

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017679.D
 Acq On : 13 Jun 2015 18:16
 Operator : TP/IZ
 Sample : G2592-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-C1

Quant Time: Jun 15 05:42:21 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

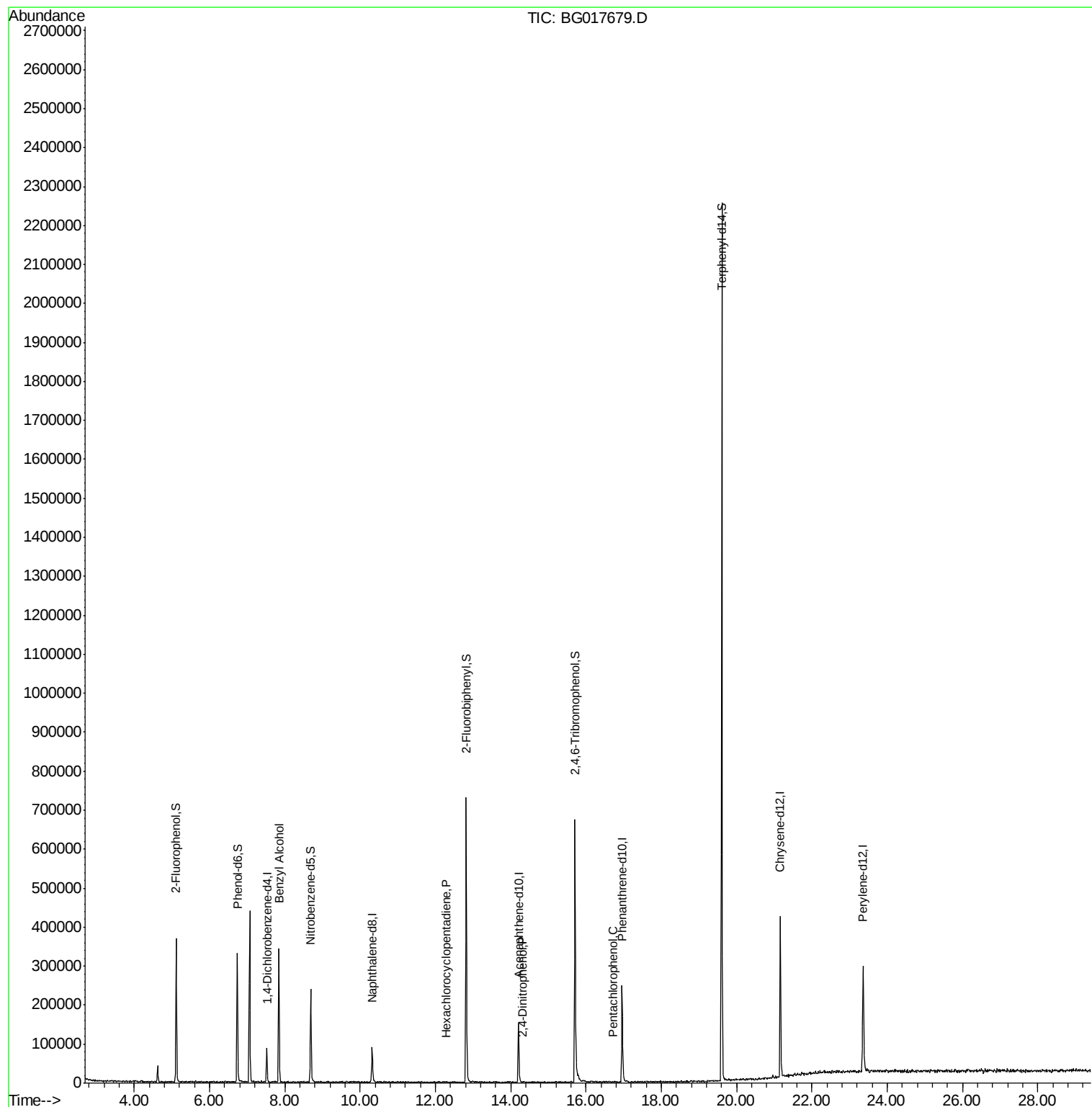
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16804	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	63107	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	52955	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	150991	20.00	ng	0.00
75) Chrysene-d12	21.16	240	224190	20.00	ng	0.00
86) Perylene-d12	23.36	264	223943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	113845	131.21	ng	0.00
7) Phenol-d6	6.74	99	146102	114.92	ng	0.00
23) Nitrobenzene-d5	8.69	82	130276	86.66	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	110951	121.38	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	313724	81.94	ng	0.00
78) Terphenyl-d14	19.61	244	929532	86.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3338	2.38	ng	# 63
40) Hexachlorocyclopentadiene	12.28	237	84	5.13	ng	# 25
53) 2,4-Dinitrophenol	14.32	184	61	5.96	ng	# 13
69) Pentachlorophenol	16.70	266	82	6.26	ng	# 17

