

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017660.D
 Acq On : 13 Jun 2015 6:03
 Operator : TP/IZ
 Sample : G2627-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB061115

Quant Time: Jun 13 06:39:05 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

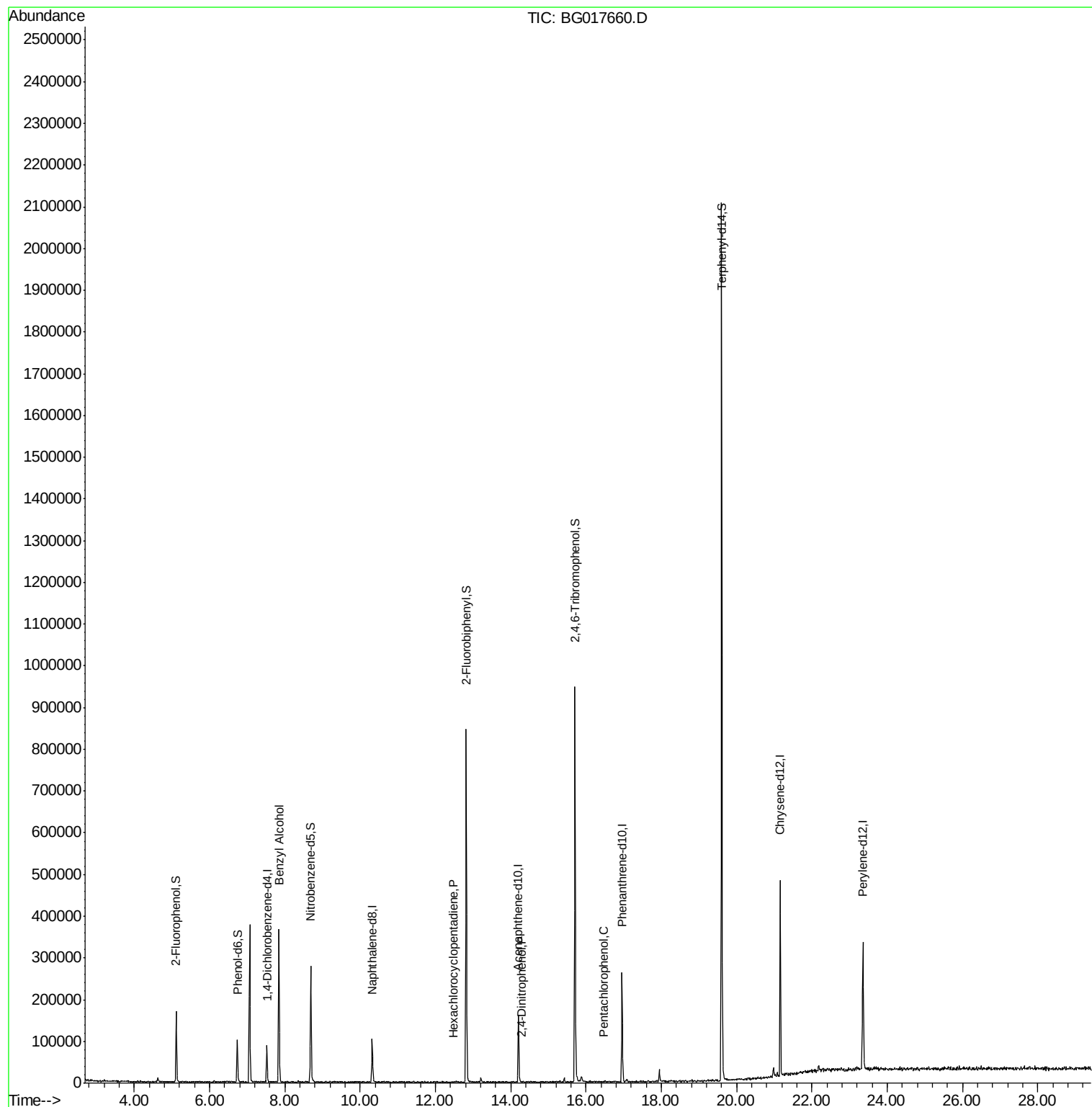
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16753	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	67518	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	50966	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	140309	20.00	ng	0.00
75) Chrysene-d12	21.16	240	212786	20.00	ng	0.00
86) Perylene-d12	23.36	264	220928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	55576	64.25	ng	0.00
7) Phenol-d6	6.73	99	44713	35.28	ng	0.00
23) Nitrobenzene-d5	8.69	82	148888	92.57	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	139178	158.20	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	354951	96.32	ng	0.00
78) Terphenyl-d14	19.61	244	842734	82.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	4146	2.97	ng	# 30
40) Hexachlorocyclopentadiene	12.48	237	97	5.18	ng	# 25
53) 2,4-Dinitrophenol	14.29	184	85	6.01	ng	# 13
69) Pentachlorophenol	16.49	266	59	6.24	ng	# 17

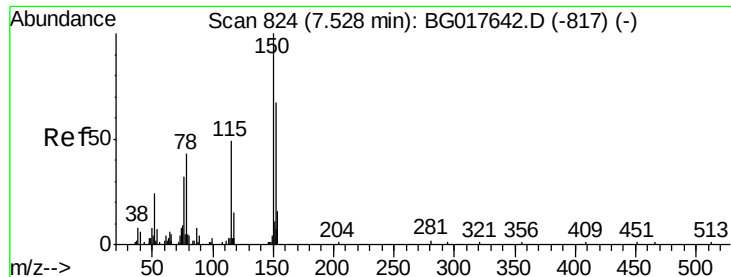
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

Instrument :

BNA_G

ClientSampleId :

