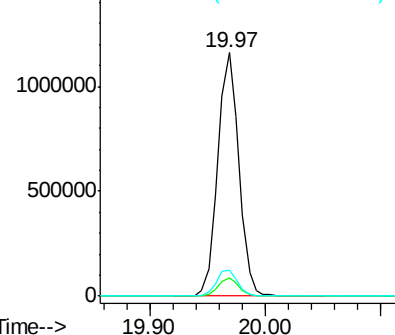
122 10.9 8.6 12.8

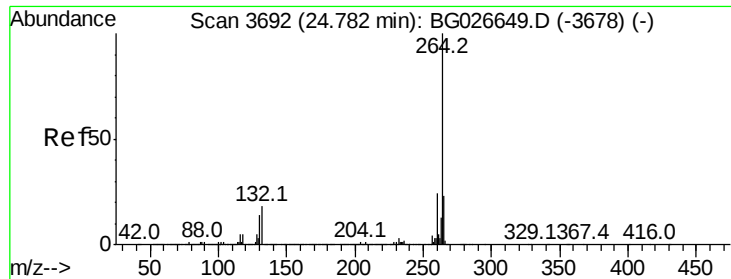


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



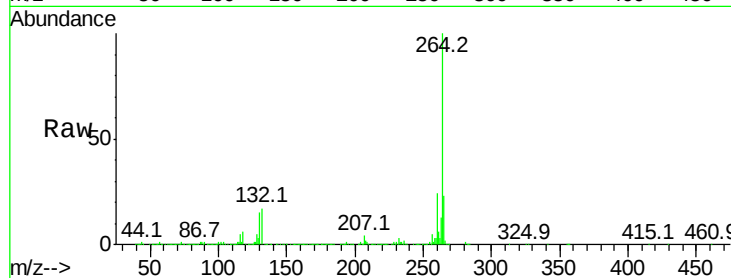


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. -0.03 min
 Lab File: BG026695.D
 Acq: 21 Apr 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 1329790

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.8	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