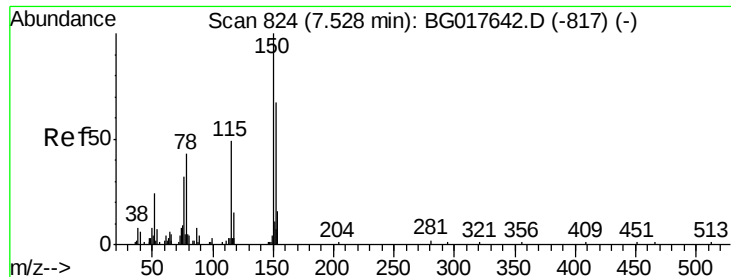
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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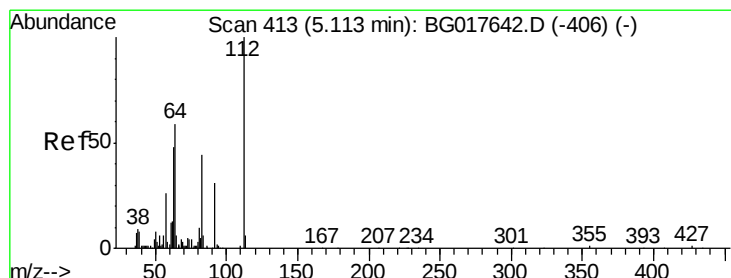
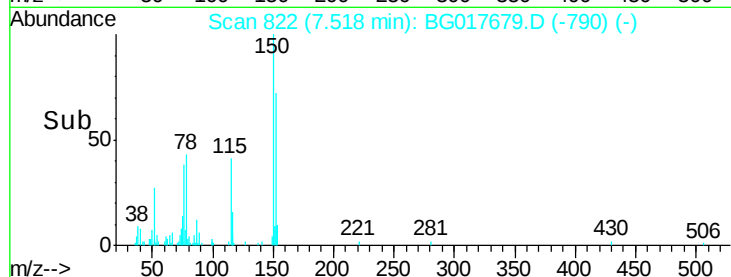
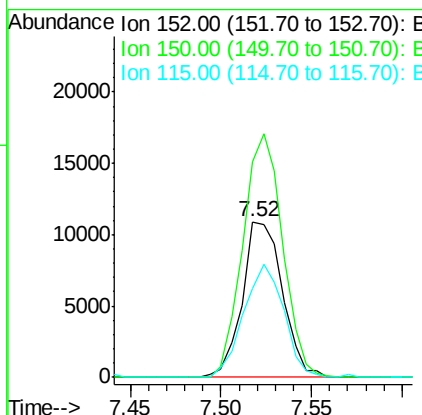
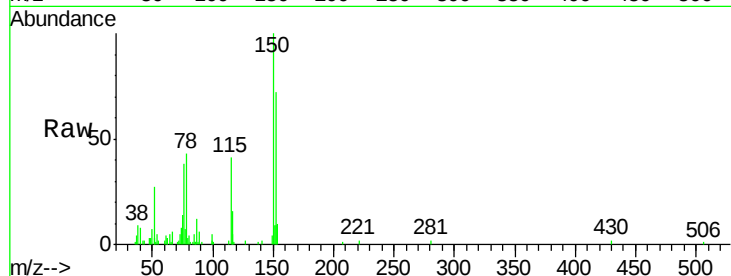


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG017679.D
Acq: 13 Jun 2015 18:16

Instrument :
BNA_G
ClientSampleId :
TEC-C1

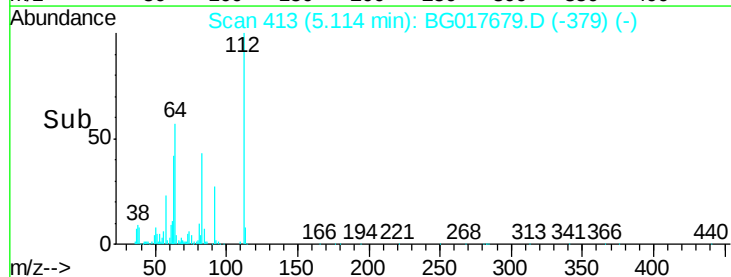
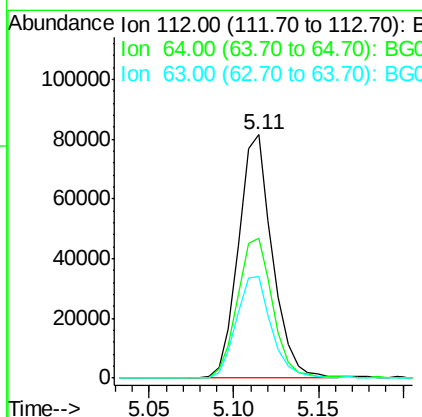
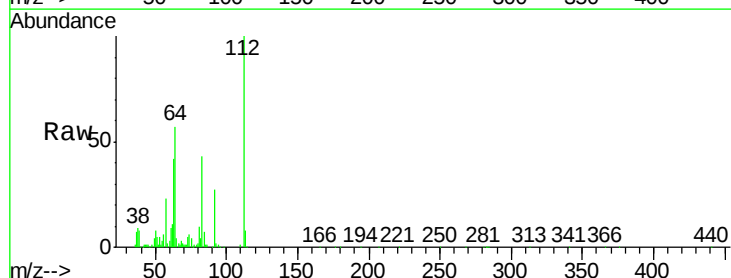
Tgt Ion:152 Resp: 16804
Ion Ratio Lower Upper
152 100
150 138.8 119.4 179.0
115 56.9 58.2 87.2#

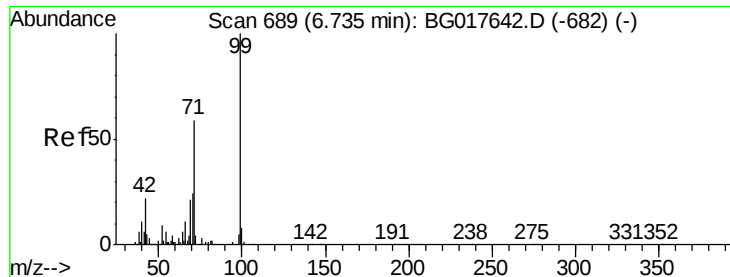


#5

2-Fluorophenol
Concen: 131.21 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017679.D
Acq: 13 Jun 2015 18:16

Tgt Ion:112 Resp: 113845
Ion Ratio Lower Upper
112 100
64 57.3 47.0 70.6
63 41.7 38.6 58.0





#7

Phenol-d6

Concen: 114.92 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

Instrument :

BNA_G

ClientSampleId :

