

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032884.D
 Acq On : 28 Feb 2018 10:17
 Operator : SJ/JU
 Sample : J1705-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100MVAR

Quant Time: Feb 28 11:22:44 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

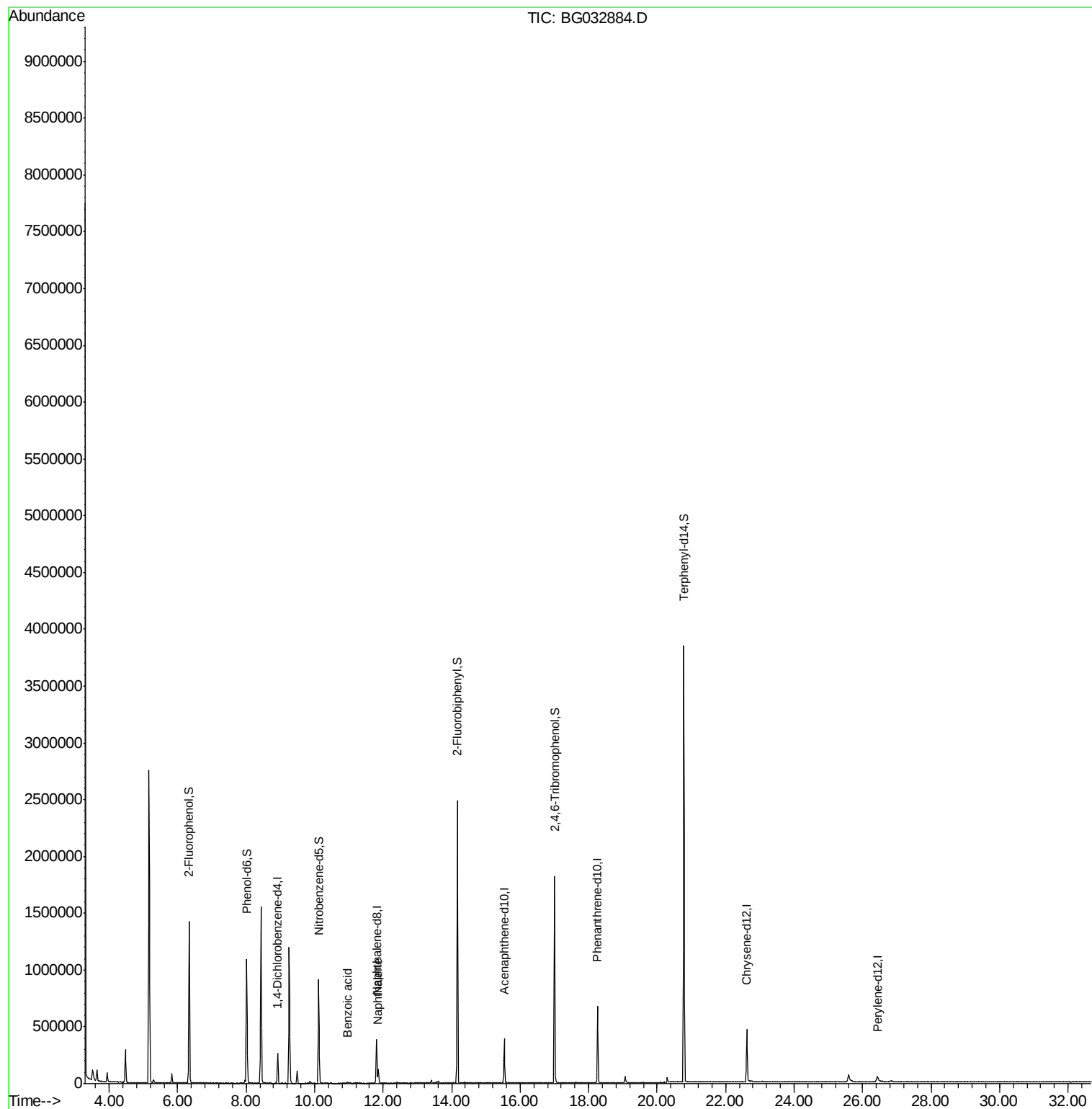
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	81210	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	351403	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	121677	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	412473	20.00	ng	0.00
75) Chrysene-d12	22.62	240	304065	20.00	ng	-0.01
86) Perylene-d12	26.43	264	47139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	690987	136.13	ng	0.00
7) Phenol-d6	8.01	99	647952	91.58	ng	0.00
23) Nitrobenzene-d5	10.12	82	597434	114.14	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	315898	246.91	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1284873	152.30	ng	0.00
78) Terphenyl-d14	20.78	244	1678692	124.04	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	109349	5.955	ng	97
32) Benzoic acid	10.96	122	4743	7.530	ng	# 64

