

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043922.D
 Acq On : 4 Jan 2020 14:50
 Operator : JU
 Sample : K6449-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-05

Quant Time: Jan 06 05:57:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

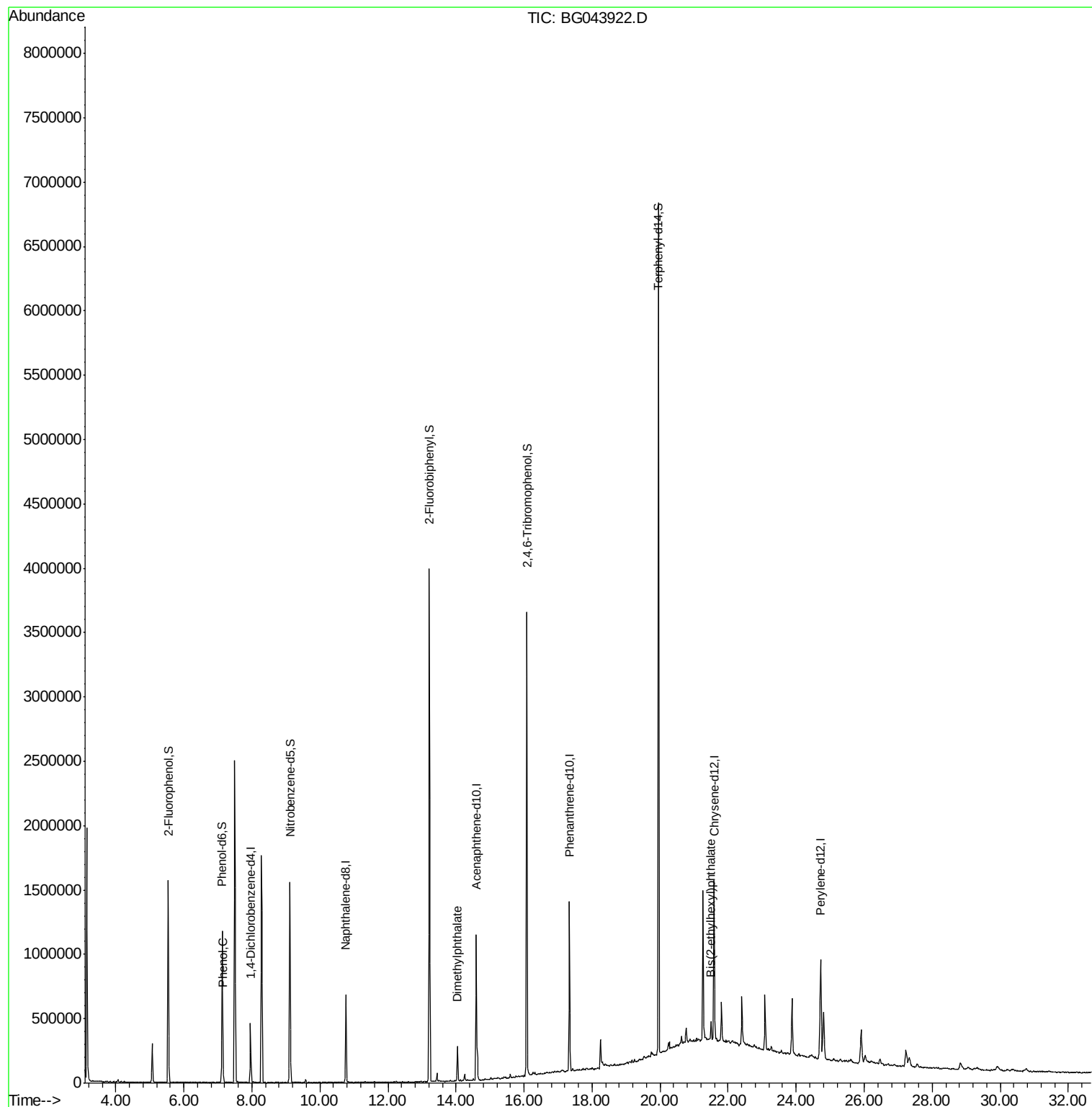
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134814	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	592206	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	395628	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	818466	20.00	ng	0.00
76) Chrysene-d12	21.59	240	692184	20.00	ng	0.00
87) Perylene-d12	24.72	264	792385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	729158	99.31	ng	0.00
7) Phenol-d6	7.13	99	709543	69.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	957097	86.46	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	613323	148.14	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2012741	92.17	ng	0.00
79) Terphenyl-d14	19.95	244	2637351	94.58	ng	0.00
Target Compounds						
10) Phenol	7.15	94	36609	3.462	ng	91
50) Dimethylphthalate	14.04	163	184632	6.573	ng	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	62460	2.104	ng	97

