

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020111.D
 Acq On : 11 Dec 2015 18:10
 Operator : UM/SJ
 Sample : G4729-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-15

Quant Time: Dec 11 23:46:58 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

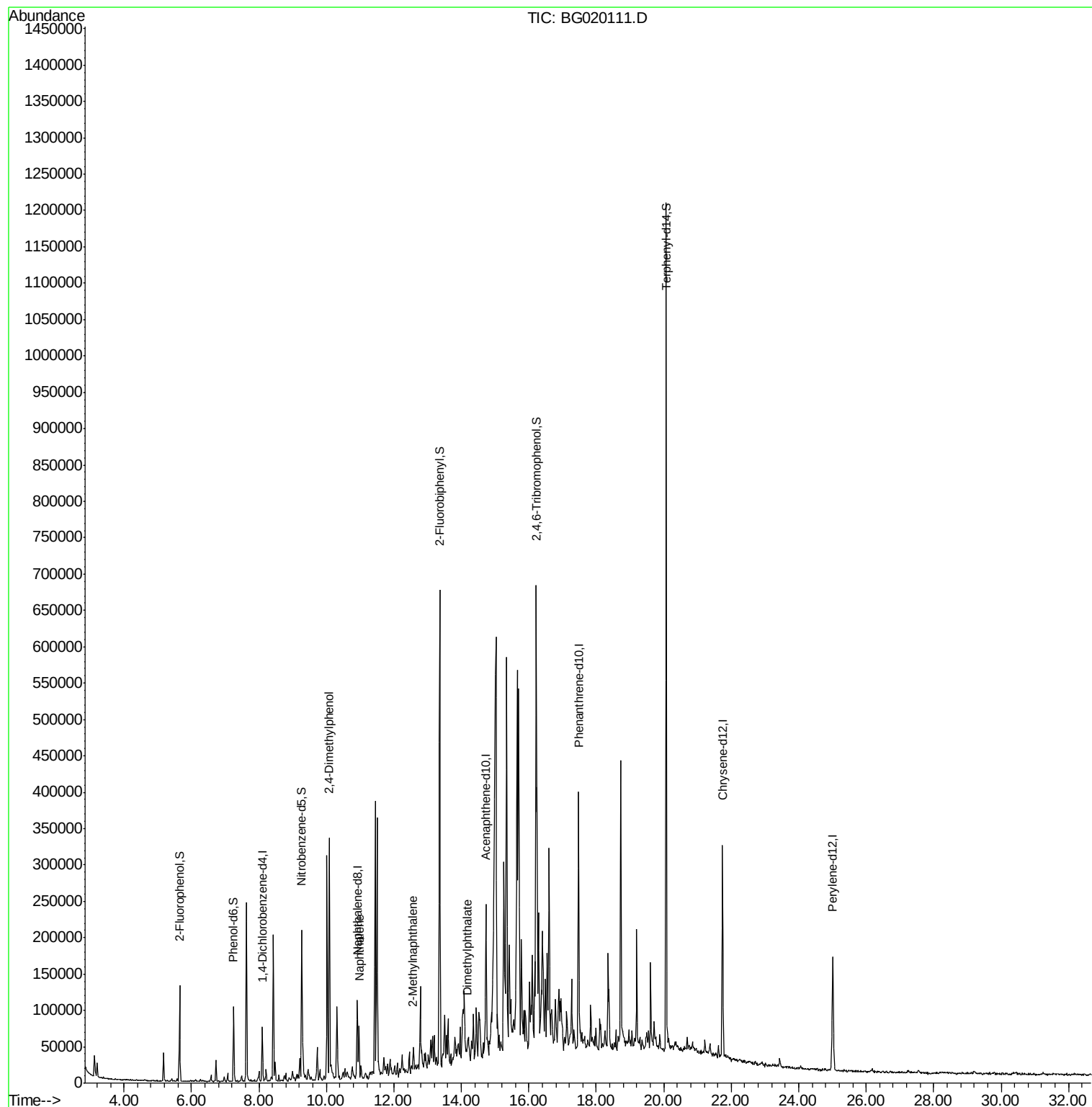
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	20148	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	86240	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	67960	20.00	ng	-0.04
63) Phenanthrene-d10	17.48	188	151387	20.00	ng	-0.03
75) Chrysene-d12	21.74	240	181040	20.00	ng	-0.05
86) Perylene-d12	25.01	264	171275	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	56014	50.25	ng	-0.02
7) Phenol-d6	7.25	99	60503	35.95	ng	-0.03
23) Nitrobenzene-d5	9.27	82	125223	74.11	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	115337	110.92	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	340853	68.48	ng	-0.03
78) Terphenyl-d14	20.07	244	516268	69.56	ng	-0.04
Target Compounds						
27) 2,4-Dimethylphenol	10.08	122	9238	6.27	ng	Qvalue 86
31) Naphthalene	10.97	128	49489	10.71	ng	# 95
37) 2-Methylnaphthalene	12.56	142	9556	2.82	ng	# 93
49) Dimethylphthalate	14.17	163	12751	2.09	ng	# 93

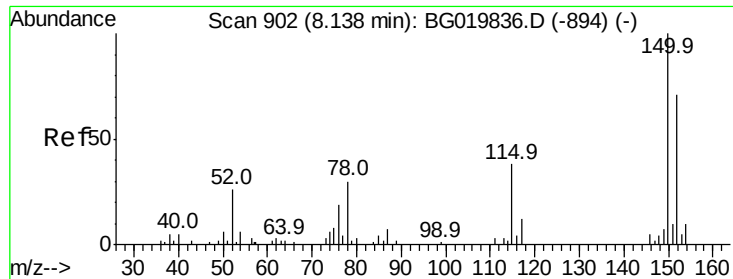
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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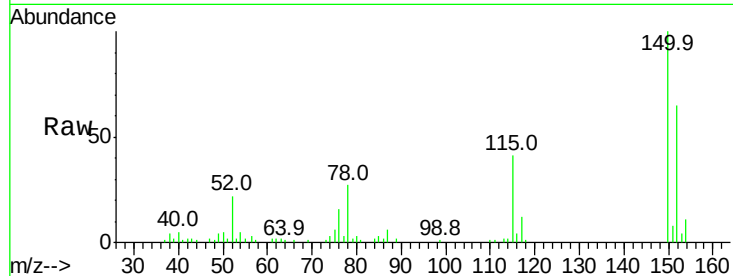


