

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032695.D
 Acq On : 14 Feb 2018 23:54
 Operator : SJ/JU
 Sample : PB106541BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106541BL

Quant Time: Feb 15 04:45:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

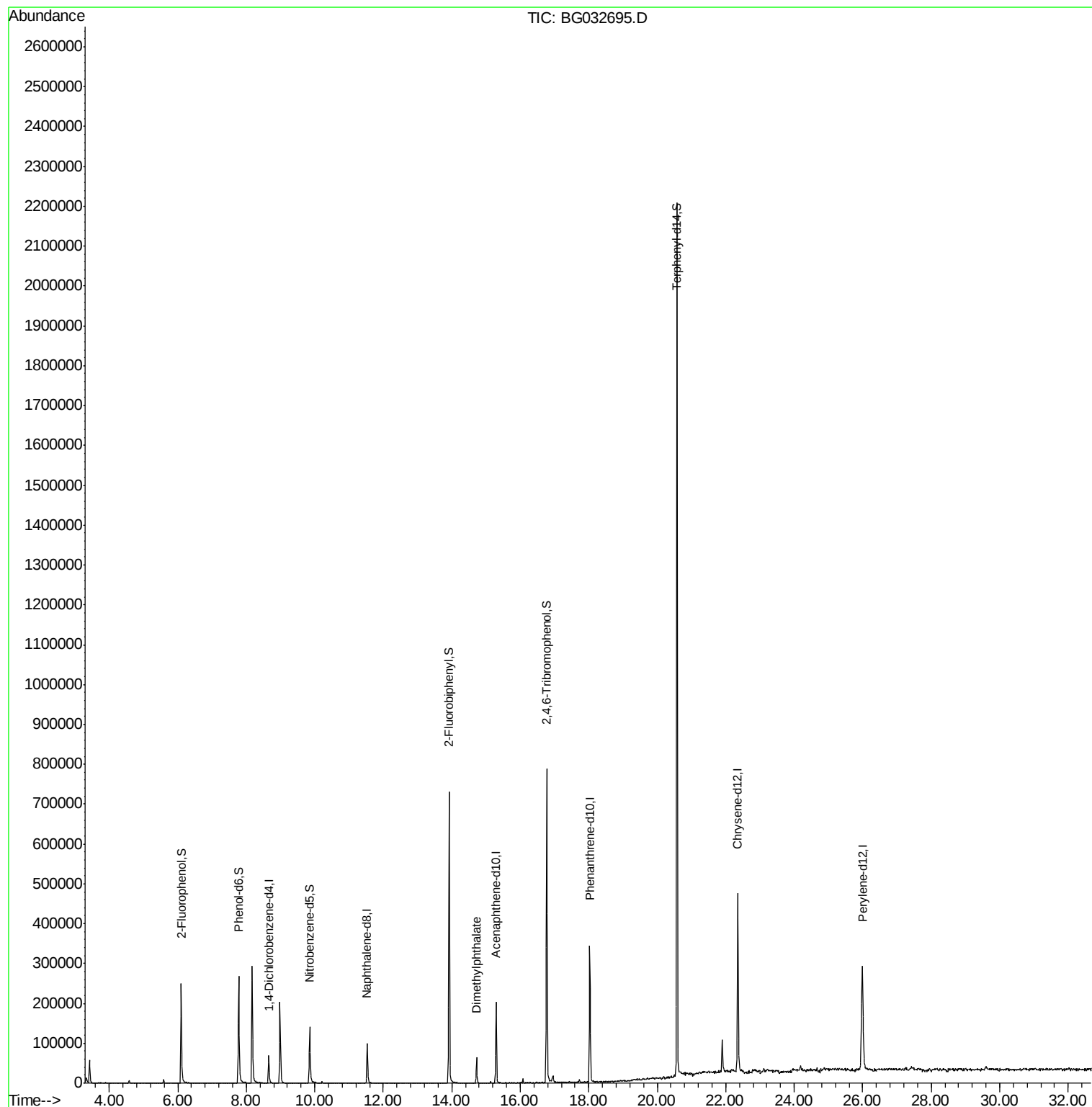
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	25085	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	107040	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	81692	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	247979	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	356183	20.00	ng	-0.02
86) Perylene-d12	25.98	264	370158	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	132386	105.89	ng	-0.01
7) Phenol-d6	7.78	99	174536	102.09	ng	-0.02
23) Nitrobenzene-d5	9.86	82	103916	61.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	175798	139.76	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	451630	69.13	ng	-0.01
78) Terphenyl-d14	20.57	244	1204066	77.05	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.72	163	48024	6.801	ng	Qvalue # 94

