

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016719.D
 Acq On : 25 Apr 2015 15:57
 Operator : TP/IZ
 Sample : G1988-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Apr 27 01:19:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 00:50:46 2015
 Response via : Initial Calibration

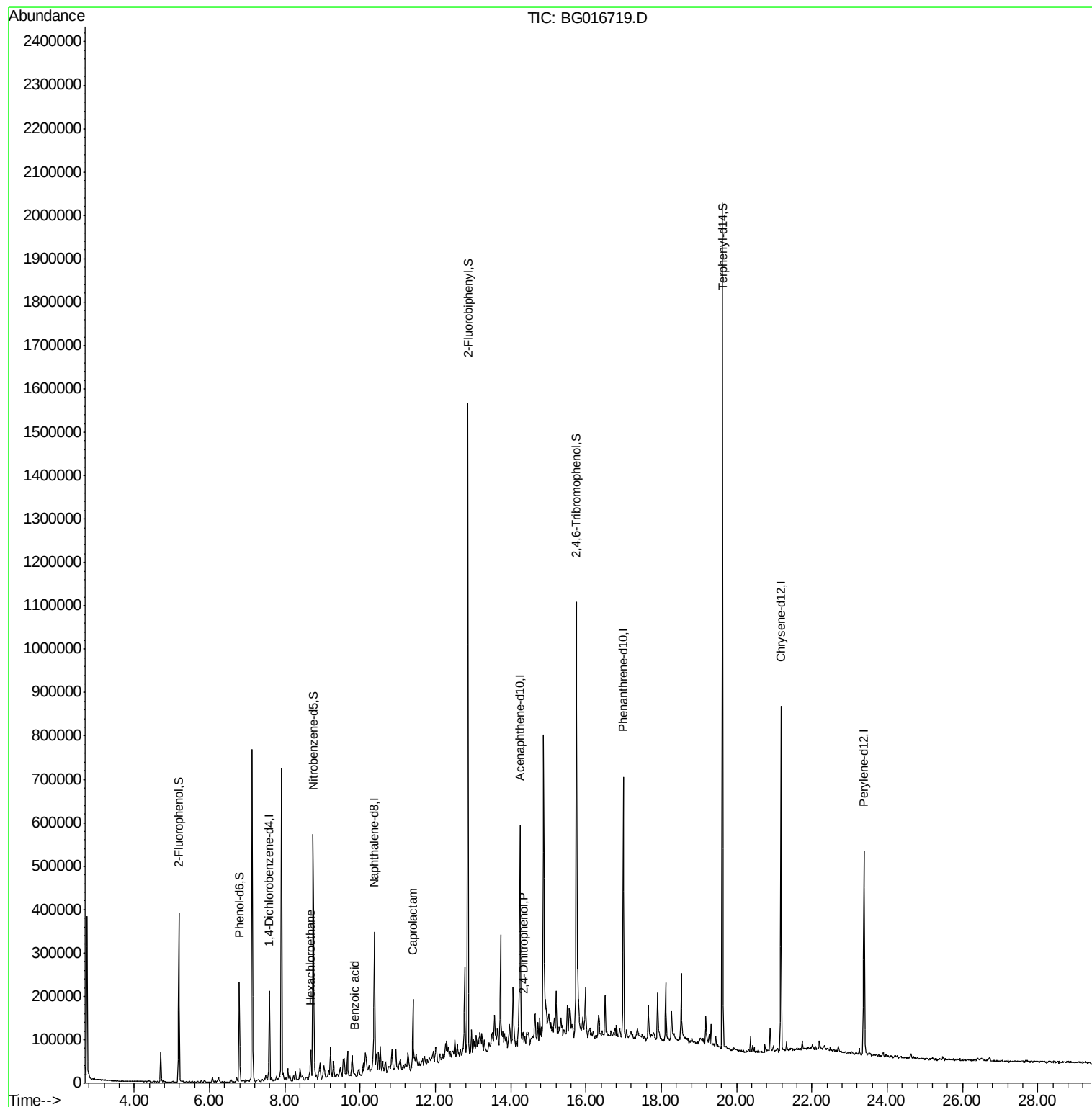
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	58445	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	252585	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	152608	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	320616	20.00	ng	0.00
75) Chrysene-d12	21.18	240	301659	20.00	ng	0.00
86) Perylene-d12	23.39	264	273969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	190766	52.97	ng	0.00
7) Phenol-d6	6.79	99	160827	31.83	ng	0.00
23) Nitrobenzene-d5	8.75	82	310341	77.64	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	139903	123.58	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	743545	78.28	ng	0.00
78) Terphenyl-d14	19.63	244	729305	55.69	ng	0.00
Target Compounds						
18) Hexachloroethane	8.69	117	6742	4.06	ng	# 1
32) Benzoic acid	9.86	122	80	8.89	ng	# 27
35) Caprolactam	11.40	113	10168	5.45	ng	# 60
53) 2,4-Dinitrophenol	14.35	184	60	7.64	ng	# 1

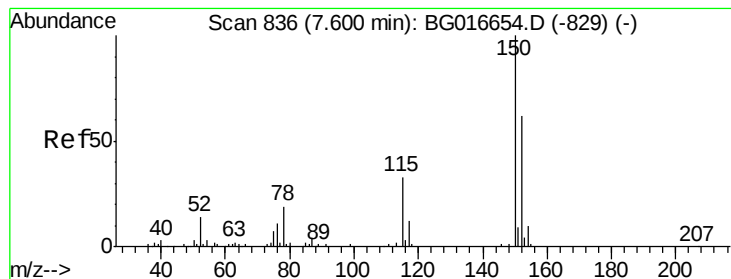
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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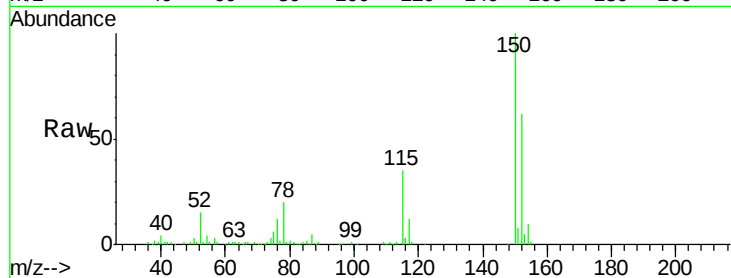


