

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037063.D
 Acq On : 28 Sep 2018 23:36
 Operator : JU/SJ
 Sample : J5149-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-3

Quant Time: Sep 29 06:40:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

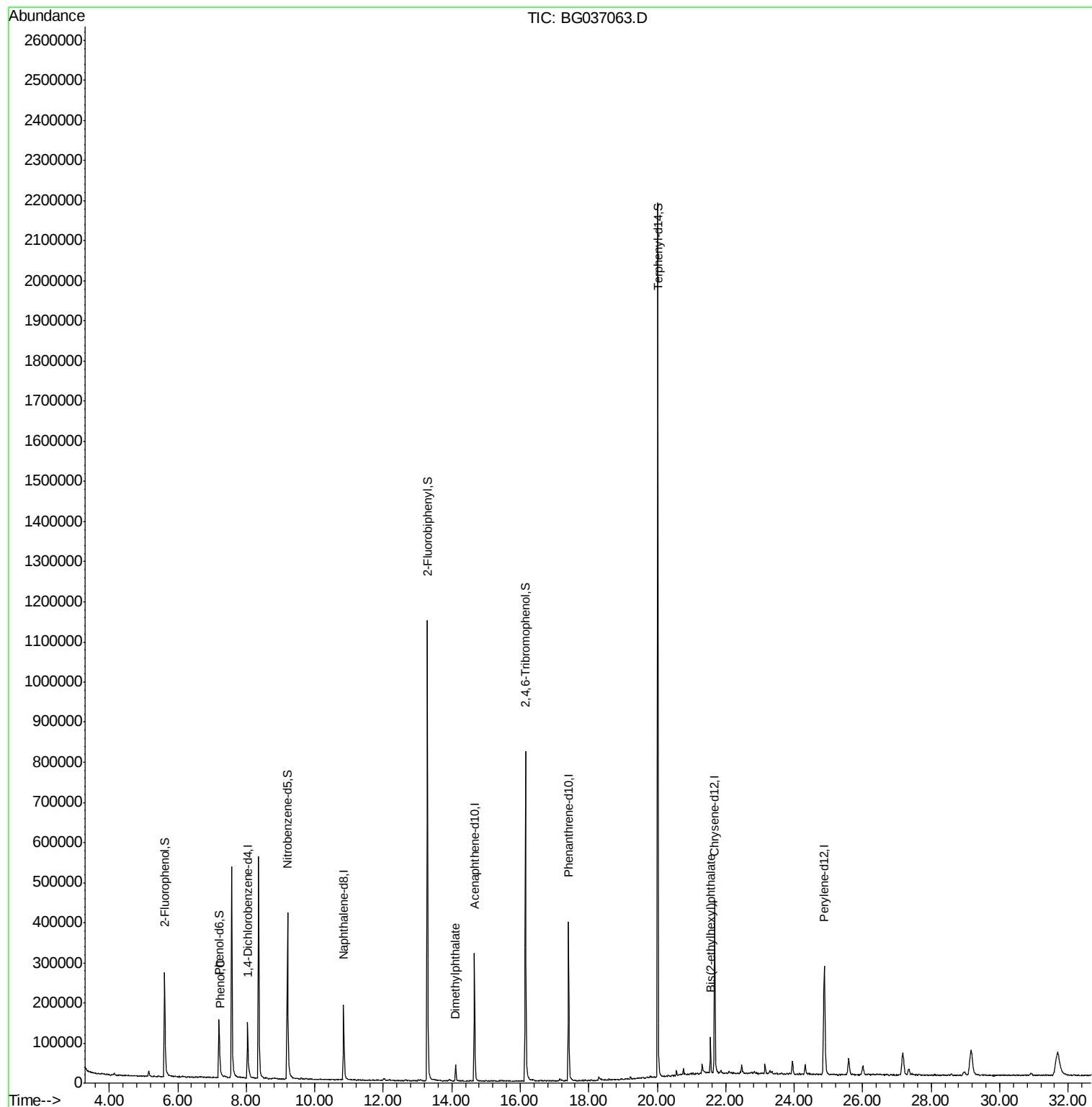
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45954	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	186648	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	113263	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	277284	20.00	ng	0.00
75) Chrysene-d12	21.67	240	290281	20.00	ng	-0.02
86) Perylene-d12	24.87	264	291923	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134423	56.10	ng	0.00
7) Phenol-d6	7.20	99	104775	28.26	ng	-0.01
23) Nitrobenzene-d5	9.20	82	311701	89.43	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	159191	117.47	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	631606	83.06	ng	-0.01
78) Terphenyl-d14	20.01	244	1018921	92.30	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	9286	2.427	ng	88
49) Dimethylphthalate	14.11	163	30443	3.339	ng	# 98
83) Bis(2-ethylhexyl)phthalate	21.55	149	34899	3.598	ng	# 93

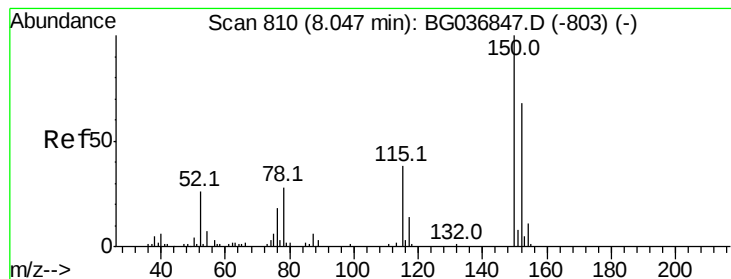
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037063.D

