

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031658.D
 Acq On : 19 Dec 2017 7:09
 Operator : SJ/JU
 Sample : I6958-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

Quant Time: Dec 19 08:15:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

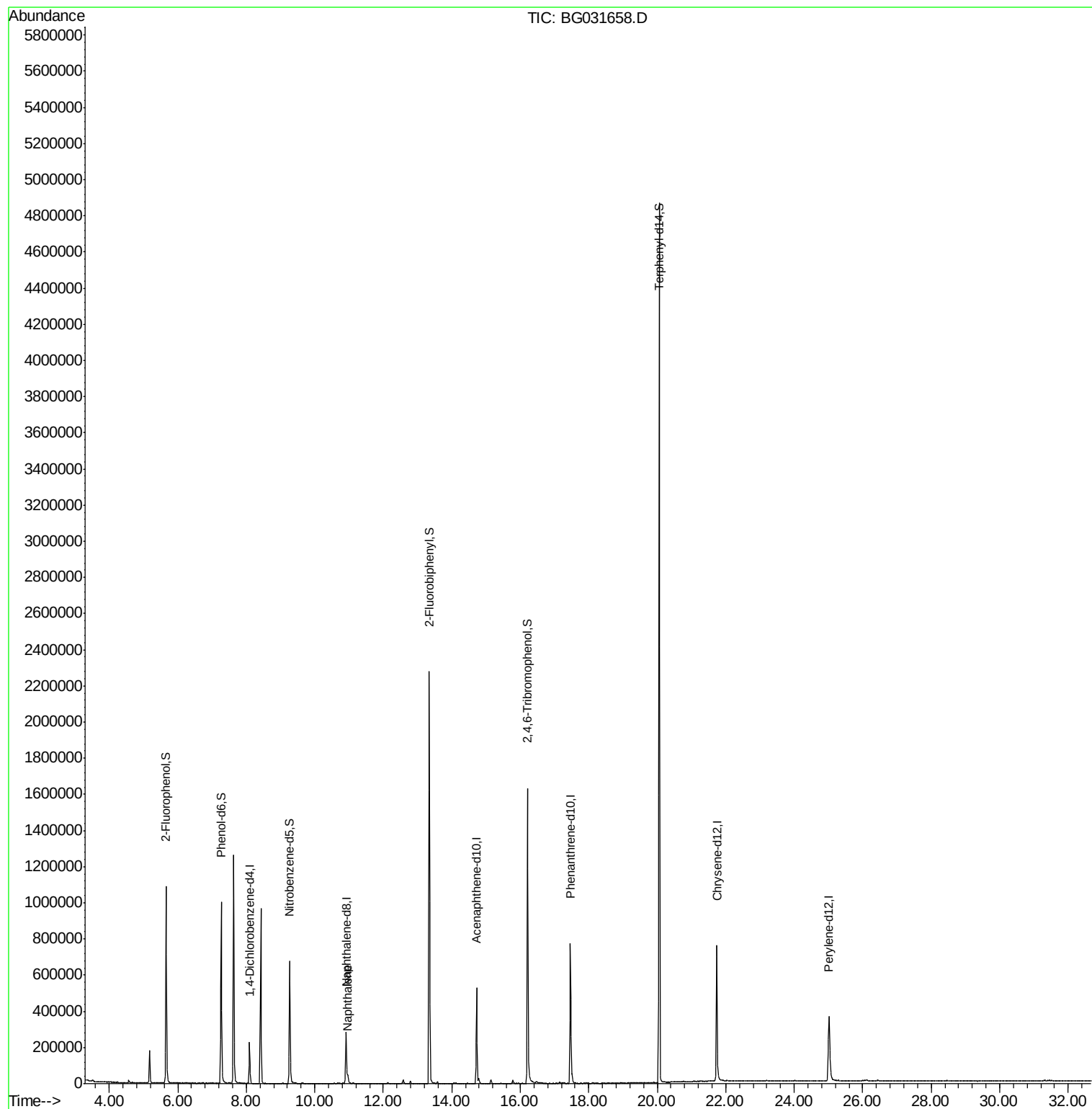
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	74415	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	315308	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	208202	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	544636	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	559919	20.00	ng	-0.01
86) Perylene-d12	25.02	264	491251	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	565343	134.66	ng	-0.01
7) Phenol-d6	7.27	99	660296	113.29	ng	0.00
23) Nitrobenzene-d5	9.27	82	474097	92.68	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	399267	163.69	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1388443	97.89	ng	0.00
78) Terphenyl-d14	20.06	244	2335672	94.91	ng	-0.01
Target Compounds						
31) Naphthalene	10.97	128	31400	2.027	ng	Qvalue 96