TEC-C1

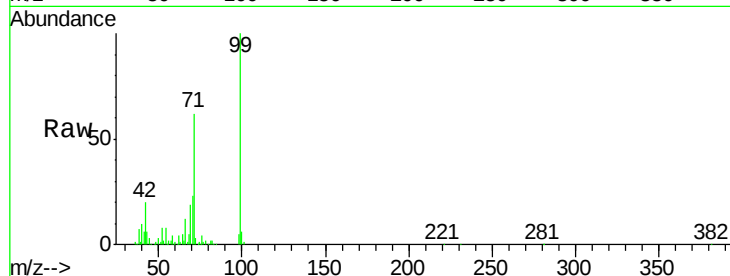
Tgt Ion: 99 Resp: 146102

Ion Ratio Lower Upper

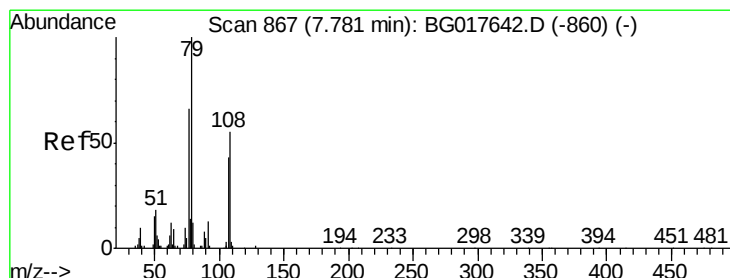
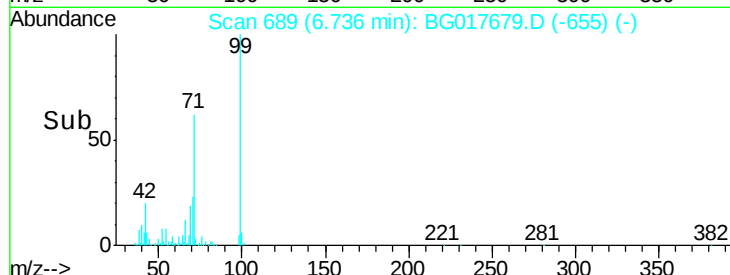
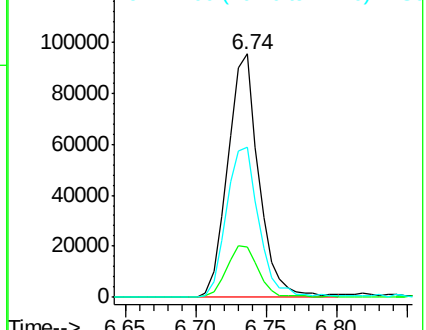
99 100

42 20.5 17.4 26.2

71 61.8 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: 2.38 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

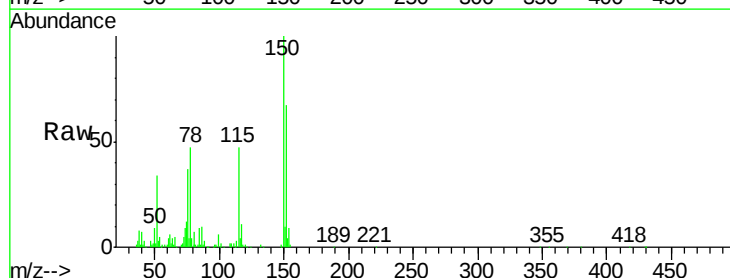
Tgt Ion: 79 Resp: 3338

Ion Ratio Lower Upper

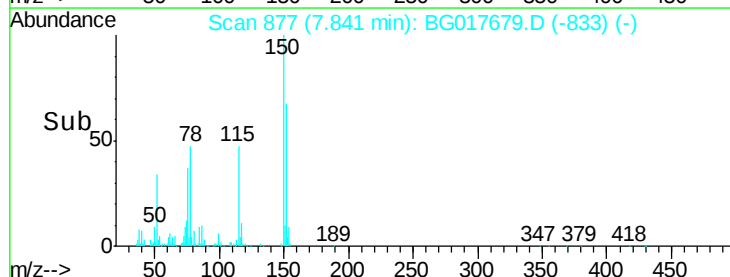
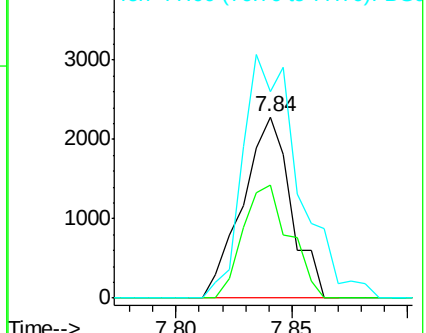
79 100