Acq: 28 Sep 2018 23:36

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WS-3

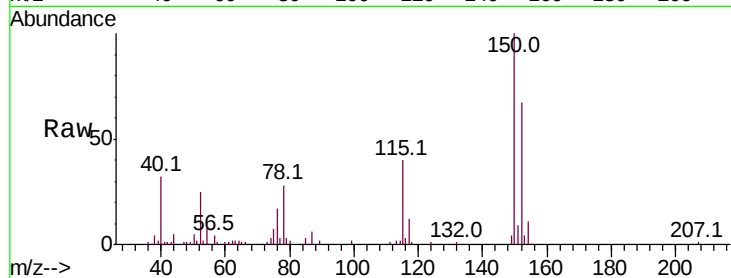
Tot Ion:152 Resp: 45954

Ion Ratio Lower Upper

152 100

150 149.1 119.5 179.3

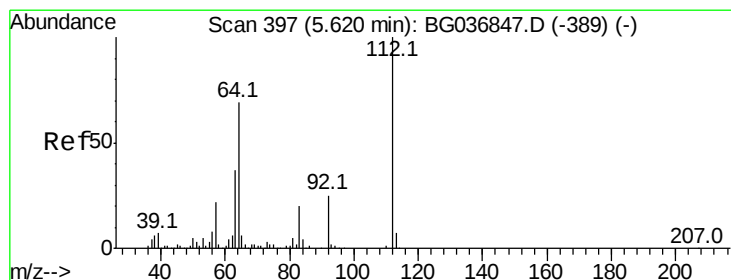
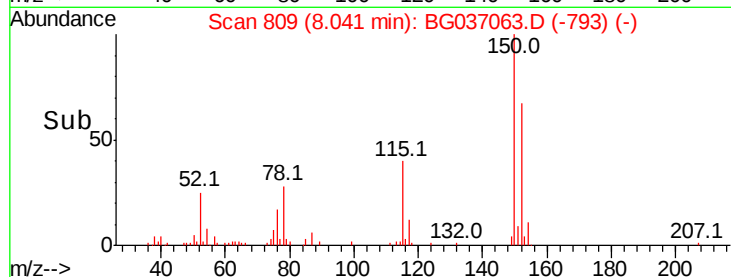
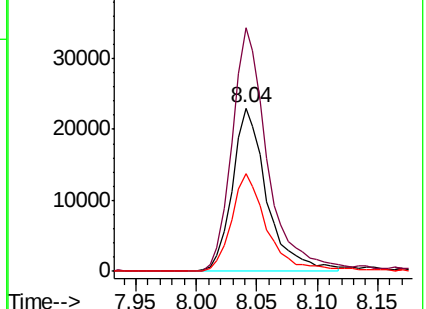
115 59.6 44.5 66.7



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: 56.098 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037063.D

Acq: 28 Sep 2018 23:36

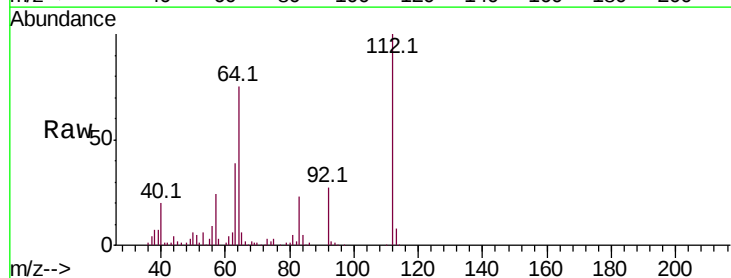
Tgt Ion:112 Resp: 134423

Ion Ratio Lower Upper

112 100

64 75.0 57.2 85.8

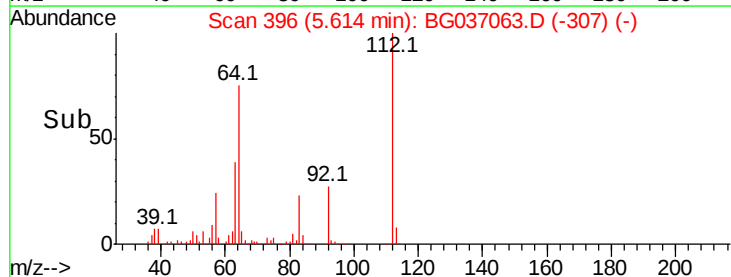
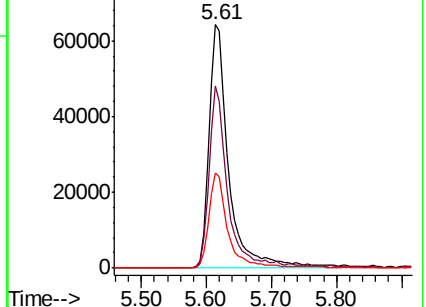
63 39.3 30.8 46.2

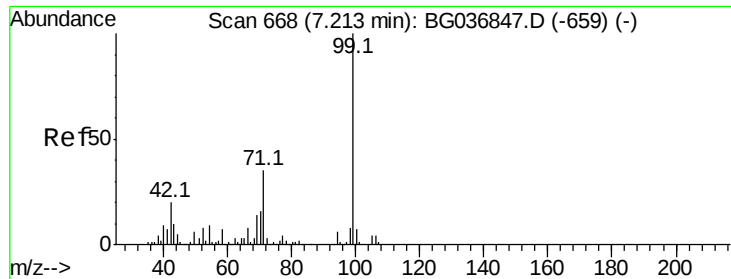


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.262 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037063.D

Acq: 28 Sep 2018 23:36

Instrument :

BNA_G

ClientSampleId :

