

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 :

Quant Time: Dec 19 08:10:27 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

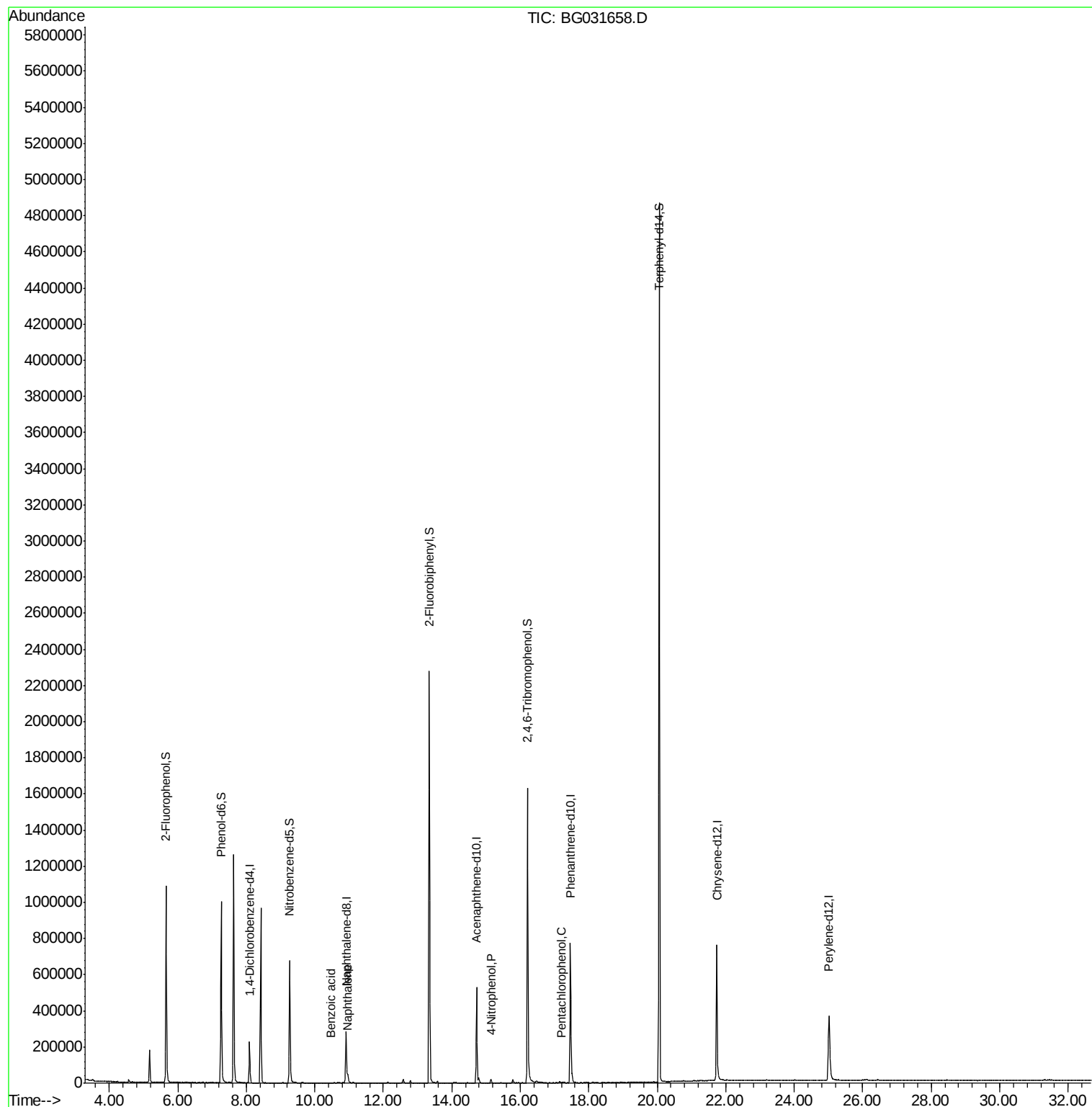
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	74415	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	315308	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	208202	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	544636	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	559919	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	96
32) Benzoic acid	10.47	122	81	6.990	ng	# 1
55) 4-Nitrophenol	15.14	139	6260	5.900	ng	# 1
69) Pentachlorophenol	17.20	266	249	5.735	ng	# 19

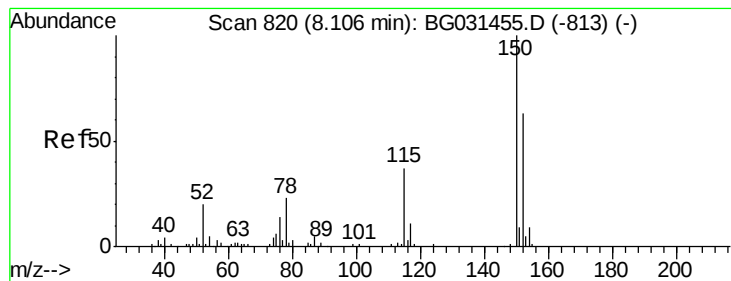
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Dec 19 08:10:27 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



