

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017687.D
 Acq On : 15 Jun 2015 12:30
 Operator : TP/IZ
 Sample : PB83834TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83834TB

Quant Time: Jun 16 01:45:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

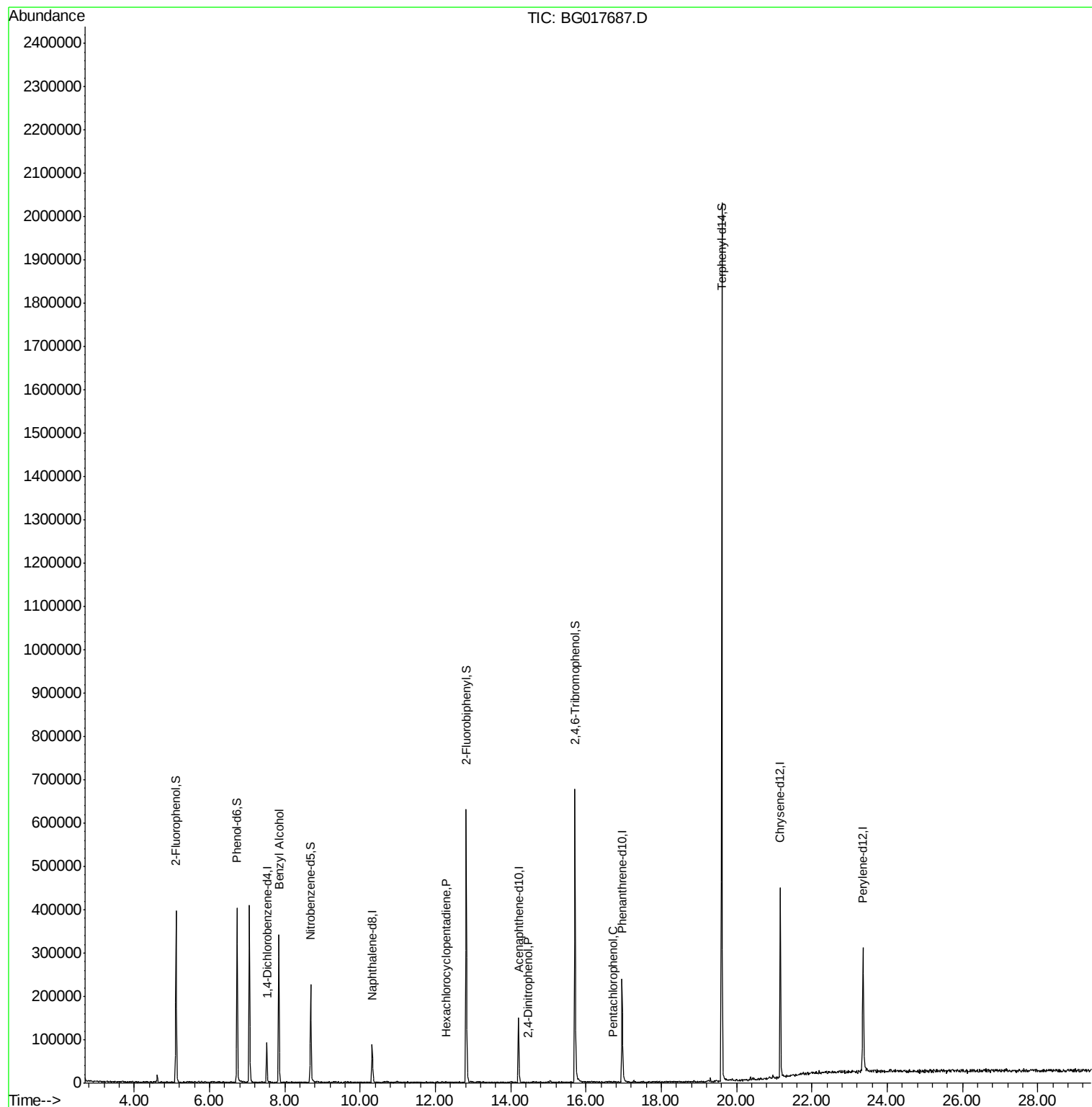
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17138	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	62537	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	49948	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	145355	20.00	ng	0.00
75) Chrysene-d12	21.16	240	220057	20.00	ng	0.00
86) Perylene-d12	23.36	264	225481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	120513	136.19	ng	0.00
7) Phenol-d6	6.73	99	161750	124.75	ng	0.00
23) Nitrobenzene-d5	8.69	82	120951	81.19	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	103521	120.07	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	278718	77.18	ng	0.00
78) Terphenyl-d14	19.61	244	842532	79.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.83	79	2958	2.07	ng	# 39
40) Hexachlorocyclopentadiene	12.29	237	63	5.08	ng	# 25
53) 2,4-Dinitrophenol	14.45	184	70	5.98	ng	# 13
69) Pentachlorophenol	16.72	266	64	6.25	ng	# 17

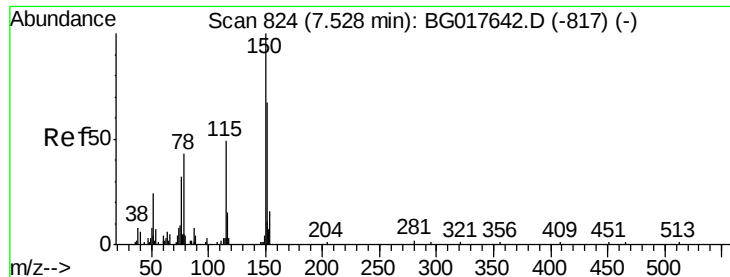
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 01:45:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB83834TB