WS-3

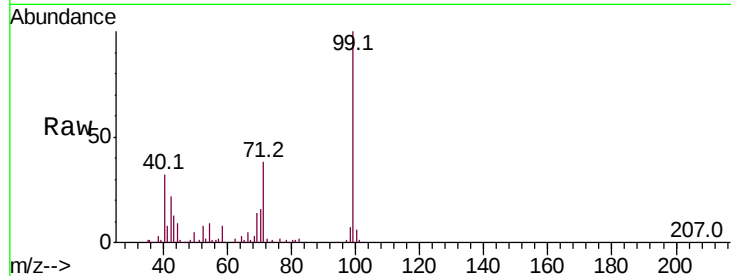
Tot Ion: 99 Resp: 104775

Ion Ratio Lower Upper

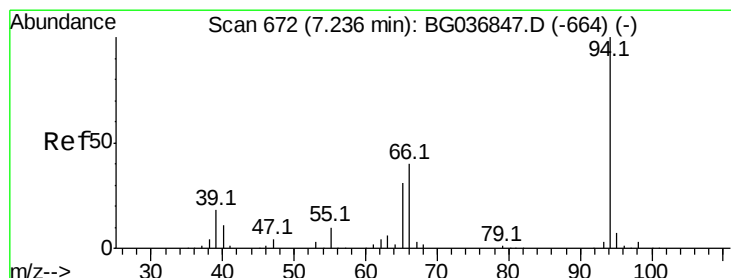
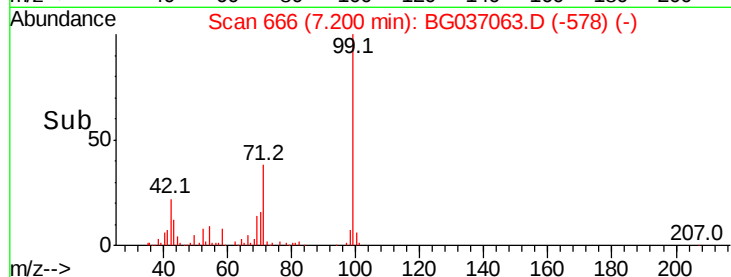
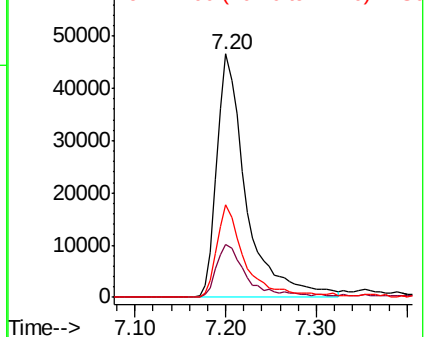
99 100

42 21.9 16.5 24.7

71 38.1 29.4 44.2



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



#10

Phenol

Concen: 2.427 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037063.D

Acq: 28 Sep 2018 23:36

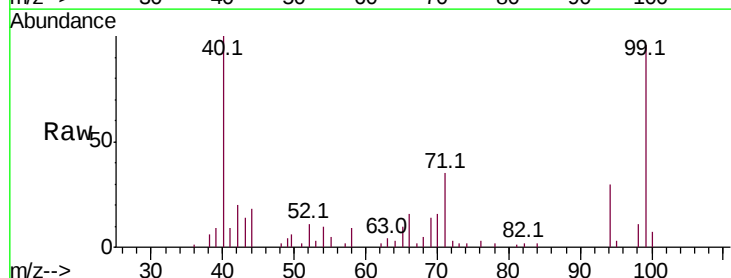
Tgt Ion: 94 Resp: 9286

Ion Ratio Lower Upper

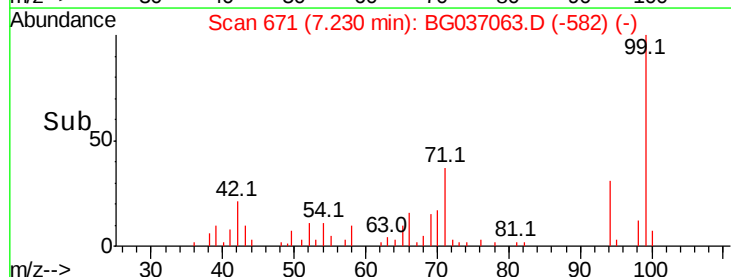
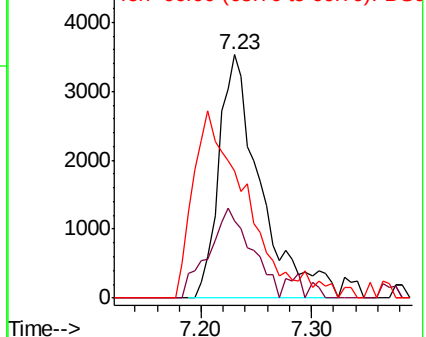
94 100

