

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017536.D
 Acq On : 7 Jun 2015 15:44
 Operator : TP/IZ
 Sample : G2457-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIER2-3(0-2)

Quant Time: Jun 08 05:29:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

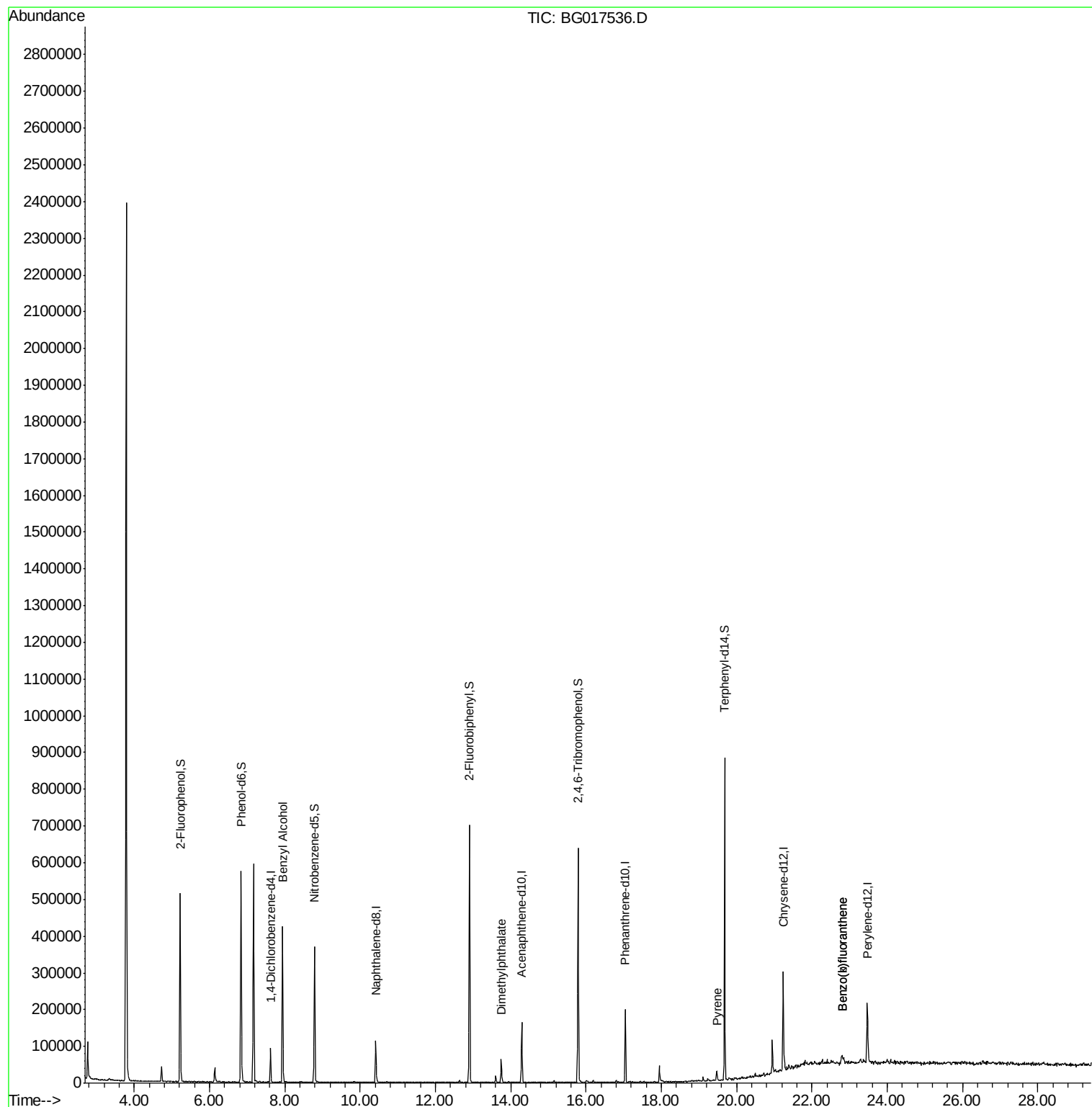
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19736	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	81414	20.00	ng	-0.01
38) Acenaphthene-d10	14.29	164	51072	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	103989	20.00	ng	0.00
75) Chrysene-d12	21.24	240	112998	20.00	ng	0.00
86) Perylene-d12	23.48	264	116565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	178699	159.52	ng	0.00
7) Phenol-d6	6.84	99	240003	157.26	ng	0.00
23) Nitrobenzene-d5	8.79	82	177996	109.14	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	88310	124.49	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	304728	90.01	ng	0.00
78) Terphenyl-d14	19.68	244	342476	62.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.94	79	3637	2.56	ng	# 62
49) Dimethylphthalate	13.75	163	35662	8.02	ng	# 96
77) Pyrene	19.47	202	14139	2.03	ng	96
87) Benzo(b)fluoranthene	22.81	252	14791	2.00	ng	94
88) Benzo(k)fluoranthene	22.81	252	14791	2.09	ng	94

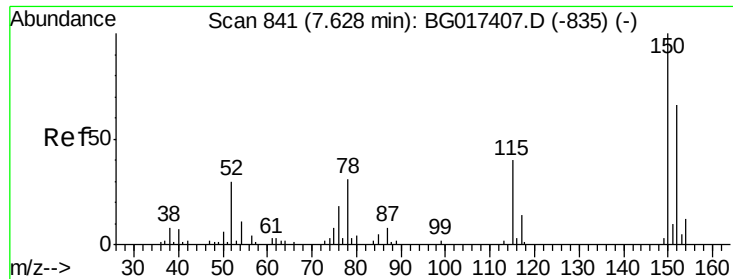
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-3(0-2)

Quant Time: Jun 08 05:29:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration



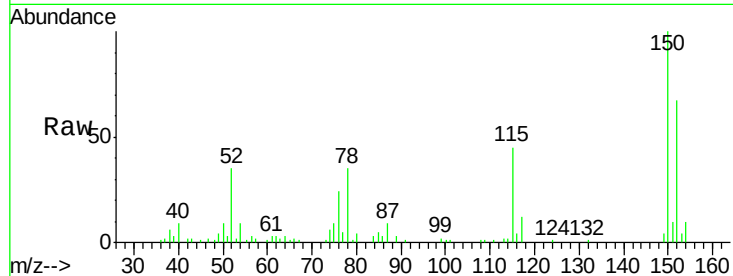


#1

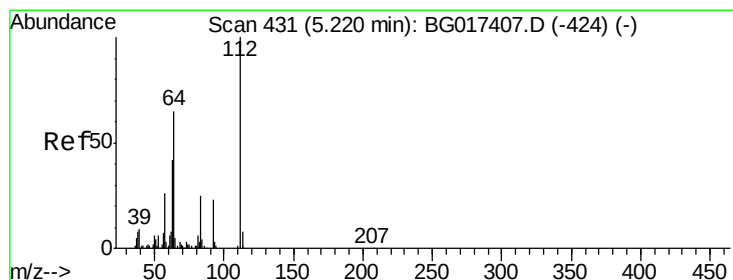
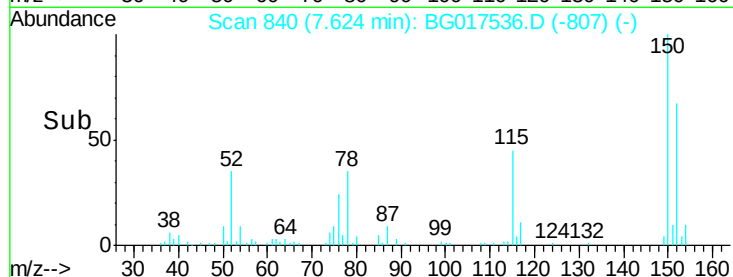
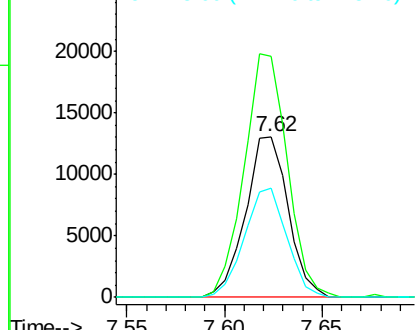
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

Instrument :
BNA_G
ClientSampleId :
PIER2-3(0-2)

Tgt Ion:152 Resp: 19736
Ion Ratio Lower Upper
152 100
150 149.6 121.7 182.5
115 67.7 48.6 73.0



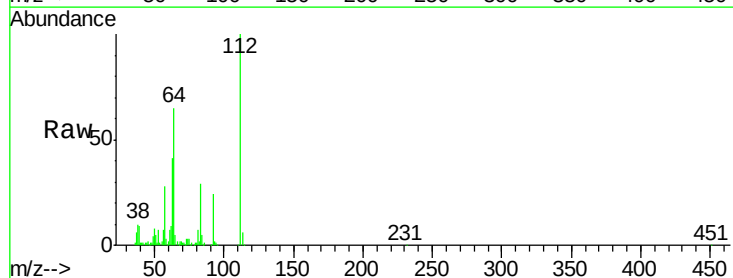
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



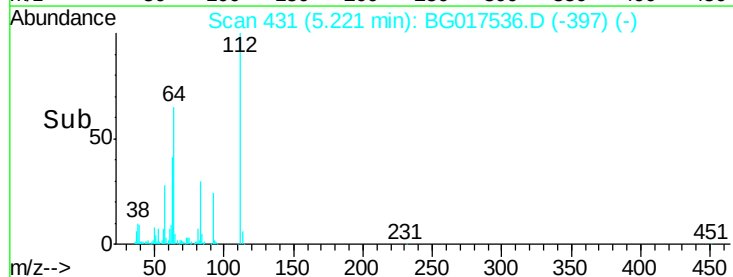
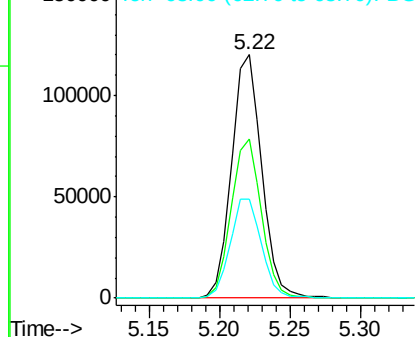
#5

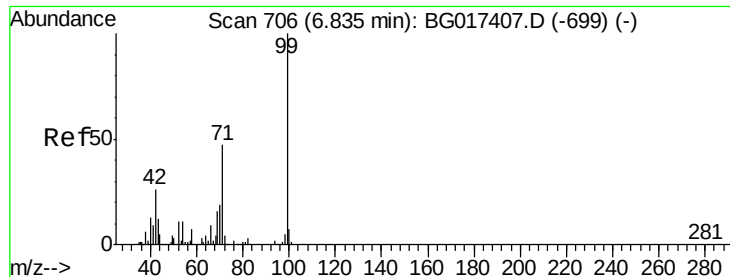
2-Fluorophenol
Concen: 159.52 ng
RT: 5.22 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

Tgt Ion:112 Resp: 178699
Ion Ratio Lower Upper
112 100
64 65.1 51.6 77.4
63 40.8 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 157.26 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

Instrument :

BNA_G

ClientSampleId :

PIER2-3(0-2)