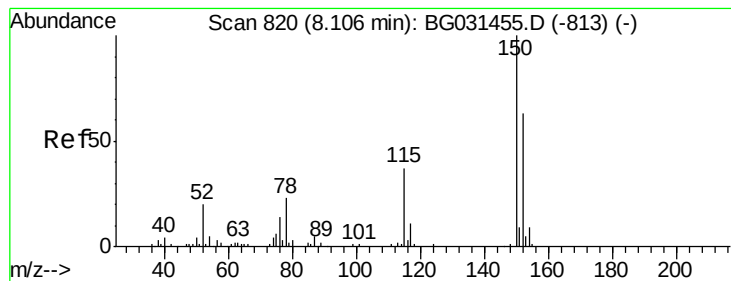
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031658.D
Acq On : 19 Dec 2017 7:09
Operator : SJ/JU
Sample : I6958-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-1-4

Quant Time: Dec 19 08:15:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG031658.D

Acq: 19 Dec 2017 7:09

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4

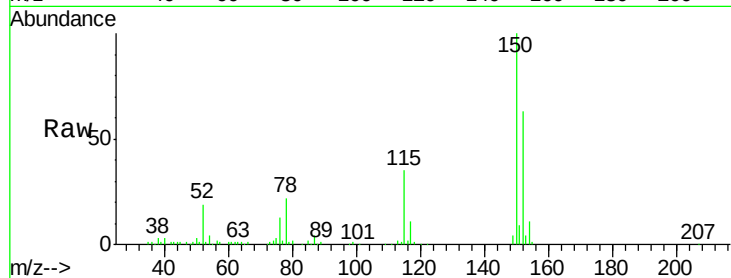
Tgt Ion:152 Resp: 74415

Ion Ratio Lower Upper

152 100

150 158.3 126.6 189.8

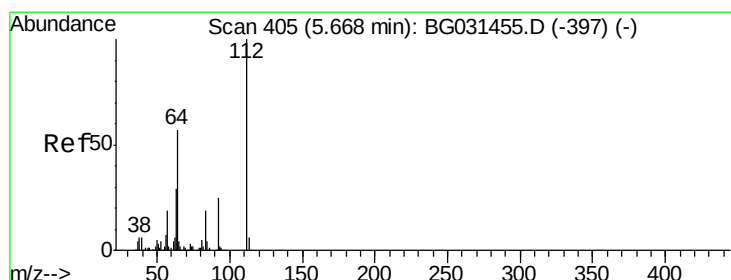
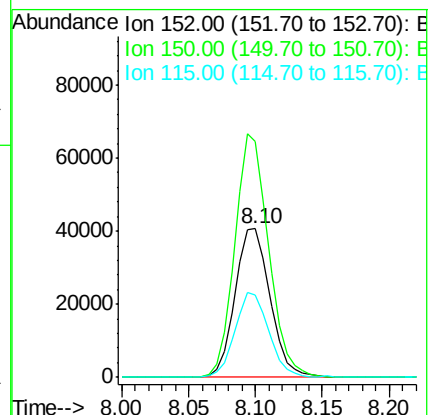
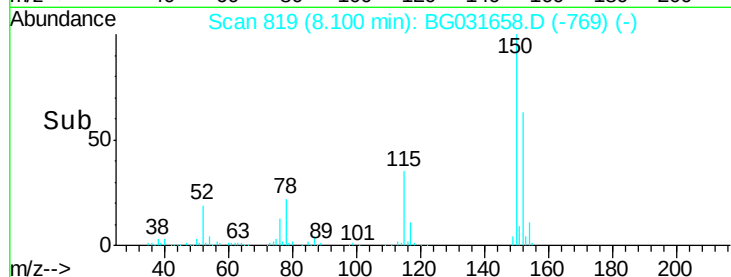
115 55.5 53.0 79.4



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: 134.661 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031658.D

