

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016717.D
 Acq On : 25 Apr 2015 14:47
 Operator : TP/IZ
 Sample : G1988-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Quant Time: Apr 27 01:41:19 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

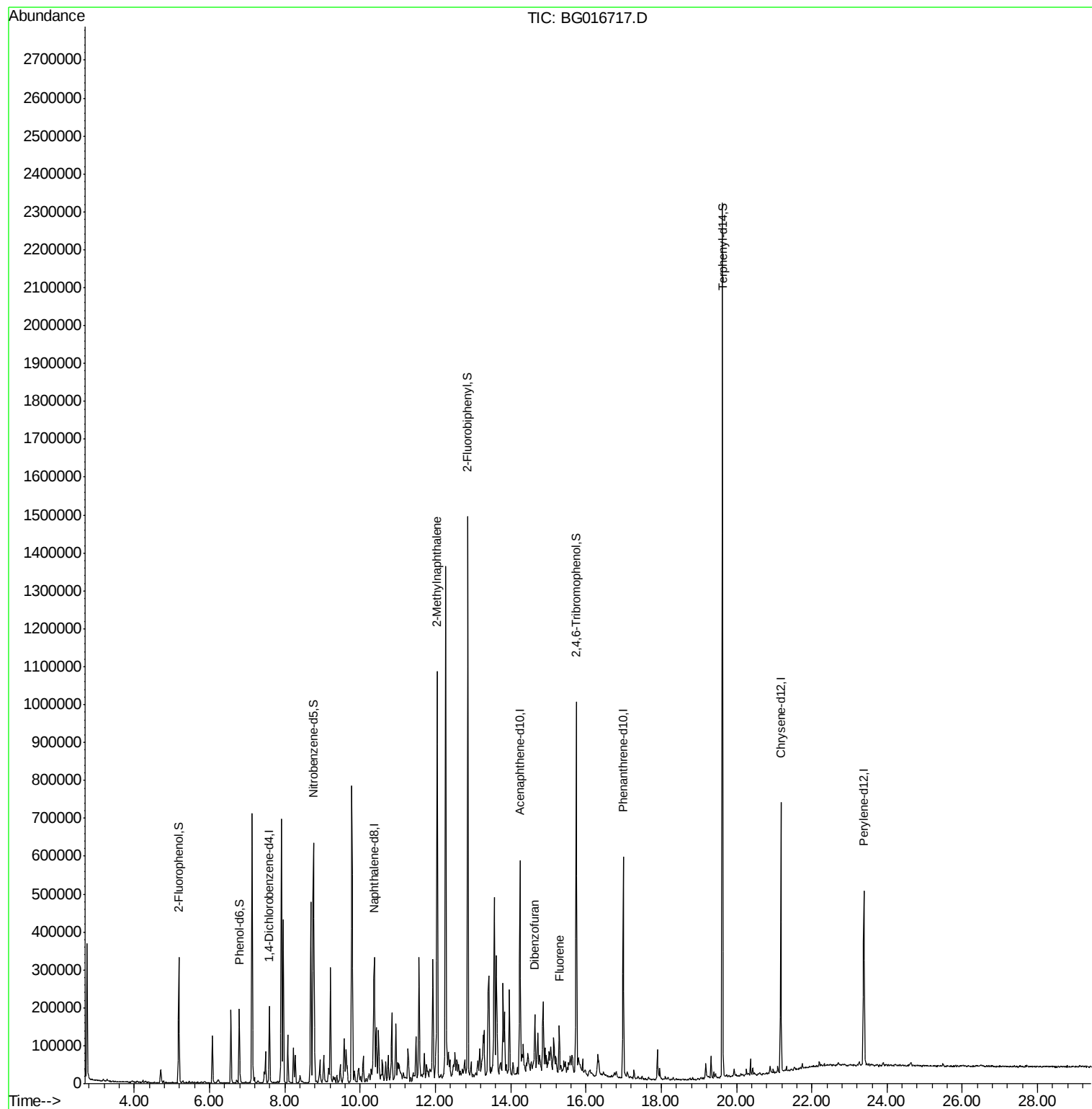
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	56192	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	240374	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	164521	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	305633	20.00	ng	0.00
75) Chrysene-d12	21.18	240	290992	20.00	ng	0.00
86) Perylene-d12	23.38	264	272498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	162991	47.07	ng	0.00
7) Phenol-d6	6.79	99	132720	27.32	ng	0.00
23) Nitrobenzene-d5	8.75	82	303236	79.71	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	134909	110.54	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	728592	71.15	ng	0.00
78) Terphenyl-d14	19.63	244	880090	69.67	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.05	142	543042	59.32	ng	Qvalue 99
54) Dibenzofuran	14.65	168	59603	4.05	ng	# 97
57) Fluorene	15.29	166	42553	3.31	ng	96

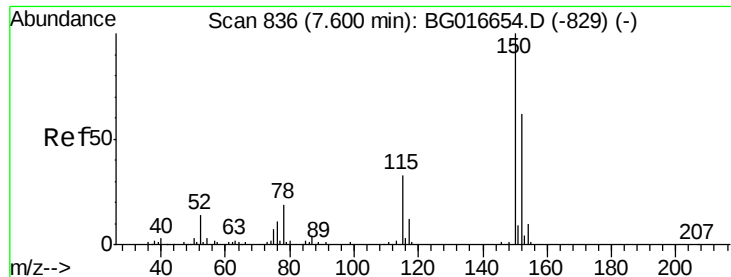
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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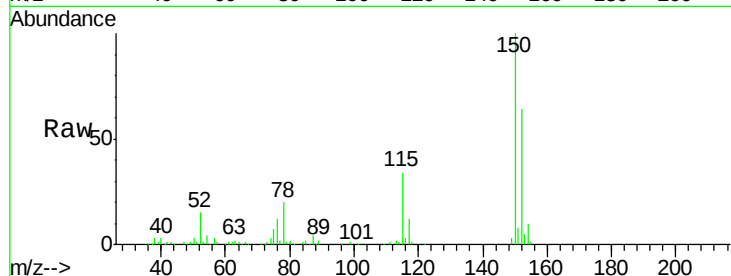