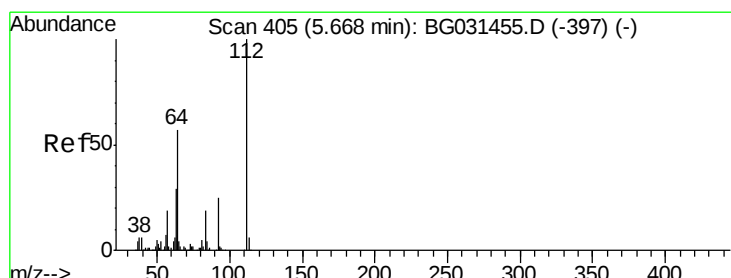
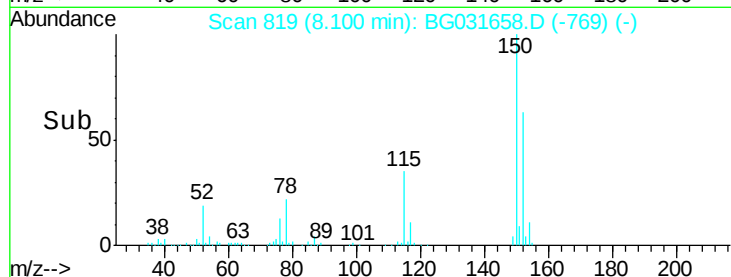
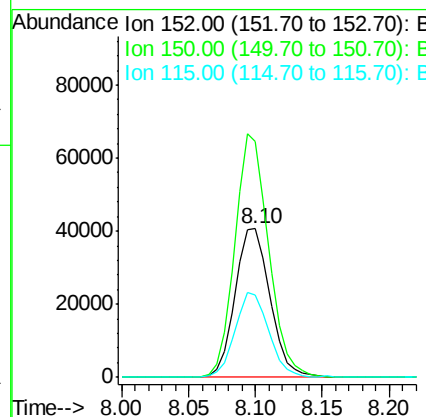
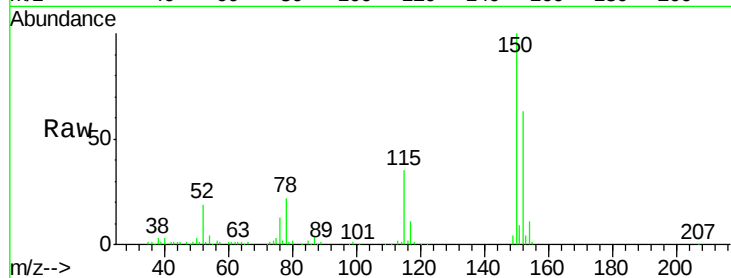


#1

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 :

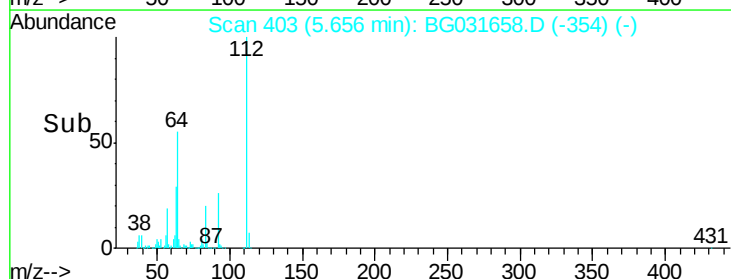
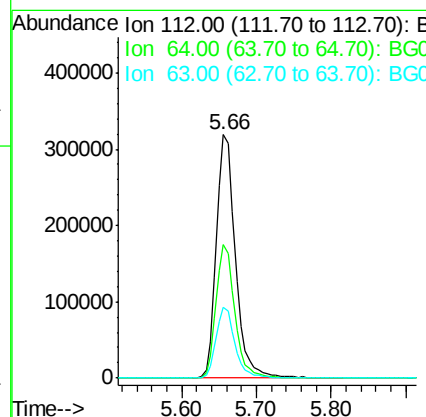
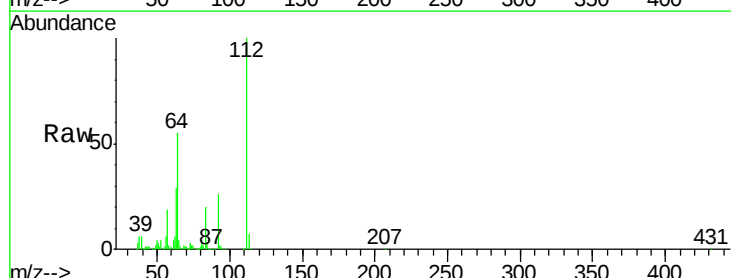
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	55.5	53.0	79.4

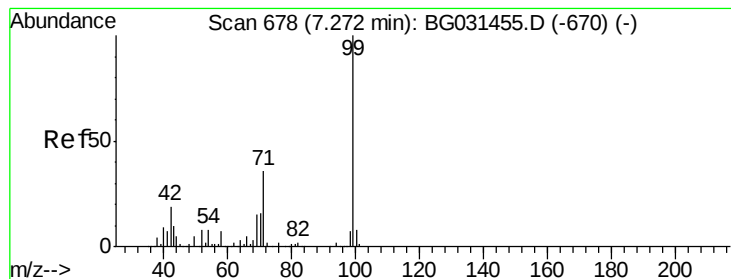


#5

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	Ratio	Lower	Upper
112	100		
64	54.9	56.3	84.5#
63	29.2	30.1	45.1#





#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 :