Acq: 19 Dec 2017 7:09

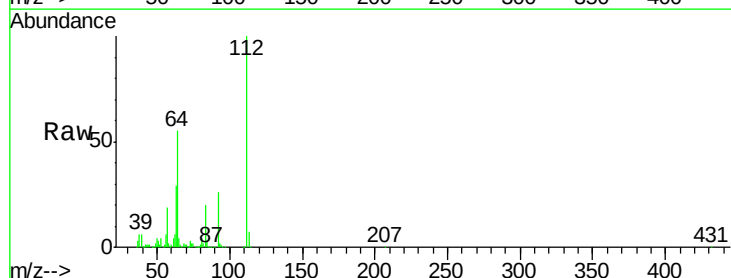
Tgt Ion:112 Resp: 565343

Ion Ratio Lower Upper

112 100

64 54.9 56.3 84.5#

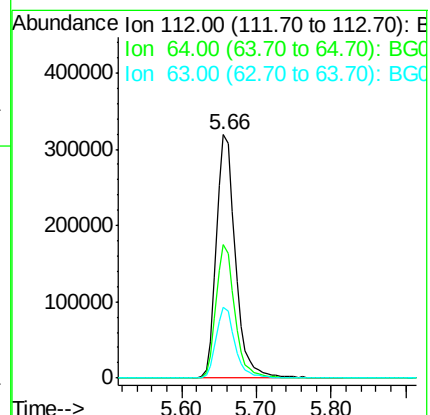
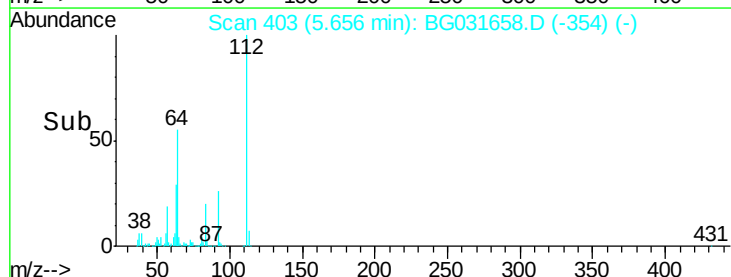
63 29.2 30.1 45.1#

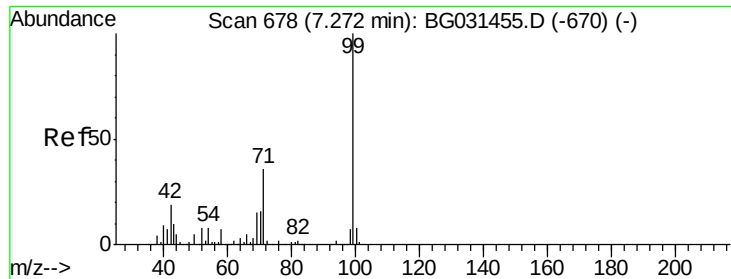


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.294 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031658.D

Acq: 19 Dec 2017 7:09

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4

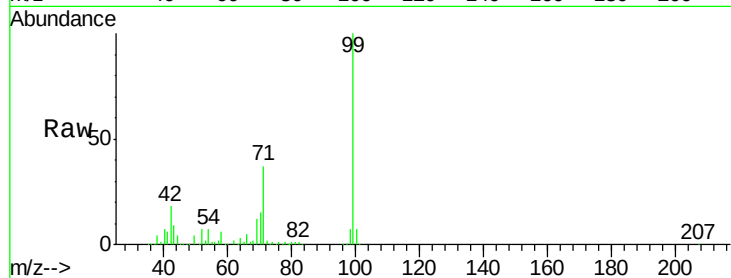
Tgt Ion: 99 Resp: 660296

Ion Ratio Lower Upper

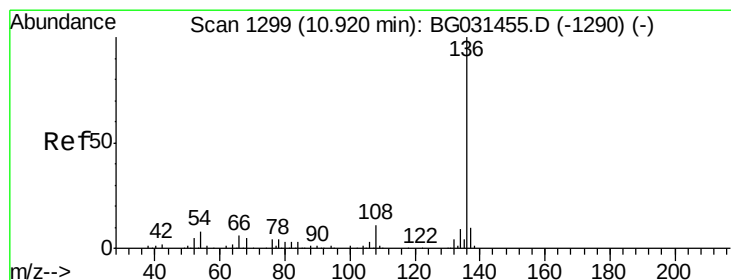
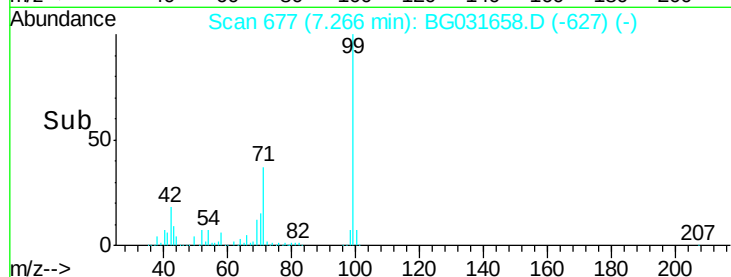
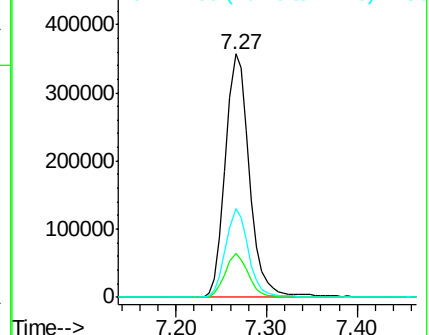
99 100