FB061115

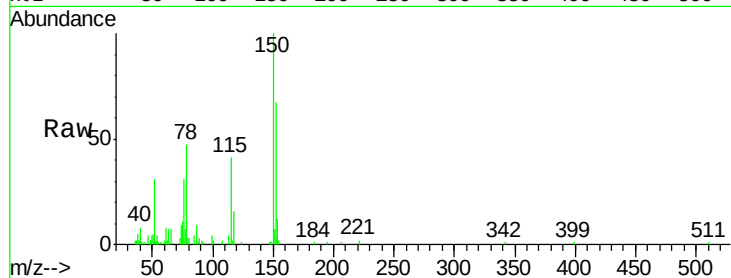
Tgt Ion:152 Resp: 16753

Ion Ratio Lower Upper

152 100

150 150.2 119.4 179.0

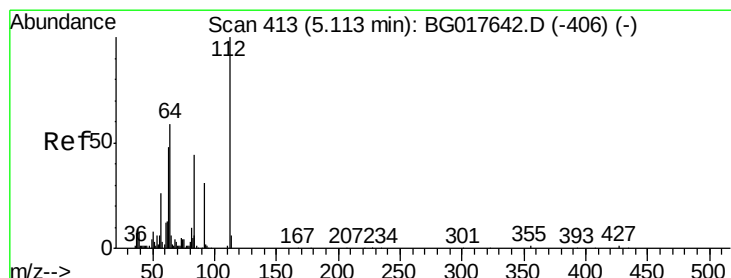
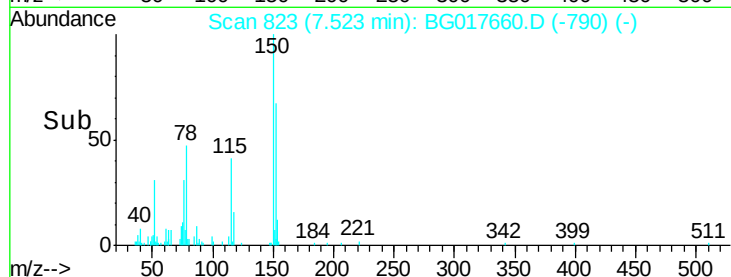
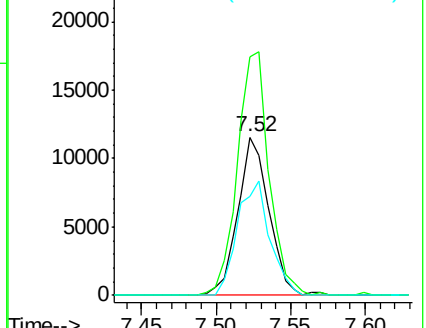
115 62.2 58.2 87.2



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: 64.25 ng

RT: 5.11 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

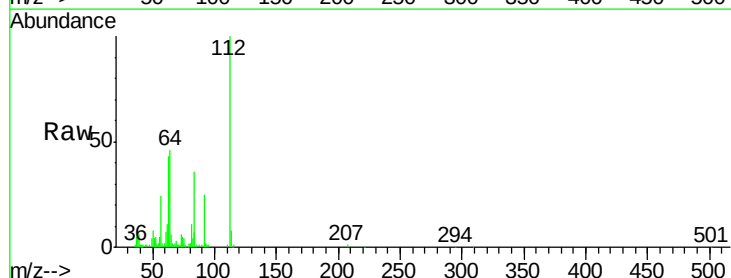
Tgt Ion:112 Resp: 55576

Ion Ratio Lower Upper

112 100

64 46.4 47.0 70.6#

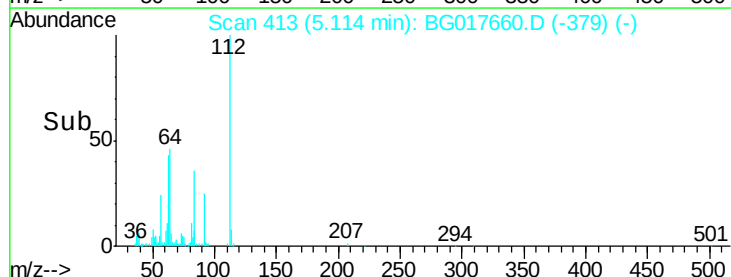
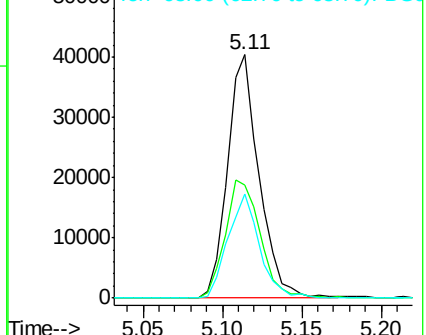
63 43.0 38.6 58.0

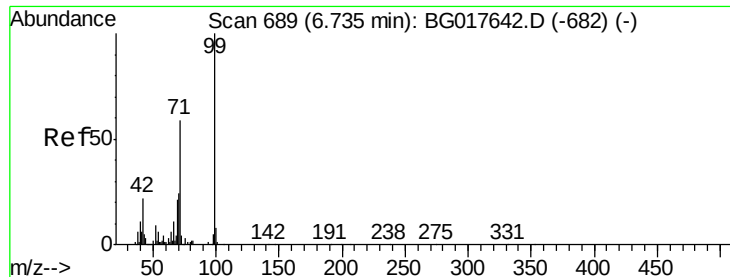


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.28 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

Instrument :

BNA_G

ClientSampleId :

