

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032846.D
 Acq On : 27 Feb 2018 6:56
 Operator : SJ/JU
 Sample : J1691-48
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B12

Quant Time: Feb 27 09:48:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

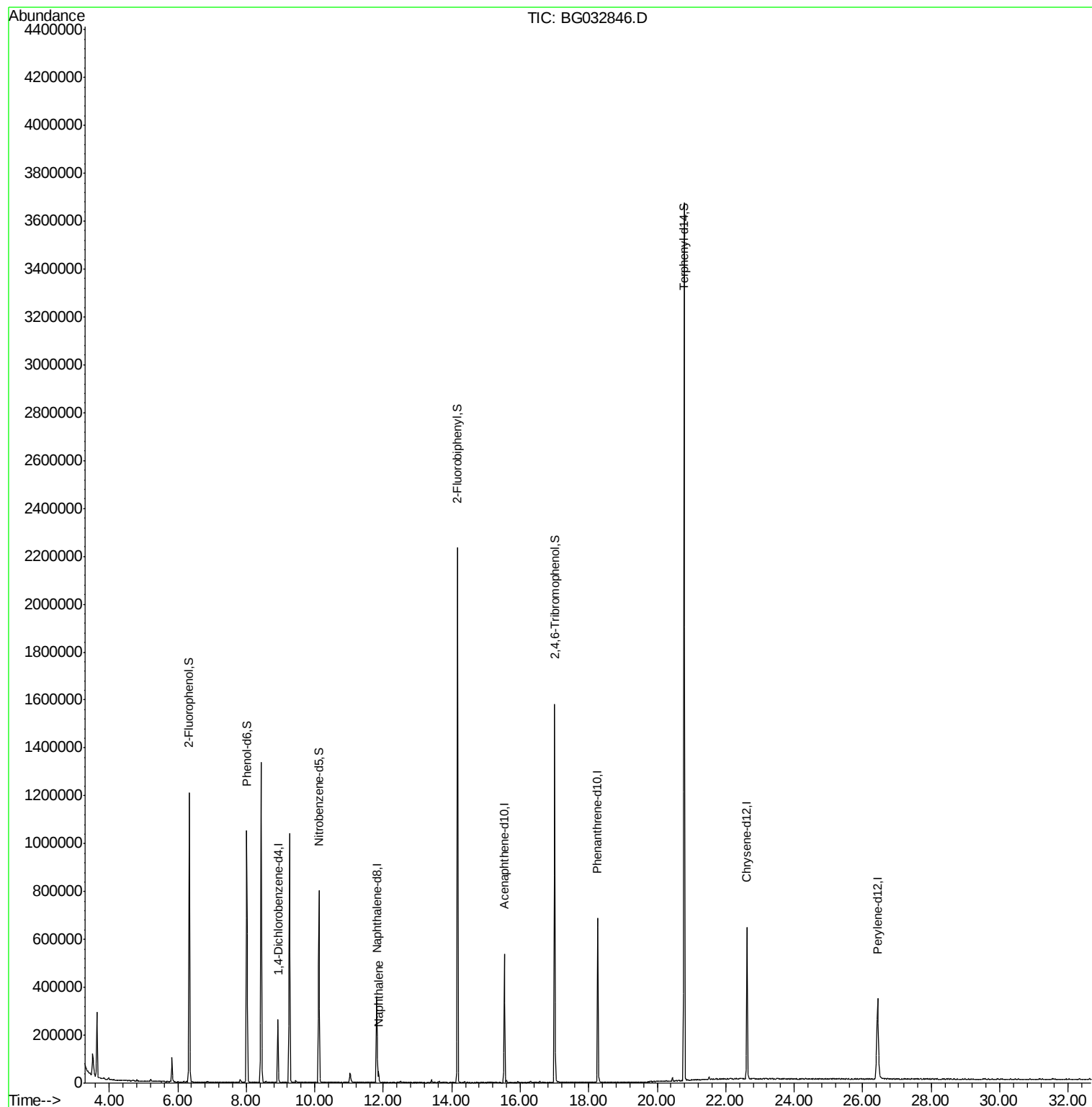
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	77275	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	331902	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	187165	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	425249	20.00	ng	0.00
75) Chrysene-d12	22.62	240	393284	20.00	ng	-0.01
86) Perylene-d12	26.43	264	411903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	580139	120.11	ng	0.00
7) Phenol-d6	8.02	99	674493	100.18	ng	0.00
23) Nitrobenzene-d5	10.12	82	502408	102.71	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	273997	139.23	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1153957	88.92	ng	0.00
78) Terphenyl-d14	20.78	244	1597777	91.28	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	41252	2.379	ng	Qvalue 100