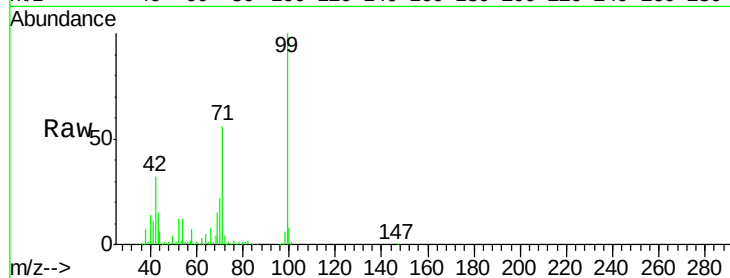
Tgt Ion: 99 Resp: 240003

Ion Ratio Lower Upper

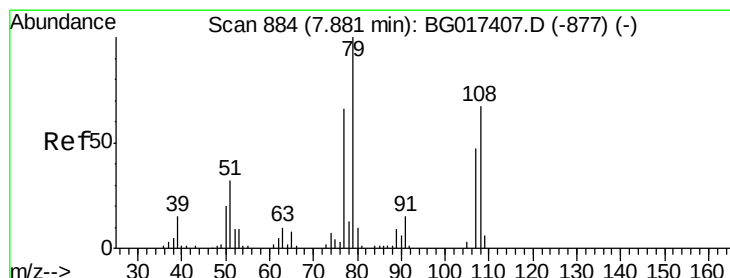
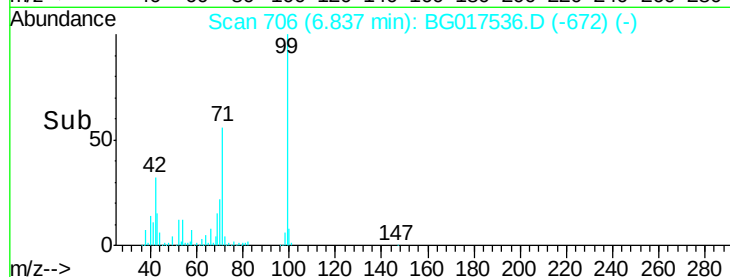
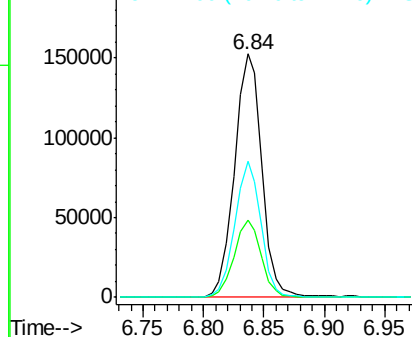
99 100

42 31.9 21.0 31.6#

71 56.0 37.2 55.8#



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



#15

Benzyl Alcohol

Concen: 2.56 ng

RT: 7.94 min Scan# 894

Delta R.T. 0.06 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

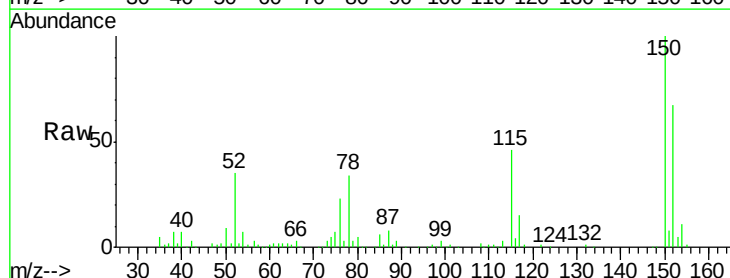
Tgt Ion: 79 Resp: 3637

Ion Ratio Lower Upper

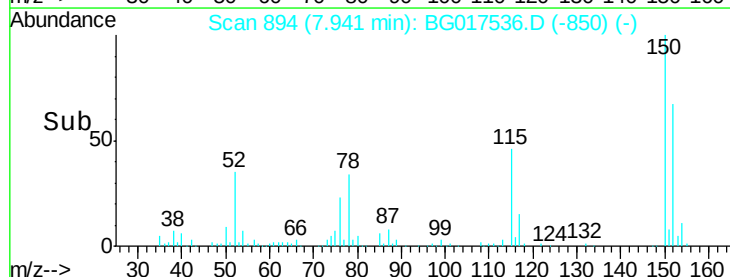
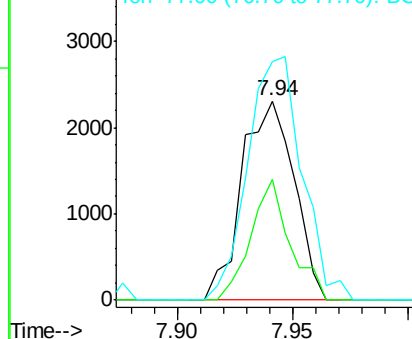
79 100

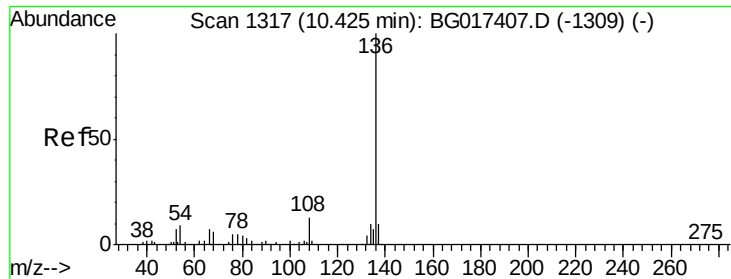
108 60.7 53.7 80.5

77 120.2 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

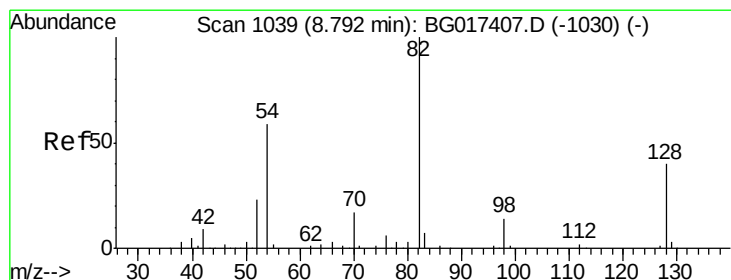
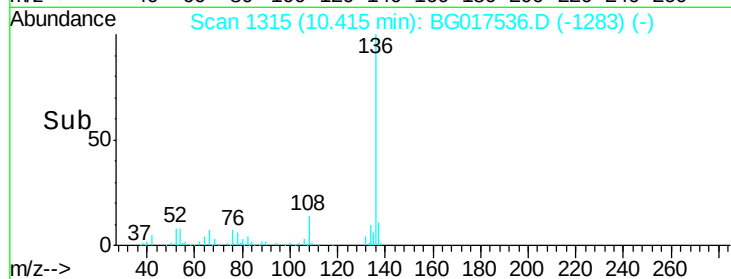
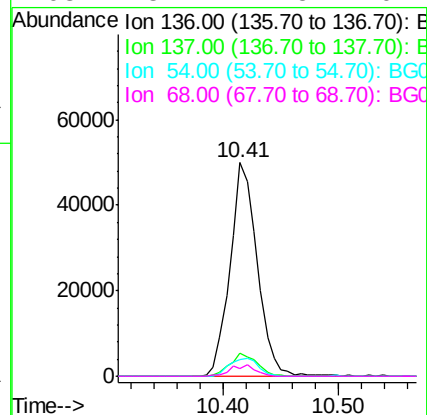
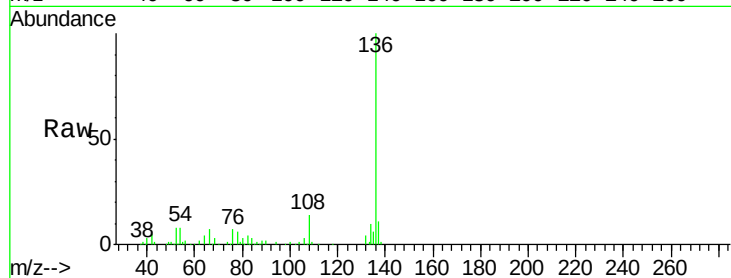