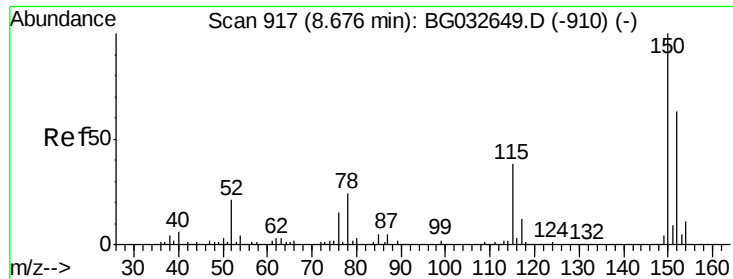
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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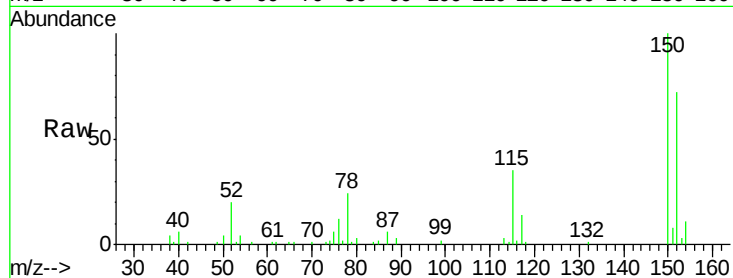


#1

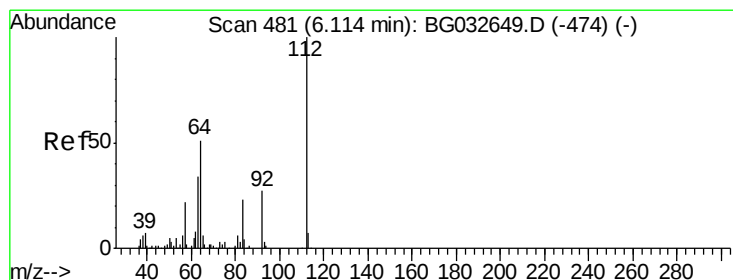
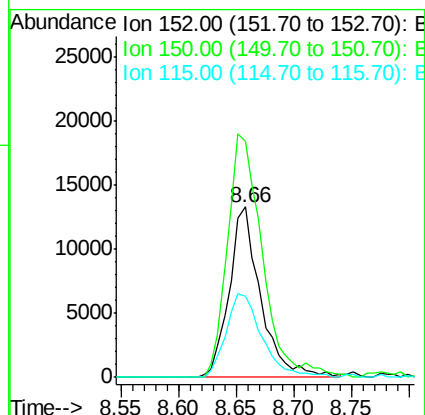
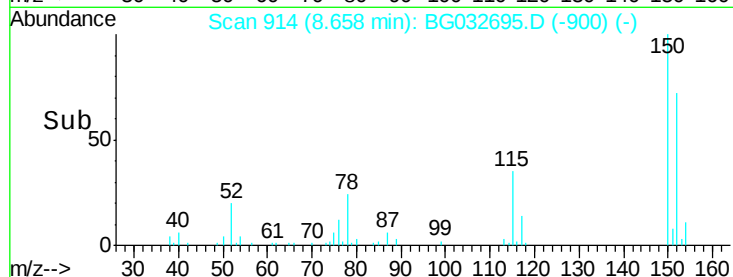
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.66 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG032695.D
 Acq: 14 Feb 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106541BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	126.6	189.8
115	47.9	53.0	79.4



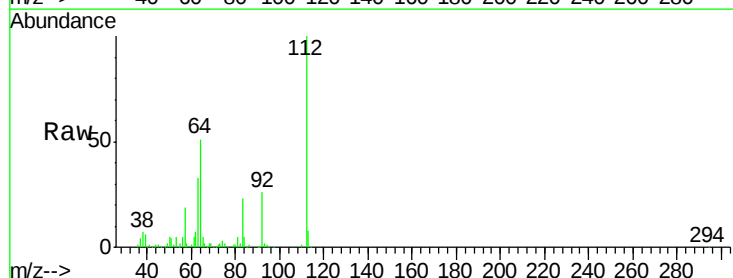
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



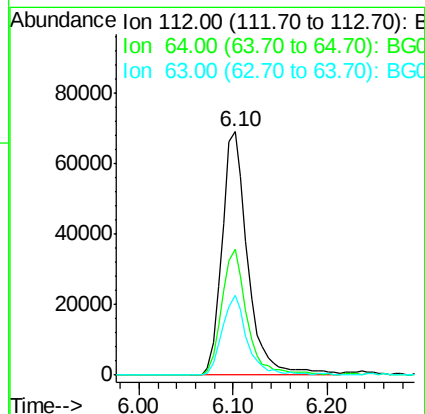
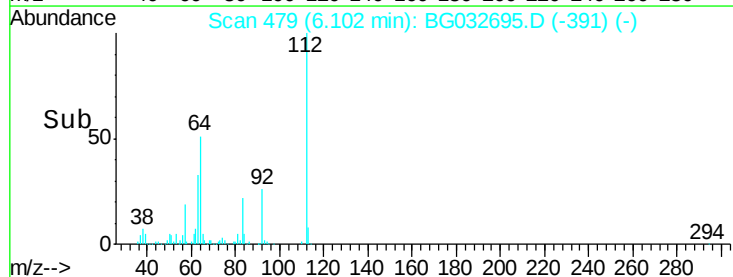
#5