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

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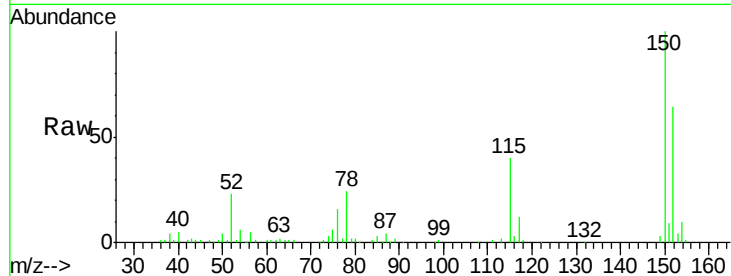


#1

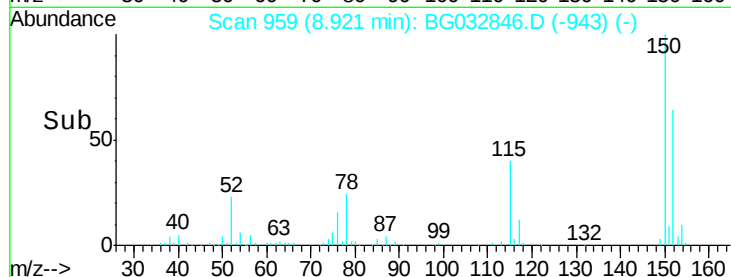
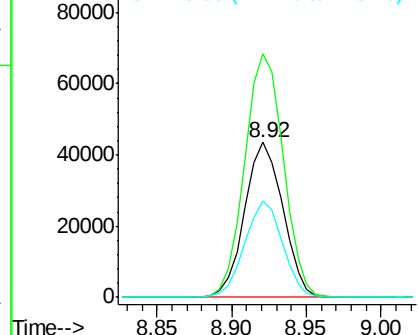
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032846.D
Acq: 27 Feb 2018 6:56

Instrument :
BNA_G
ClientSampled :
B12

Tot Ion:152 Resp: 77275
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 62.4 53.0 79.4



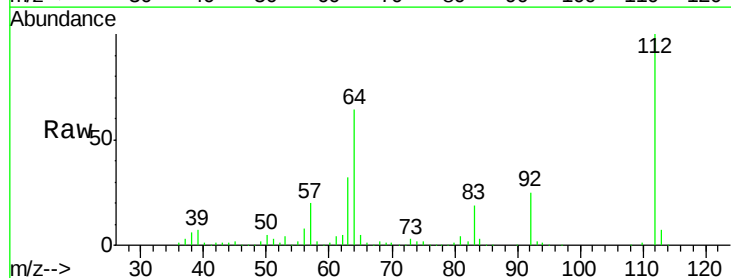
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



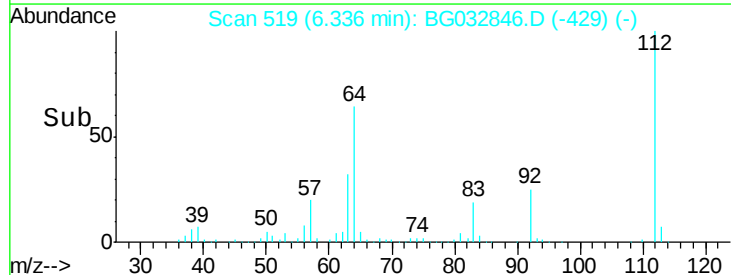
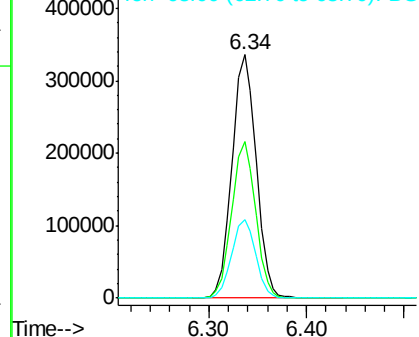
#5

2-Fluorophenol
Concen: 120.108 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032846.D
Acq: 27 Feb 2018 6:56

Tgt Ion:112 Resp: 580139
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 32.2 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: 100.184 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

Instrument :

