

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
 Data File : BG016788.D
 Acq On : 29 Apr 2015 7:21
 Operator : TP/IZ
 Sample : G2004-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Apr 29 08:05:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 07:42:08 2015
 Response via : Initial Calibration

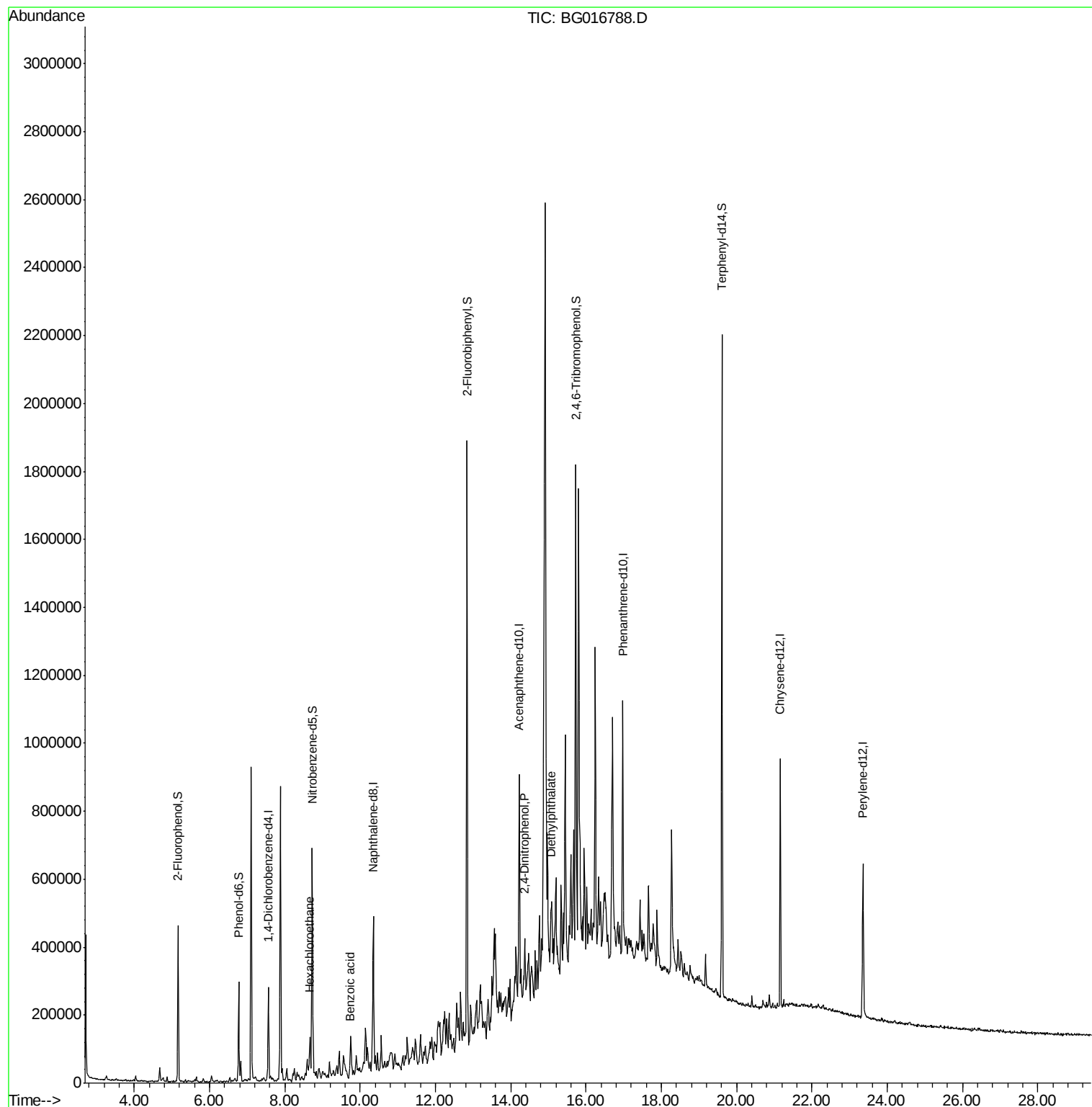
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	81205	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	360089	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	201673	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	356439	20.00	ng	0.00
75) Chrysene-d12	21.16	240	305312	20.00	ng	0.00
86) Perylene-d12	23.36	264	294707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	238032	47.57	ng	0.00
7) Phenol-d6	6.77	99	202427	28.83	ng	0.00
23) Nitrobenzene-d5	8.73	82	372856	65.43	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	143955	96.22	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	881277	70.21	ng	0.00
78) Terphenyl-d14	19.61	244	748087	56.44	ng	0.00
Target Compounds						
18) Hexachloroethane	8.67	117	14976	6.50	ng	# 1
32) Benzoic acid	9.72	122	768	9.06	ng	# 26
53) 2,4-Dinitrophenol	14.37	184	64	7.64	ng	# 1
59) Diethylphthalate	15.08	149	35009	2.23	ng	# 53

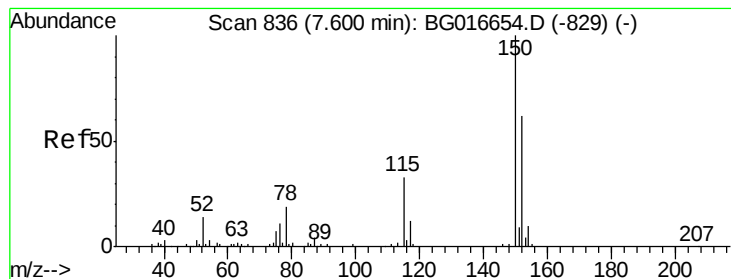
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