FB061115

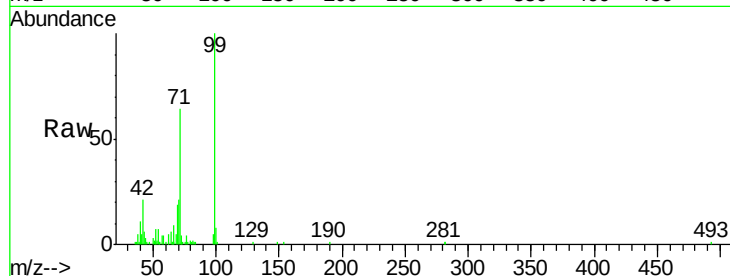
Tgt Ion: 99 Resp: 44713

Ion Ratio Lower Upper

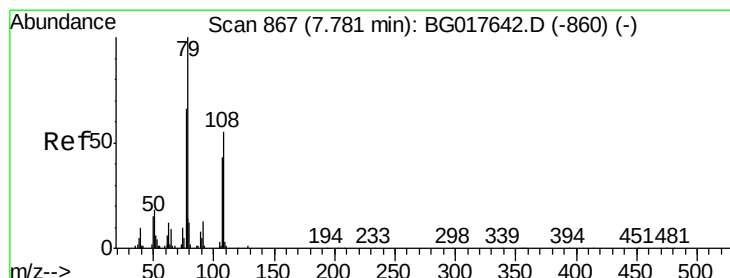
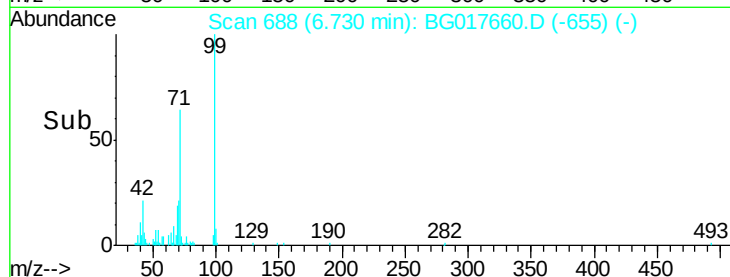
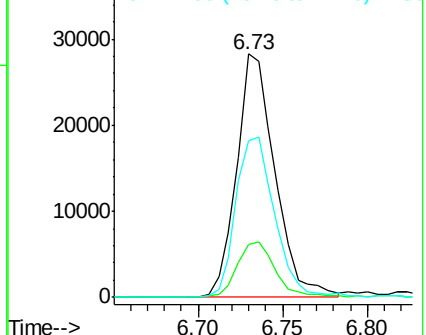
99 100

42 21.5 17.4 26.2

71 64.4 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: 2.97 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.07 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

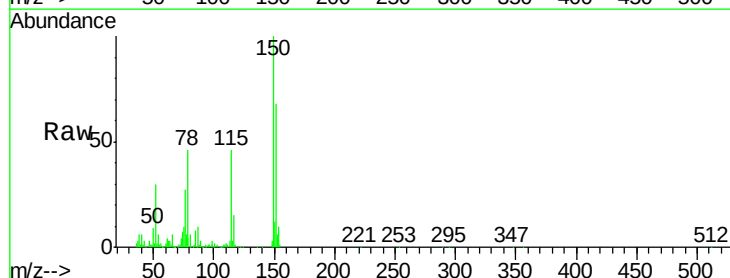
Tgt Ion: 79 Resp: 4146

Ion Ratio Lower Upper

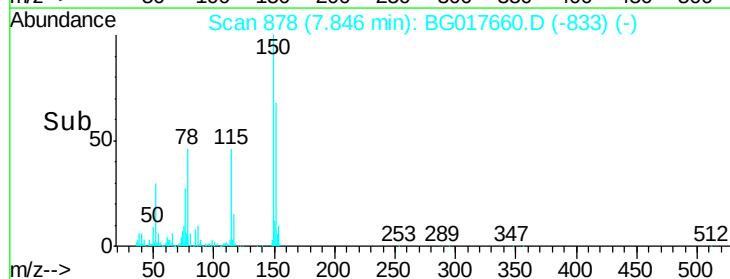
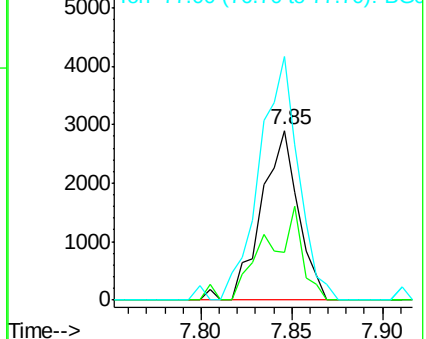
79 100

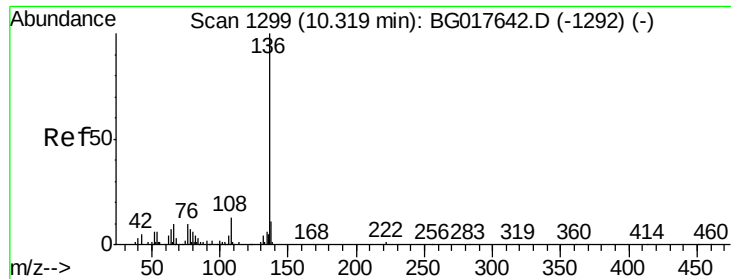
108 27.9 44.6 67.0#

77 143.7 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

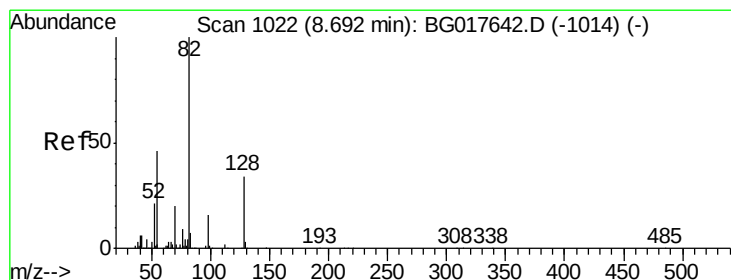
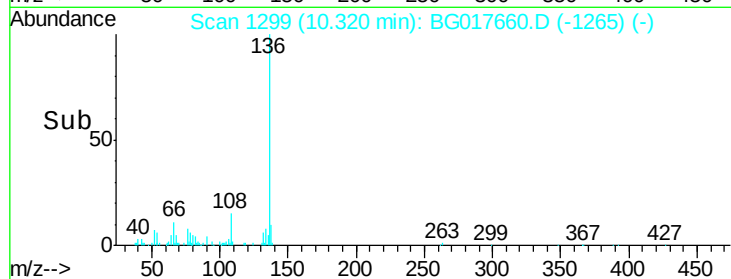
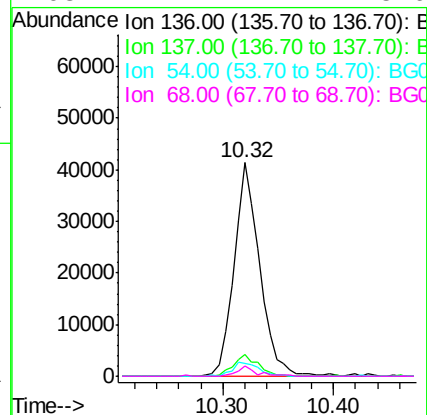
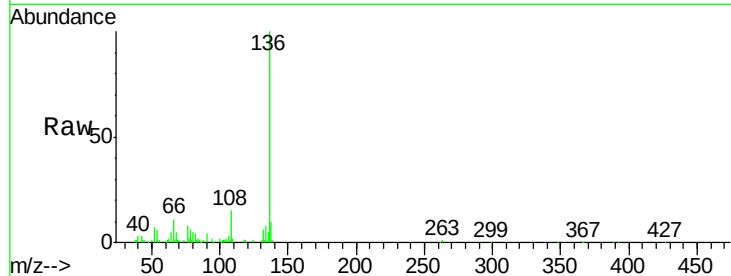