BNA_G

ClientSampled :

B12

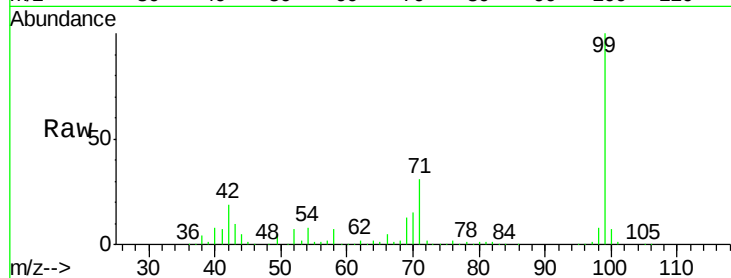
Tot Ion: 99 Resp: 674493

Ion Ratio Lower Upper

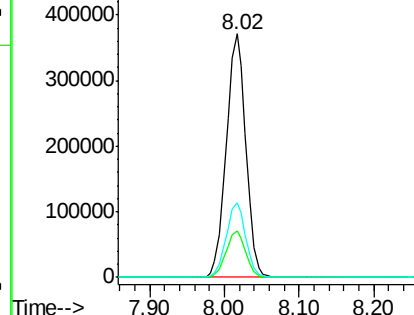
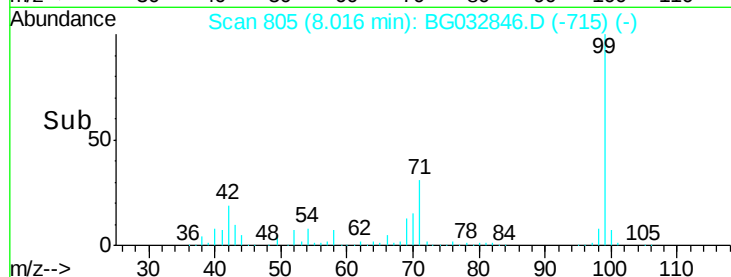
99 100

42 19.2 14.1 21.1

71 30.7 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: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

Tgt Ion: 136 Resp: 331902

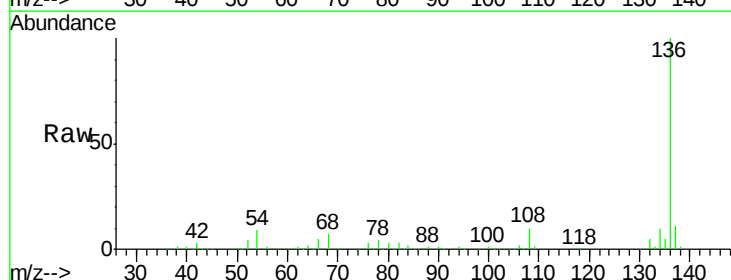
Ion Ratio Lower Upper

136 100

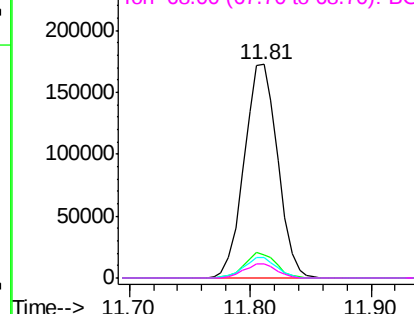
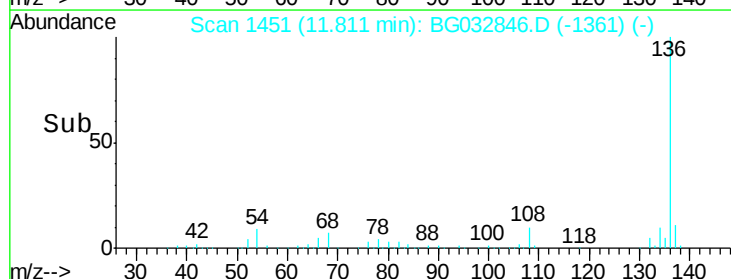
137 11.0 9.2 13.8