#1

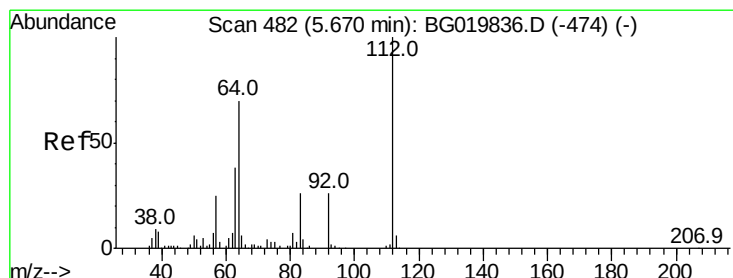
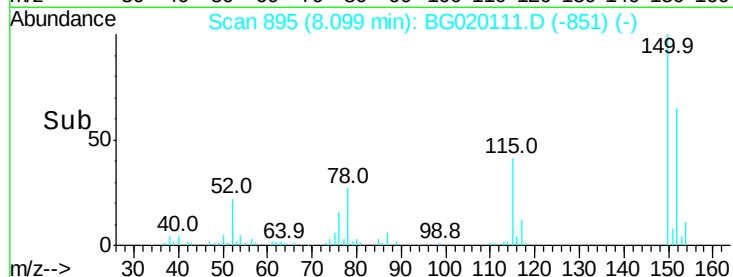
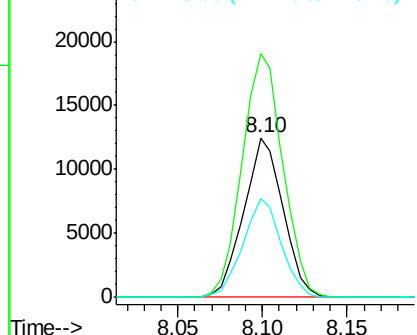
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.04 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

Instrument :
BNA_G
ClientSampled :
W-15

Tot Ion:152 Resp: 20148
Ion Ratio Lower Upper
152 100
150 152.8 115.0 172.4
115 62.1 43.9 65.9



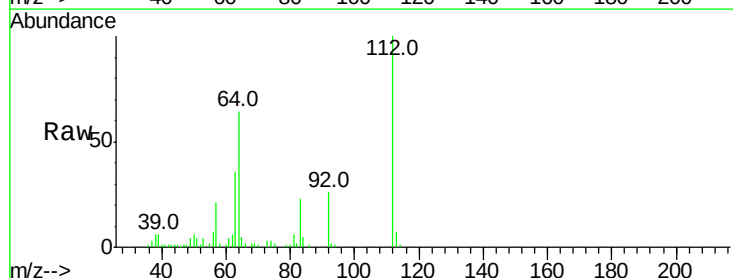
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



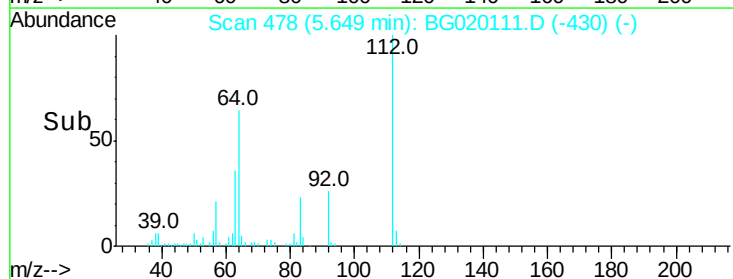
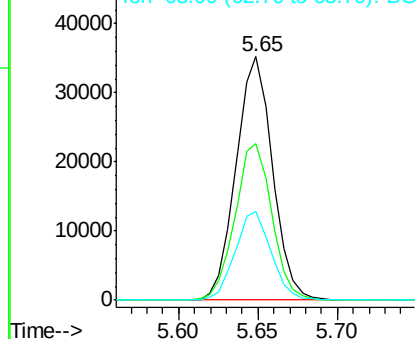
#5

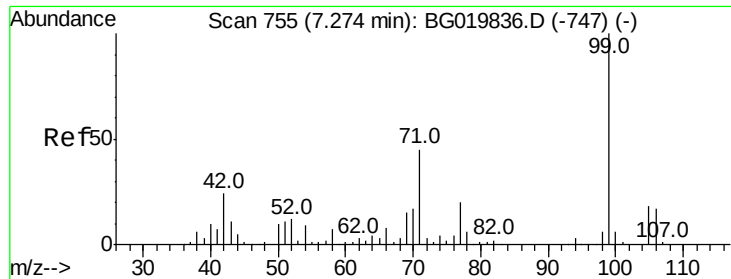
2-Fluorophenol
Concen: 50.25 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

Tgt Ion:112 Resp: 56014
Ion Ratio Lower Upper
112 100
64 64.4 43.7 65.5
63 36.2 24.0 36.0#



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: 35.95 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG020111.D

Acq: 11 Dec 2015 18:10

Instrument :

BNA_G

ClientSampleId :