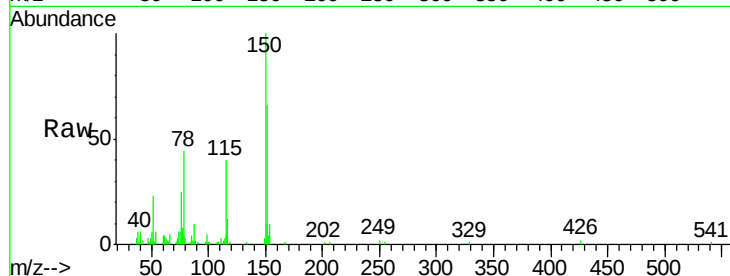
Tgt Ion:152 Resp: 17138

Ion Ratio Lower Upper

152 100

150 151.3 119.4 179.0

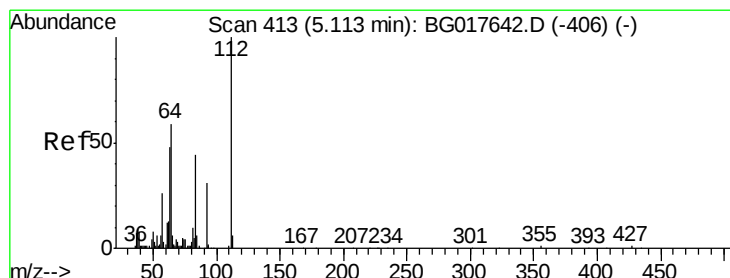
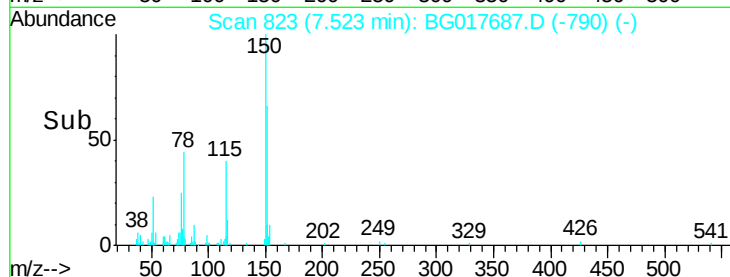
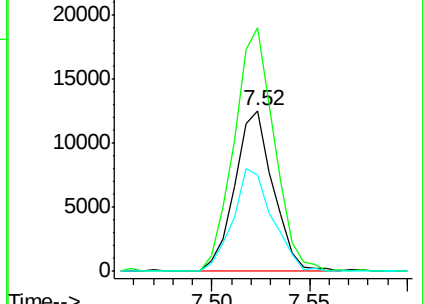
115 60.1 58.2 87.2



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: 136.19 ng

RT: 5.11 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

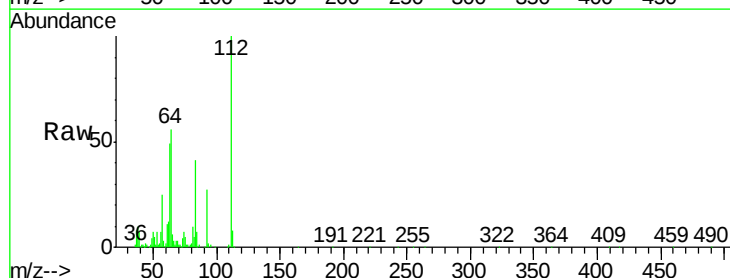
Tgt Ion:112 Resp: 120513

Ion Ratio Lower Upper

112 100

64 56.3 47.0 70.6

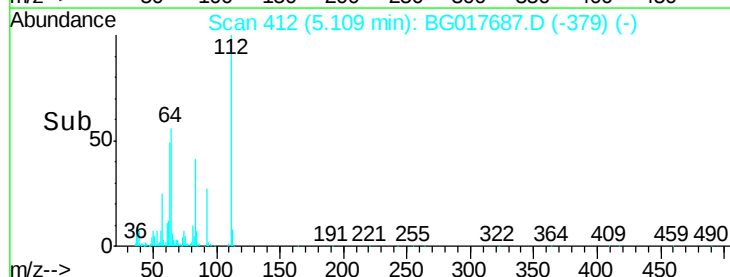
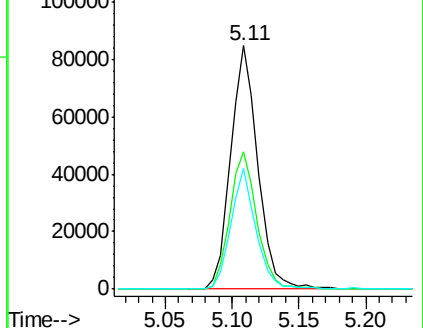
63 49.4 38.6 58.0

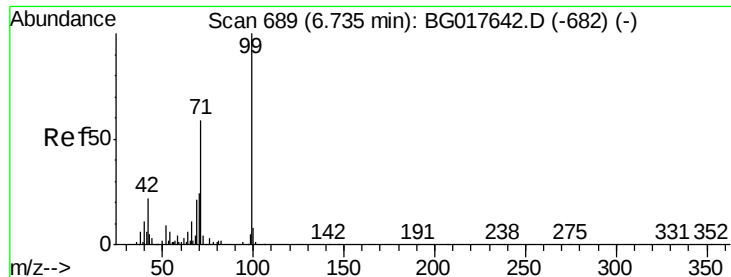


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.75 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB83834TB