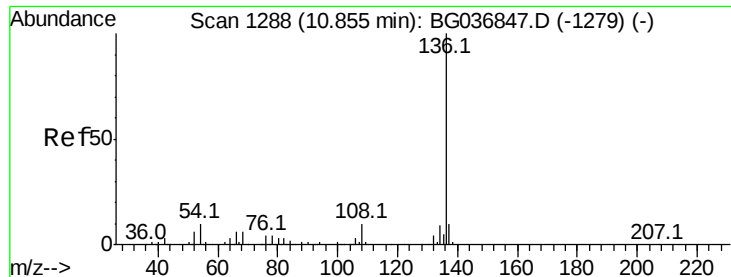
65 31.8 11.5 51.5

66 52.1 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

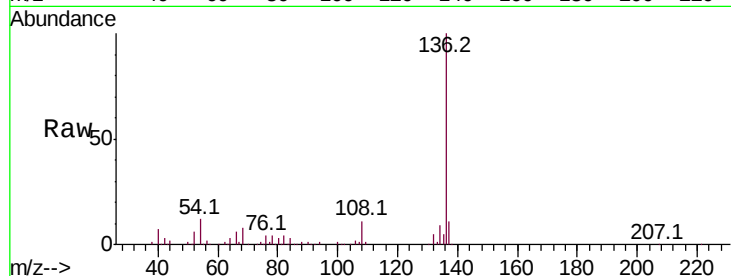




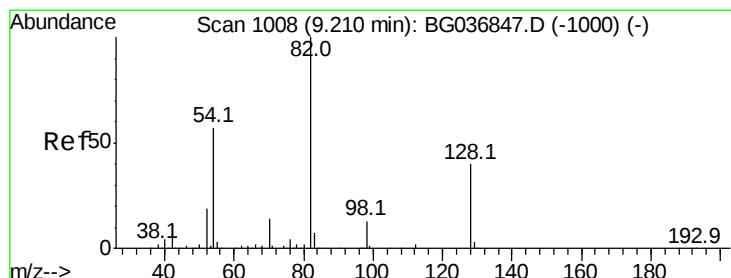
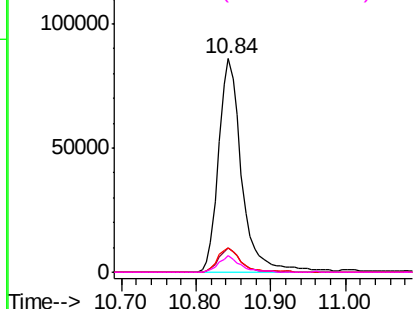
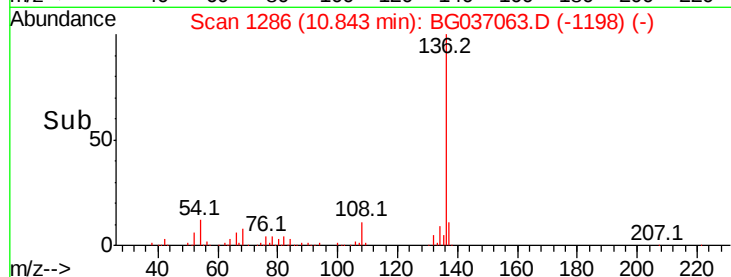
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tot Ion:136	Resp:	186648
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	11.7	9.2 13.8
68	7.8	5.8 8.6

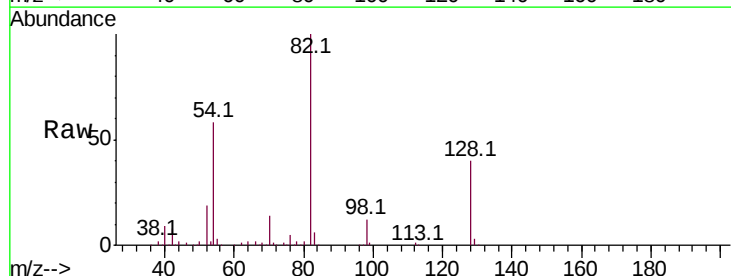


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

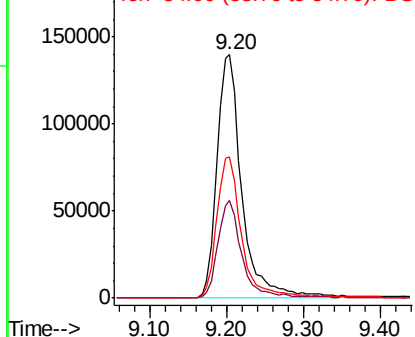
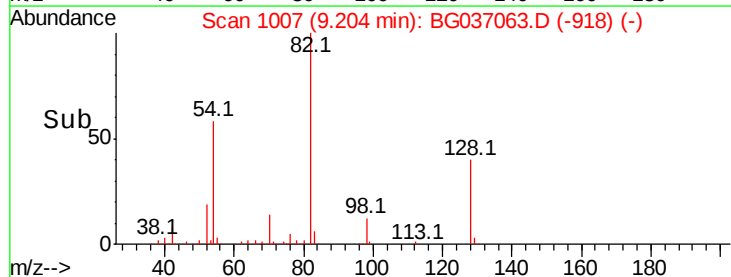


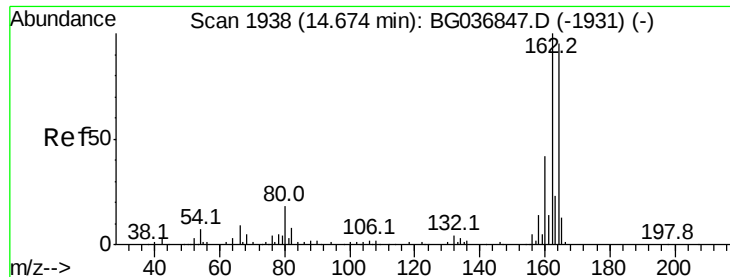
#23
Nitrobenzene-d5
Concen: 89.430 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion: 82	Resp:	311701
Ion	Ratio	Lower Upper
82	100	
128	39.9	33.3 49.9
54	58.0	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037063.D

Acq: 28 Sep 2018 23:36

Instrument :

BNA_G

ClientSampleId :

