

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032844.D
 Acq On : 27 Feb 2018 5:41
 Operator : SJ/JU
 Sample : J1691-40
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B10

Quant Time: Feb 27 07:18:39 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

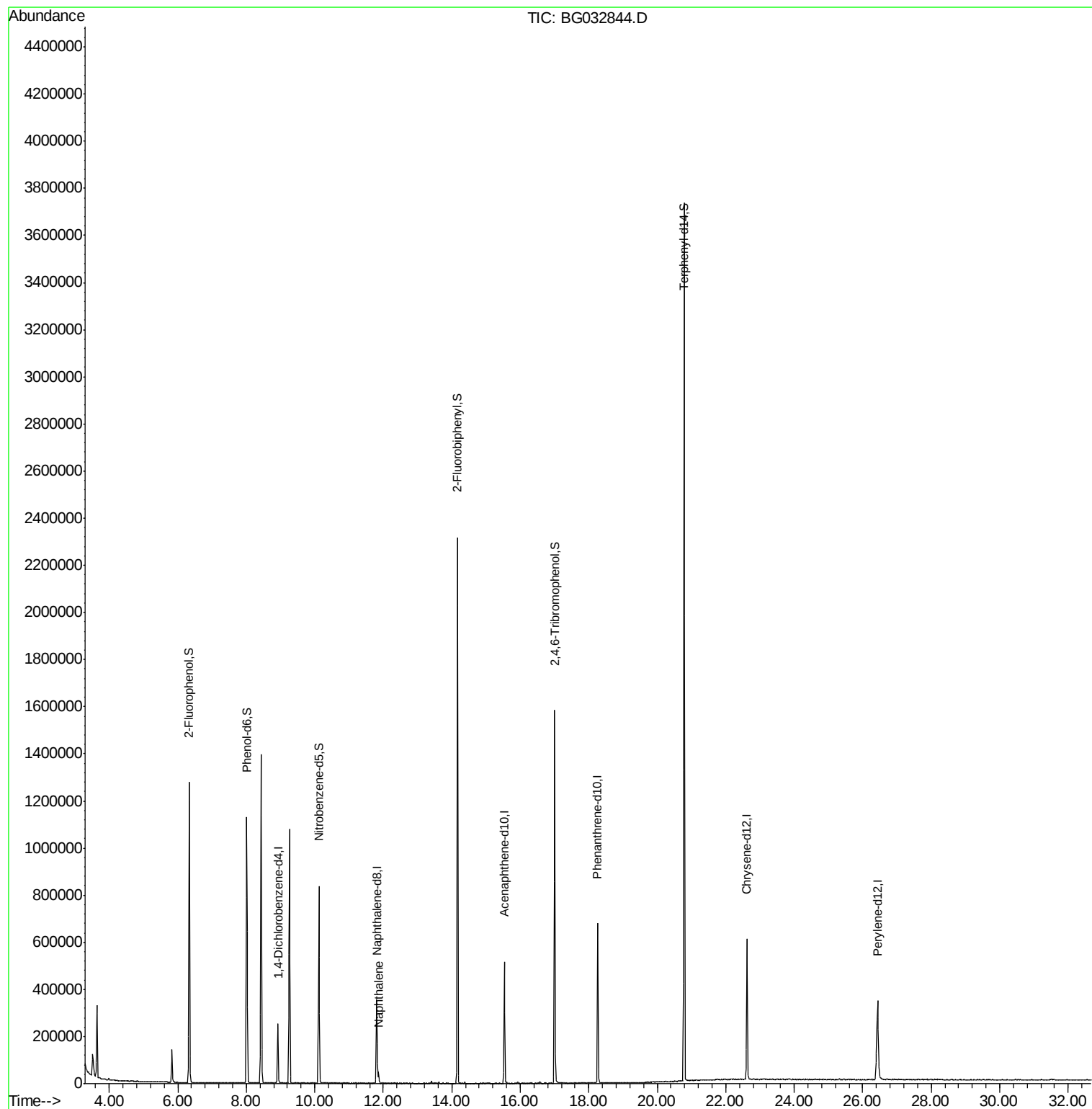
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	77207	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	325183	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179535	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	410763	20.00	ng	0.00
75) Chrysene-d12	22.62	240	388968	20.00	ng	-0.01
86) Perylene-d12	26.43	264	403924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	623721	129.25	ng	0.00
7) Phenol-d6	8.02	99	727154	108.10	ng	0.00
23) Nitrobenzene-d5	10.12	82	525357	108.95	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	281789	149.27	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1183390	95.06	ng	0.00
78) Terphenyl-d14	20.78	244	1661710	95.98	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	41734	2.456	ng	Qvalue 98