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

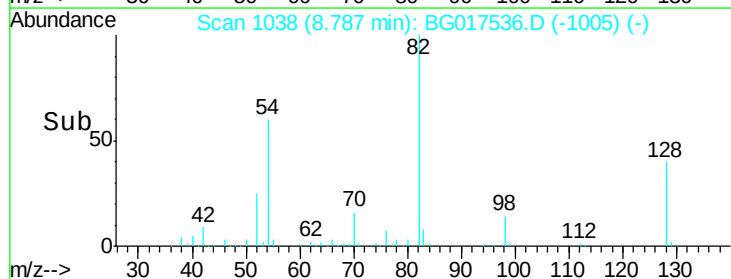
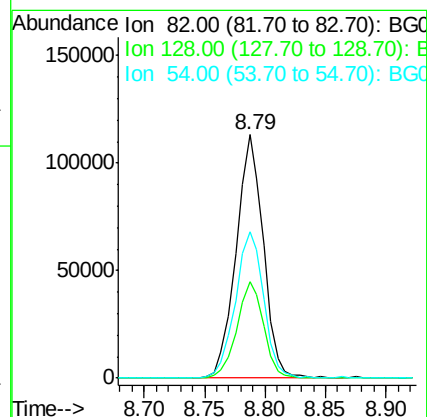
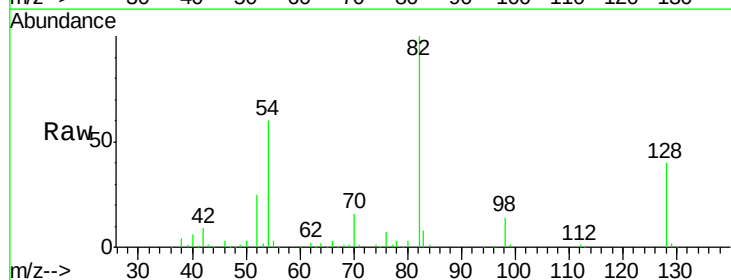
Instrument :
BNA_G
ClientSampleId :
PIER2-3(0-2)

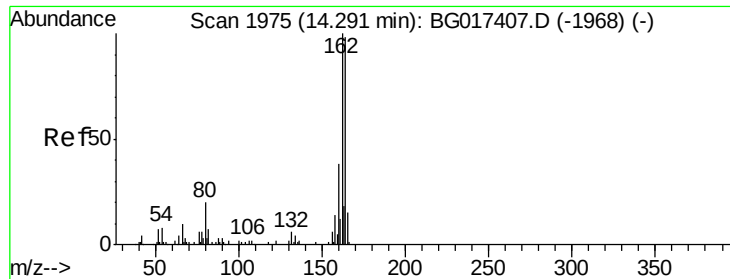
Tgt Ion:	136	Resp:	81414
Ion	Ratio	Lower	Upper
136	100		
137	10.7	7.9	11.9
54	7.9	7.2	10.8
68	3.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 109.14 ng
RT: 8.79 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

Tgt Ion:	82	Resp:	177996
Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.4
54	59.9	47.4	71.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

Instrument :

BNA_G

ClientSampleId :

PIER2-3(0-2)

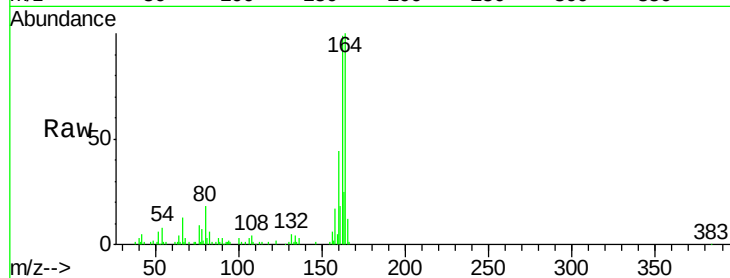
Tgt Ion:164 Resp: 51072

Ion Ratio Lower Upper

164 100

162 98.5 81.8 122.6

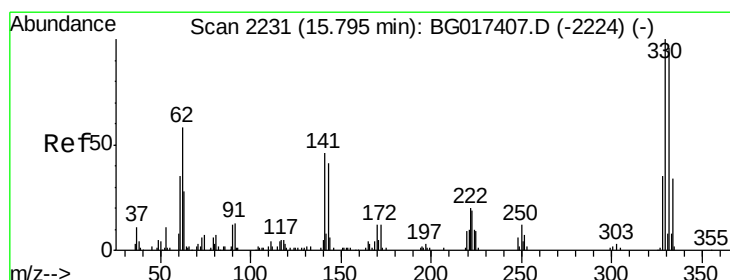
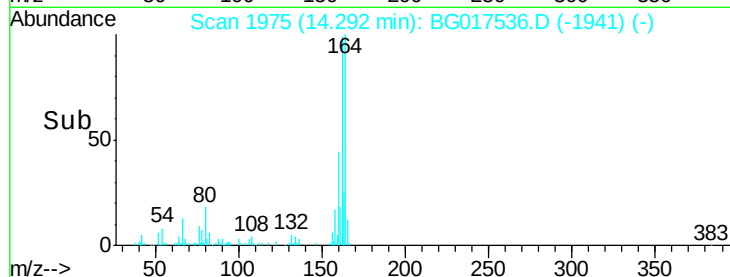
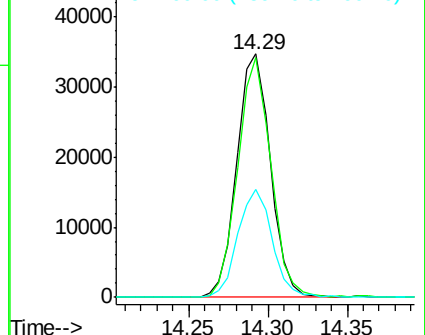
160 44.4 31.0 46.4



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: 124.49 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