#1

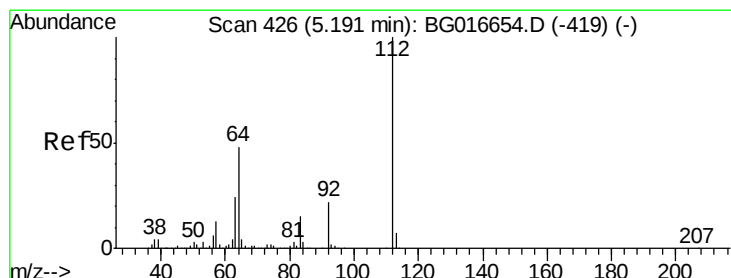
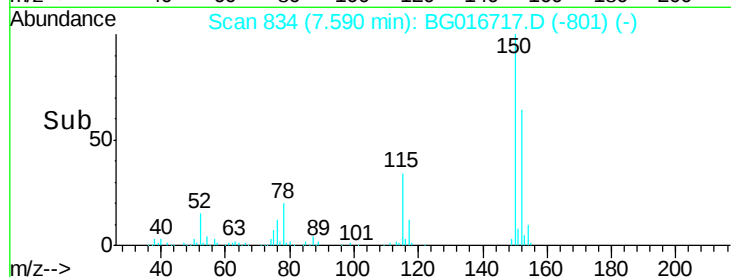
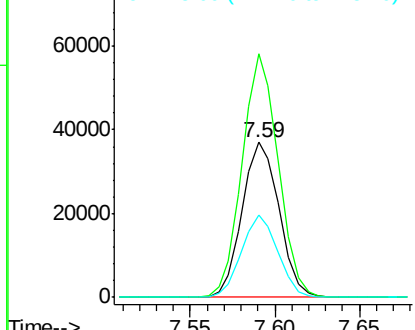
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.6	194.4
115	53.3	43.0	64.6



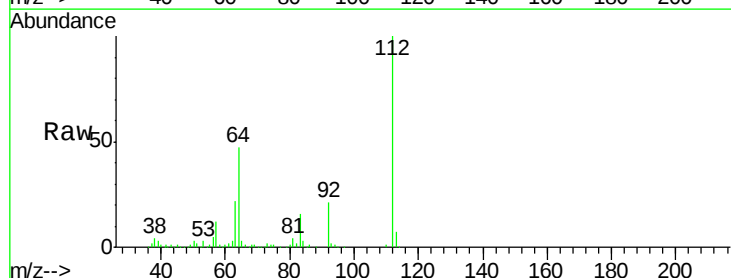
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



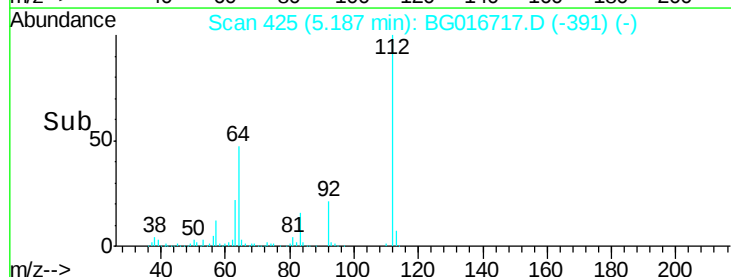
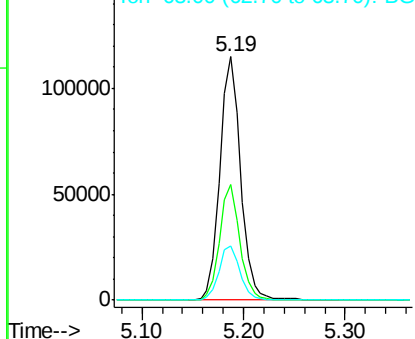
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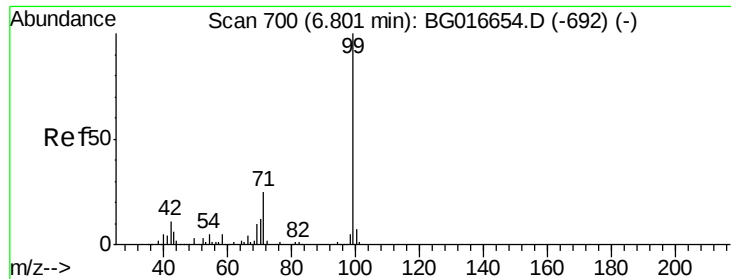
2-Fluorophenol
Concen: 47.07 ng
RT: 5.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	38.3	57.5
63	22.3	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: 27.32 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

Instrument :

BNA_G

ClientSampled :