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017660.D
Acq: 13 Jun 2015 6:03

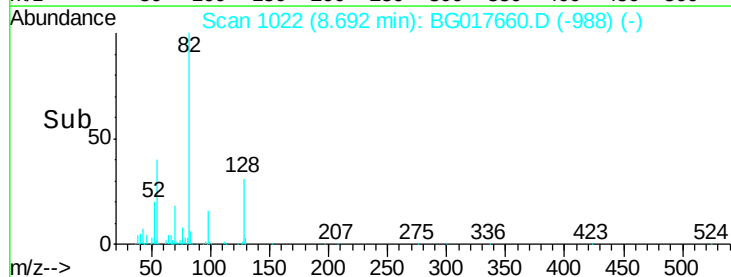
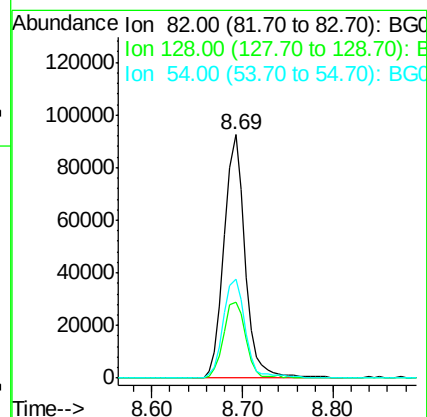
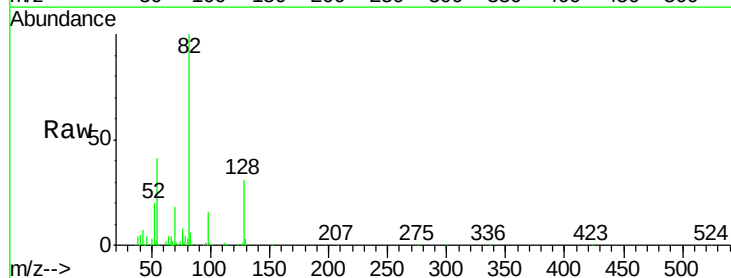
Instrument :
BNA_G
ClientSampleId :
FB061115

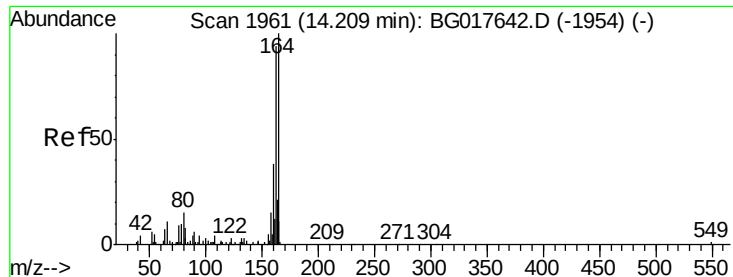
Tgt Ion:	136	Resp:	67518
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.8	4.7	7.1
68	4.7	2.4	3.6



#23
Nitrobenzene-d5
Concen: 92.57 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017660.D
Acq: 13 Jun 2015 6:03

Tgt Ion:	82	Resp:	148888
Ion	Ratio	Lower	Upper
82	100		
128	30.9	27.3	40.9
54	40.7	37.0	55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

Instrument :

BNA_G

ClientSampleId :