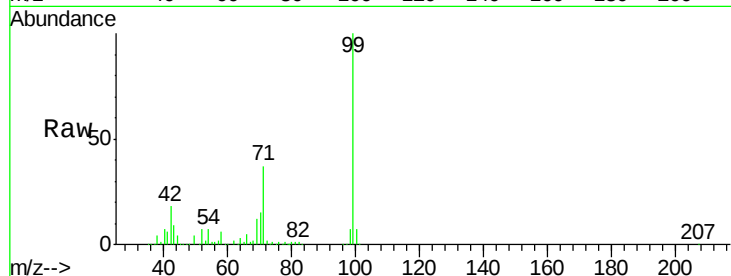
Tot Ion: 99 Resp: 660296

Ion Ratio Lower Upper

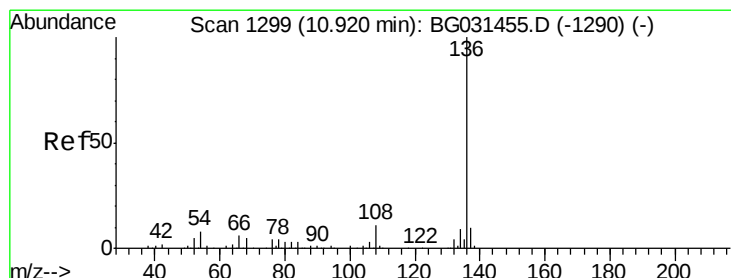
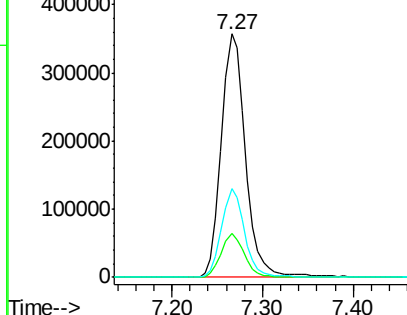
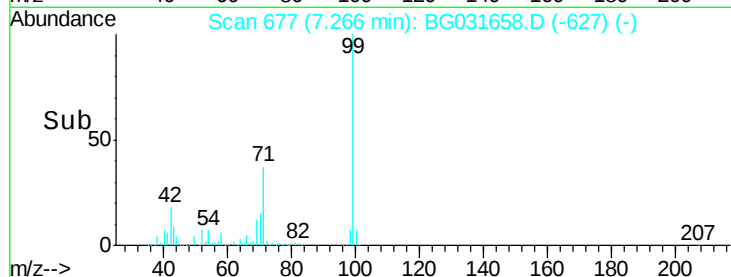
99 100

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

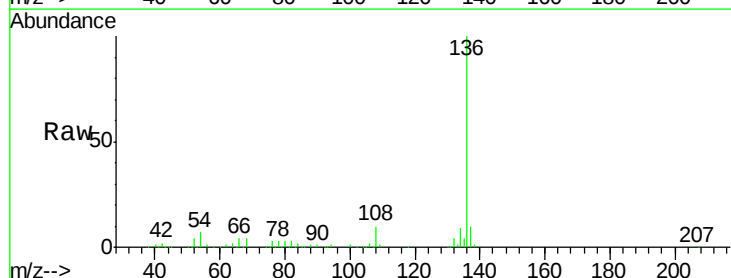
Ion Ratio Lower Upper

136 100

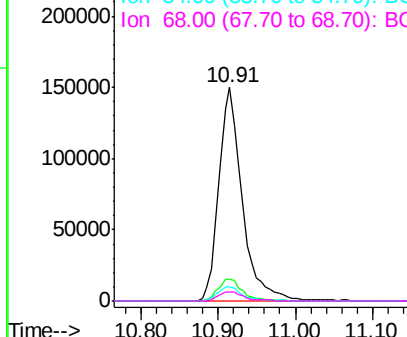
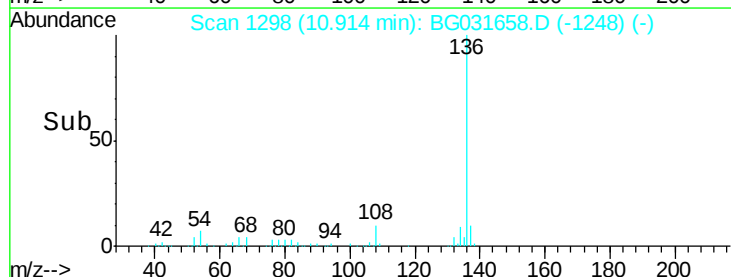
137 10.1 9.2 13.8

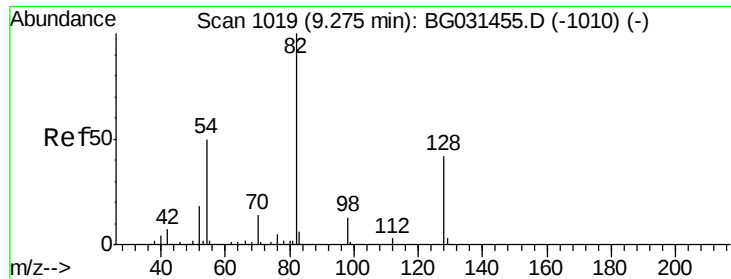
54 6.6 10.3 15.5#

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

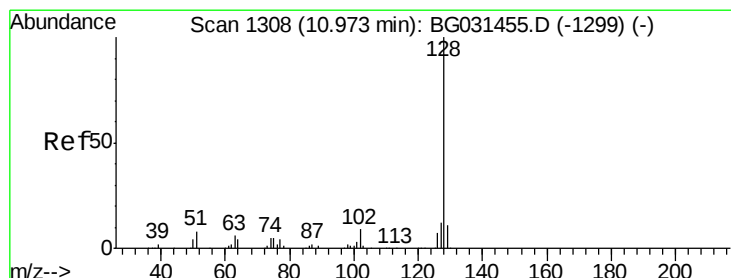
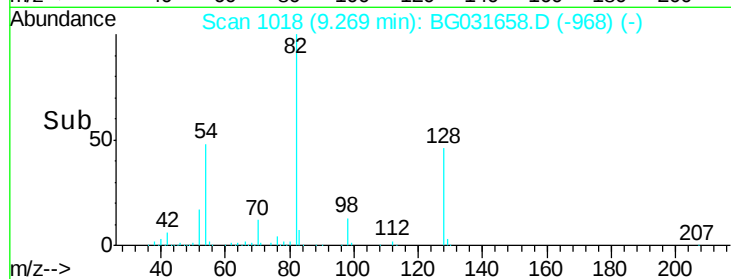
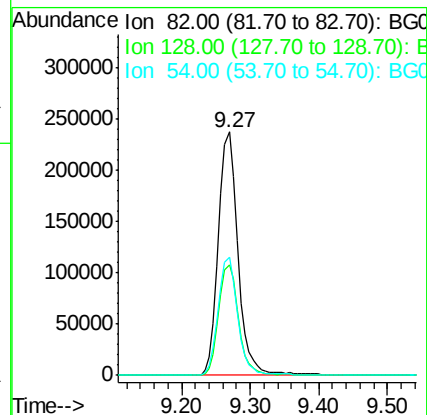
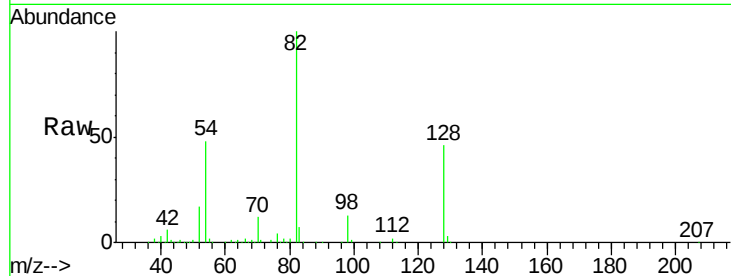