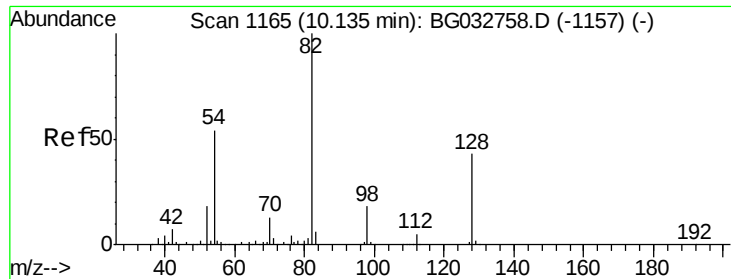
54 9.5 10.3 15.5#

68 6.7 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

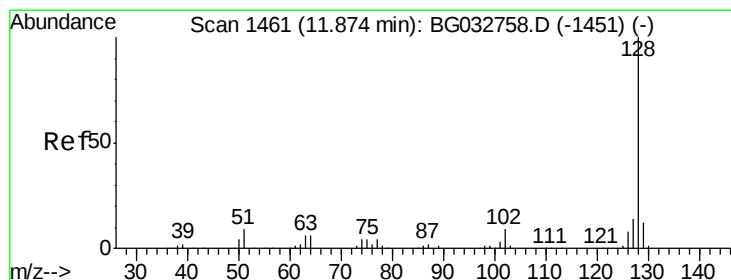
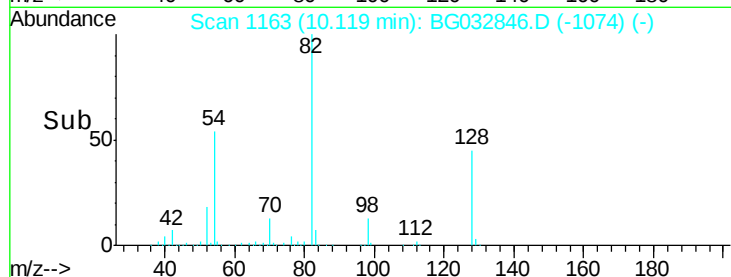
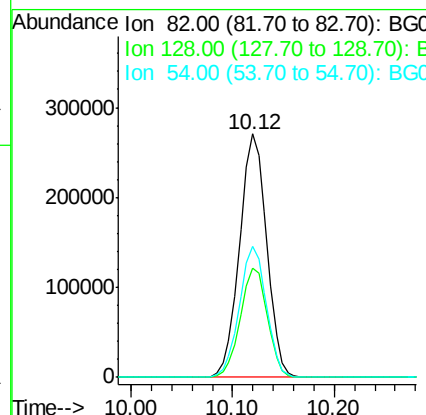
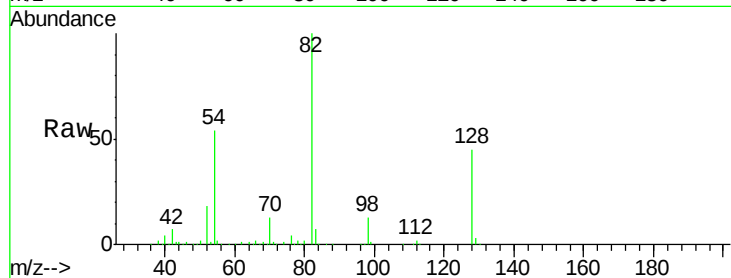




#23
Nitrobenzene-d5
Concen: 102.707 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032846.D
Acq: 27 Feb 2018 6:56

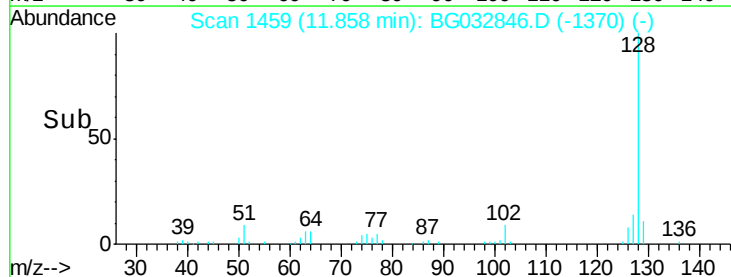
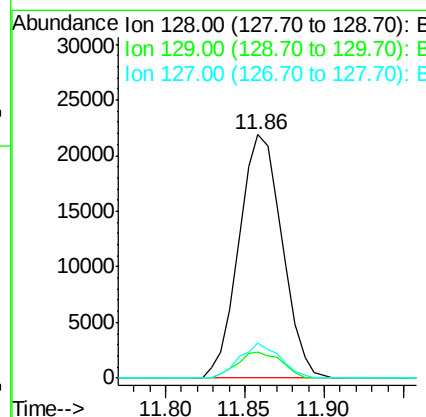
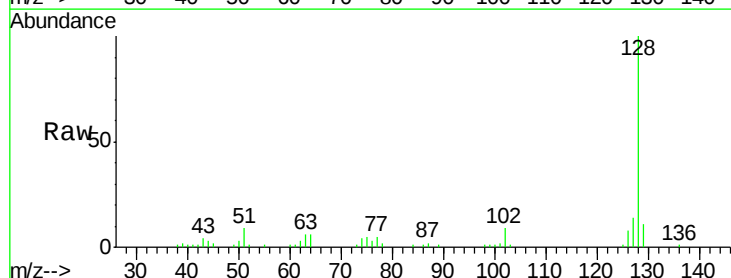
Instrument :
BNA_G
ClientSampled :
B12