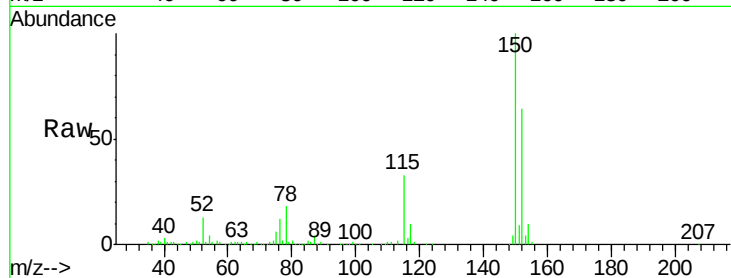
Tgt Ion:152 Resp: 81205

Ion Ratio Lower Upper

152 100

150 155.9 129.6 194.4

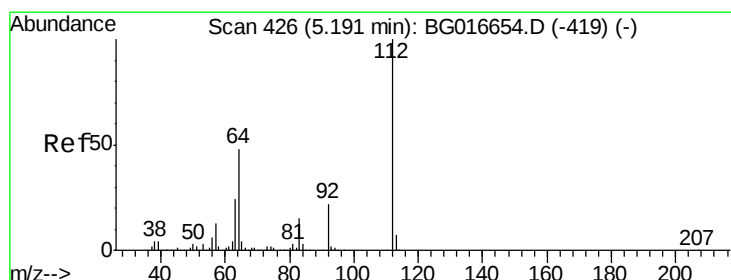
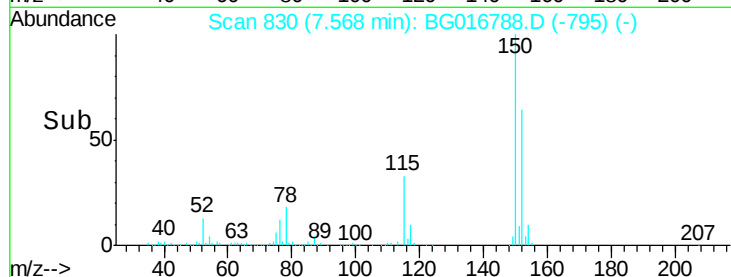
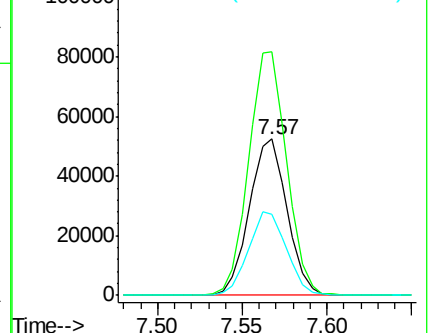
115 52.0 43.0 64.6



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: 47.57 ng

RT: 5.16 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

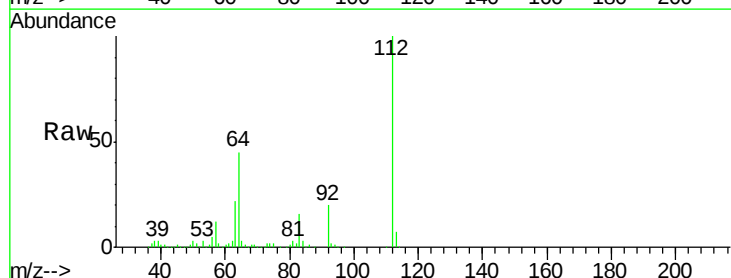
Tgt Ion:112 Resp: 238032

Ion Ratio Lower Upper

112 100

64 44.9 38.3 57.5

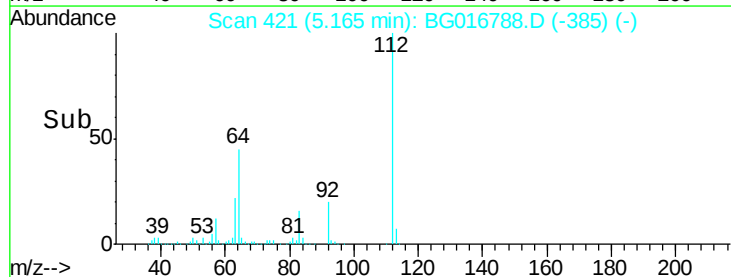
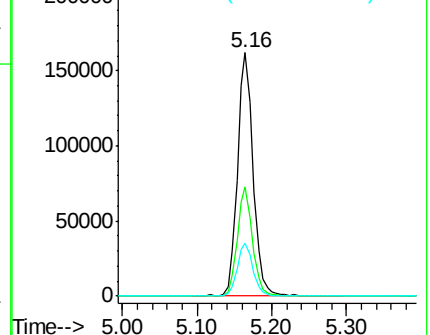
63 22.0 18.9 28.3

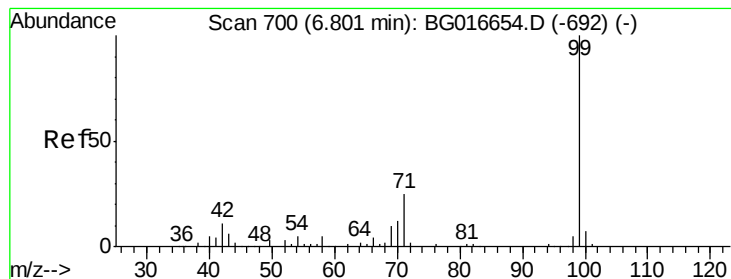


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.83 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

