

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032859.D
 Acq On : 27 Feb 2018 17:55
 Operator : SJ/JU
 Sample : J1688-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROAD

Quant Time: Feb 28 03:05:55 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

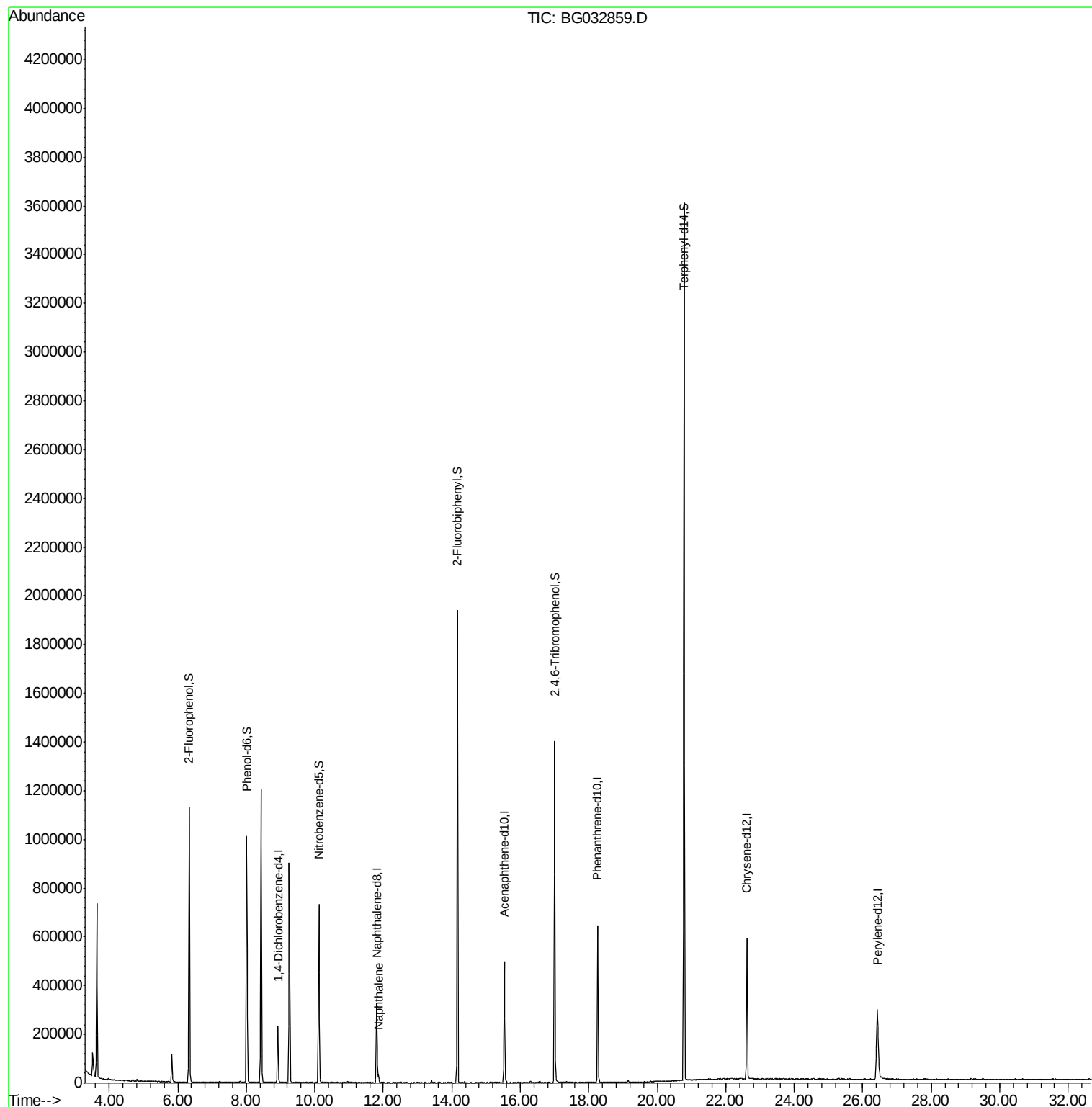
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	69741	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	304802	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	173660	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	396134	20.00	ng	0.00
75) Chrysene-d12	22.62	240	378316	20.00	ng	-0.01
86) Perylene-d12	26.43	264	388367	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	552848	126.82	ng	0.00
7) Phenol-d6	8.02	99	657408	108.20	ng	0.00
23) Nitrobenzene-d5	10.12	82	466186	103.67	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	252883	138.49	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1023617	85.01	ng	0.00
78) Terphenyl-d14	20.78	244	1580792	93.88	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	33065	2.076	ng	Qvalue 99