W-15

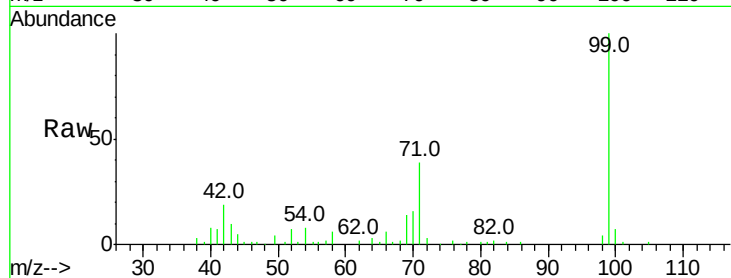
Tot Ion: 99 Resp: 60503

Ion Ratio Lower Upper

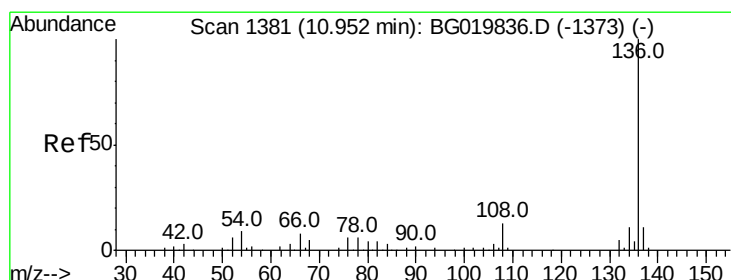
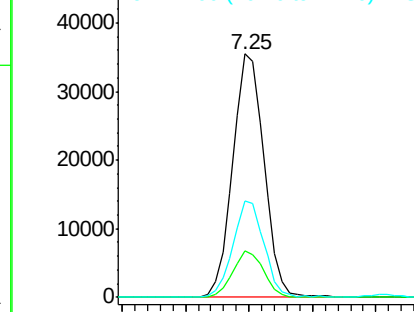
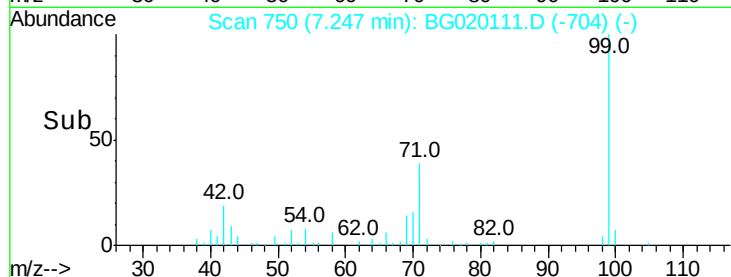
99 100

42 18.9 11.5 17.3#

71 39.4 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: 10.92 min Scan# 1375

Delta R.T. -0.03 min

Lab File: BG020111.D

Acq: 11 Dec 2015 18:10

Tgt Ion: 136 Resp: 86240

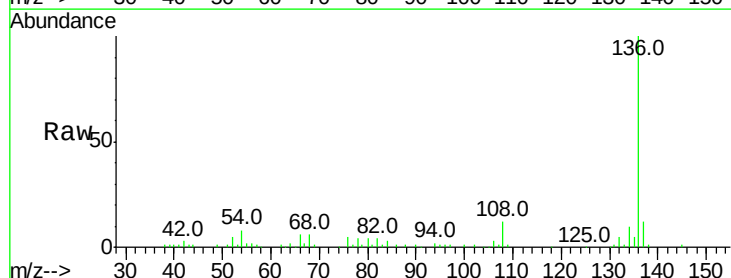
Ion Ratio Lower Upper

136 100

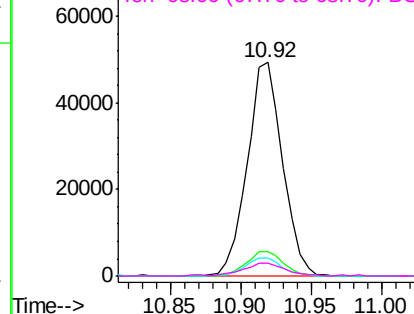
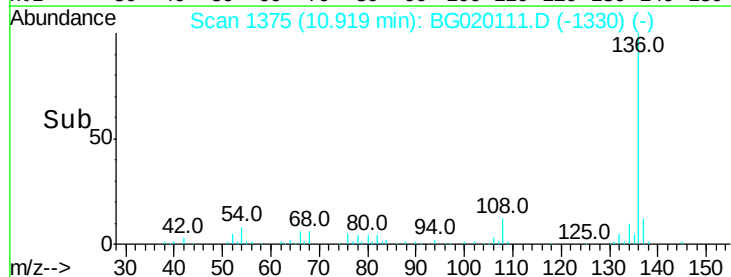
137 11.7 8.6 12.8

