

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018754.D
 Acq On : 18 Sep 2015 1:31
 Operator : TP
 Sample : G3679-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCSB3W

Quant Time: Sep 18 02:52:03 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

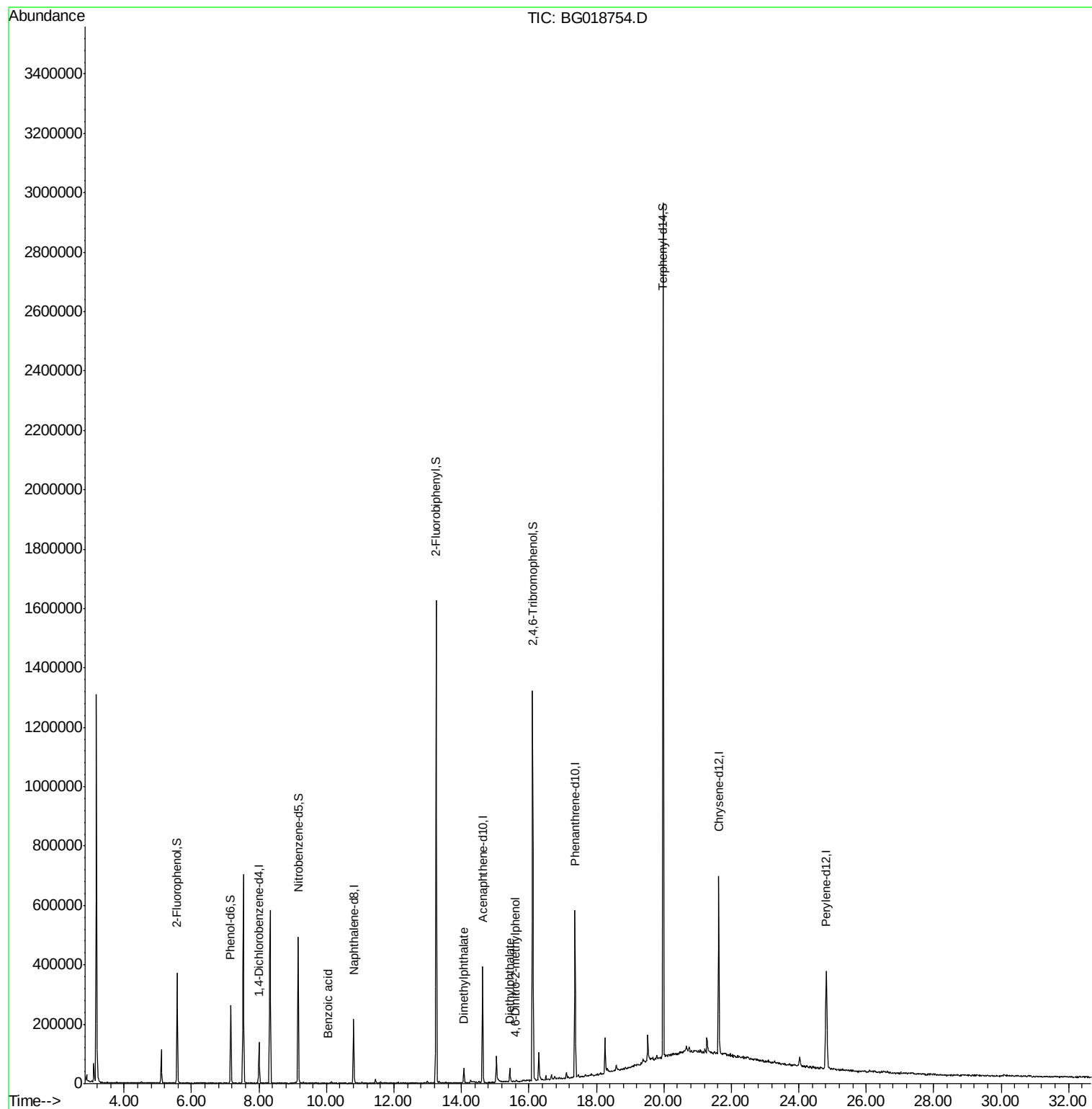
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42798	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	193611	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	134260	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	350418	20.00	ng	0.00
75) Chrysene-d12	21.63	240	364703	20.00	ng	0.00
86) Perylene-d12	24.82	264	358207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	189781	76.60	ng	0.00
7) Phenol-d6	7.16	99	179433	50.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	311397	90.00	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	265977	147.13	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	877282	90.71	ng	0.00
78) Terphenyl-d14	19.98	244	1206103	86.84	ng	0.00
Target Compounds						
32) Benzoic acid	10.06	122	62	7.95	ng	# 1
49) Dimethylphthalate	14.07	163	34222	3.08	ng	# 94
59) Diethylphthalate	15.44	149	23449	2.02	ng	# 97
64) 4,6-Dinitro-2-methylphenol	15.59	198	59	5.43	ng	# 1

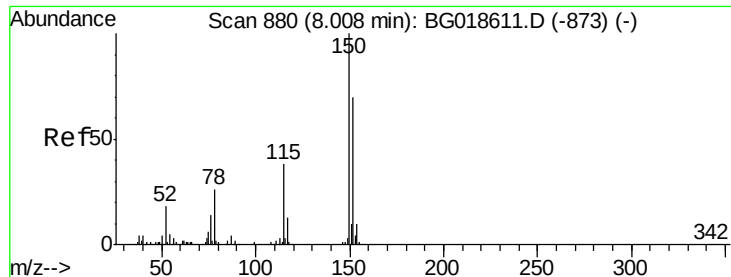
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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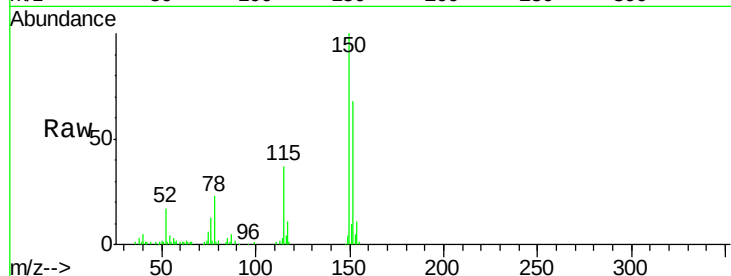