Tot Ion	82	Resp	502408
Ion Ratio	Lower	Upper	
82	100		
128	44.9	29.7	44.5#
54	53.8	43.1	64.7



#31
Naphthalene
Concen: 2.379 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG032846.D
Acq: 27 Feb 2018 6:56

Tgt Ion	128	Resp	41252
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	14.2	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

Instrument :

BNA_G

ClientSampleId :

B12

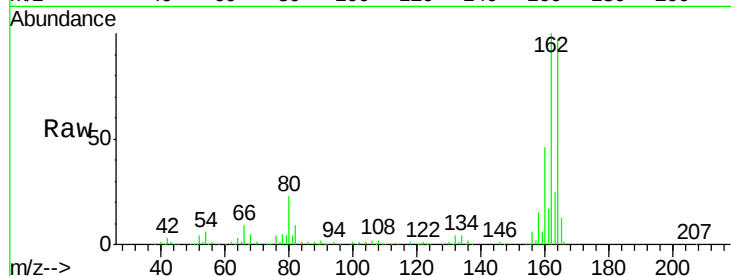
Tot Ion:164 Resp: 187165

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

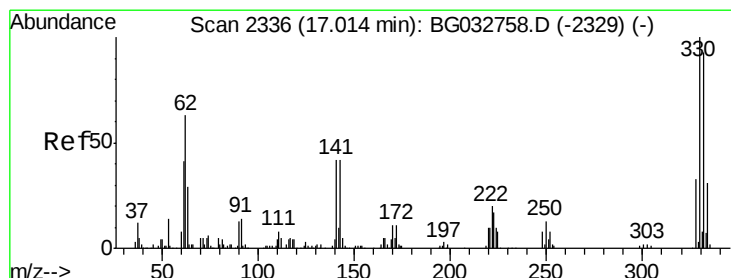
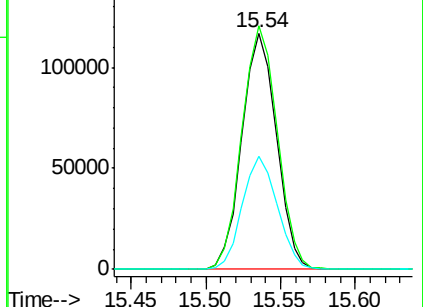
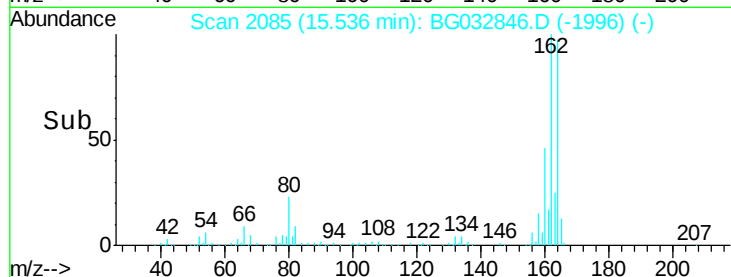
160 47.8 35.4 53.0



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: 139.228 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