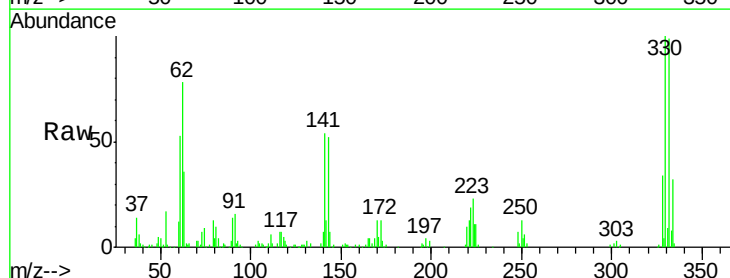
Tgt Ion:330 Resp: 88310

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

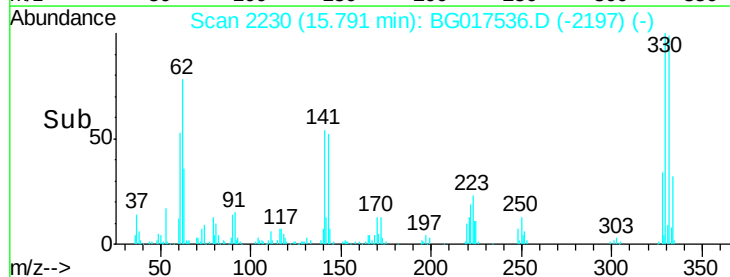
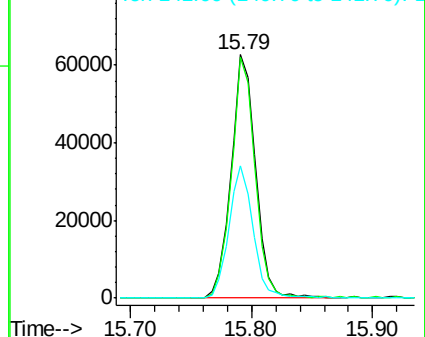
141 53.1 40.2 60.4

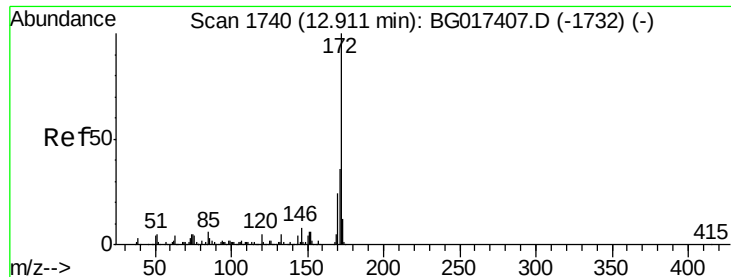


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

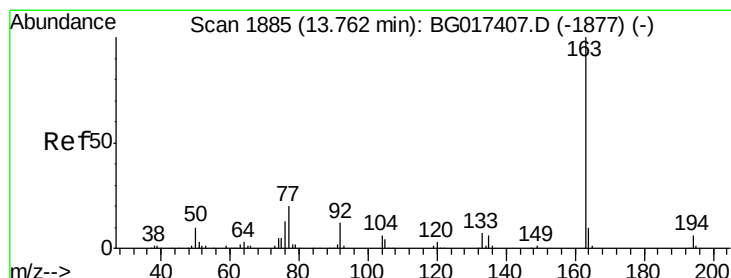
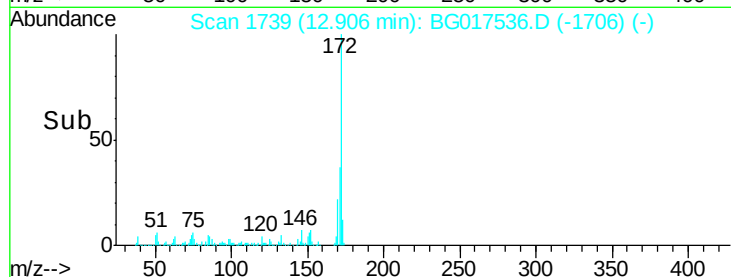
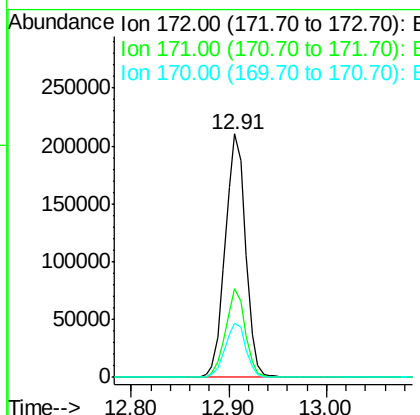
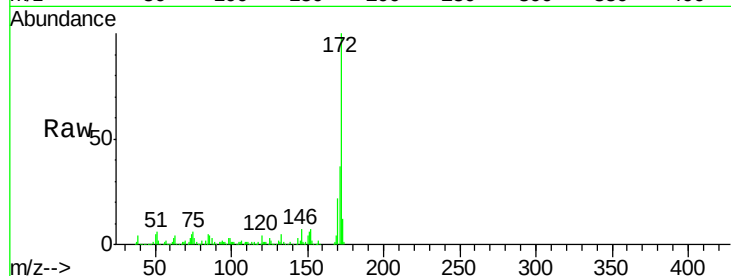




#44
2-Fluorobiphenyl
Concen: 90.01 ng
RT: 12.91 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

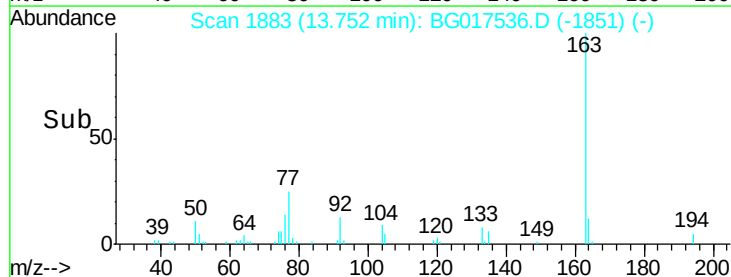
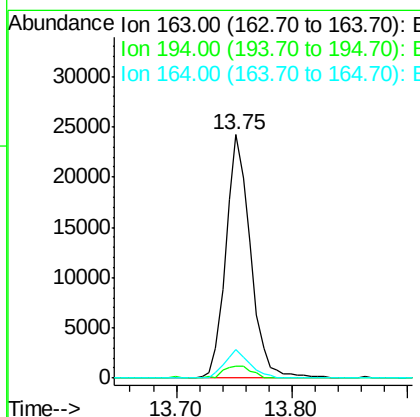
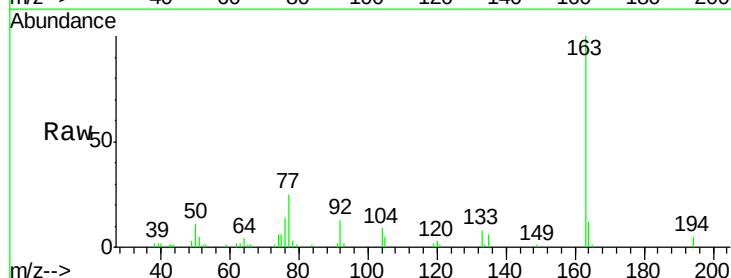
Instrument :
BNA_G
ClientSampleId :
PIER2-3(0-2)