#1

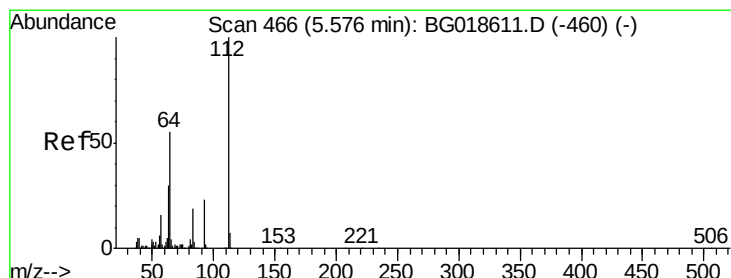
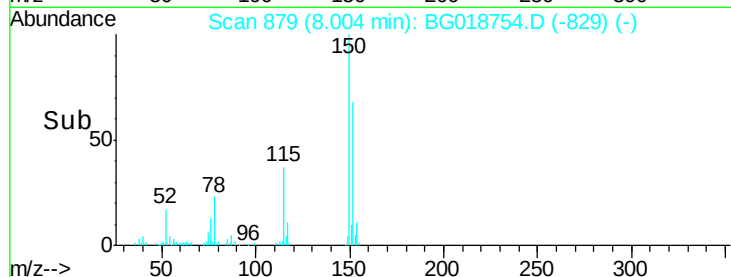
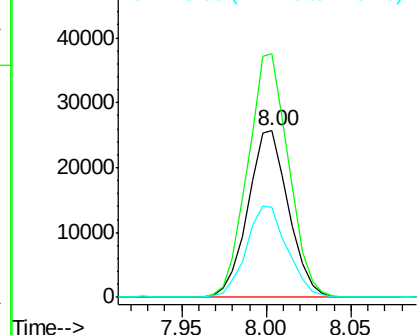
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

Instrument :
BNA_G
ClientSampleId :
WCSB3W

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	115.0	172.4
115	54.0	43.9	65.9



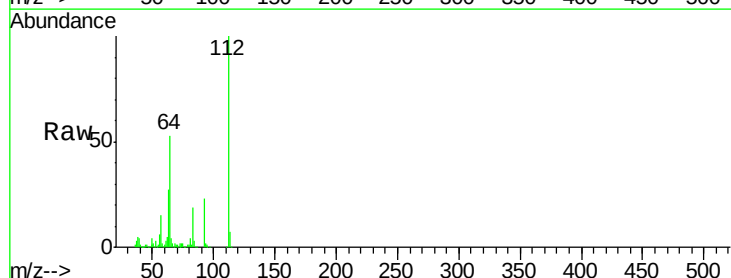
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



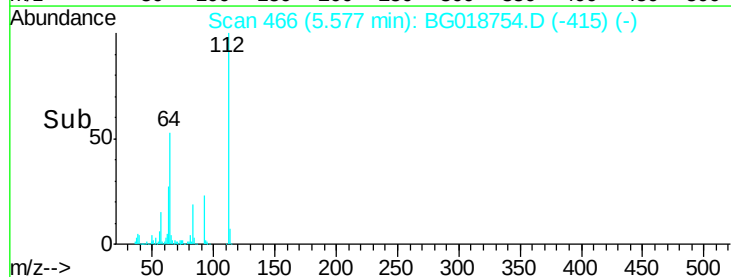
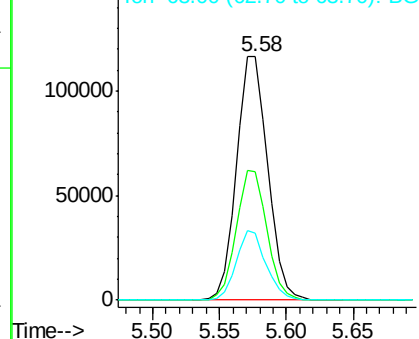
#5

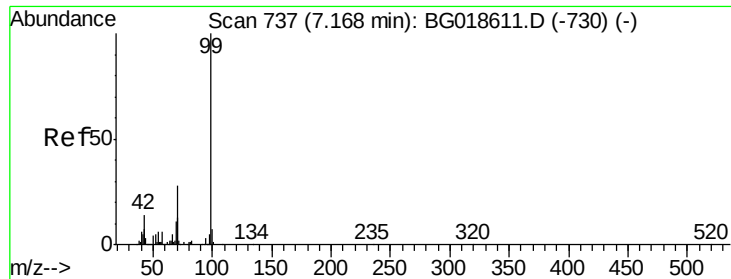
2-Fluorophenol
Concen: 76.60 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	43.7	65.5
63	27.4	24.0	36.0



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: 50.51 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018754.D

Acq: 18 Sep 2015 1:31

Instrument :

BNA_G

ClientSampleId :