#23
 Nitrobenzene-d5
 Concen: 92.677 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

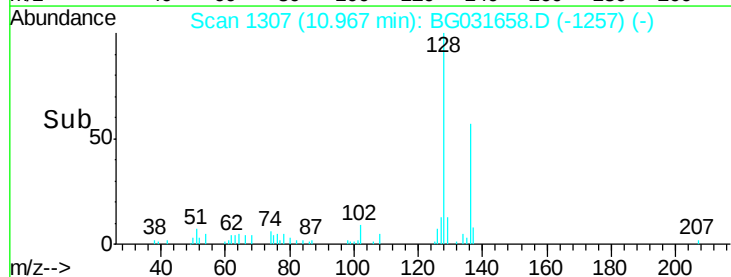
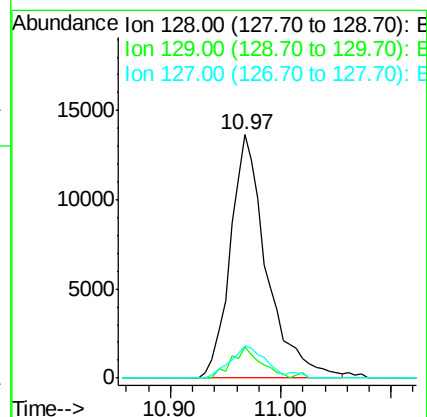
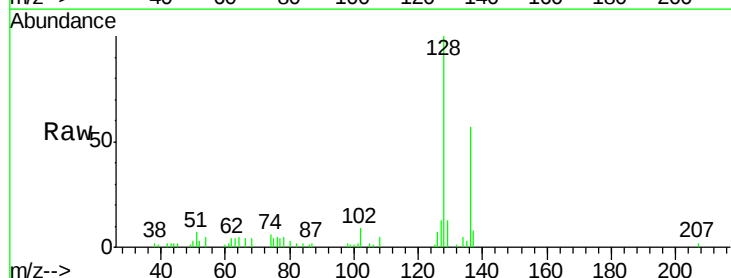
Instrument :
 BNA_G
 ClientSampleId :

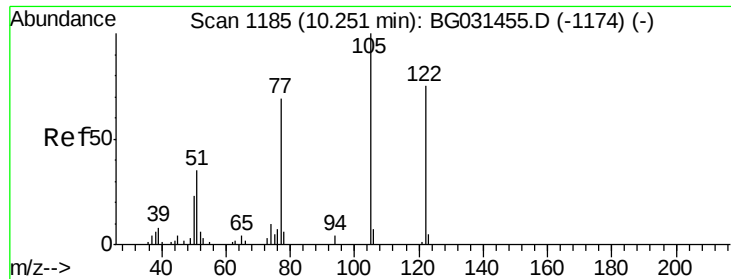
Tot Ion: 82 Resp: 474097
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 48.4 43.1 64.7



#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

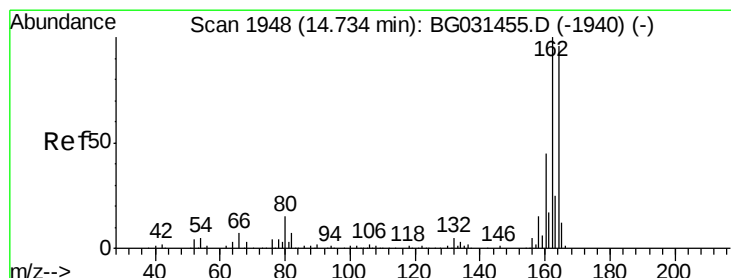
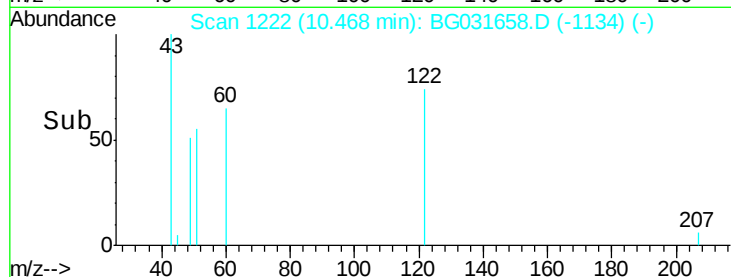
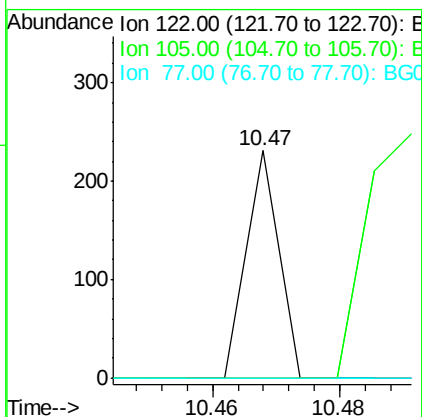
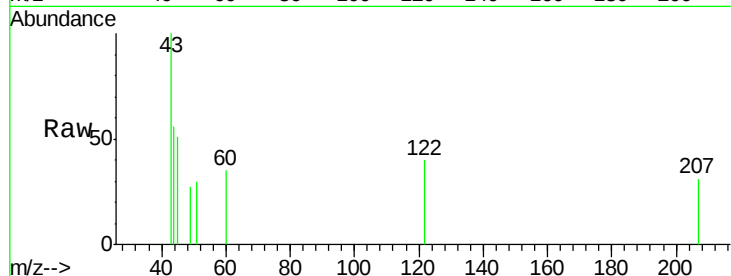