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

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Quant Time: Feb 28 03:05:55 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



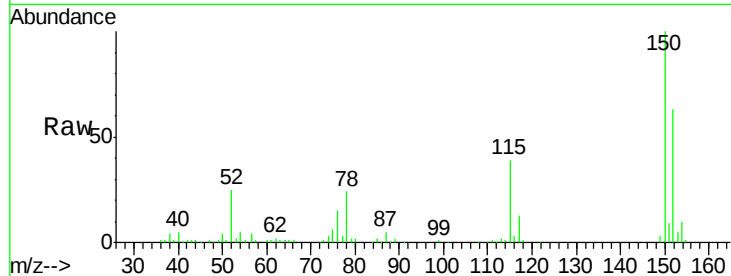


#1

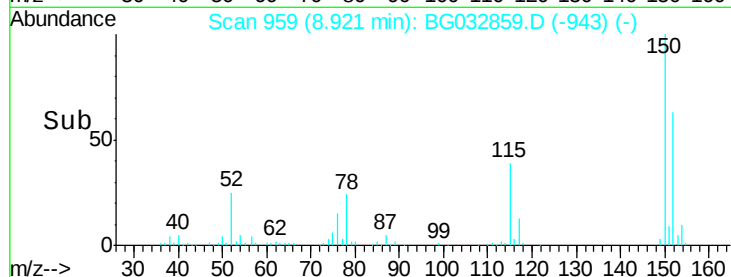
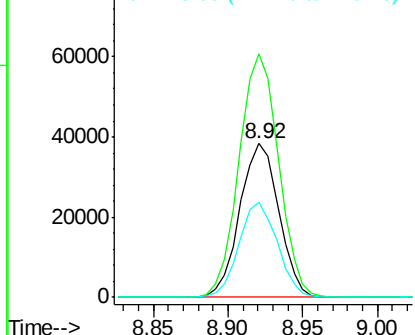
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BG032859.D
 Acq: 27 Feb 2018 17:55

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROAD

Tot Ion:152 Resp: 69741
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.6 189.8
 115 62.0 53.0 79.4



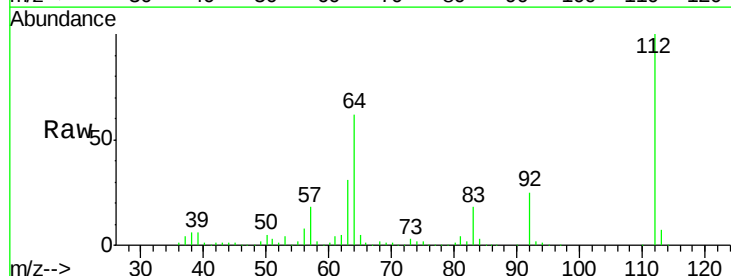
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



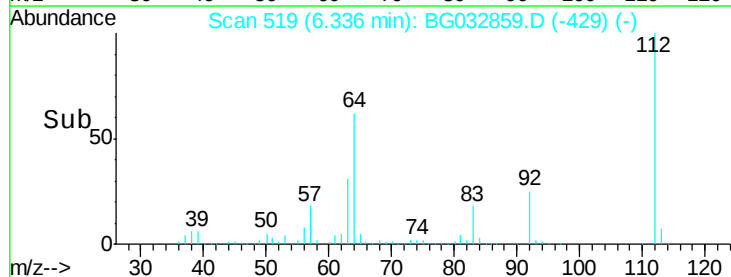
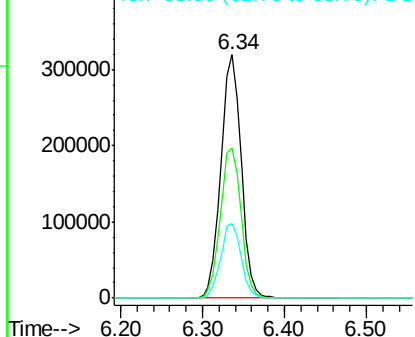
#5

2-Fluorophenol
 Concen: 126.823 ng
 RT: 6.34 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BG032859.D
 Acq: 27 Feb 2018 17:55

Tgt Ion:112 Resp: 552848
 Ion Ratio Lower Upper
 112 100
 64 61.5 56.3 84.5
 63 30.8 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: 108.195 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032859.D

Acq: 27 Feb 2018 17:55

Instrument :

BNA_G

ClientSampleId :