WS-3

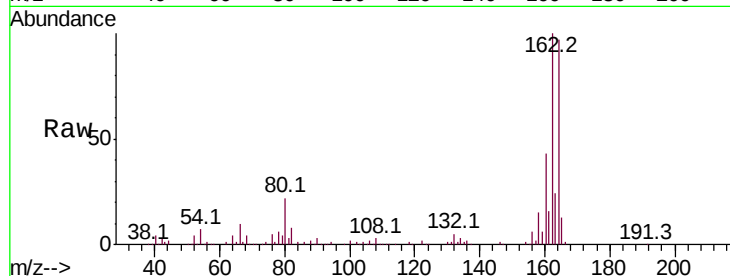
Tot Ion:164 Resp: 113263

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

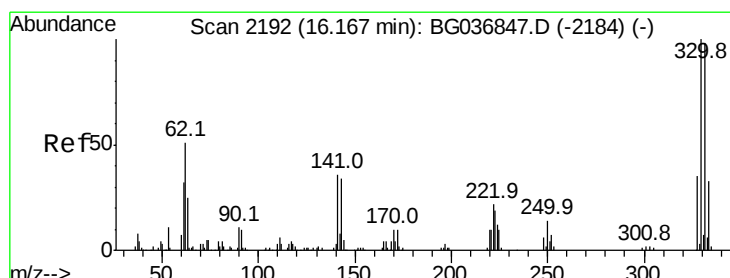
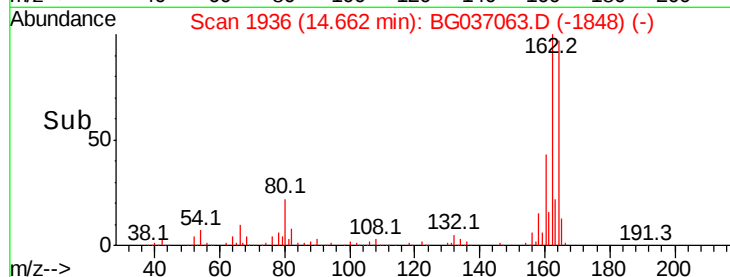
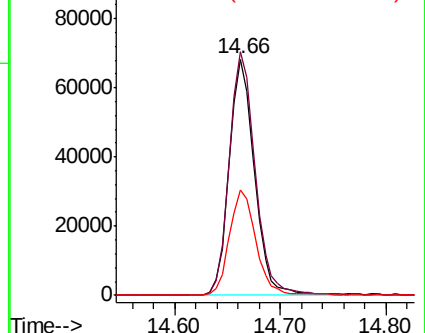
160 44.6 35.3 52.9



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: 117.474 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037063.D

Acq: 28 Sep 2018 23:36

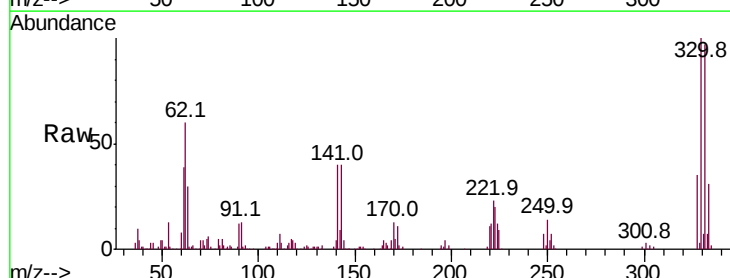
Tgt Ion:330 Resp: 159191

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

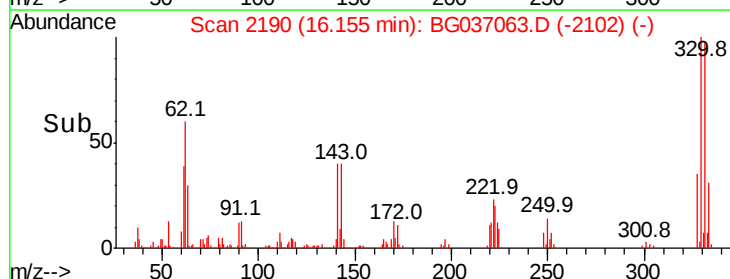
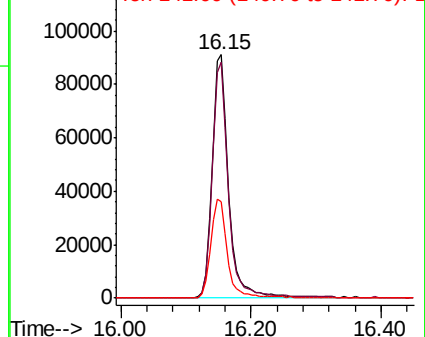
141 41.3 30.7 46.1

