

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017052.D
 Acq On : 11 May 2015 14:32
 Operator : TP/IZ
 Sample : G2171-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615DL

Quant Time: May 12 04:15:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

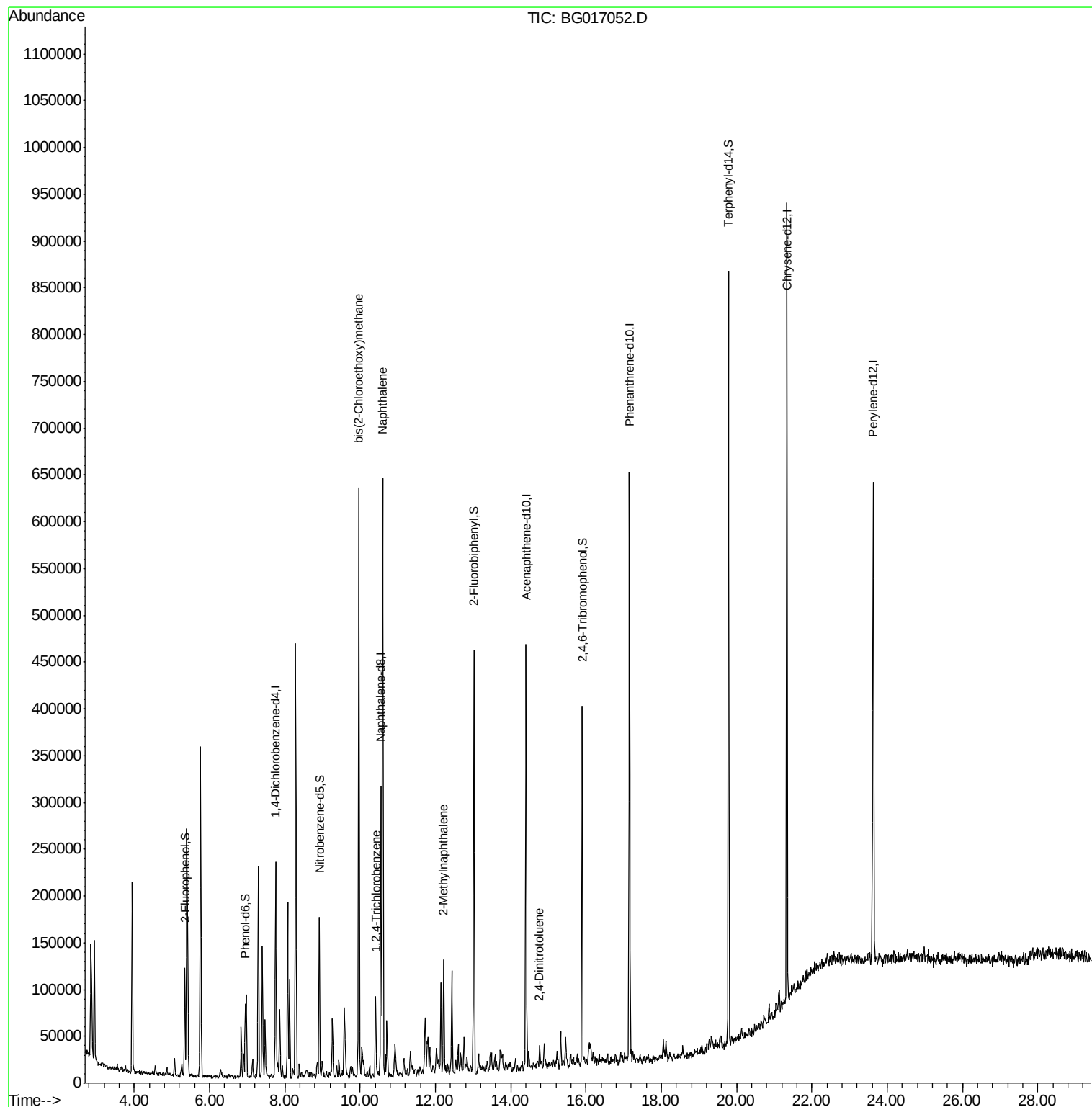
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	53075	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	227140	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	144865	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	337905	20.00	ng	0.00
75) Chrysene-d12	21.34	240	376717	20.00	ng	0.00
86) Perylene-d12	23.63	264	357333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	41569	13.64	ng	0.00
7) Phenol-d6	6.95	99	34414	7.90	ng	0.00
23) Nitrobenzene-d5	8.92	82	88076	18.94	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	53434	36.74	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	194029	20.21	ng	0.00
78) Terphenyl-d14	19.78	244	328273	20.43	ng	0.00
Target Compounds						
28) bis(2-Chloroethoxy)methane	9.97	93	20332	4.29	ng	Qvalue # 1
30) 1,2,4-Trichlorobenzene	10.41	180	24843	7.17	ng	89
31) Naphthalene	10.60	128	460417	40.75	ng	99
32) Benzoic acid	9.83	122	98	Below Cal	#	1
37) 2-Methylnaphthalene	12.22	142	49331	5.73	ng	92
56) 2,4-Dinitrotoluene	14.77	165	5828	2.03	ng	# 87