T-3-ROAD

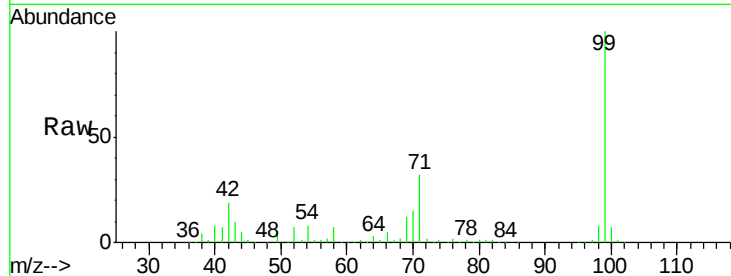
Tot Ion: 99 Resp: 657408

Ion Ratio Lower Upper

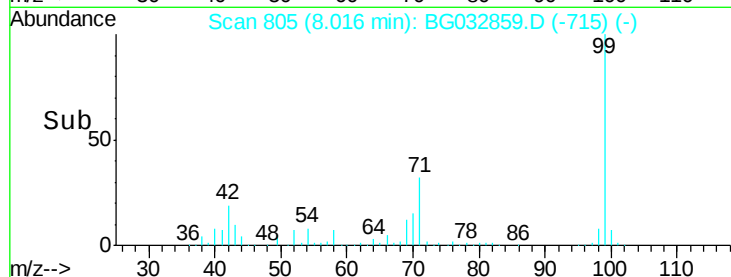
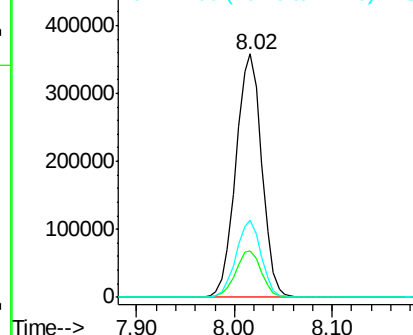
99 100

42 19.0 14.1 21.1

71 31.6 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: 11.81 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032859.D

Acq: 27 Feb 2018 17:55

Tgt Ion: 136 Resp: 304802

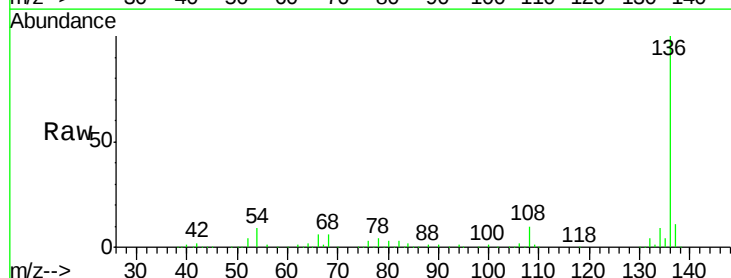
Ion Ratio Lower Upper

136 100

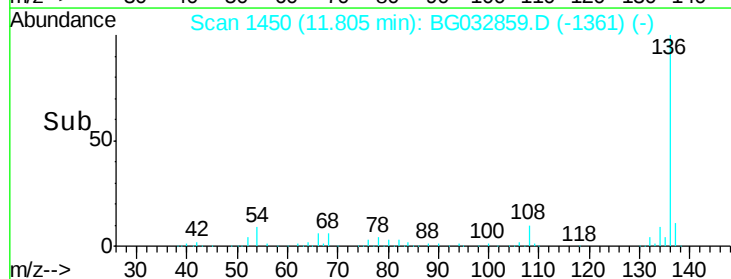
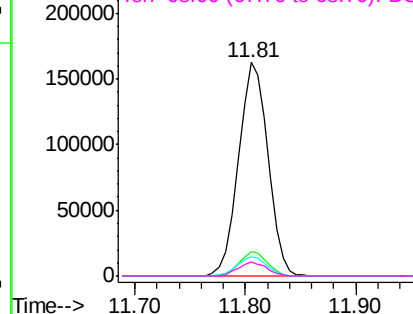
137 11.4 9.2 13.8