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

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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



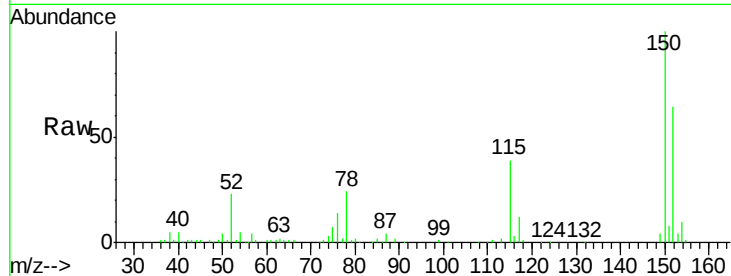


#1

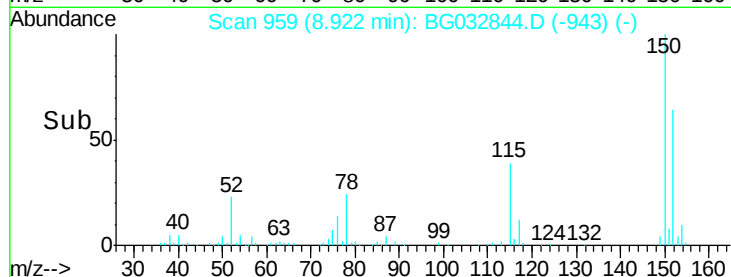
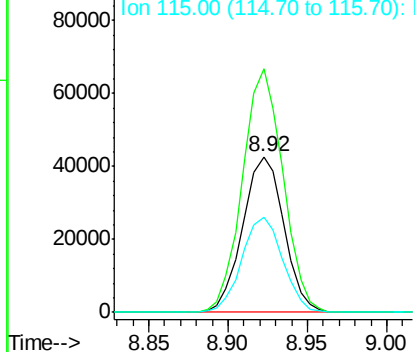
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032844.D
Acq: 27 Feb 2018 5:41

Instrument :
BNA_G
ClientSampled :
B10

Tot Ion:152 Resp: 77207
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 61.2 53.0 79.4



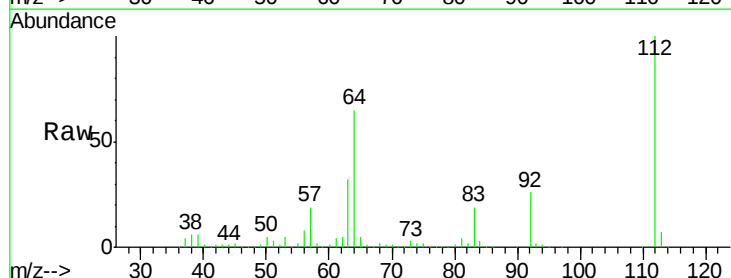
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



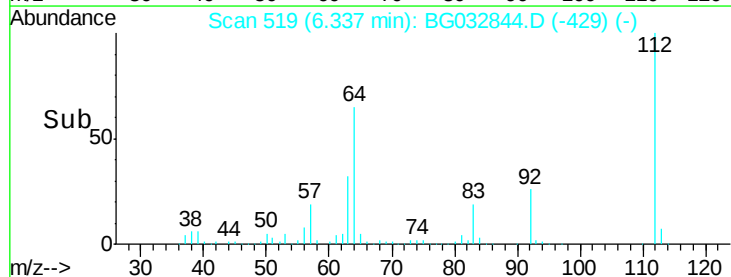
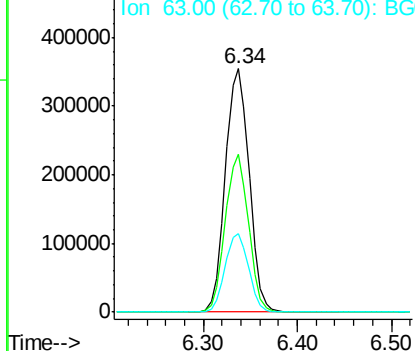
#5

2-Fluorophenol
Concen: 129.245 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032844.D
Acq: 27 Feb 2018 5:41

Tgt Ion:112 Resp: 623721
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 32.4 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: 108.101 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032844.D