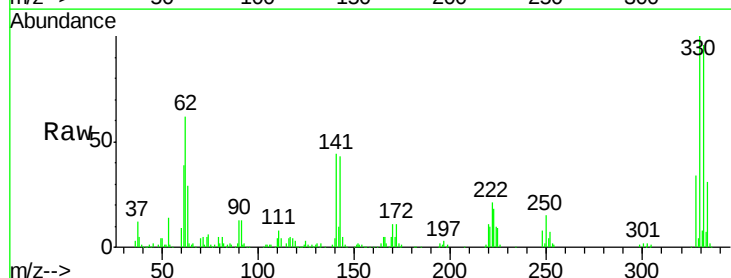
Tgt Ion:330 Resp: 273997

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

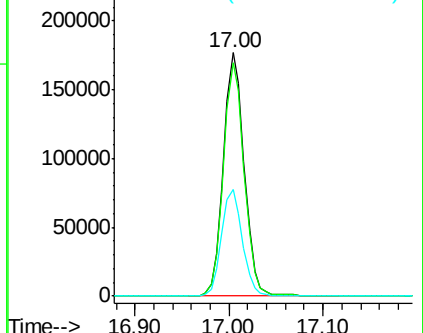
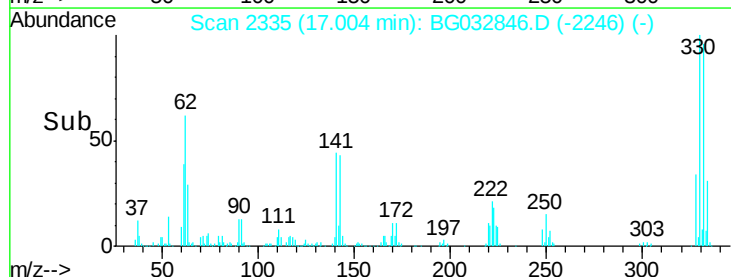
141 43.9 25.2 37.8#



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



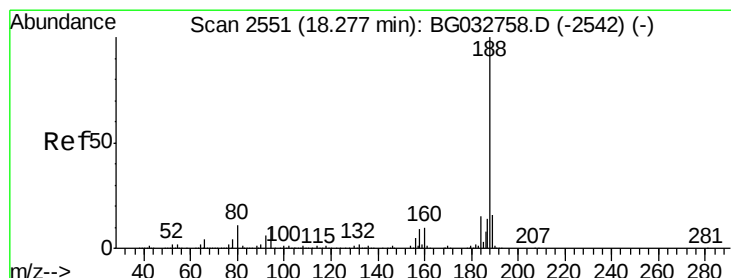
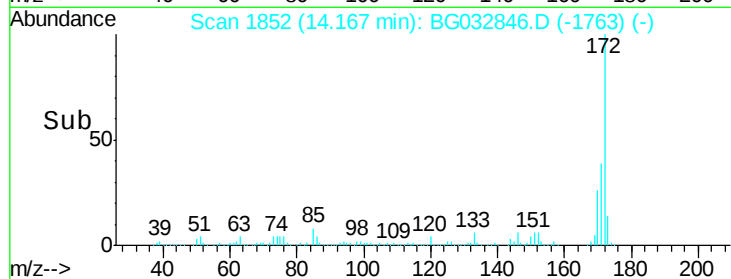
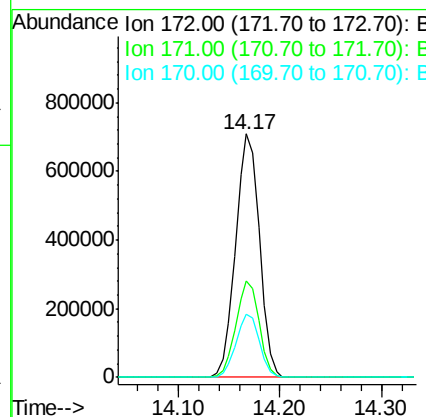
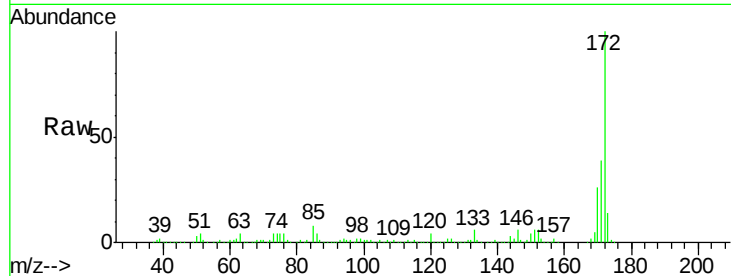


#44
 2-Fluorobiphenyl
 Concen: 88.921 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032846.D
 Acq: 27 Feb 2018 6:56