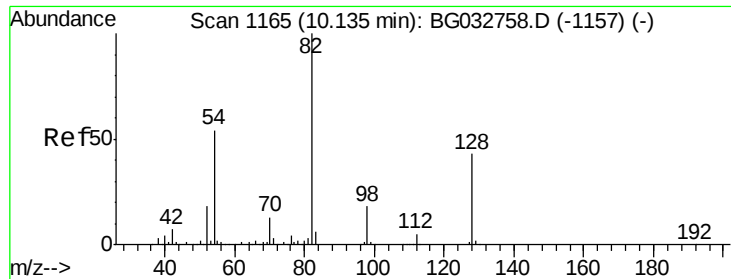
54 9.1 10.3 15.5#

68 6.5 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

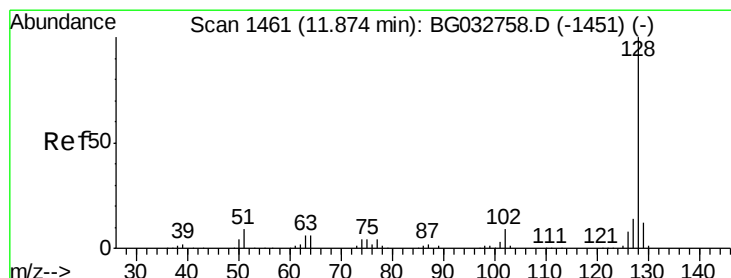
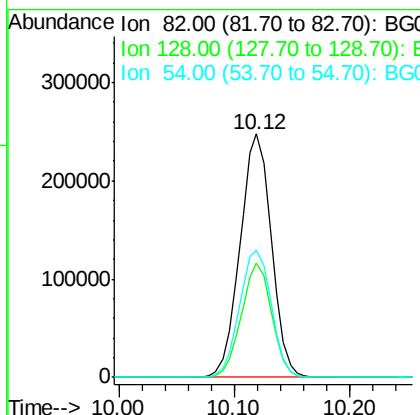
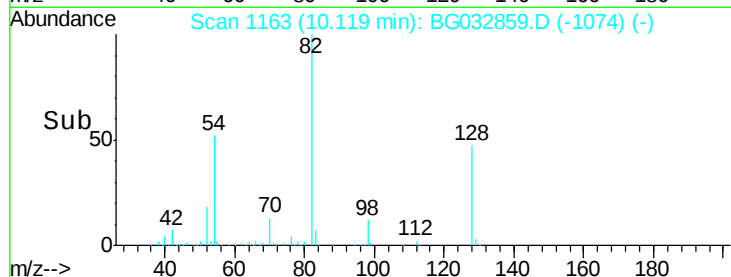
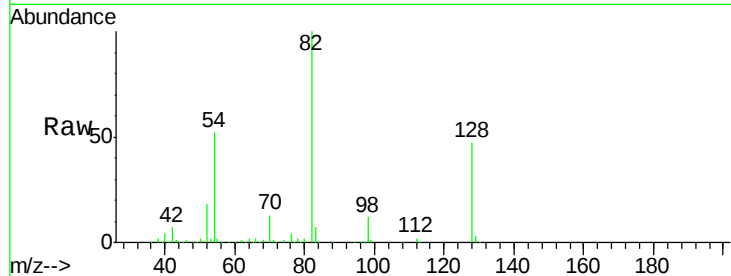




#23
 Nitrobenzene-d5
 Concen: 103.673 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032859.D
 Acq: 27 Feb 2018 17:55

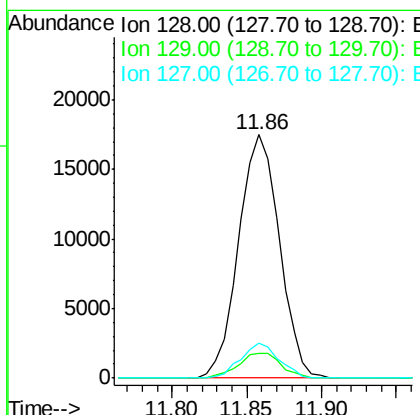
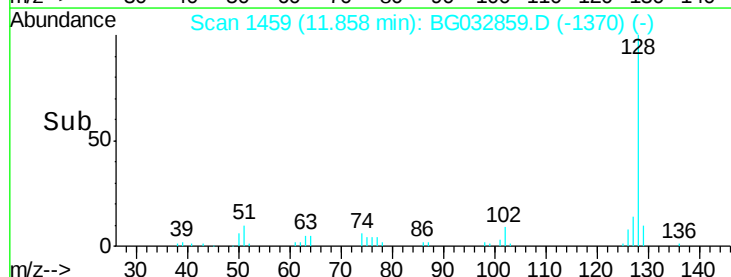
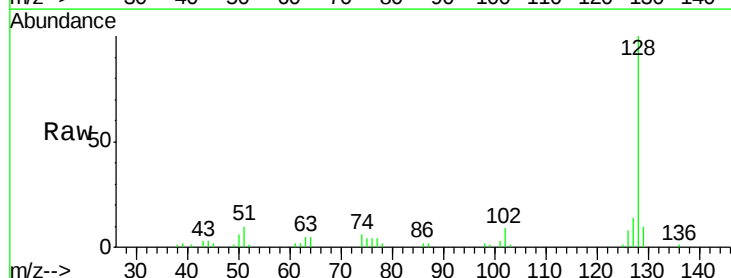
Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROAD