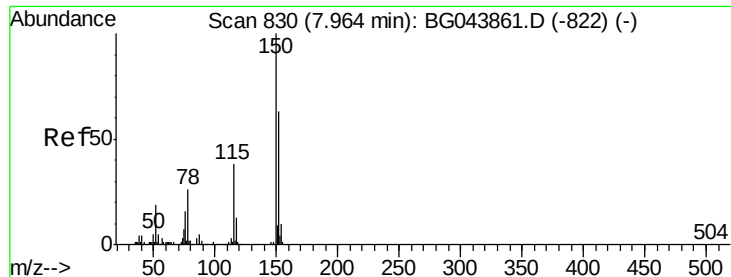
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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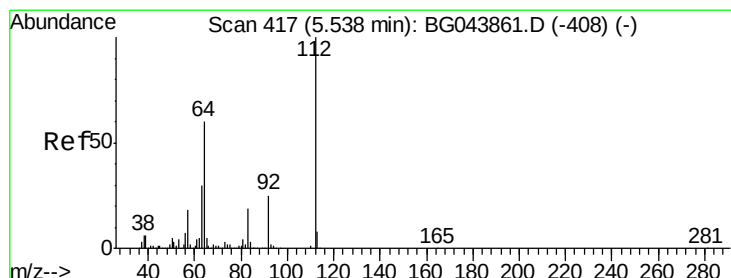
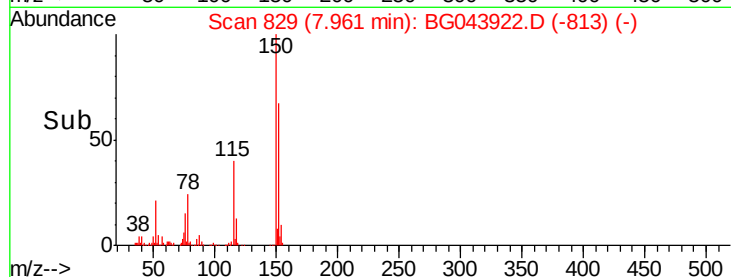
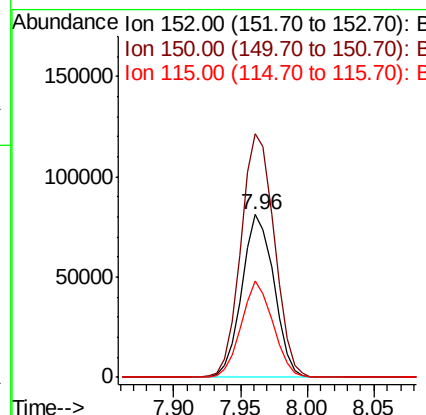
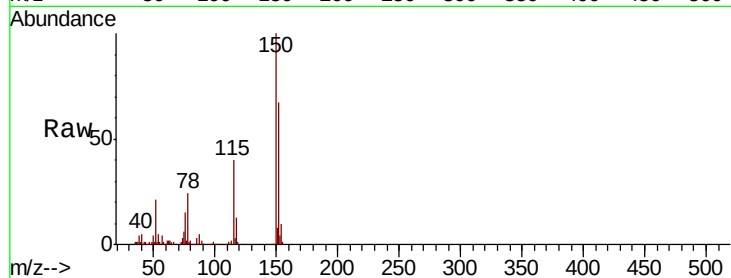