#32
Benzoic acid
Concen: 6.990 ng
RT: 10.47 min Scan# 1222
Delta R.T. 0.22 min
Lab File: BG031658.D
Acq: 19 Dec 2017 7:09

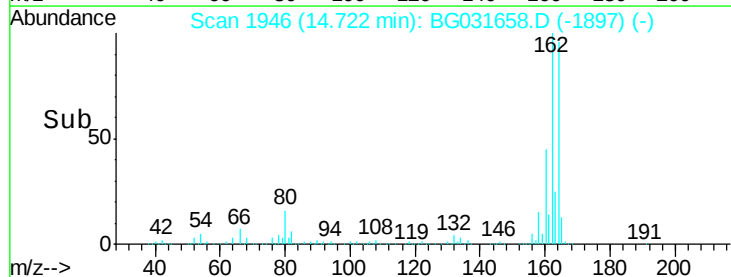
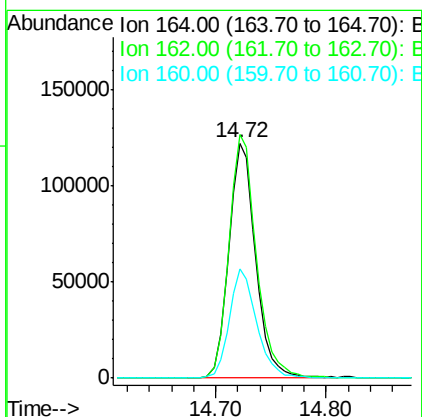
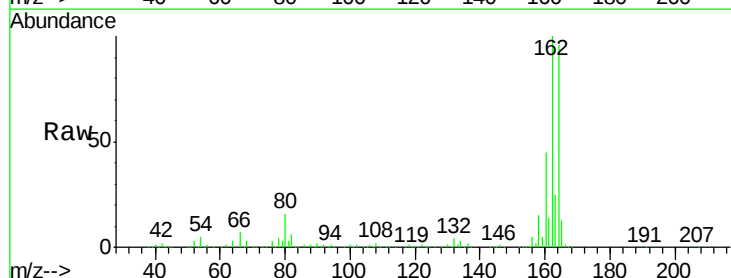
Instrument :
BNA_G
ClientSampleId :

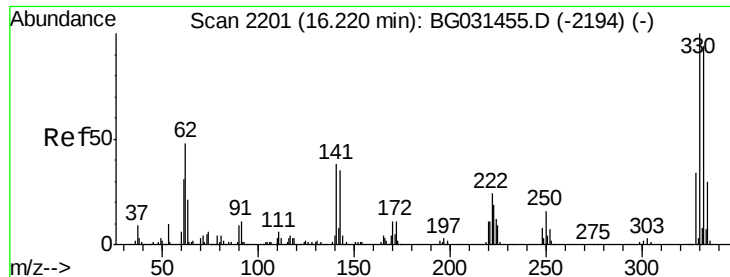
Tot Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



#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

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

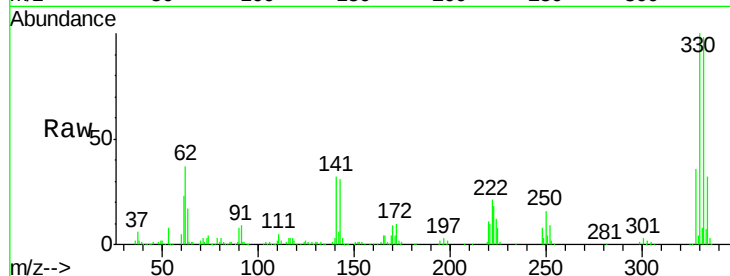




#41
 2,4,6-Tribromophenol
 Concen: 163.689 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031658.D
 Acq: 19 Dec 2017 7:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.5	25.2	37.8

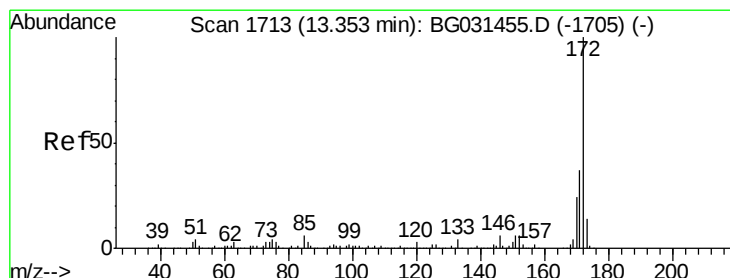
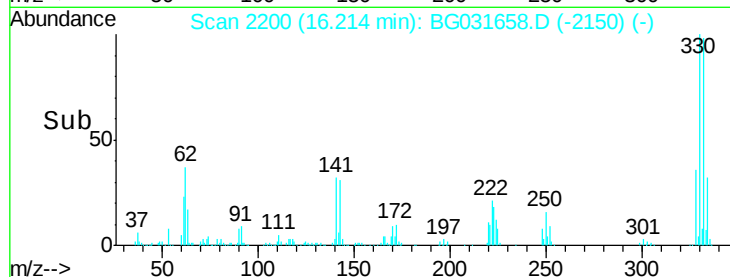
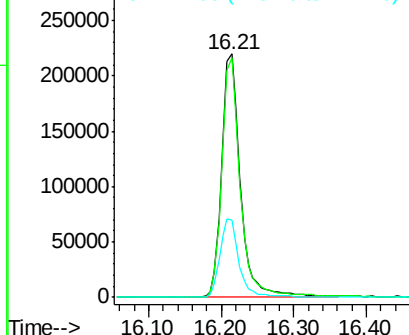