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

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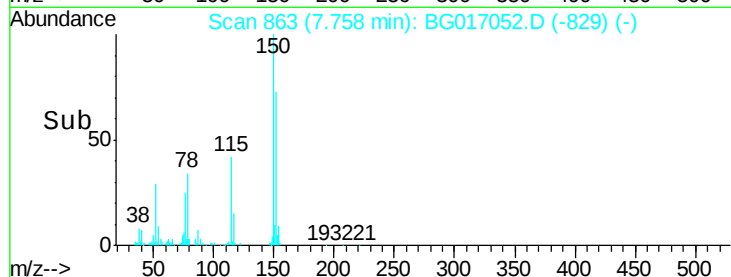
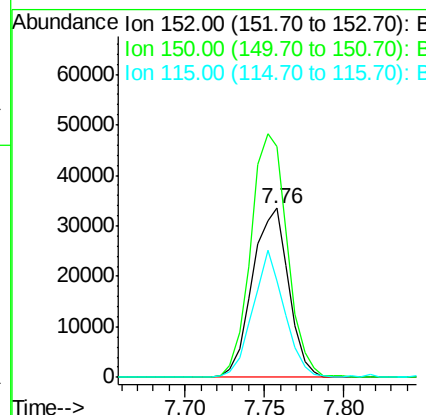
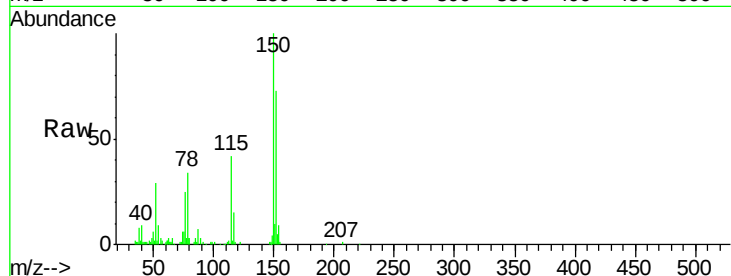


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615DL

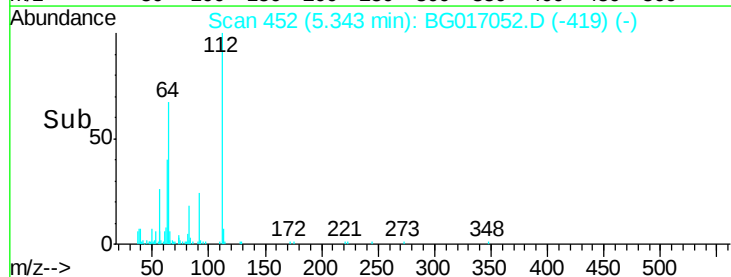
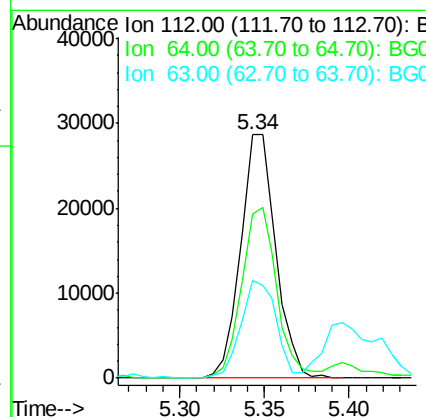
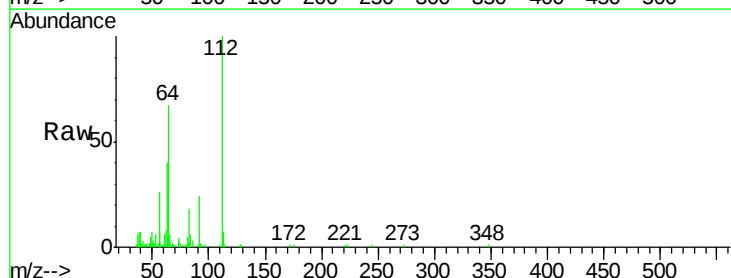
Tgt Ion:152 Resp: 53075
Ion Ratio Lower Upper
152 100
150 136.3 121.0 181.4
115 56.8 50.5 75.7

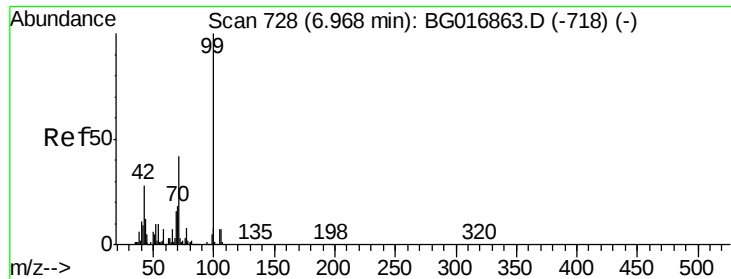


#5

2-Fluorophenol
Concen: 13.64 ng
RT: 5.34 min Scan# 452
Delta R.T. -0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Tgt Ion:112 Resp: 41569
Ion Ratio Lower Upper
112 100
64 67.3 51.4 77.2
63 40.1 28.1 42.1





#7

Phenol-d6

Concen: 7.90 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615DL

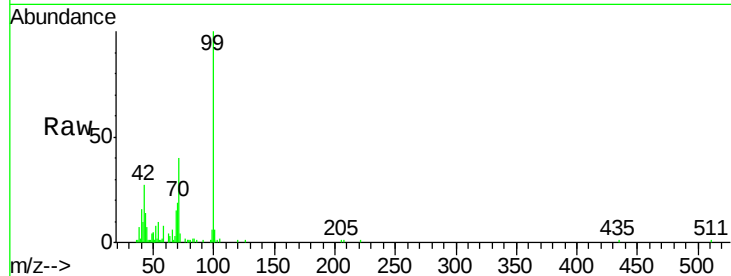
Tgt Ion: 99 Resp: 34414

Ion Ratio Lower Upper

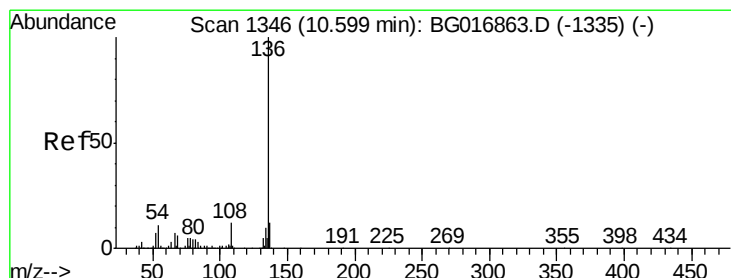
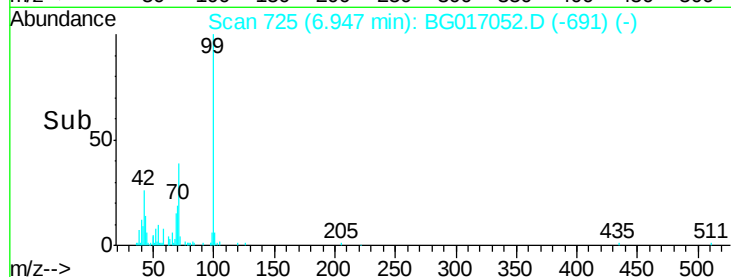
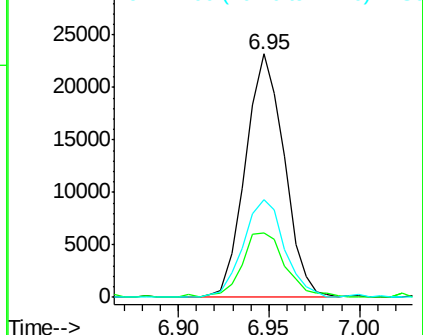
99 100