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043922.D
Acq: 4 Jan 2020 14:50

Instrument :
BNA_G
ClientSampleId :
LW-05

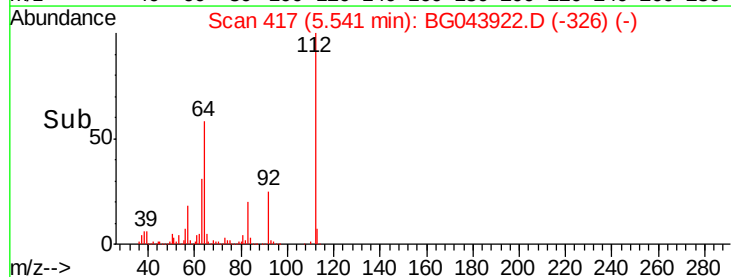
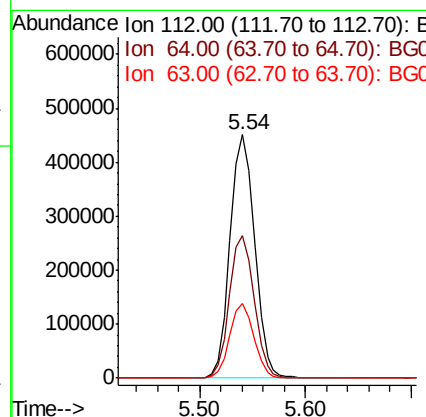
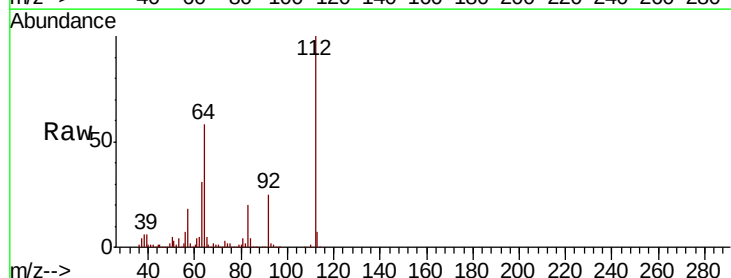
Tot Ion:152 Resp: 134814
Ion Ratio Lower Upper
152 100
150 150.0 127.0 190.4
115 59.3 47.8 71.8

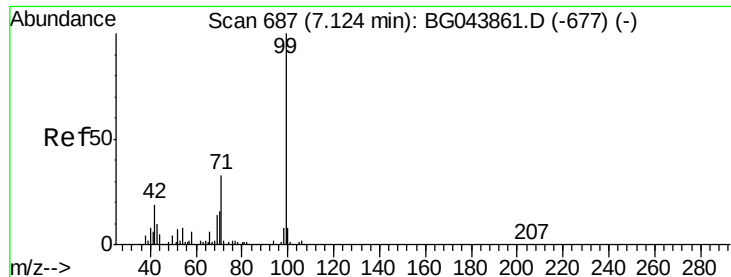


#5

2-Fluorophenol
Concen: 99.309 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043922.D
Acq: 4 Jan 2020 14:50

Tgt Ion:112 Resp: 729158
Ion Ratio Lower Upper
112 100
64 58.4 47.8 71.6
63 30.8 24.3 36.5





#7

Phenol-d6

Concen: 69.134 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

Instrument :

BNA_G

ClientSampled :