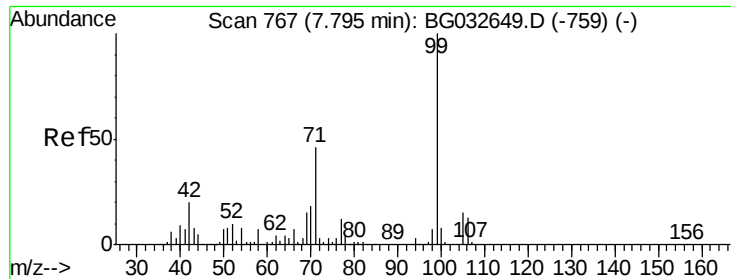
2-Fluorophenol
 Concen: 105.885 ng
 RT: 6.10 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG032695.D
 Acq: 14 Feb 2018 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	56.3	84.5
63	32.6	30.1	45.1



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: 102.090 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

Instrument :

BNA_G

ClientSampled :

PB106541BL

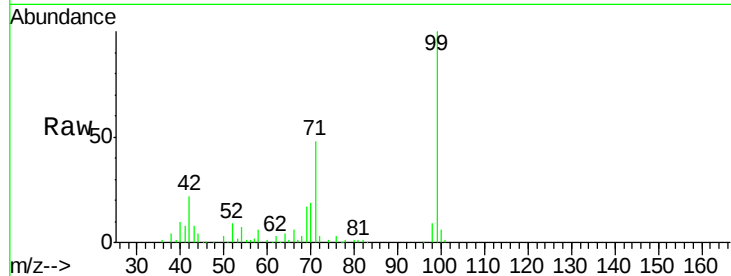
Tot Ion: 99 Resp: 174536

Ion Ratio Lower Upper

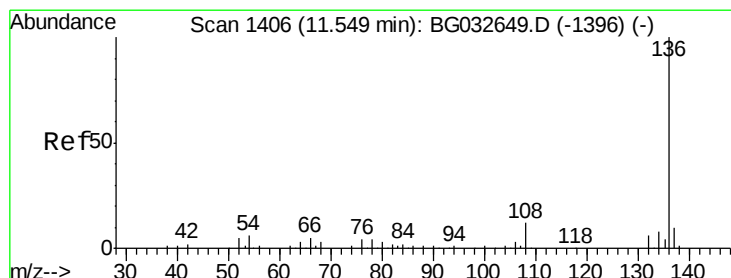
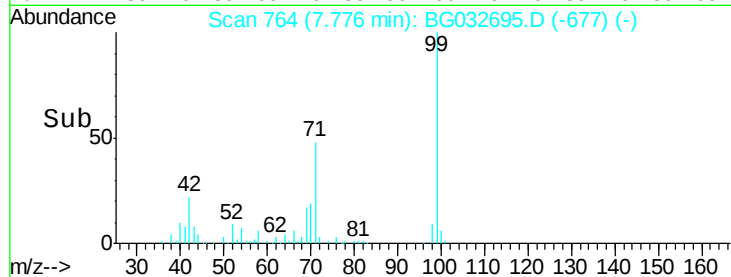
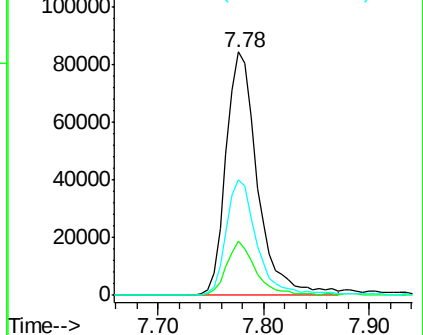
99 100