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

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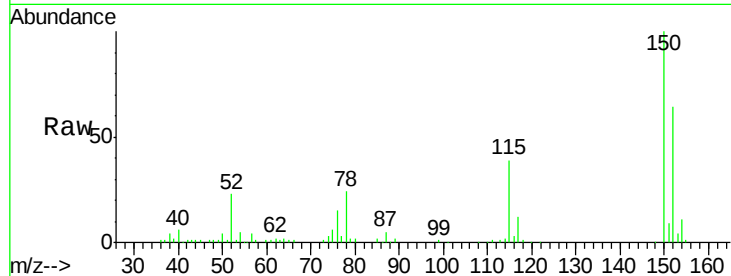


#1

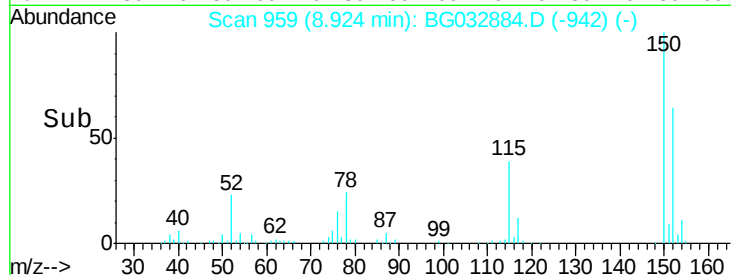
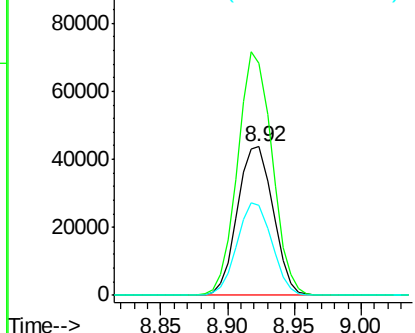
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :
100MVAR

Tot Ion:152 Resp: 81210
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 60.4 53.0 79.4



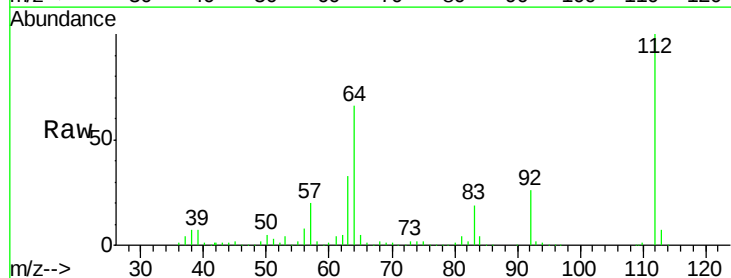
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



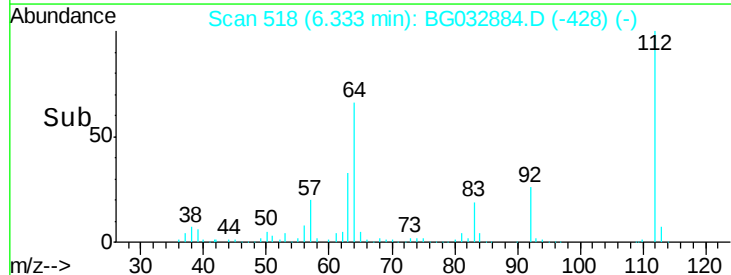
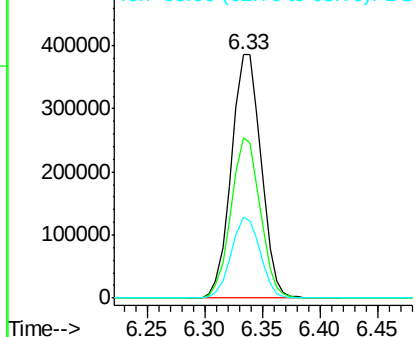
#5

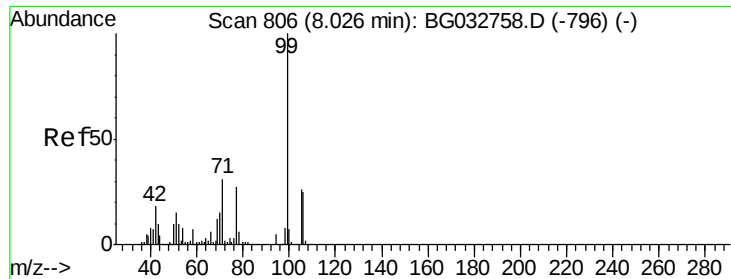
2-Fluorophenol
Concen: 136.126 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:112 Resp: 690987
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 33.2 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: 91.579 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032884.D

Acq: 28 Feb 2018 10:17

Instrument :

BNA_G

ClientSampleId :