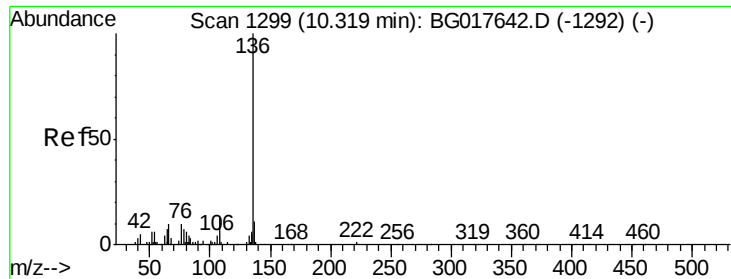
108 62.7 44.6 67.0

77 114.1 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

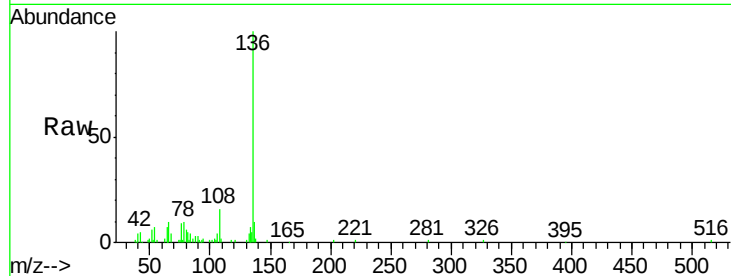




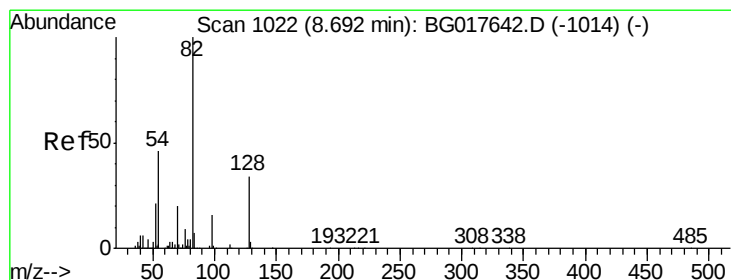
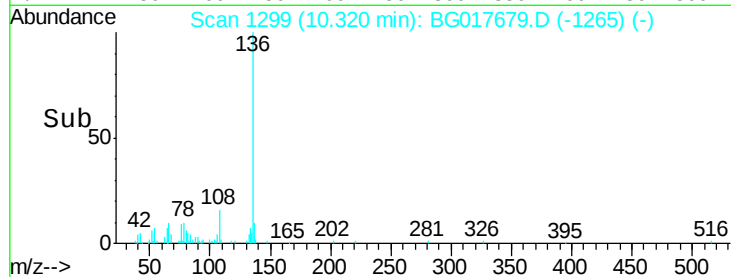
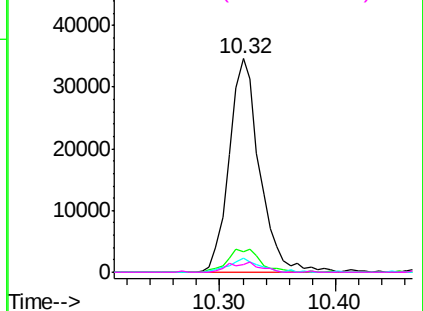
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017679.D
Acq: 13 Jun 2015 18:16

Instrument :
BNA_G
ClientSampled :
TEC-C1

Tgt Ion:	136	Resp:	63107
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	6.6	4.7	7.1
68	3.6	2.4	3.6

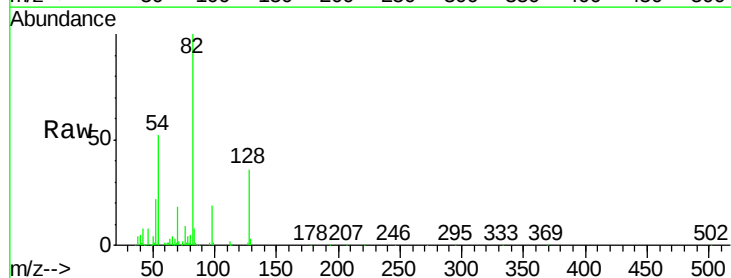


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

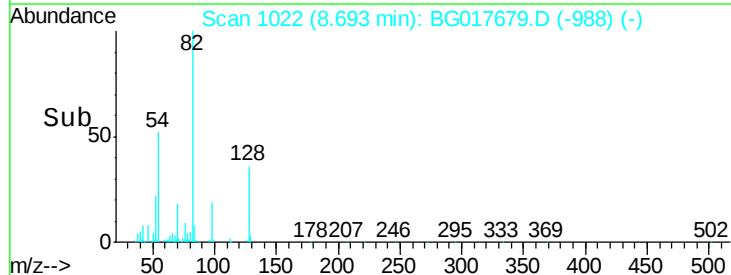
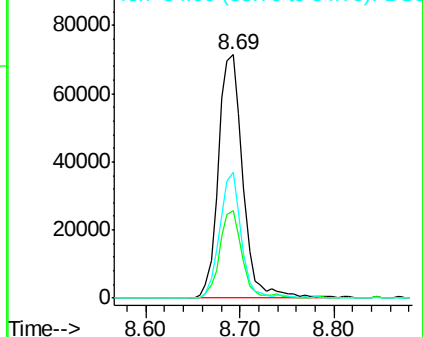


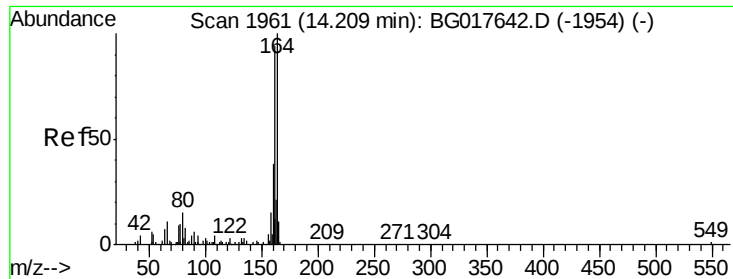
#23
Nitrobenzene-d5
Concen: 86.66 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017679.D
Acq: 13 Jun 2015 18:16

Tgt Ion:	82	Resp:	130276
Ion	Ratio	Lower	Upper
82	100		
128	35.7	27.3	40.9
54	51.7	37.0	55.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

Instrument :

BNA_G

ClientSampleId :