42 18.2 14.1 21.1

71 36.7 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031658.D

Acq: 19 Dec 2017 7:09

Tgt Ion: 136 Resp: 315308

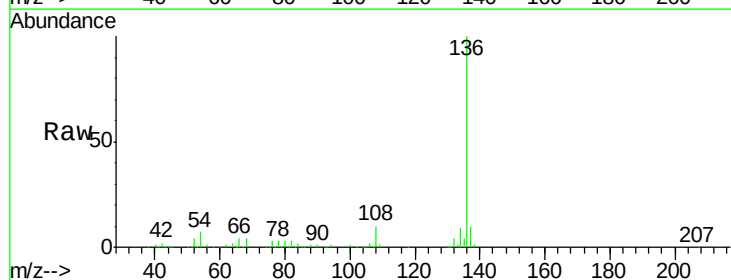
Ion Ratio Lower Upper

136 100

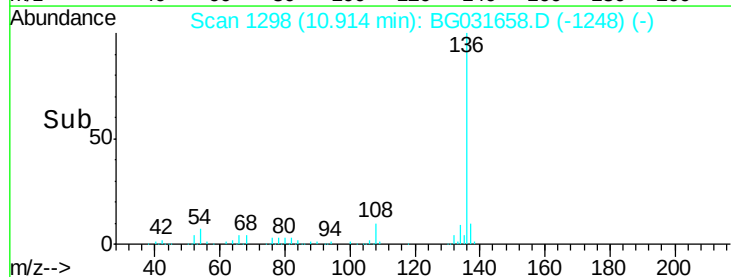
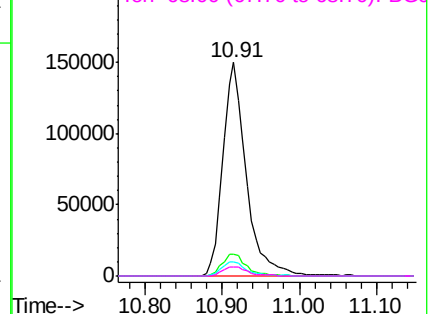
137 10.1 9.2 13.8

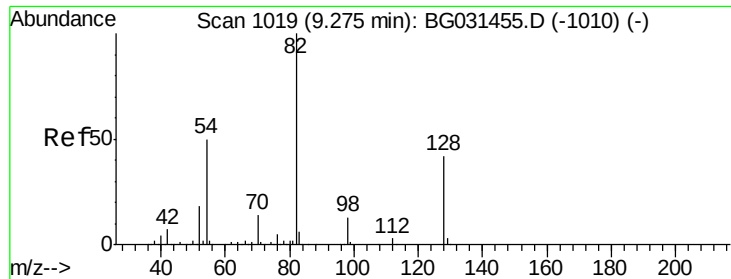
54 6.6 10.3 15.5#

68 4.1 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

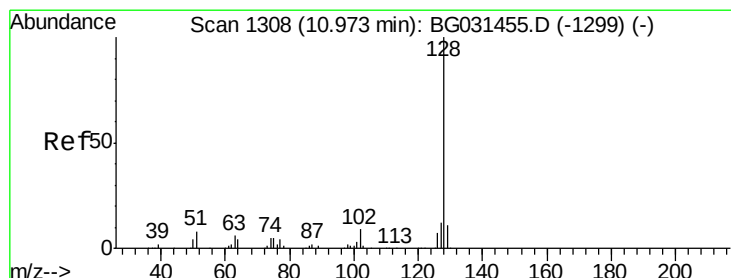
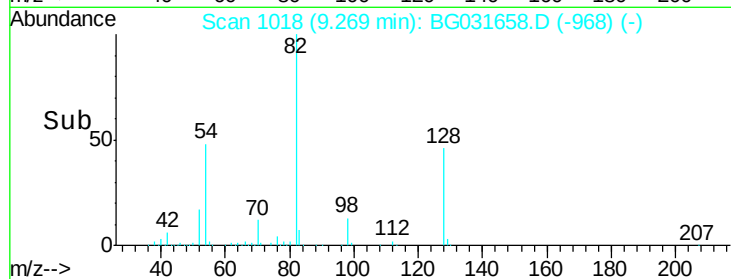
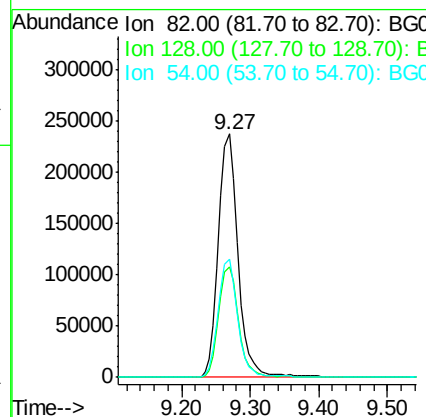
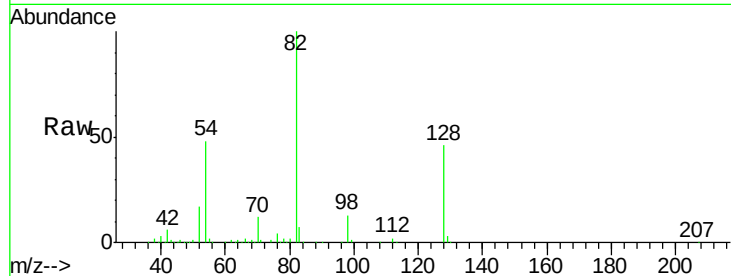




#23
 Nitrobenzene-d5
 Concen: 92.677 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