#1

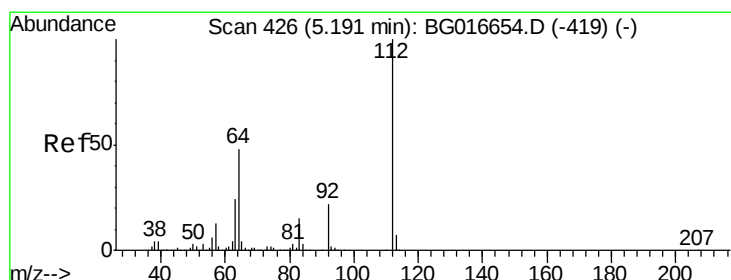
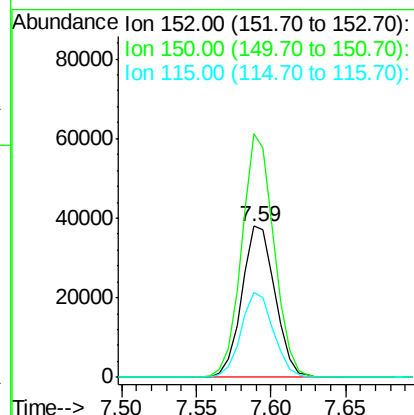
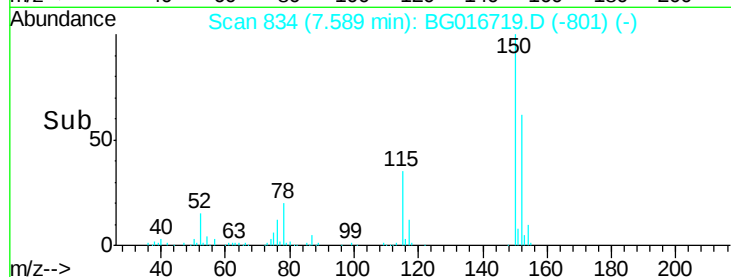
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.59 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG016719.D
 Acq: 25 Apr 2015 15:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.0	129.6	194.4
115	56.2	43.0	64.6



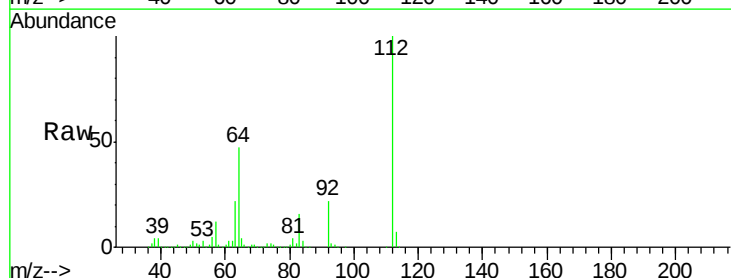
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



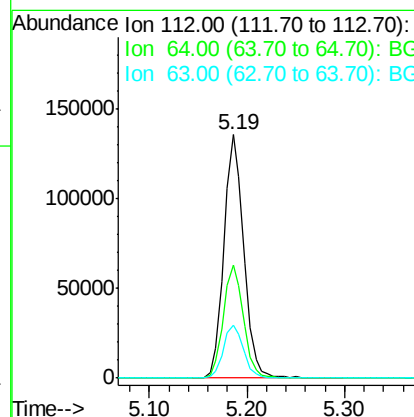
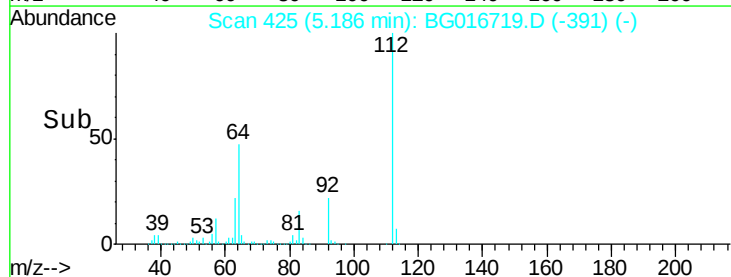
#5

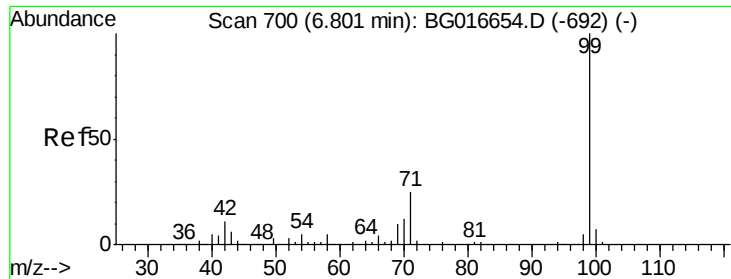
2-Fluorophenol
 Concen: 52.97 ng
 RT: 5.19 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BG016719.D
 Acq: 25 Apr 2015 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.5	38.3	57.5
63	21.9	18.9	28.3



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: 31.83 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

Instrument :

BNA_G

ClientSampleId :