100MVAR

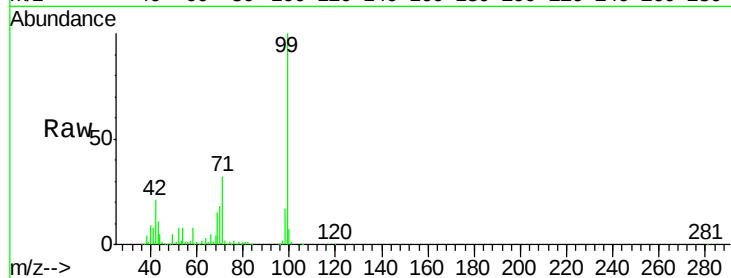
Tot Ion: 99 Resp: 647952

Ion Ratio Lower Upper

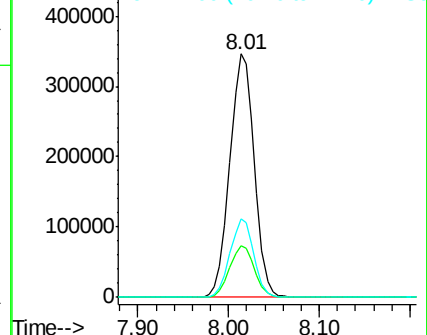
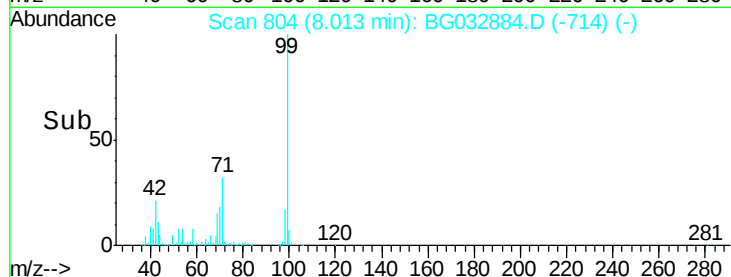
99 100

42 21.4 14.1 21.1#

71 32.0 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: BG032884.D

Acq: 28 Feb 2018 10:17

Tgt Ion: 136 Resp: 351403

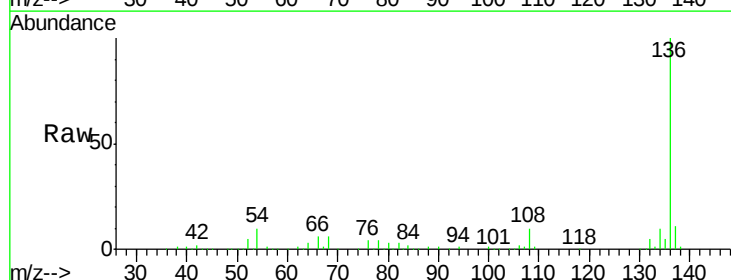
Ion Ratio Lower Upper

136 100

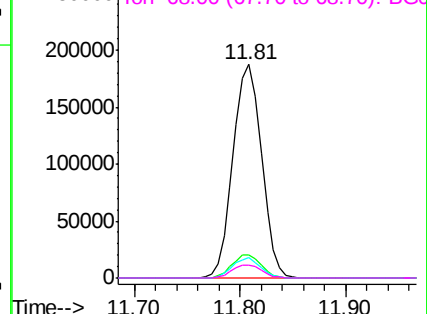
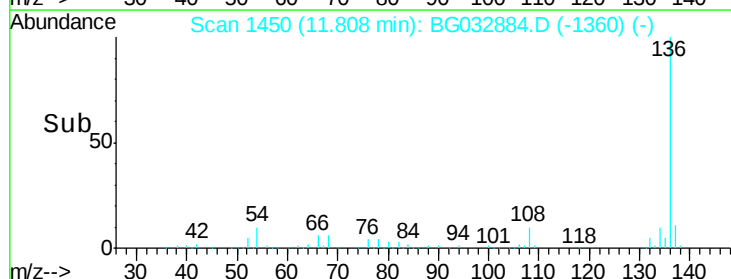
137 10.8 9.2 13.8

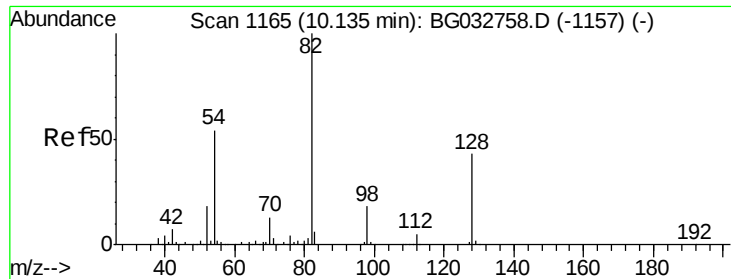
54 9.6 10.3 15.5#

68 6.3 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: 114.135 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG032884.D

Acq: 28 Feb 2018 10:17

Instrument :

BNA_G

ClientSampleId :