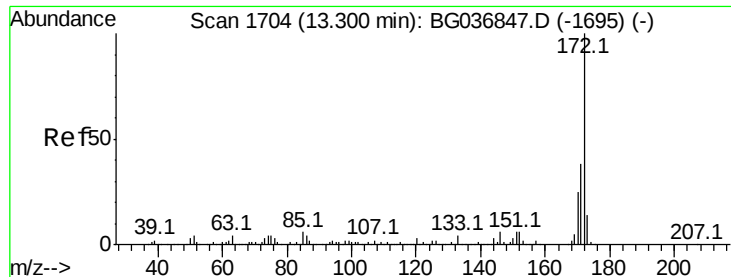


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

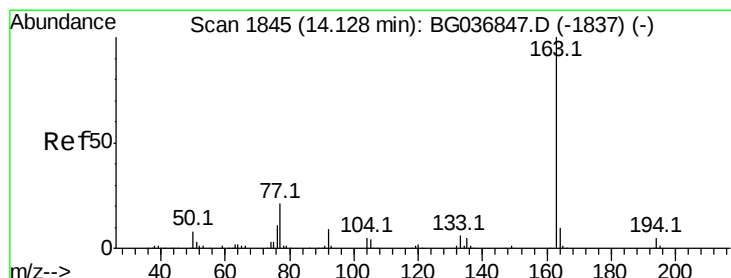
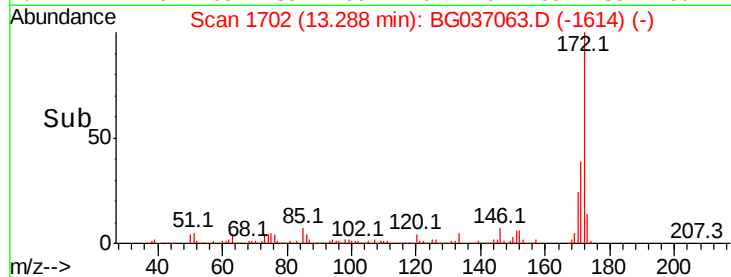
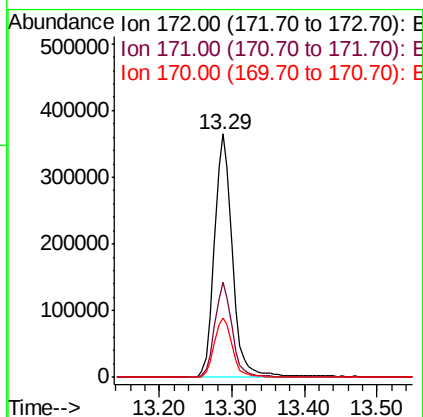
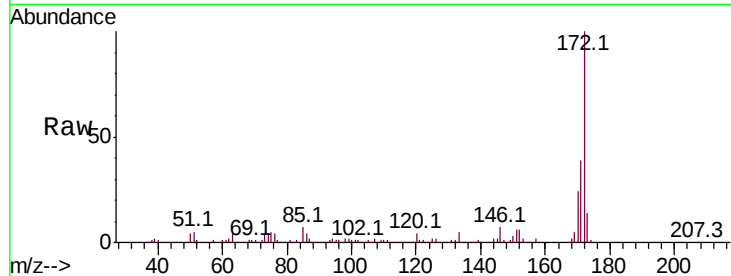




#44
2-Fluorobiphenyl
Concen: 83.055 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

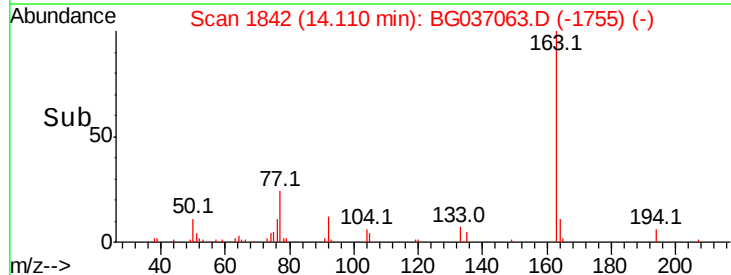
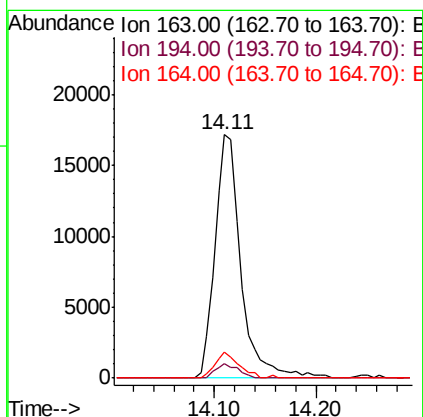
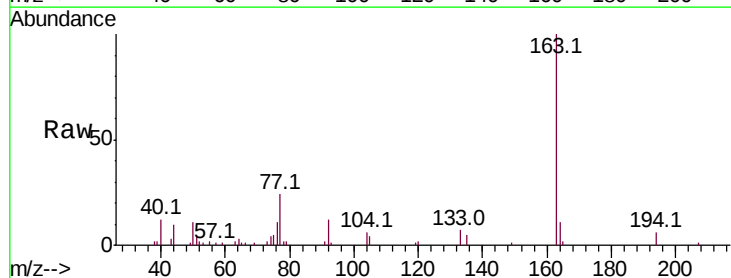
Instrument :
BNA_G
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WS-3

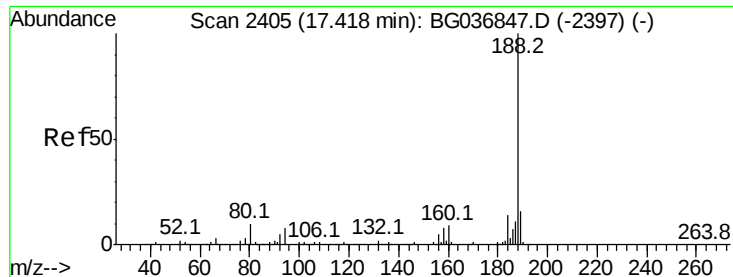
Tot Ion:172 Resp: 631606
Ion Ratio Lower Upper
172 100
171 38.9 31.3 46.9
170 24.1 21.0 31.6



#49
Dimethylphthalate
Concen: 3.339 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:163 Resp: 30443
Ion Ratio Lower Upper
163 100
194 6.0 4.0 6.0#
164 10.7 8.1 12.1