MW-20

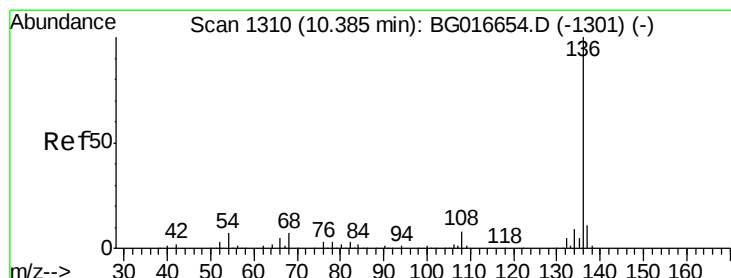
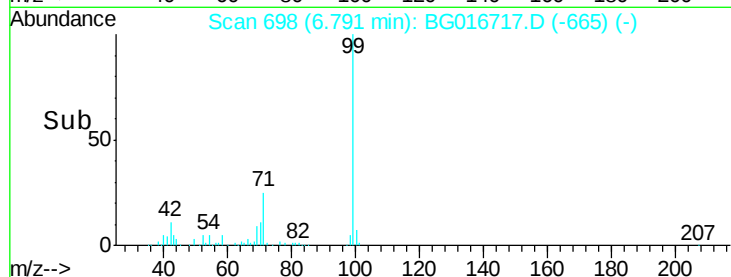
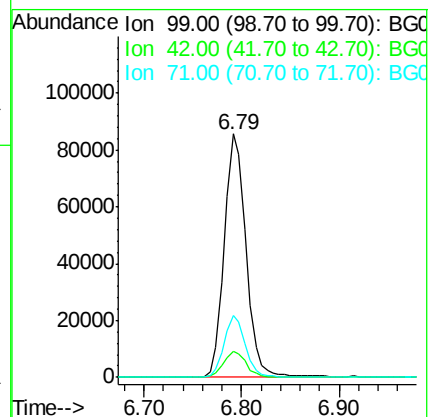
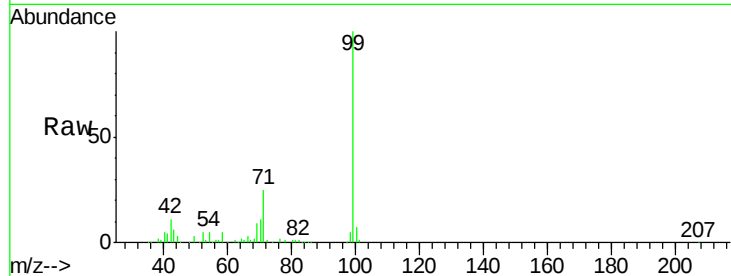
Tot Ion: 99 Resp: 132720

Ion Ratio Lower Upper

99 100

42 10.9 8.8 13.2

71 25.2 19.9 29.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

Tgt Ion: 136 Resp: 240374

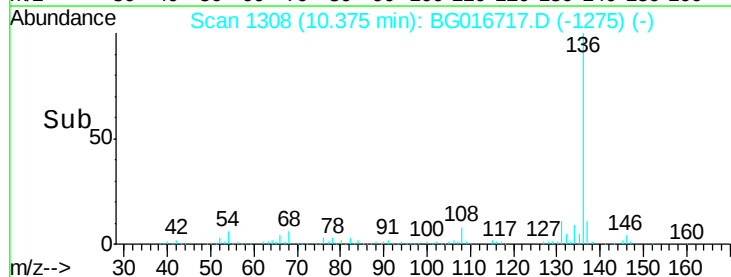
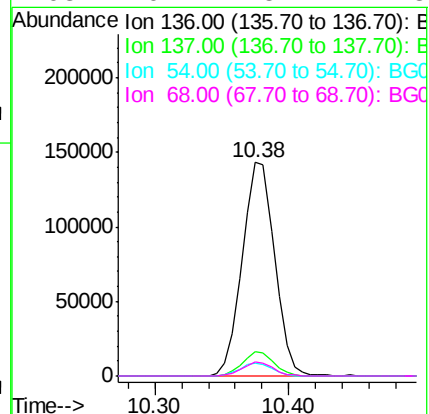
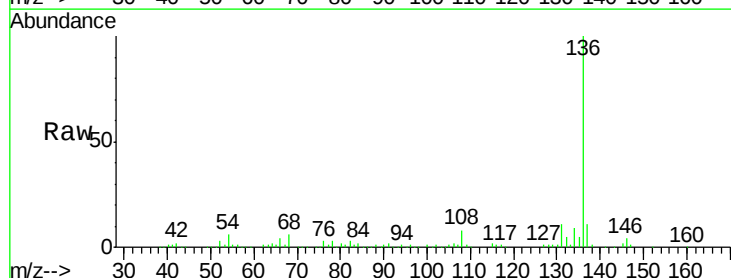
Ion Ratio Lower Upper