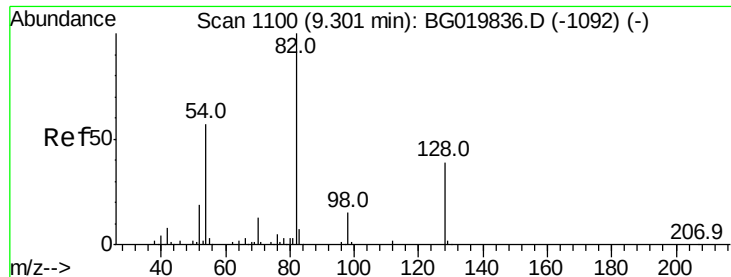
54 8.1 5.4 8.2

68 5.8 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

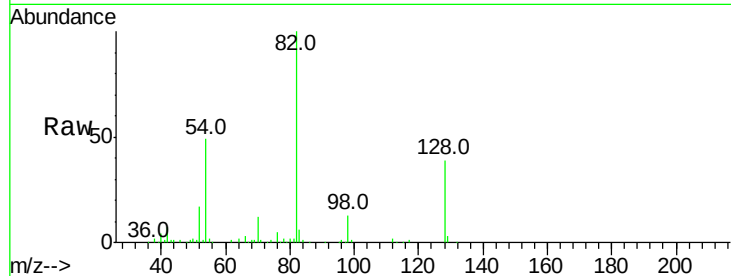




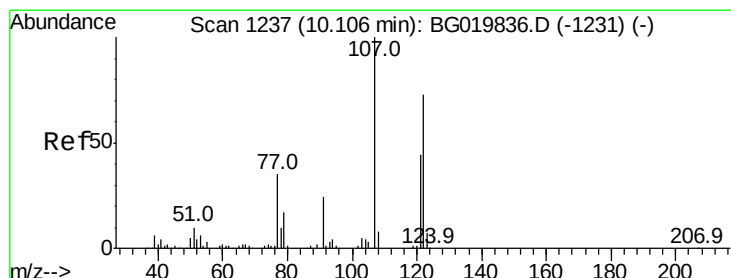
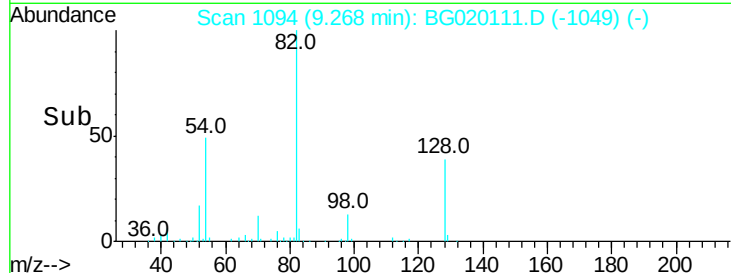
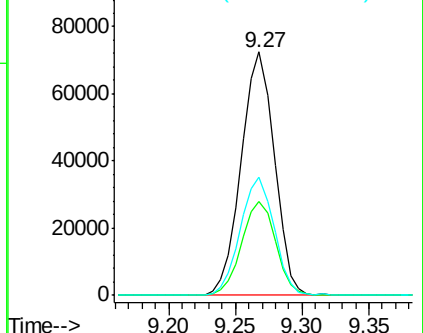
#23
 Nitrobenzene-d5
 Concen: 74.11 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG020111.D
 Acq: 11 Dec 2015 18:10

Instrument :
 BNA_G
 ClientSampleId :
 W-15

Tot Ion	82	Resp	125223
Ion Ratio	100	Lower	Upper
128	38.8	36.7	55.1
54	48.8	33.8	50.8

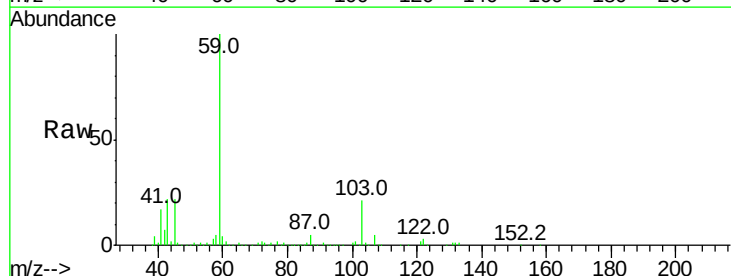


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

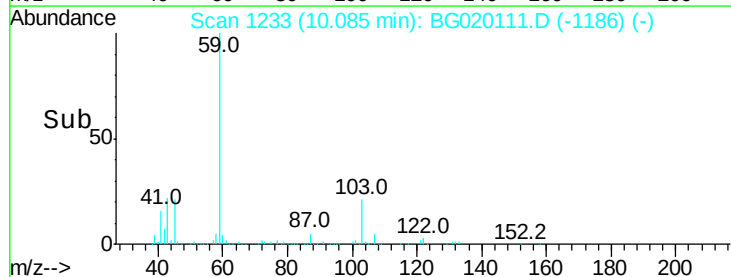
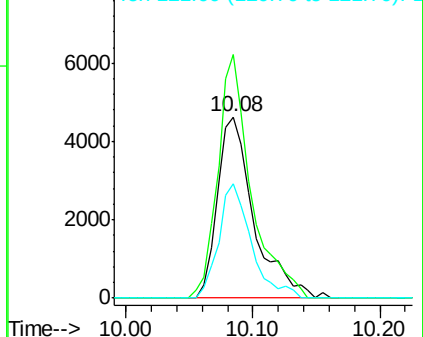


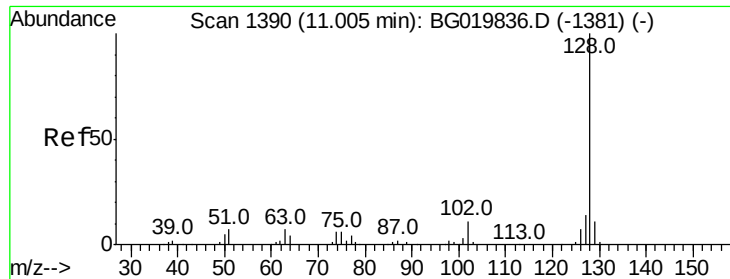
#27
 2,4-Dimethylphenol
 Concen: 6.27 ng
 RT: 10.08 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG020111.D
 Acq: 11 Dec 2015 18:10

Tgt Ion	122	Resp	9238
Ion Ratio	100	Lower	Upper
107	134.5	91.6	137.4
121	63.4	47.3	70.9



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 107.00 (106.70 to 107.70): BGC
 Ion 121.00 (120.70 to 121.70): BGC

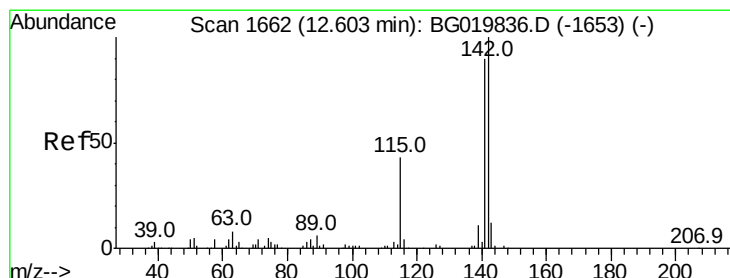
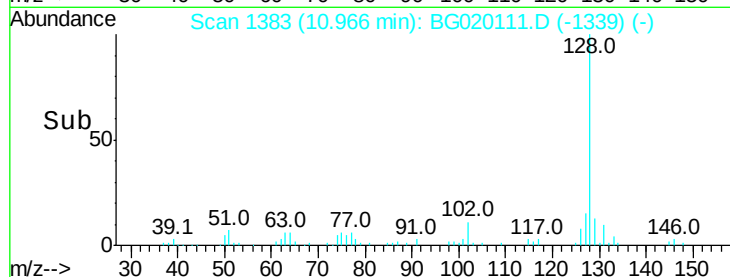
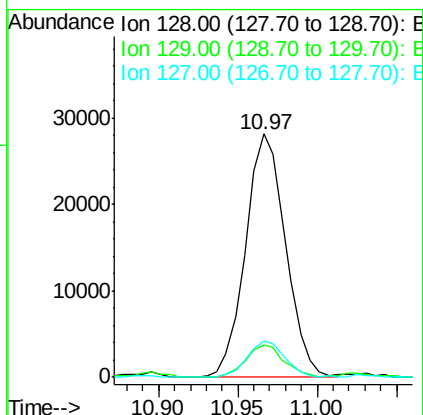
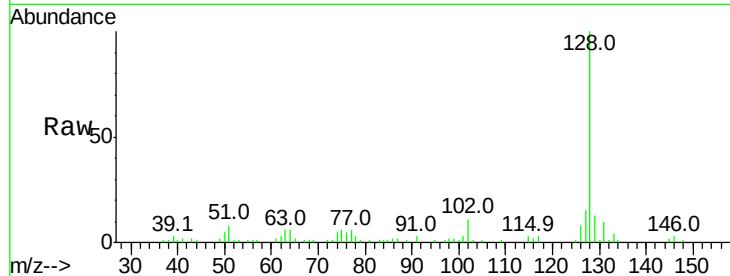