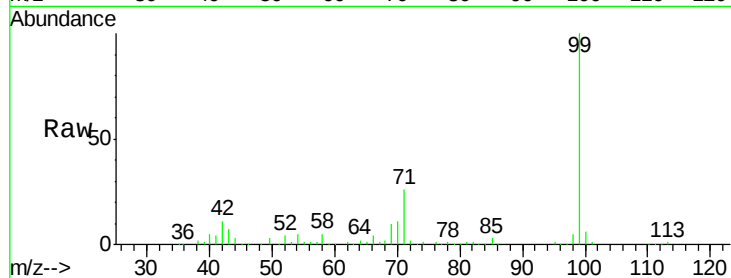
Tgt Ion: 99 Resp: 202427

Ion Ratio Lower Upper

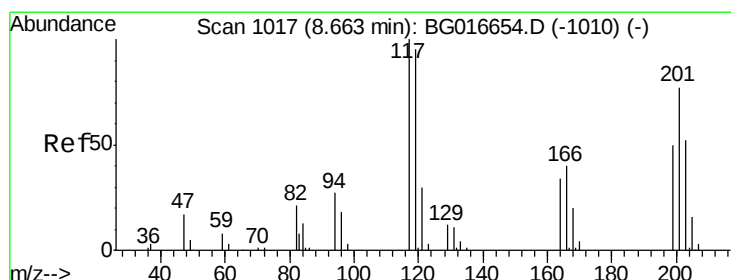
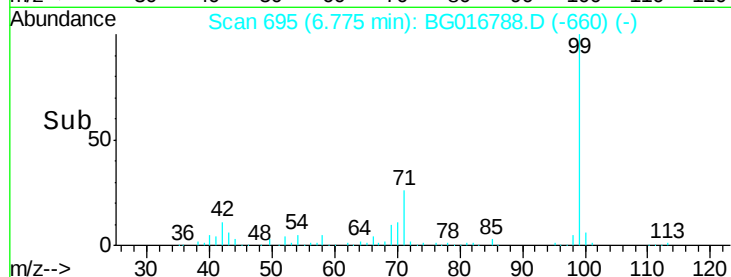
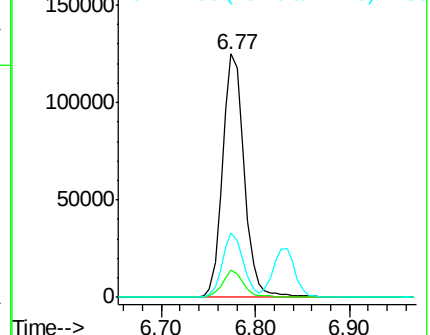
99 100

42 11.2 8.8 13.2

71 26.5 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: 6.50 ng

RT: 8.67 min Scan# 1017

Delta R.T. 0.03 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

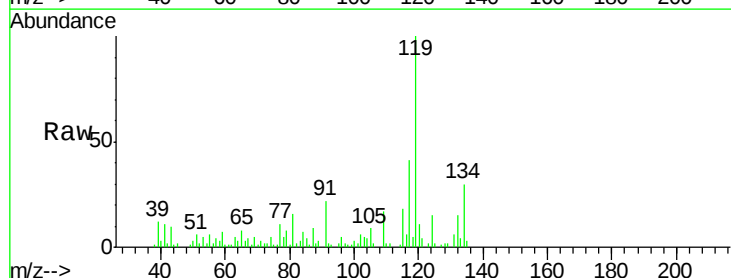
Tgt Ion: 117 Resp: 14976

Ion Ratio Lower Upper

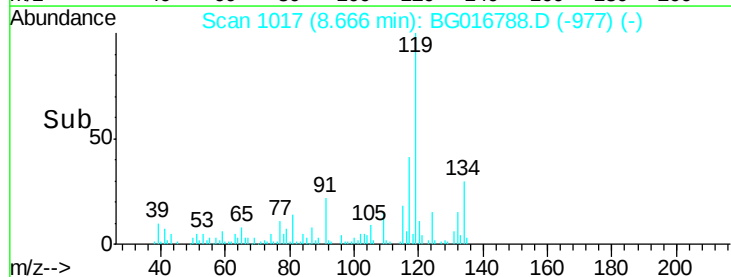
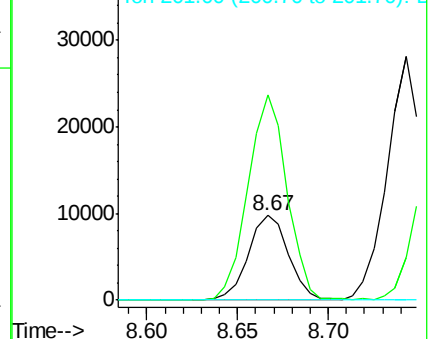
117 100

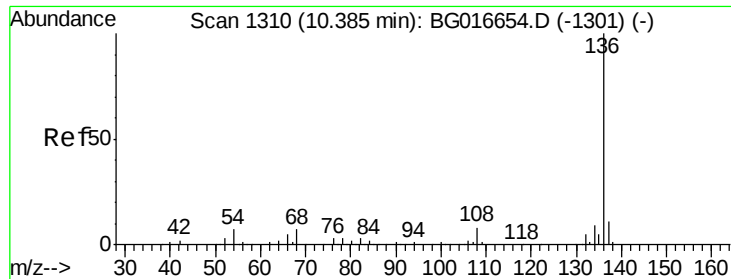
119 242.1 76.3 114.5#

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

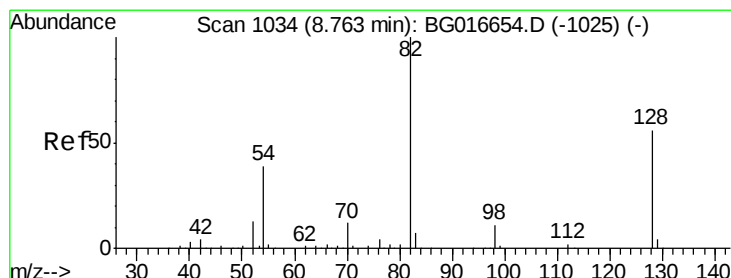
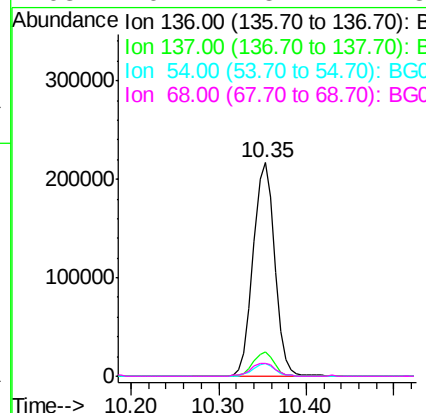
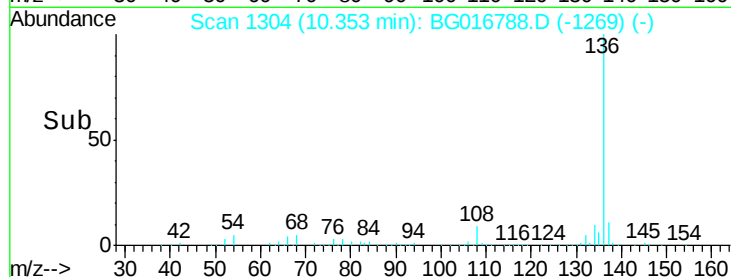
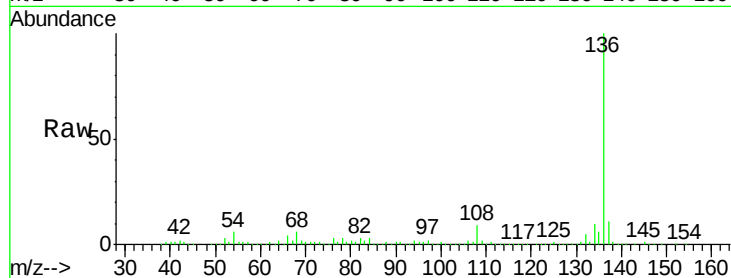