Tot Ion: 82 Resp: 466186
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 52.4 43.1 64.7



#31
 Naphthalene
 Concen: 2.076 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG032859.D
 Acq: 27 Feb 2018 17:55

Tgt Ion: 128 Resp: 33065
 Ion Ratio Lower Upper
 128 100
 129 10.2 8.6 12.8
 127 14.5 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: BG032859.D

Acq: 27 Feb 2018 17:55

Instrument :

BNA_G

ClientSampleId :

T-3-ROAD

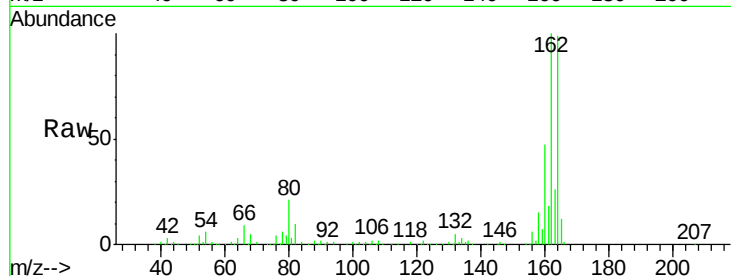
Tot Ion:164 Resp: 173660

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

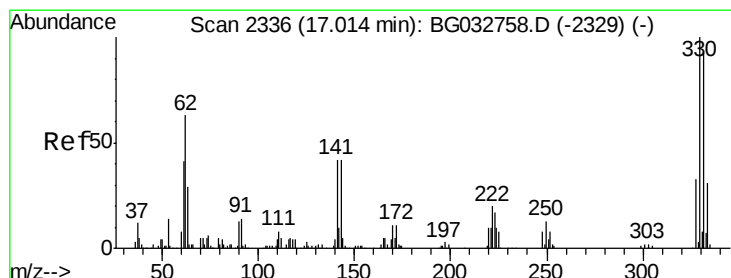
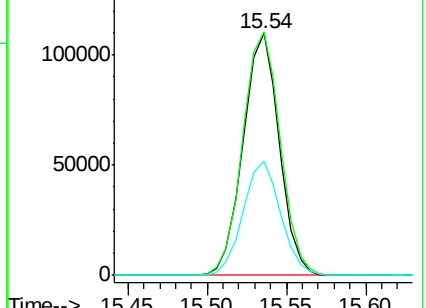
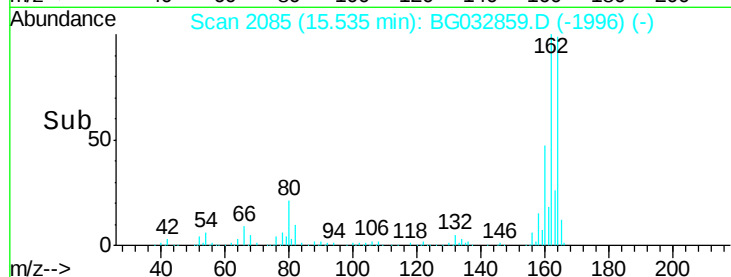
160 47.2 35.4 53.0



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: 138.492 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032859.D