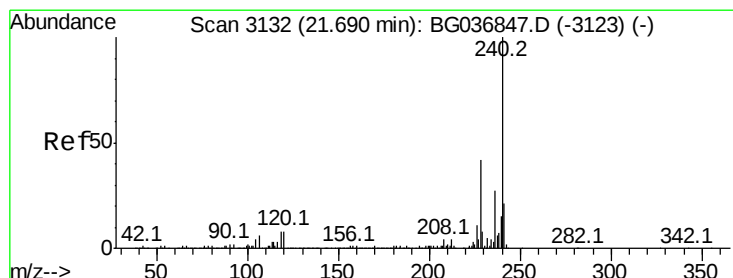
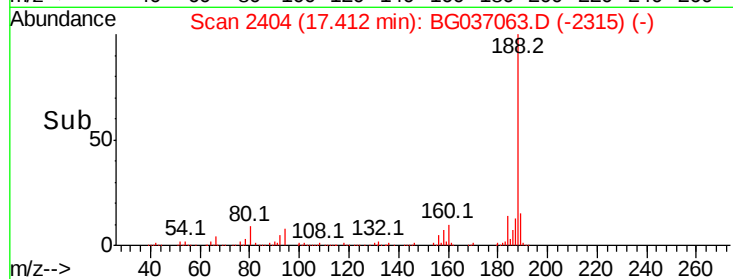
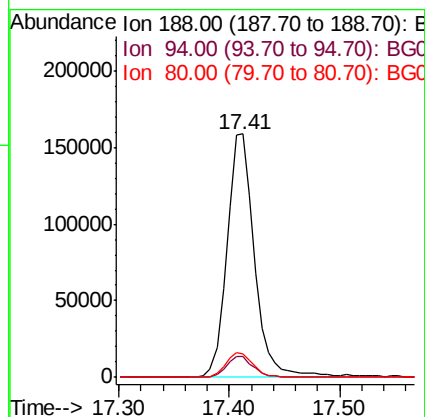
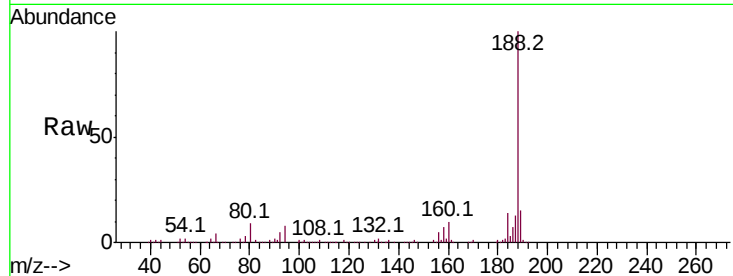




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

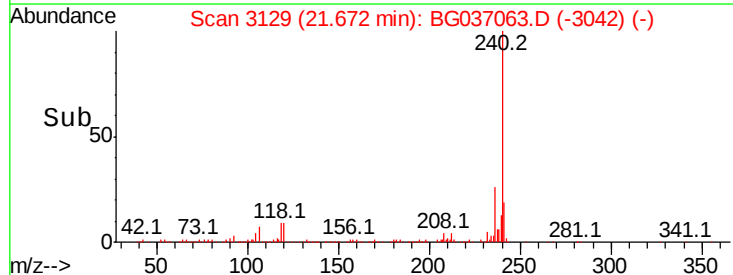
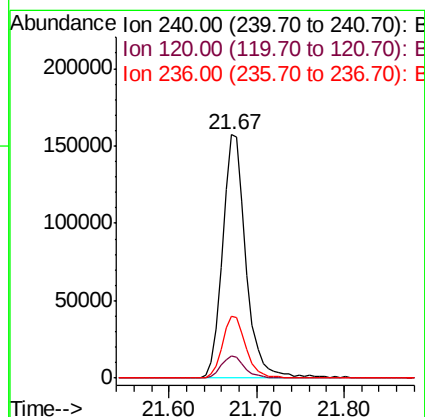
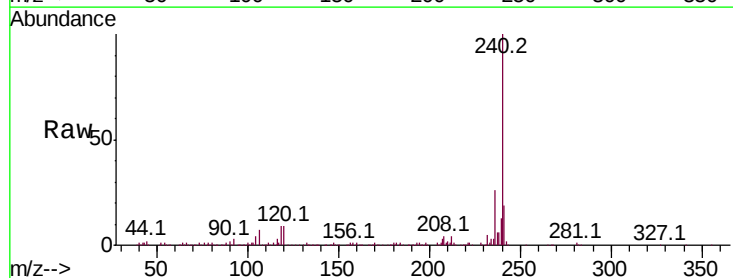
Instrument :
BNA_G
ClientSampleId :
WS-3

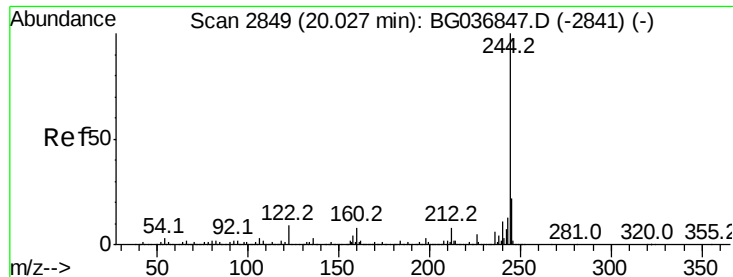
Tot Ion:188 Resp: 277284
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Tgt Ion:240 Resp: 290281
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 25.6 21.2 31.8