42 26.7 22.1 33.1

71 40.3 33.4 50.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Tgt Ion: 136 Resp: 227140

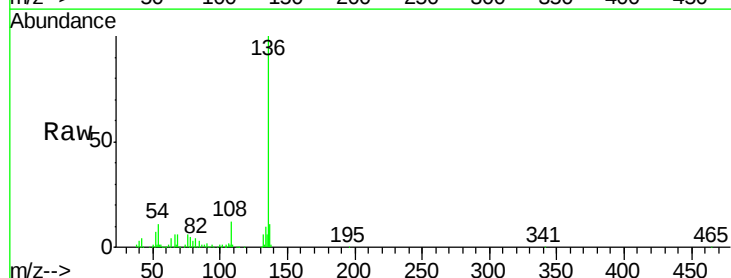
Ion Ratio Lower Upper

136 100

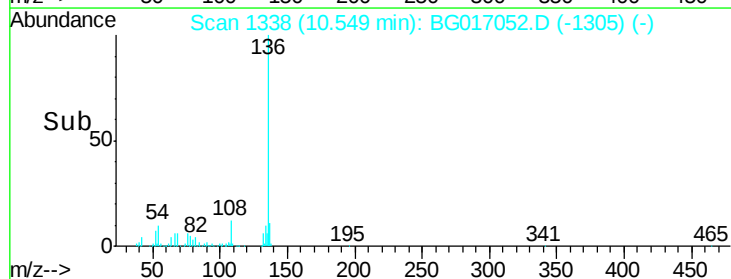
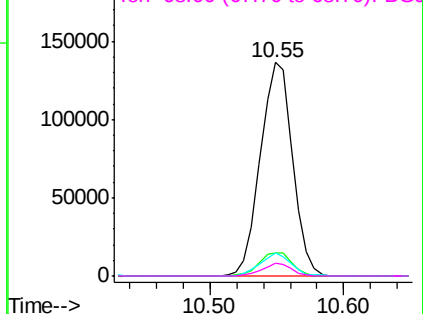
137 10.9 9.8 14.8

54 10.6 8.7 13.1

68 5.7 5.0 7.4



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

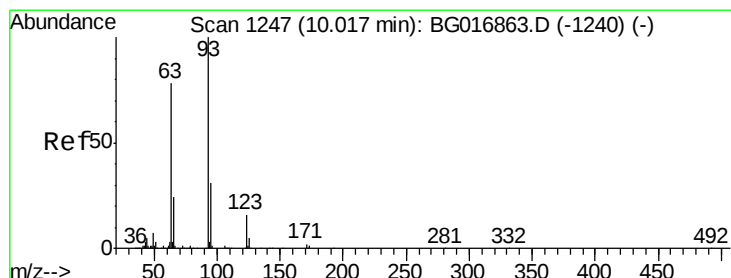
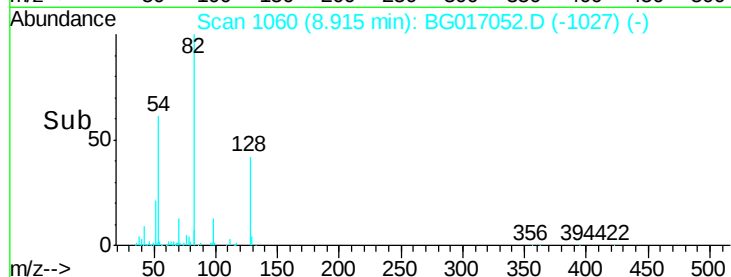
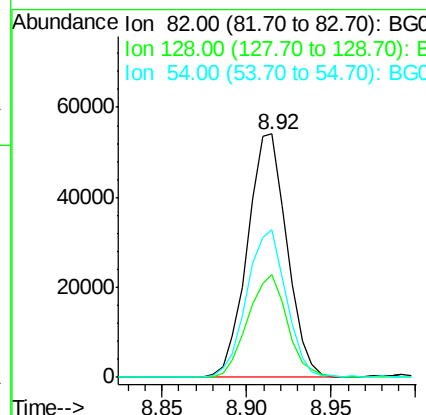
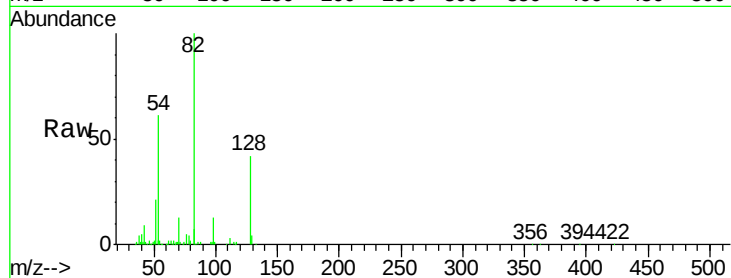




#23
 Nitrobenzene-d5
 Concen: 18.94 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