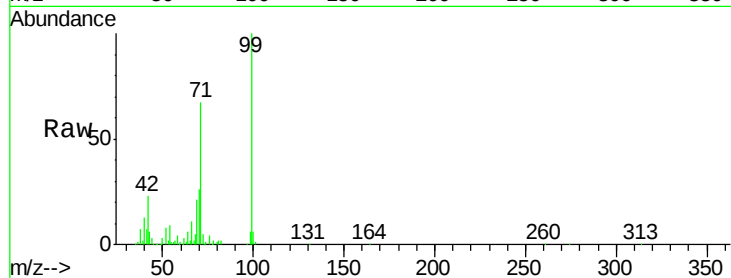
Tgt Ion: 99 Resp: 161750

Ion Ratio Lower Upper

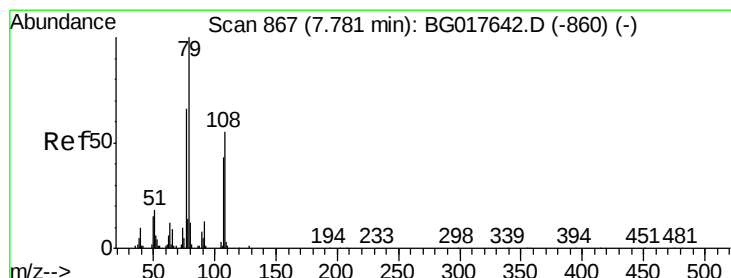
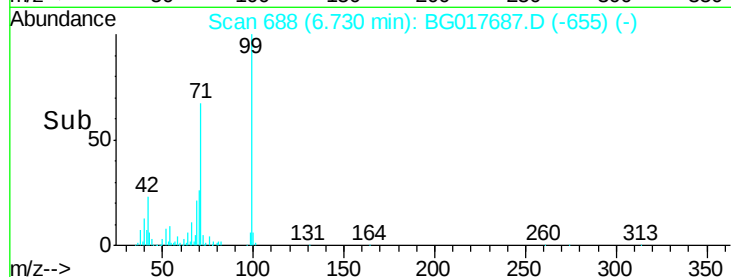
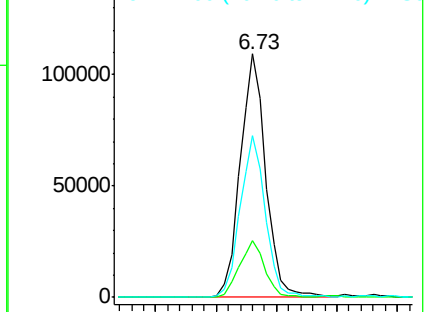
99 100

42 23.4 17.4 26.2

71 66.5 47.4 71.0



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: 2.07 ng

RT: 7.83 min Scan# 876

Delta R.T. 0.05 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

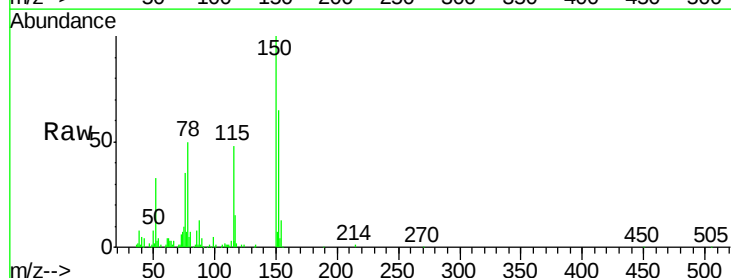
Tgt Ion: 79 Resp: 2958

Ion Ratio Lower Upper

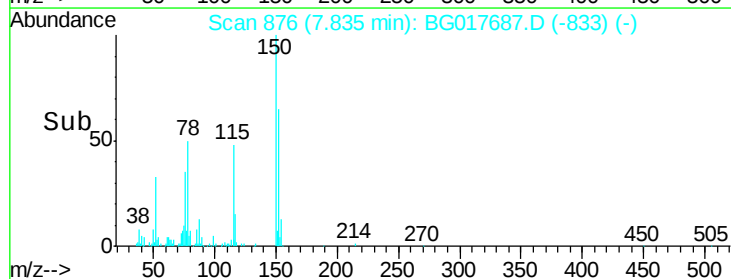
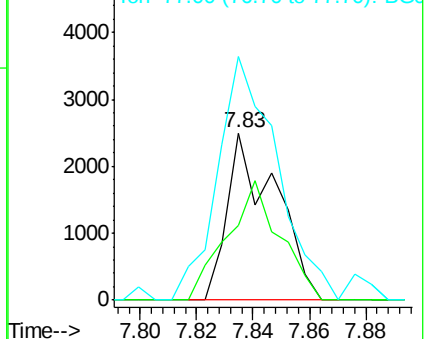
79 100