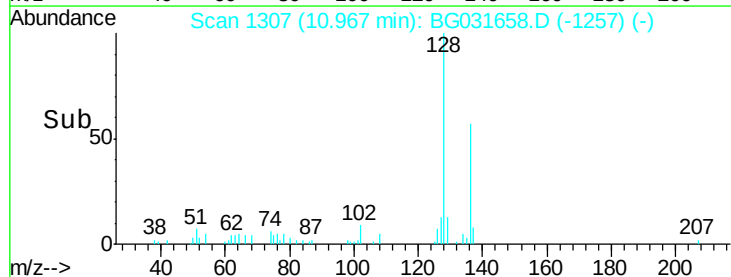
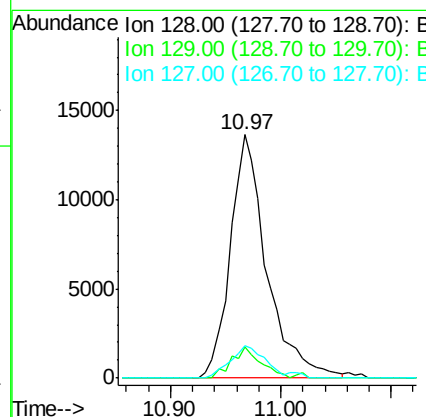
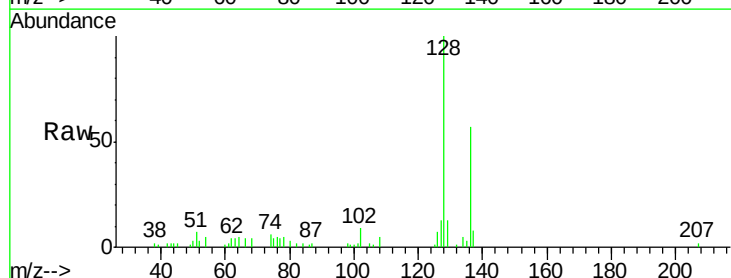
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

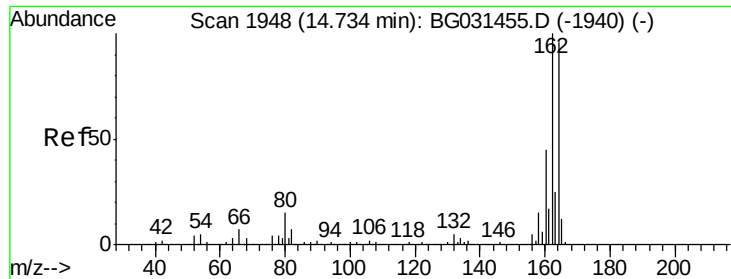
Tgt Ion: 82 Resp: 474097
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 48.4 43.1 64.7



#31
 Naphthalene
 Concen: 2.027 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

Tgt Ion: 128 Resp: 31400
 Ion Ratio Lower Upper
 128 100
 129 12.8 8.6 12.8
 127 13.4 11.6 17.4

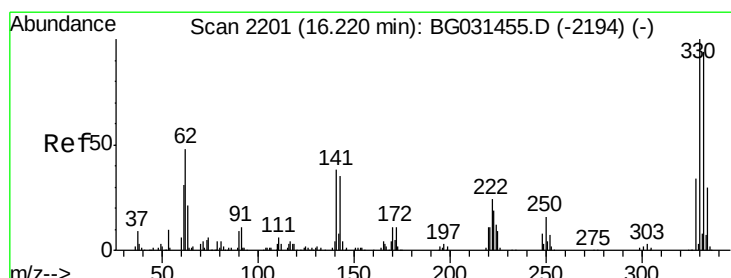
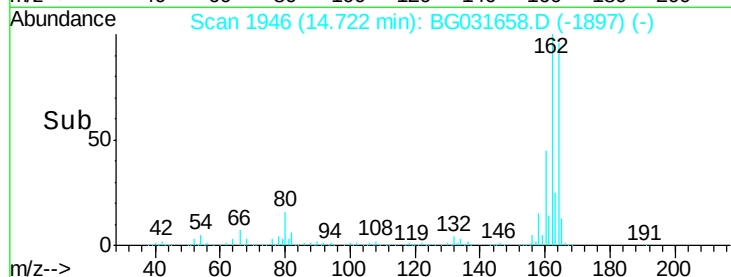
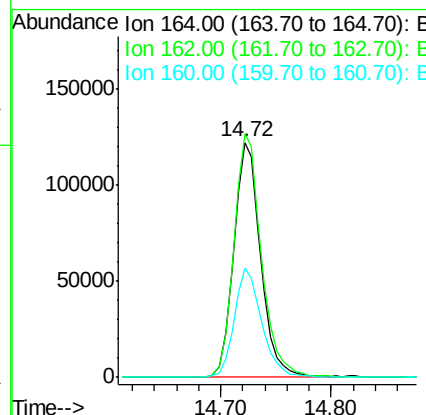
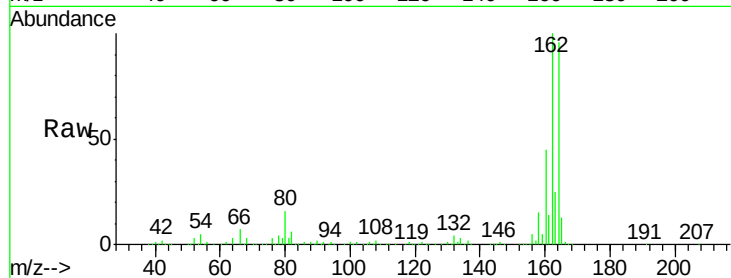