#31
Naphthalene
Concen: 10.71 ng
RT: 10.97 min Scan# 1383
Delta R.T. -0.04 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

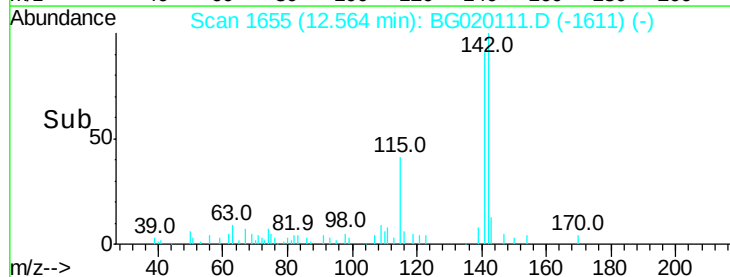
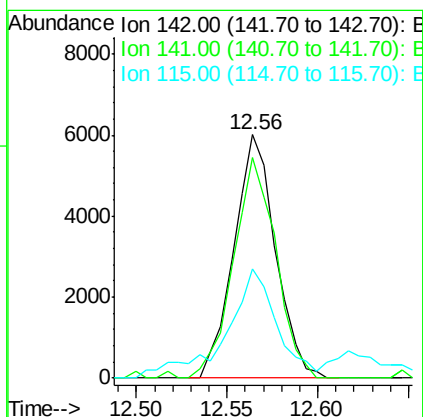
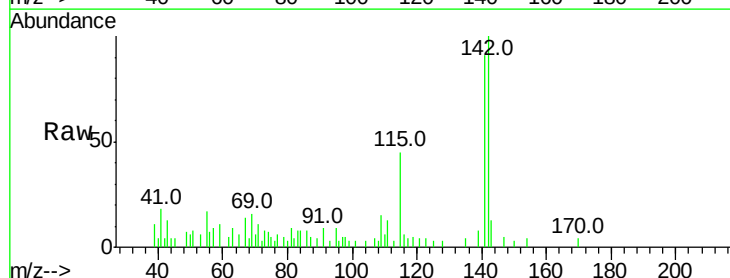
Instrument :
BNA_G
ClientSampleId :
W-15

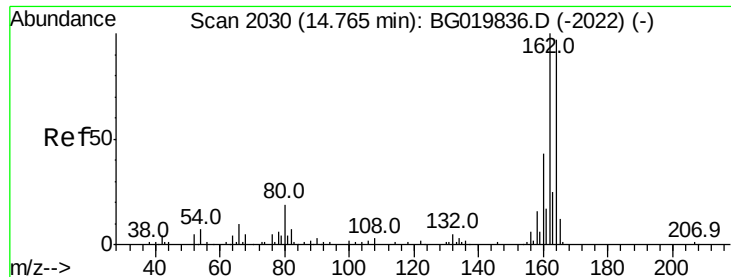
Tot Ion:128 Resp: 49489
Ion Ratio Lower Upper
128 100
129 13.4 8.5 12.7#
127 14.8 10.6 16.0



#37
2-Methylnaphthalene
Concen: 2.82 ng
RT: 12.56 min Scan# 1655
Delta R.T. -0.04 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

Tgt Ion:142 Resp: 9556
Ion Ratio Lower Upper
142 100
141 90.5 74.6 112.0
115 45.0 27.4 41.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.04 min

Lab File: BG020111.D

Acq: 11 Dec 2015 18:10

Instrument :

BNA_G

ClientSampled :

W-15

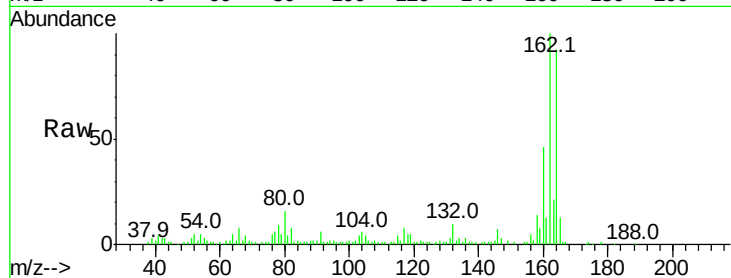
Tot Ion:164 Resp: 67960

Ion Ratio Lower Upper

164 100

162 108.2 78.8 118.2

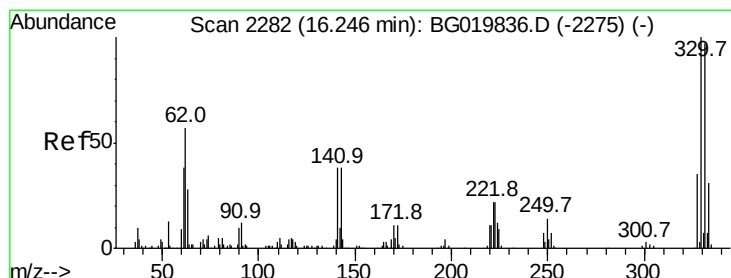
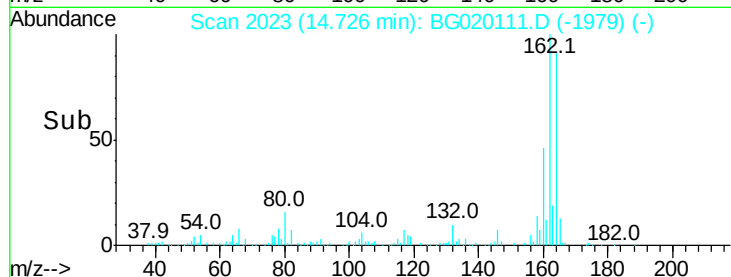
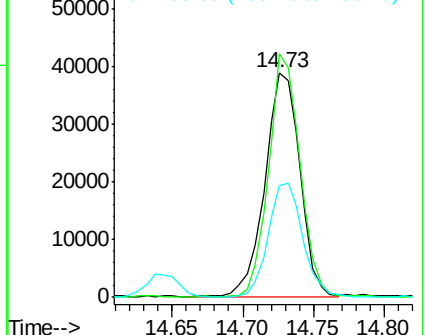
160 49.4 36.4 54.6