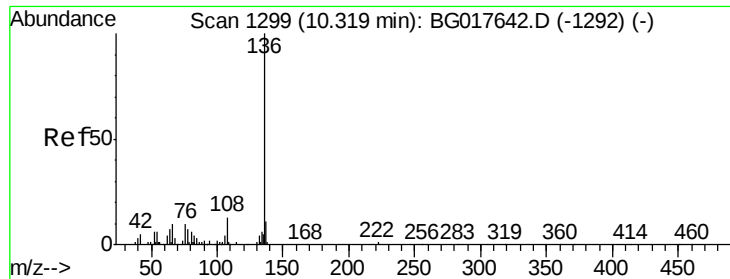
108 44.4 44.6 67.0#

77 145.6 53.1 79.7#



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

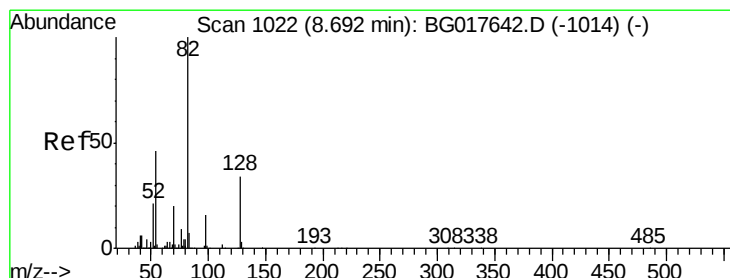
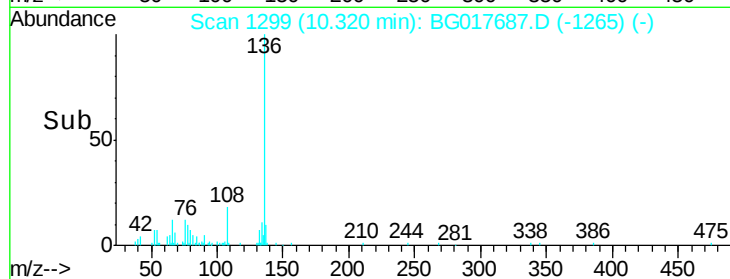
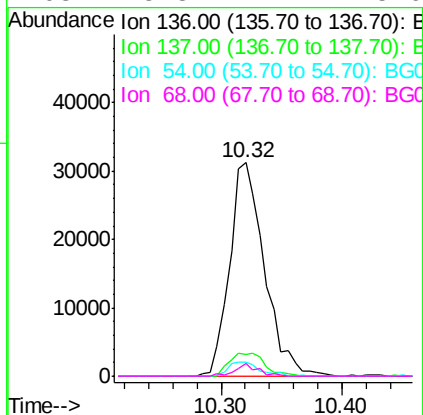
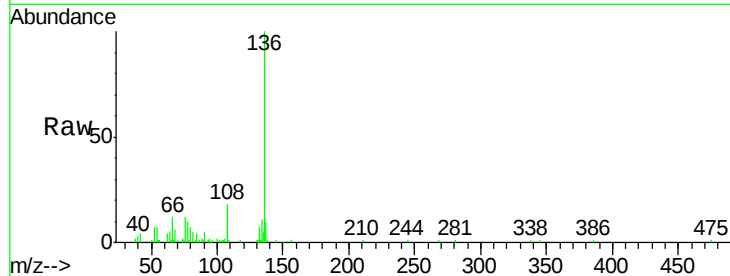




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017687.D
Acq: 15 Jun 2015 12:30

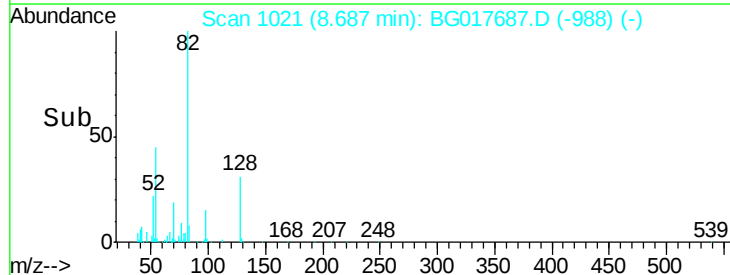
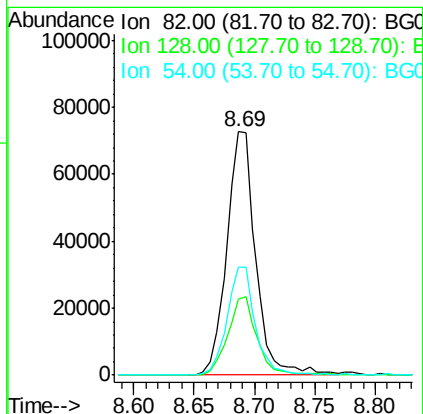
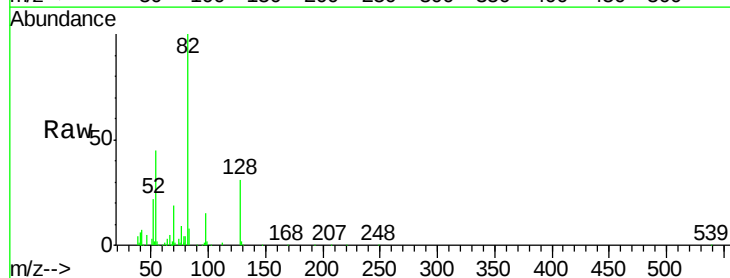
Instrument :
BNA_G
ClientSampleId :
PB83834TB

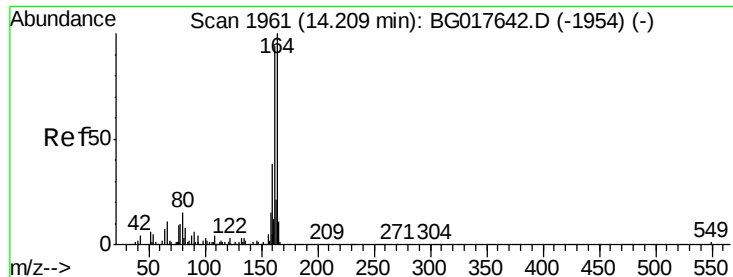
Tgt Ion:	136	Resp:	62537
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.8	4.7	7.1
68	5.8	2.4	3.6



#23
Nitrobenzene-d5
Concen: 81.19 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG017687.D
Acq: 15 Jun 2015 12:30

Tgt Ion:	82	Resp:	120951
Ion	Ratio	Lower	Upper
82	100		
128	31.1	27.3	40.9
54	44.5	37.0	55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB83834TB