42 22.1 14.1 21.1#

71 47.6 26.1 39.1#



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: 20.000 ng

RT: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

Tgt Ion: 136 Resp: 107040

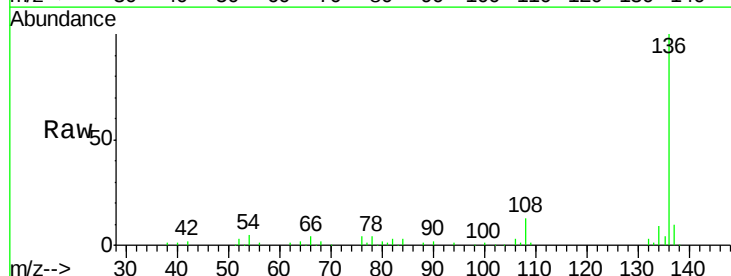
Ion Ratio Lower Upper

136 100

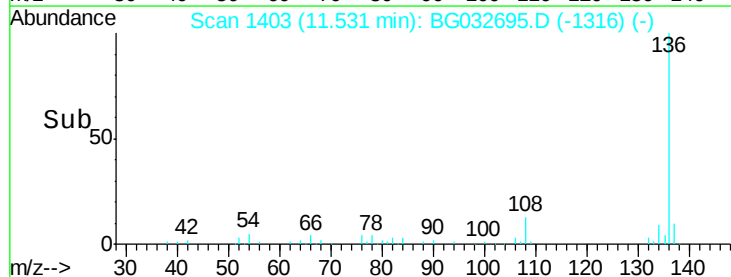
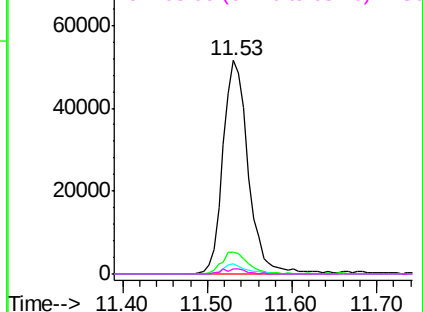
137 10.0 9.2 13.8

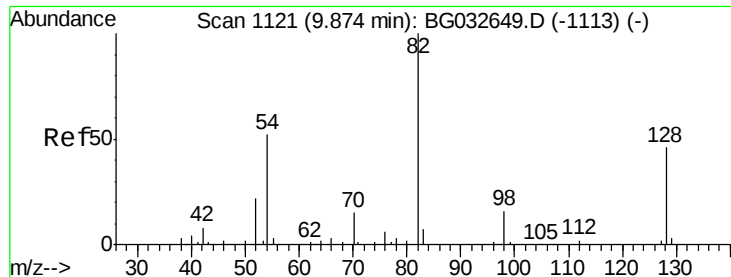
54 4.9 10.3 15.5#

68 2.4 4.5 6.7#



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

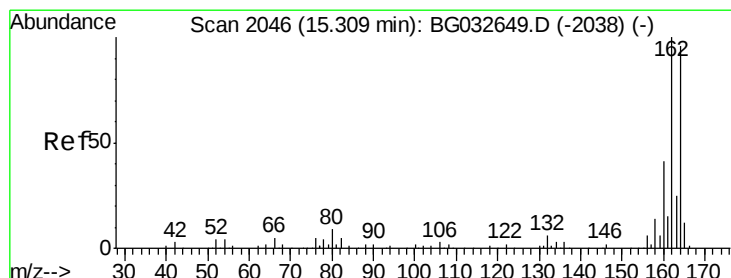
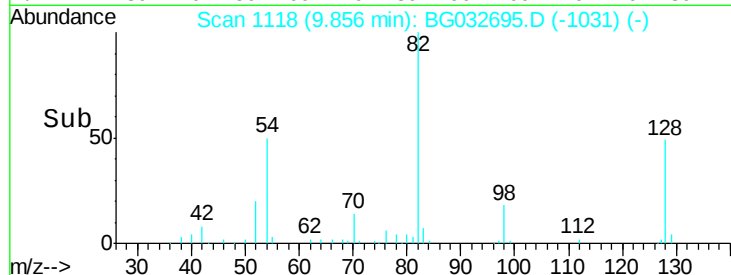
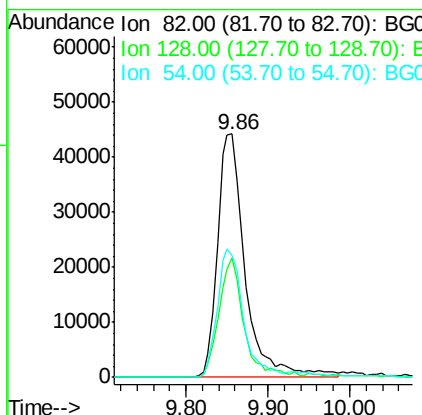
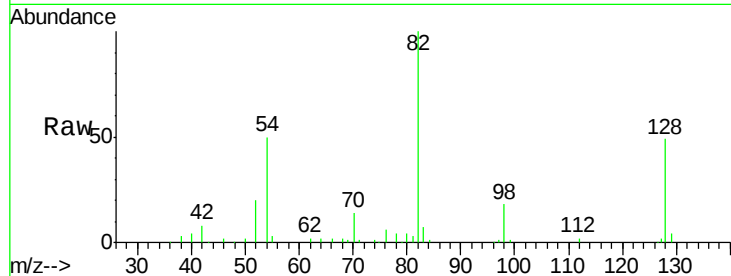




#23
 Nitrobenzene-d5
 Concen: 61.700 ng
 RT: 9.86 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG032695.D
 Acq: 14 Feb 2018 23:54