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: 110.92 ng

RT: 16.22 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BG020111.D

Acq: 11 Dec 2015 18:10

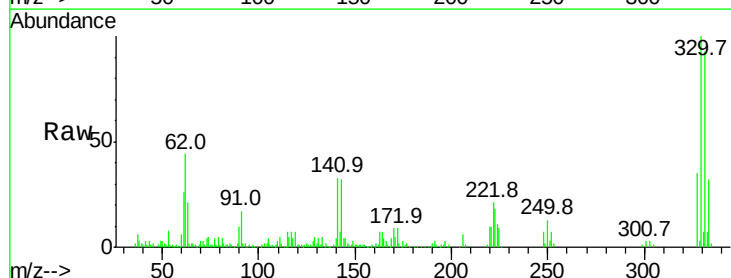
Tgt Ion:330 Resp: 115337

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

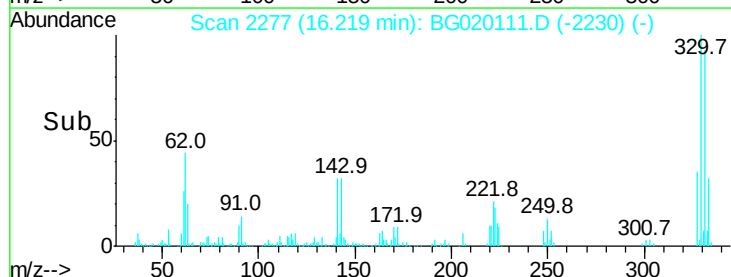
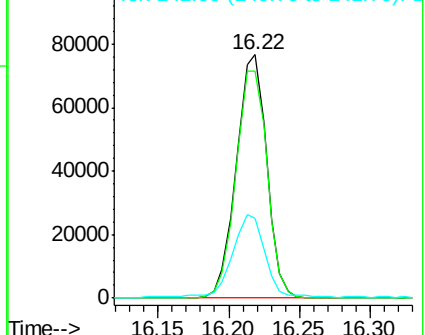
141 36.4 28.2 42.2

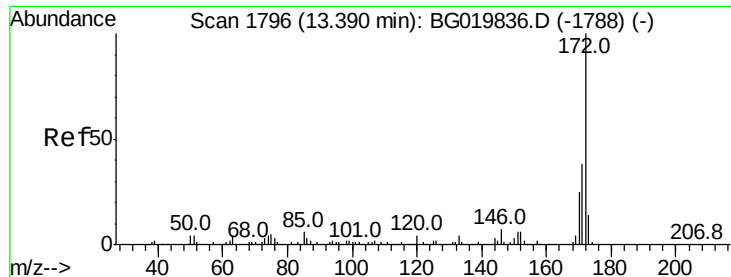


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

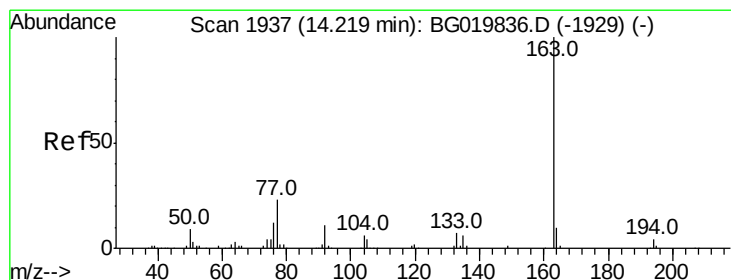
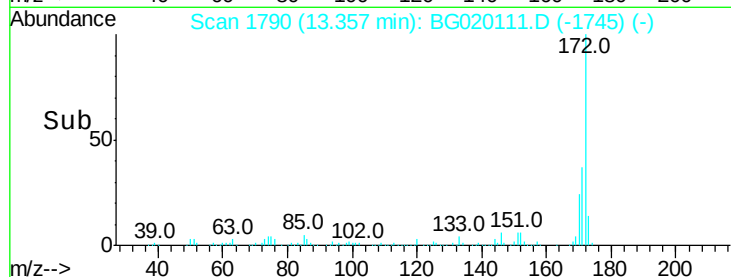
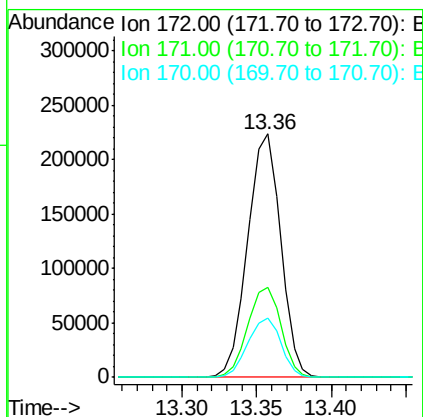
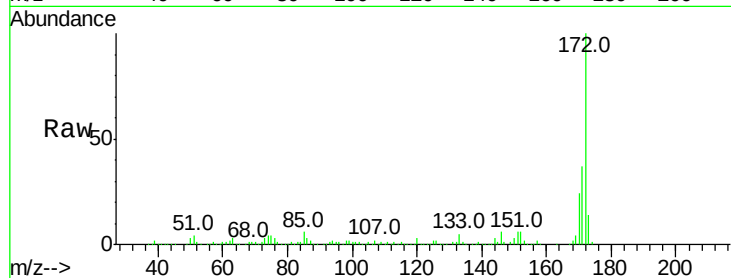