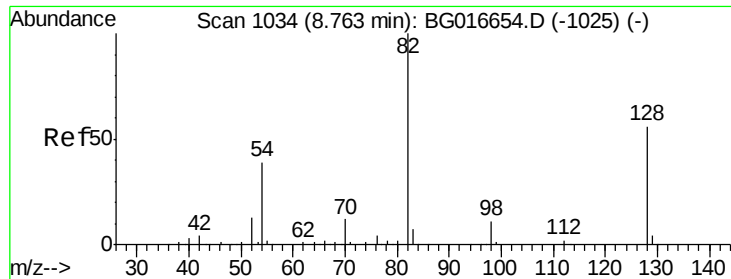
136 100

137 11.2 8.5 12.7

54 6.3 5.4 8.2

68 6.4 5.2 7.8

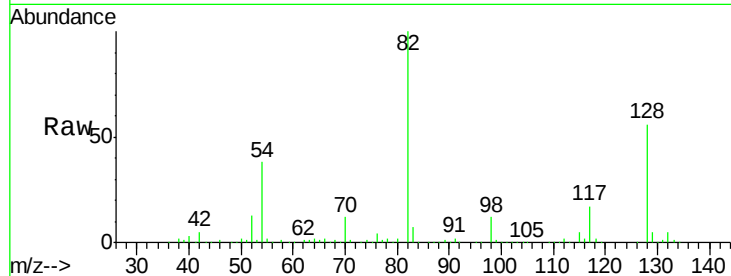




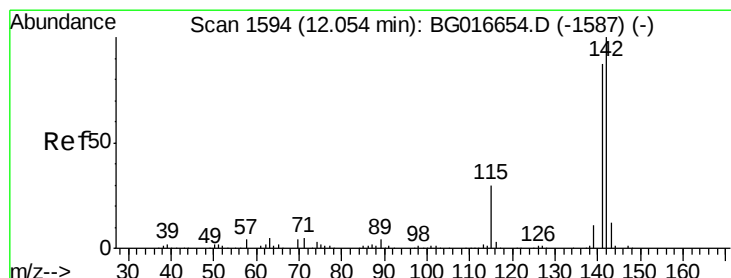
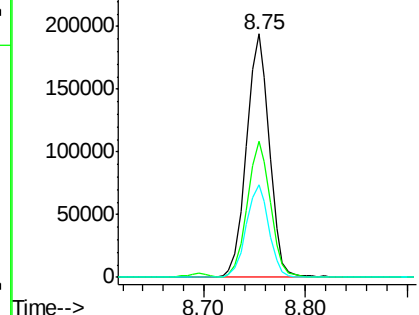
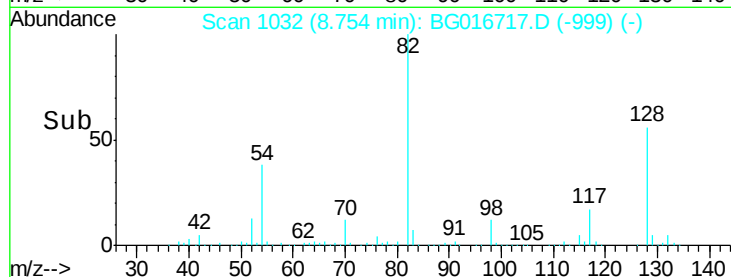
#23
 Nitrobenzene-d5
 Concen: 79.71 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Tot Ion	82	Resp	303236
Ion Ratio	Lower	Upper	
82	100		
128	56.2	44.7	67.1
54	38.2	30.9	46.3

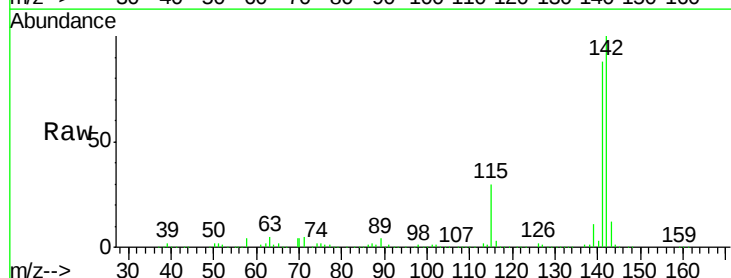


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

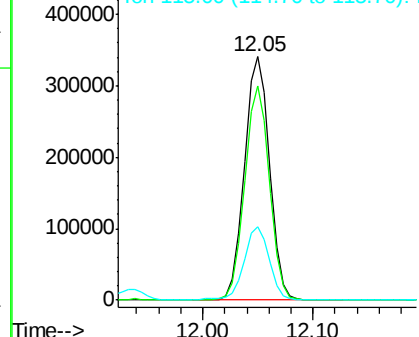
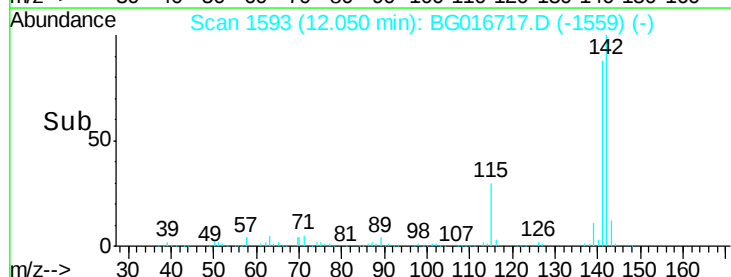


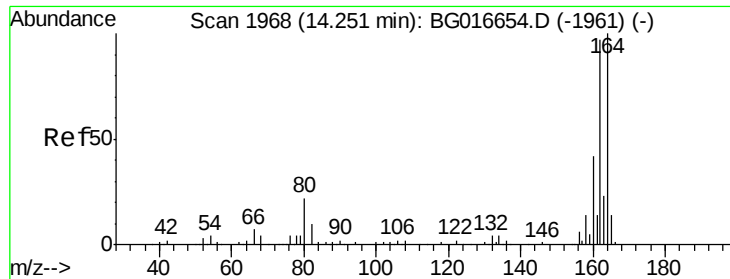
#37
 2-Methylnaphthalene
 Concen: 59.32 ng
 RT: 12.05 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Tgt Ion	142	Resp	543042
Ion Ratio	Lower	Upper	
142	100		
141	87.9	69.9	104.9
115	30.3	24.0	36.0



Abundance Ion 142.00 (141.70 to 142.70): BGC
 Ion 141.00 (140.70 to 141.70): BGC
 Ion 115.00 (114.70 to 115.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

Instrument :

BNA_G

ClientSampleId :