Instrument :
 BNA_G
 ClientSampleId :
 B12

Tot Ion:172 Resp: 1153957

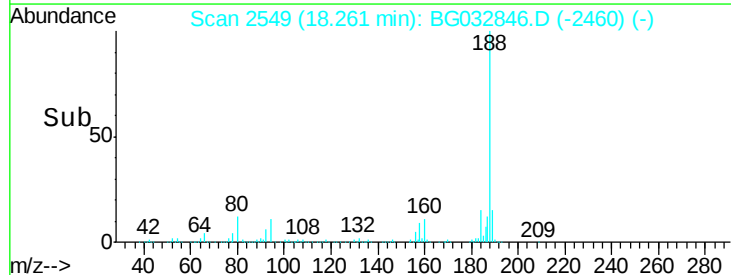
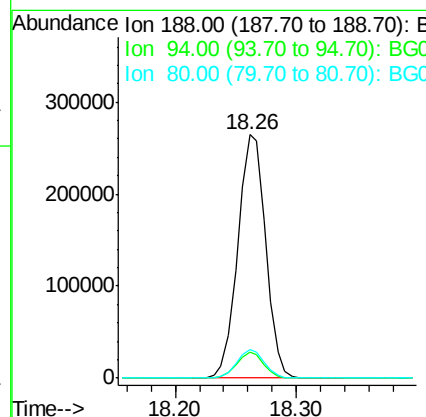
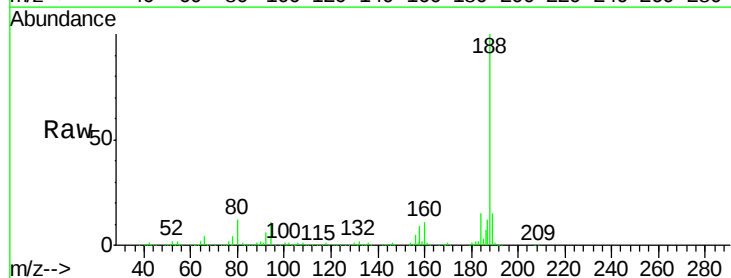
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	25.9	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032846.D
 Acq: 27 Feb 2018 6:56

Tgt Ion:188 Resp: 425249

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	12.0	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

Instrument :

BNA_G

ClientSampleId :

B12

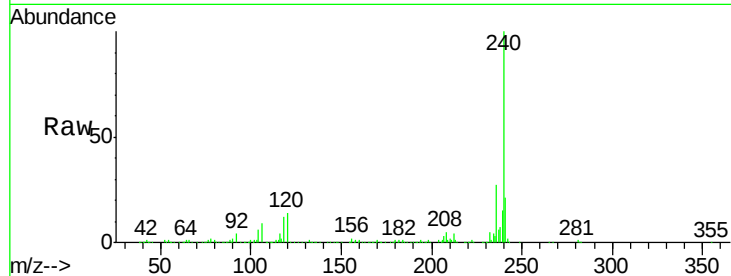
Tot Ion:240 Resp: 393284

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

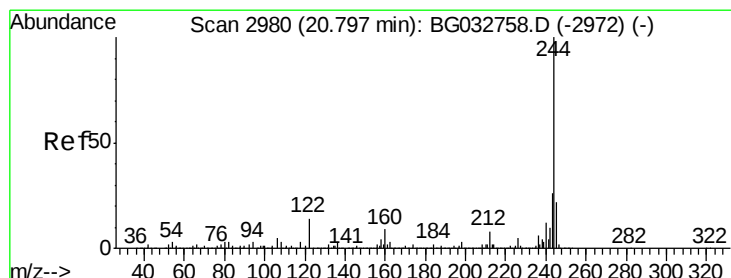
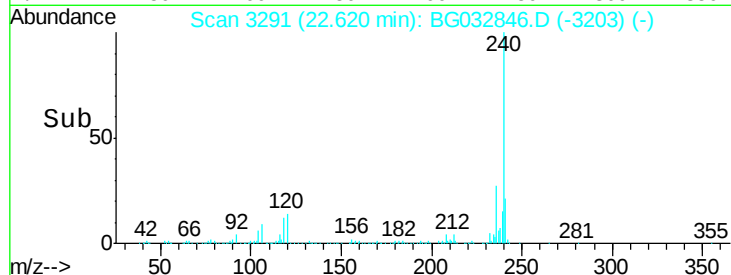
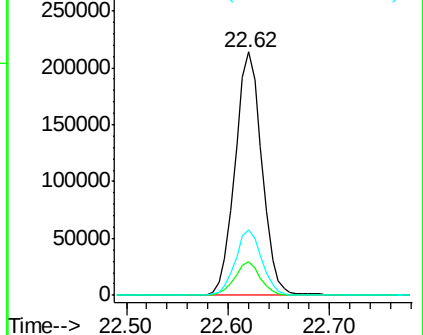
236 27.2 20.9 31.3