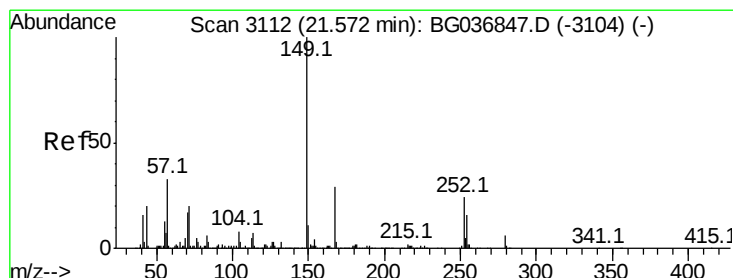
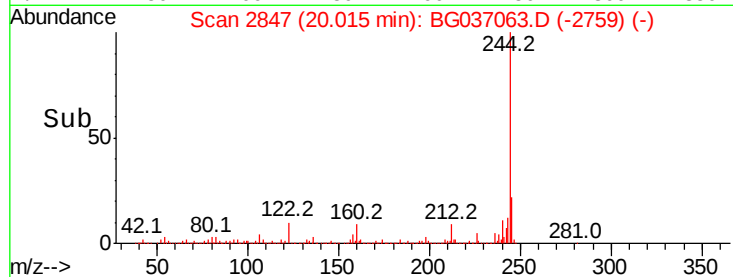
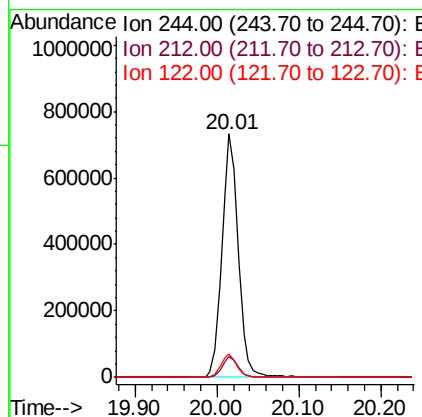
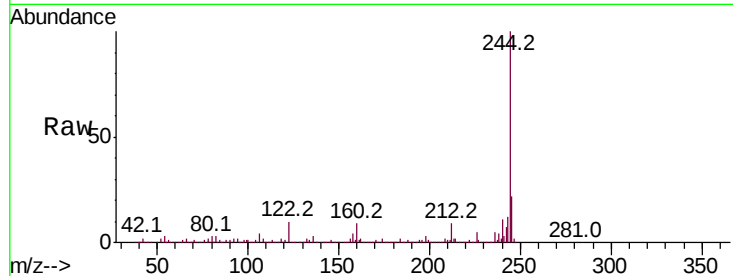


#78
 Terphenyl-d14
 Concen: 92.298 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037063.D
 Acq: 28 Sep 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 WS-3

Tot Ion:244 Resp: 1018921

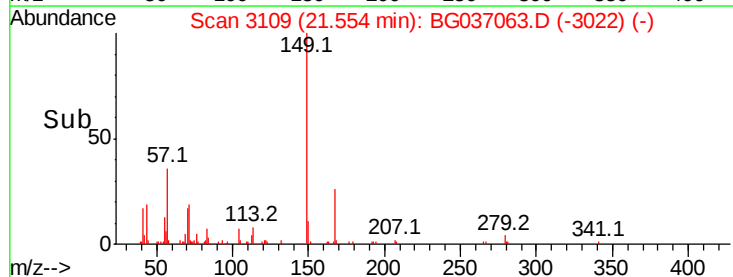
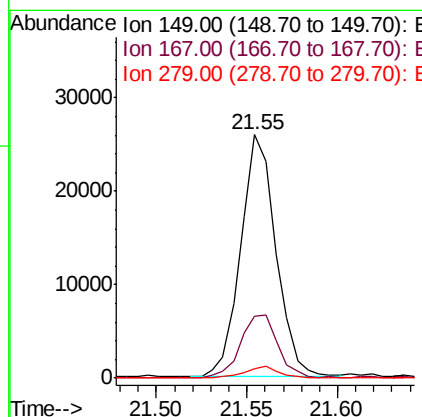
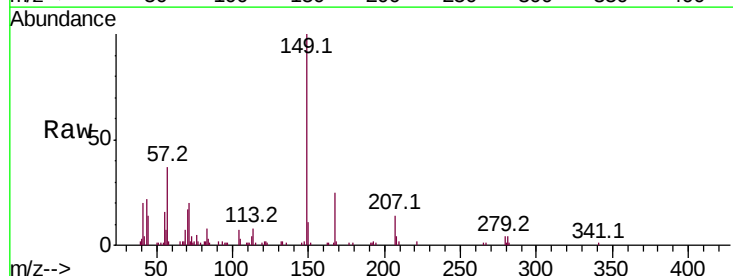
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.6	7.1	10.7

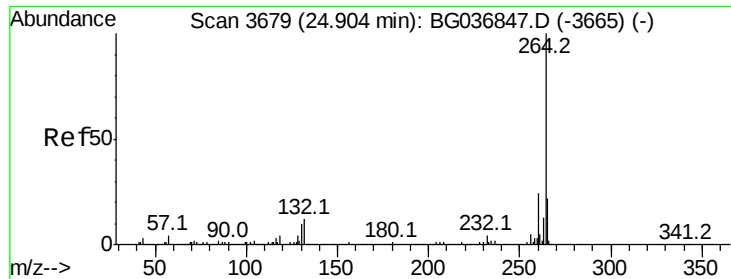


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.598 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037063.D
 Acq: 28 Sep 2018 23:36

Tgt Ion:149 Resp: 34899

Ion	Ratio	Lower	Upper
149	100		
167	25.4	23.4	35.0
279	3.7	4.6	7.0#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037063.D
Acq: 28 Sep 2018 23:36

Instrument :
BNA_G
ClientSampleId :
WS-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.6	17.4	26.0