Acq: 27 Feb 2018 5:41

Instrument :

BNA_G

ClientSampled :

B10

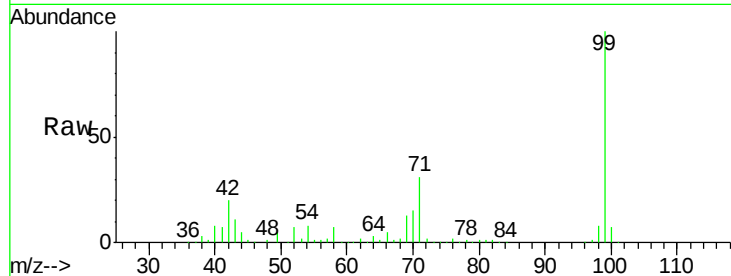
Tot Ion: 99 Resp: 727154

Ion Ratio Lower Upper

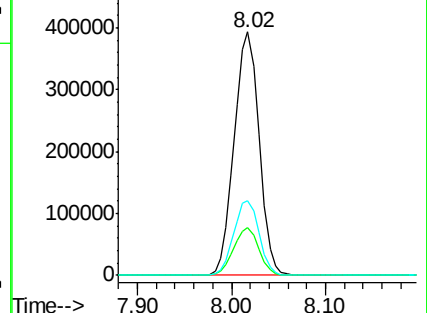
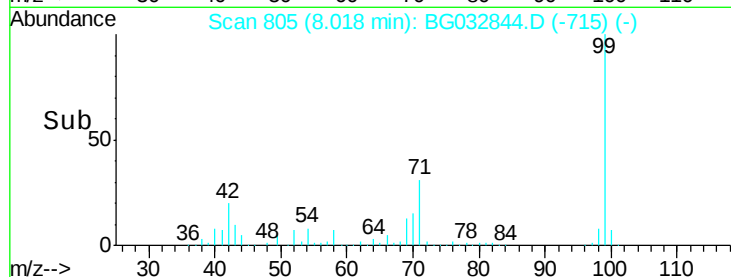
99 100

42 19.6 14.1 21.1

71 30.8 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# 1450

Delta R.T. -0.00 min

Lab File: BG032844.D

Acq: 27 Feb 2018 5:41

Tgt Ion: 136 Resp: 325183

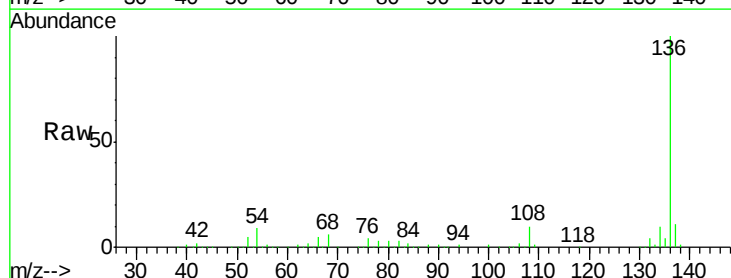
Ion Ratio Lower Upper

136 100

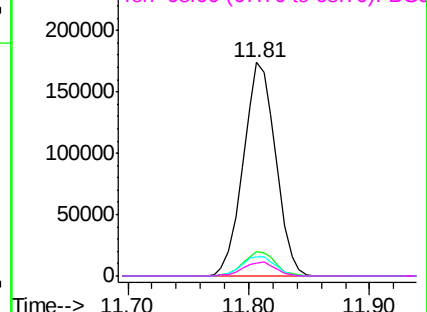
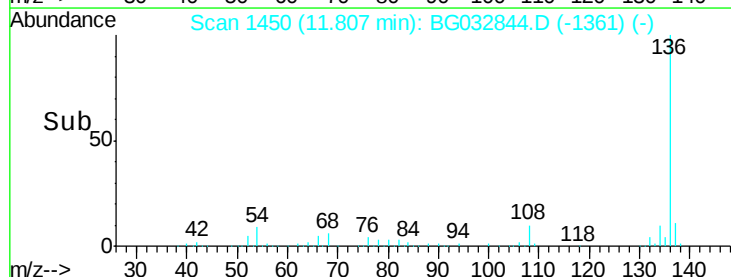
137 11.2 9.2 13.8