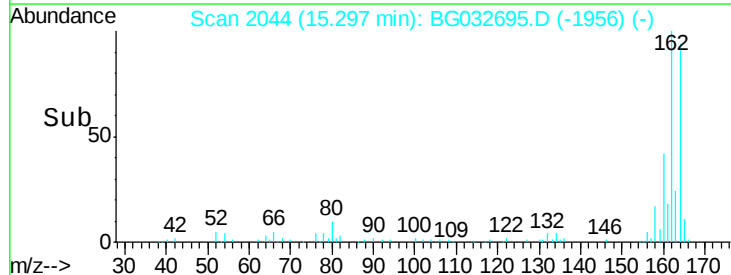
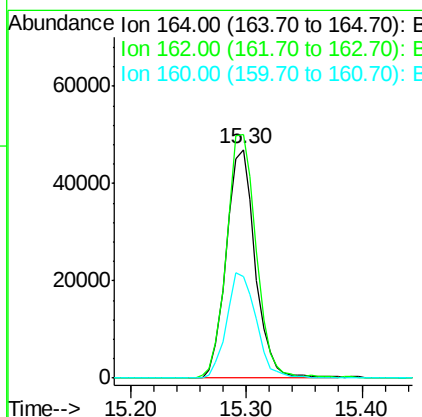
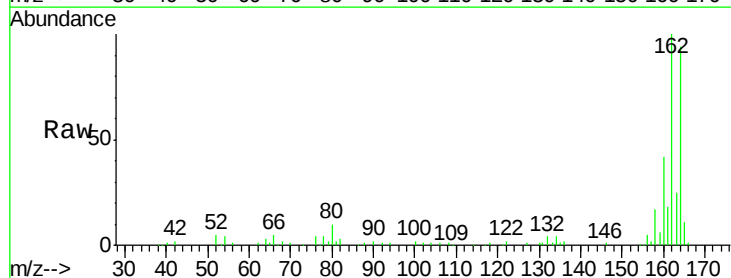
Instrument :
 BNA_G
 ClientSampleId :
 PB106541BL

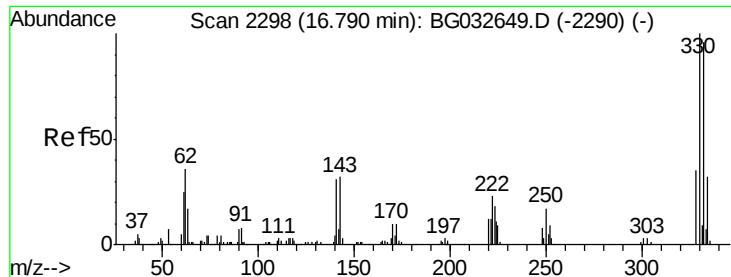
Tot Ion	82	Resp	103916
Ion Ratio	Lower	Upper	
82	100		
128	49.0	29.7	44.5#
54	50.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032695.D
 Acq: 14 Feb 2018 23:54

Tgt Ion	164	Resp	81692
Ion Ratio	Lower	Upper	
164	100		
162	106.6	78.8	118.2
160	44.5	35.4	53.0

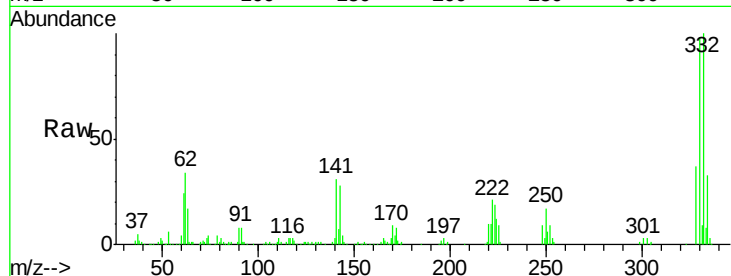




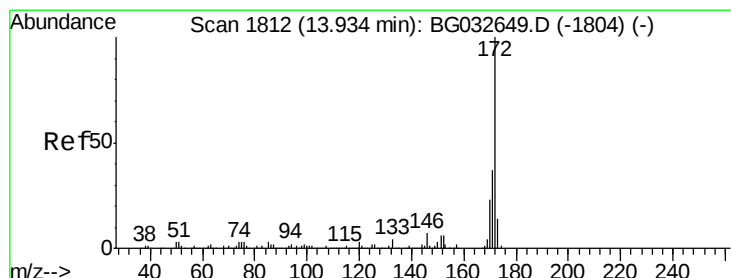
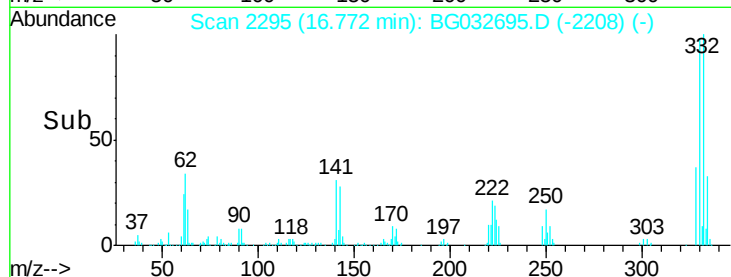
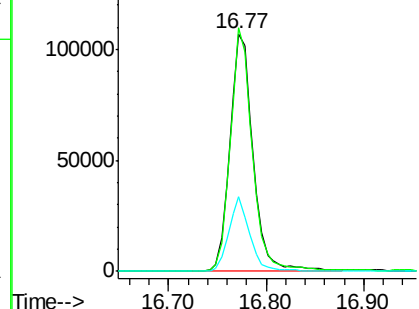
#41
 2,4,6-Tribromophenol
 Concen: 139.757 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032695.D
 Acq: 14 Feb 2018 23:54