Acq: 27 Feb 2018 17:55

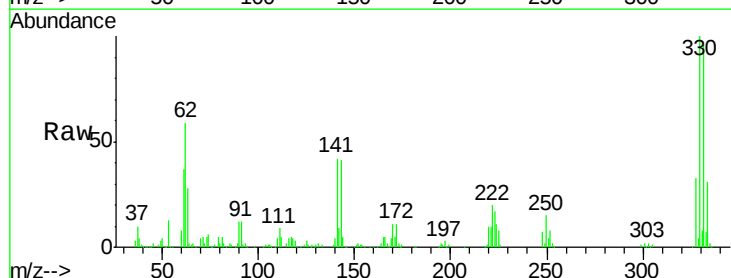
Tgt Ion:330 Resp: 252883

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

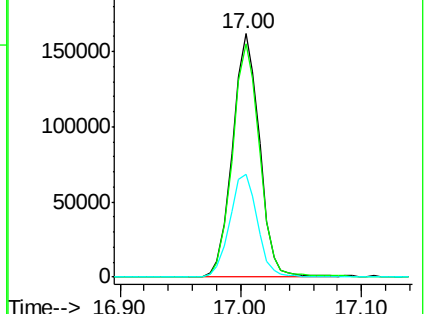
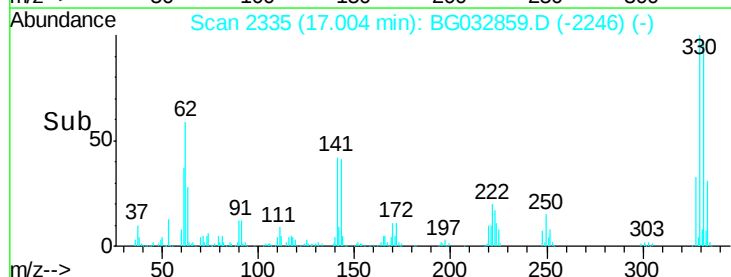
141 43.4 25.2 37.8#

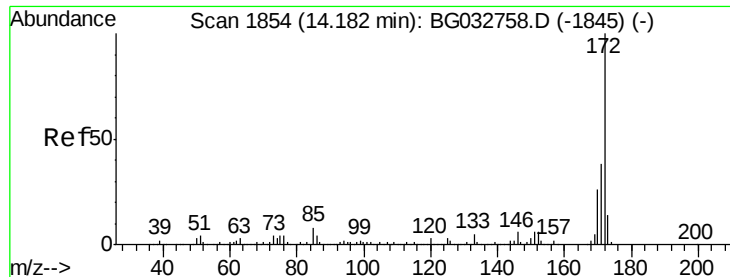


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

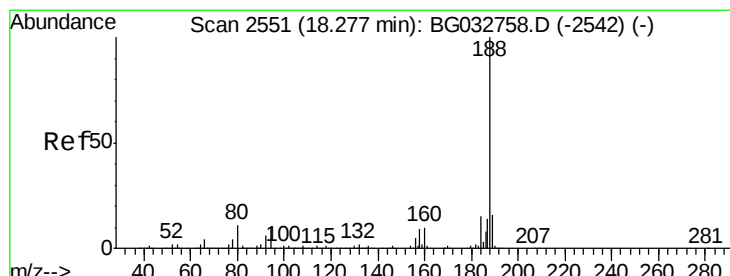
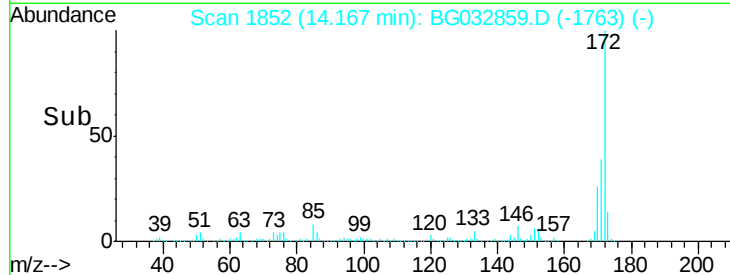
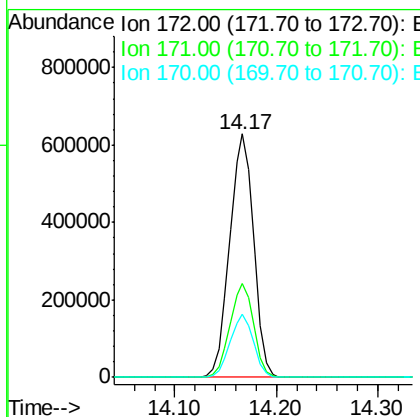
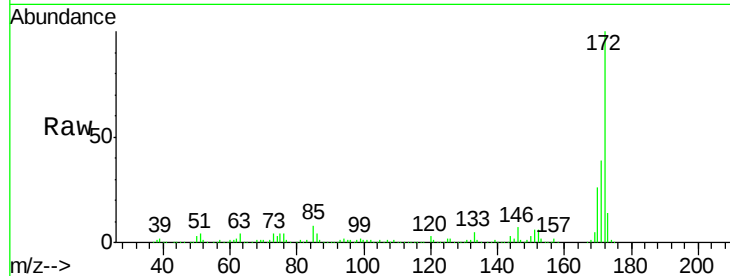




#44
2-Fluorobiphenyl
Concen: 85.012 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG032859.D
Acq: 27 Feb 2018 17:55