Abundance

Ion 329.80 (329.50 to 330.50): E

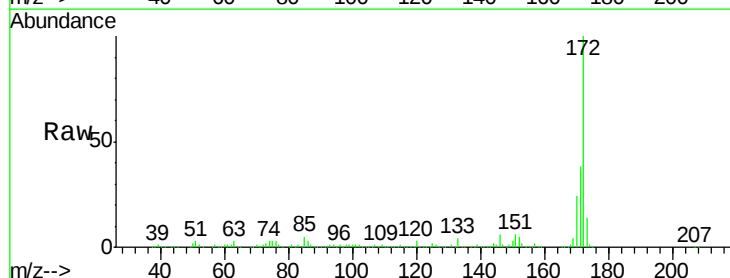
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 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

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

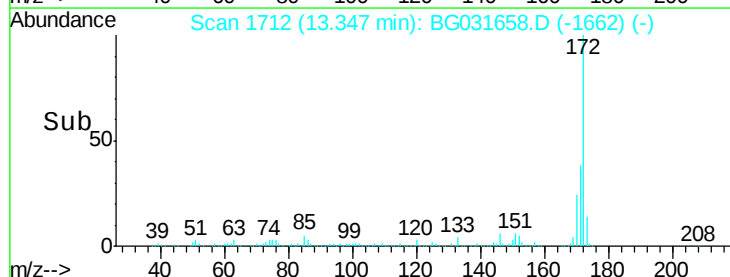
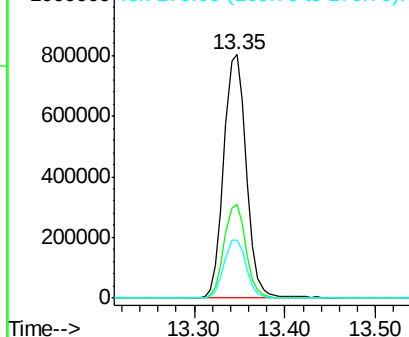


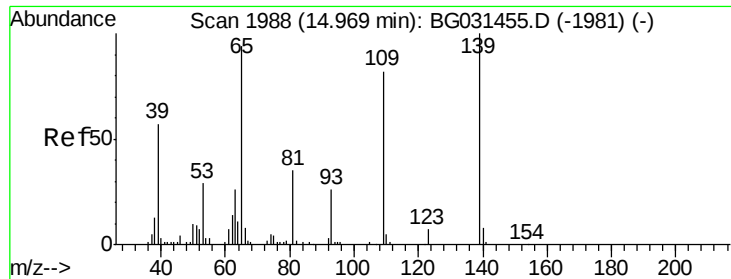
Abundance

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

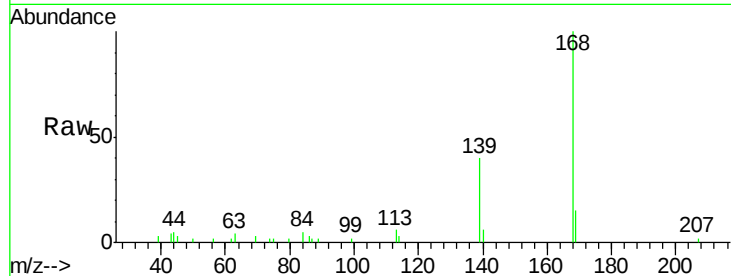




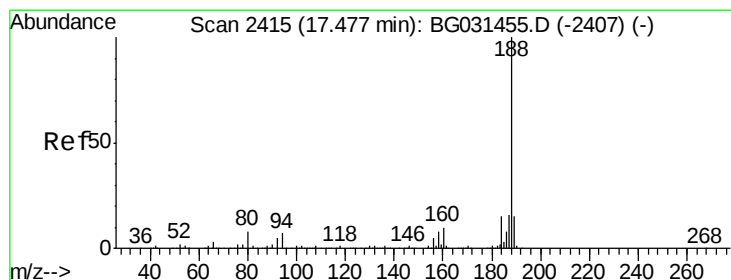
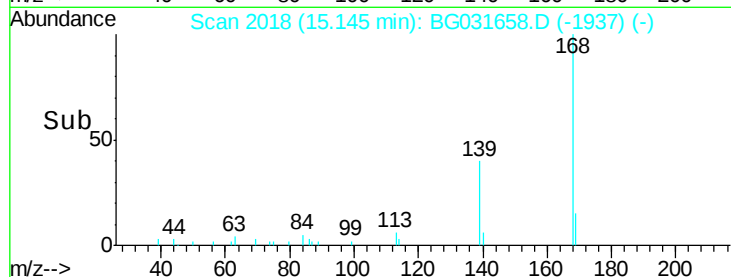
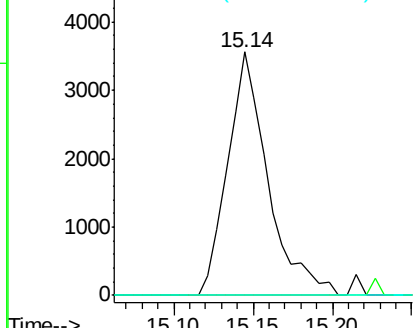
#55
4-Nitrophenol
Concen: 5.900 ng
RT: 15.14 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG031658.D
Acq: 19 Dec 2017 7:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 6260
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