WCSB3W

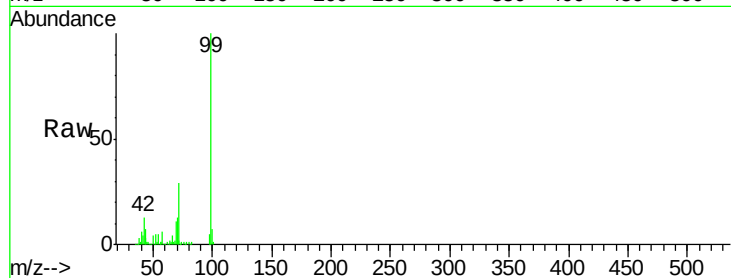
Tot Ion: 99 Resp: 179433

Ion Ratio Lower Upper

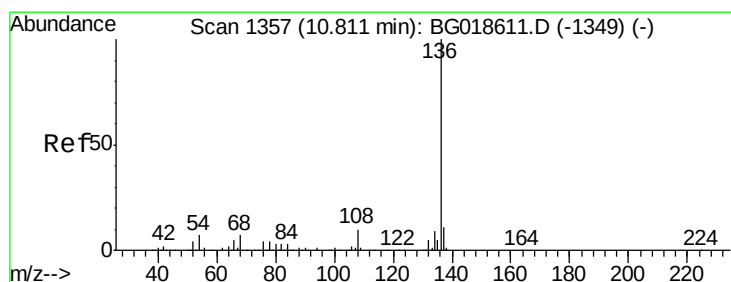
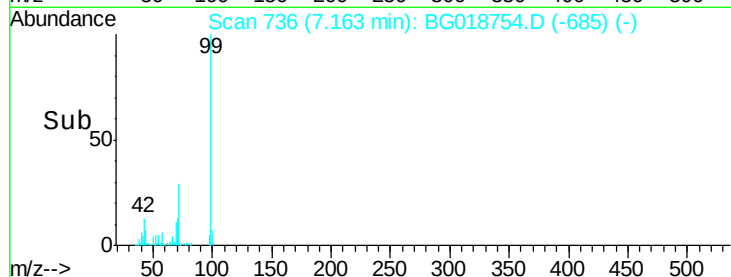
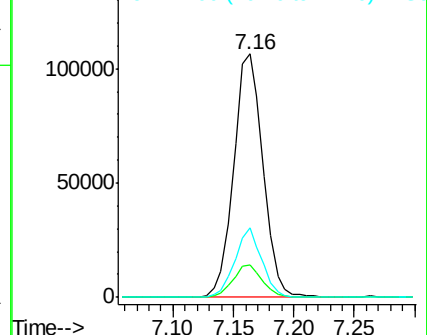
99 100

42 13.2 11.5 17.3

71 28.6 22.6 34.0



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: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018754.D

Acq: 18 Sep 2015 1:31

Tgt Ion: 136 Resp: 193611

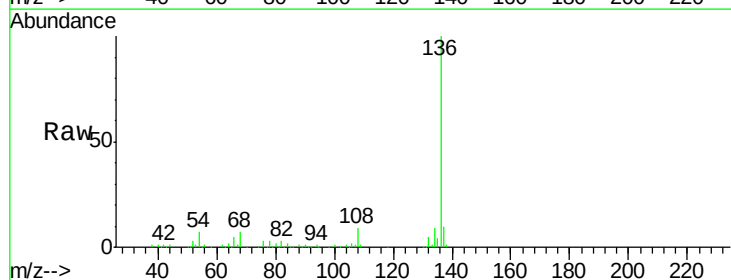
Ion Ratio Lower Upper

136 100

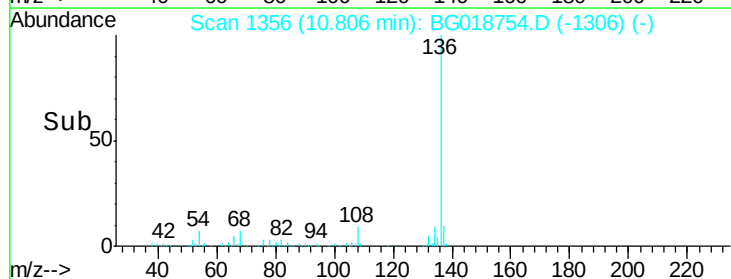
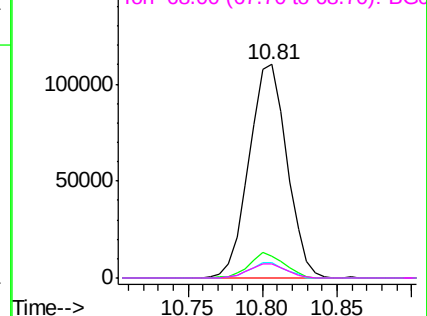
137 10.3 8.6 12.8

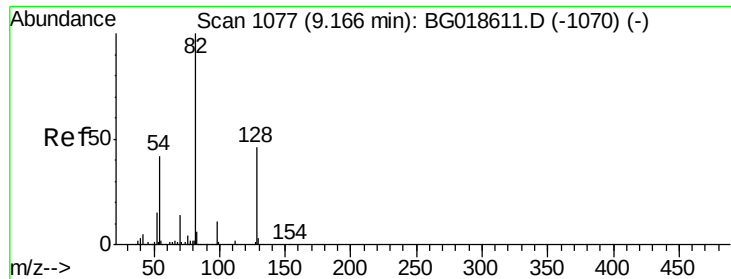
54 7.0 5.4 8.2

68 6.7 5.3 7.9



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

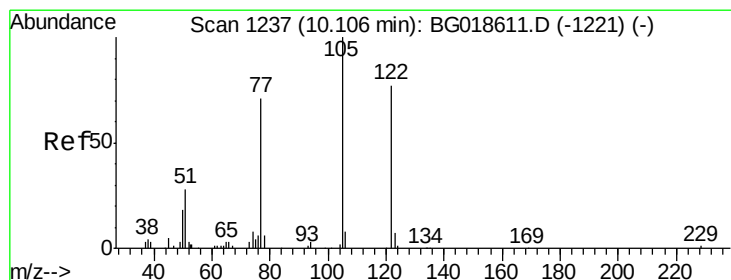
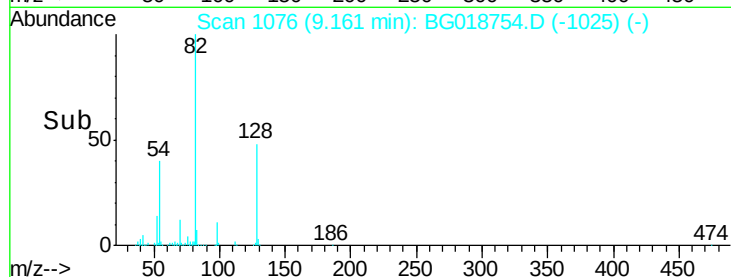
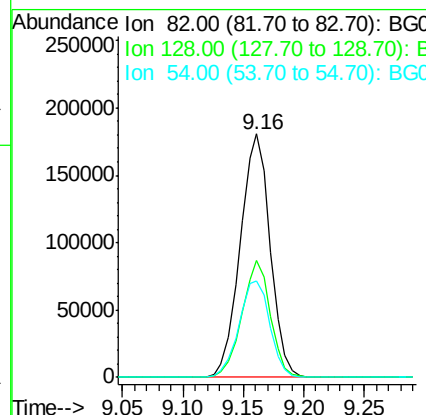
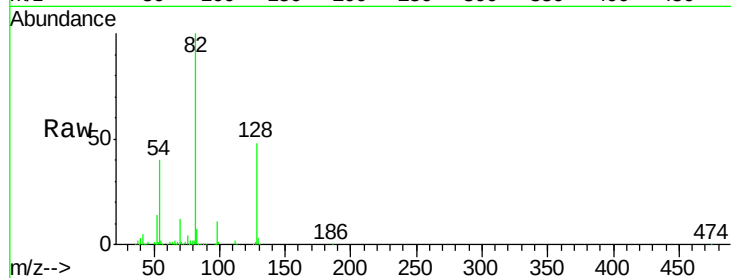