MW-15

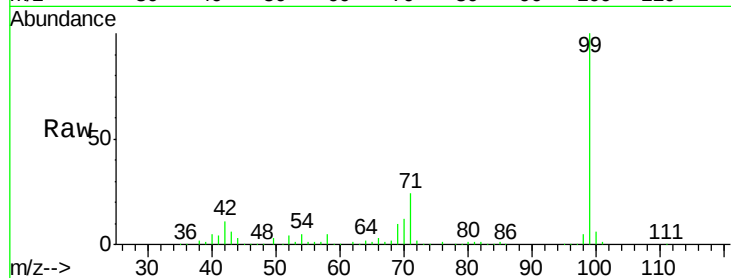
Tgt Ion: 99 Resp: 160827

Ion Ratio Lower Upper

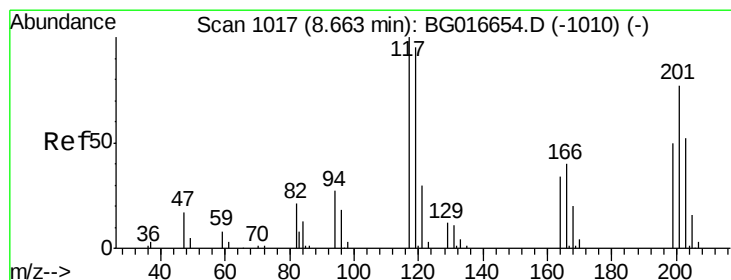
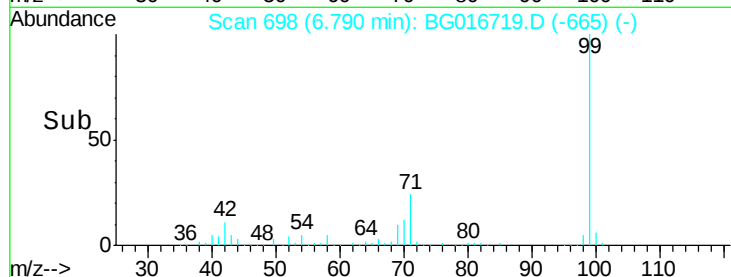
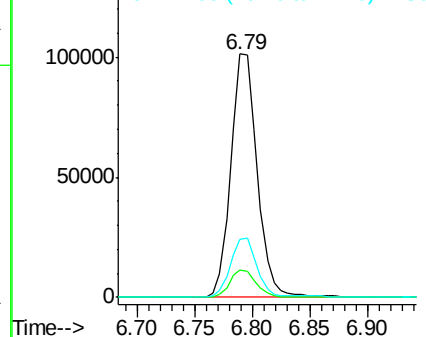
99 100

42 11.3 8.8 13.2

71 24.1 19.9 29.9



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



#18

Hexachloroethane

Concen: 4.06 ng

RT: 8.69 min Scan# 1022

Delta R.T. 0.03 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

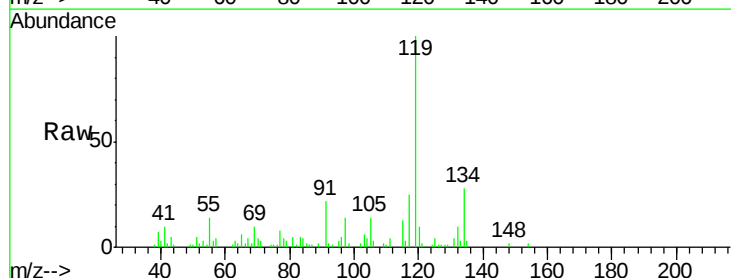
Tgt Ion: 117 Resp: 6742

Ion Ratio Lower Upper

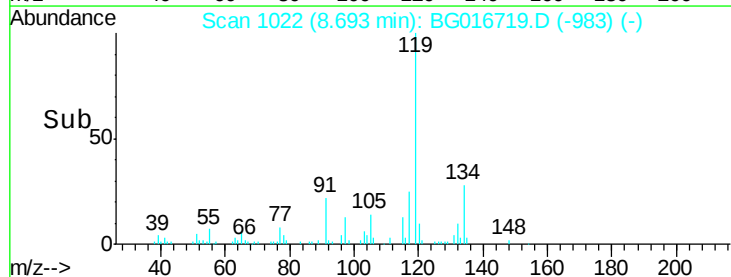
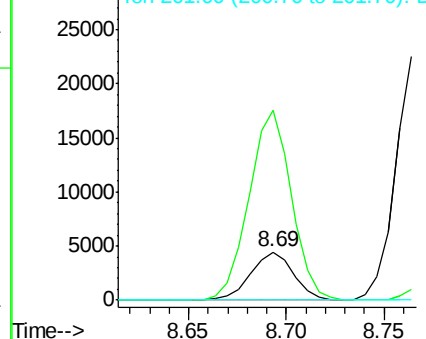
117 100