100MVAR

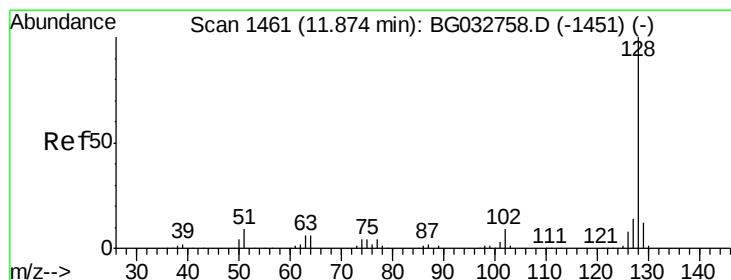
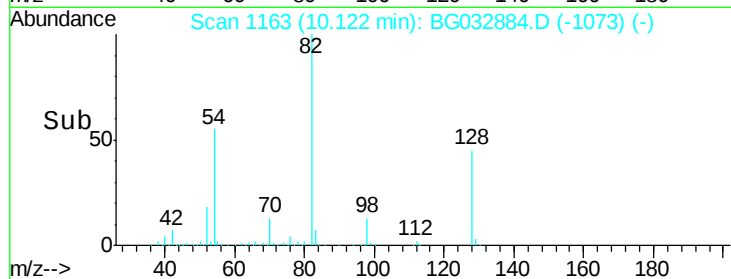
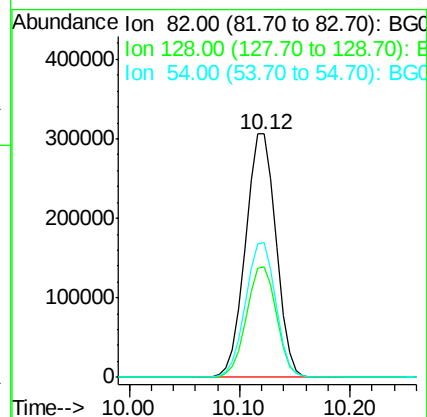
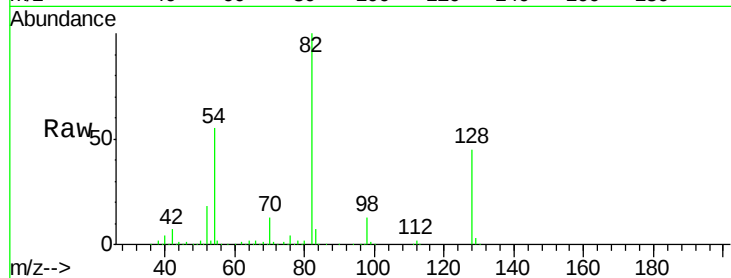
Tot Ion: 82 Resp: 597434

Ion Ratio Lower Upper

82 100

128 45.3 29.7 44.5#

54 55.4 43.1 64.7



#31

Naphthalene

Concen: 5.955 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG032884.D

Acq: 28 Feb 2018 10:17

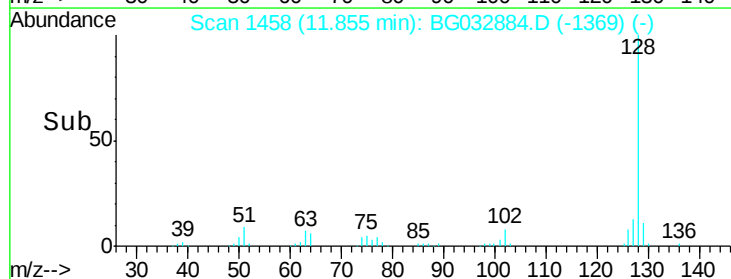
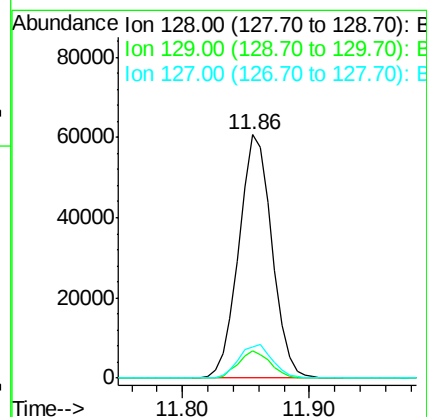
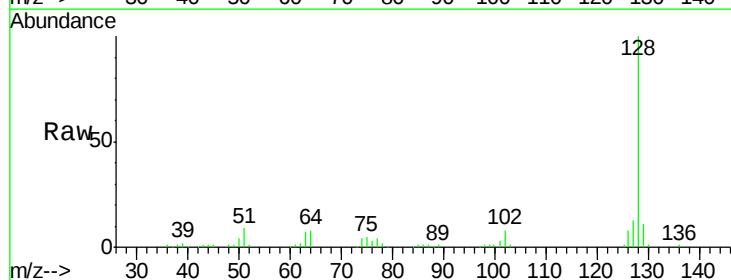
Tgt Ion: 128 Resp: 109349

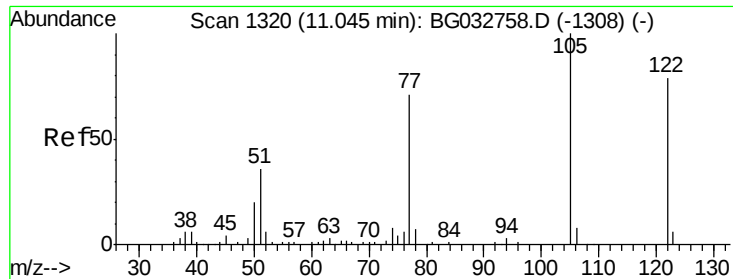
Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 12.9 11.6 17.4