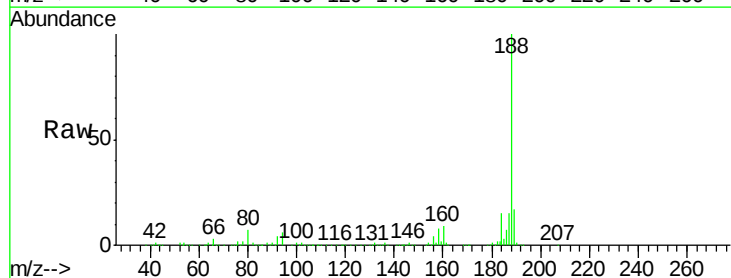


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

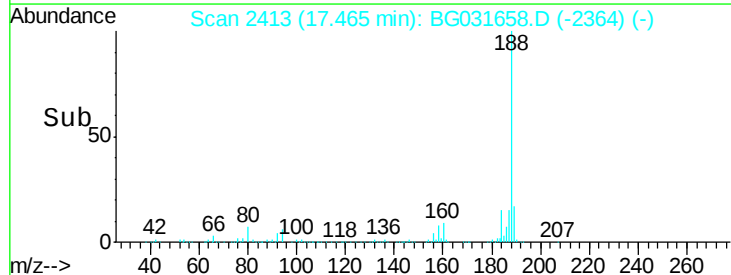
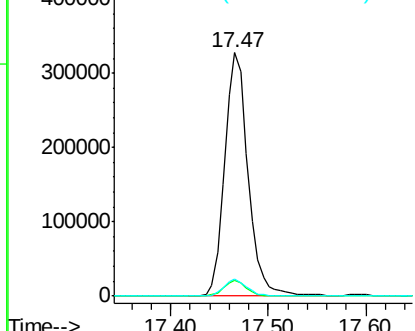


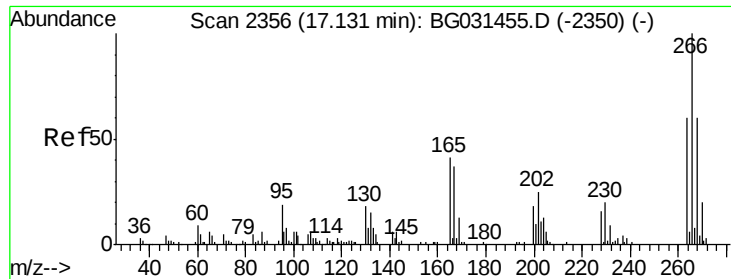
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031658.D
Acq: 19 Dec 2017 7:09

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#



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





#69

Pentachlorophenol

Concen: 5.735 ng

RT: 17.20 min Scan# 2368

Delta R.T. 0.07 min

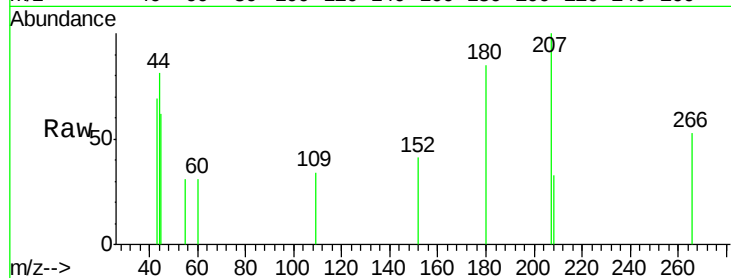
Lab File: BG031658.D

Acq: 19 Dec 2017 7:09

Instrument :

BNA_G

ClientSampleId :



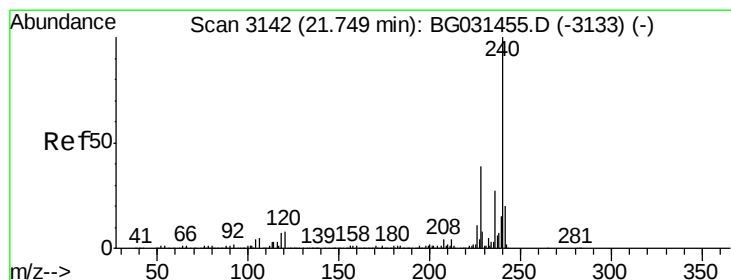
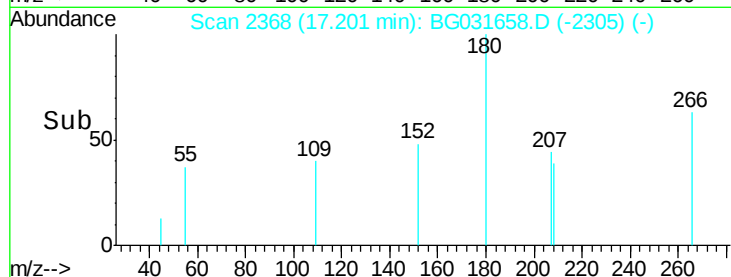
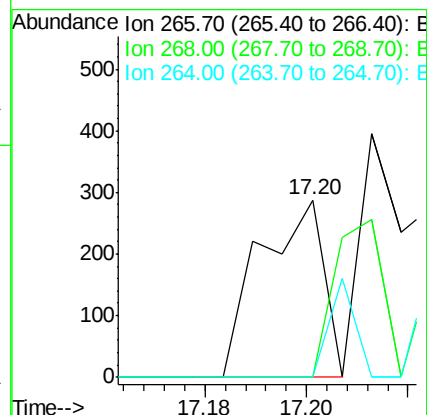
Tot Ion:266 Resp: 249