LW-05

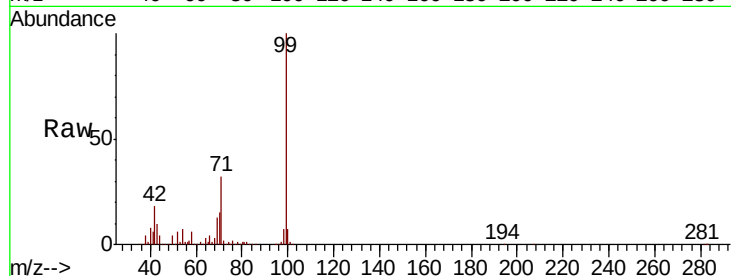
Tot Ion: 99 Resp: 709543

Ion Ratio Lower Upper

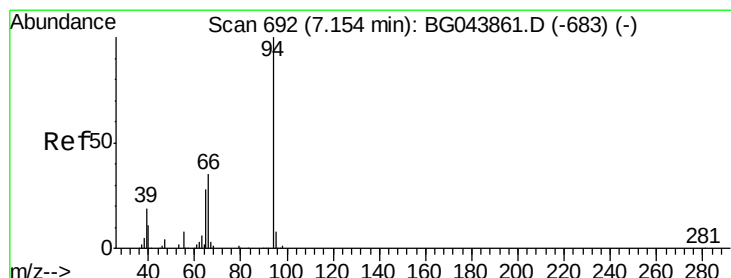
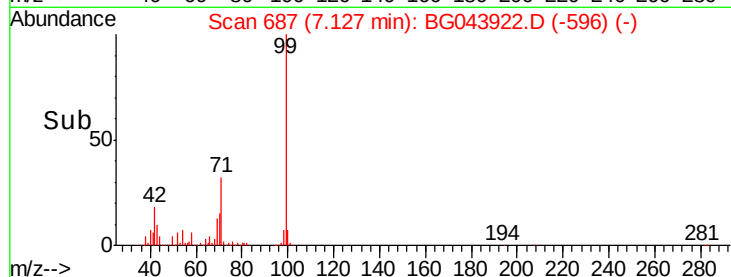
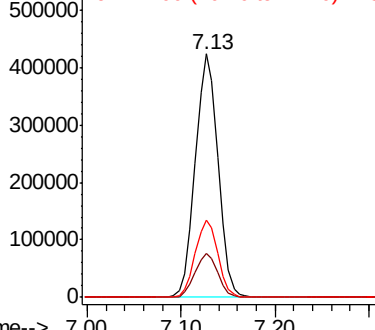
99 100

42 18.0 14.9 22.3

71 31.6 26.4 39.6



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: 3.462 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

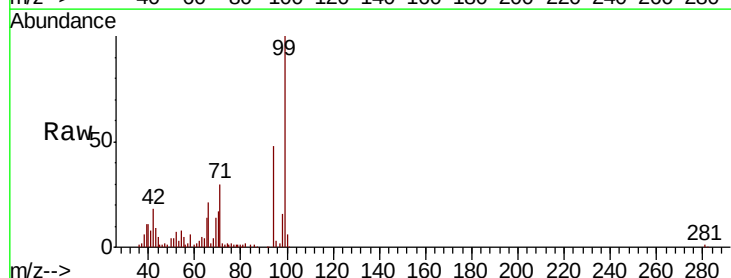
Tgt Ion: 94 Resp: 36609

Ion Ratio Lower Upper

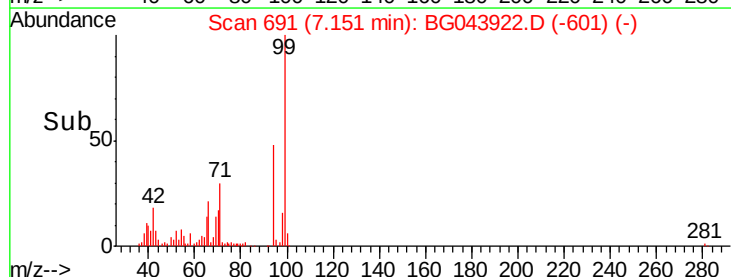
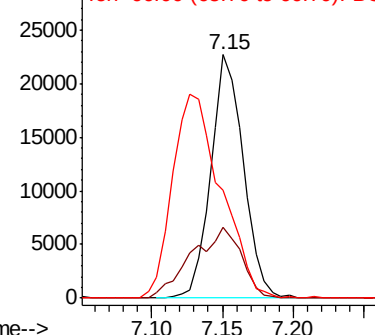
94 100