54 9.0 10.3 15.5#

68 6.2 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

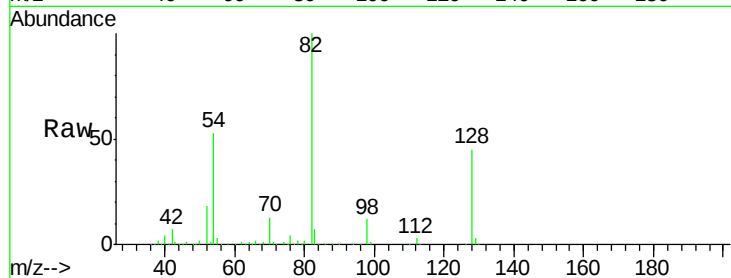




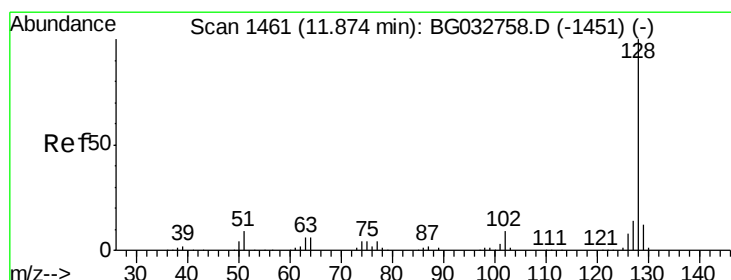
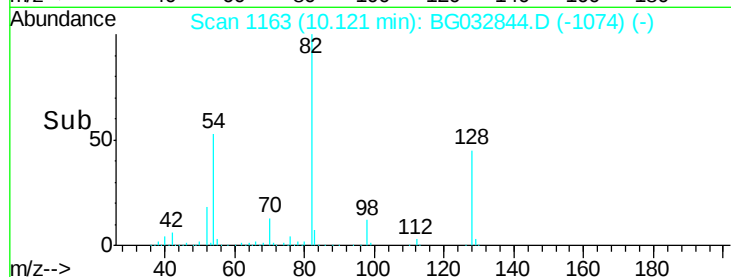
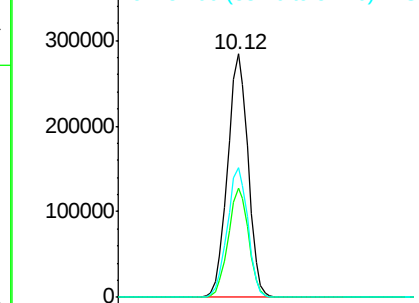
#23
Nitrobenzene-d5
Concen: 108.951 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032844.D
Acq: 27 Feb 2018 5:41

Instrument :
BNA_G
ClientSampleId :
B10

Tot Ion: 82 Resp: 525357
Ion Ratio Lower Upper
82 100
128 44.7 29.7 44.5#
54 53.3 43.1 64.7

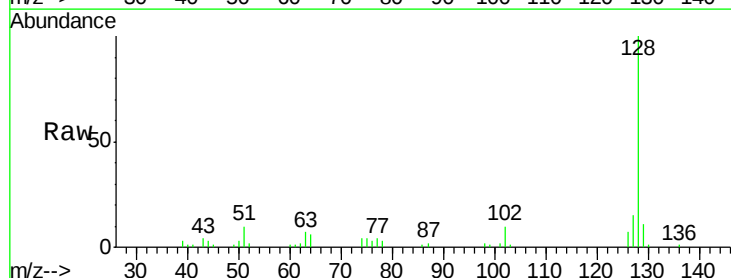


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

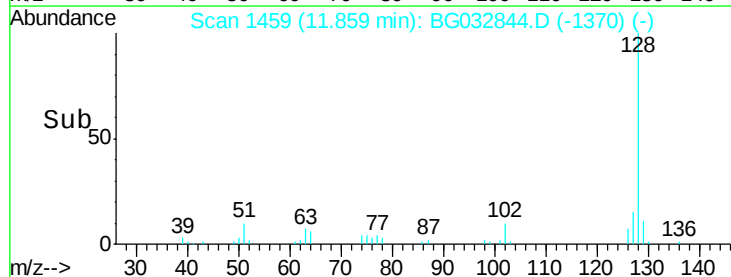
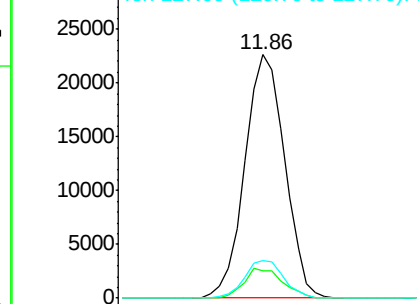