#44
2-Fluorobiphenyl
Concen: 68.48 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

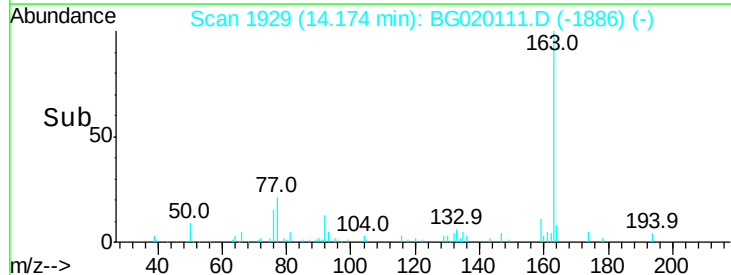
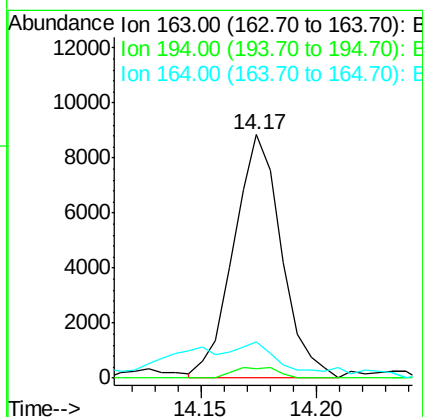
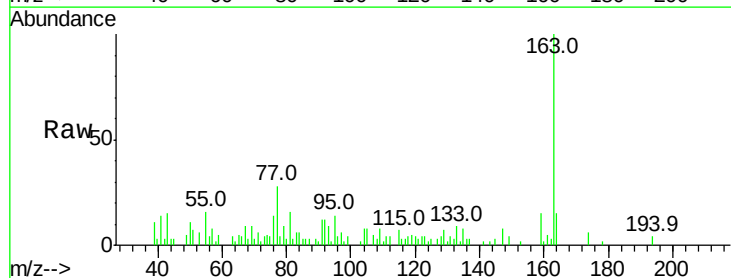
Instrument :
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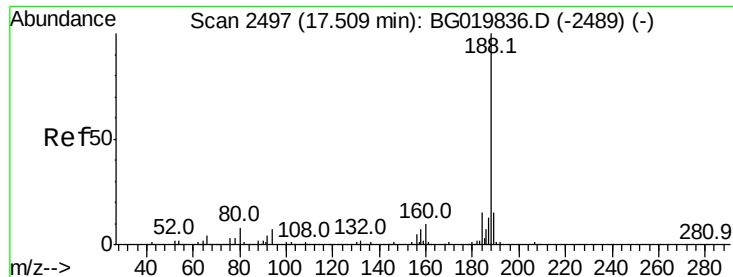
Tot Ion:172 Resp: 340853
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.2 19.9 29.9



#49
Dimethylphthalate
Concen: 2.09 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.04 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

Tgt Ion:163 Resp: 12751
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 14.7 8.8 13.2#

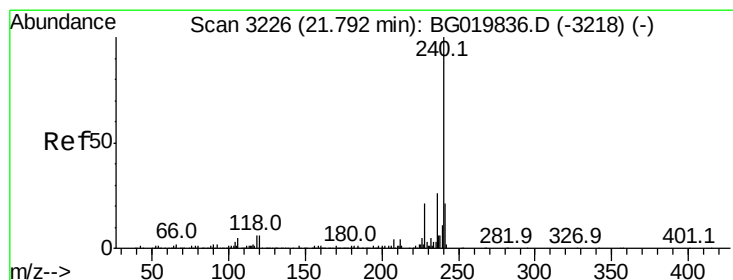
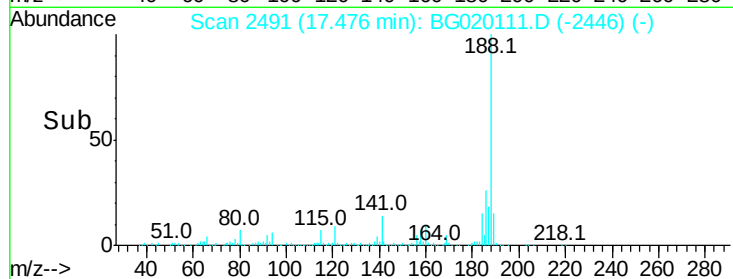
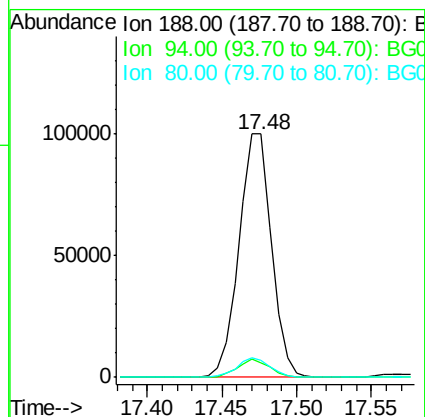
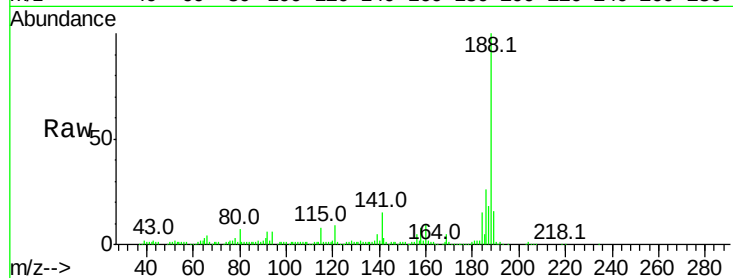




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2491
Delta R.T. -0.03 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