FB061115

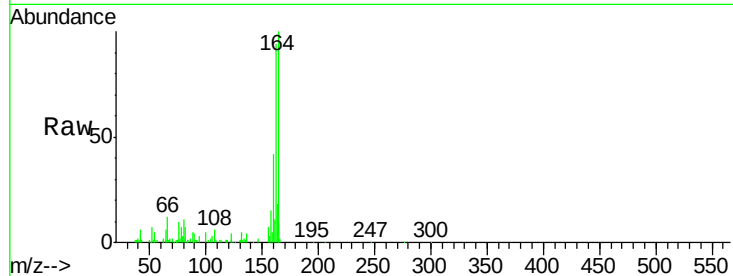
Tgt Ion:164 Resp: 50966

Ion Ratio Lower Upper

164 100

162 93.7 75.0 112.4

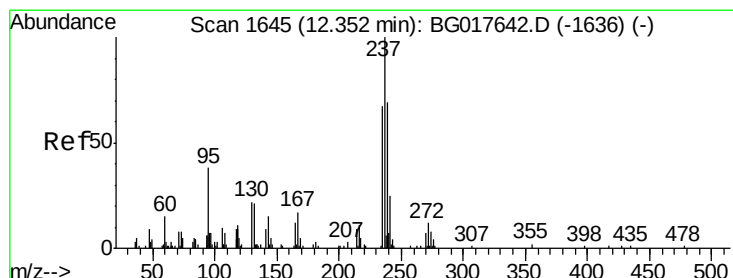
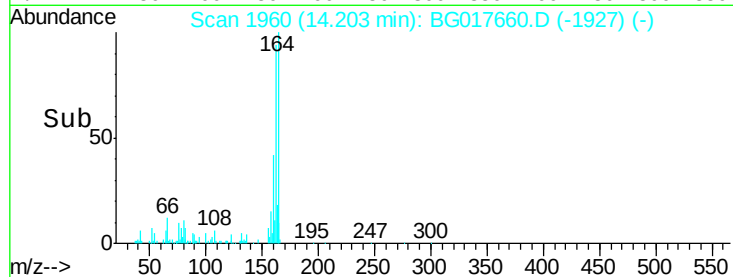
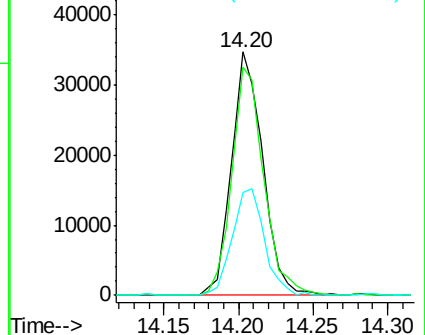
160 42.4 30.3 45.5



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: 5.18 ng

RT: 12.48 min Scan# 1667

Delta R.T. 0.13 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

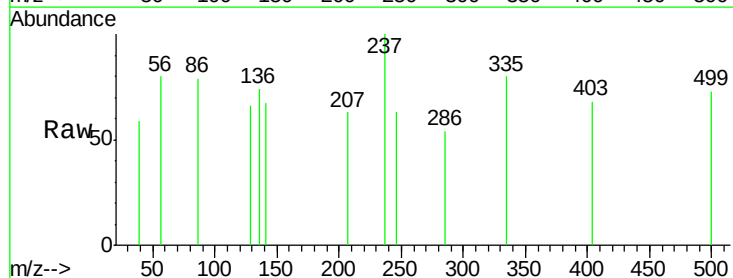
Tgt Ion:237 Resp: 97

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

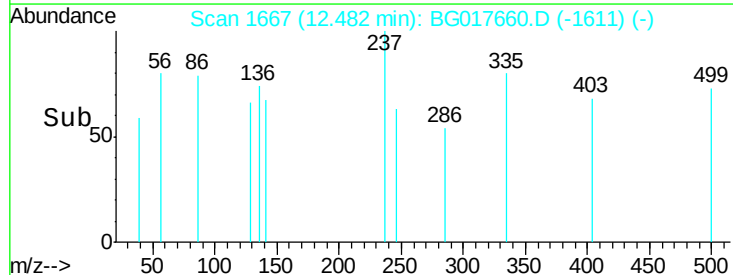
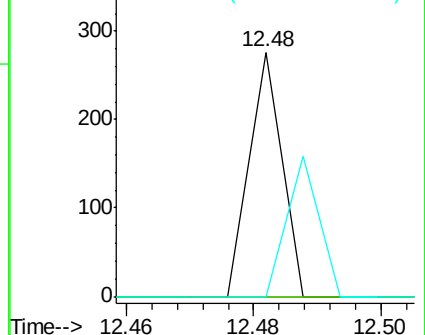
272 0.0 0.0 32.3

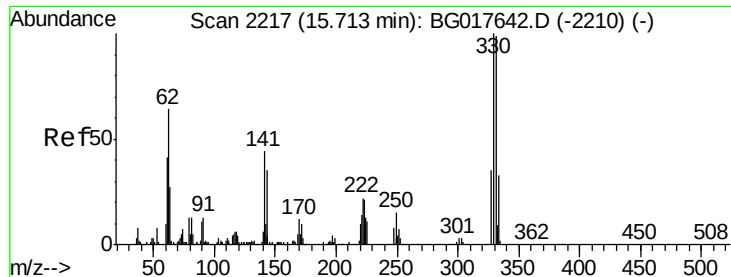


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

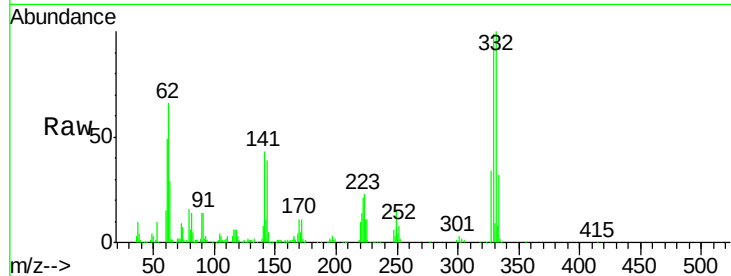




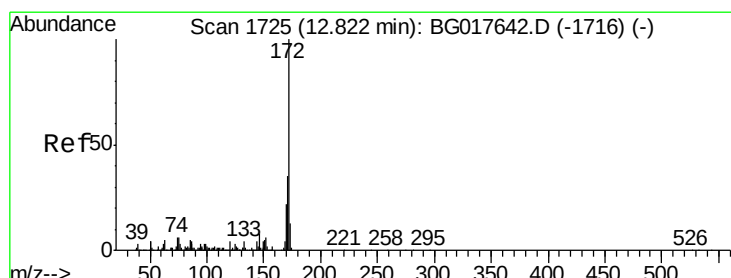
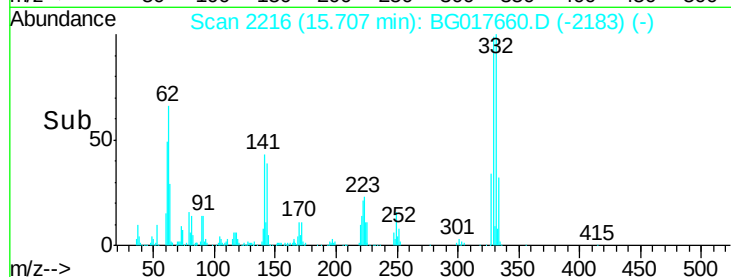
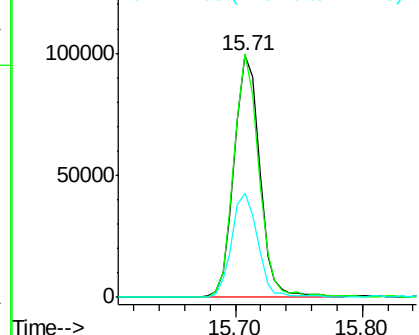
#41
 2,4,6-Tribromophenol
 Concen: 158.20 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG017660.D
 Acq: 13 Jun 2015 6:03