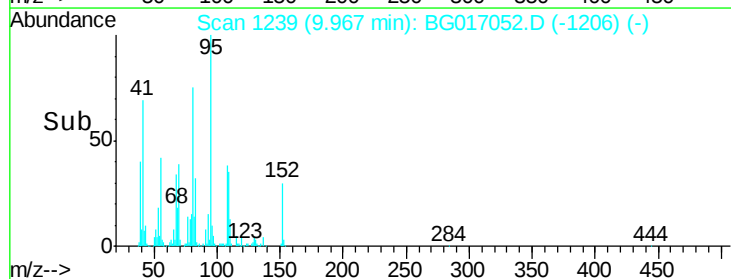
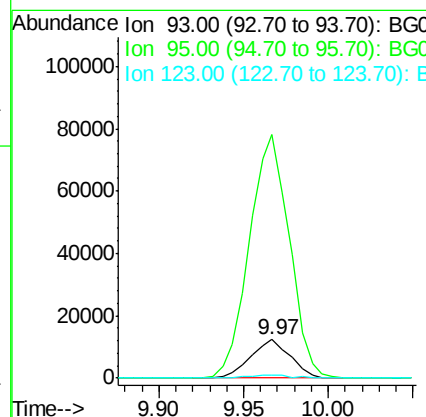
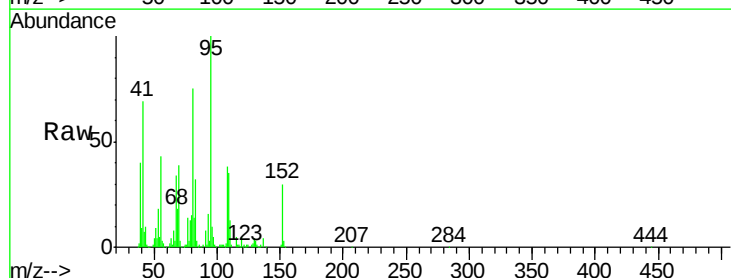
Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615DL

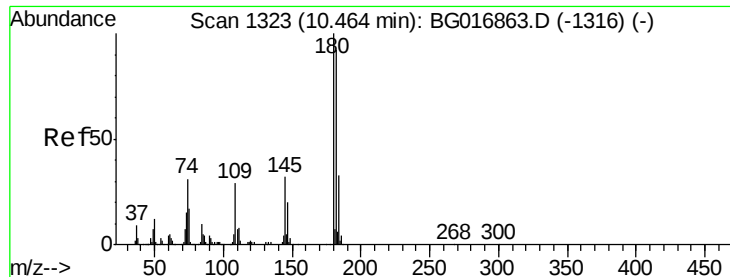
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.2	49.8
54	60.8	48.6	72.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.29 ng
 RT: 9.97 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	632.3	24.8	37.2#
123	7.6	12.6	19.0#

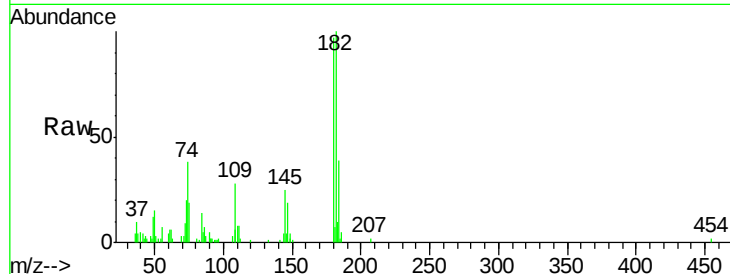




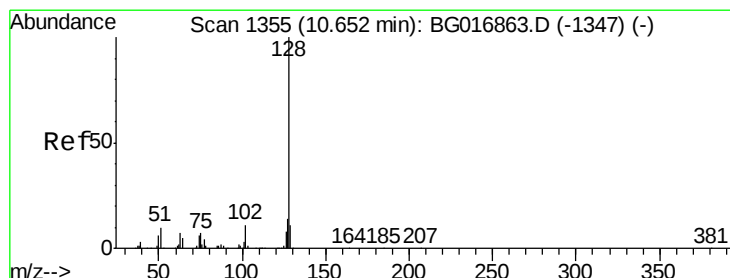
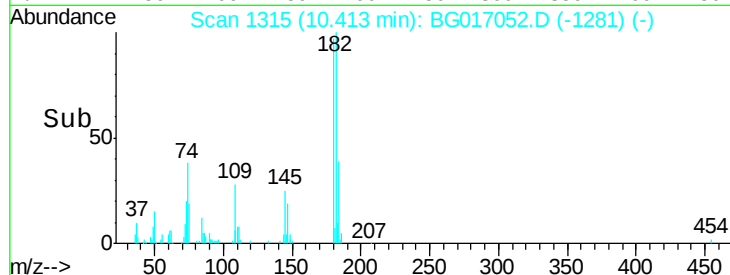
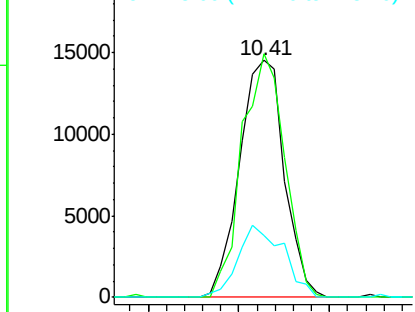
#30
 1,2,4-Trichlorobenzene
 Concen: 7.17 ng
 RT: 10.41 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.7	73.8	110.8
145	26.1	25.4	38.0