Instrument :
 BNA_G
 ClientSampleID :
 PB106541BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.5	25.2	37.8

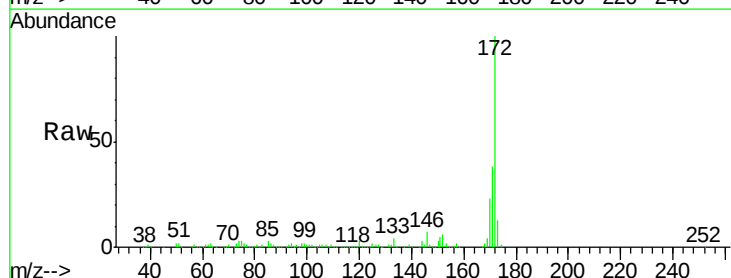


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

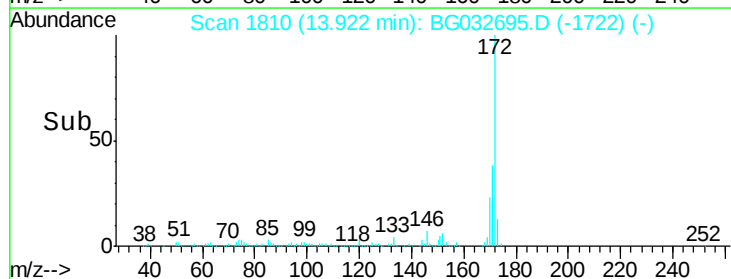
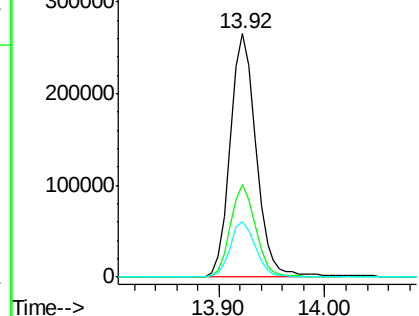


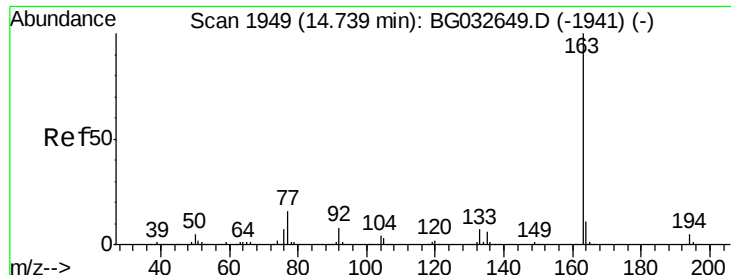
#44
 2-Fluorobiphenyl
 Concen: 69.135 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032695.D
 Acq: 14 Feb 2018 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.0	19.5	29.3



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: 6.801 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB106541BL

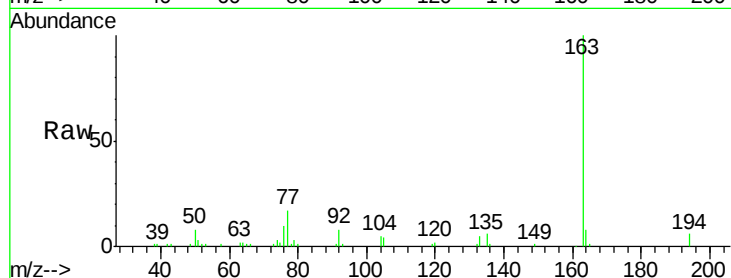
Tot Ion:163 Resp: 48024

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

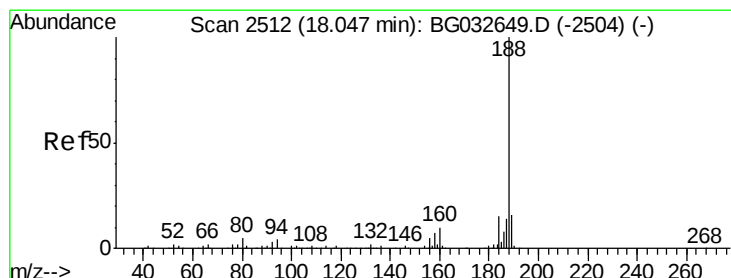
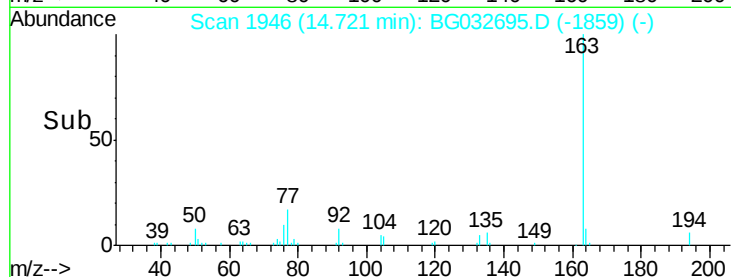
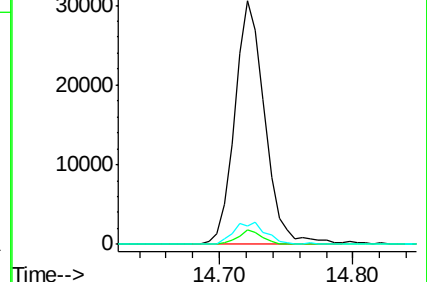
164 7.7 8.2 12.4#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