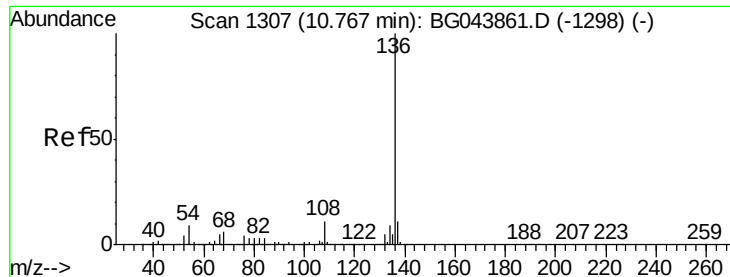
65 29.0 8.1 48.1

66 44.2 15.6 55.6



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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

Instrument :

BNA_G

ClientSampled :

LW-05

Tot Ion:136 Resp: 592206

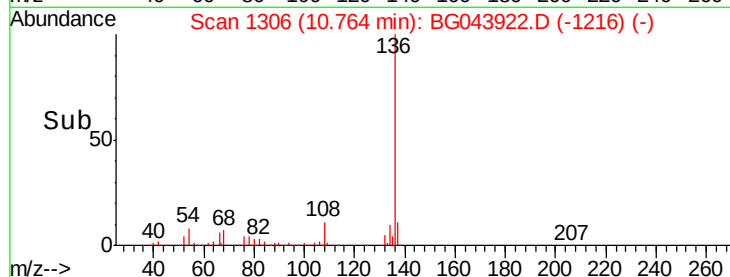
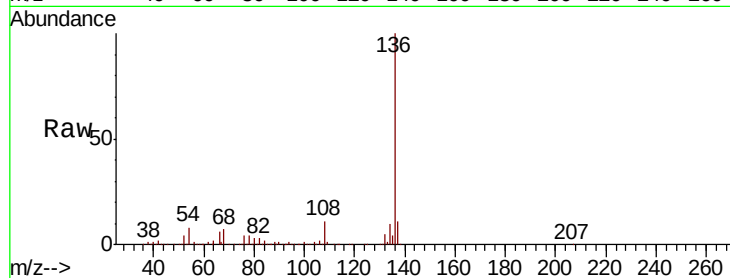
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.2 7.0 10.4

68 6.5 4.9 7.3

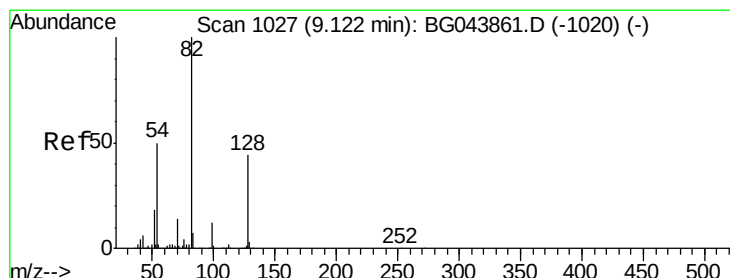
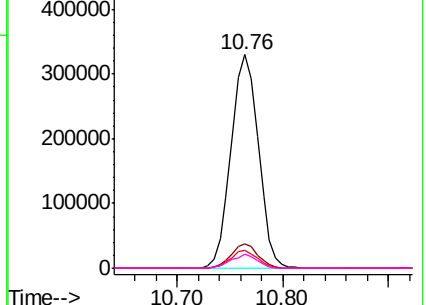


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.458 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