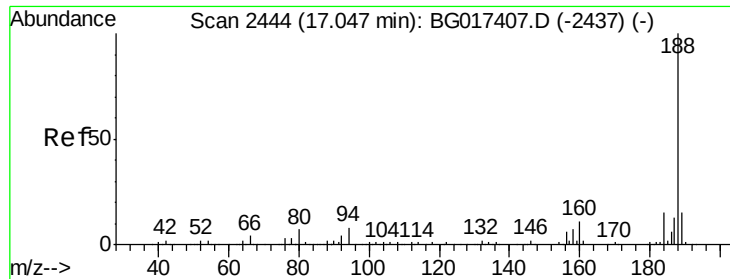
Tgt Ion:172 Resp: 304728
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 22.3 18.9 28.3



#49
Dimethylphthalate
Concen: 8.02 ng
RT: 13.75 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

Tgt Ion:163 Resp: 35662
Ion Ratio Lower Upper
163 100
194 4.8 4.9 7.3#
164 11.7 8.2 12.2

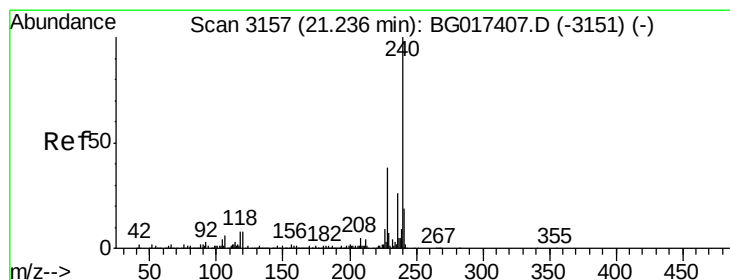
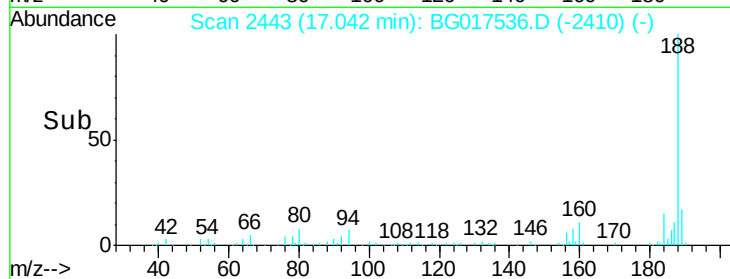
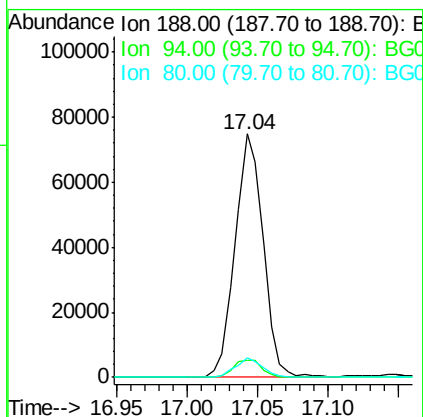
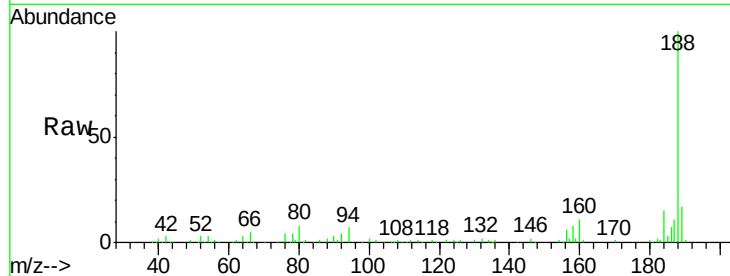




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

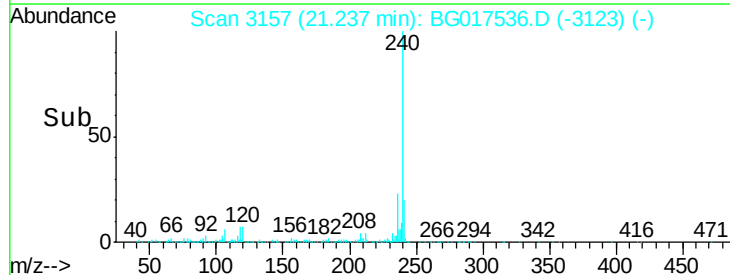
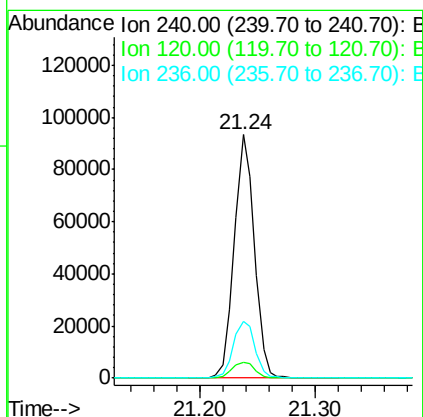
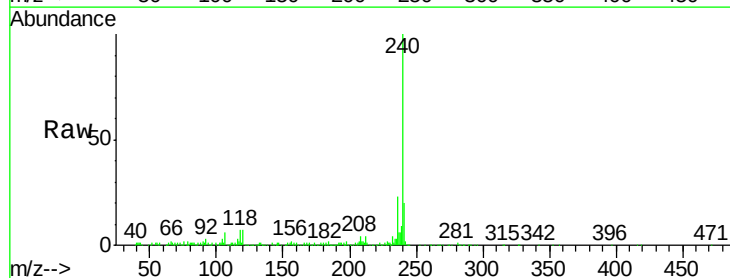
Instrument :
BNA_G
ClientSampleId :
PIER2-3(0-2)

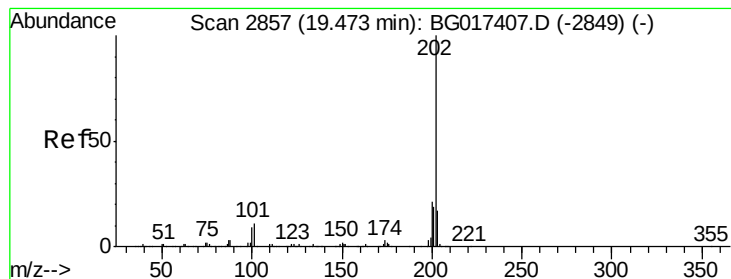
Tgt Ion:188 Resp: 103989
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 8.3 5.2 7.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG017536.D
Acq: 7 Jun 2015 15:44