MW-20

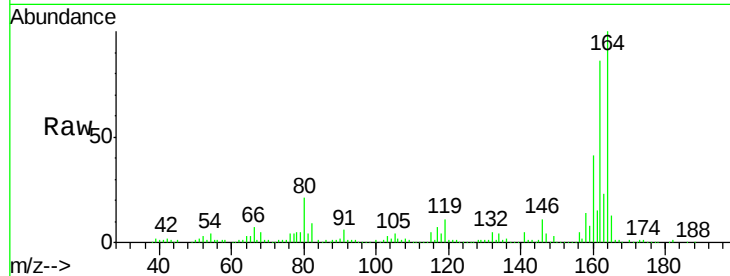
Tot Ion:164 Resp: 164521

Ion Ratio Lower Upper

164 100

162 85.8 77.3 115.9

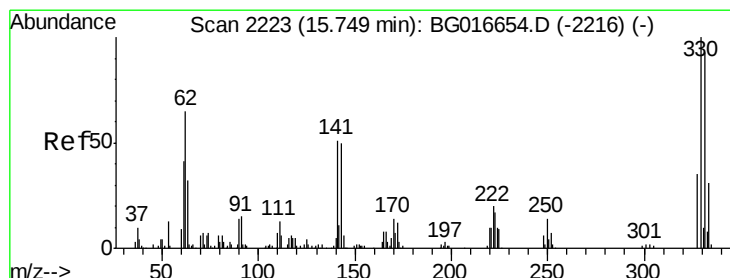
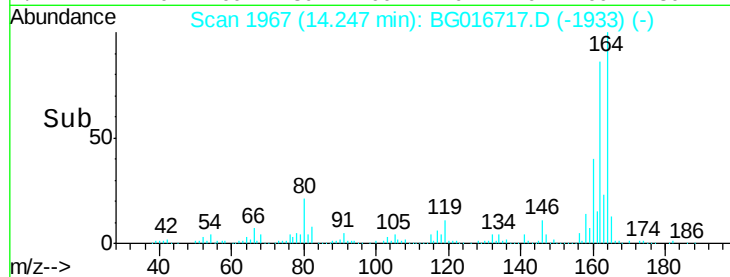
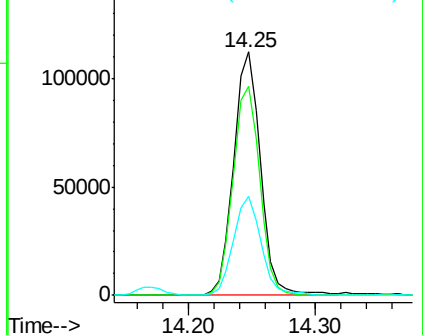
160 40.7 33.7 50.5



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: 110.54 ng

RT: 15.74 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG016717.D

Acq: 25 Apr 2015 14:47

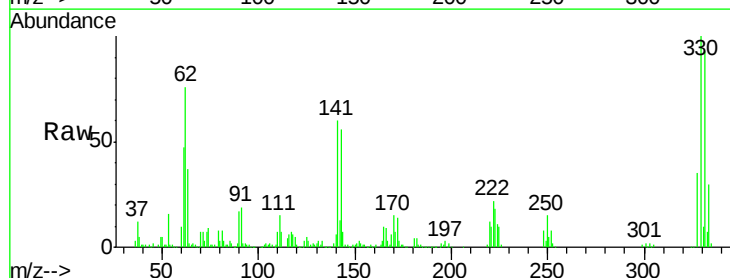
Tgt Ion:330 Resp: 134909

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

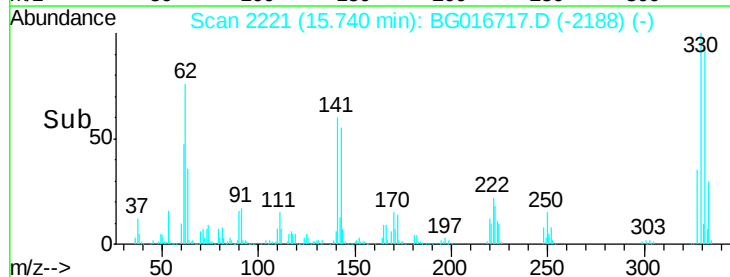
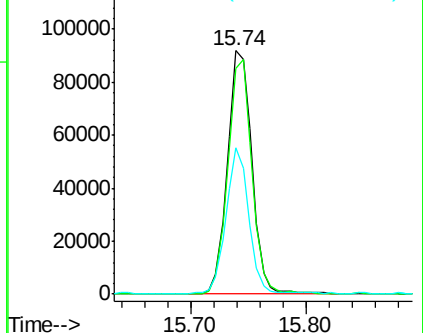
141 57.1 43.0 64.6