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016788.D
Acq: 29 Apr 2015 7:21

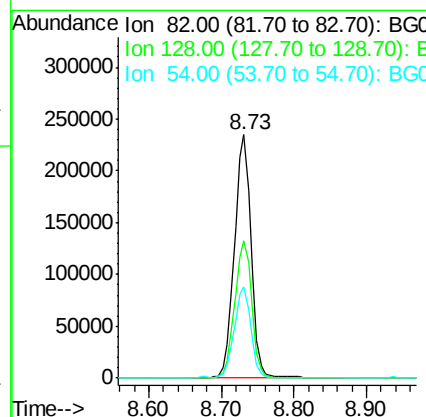
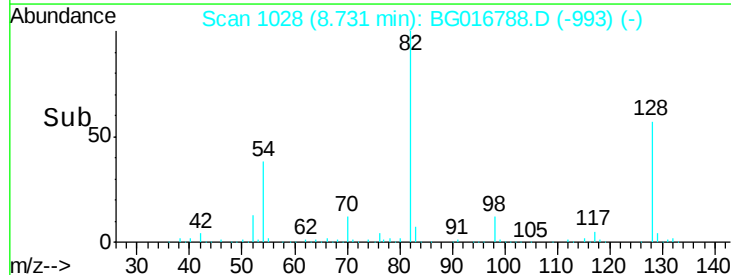
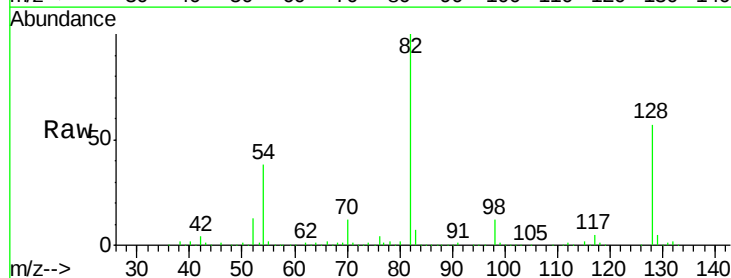
Instrument :
BNA_G
ClientSampleId :
MW-13

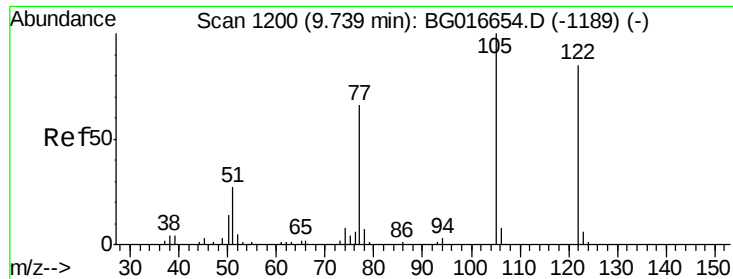
Tgt Ion:	136	Resp:	360089
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	5.9	5.4	8.2
68	6.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 65.43 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG016788.D
Acq: 29 Apr 2015 7:21

Tgt Ion:	82	Resp:	372856
Ion	Ratio	Lower	Upper
82	100		
128	56.5	44.7	67.1
54	37.6	30.9	46.3