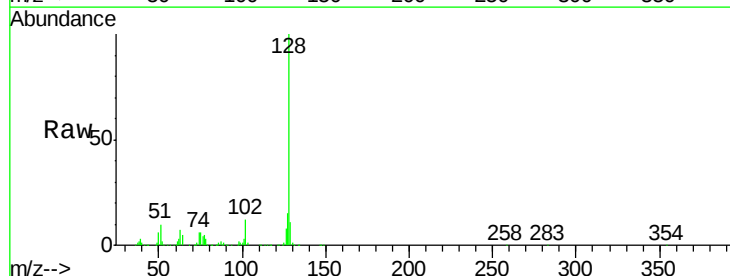


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

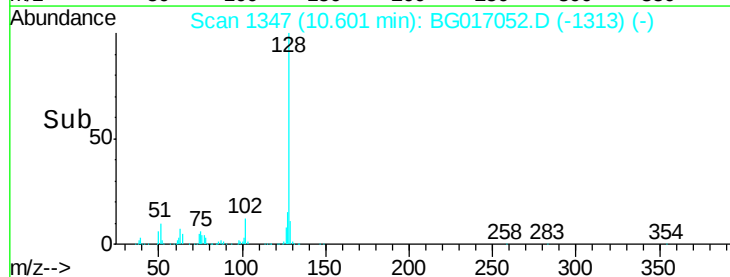
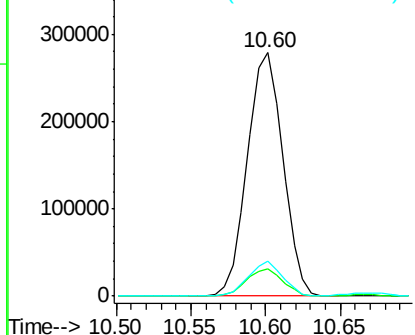


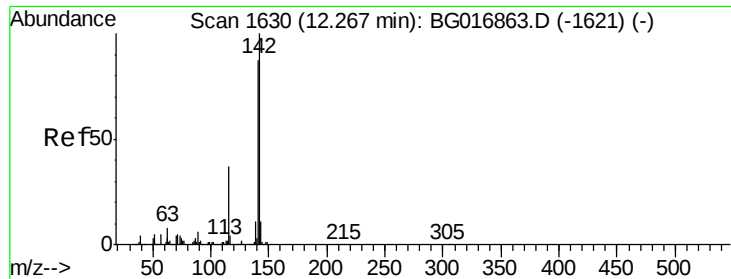
#31
 Naphthalene
 Concen: 40.75 ng
 RT: 10.60 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	14.6	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

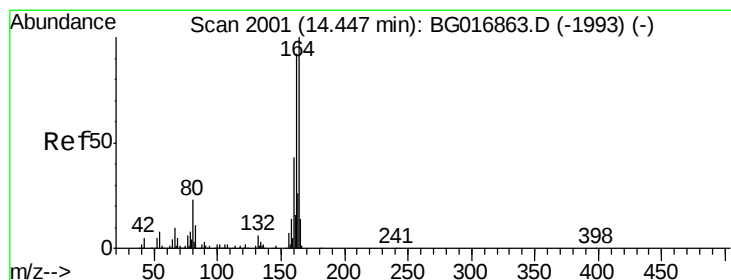
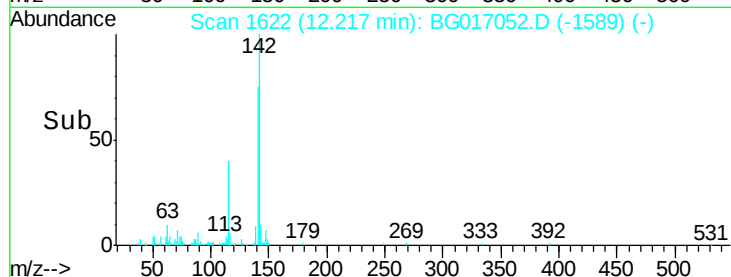
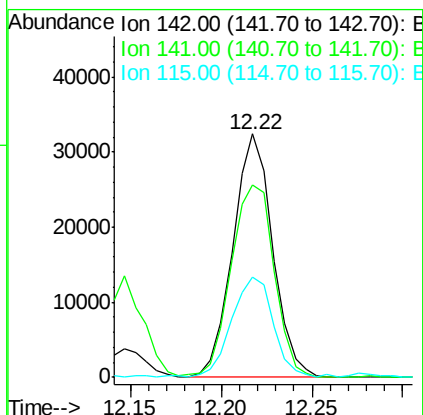
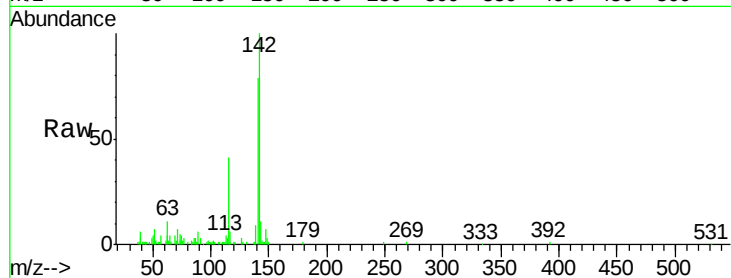




#37
 2-Methylnaphthalene
 Concen: 5.73 ng
 RT: 12.22 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

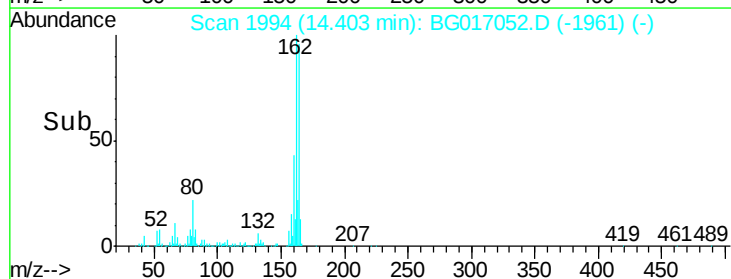
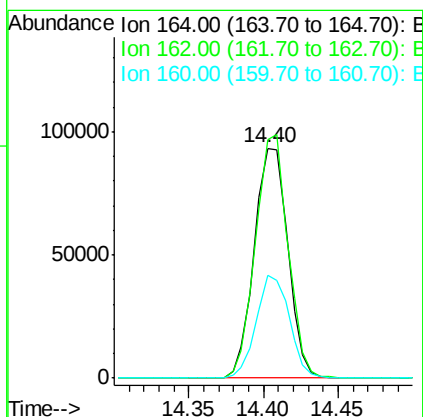
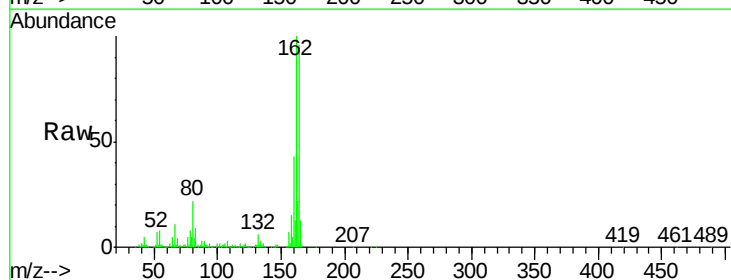
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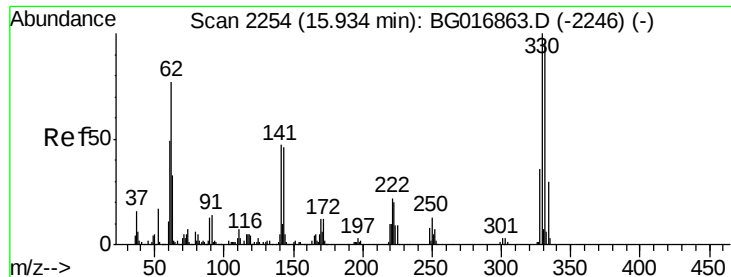
Tgt Ion:142 Resp: 49331
 Ion Ratio Lower Upper
 142 100
 141 78.9 69.9 104.9
 115 41.0 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