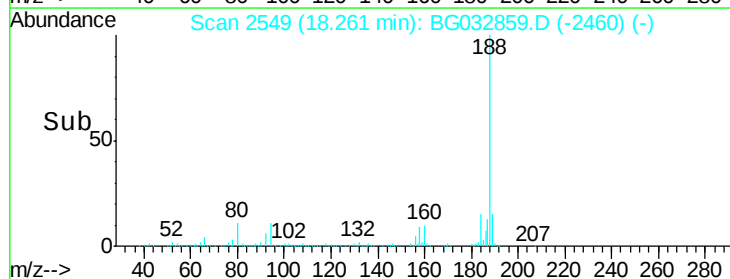
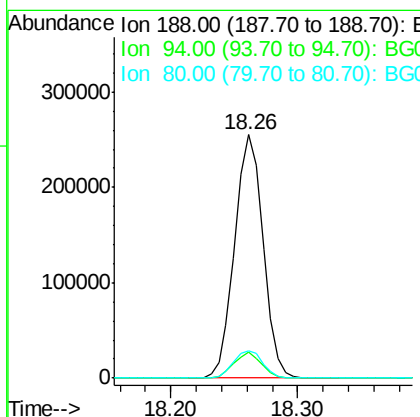
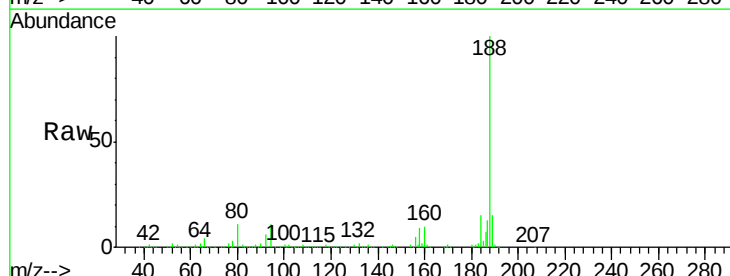
Instrument :
BNA_G
ClientSampleId :
T-3-ROAD

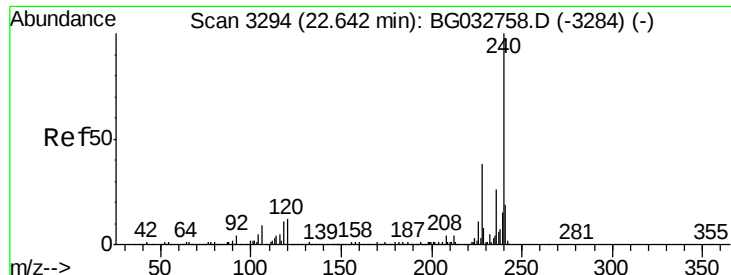
Tot Ion:172 Resp: 1023617
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 25.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032859.D
Acq: 27 Feb 2018 17:55

Tgt Ion:188 Resp: 396134
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 11.2 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: BG032859.D

Acq: 27 Feb 2018 17:55

Instrument :

BNA_G

ClientSampleId :