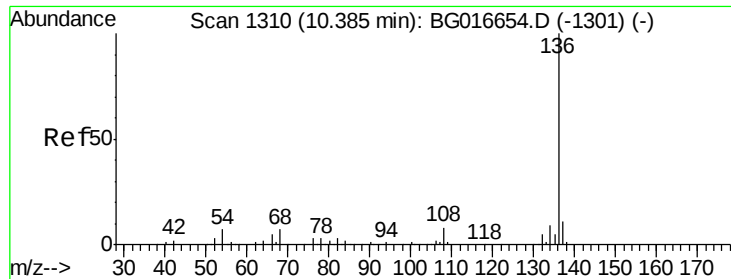
119 392.4 76.3 114.5#

201 0.0 61.5 92.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

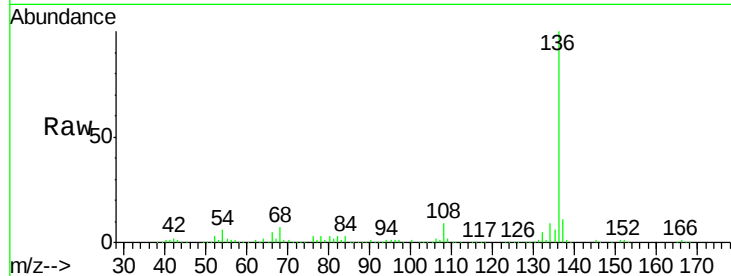




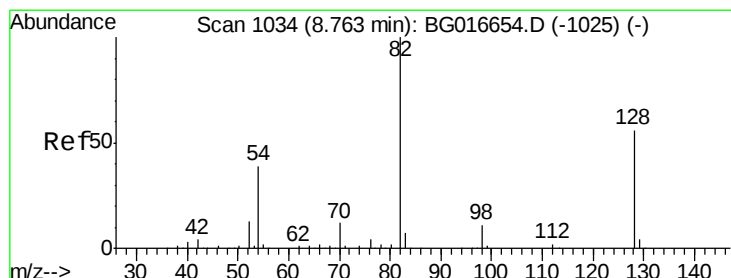
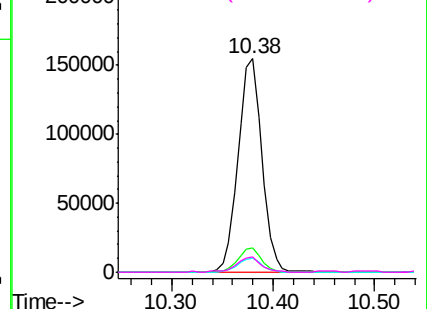
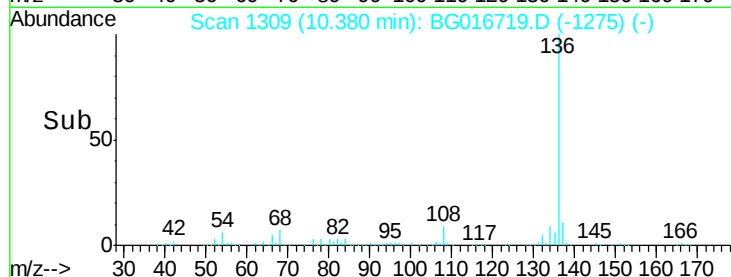
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG016719.D
Acq: 25 Apr 2015 15:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:	136	Resp:	252585
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.4	5.4	8.2
68	6.9	5.2	7.8

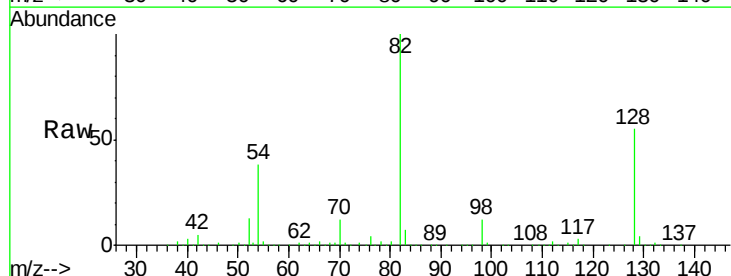


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

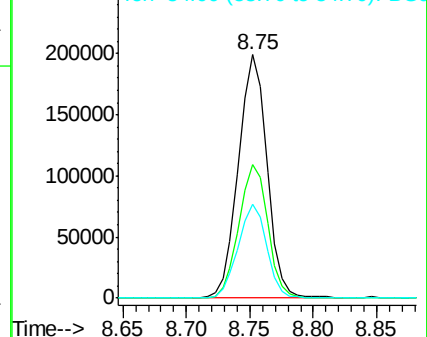
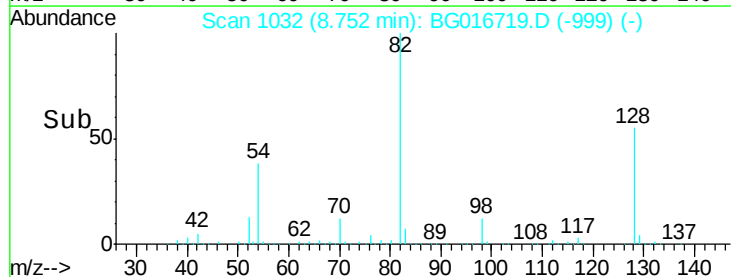


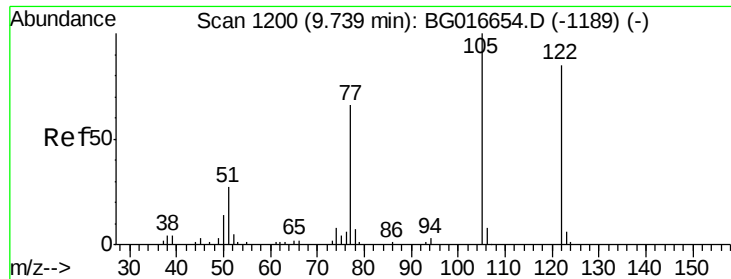
#23
Nitrobenzene-d5
Concen: 77.64 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG016719.D
Acq: 25 Apr 2015 15:57

Tgt Ion:	82	Resp:	310341
Ion	Ratio	Lower	Upper
82	100		
128	54.7	44.7	67.1
54	38.4	30.9	46.3



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





#32

Benzoic acid

Concen: 8.89 ng

RT: 9.86 min Scan# 1220

Delta R.T. 0.12 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

Instrument :

BNA_G

ClientSampleId :