Tgt Ion:164 Resp: 144865
 Ion Ratio Lower Upper
 164 100
 162 103.9 74.0 111.0
 160 45.0 34.7 52.1

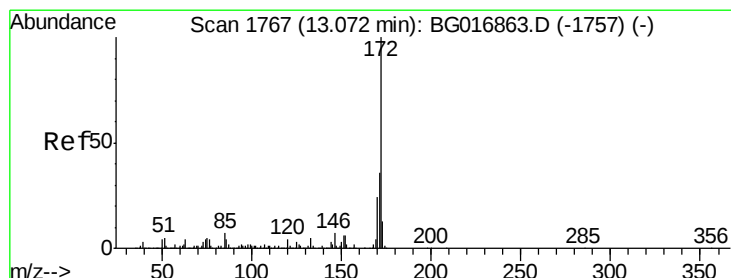
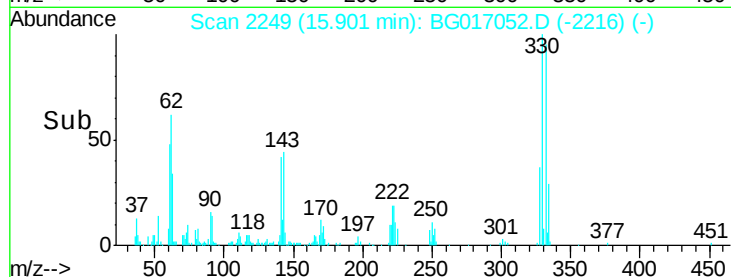
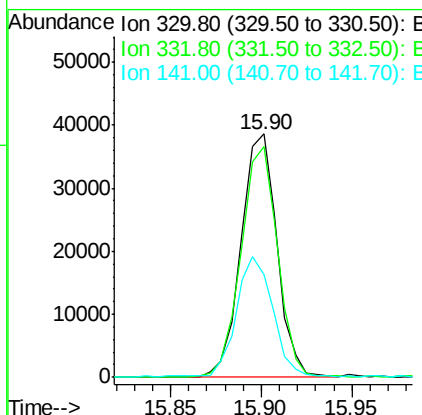
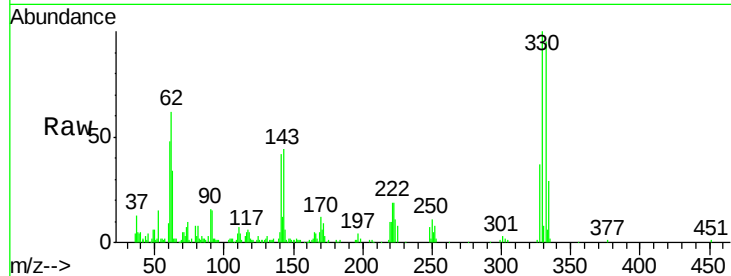




#41
 2,4,6-Tribromophenol
 Concen: 36.74 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

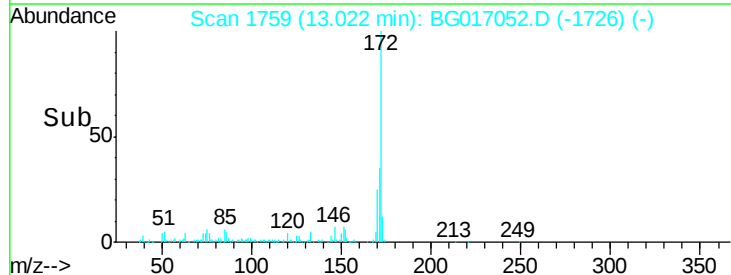
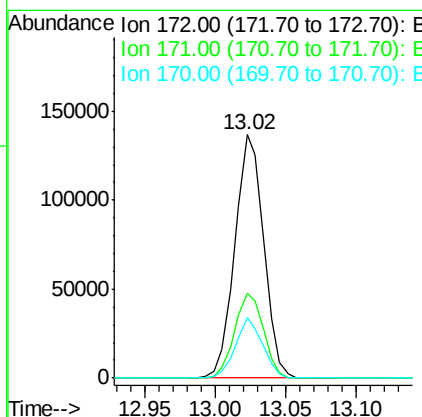
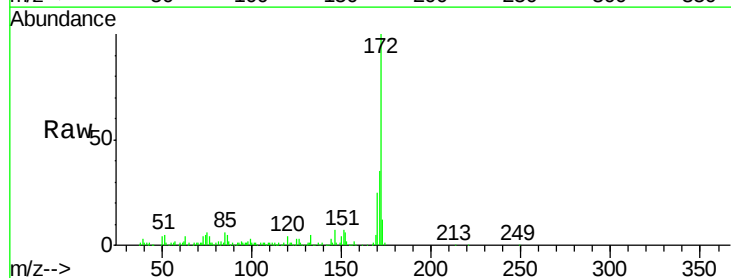
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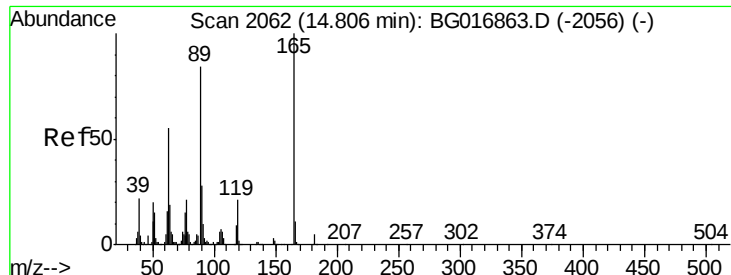
Tgt Ion: 330 Resp: 53434
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 50.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 20.21 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