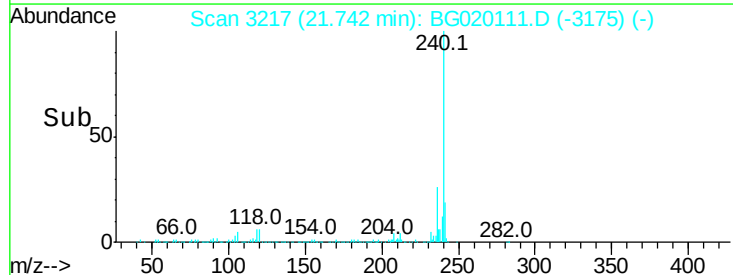
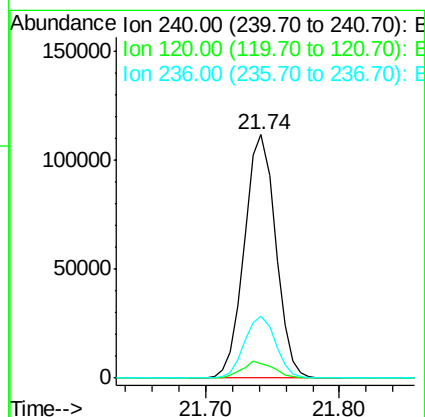
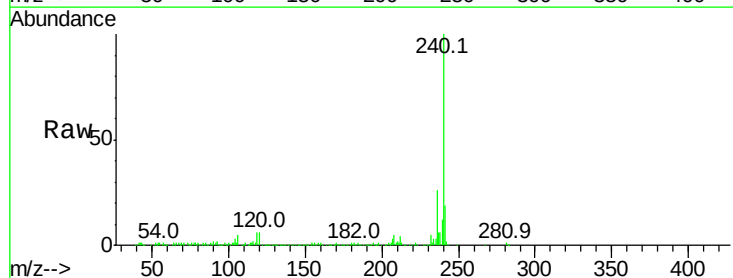
Instrument :
BNA_G
ClientSampleId :
W-15

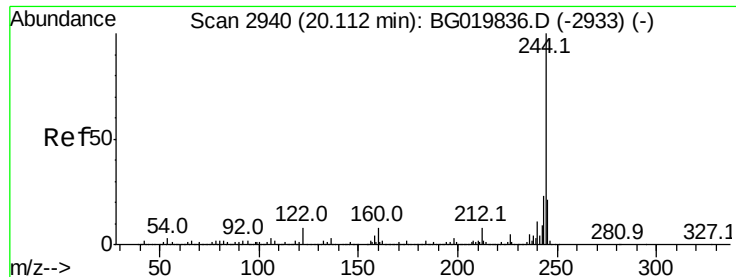
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	7.7	11.5#
80	6.8	7.8	11.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020111.D
Acq: 11 Dec 2015 18:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	7.4	11.0#
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 69.56 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020111.D

Acq: 11 Dec 2015 18:10

Instrument :

BNA_G

ClientSampleId :

W-15

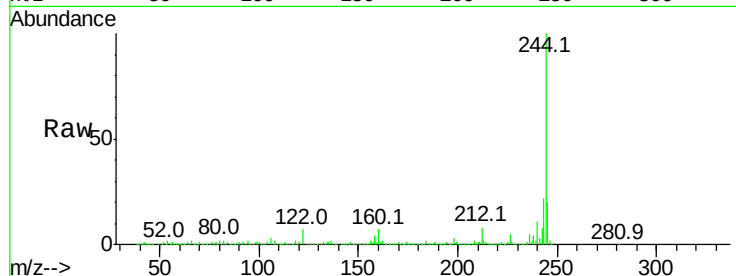
Tot Ion:244 Resp: 516268

Ion Ratio Lower Upper

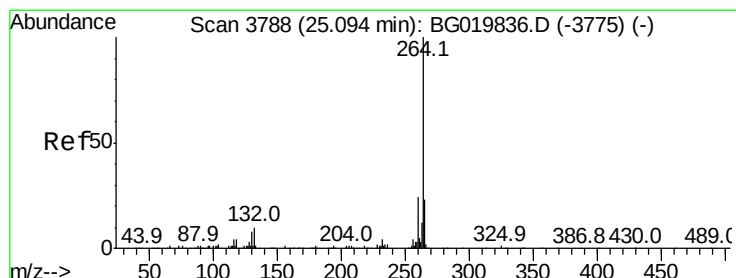
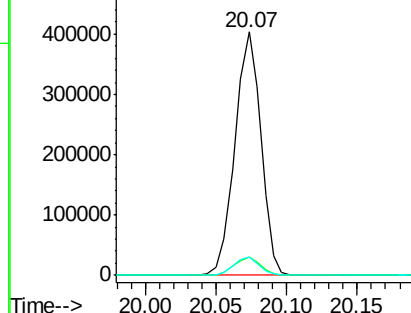
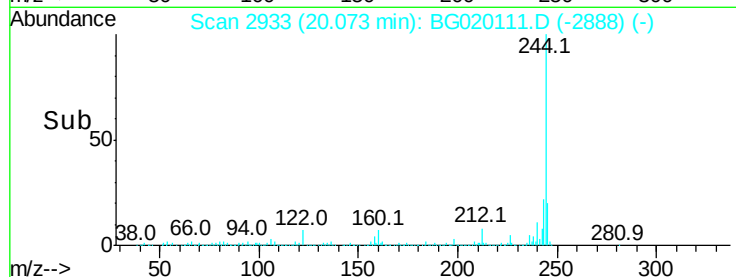
244 100

212 7.7 6.9 10.3

122 7.4 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: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020111.D

Acq: 11 Dec 2015 18:10

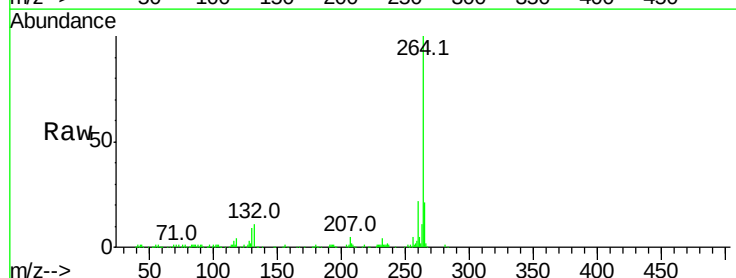
Tgt Ion:264 Resp: 171275

Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

265 21.0 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