TEC-C1

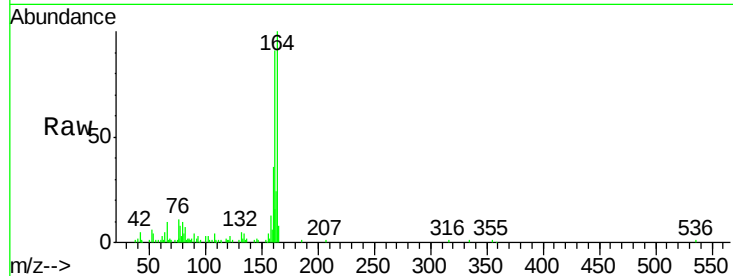
Tgt Ion:164 Resp: 52955

Ion Ratio Lower Upper

164 100

162 90.5 75.0 112.4

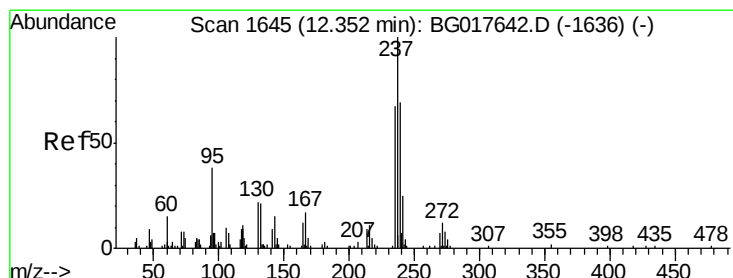
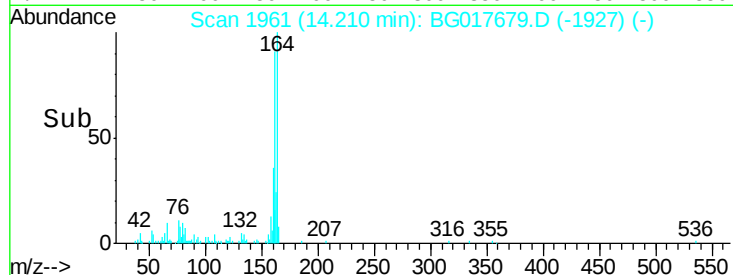
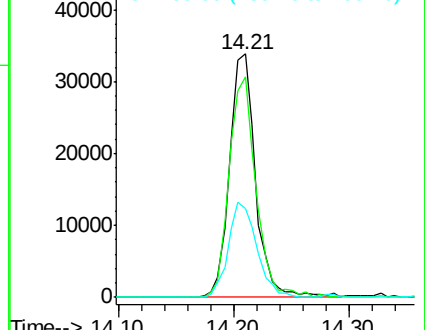
160 36.3 30.3 45.5



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: 5.13 ng

RT: 12.28 min Scan# 1633

Delta R.T. -0.07 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

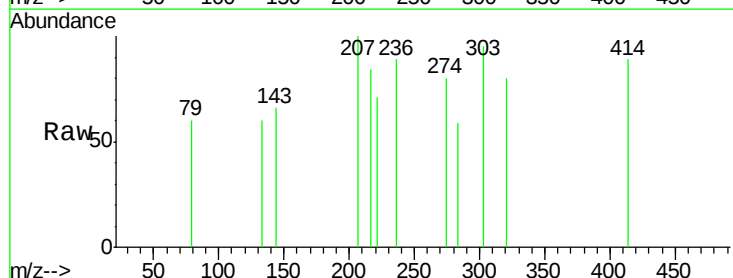
Tgt Ion:237 Resp: 84

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

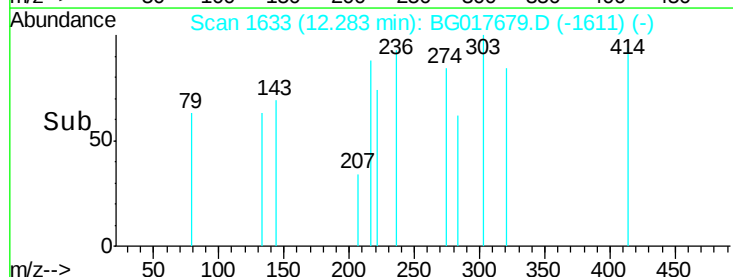
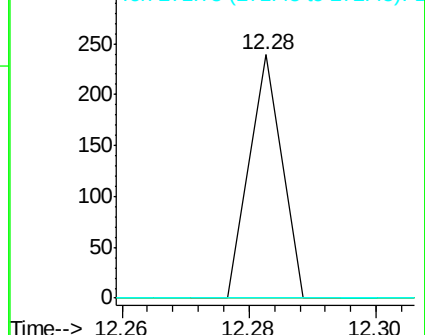
272 0.0 0.0 32.3

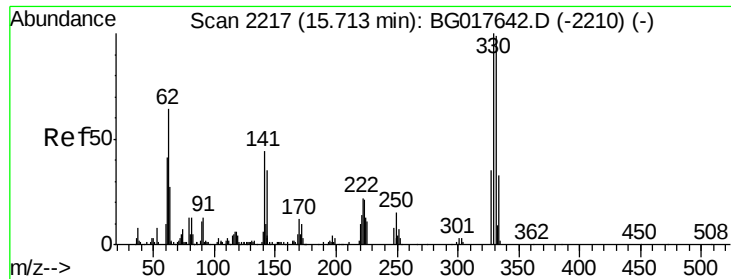


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

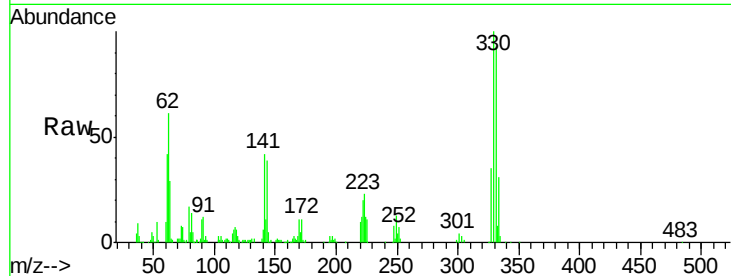




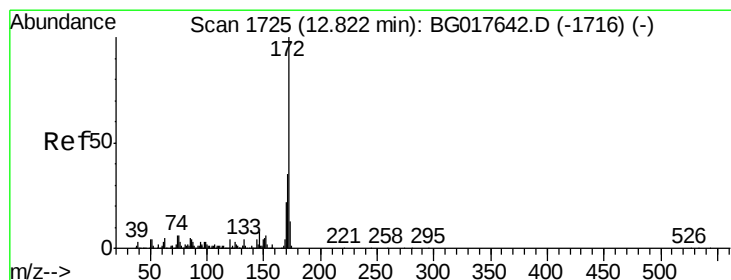
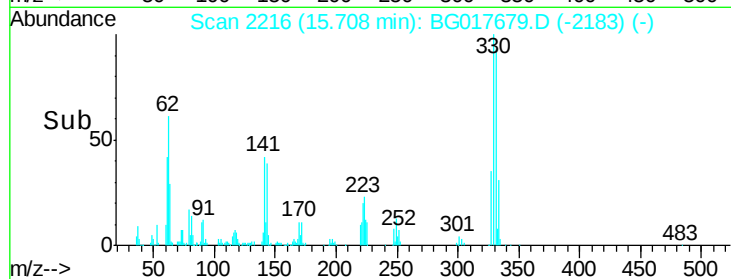
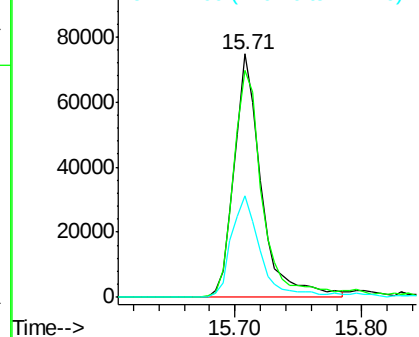
#41
 2,4,6-Tribromophenol
 Concen: 121.38 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017679.D
 Acq: 13 Jun 2015 18:16