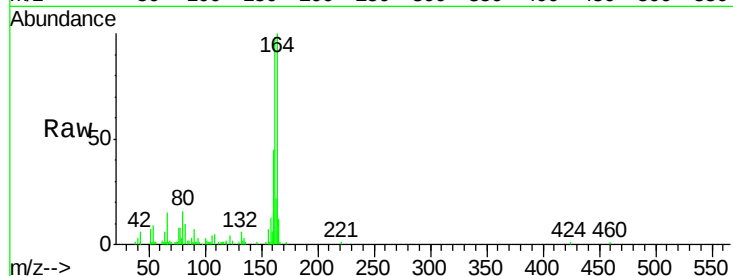
Tgt Ion:164 Resp: 49948

Ion Ratio Lower Upper

164 100

162 98.3 75.0 112.4

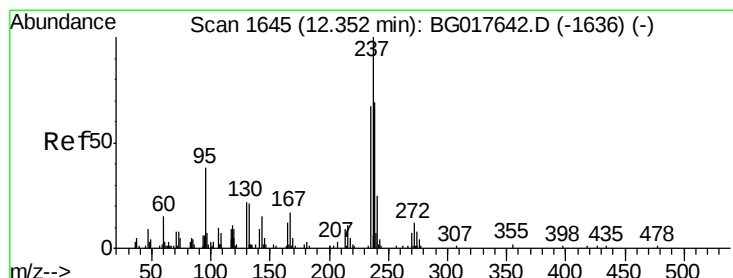
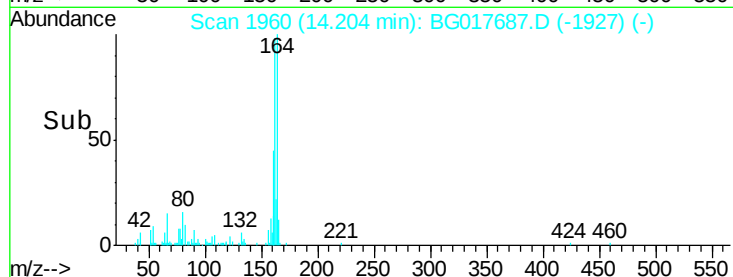
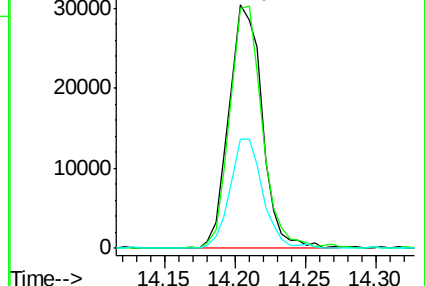
160 45.0 30.3 45.5



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



#40

Hexachlorocyclopentadiene

Concen: 5.08 ng

RT: 12.29 min Scan# 1634

Delta R.T. -0.06 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

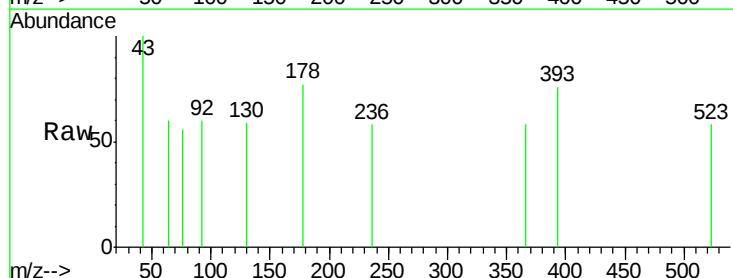
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

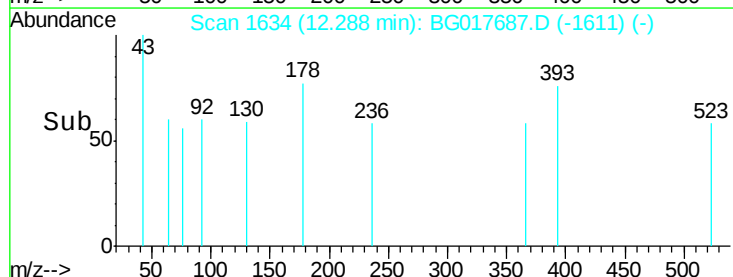
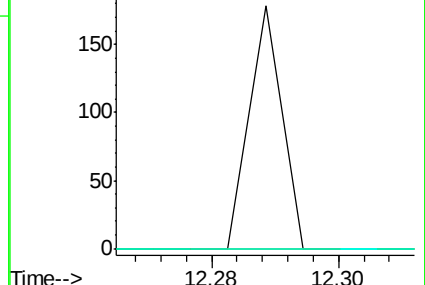
272 0.0 0.0 32.3