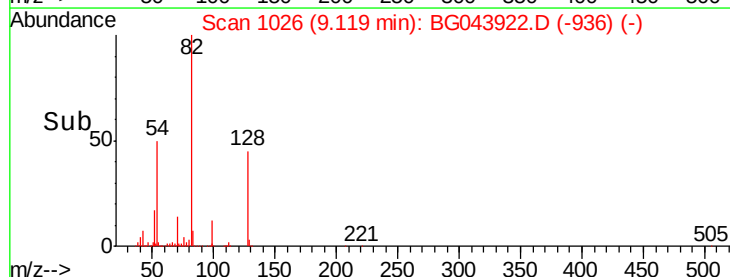
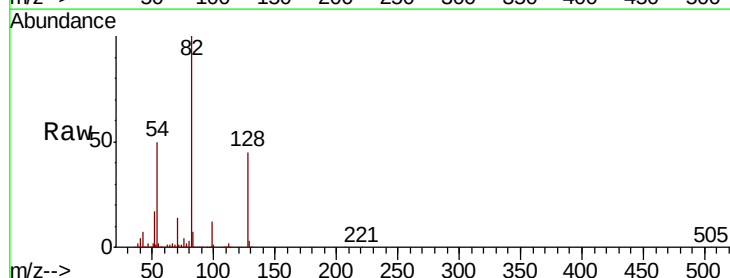
Tgt Ion: 82 Resp: 957097

Ion Ratio Lower Upper

82 100

128 44.8 35.1 52.7

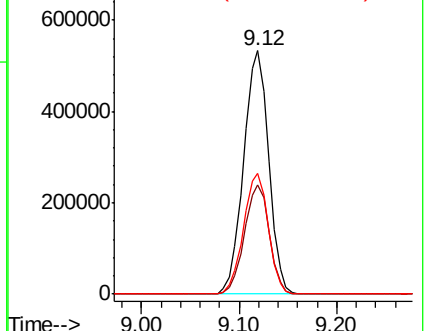
54 49.8 40.1 60.1

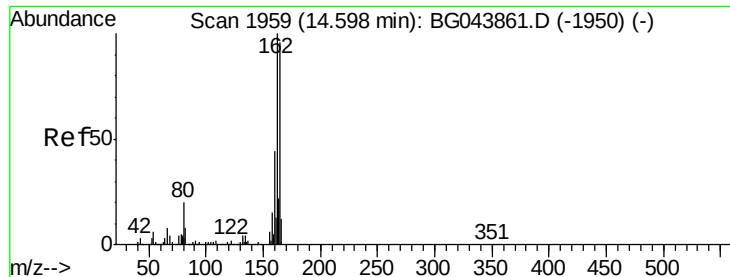


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

Instrument :

BNA_G

ClientSampleId :