Tgt Ion: 172 Resp: 194029
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.4
 170 24.7 19.0 28.4

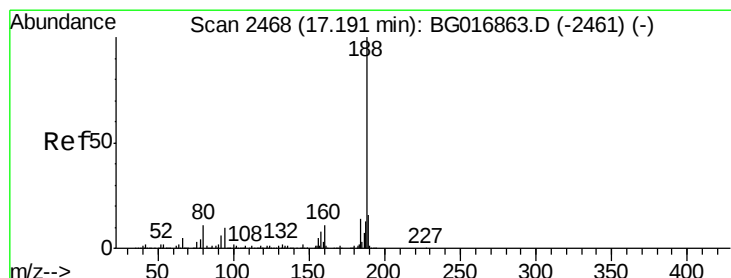
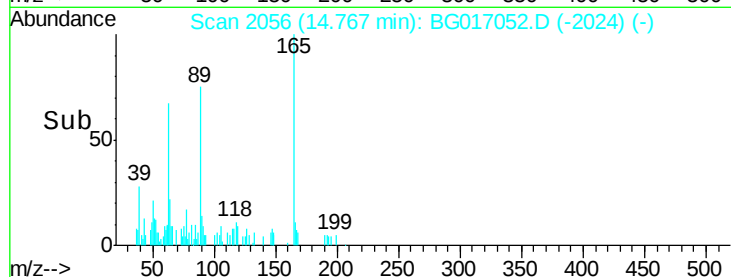
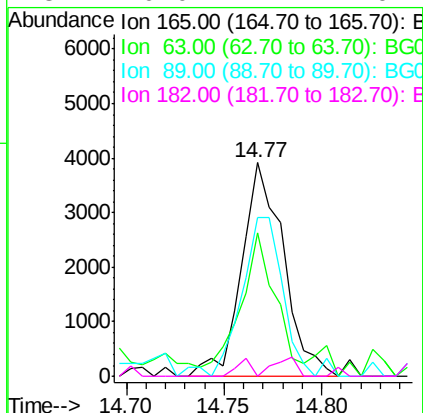
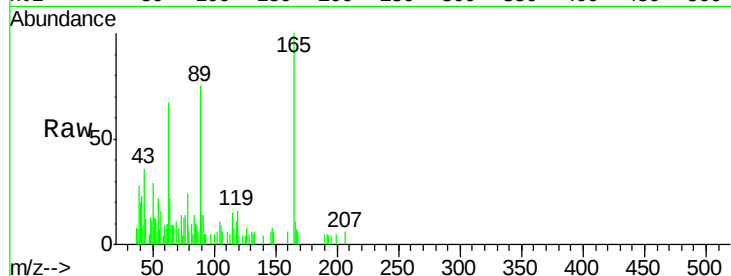




#56
2,4-Dinitrotoluene
Concen: 2.03 ng
RT: 14.77 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

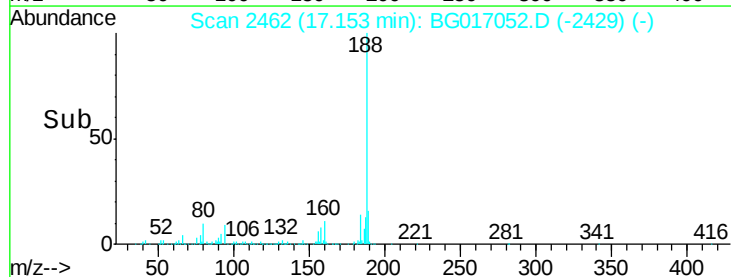
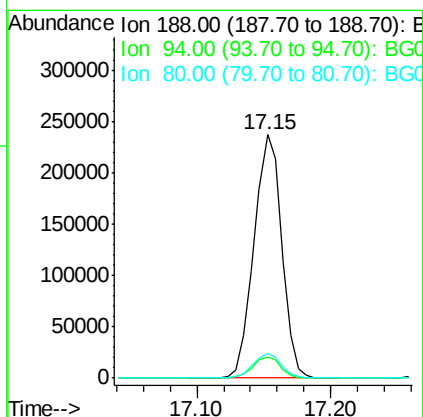
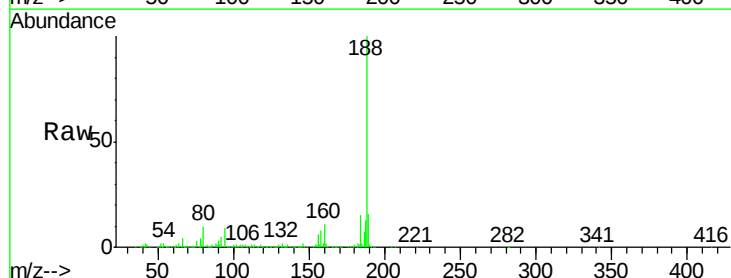
Instrument :
BNA_G
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DCW-WW-134-5615DL