T-3-ROAD

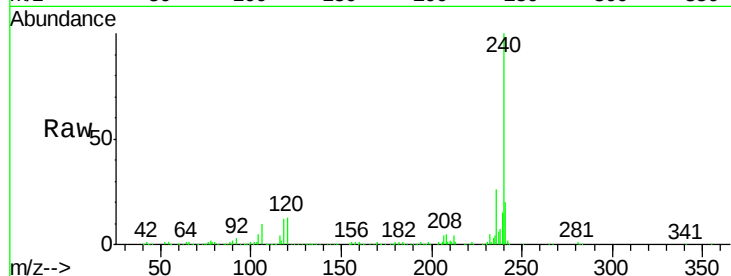
Tot Ion:240 Resp: 378316

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

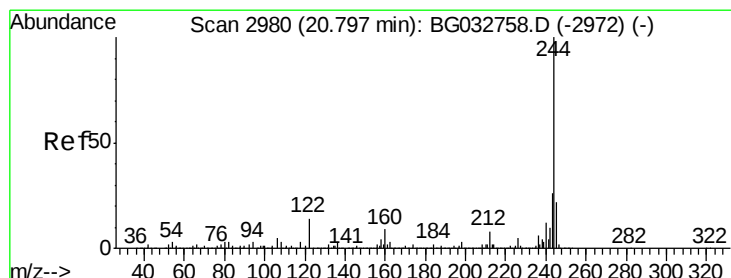
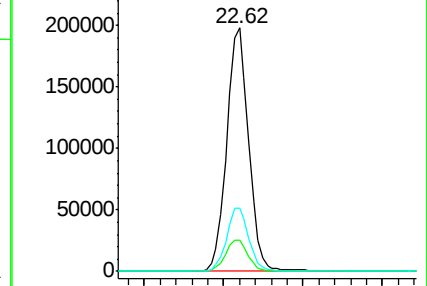
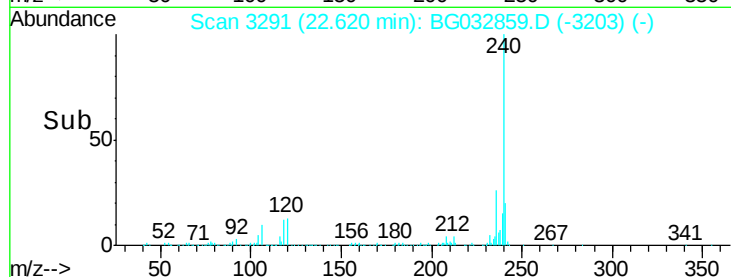
236 25.8 20.9 31.3



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: 93.879 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032859.D

Acq: 27 Feb 2018 17:55

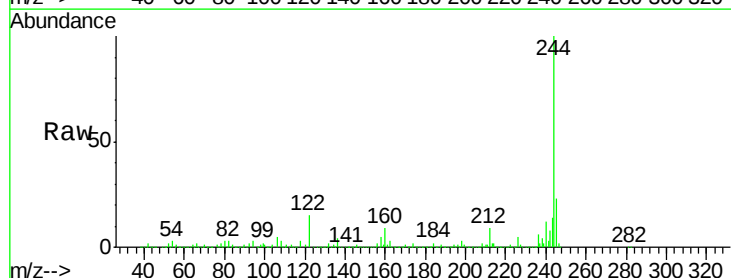
Tgt Ion:244 Resp: 1580792

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

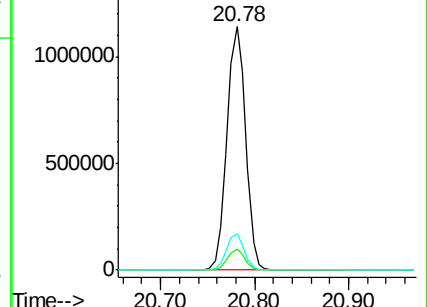
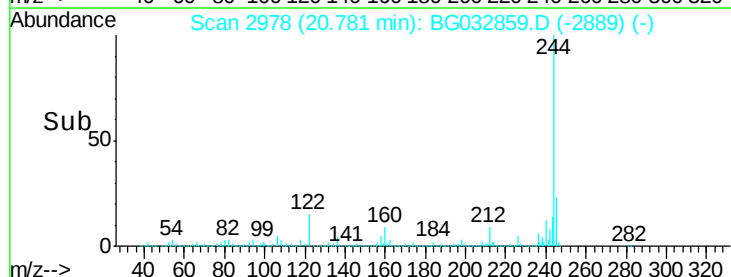
122 14.7 7.0 10.4#

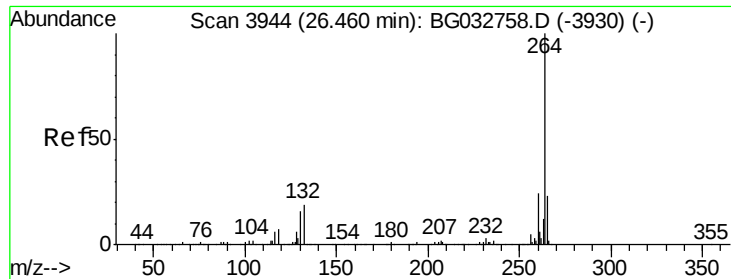


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

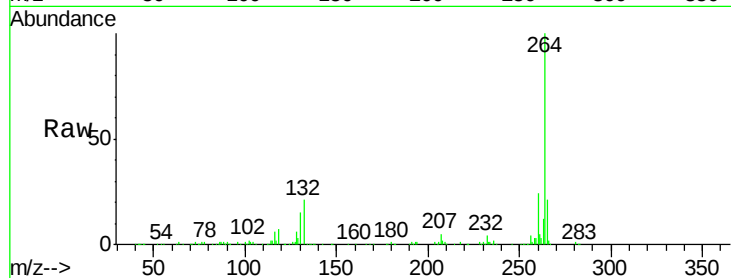




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032859.D
Acq: 27 Feb 2018 17:55

Instrument :
BNA_G
ClientSampleId :
T-3-ROAD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.9	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