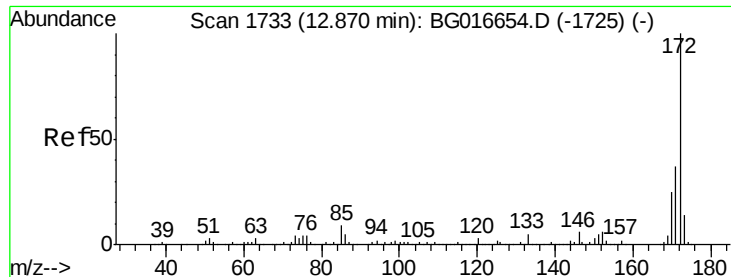


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

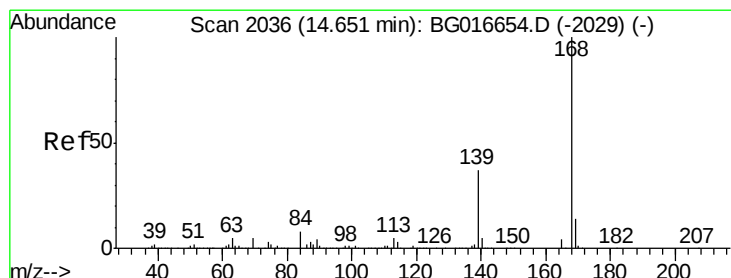
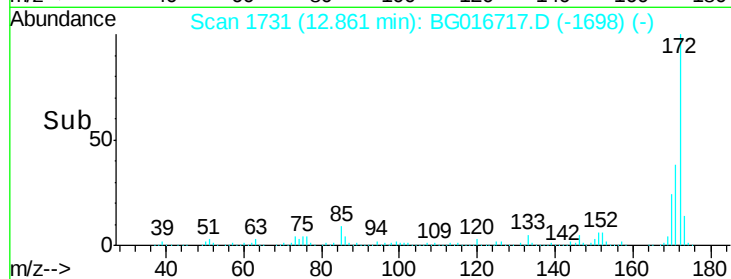
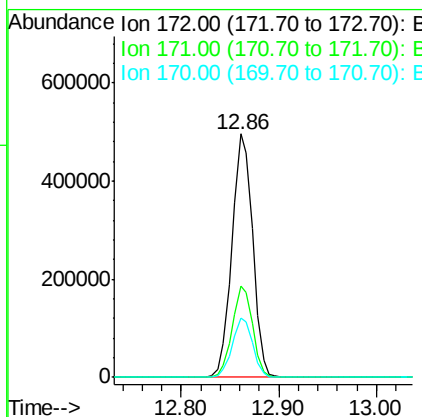
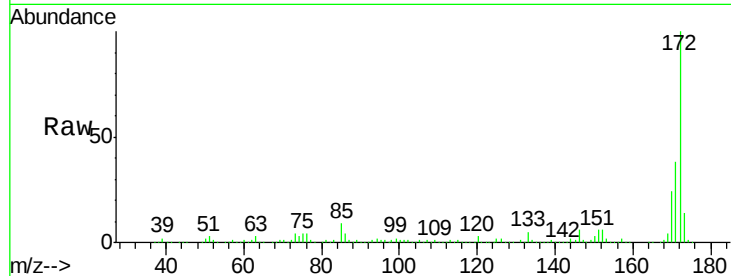




#44
2-Fluorobiphenyl
Concen: 71.15 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

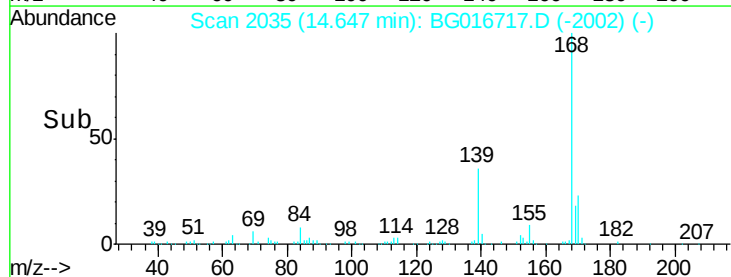
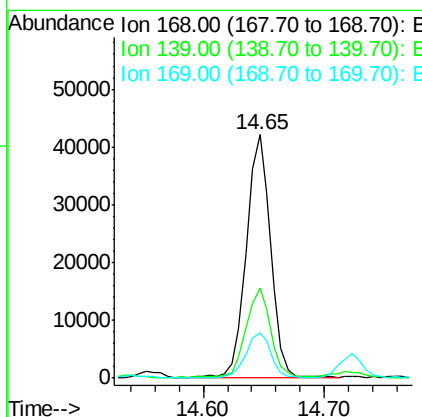
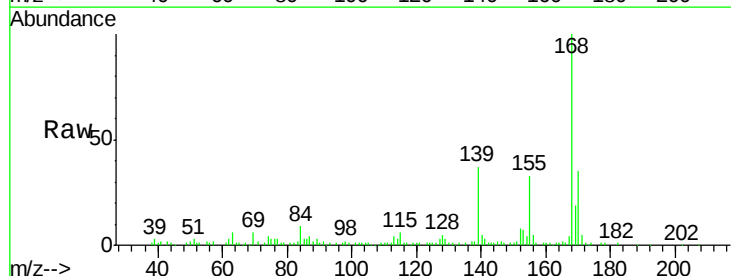
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ClientSampleId :
MW-20

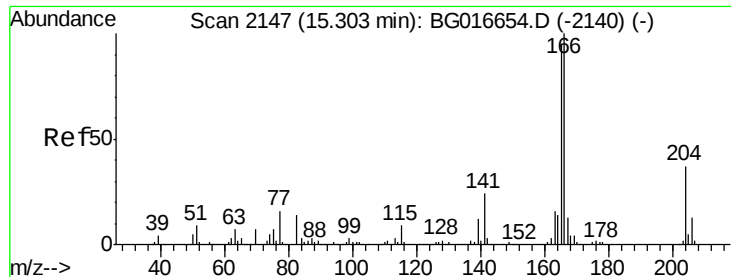
Tot Ion:172 Resp: 728592
Ion Ratio Lower Upper
172 100
171 37.5 29.9 44.9
170 24.3 19.8 29.8



#54
Dibenzofuran
Concen: 4.05 ng
RT: 14.65 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:168 Resp: 59603
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 18.7 11.0 16.4#