MW-15

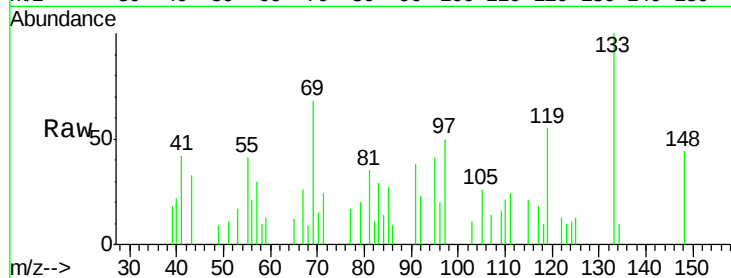
Tgt Ion:122 Resp: 80

Ion Ratio Lower Upper

122 100

105 204.9 97.2 137.2#

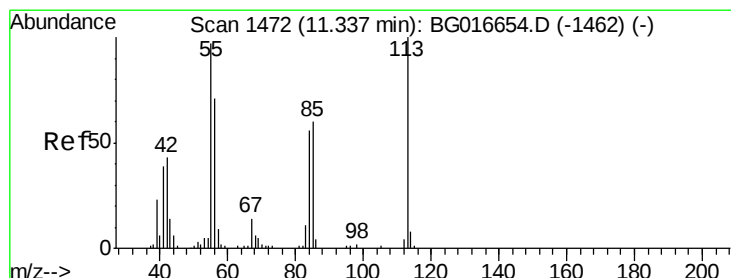
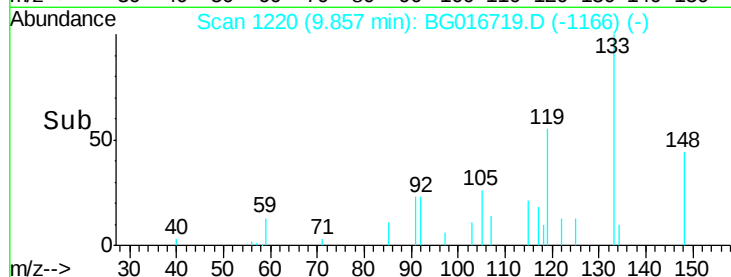
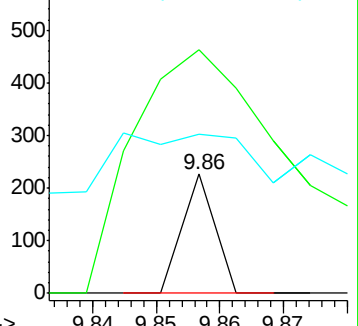
77 133.6 58.4 98.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 5.45 ng

RT: 11.40 min Scan# 1483

Delta R.T. 0.08 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

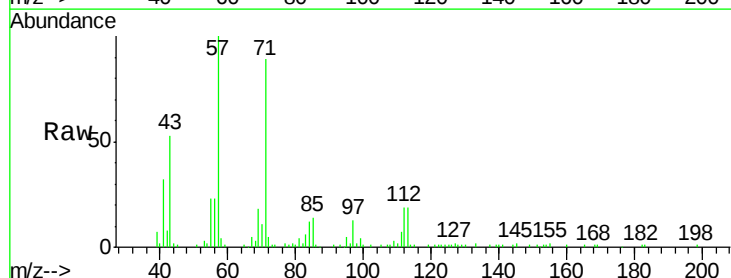
Tgt Ion:113 Resp: 10168

Ion Ratio Lower Upper

113 100

55 120.7 77.1 117.1#

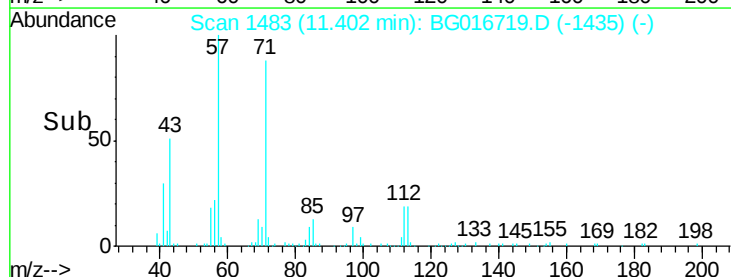
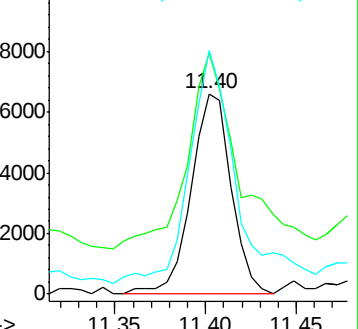
56 121.7 51.4 91.4#

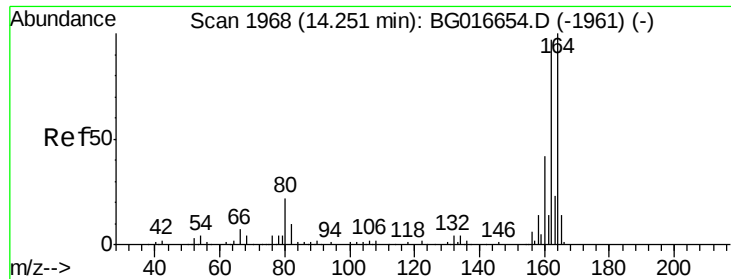


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

Instrument :

BNA_G

ClientSampled :

MW-15

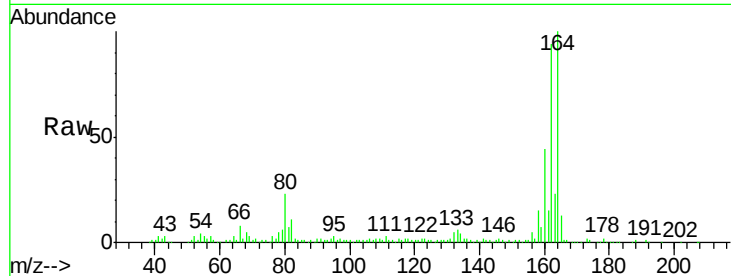
Tgt Ion:164 Resp: 152608

Ion Ratio Lower Upper

164 100

162 94.3 77.3 115.9

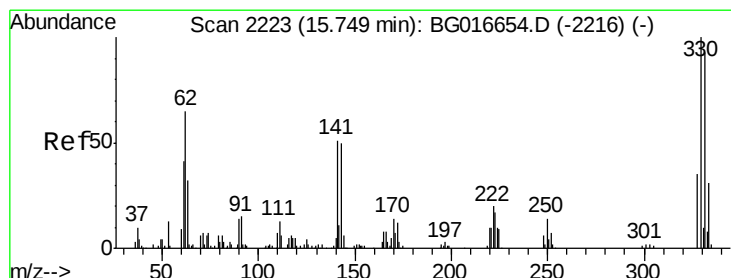
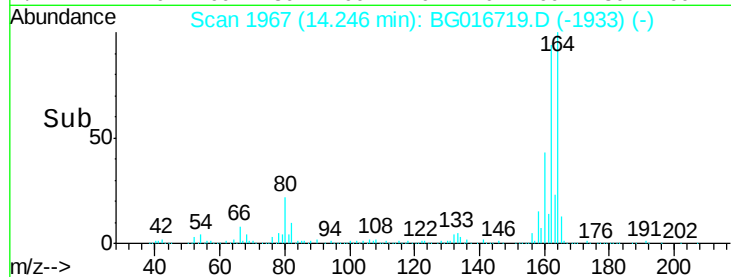
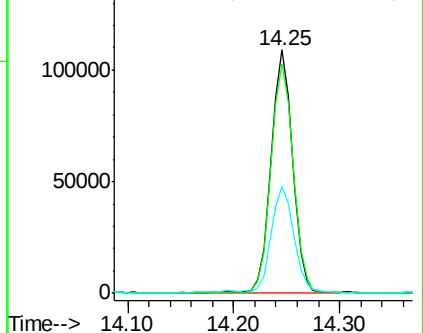
160 43.8 33.7 50.5