Tgt Ion:240 Resp: 112998
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 23.5 20.8 31.2





#77

Pyrene

Concen: 2.03 ng

RT: 19.47 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

Instrument :

BNA_G

ClientSampleId :

PIER2-3(0-2)

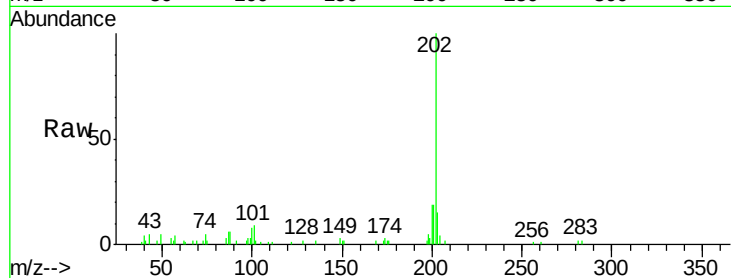
Tgt Ion:202 Resp: 14139

Ion Ratio Lower Upper

202 100

200 19.4 17.0 25.4

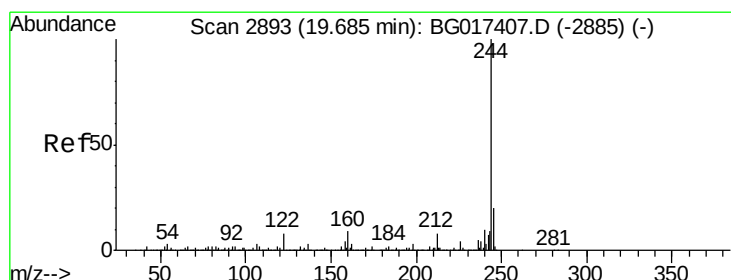
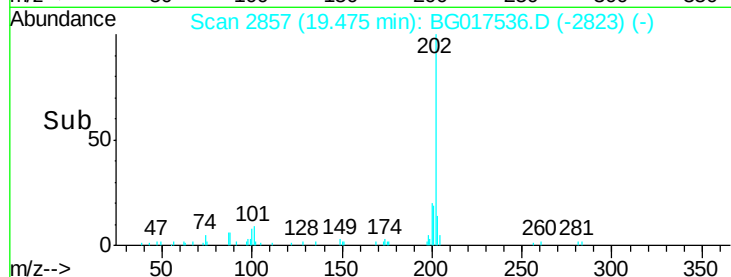
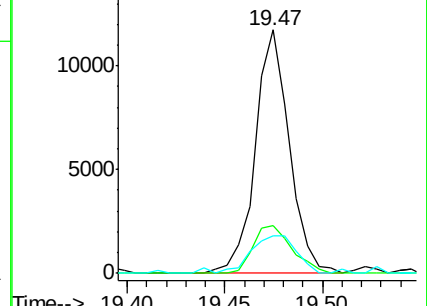
203 15.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.64 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

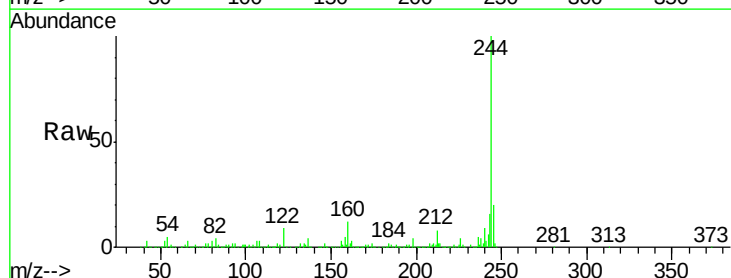
Tgt Ion:244 Resp: 342476

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

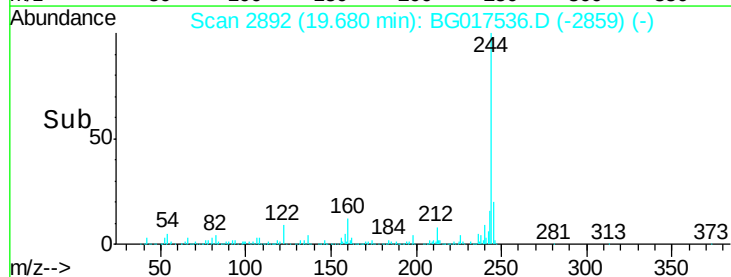
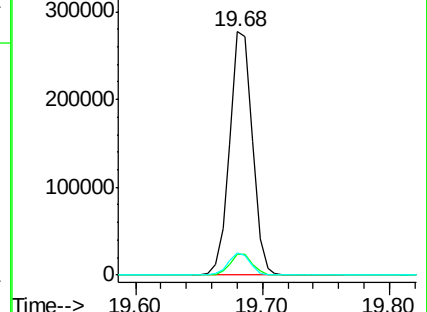
122 9.3 6.6 10.0

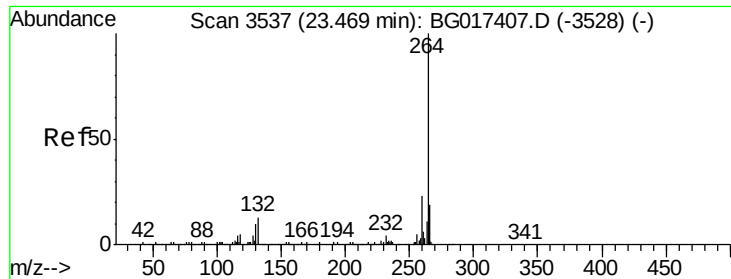


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.48 min Scan# 3538

Delta R.T. 0.01 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

Instrument :

BNA_G

ClientSampleId :

PIER2-3(0-2)