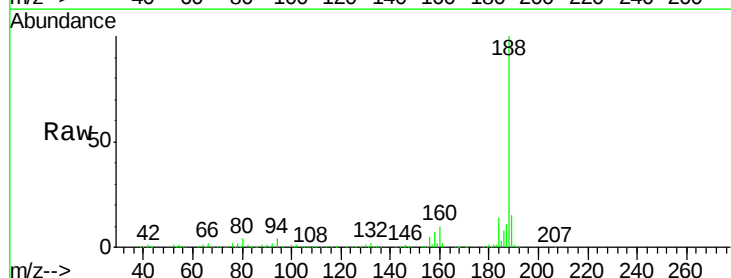
Tgt Ion:188 Resp: 247979

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

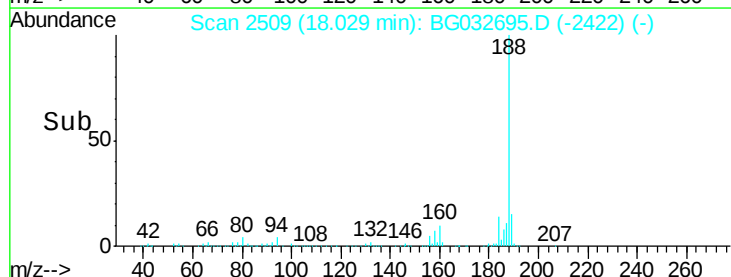
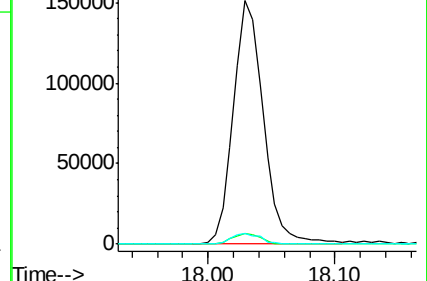
80 4.4 7.7 11.5#

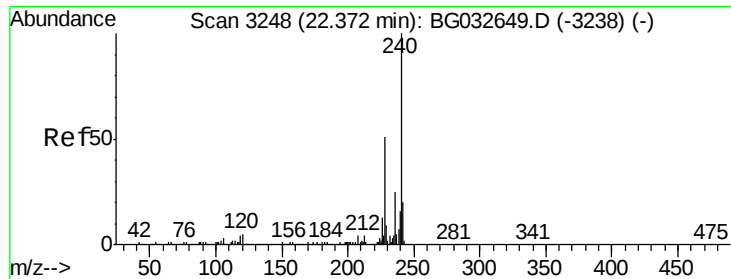


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.02 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB106541BL

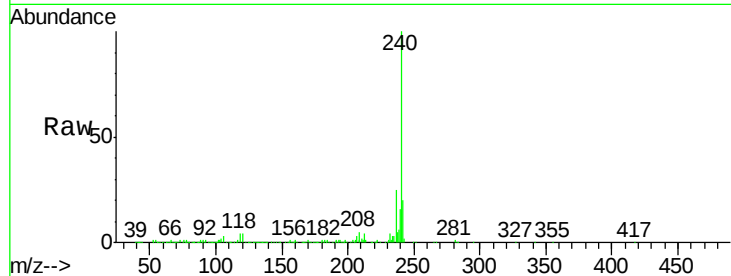
Tot Ion:240 Resp: 356183

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

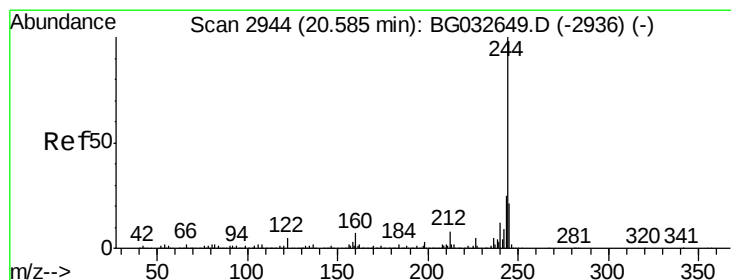
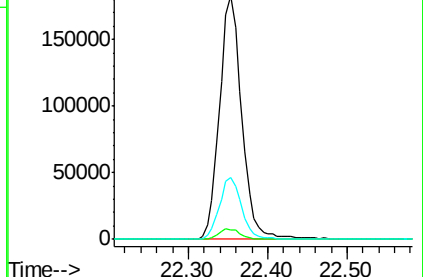
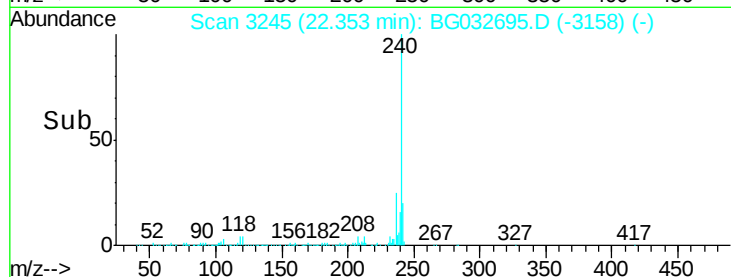
236 25.2 20.9 31.3