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

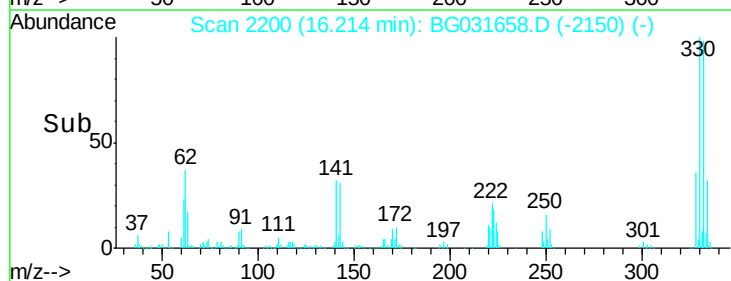
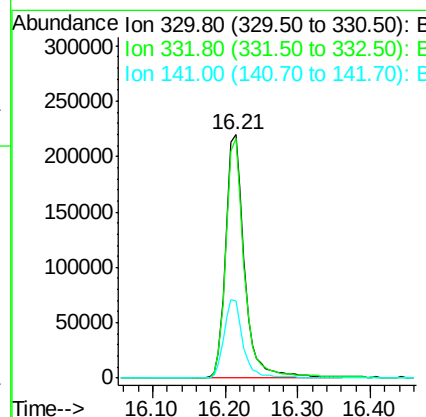
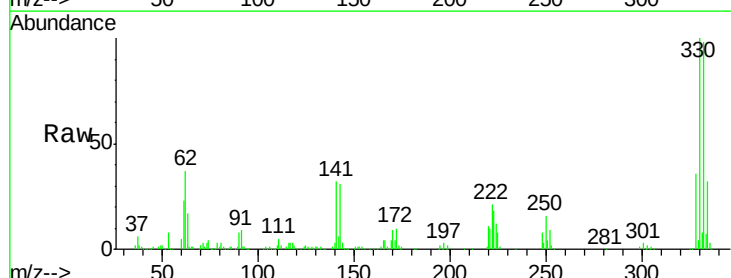
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

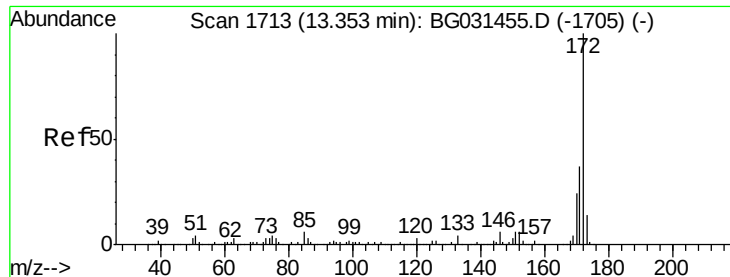
Tgt Ion:164 Resp: 208202
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 46.4 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 163.689 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

Tgt Ion:330 Resp: 399267
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 32.5 25.2 37.8

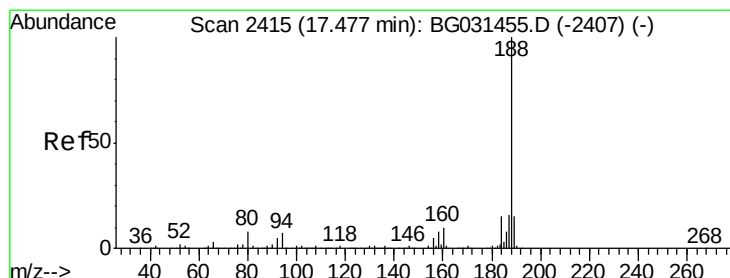
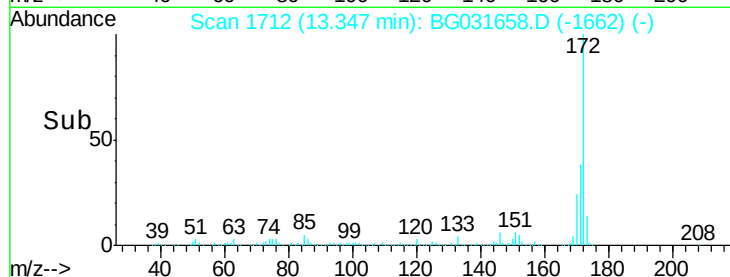
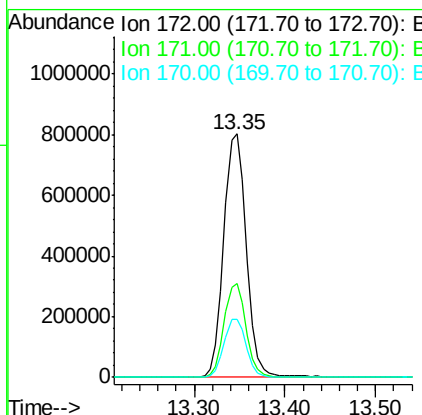
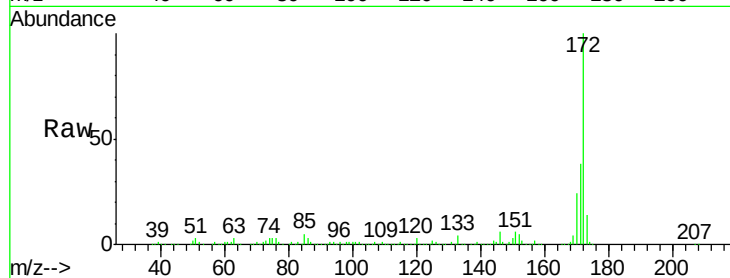