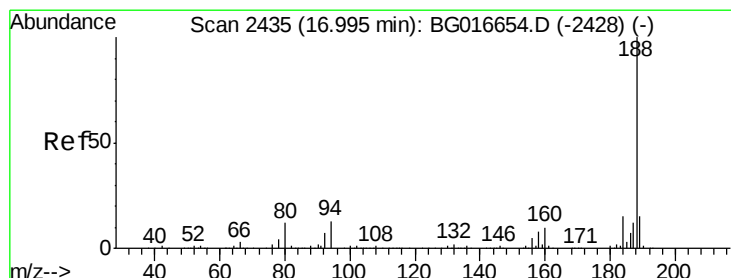
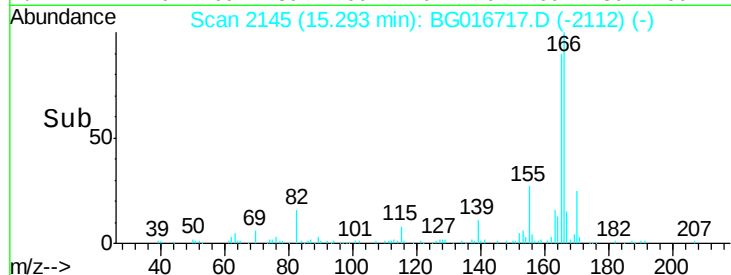
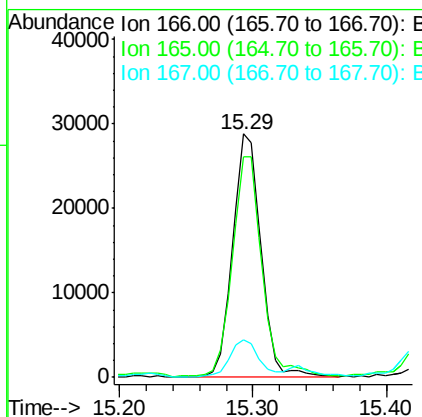
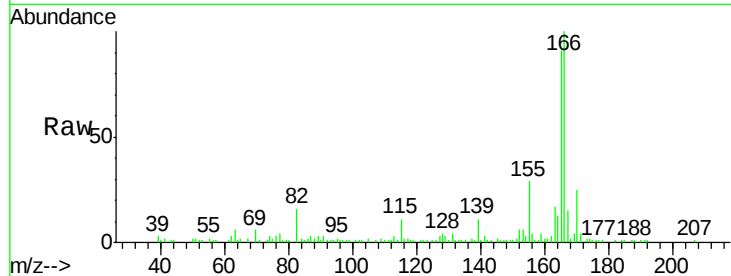




#57
 Fluorene
 Concen: 3.31 ng
 RT: 15.29 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

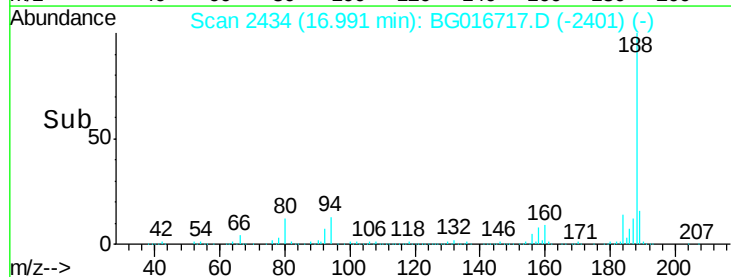
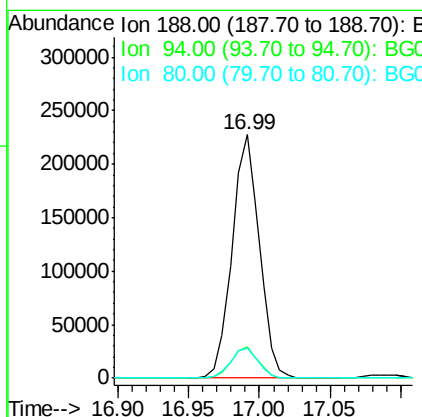
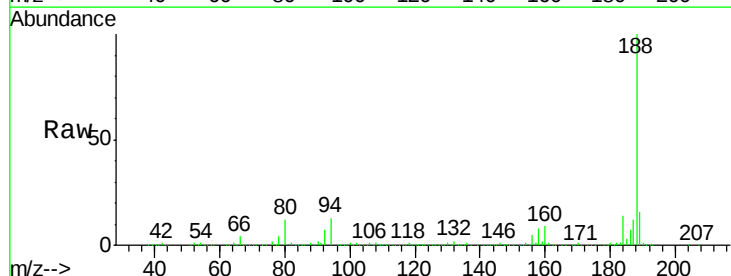
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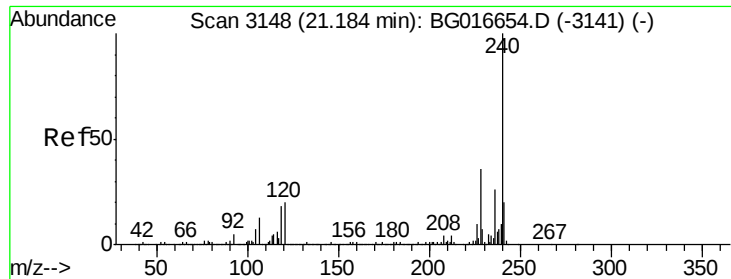
Tot Ion:166 Resp: 42553
 Ion Ratio Lower Upper
 166 100
 165 90.6 75.6 113.4
 167 15.5 10.7 16.1



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.99 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Tgt Ion:188 Resp: 305633
 Ion Ratio Lower Upper
 188 100
 94 12.7 10.7 16.1
 80 12.1 9.9 14.9