#23
 Nitrobenzene-d5
 Concen: 90.00 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018754.D
 Acq: 18 Sep 2015 1:31

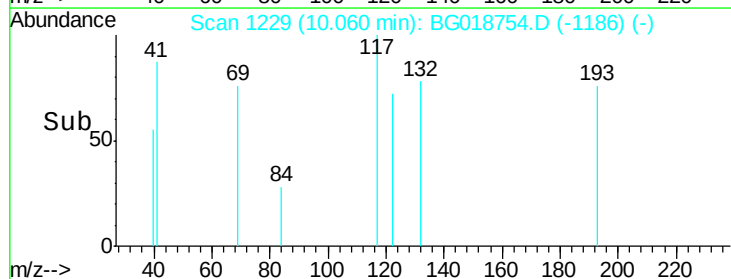
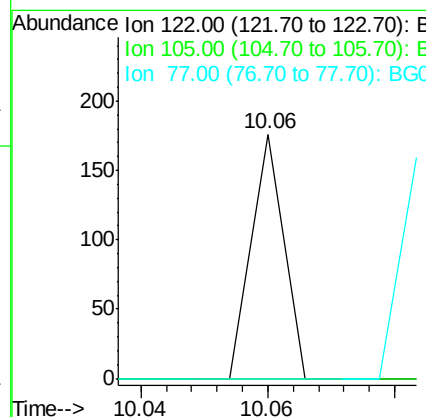
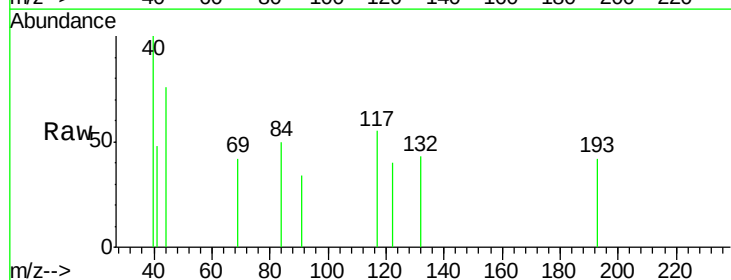
Instrument :
 BNA_G
 ClientSampleId :
 WCSB3W

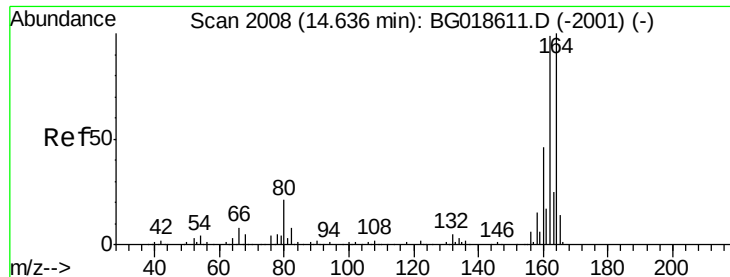
Tot Ion	82	Resp	311397
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.7	55.1
54	39.8	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. -0.05 min
 Lab File: BG018754.D
 Acq: 18 Sep 2015 1:31

Tgt Ion	122	Resp	62
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG018754.D

Acq: 18 Sep 2015 1:31

Instrument :

BNA_G

ClientSampleId :

WCSB3W

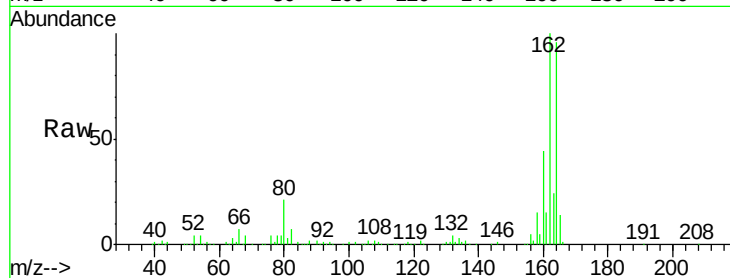
Tot Ion:164 Resp: 134260

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

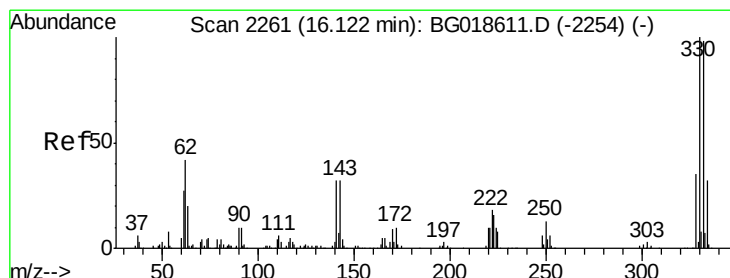
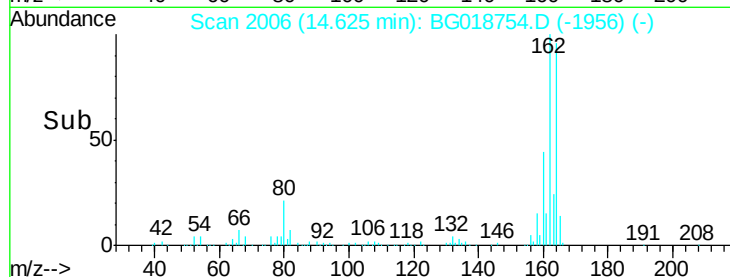
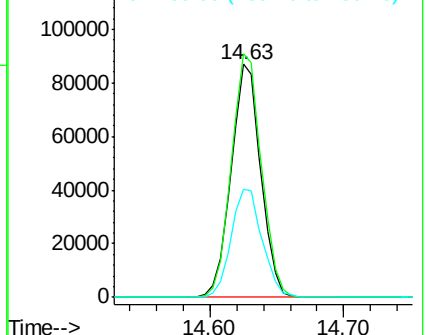
160 46.3 36.4 54.6