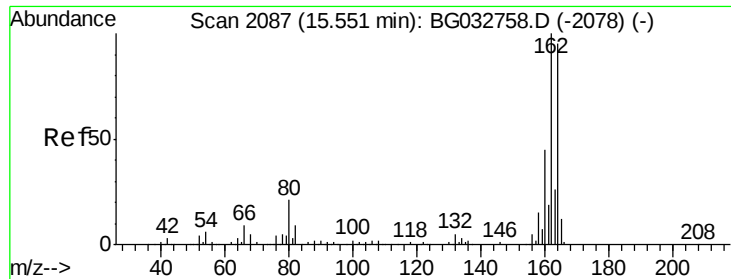
#31
Naphthalene
Concen: 2.456 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032844.D
Acq: 27 Feb 2018 5:41

Tgt Ion: 128 Resp: 41734
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 15.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032844.D

Acq: 27 Feb 2018 5:41

Instrument :

BNA_G

ClientSampleId :

B10

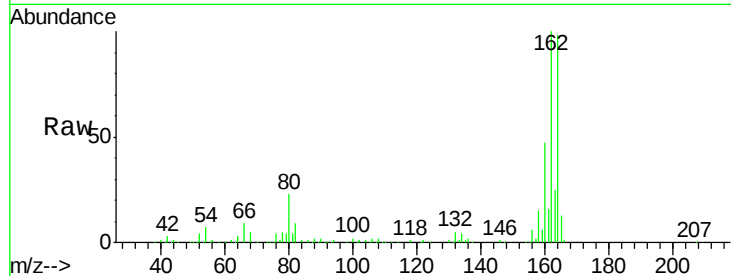
Tot Ion:164 Resp: 179535

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

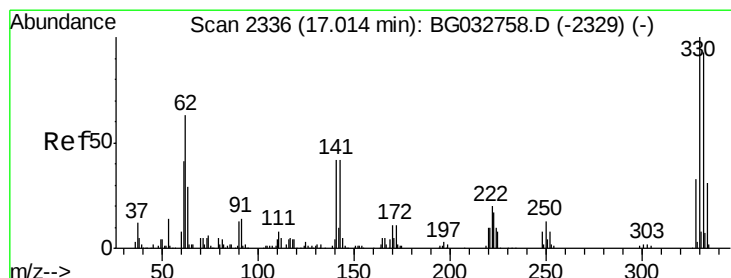
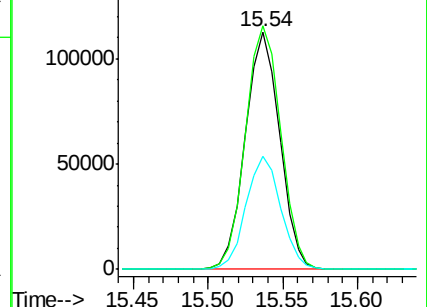
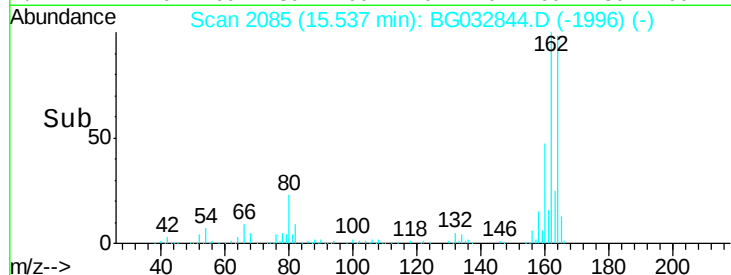
160 47.9 35.4 53.0



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: 149.273 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032844.D