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: 91.277 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

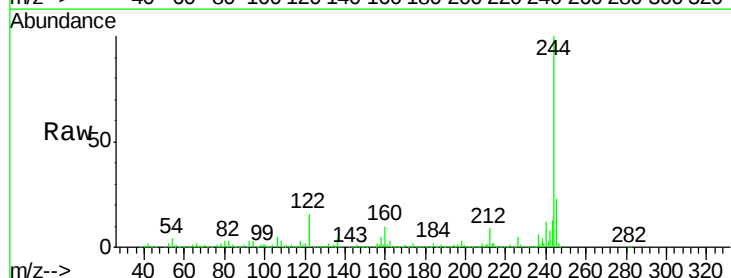
Tgt Ion:244 Resp: 1597777

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

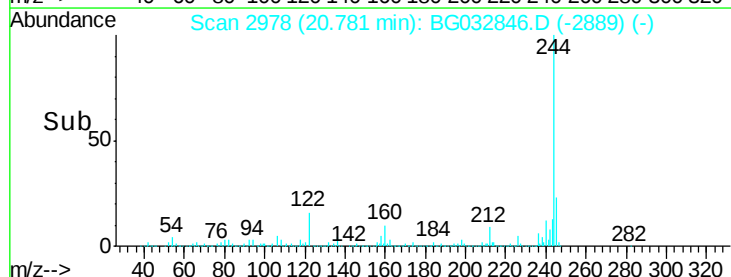
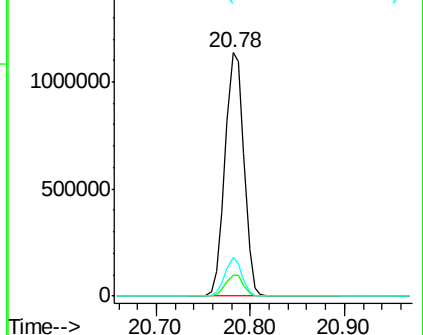
122 15.7 7.0 10.4#

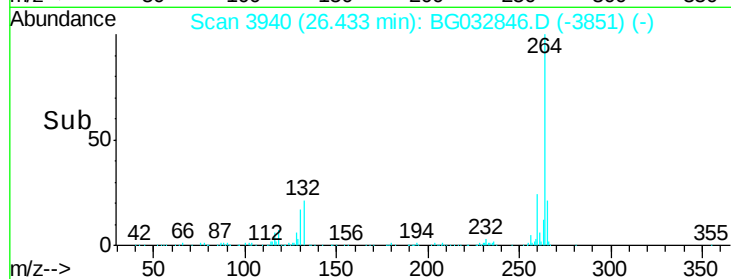
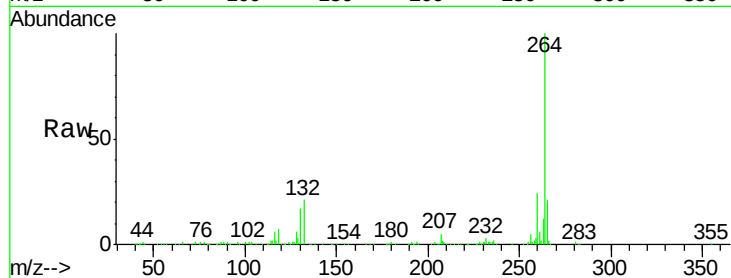
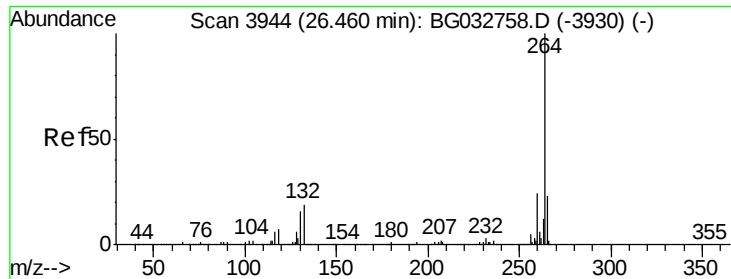


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BG032846.D

Acq: 27 Feb 2018 6:56

Instrument :

BNA_G

ClientSampleId :

B12

Tot Ion:264 Resp: 411903

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.4 17.7 26.5