#44
 2-Fluorobiphenyl
 Concen: 97.888 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

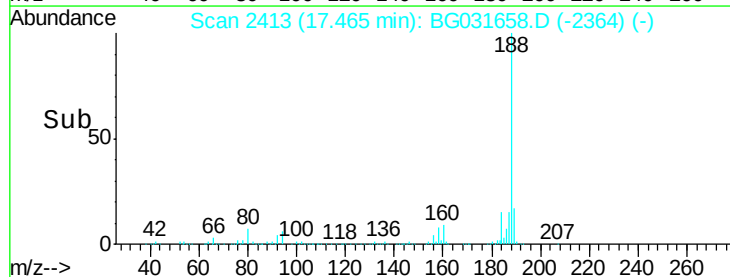
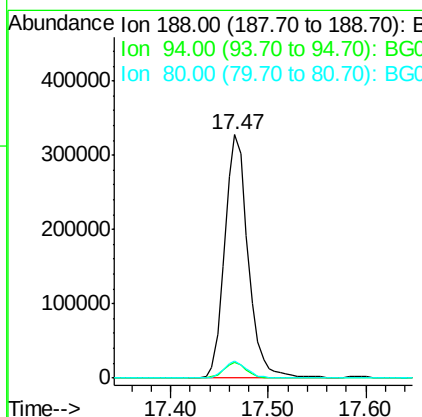
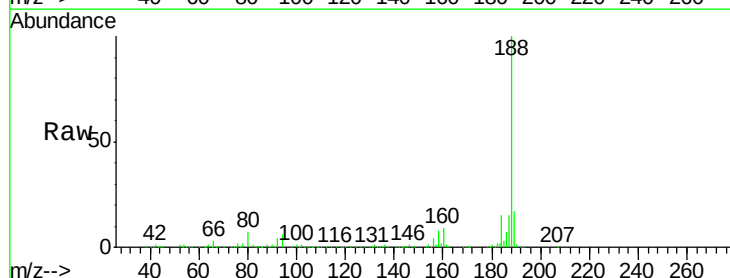
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

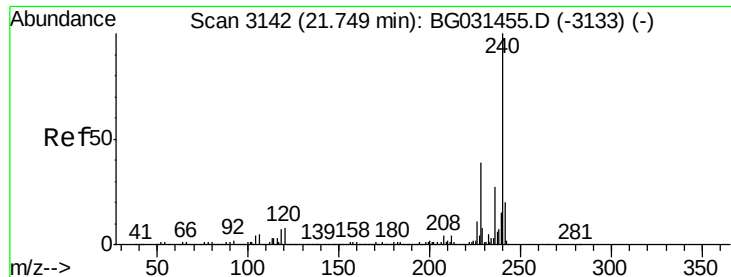
Tgt Ion:172 Resp: 1388443
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 23.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

Tgt Ion:188 Resp: 544636
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.0 7.7 11.5#