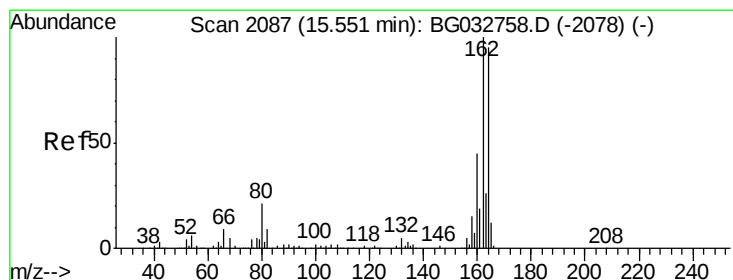
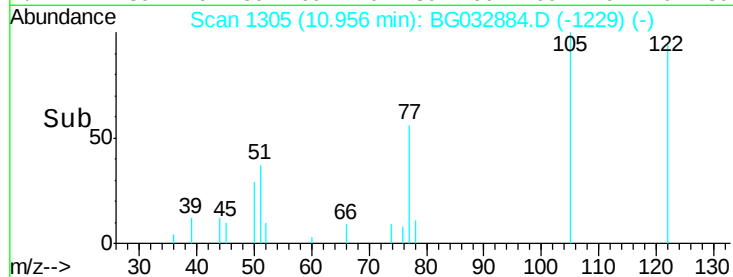
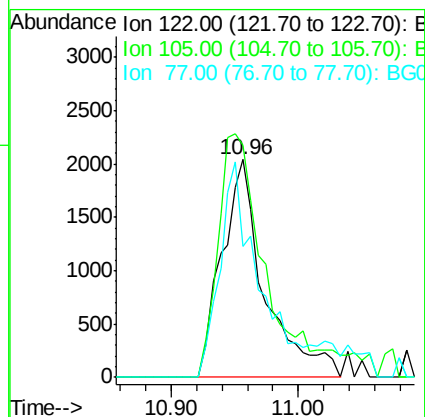
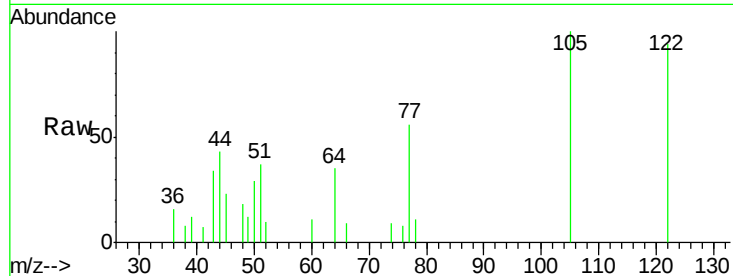




#32
Benzoic acid
Concen: 7.530 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.09 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

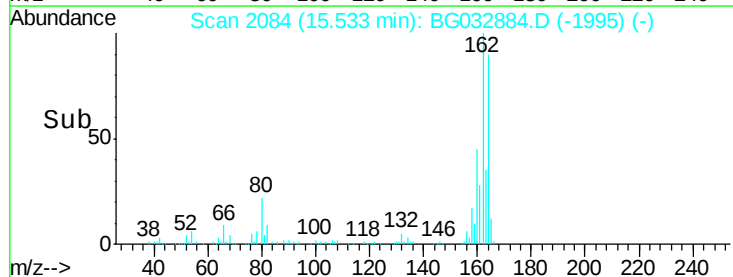
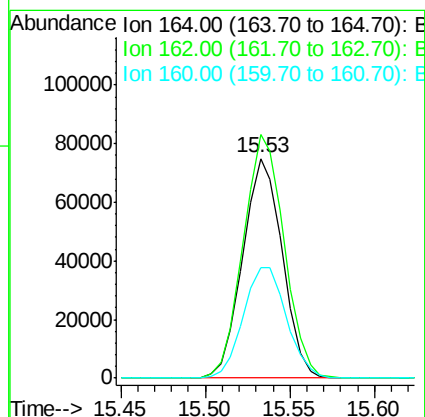
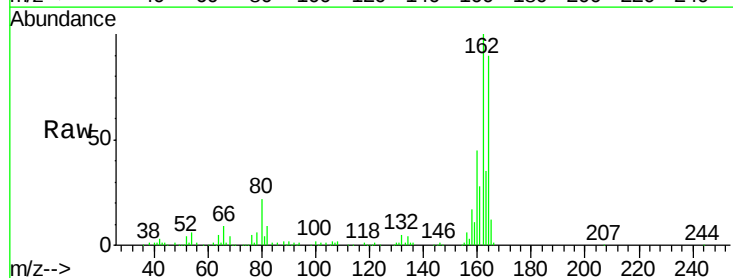
Instrument :
BNA_G
ClientSampleId :
100MVAR