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: 77.048 ng

RT: 20.57 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

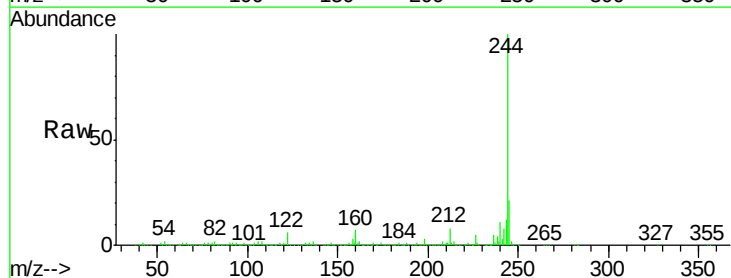
Tgt Ion:244 Resp: 1204066

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

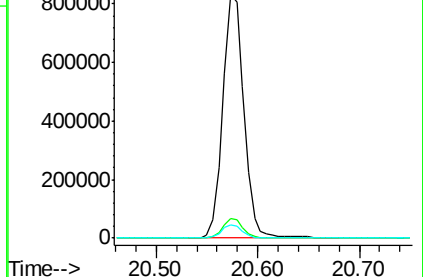
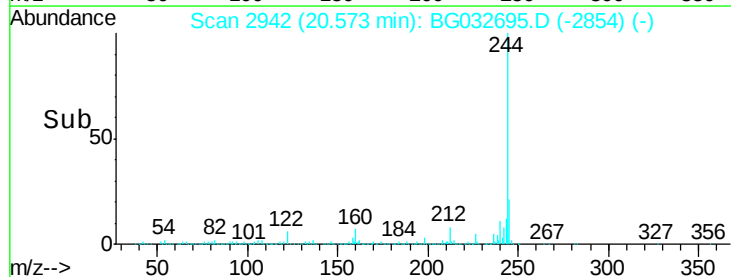
122 5.7 7.0 10.4#

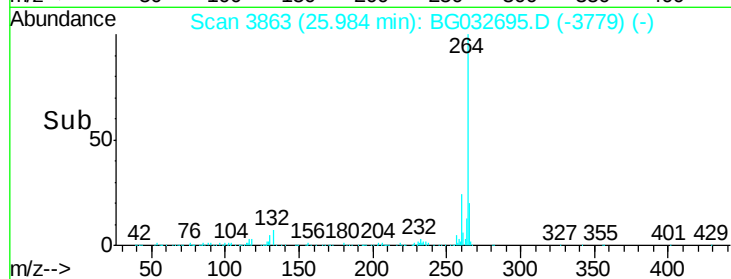
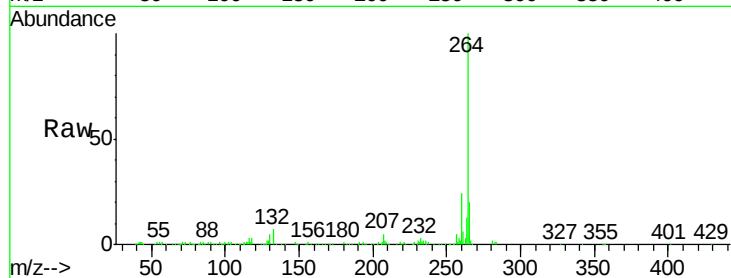
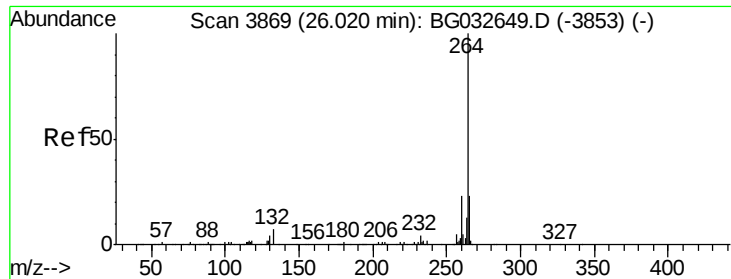


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.98 min Scan# 3863

Delta R.T. -0.04 min

Lab File: BG032695.D

Acq: 14 Feb 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB106541BL

Tot Ion:264 Resp: 370158

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 20.5 17.7 26.5