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



#41

2,4,6-Tribromophenol

Concen: 123.58 ng

RT: 15.74 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

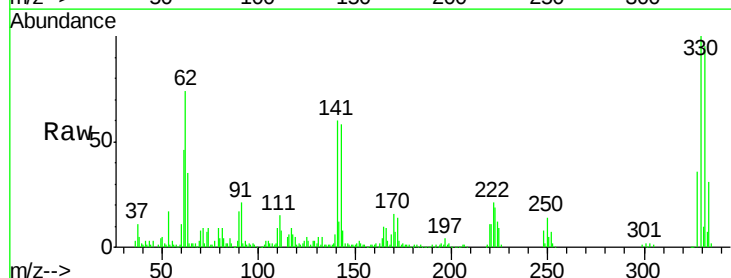
Tgt Ion:330 Resp: 139903

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

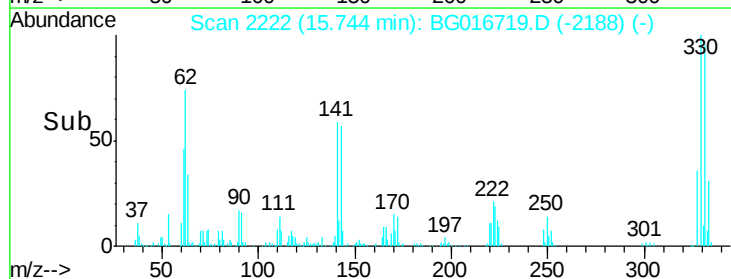
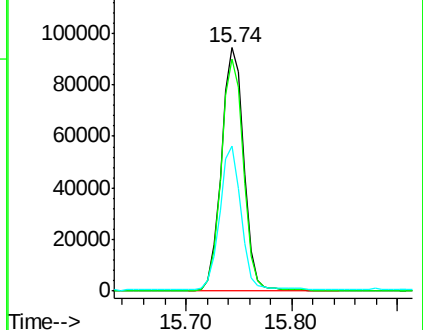
141 56.7 43.0 64.6

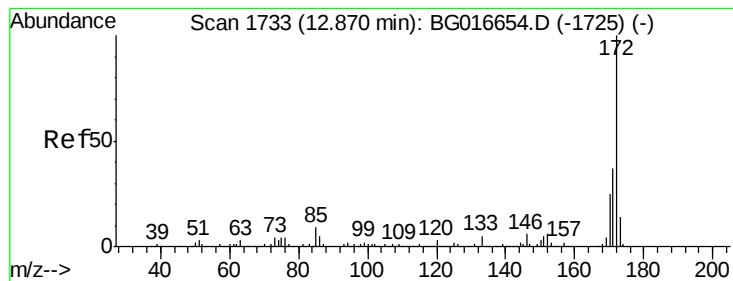


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.28 ng

RT: 12.86 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

Instrument :

BNA_G

ClientSampleId :

MW-15

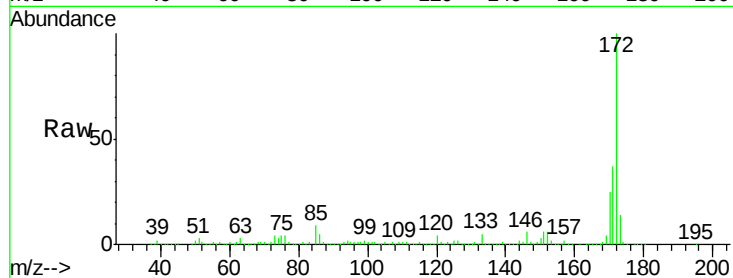
Tgt Ion:172 Resp: 743545

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

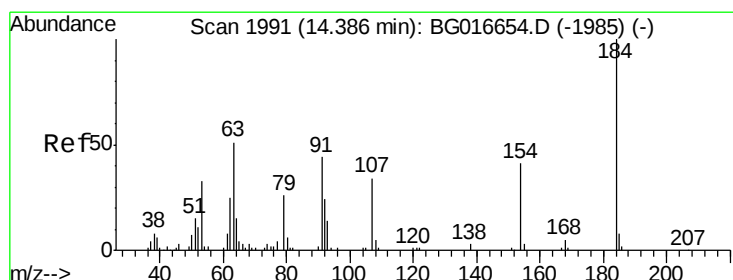
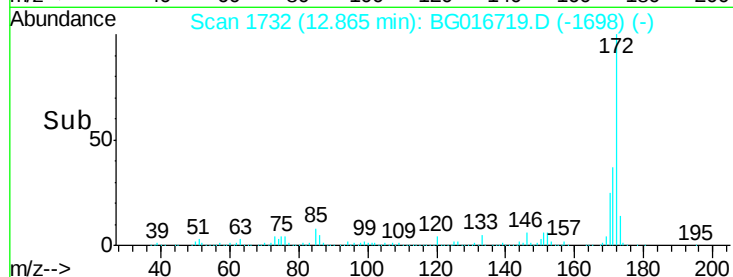
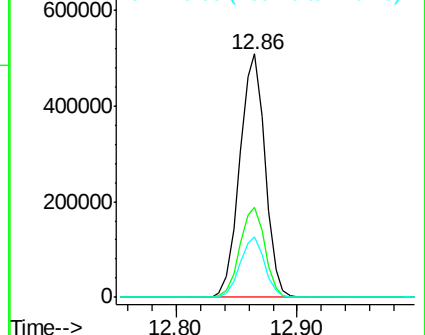
170 24.7 19.8 29.8