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

264 0.0 49.6 74.4#



#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

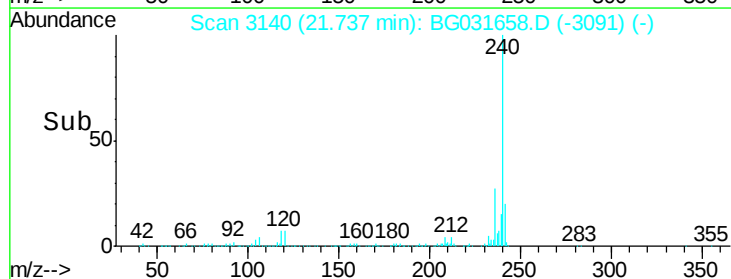
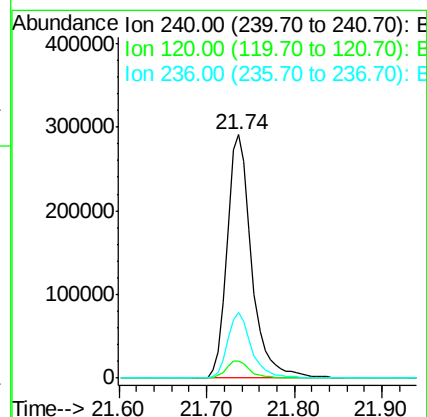
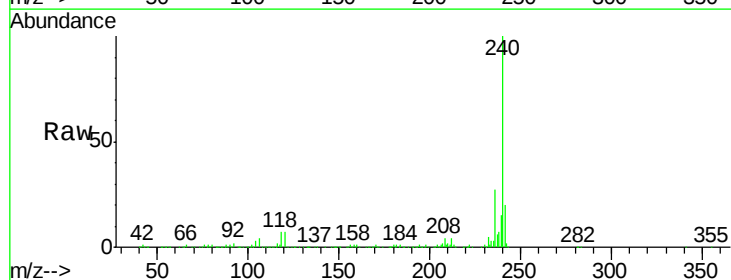
Tgt Ion:240 Resp: 559919

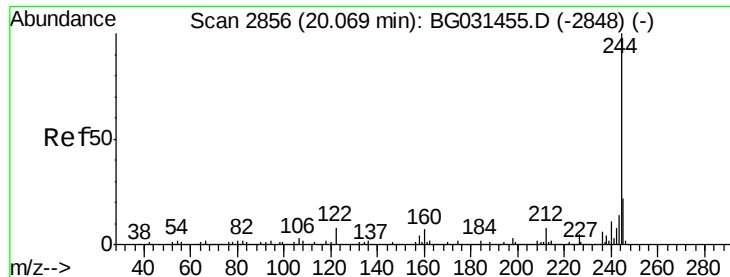
Ion Ratio Lower Upper

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

Instrument :

BNA_G

ClientSampleId :

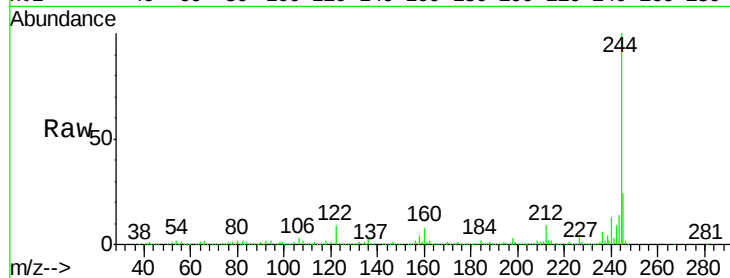
Tot Ion:244 Resp: 2335672

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

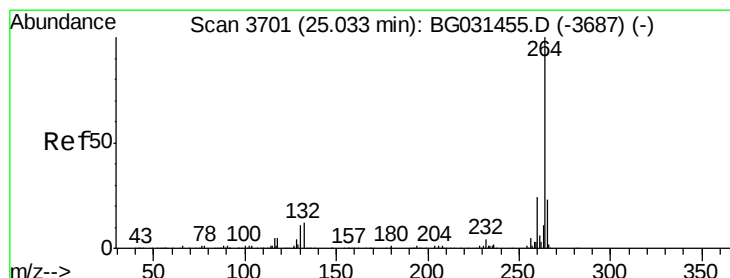
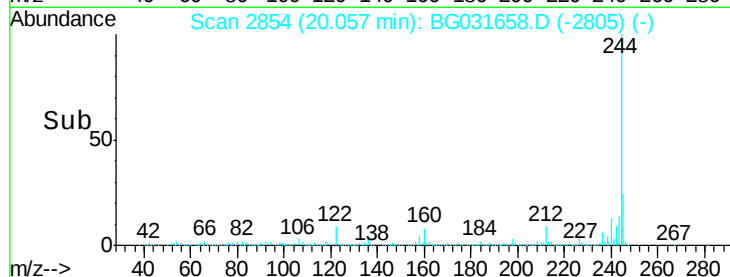
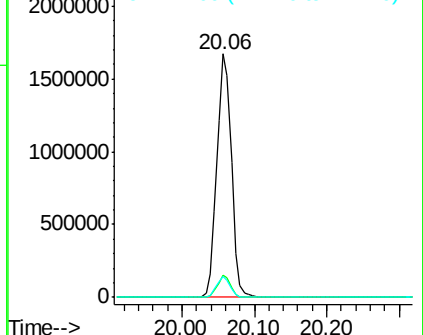
122 8.7 7.0 10.4



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

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

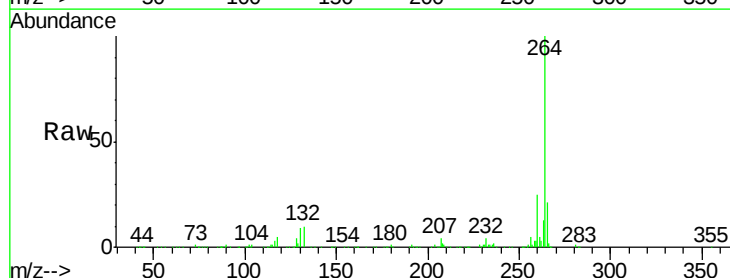
Tgt Ion:264 Resp: 491251

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 20.6 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