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: 147.13 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018754.D

Acq: 18 Sep 2015 1:31

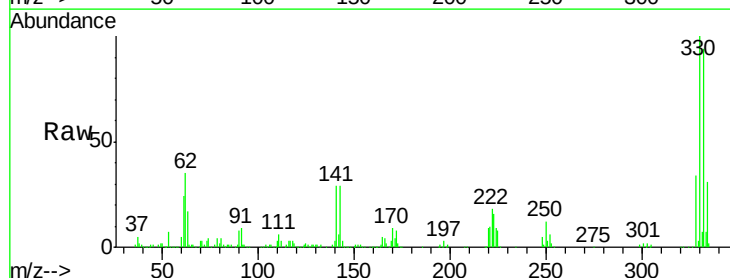
Tgt Ion:330 Resp: 265977

Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

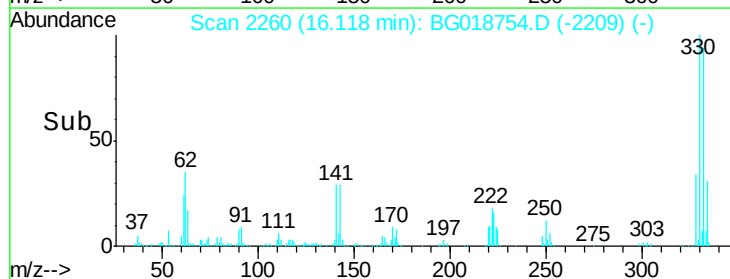
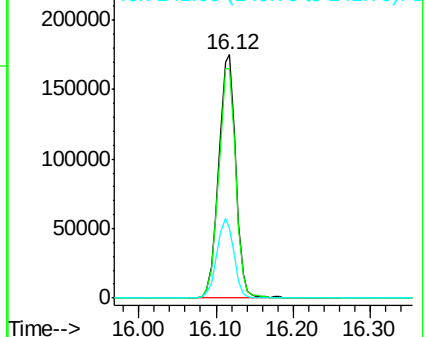
141 32.4 28.2 42.2

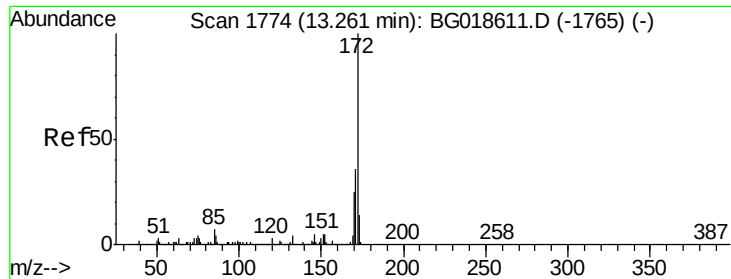


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

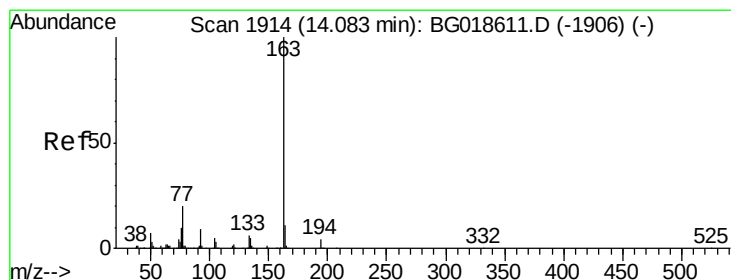
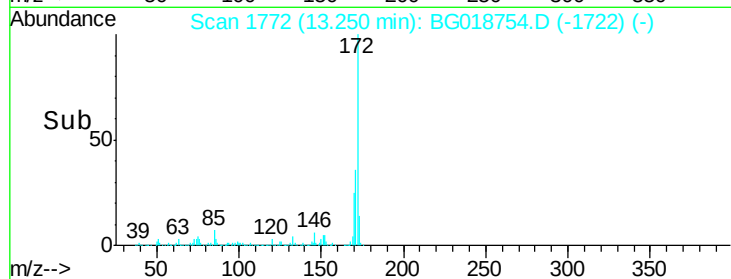
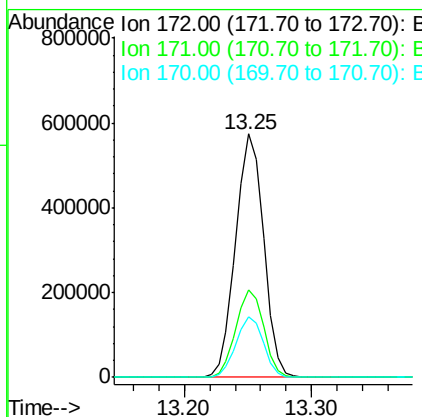
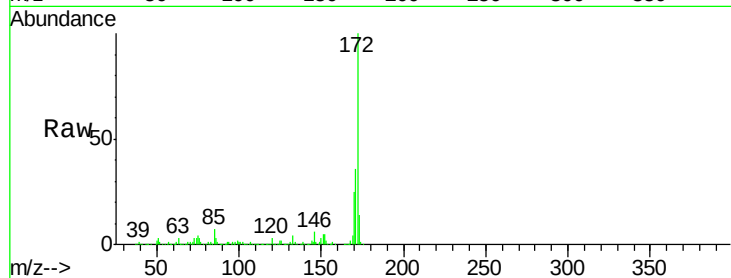