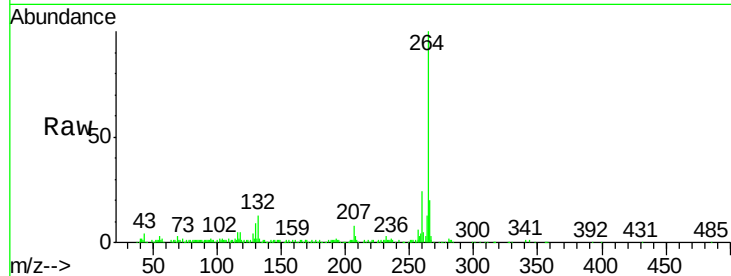
Tgt Ion:264 Resp: 116565

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

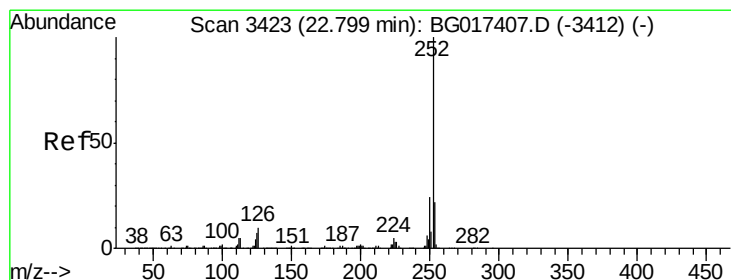
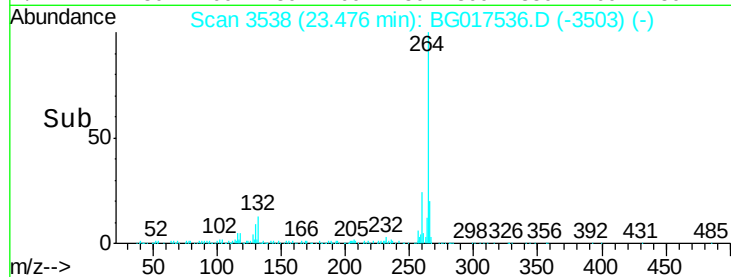
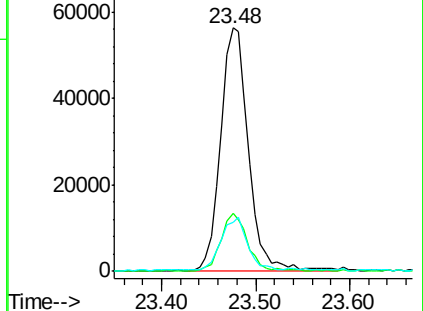
265 20.0 15.8 23.6



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



#87

Benzo(b)fluoranthene

Concen: 2.00 ng

RT: 22.81 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

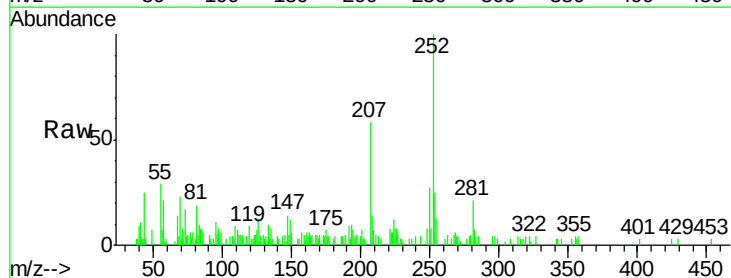
Tgt Ion:252 Resp: 14791

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.2

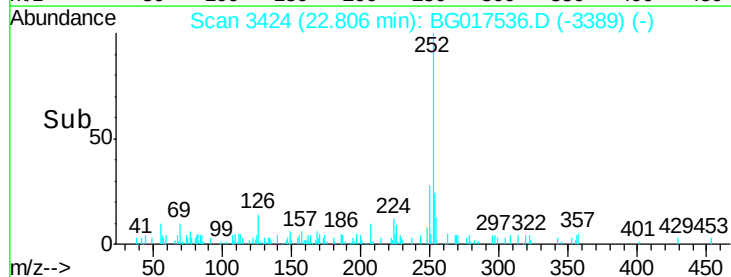
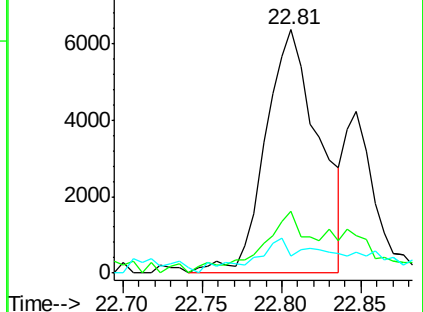
125 6.8 5.8 8.8

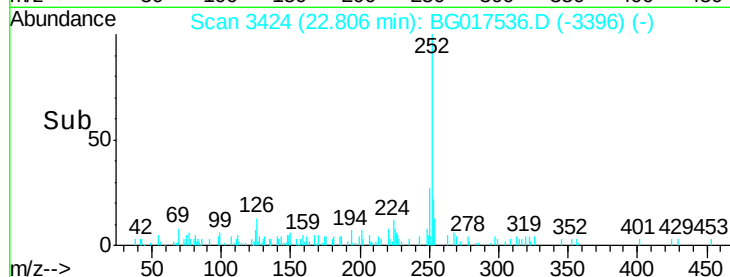
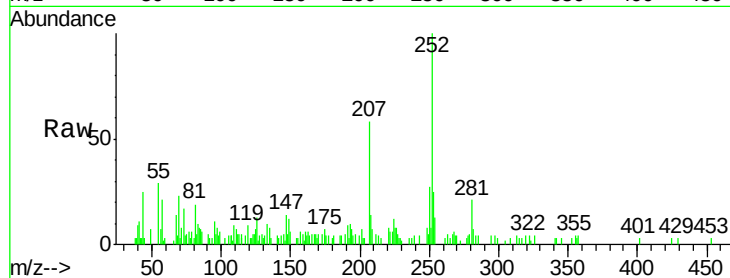
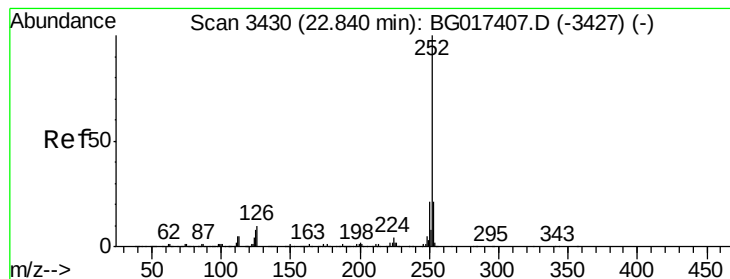


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.09 ng

RT: 22.81 min Scan# 3424

Delta R.T. -0.03 min

Lab File: BG017536.D

Acq: 7 Jun 2015 15:44

Instrument :

BNA_G

ClientSampleId :

PIER2-3(0-2)

Tgt Ion:252 Resp: 14791

Ion Ratio Lower Upper

252 100

253 25.3 17.7 26.5

125 6.8 6.5 9.7