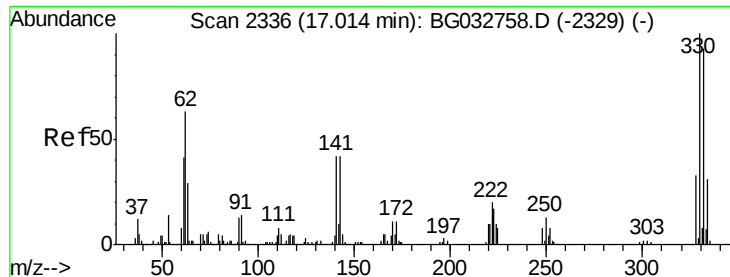
Tot Ion:122 Resp: 4743
Ion Ratio Lower Upper
122 100
105 106.7 123.5 163.5#
77 60.3 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:164 Resp: 121677
Ion Ratio Lower Upper
164 100
162 110.9 78.8 118.2
160 50.1 35.4 53.0

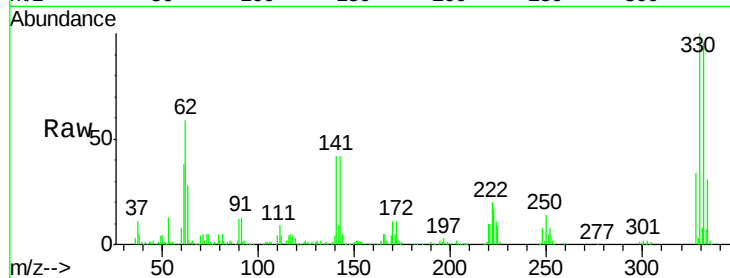




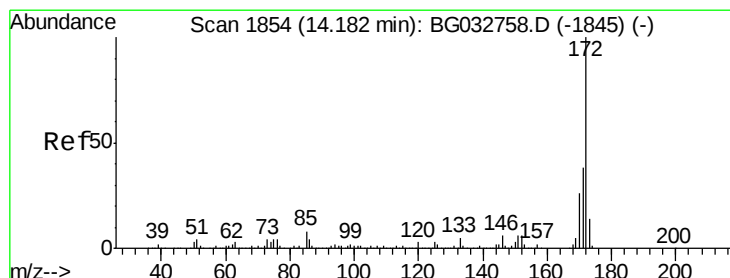
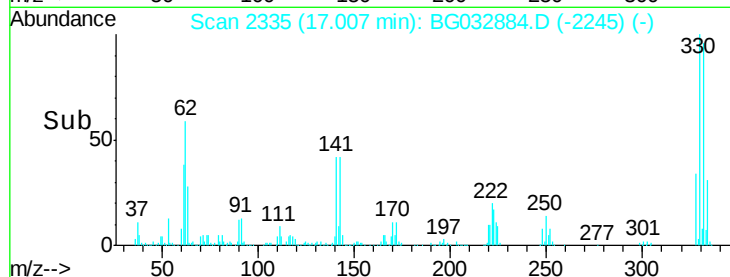
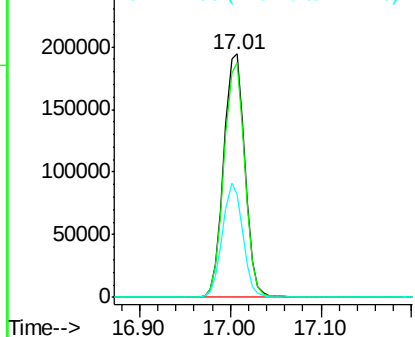
#41
 2,4,6-Tribromophenol
 Concen: 246.913 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032884.D
 Acq: 28 Feb 2018 10:17

Instrument :
 BNA_G
 ClientSampleId :
 100MVAR

Tot Ion:330 Resp: 315898
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 45.0 25.2 37.8#

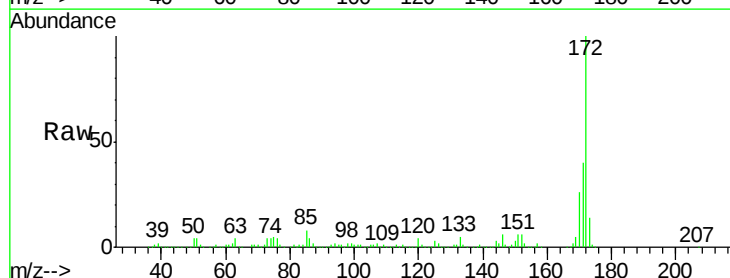


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

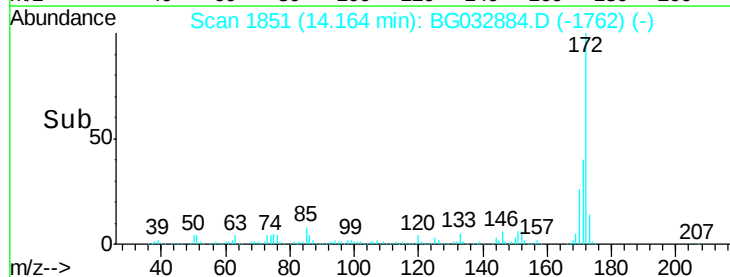
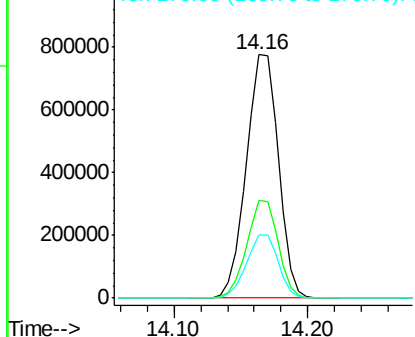