#44
2-Fluorobiphenyl
Concen: 90.71 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

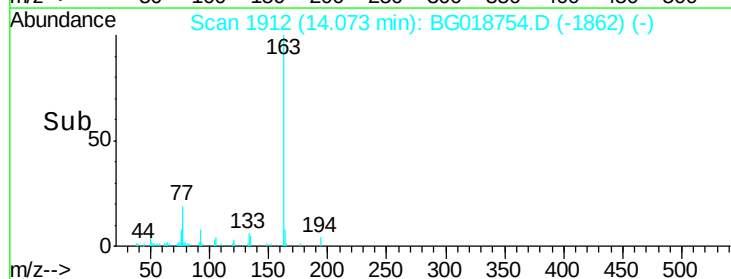
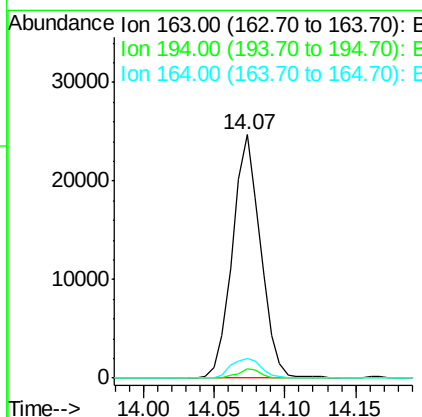
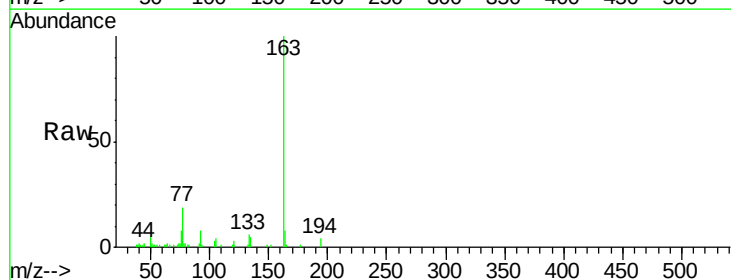
Instrument :
BNA_G
ClientSampleId :
WCSB3W

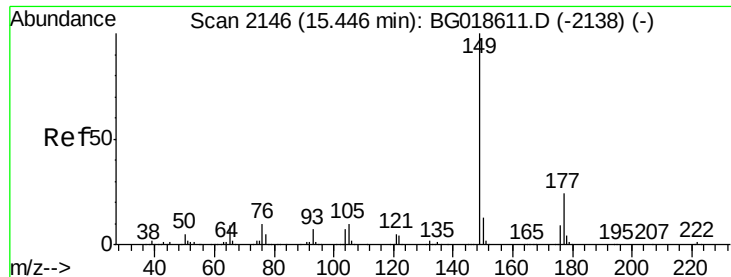
Tot Ion:	172	Resp:	877282
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.9	19.9	29.9



#49
Dimethylphthalate
Concen: 3.08 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

Tgt Ion:	163	Resp:	34222
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	8.0	8.8	13.2#

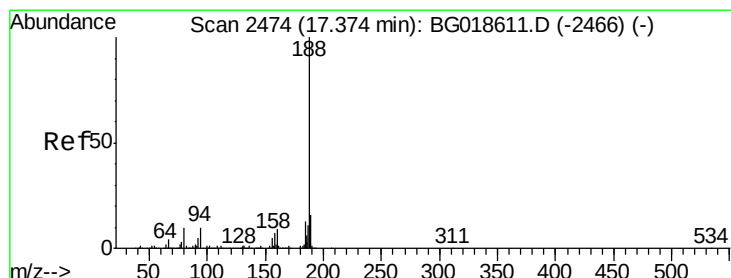
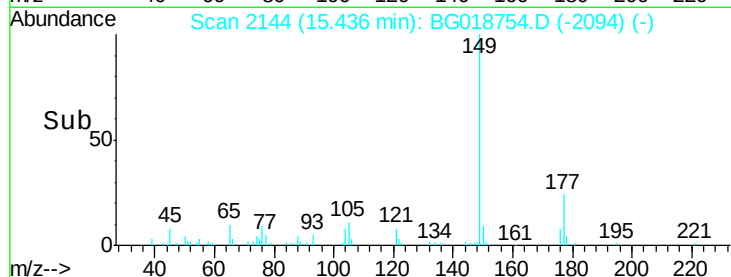
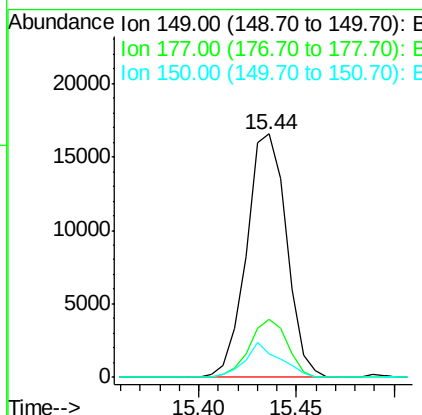
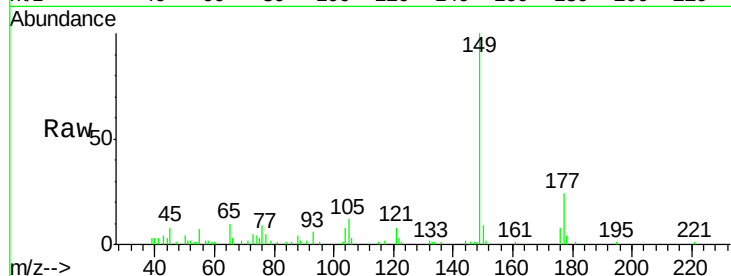




#59
Diethylphthalate
Concen: 2.02 ng
RT: 15.44 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