Acq: 27 Feb 2018 5:41

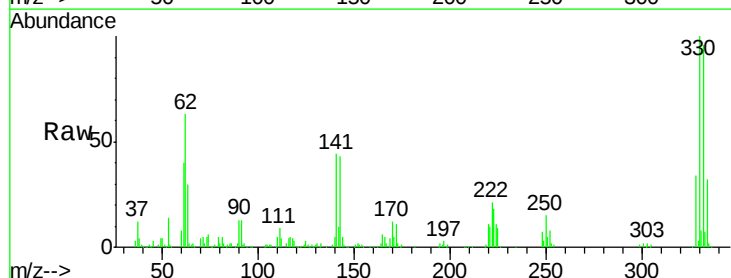
Tgt Ion:330 Resp: 281789

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

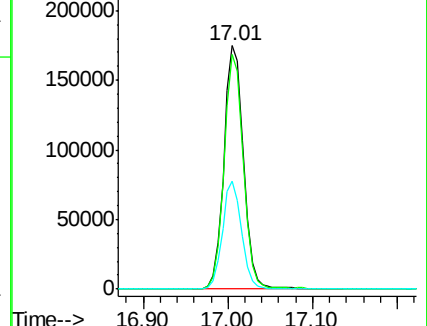
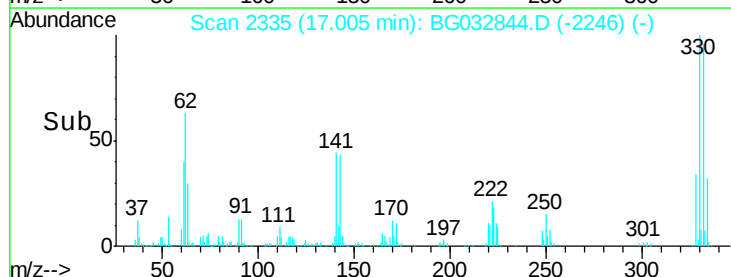
141 43.7 25.2 37.8#



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



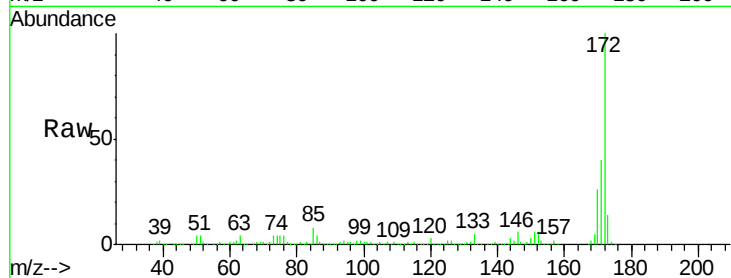


#44
 2-Fluorobiphenyl
 Concen: 95.065 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032844.D
 Acq: 27 Feb 2018 5:41

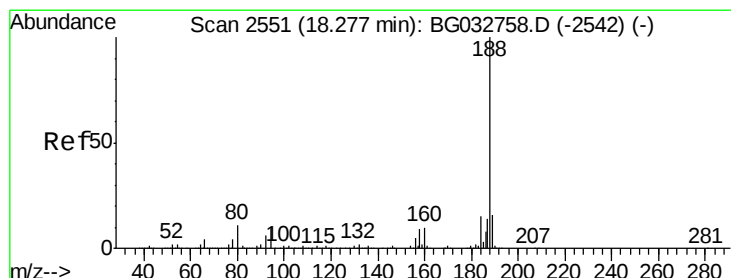
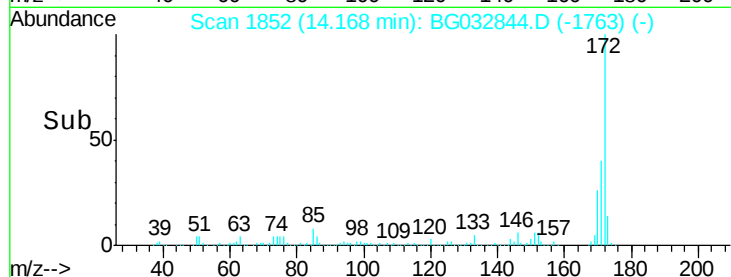
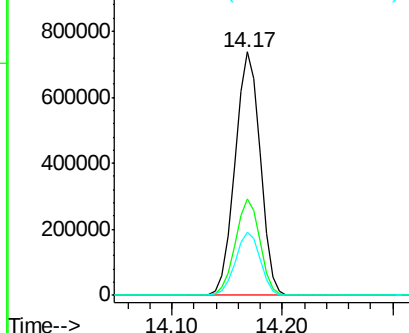
Instrument :
 BNA_G
 ClientSampled :
 B10

Tot Ion:172 Resp: 1183390

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.9	19.5	29.3



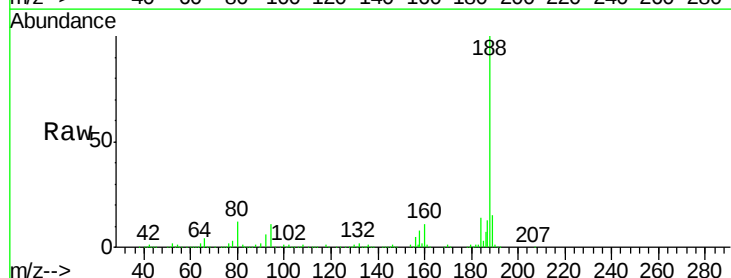
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