Instrument :
 BNA_G
 ClientSampleId :
 TEC-C1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	44.2	34.6	51.8

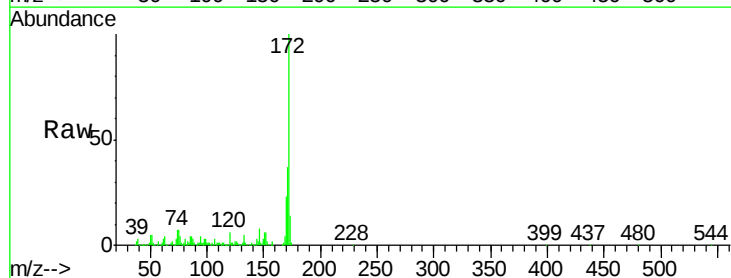


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

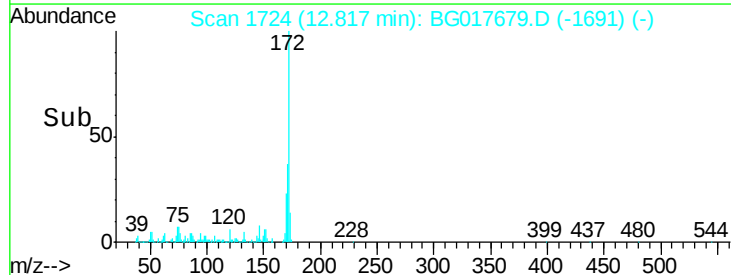
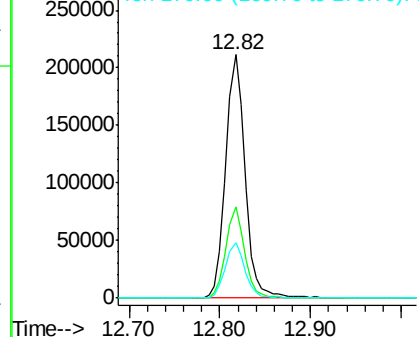


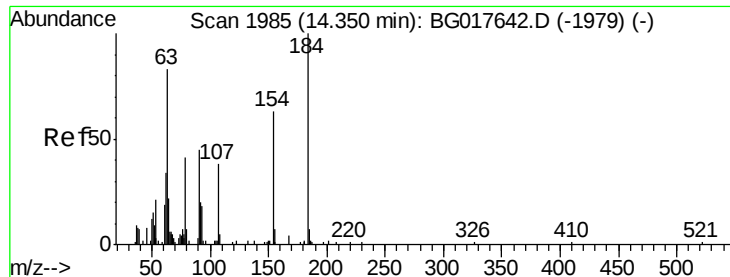
#44
 2-Fluorobiphenyl
 Concen: 81.94 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017679.D
 Acq: 13 Jun 2015 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.2	42.2
170	22.8	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

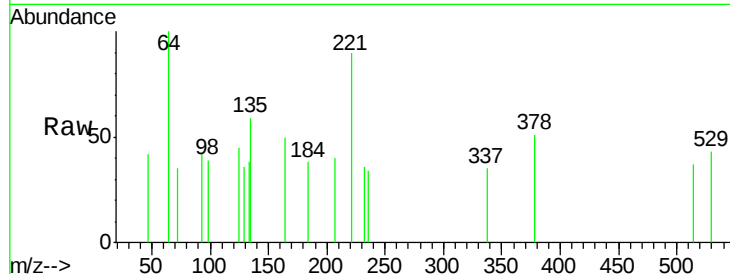




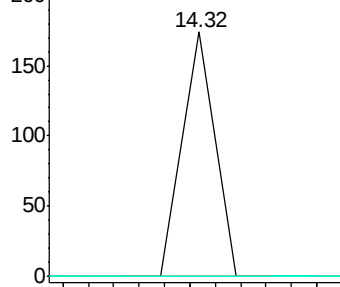
#53
2,4-Dinitrophenol
Concen: 5.96 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BG017679.D
Acq: 13 Jun 2015 18:16

Instrument :
BNA_G
ClientSampleId :
TEC-C1

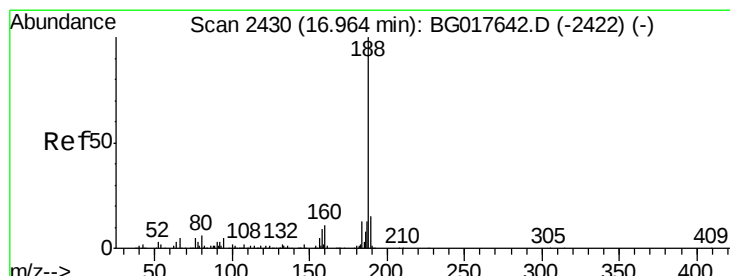
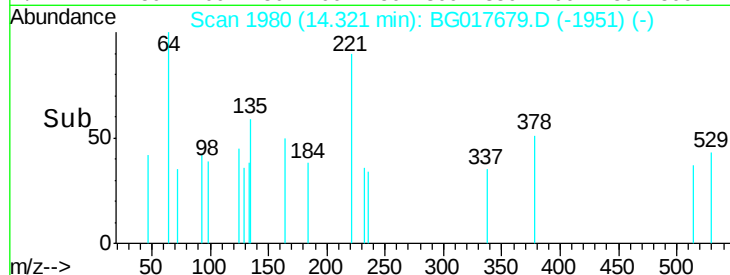
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 66.5 99.7#
154 0.0 50.5 75.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG017679.D (-1951) (-)
Ion 154.00 (153.70 to 154.70): E