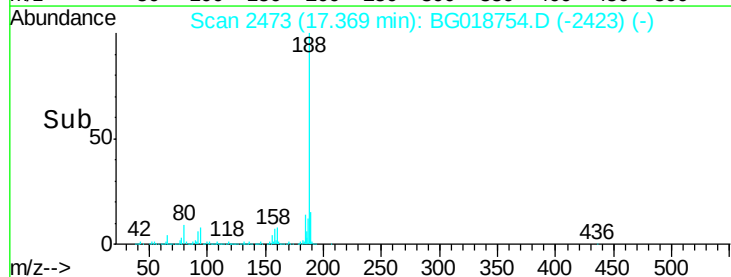
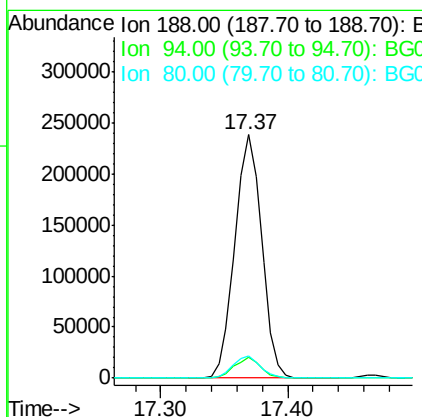
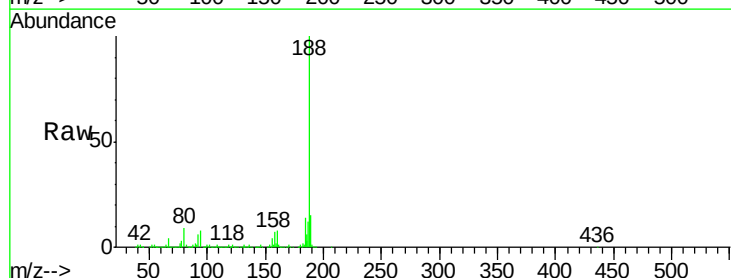
Instrument :
BNA_G
ClientSampleId :
WCSB3W

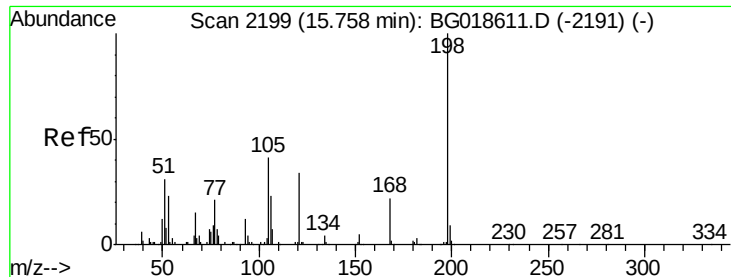
Tot Ion:149 Resp: 23449
Ion Ratio Lower Upper
149 100
177 24.1 19.6 29.4
150 9.4 10.2 15.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

Tgt Ion:188 Resp: 350418
Ion Ratio Lower Upper
188 100
94 8.4 7.7 11.5
80 9.1 7.8 11.8

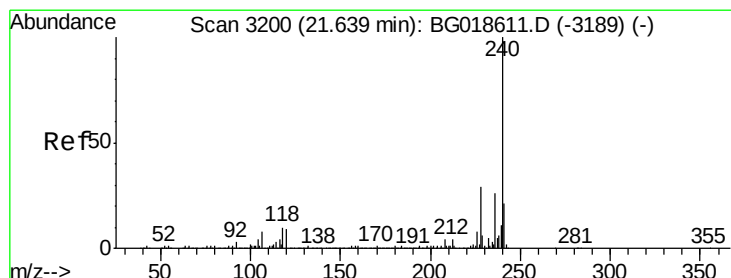
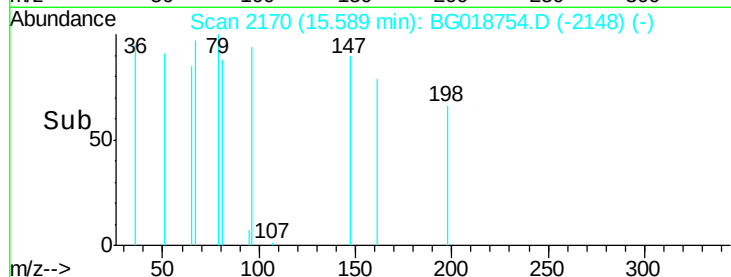
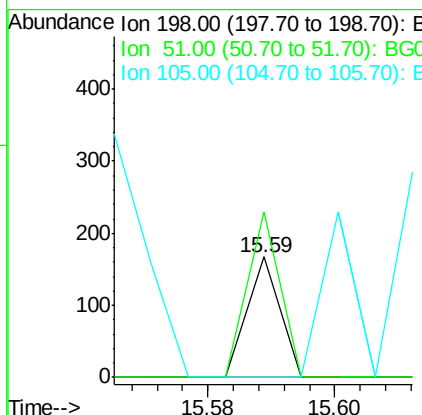
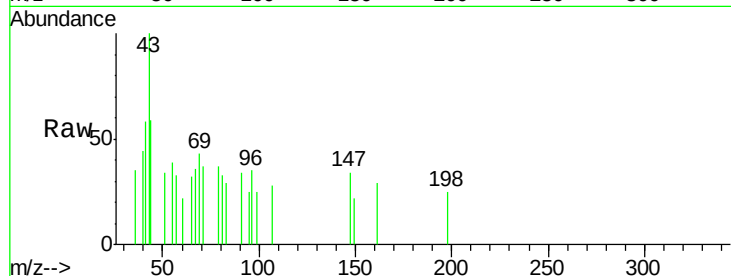




#64
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 15.59 min Scan# 2170
Delta R.T. -0.17 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