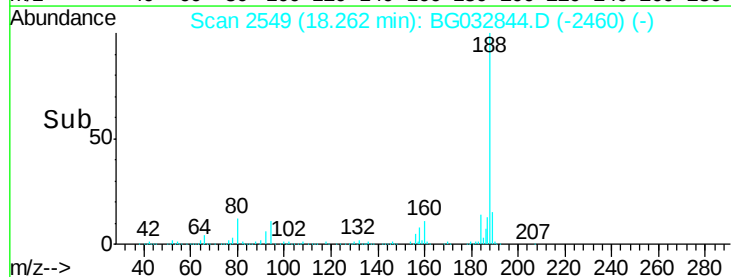
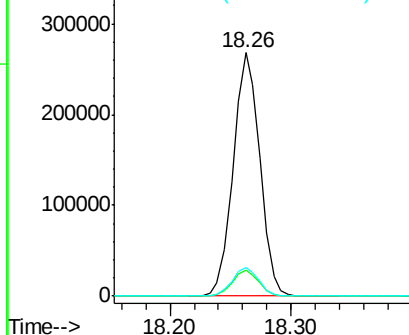
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032844.D
 Acq: 27 Feb 2018 5:41

Tgt Ion:188 Resp: 410763

Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.9	10.3#
80	11.5	7.7	11.5#



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

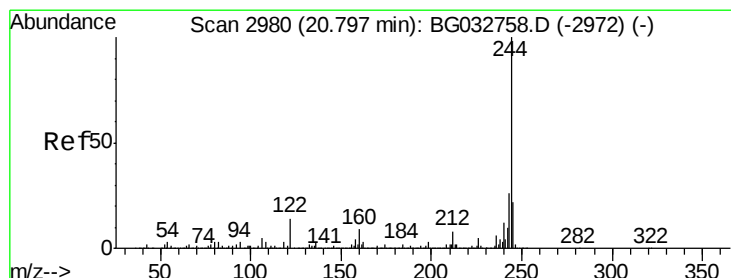
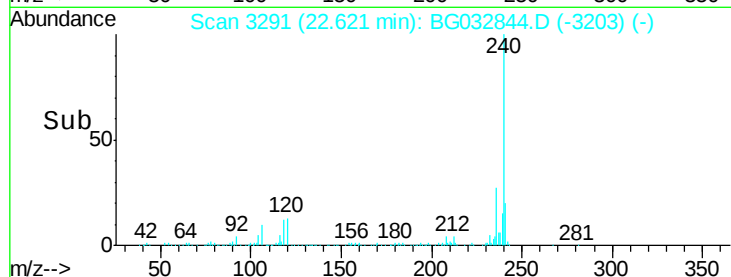
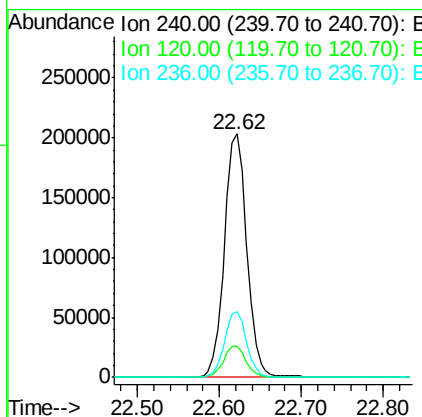
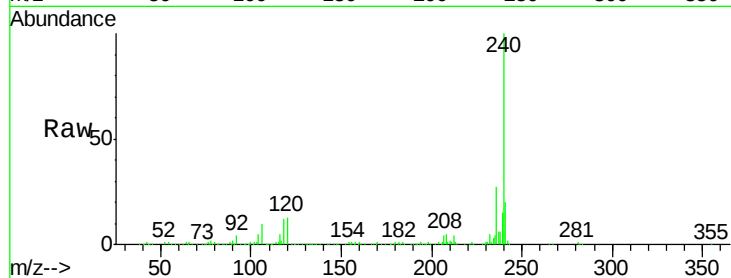




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032844.D
 Acq: 27 Feb 2018 5:41