Instrument :
 BNA_G
 ClientSampleId :
 FB061115

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	43.4	34.6	51.8

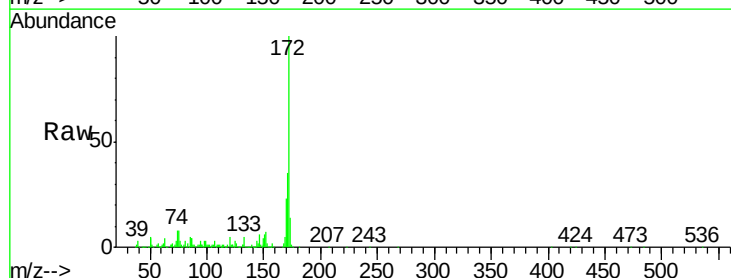


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

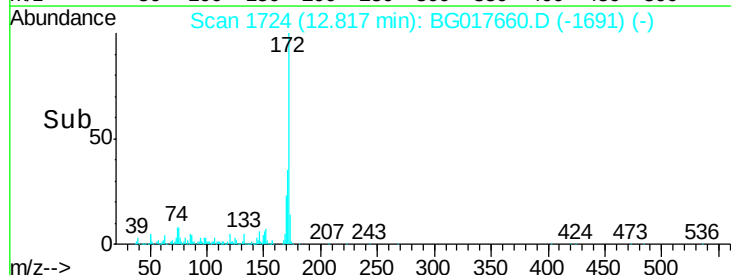
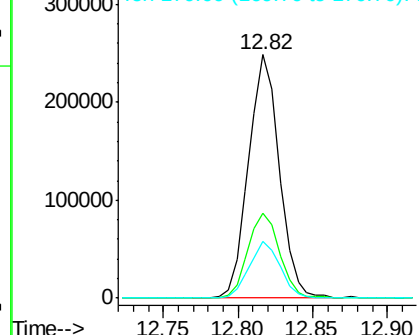


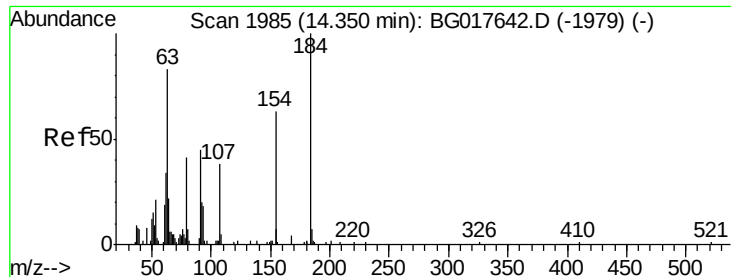
#44
 2-Fluorobiphenyl
 Concen: 96.32 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG017660.D
 Acq: 13 Jun 2015 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.5	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

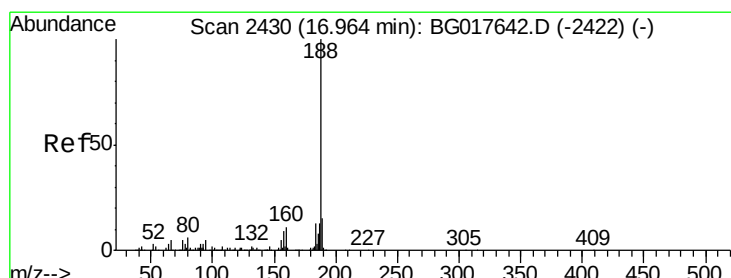
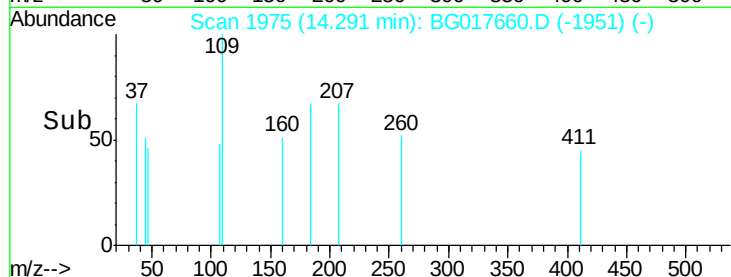
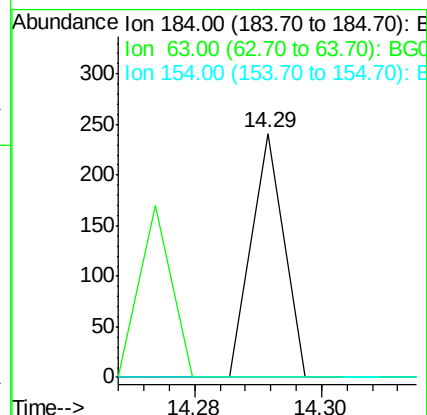
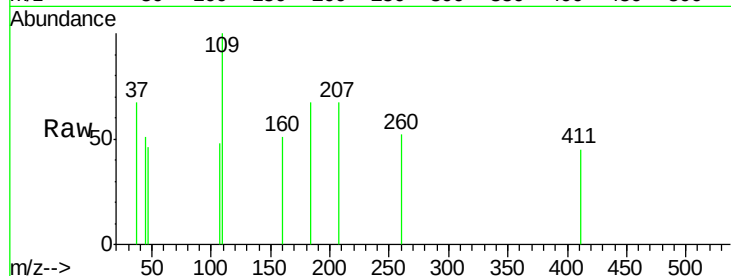




#53
2,4-Dinitrophenol
Concen: 6.01 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.06 min
Lab File: BG017660.D
Acq: 13 Jun 2015 6:03