#32

Benzoic acid

Concen: 9.06 ng

RT: 9.72 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

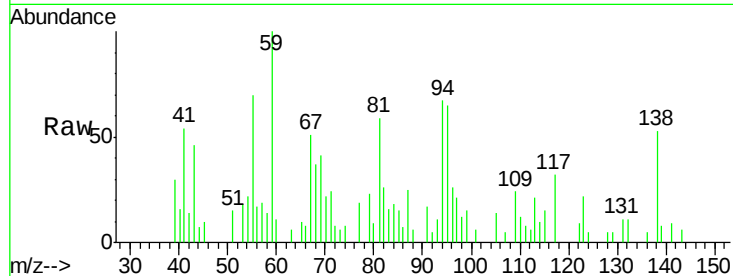
Tgt Ion:122 Resp: 768

Ion Ratio Lower Upper

122 100

105 147.3 97.2 137.2#

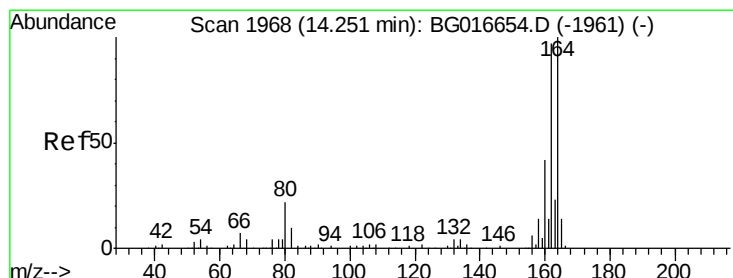
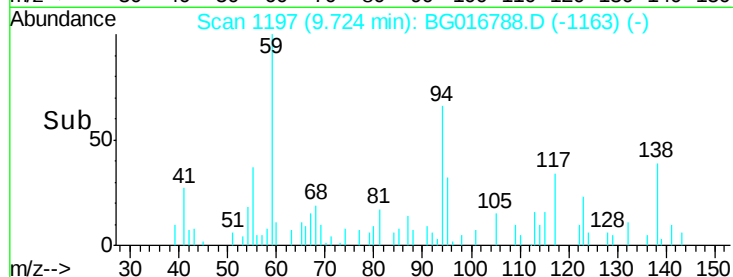
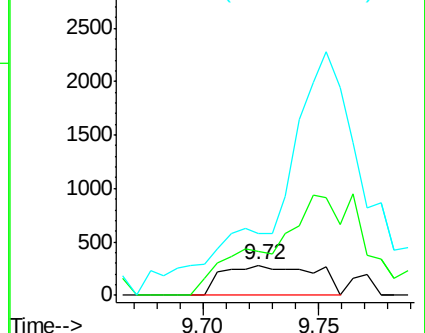
77 203.9 58.4 98.4#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

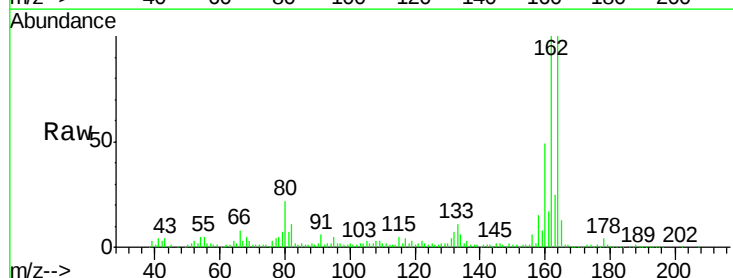
Tgt Ion:164 Resp: 201673

Ion Ratio Lower Upper

164 100

162 99.5 77.3 115.9

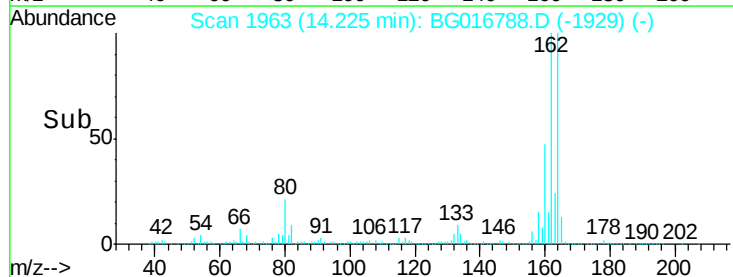
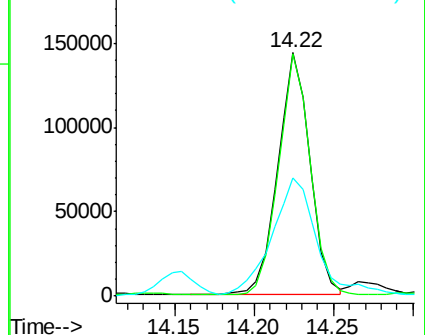
160 48.8 33.7 50.5

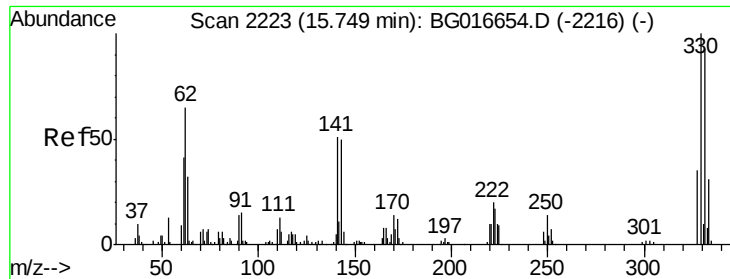


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

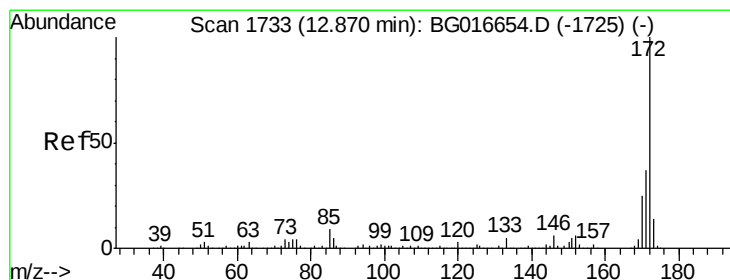
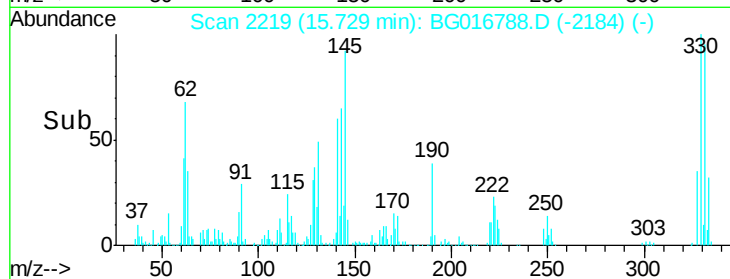
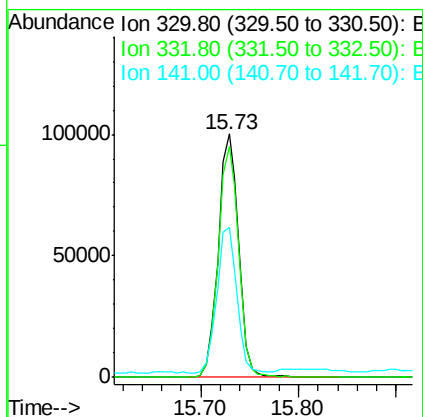
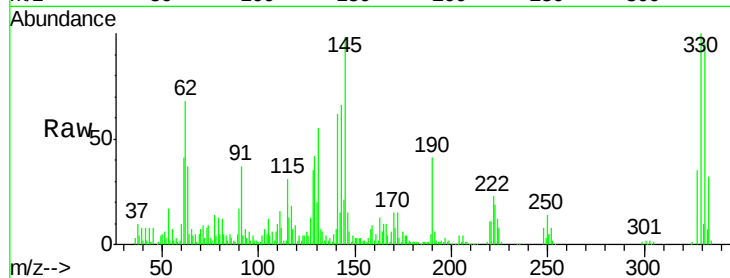