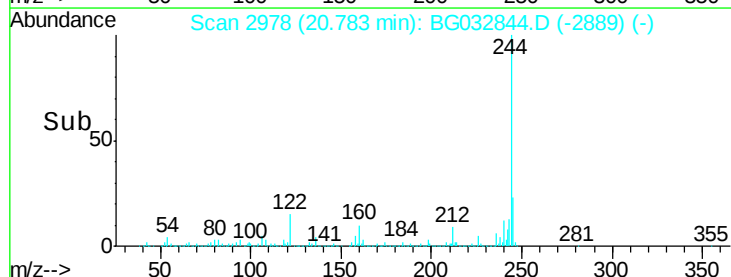
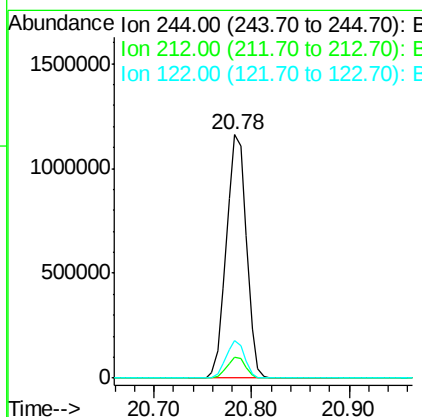
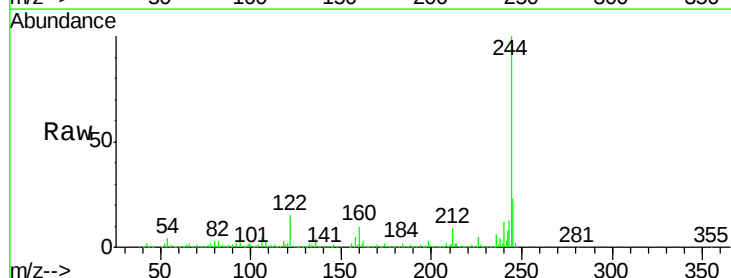
Instrument :
 BNA_G
 ClientSampled :
 B10

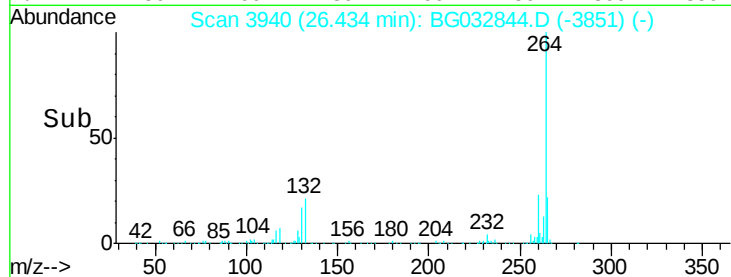
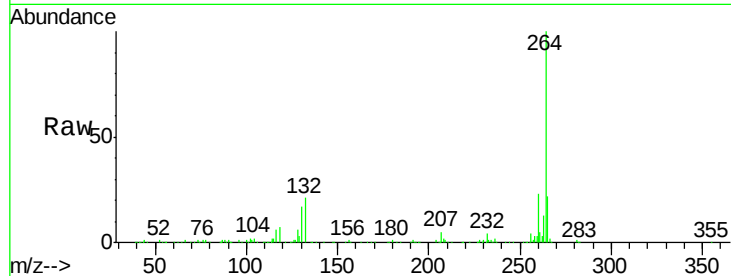
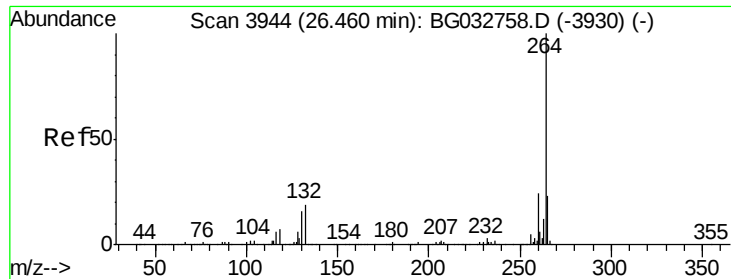
Tot Ion:240 Resp: 388968
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.8 10.2#
 236 26.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 95.982 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.00 min
 Lab File: BG032844.D
 Acq: 27 Feb 2018 5:41

Tgt Ion:244 Resp: 1661710
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 15.3 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3940

Delta R.T. -0.00 min

Lab File: BG032844.D

Acq: 27 Feb 2018 5:41

Instrument :

BNA_G

ClientSampleId :

B10

Tot Ion:264 Resp: 403924

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.1 17.7 26.5