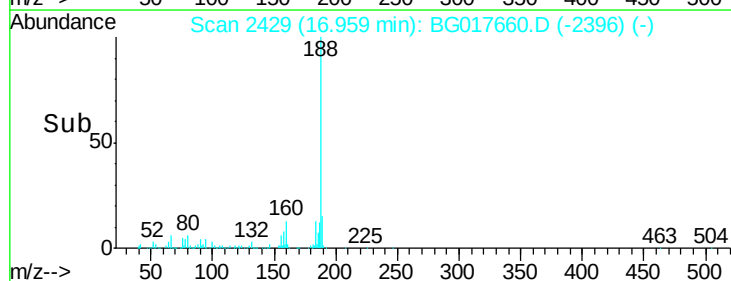
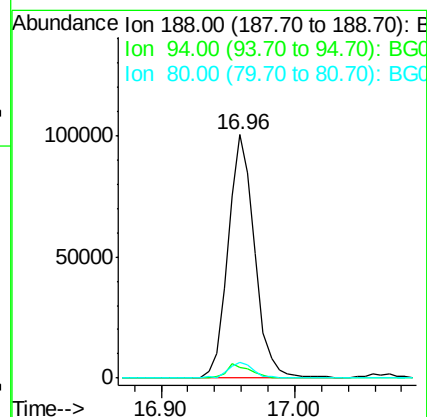
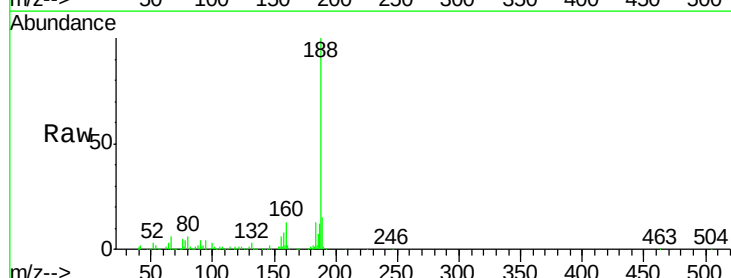
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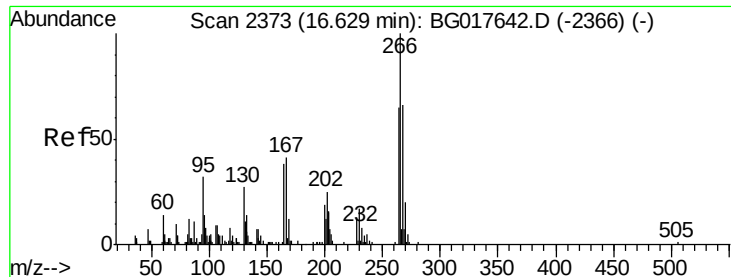
Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 0.0 66.5 99.7#
154 0.0 50.5 75.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG017660.D
Acq: 13 Jun 2015 6:03

Tgt Ion:188 Resp: 140309
Ion Ratio Lower Upper
188 100
94 4.3 3.9 5.9
80 6.2 5.0 7.6

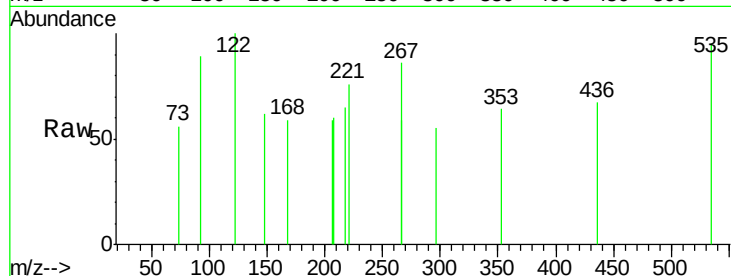




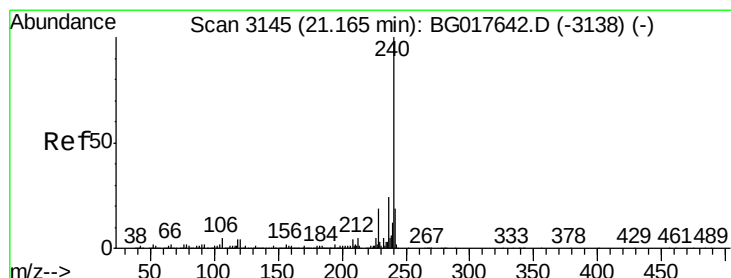
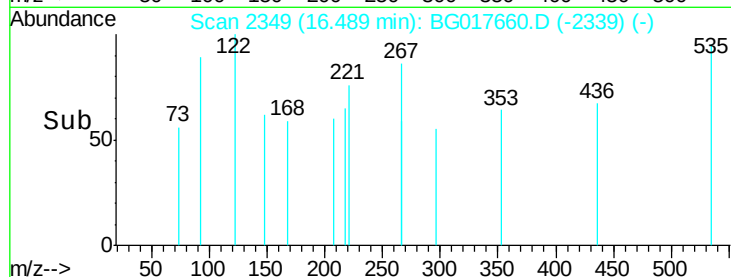
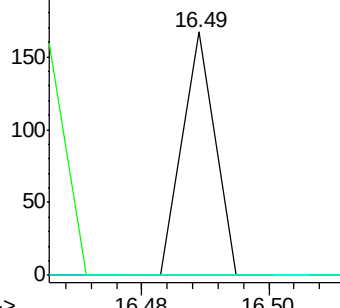
#69
 Pentachlorophenol
 Concen: 6.24 ng
 RT: 16.49 min Scan# 2349
 Delta R.T. -0.14 min
 Lab File: BG017660.D
 Acq: 13 Jun 2015 6:03