#41
 2,4,6-Tribromophenol
 Concen: 96.22 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG016788.D
 Acq: 29 Apr 2015 7:21

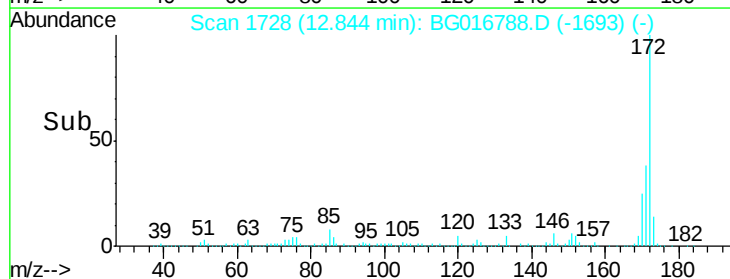
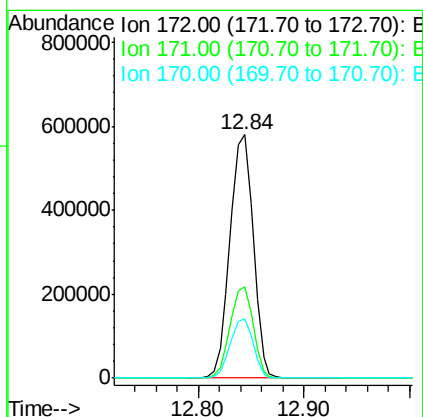
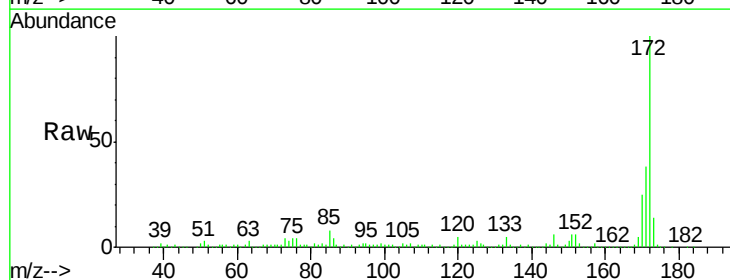
Instrument :
 BNA_G
 ClientSampled :
 MW-13

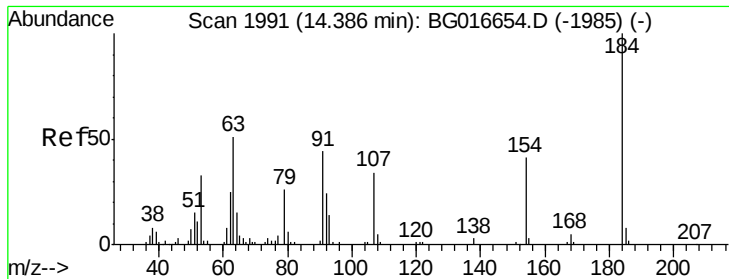
Tgt Ion: 330 Resp: 143955
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 59.3 43.0 64.6



#44
 2-Fluorobiphenyl
 Concen: 70.21 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016788.D
 Acq: 29 Apr 2015 7:21

Tgt Ion: 172 Resp: 881277
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.9 44.9
 170 24.6 19.8 29.8





#53

2,4-Dinitrophenol

Concen: 7.64 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

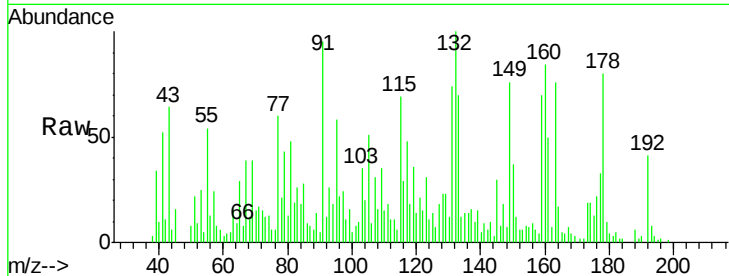
Tgt Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

63 860.6 40.7 61.1#

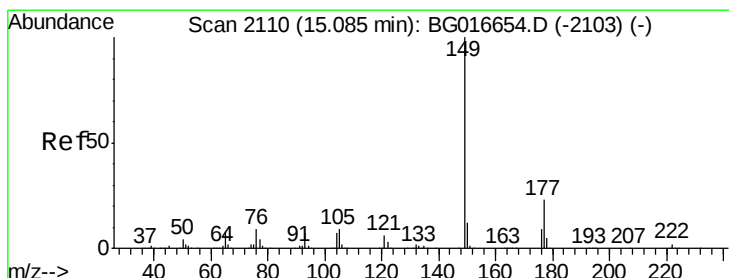
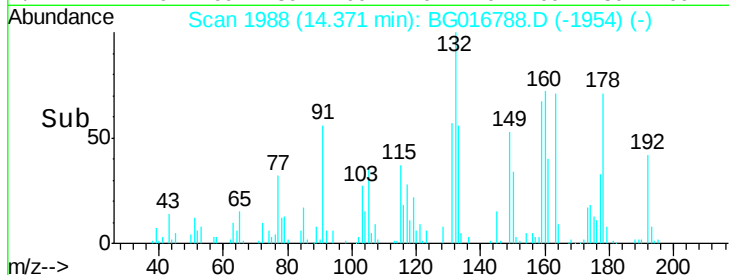
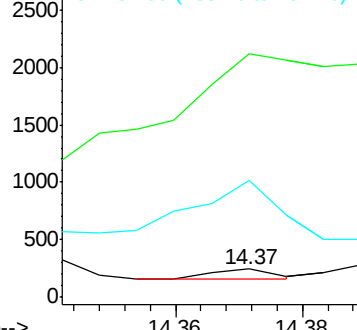
154 413.8 34.1 51.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG016654.D (-1985) (-)