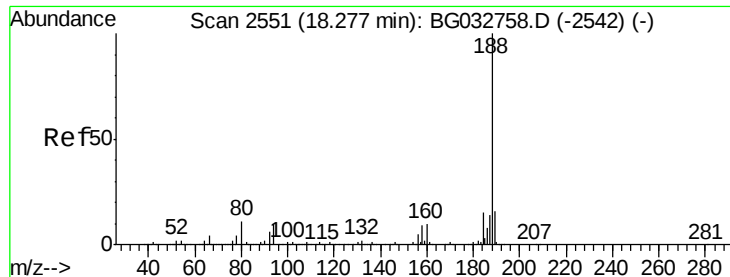
#44
 2-Fluorobiphenyl
 Concen: 152.298 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032884.D
 Acq: 28 Feb 2018 10:17

Tgt Ion:172 Resp: 1284873
 Ion Ratio Lower Upper
 172 100
 171 39.9 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

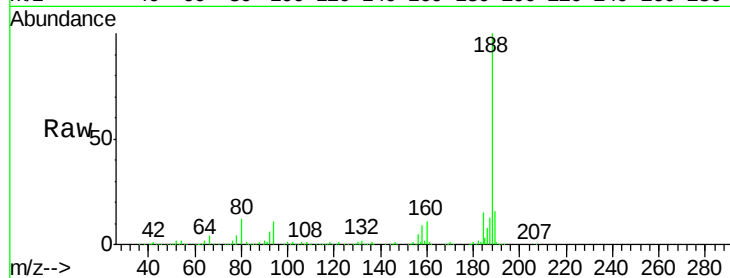




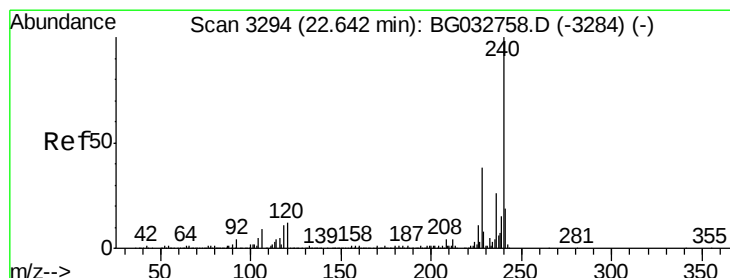
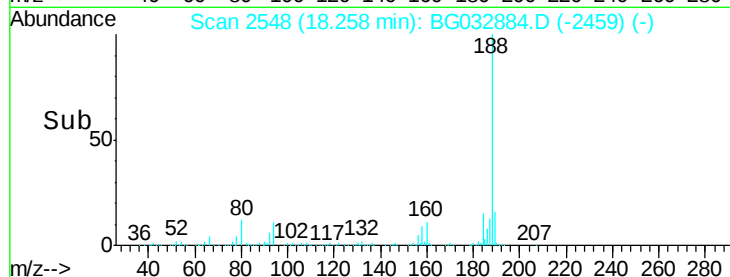
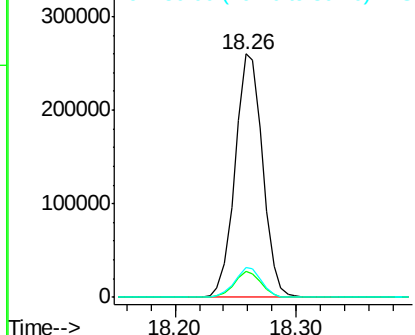
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :
100MVAR

Tot Ion:188 Resp: 412473
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 12.4 7.7 11.5#

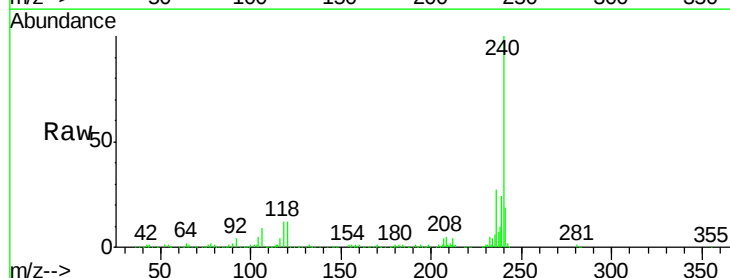


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

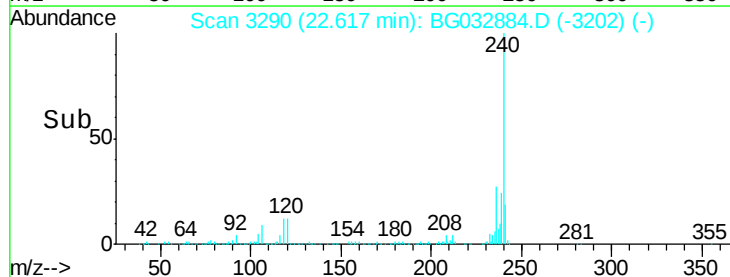
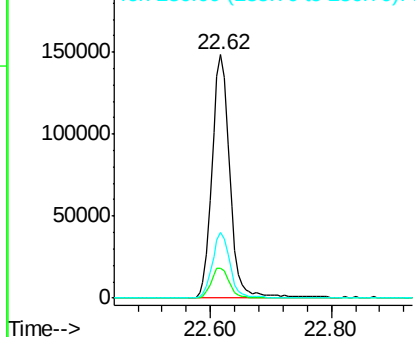