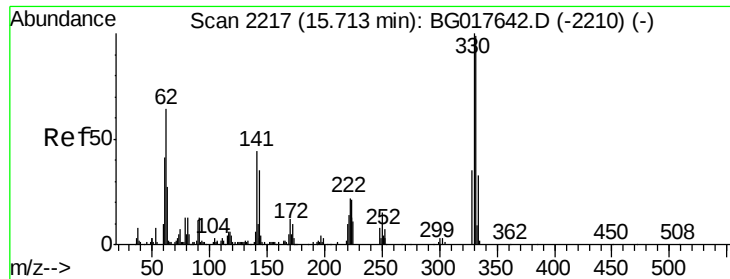


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

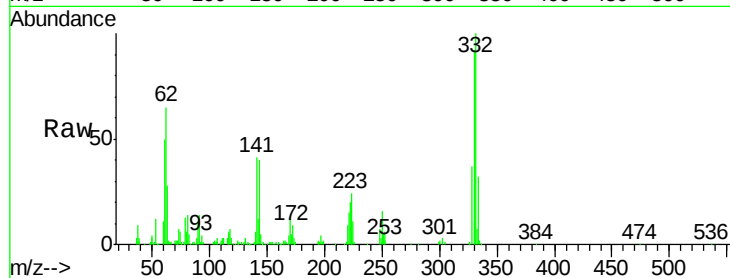




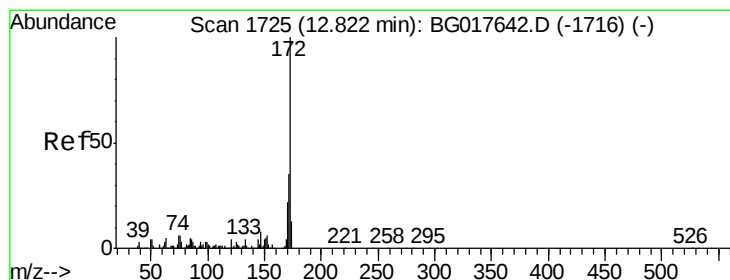
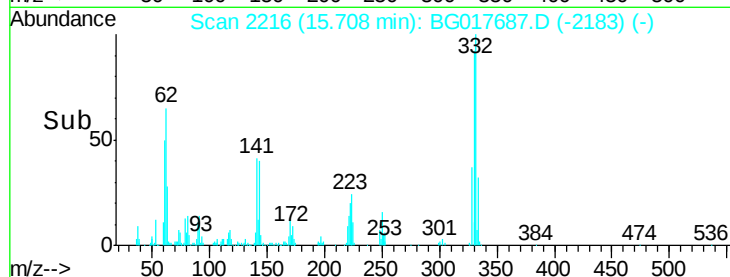
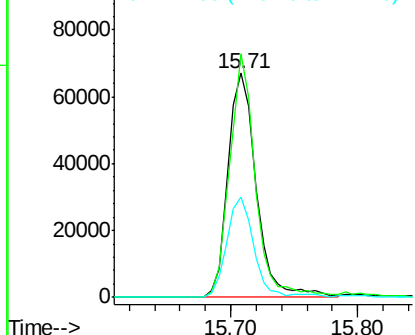
#41
 2,4,6-Tribromophenol
 Concen: 120.07 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017687.D
 Acq: 15 Jun 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB83834TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	43.2	34.6	51.8

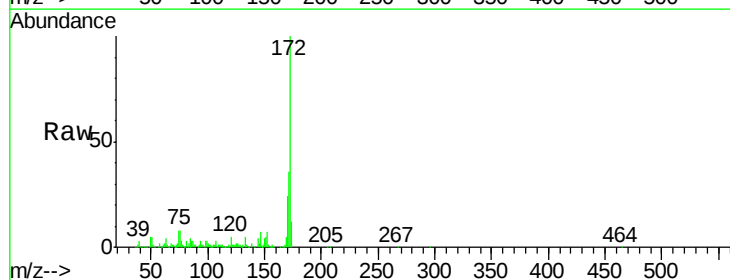


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

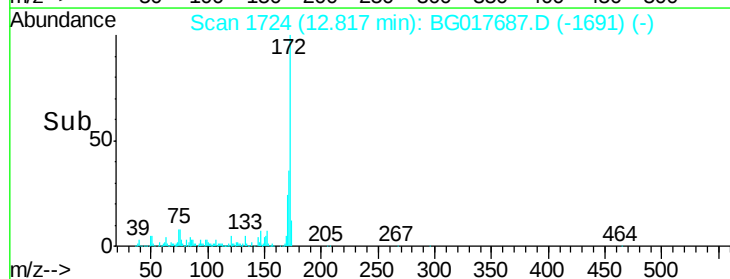
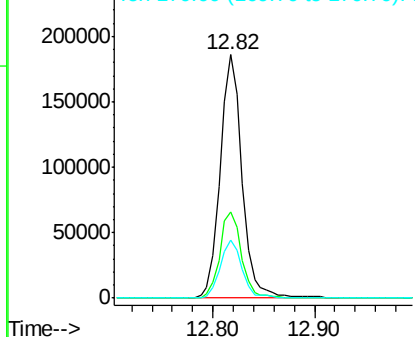


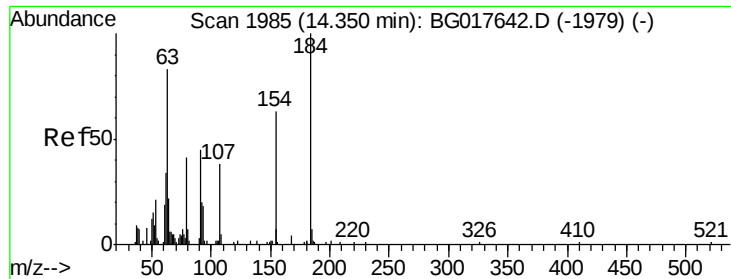
#44
 2-Fluorobiphenyl
 Concen: 77.18 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017687.D
 Acq: 15 Jun 2015 12:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.8	17.4	26.2



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

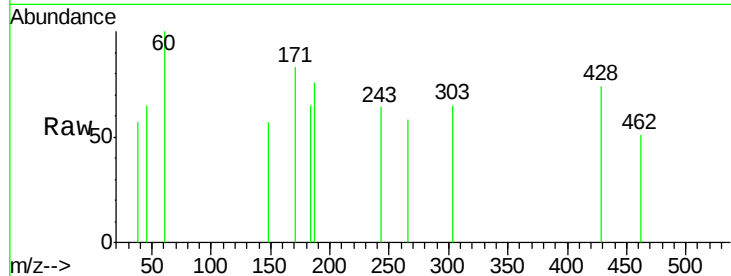




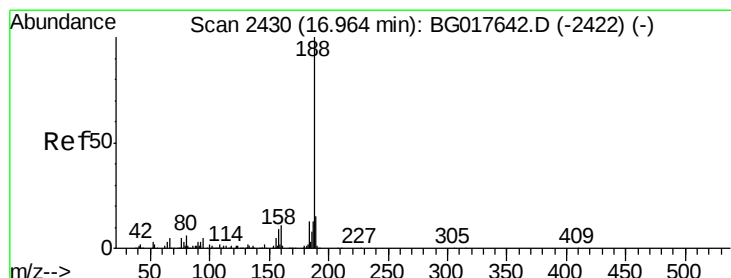
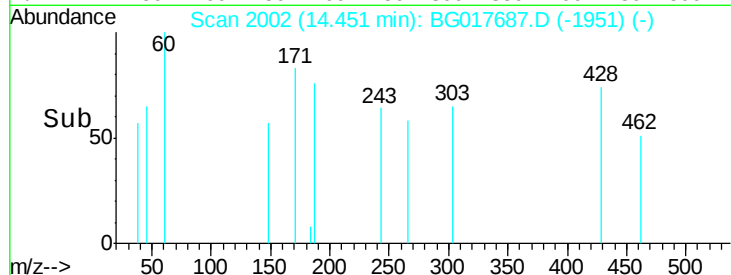
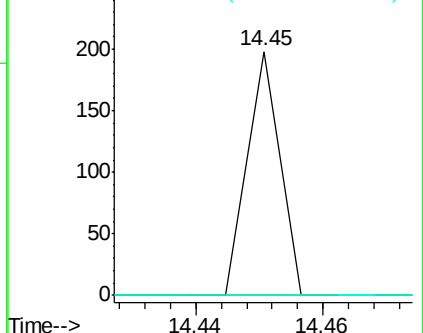
#53
2,4-Dinitrophenol
Concen: 5.98 ng
RT: 14.45 min Scan# 2002
Delta R.T. 0.10 min
Lab File: BG017687.D
Acq: 15 Jun 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB83834TB

Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 0.0 66.5 99.7#
154 0.0 50.5 75.7#

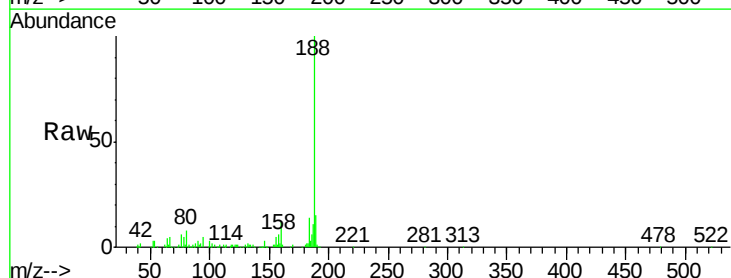


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

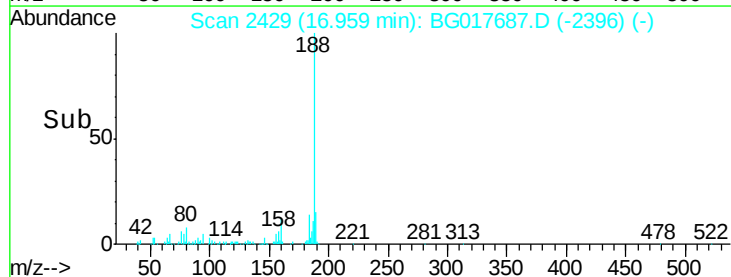
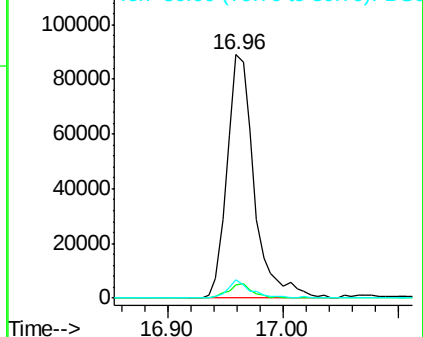


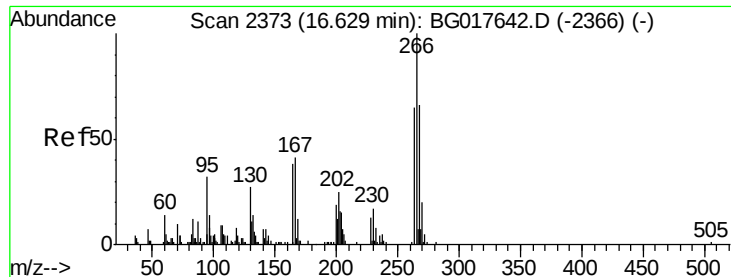
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017687.D
Acq: 15 Jun 2015 12:30

Tgt Ion:188 Resp: 145355
Ion Ratio Lower Upper
188 100
94 5.3 3.9 5.9
80 7.6 5.0 7.6#



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





#69

Pentachlorophenol

Concen: 6.25 ng

RT: 16.72 min Scan# 2388

Delta R.T. 0.09 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB83834TB

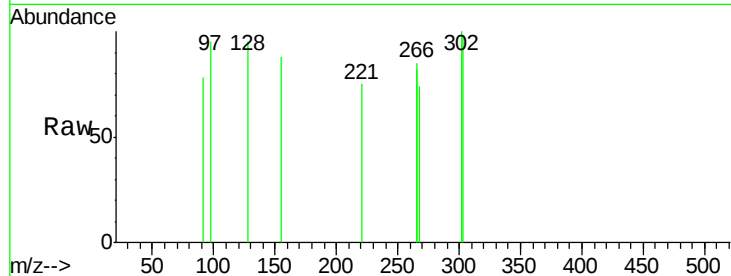
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

264 0.0 52.2 78.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.72

150

100

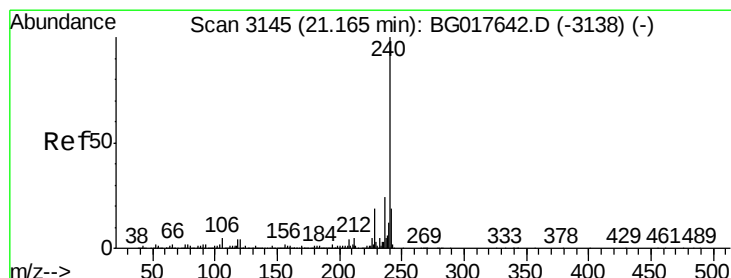
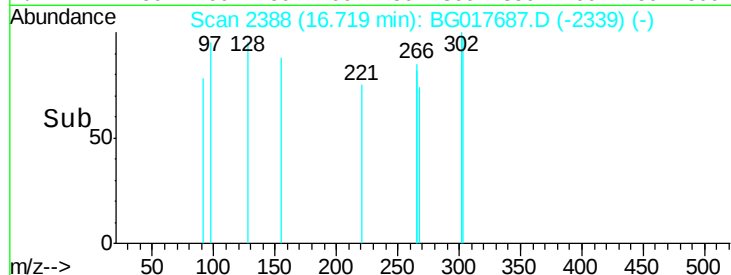
50