Instrument :
 BNA_G
 ClientSampled :
 FB061115

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.7	79.1#
264	0.0	52.2	78.4#

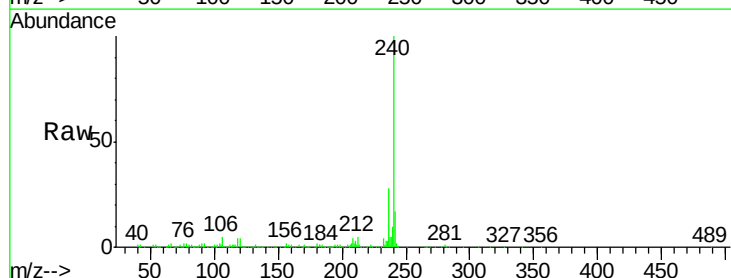


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

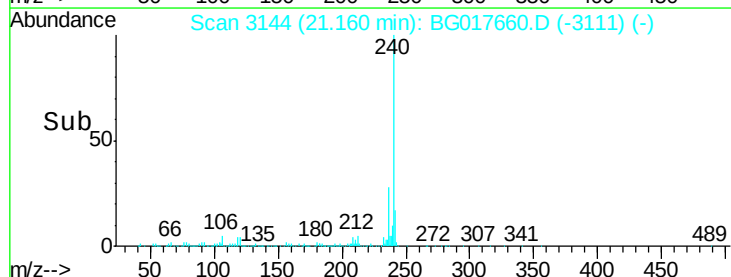
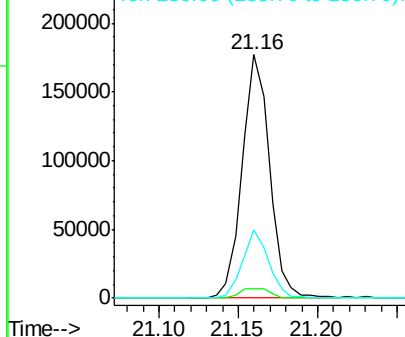


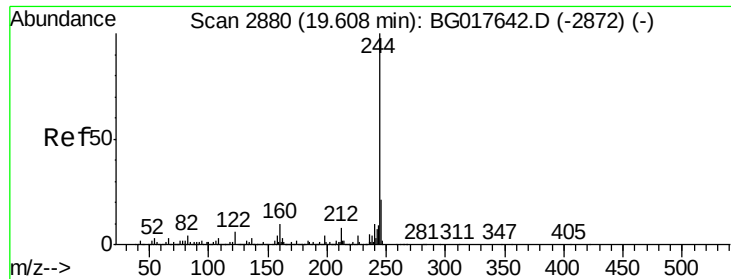
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG017660.D
 Acq: 13 Jun 2015 6:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.6	3.5	5.3
236	27.8	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





#78

Terphenyl-d14

Concen: 82.62 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

Instrument :

BNA_G

ClientSampleId :

FB061115

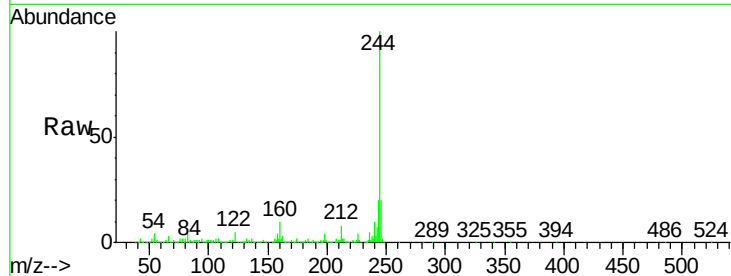
Tgt Ion:244 Resp: 842734

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

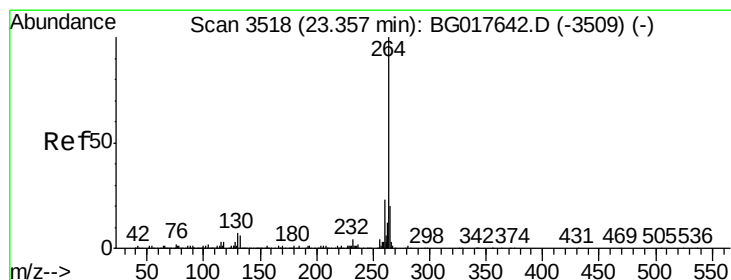
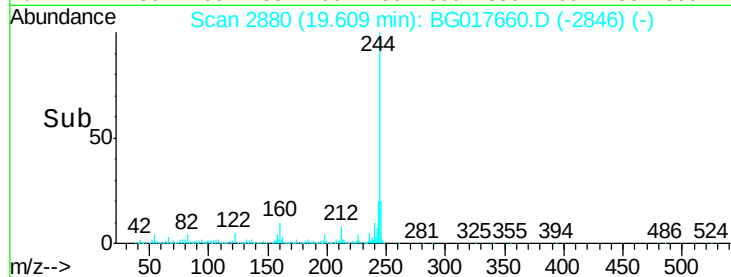
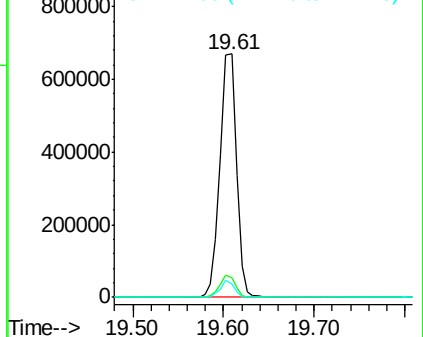
122 5.3 4.6 6.8



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# 3518

Delta R.T. 0.00 min

Lab File: BG017660.D

Acq: 13 Jun 2015 6:03

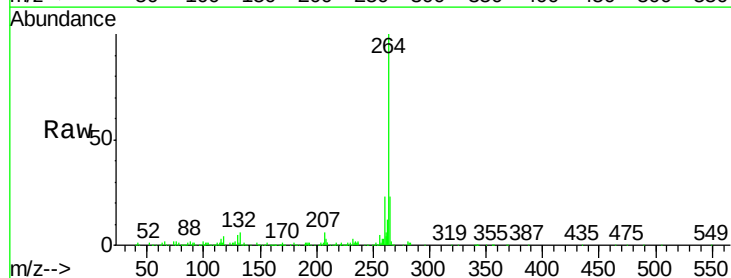
Tgt Ion:264 Resp: 220928

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.7 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