Ion 154.00 (153.70 to 154.70): E



#59

Diethylphthalate

Concen: 2.23 ng

RT: 15.08 min Scan# 2109

Delta R.T. 0.02 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

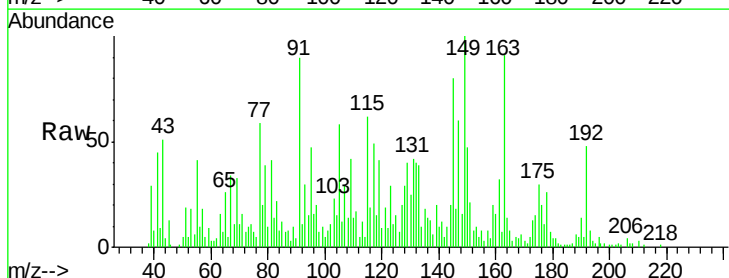
Tgt Ion:149 Resp: 35009

Ion Ratio Lower Upper

149 100

177 10.9 18.2 27.2#

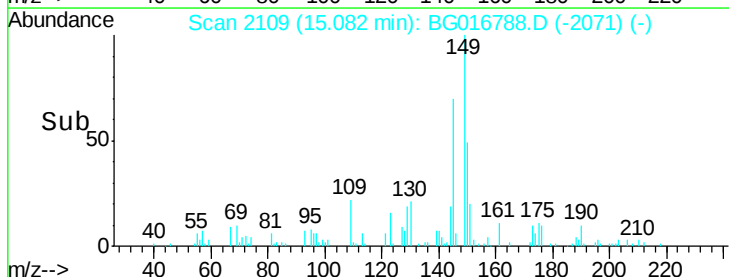
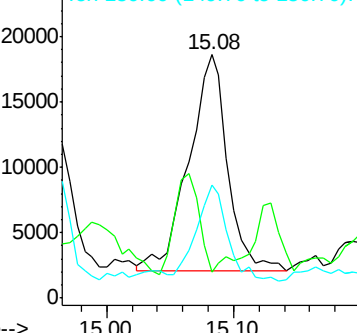
150 46.7 9.8 14.8#

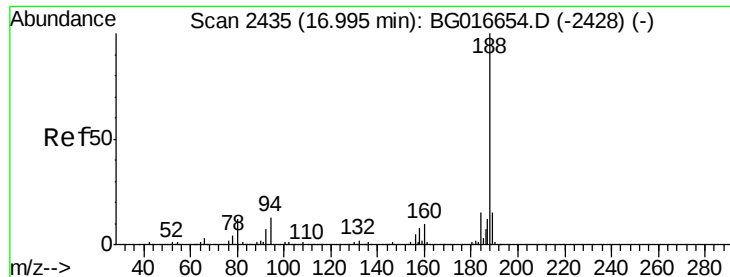


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

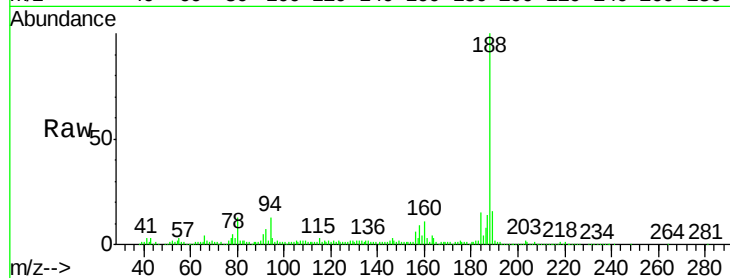




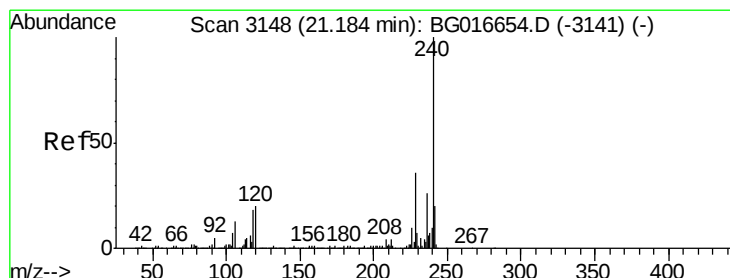
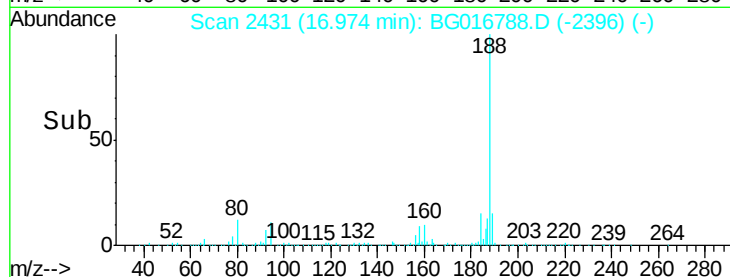
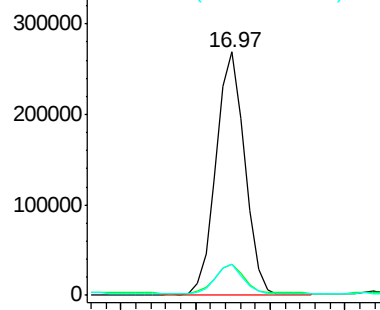
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG016788.D
Acq: 29 Apr 2015 7:21

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:188 Resp: 356439
Ion Ratio Lower Upper
188 100
94 12.5 10.7 16.1
80 12.7 9.9 14.9