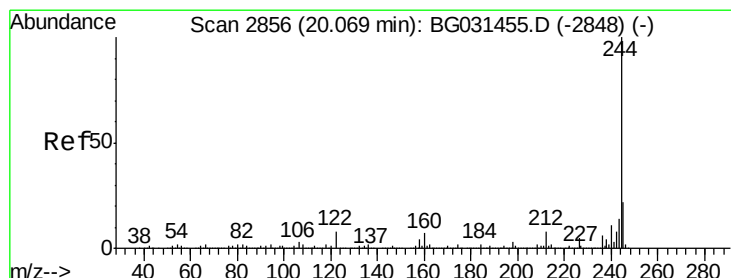
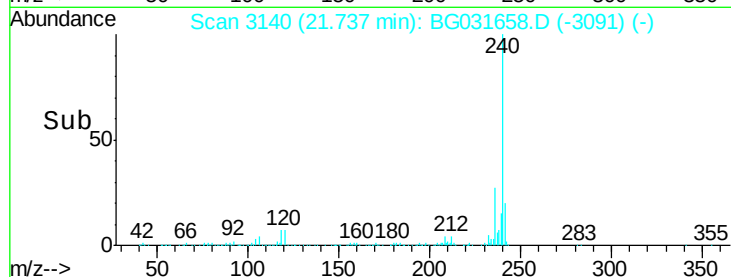
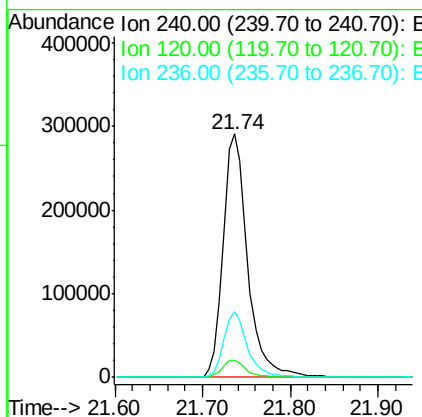
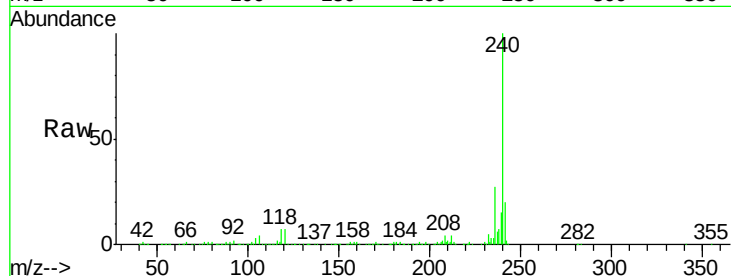




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031658.D
Acq: 19 Dec 2017 7:09

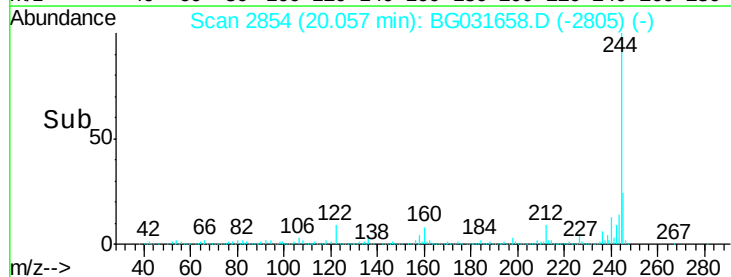
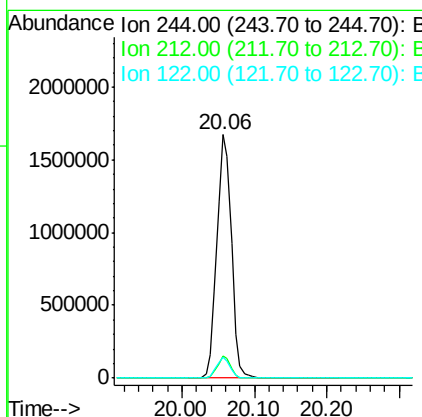
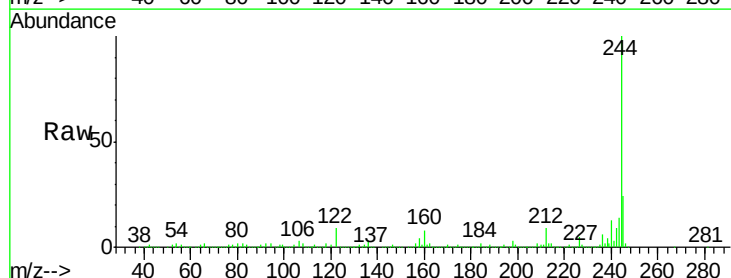
Instrument :
BNA_G
ClientSampleId :
DRUM-1-4

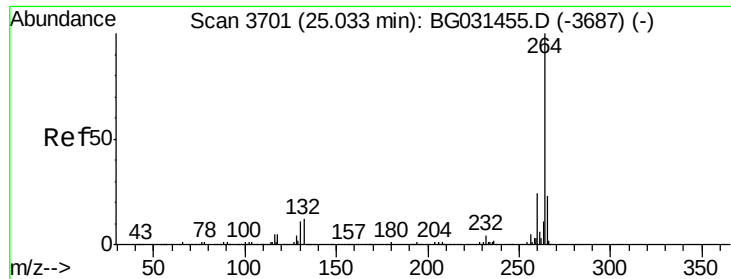
Tgt Ion:240 Resp: 559919
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2#
236 27.1 20.9 31.3



#78
Terphenyl-d14
Concen: 94.907 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031658.D
Acq: 19 Dec 2017 7:09

Tgt Ion:244 Resp: 2335672
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 8.7 7.0 10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	20.6	17.7	26.5