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: 7.64 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

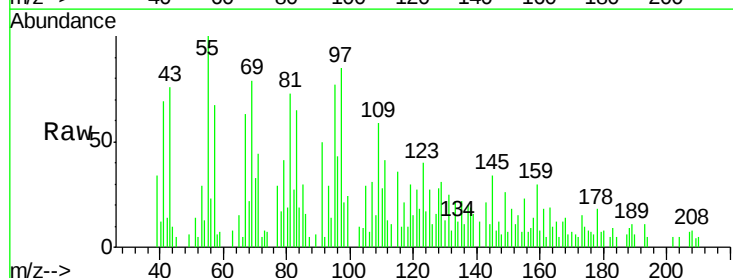
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 161.5 40.7 61.1#

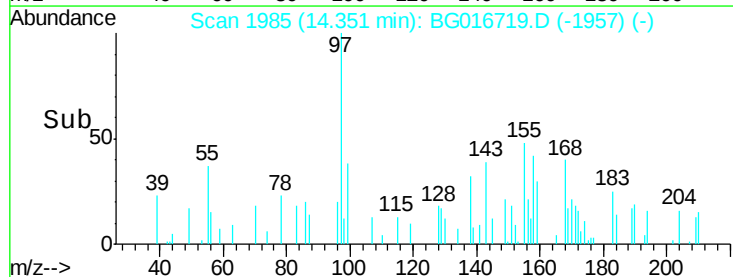
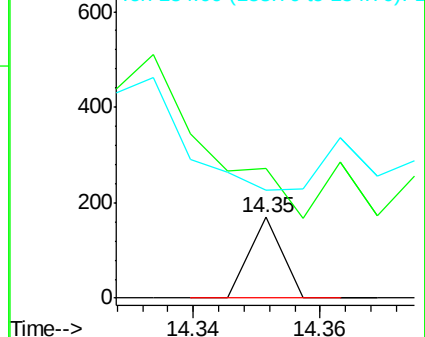
154 133.1 34.1 51.1#

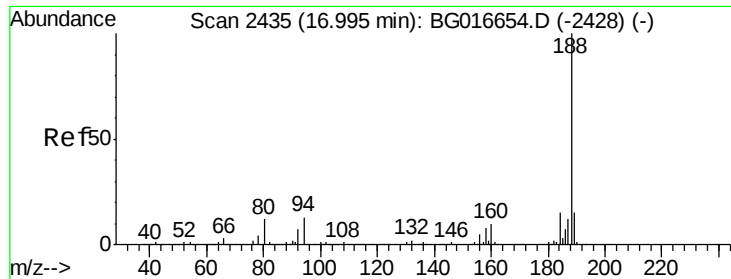


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

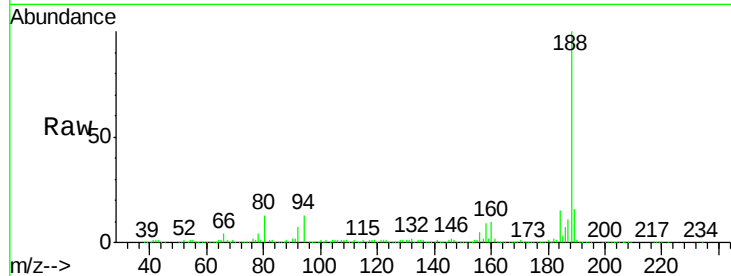




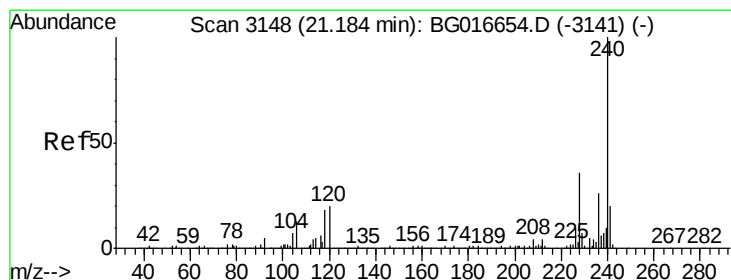
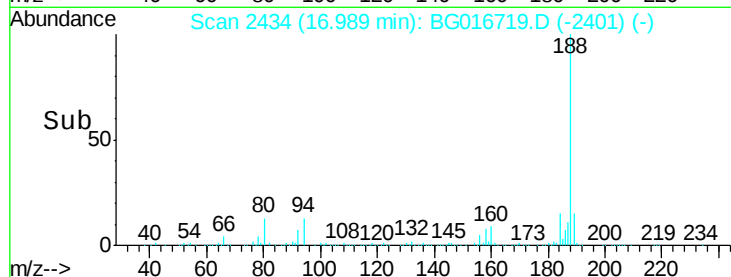
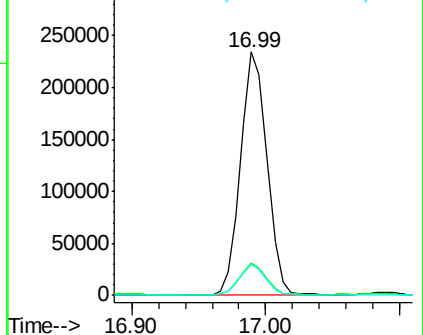
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016719.D
Acq: 25 Apr 2015 15:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:188 Resp: 320616
Ion Ratio Lower Upper
188 100
94 13.2 10.7 16.1
80 12.9 9.9 14.9