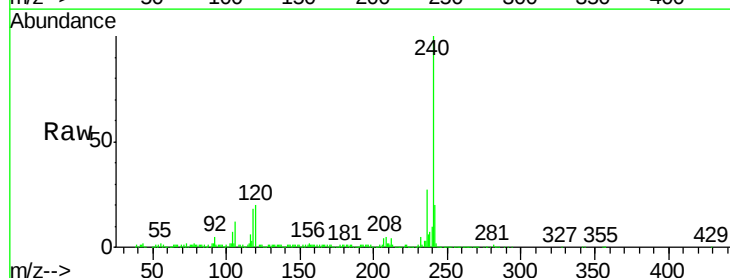


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

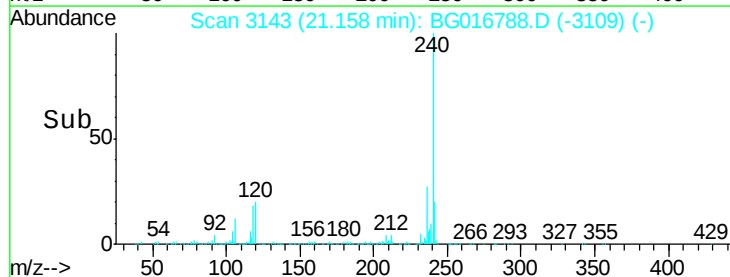
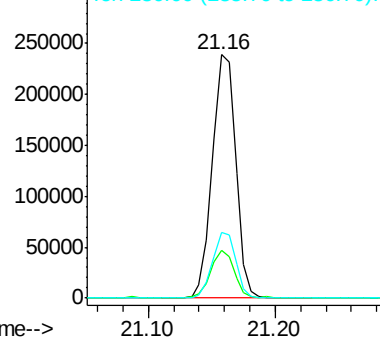


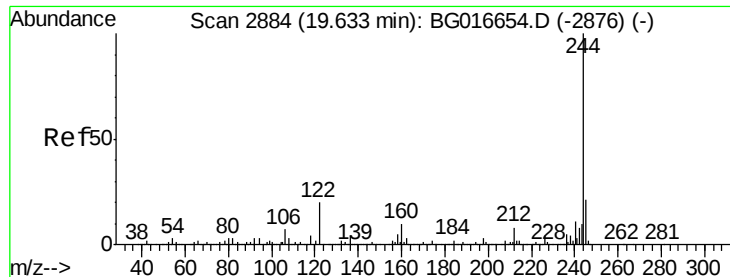
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016788.D
Acq: 29 Apr 2015 7:21

Tgt Ion:240 Resp: 305312
Ion Ratio Lower Upper
240 100
120 19.8 16.3 24.5
236 27.0 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: 56.44 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

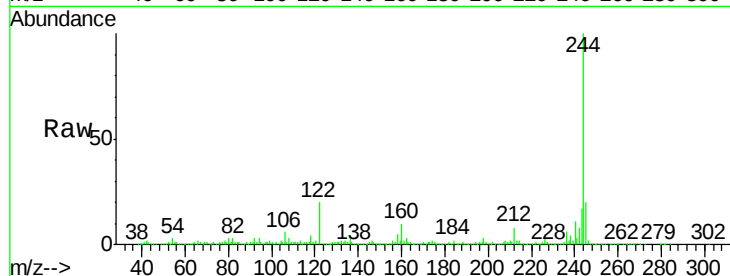
Tgt Ion:244 Resp: 748087

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

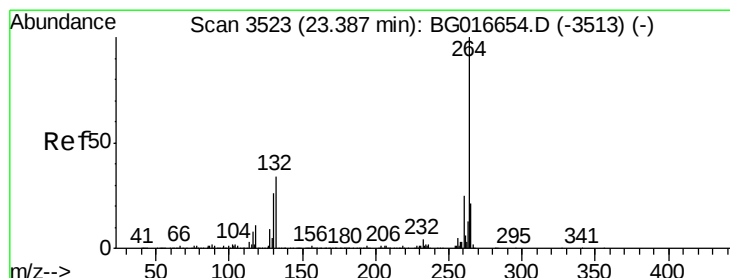
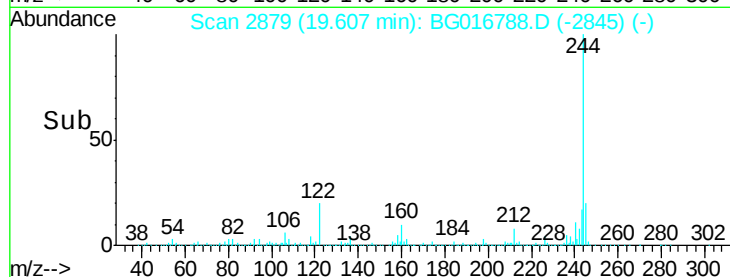
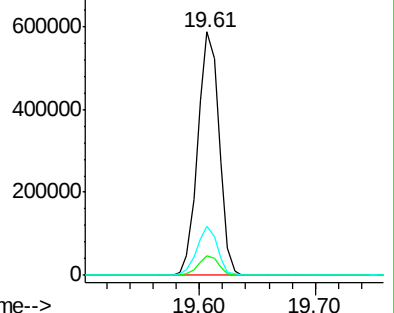
122 19.9 15.9 23.9



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: 23.36 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

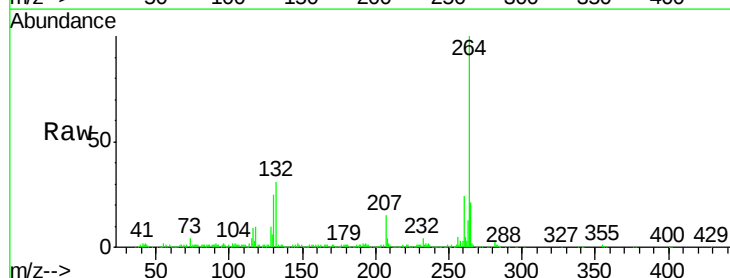
Tgt Ion:264 Resp: 294707

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 21.4 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