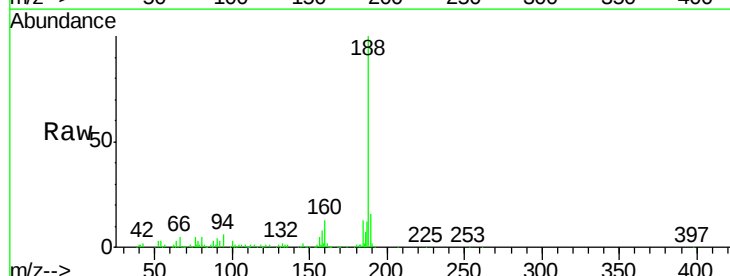


Time--> 14.30 14.32 14.34

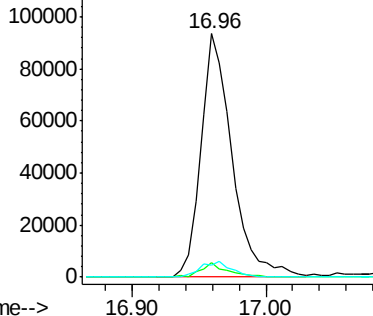


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017679.D
Acq: 13 Jun 2015 18:16

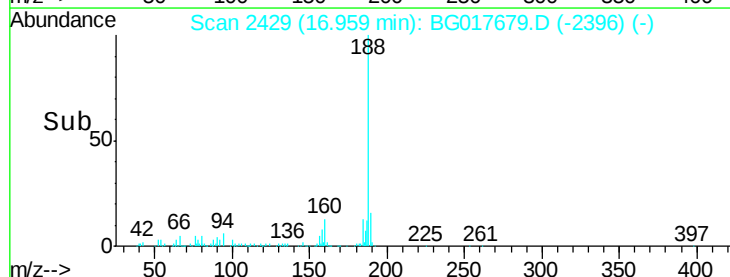
Tgt Ion:188 Resp: 150991
Ion Ratio Lower Upper
188 100
94 5.8 3.9 5.9
80 5.7 5.0 7.6

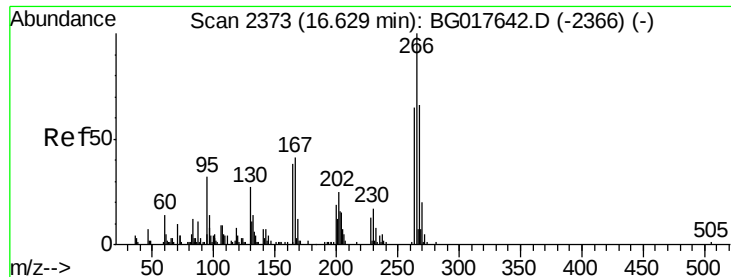


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG017679.D (-2396) (-)
Ion 80.00 (79.70 to 80.70): BG017679.D (-2396) (-)



Time--> 16.90 17.00





#69

Pentachlorophenol

Concen: 6.26 ng

RT: 16.70 min Scan# 2385

Delta R.T. 0.07 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

Instrument :

BNA_G

ClientSampleId :

TEC-C1

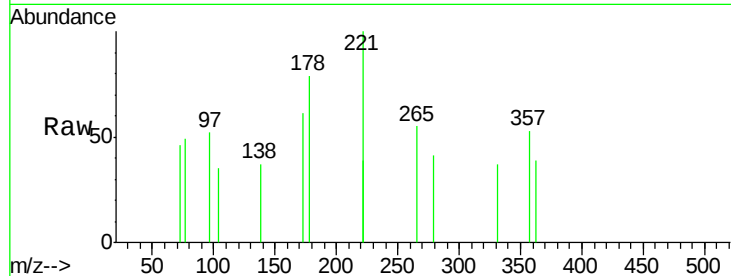
Tgt Ion:266 Resp: 82

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

16.70

250

200

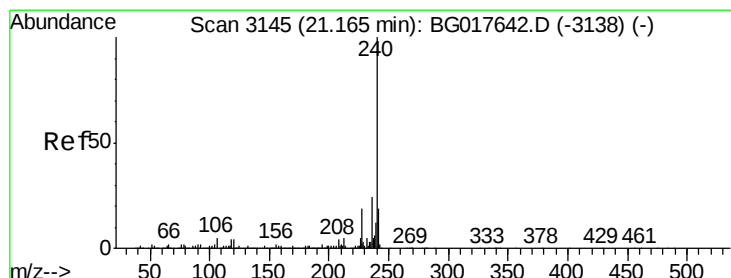
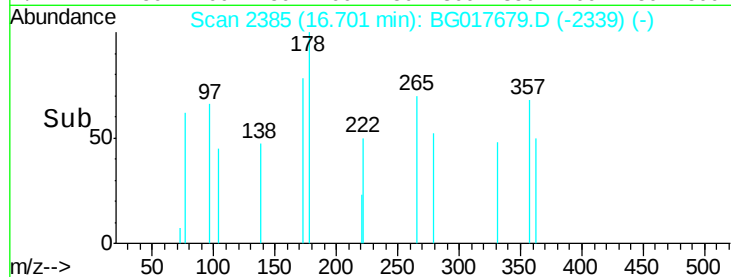
150