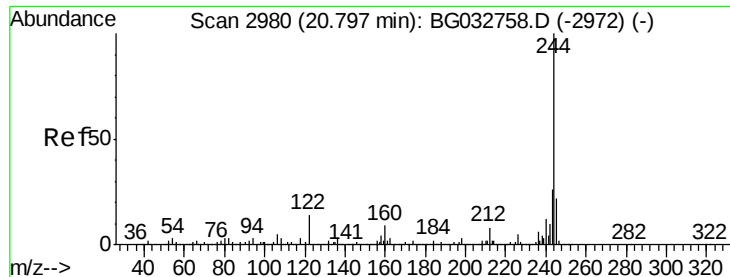
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:240 Resp: 304065
Ion Ratio Lower Upper
240 100
120 12.1 6.8 10.2#
236 27.1 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: 124.038 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032884.D

Acq: 28 Feb 2018 10:17

Instrument :

BNA_G

ClientSampleId :

100MVAR

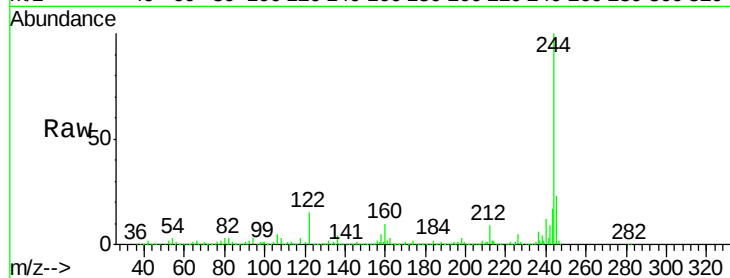
Tot Ion:244 Resp: 1678692

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

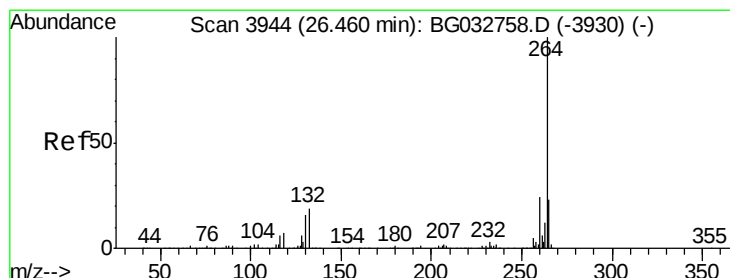
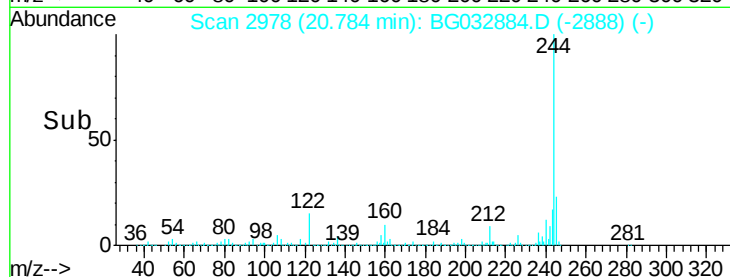
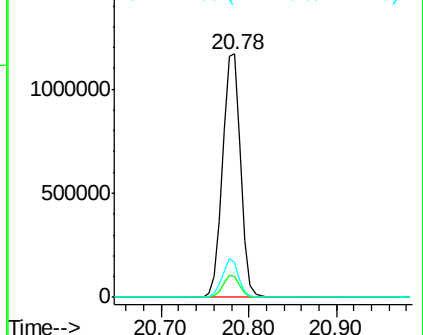
122 14.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032884.D

Acq: 28 Feb 2018 10:17

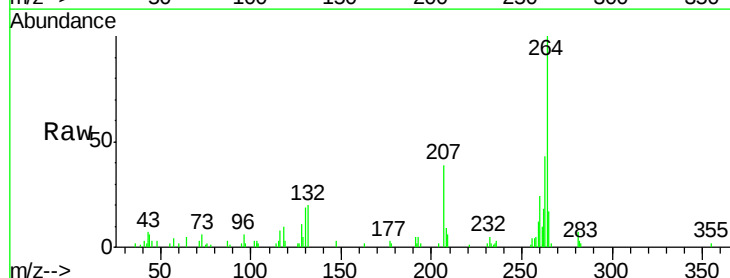
Tgt Ion:264 Resp: 47139

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 16.9 17.7 26.5#



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