0

16.70

16.72

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

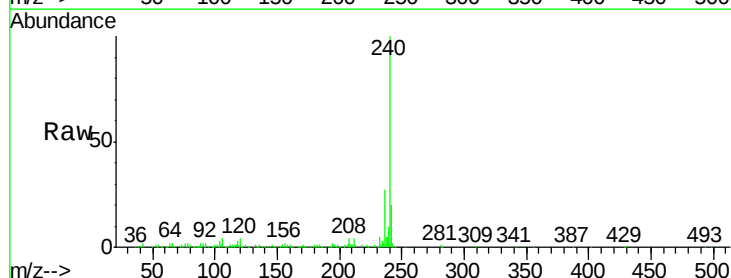
Tgt Ion:240 Resp: 220057

Ion Ratio Lower Upper

240 100

120 3.6 3.5 5.3

236 27.2 19.5 29.3



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

21.16

200000

150000

100000

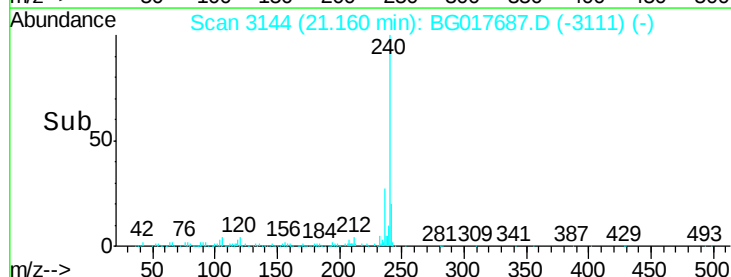
50000

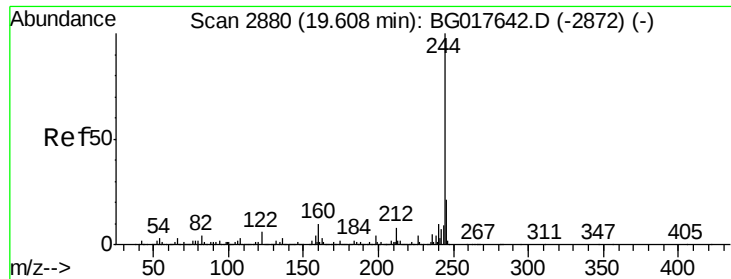
0

21.10

21.20

Time-->





#78

Terphenyl-d14

Concen: 79.87 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB83834TB

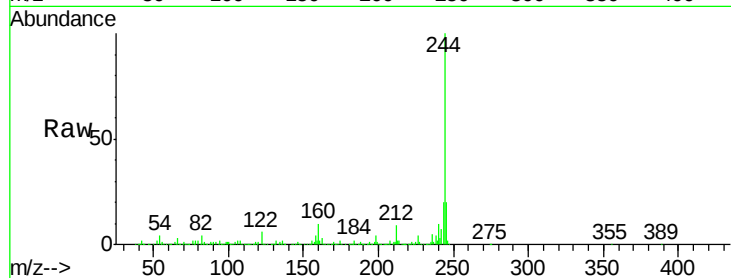
Tgt Ion:244 Resp: 842532

Ion Ratio Lower Upper

244 100

212 9.1 6.3 9.5

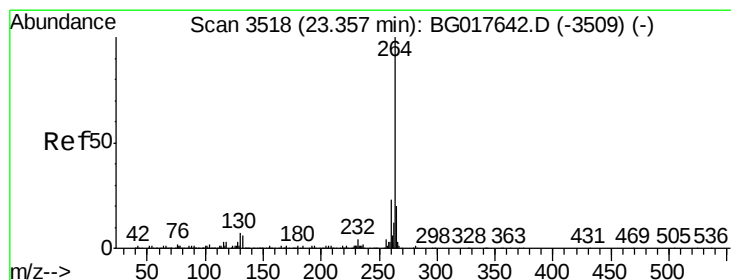
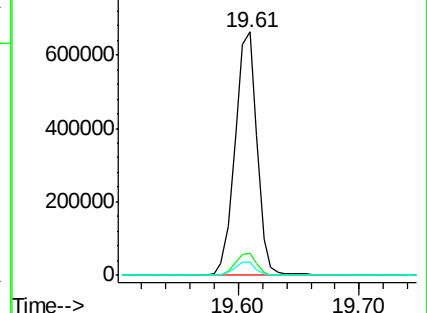
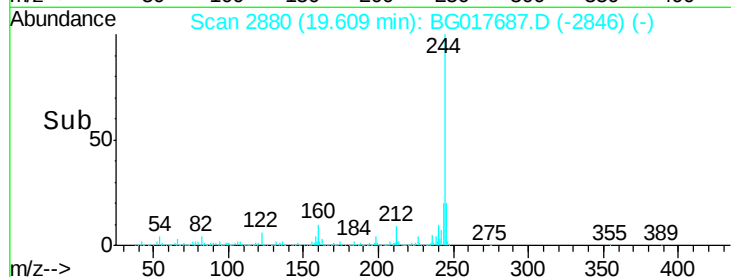
122 5.5 4.6 6.8



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: 23.36 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG017687.D

Acq: 15 Jun 2015 12:30

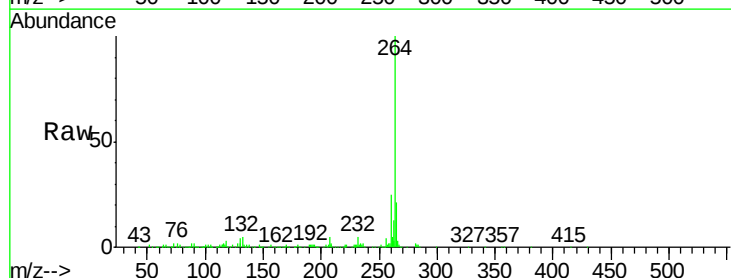
Tgt Ion:264 Resp: 225481

Ion Ratio Lower Upper

264 100

260 24.7 18.3 27.5

265 21.0 16.2 24.2



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