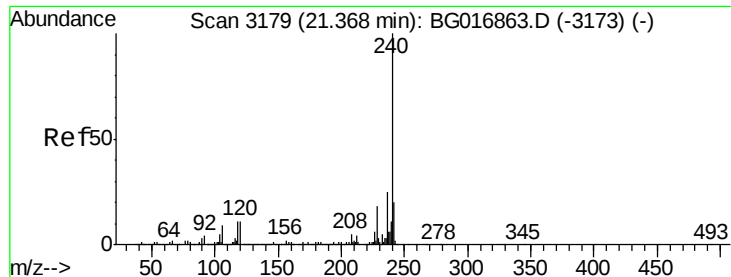
Tgt Ion:165 Resp: 5828
Ion Ratio Lower Upper
165 100
63 67.0 44.2 66.4#
89 74.6 67.2 100.8
182 0.0 4.2 6.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Tgt Ion:188 Resp: 337905
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 10.3 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615DL

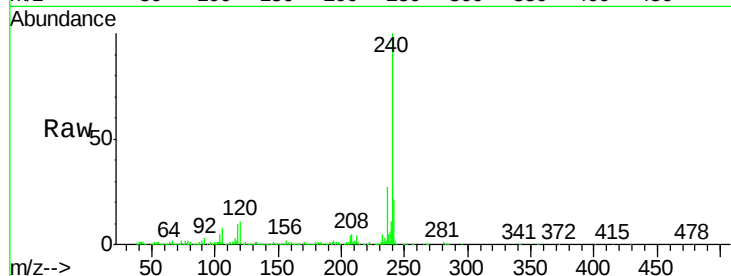
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Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

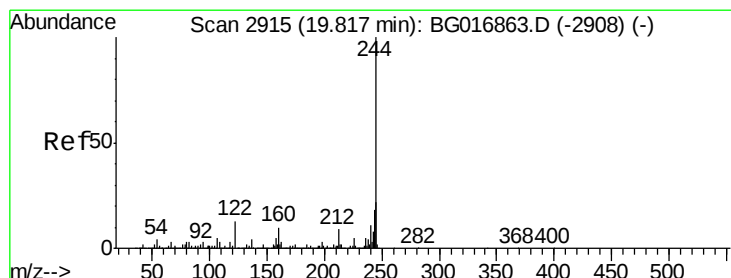
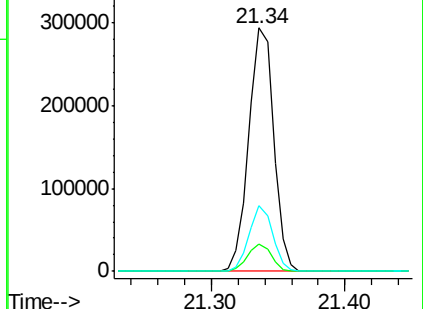
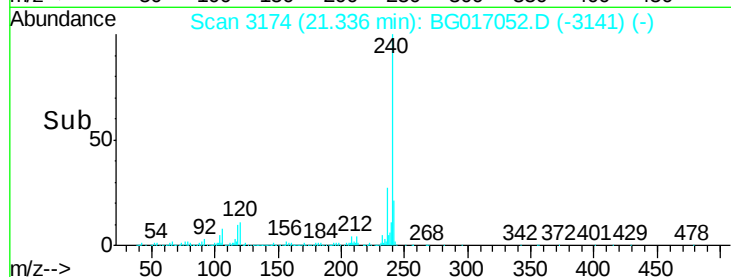
236 27.0 20.2 30.4



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: 20.43 ng

RT: 19.78 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

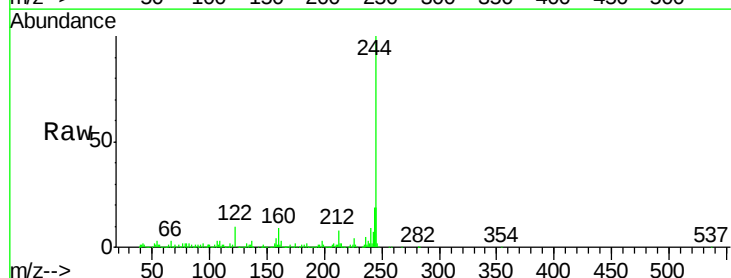
Tgt Ion:244 Resp: 328273

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

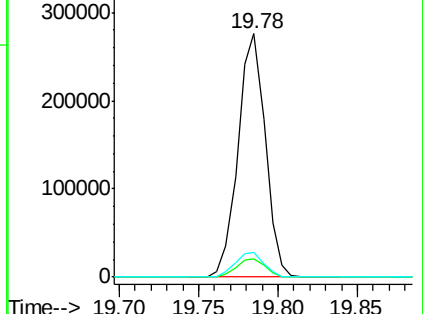
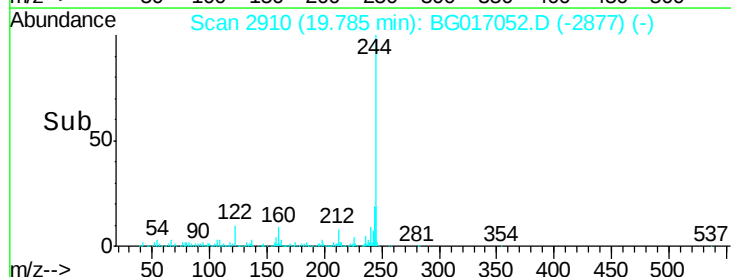
122 10.0 10.4 15.6#

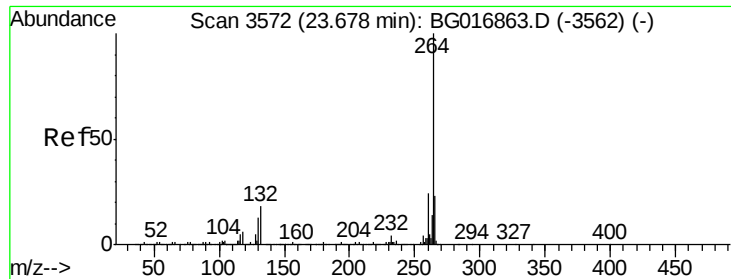


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.63 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.5	18.5	27.7