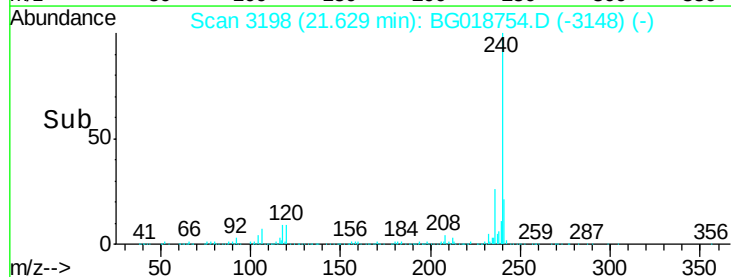
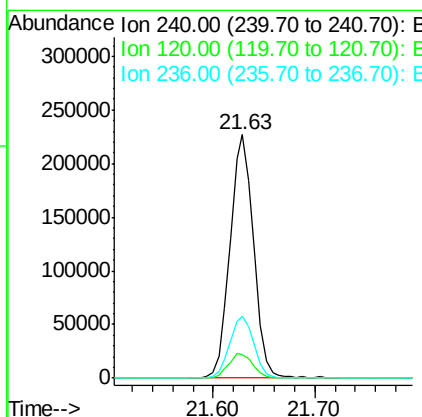
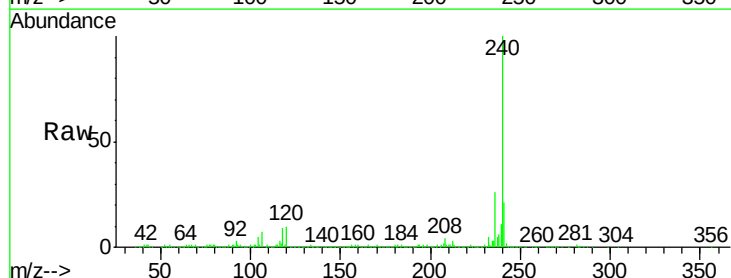
Instrument :
BNA_G
ClientSampleId :
WCSB3W

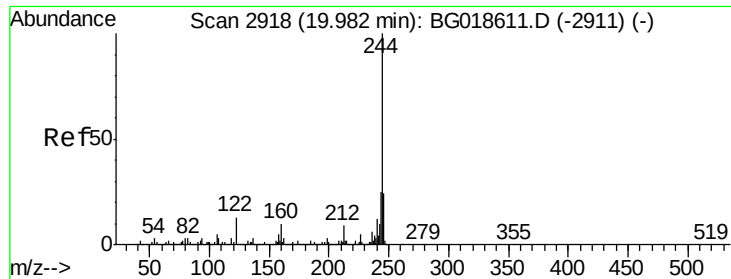
Tot Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 137.1 14.2 54.2#
105 0.0 21.1 61.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018754.D
Acq: 18 Sep 2015 1:31

Tgt Ion:240 Resp: 364703
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 86.84 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018754.D

Acq: 18 Sep 2015 1:31

Instrument :

BNA_G

ClientSampleId :

WCSB3W

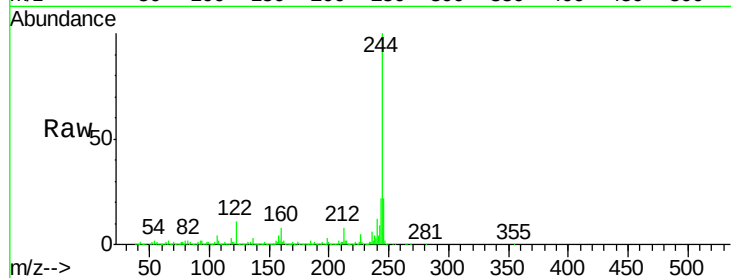
Tot Ion:244 Resp: 1206103

Ion Ratio Lower Upper

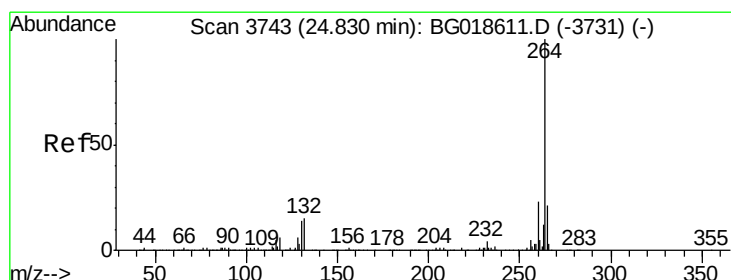
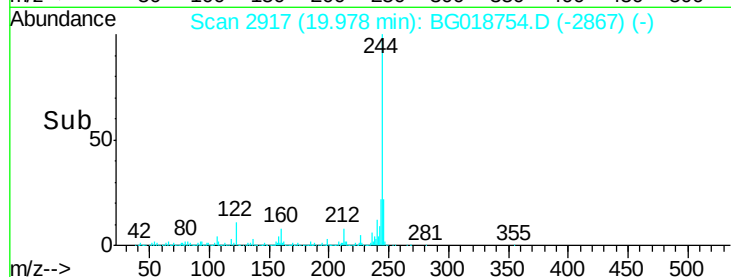
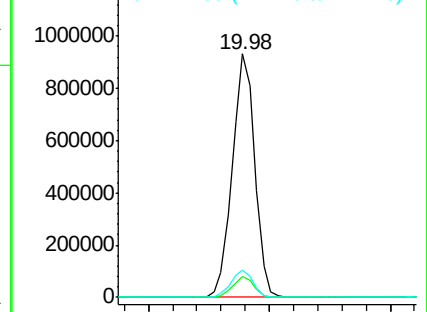
244 100

212 8.5 6.9 10.3

122 11.2 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BG018754.D

Acq: 18 Sep 2015 1:31

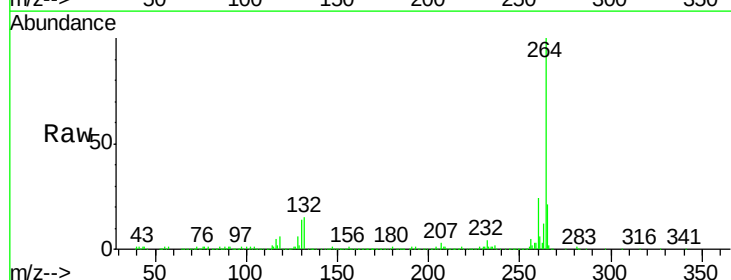
Tgt Ion:264 Resp: 358207

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.3 17.2 25.8



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