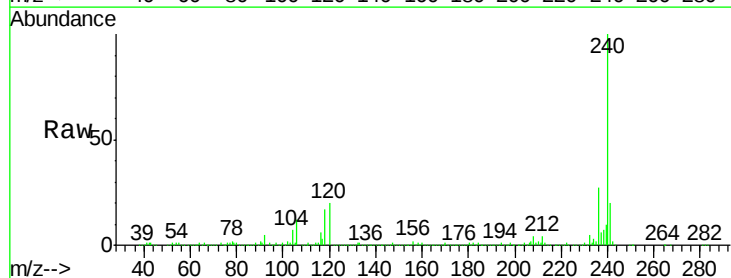


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

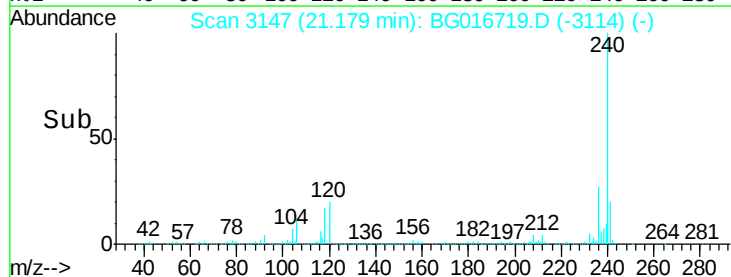
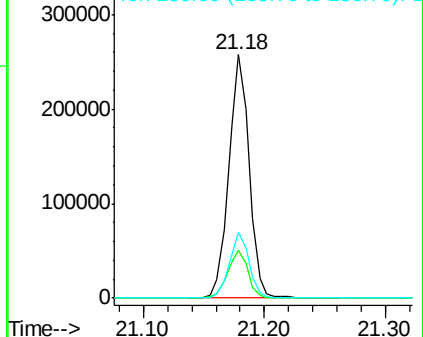


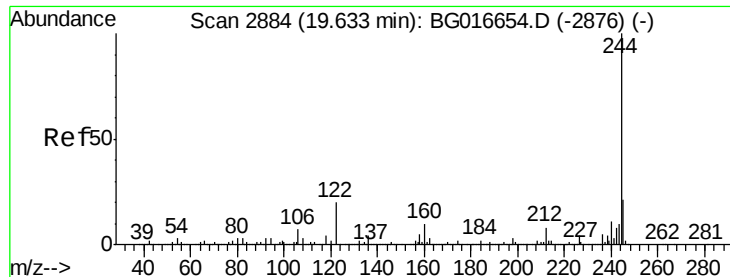
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016719.D
Acq: 25 Apr 2015 15:57

Tgt Ion:240 Resp: 301659
Ion Ratio Lower Upper
240 100
120 19.6 16.3 24.5
236 27.2 21.1 31.7



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: 55.69 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

Instrument :

BNA_G

ClientSampleId :

MW-15

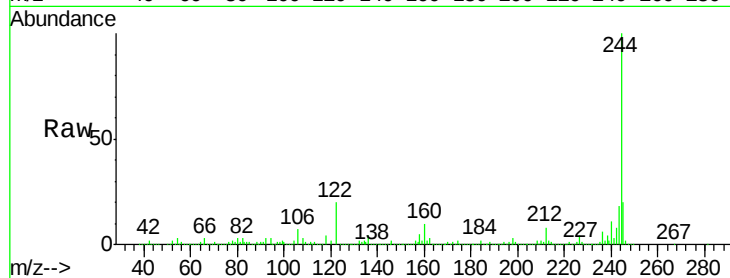
Tgt Ion:244 Resp: 729305

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

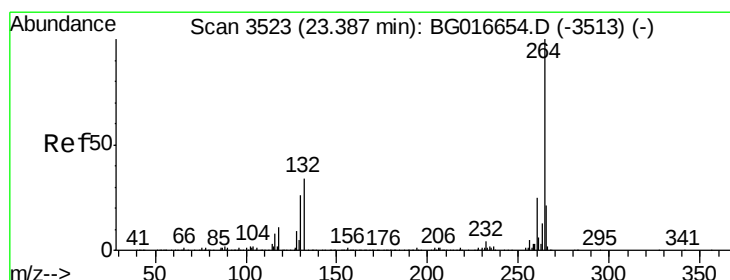
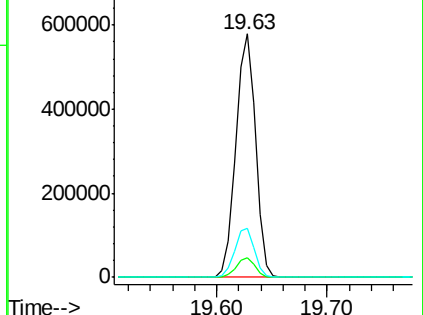
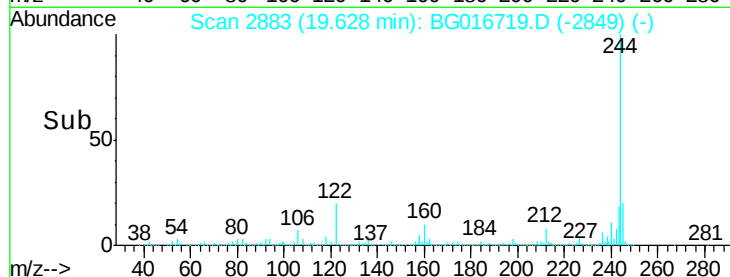
122 20.0 15.9 23.9



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: 23.39 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG016719.D

Acq: 25 Apr 2015 15:57

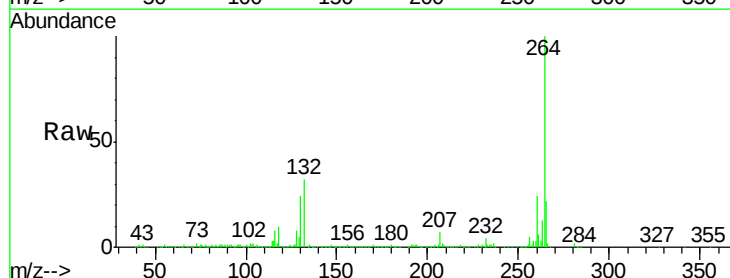
Tgt Ion:264 Resp: 273969

Ion Ratio Lower Upper

264 100

260 24.3 20.0 30.0

265 21.6 16.8 25.2



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