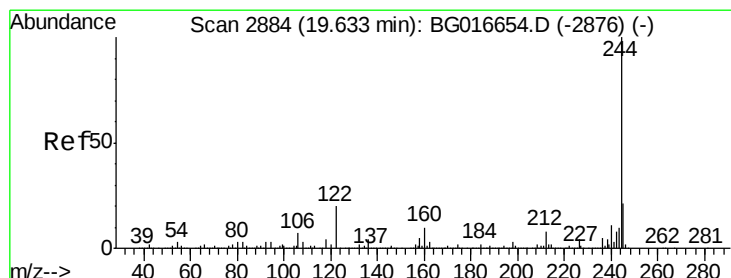
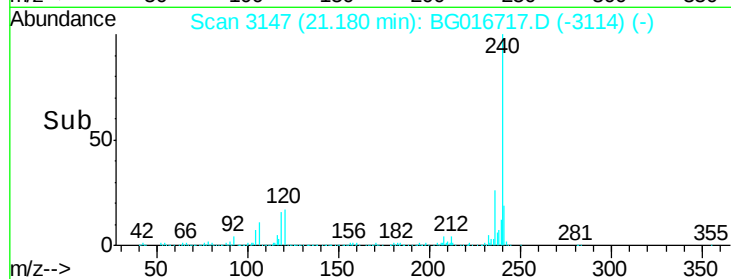
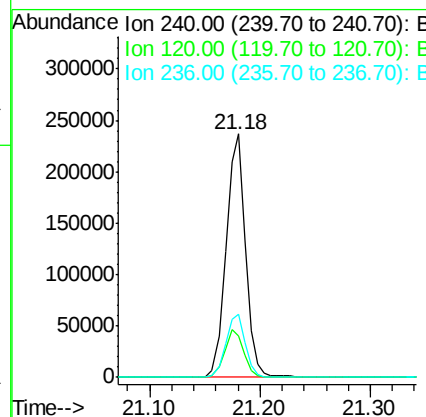
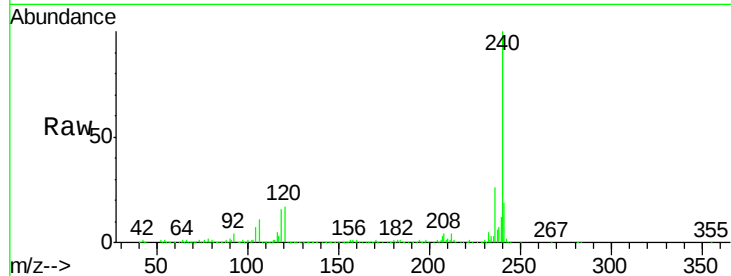




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

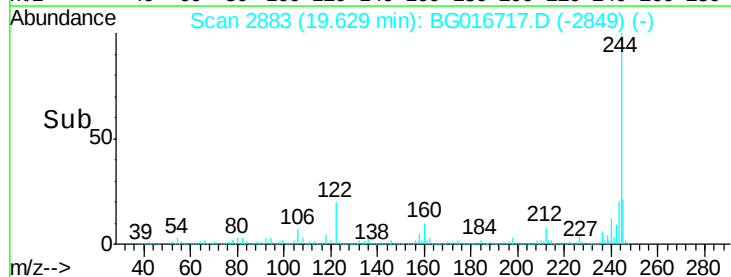
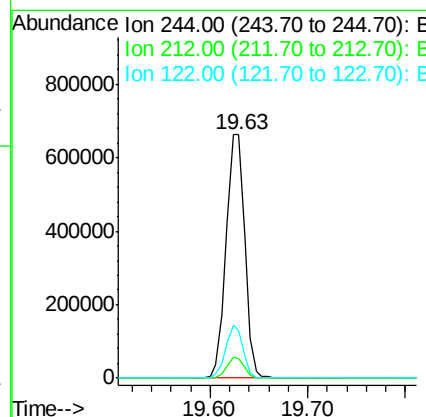
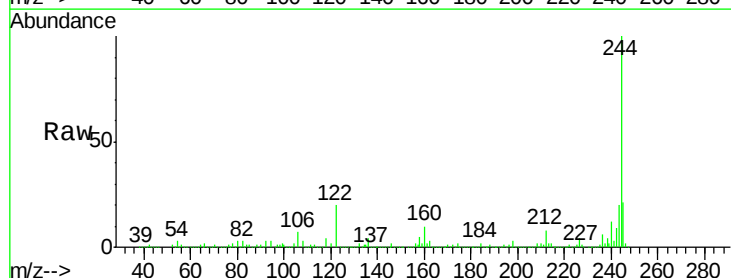
Instrument :
 BNA_G
 ClientSampleId :
 MW-20

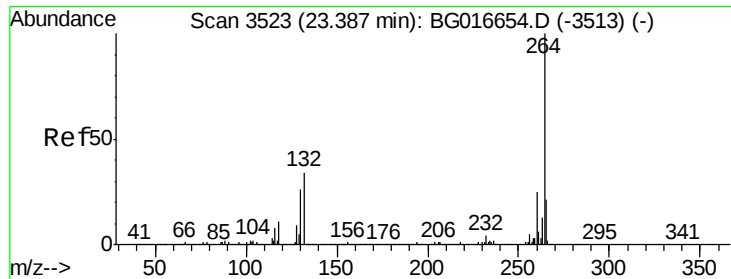
Tot Ion	Ratio	Lower	Upper
240	100		
120	17.2	16.3	24.5
236	25.7	21.1	31.7



#78
 Terphenyl-d14
 Concen: 69.67 ng
 RT: 19.63 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG016717.D
 Acq: 25 Apr 2015 14:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	19.5	15.9	23.9

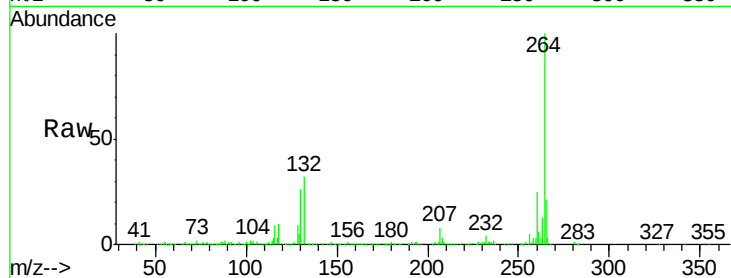




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.1	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