100

50

0

Time--> 16.68 16.70 16.72



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

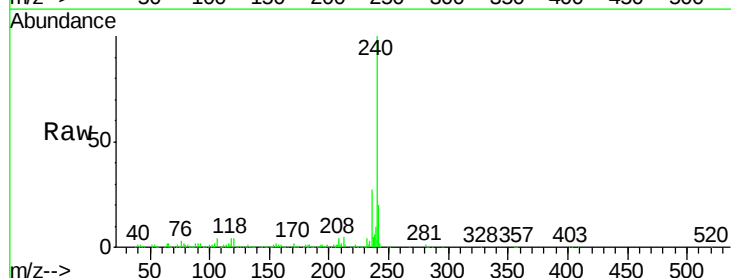
Tgt Ion:240 Resp: 224190

Ion Ratio Lower Upper

240 100

120 3.6 3.5 5.3

236 26.6 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

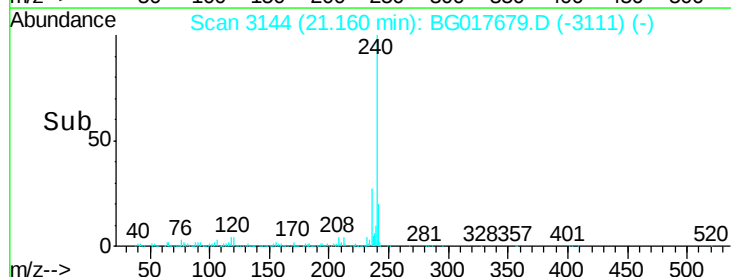
150000

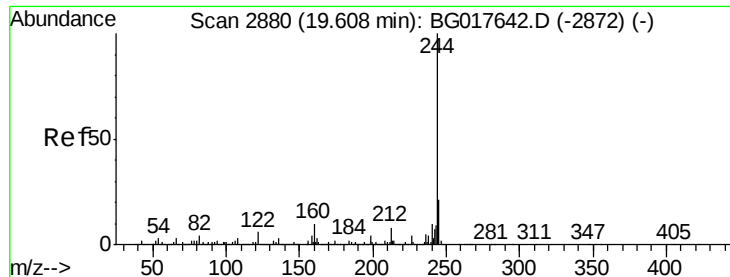
100000

50000

0

Time--> 21.10 21.20 21.30





#78

Terphenyl-d14

Concen: 86.49 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

Instrument :

BNA_G

ClientSampleId :

TEC-C1

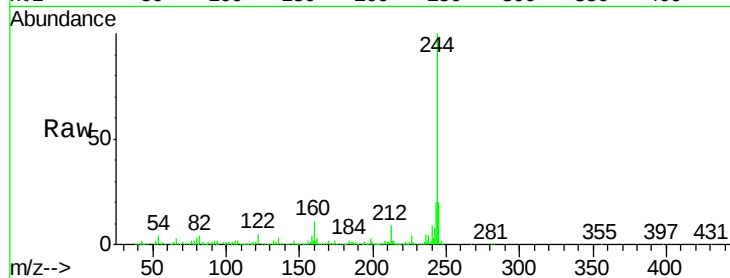
Tgt Ion:244 Resp: 929532

Ion Ratio Lower Upper

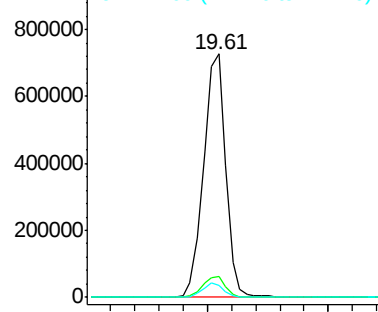
244 100

212 8.5 6.3 9.5

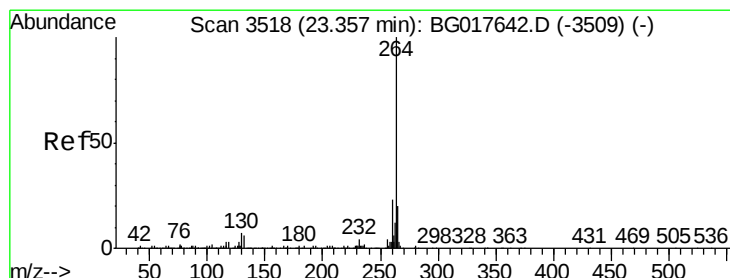
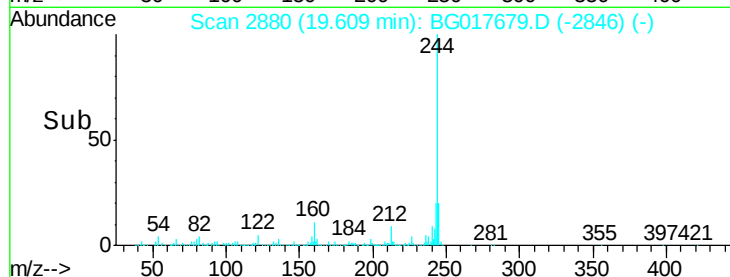
122 5.0 4.6 6.8



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



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG017679.D

Acq: 13 Jun 2015 18:16

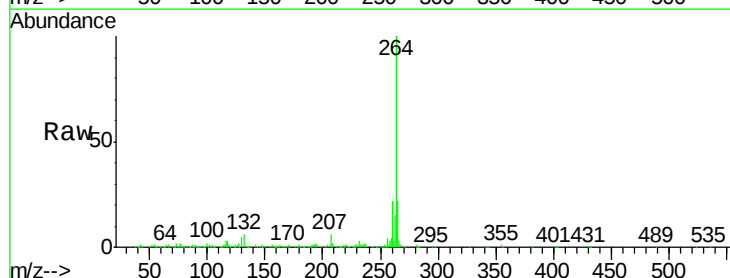
Tgt Ion:264 Resp: 223943

Ion Ratio Lower Upper

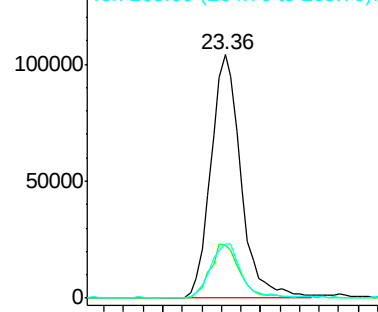
264 100

260 21.7 18.3 27.5

265 22.0 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



Time-->