LW-05

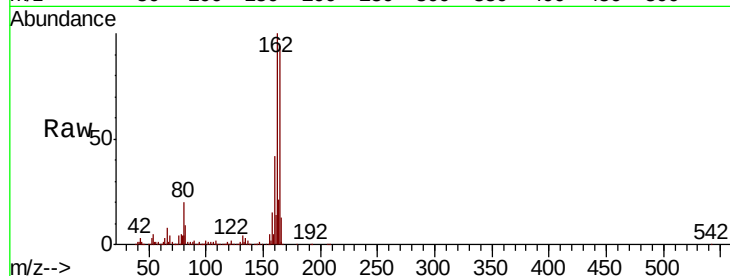
Tot Ion:164 Resp: 395628

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.4

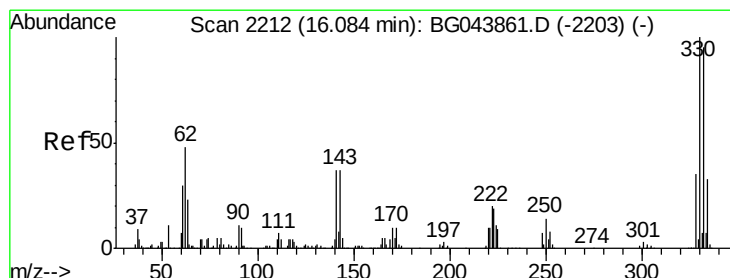
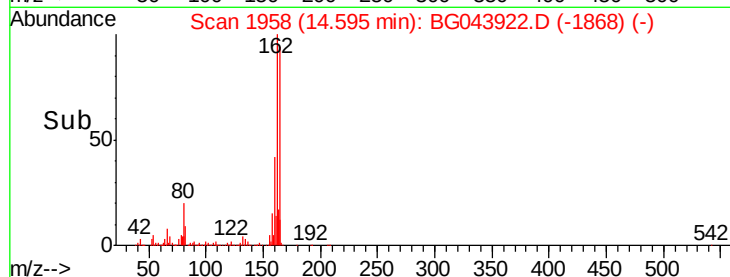
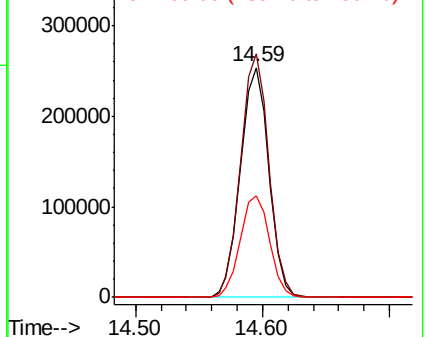
160 44.2 36.1 54.1



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



#42

2,4,6-Tribromophenol

Concen: 148.140 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

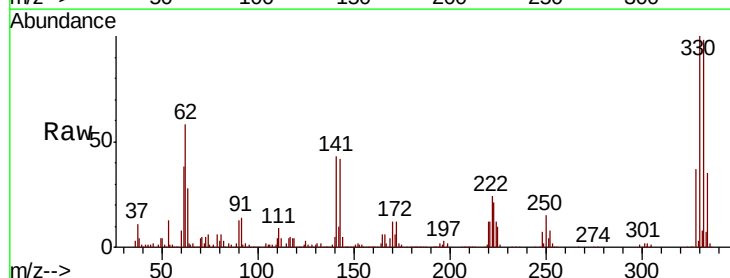
Tgt Ion:330 Resp: 613323

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

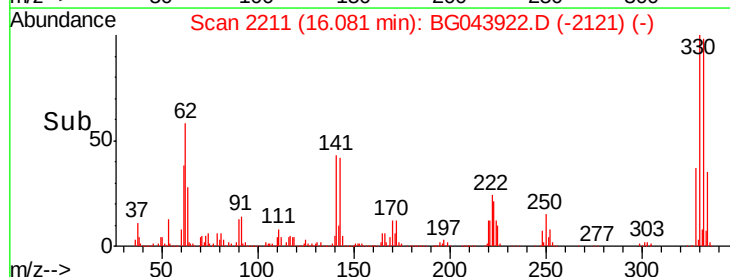
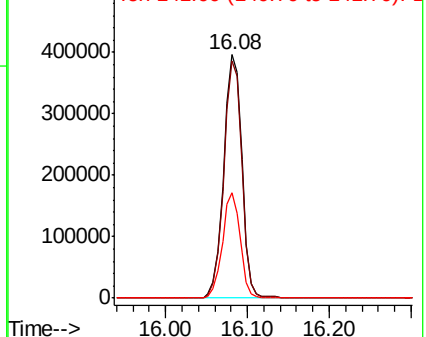
141 42.1 33.1 49.7

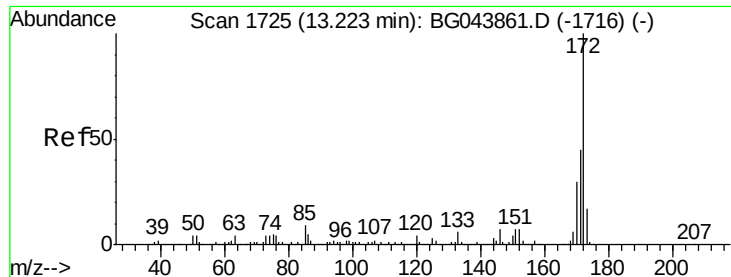


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

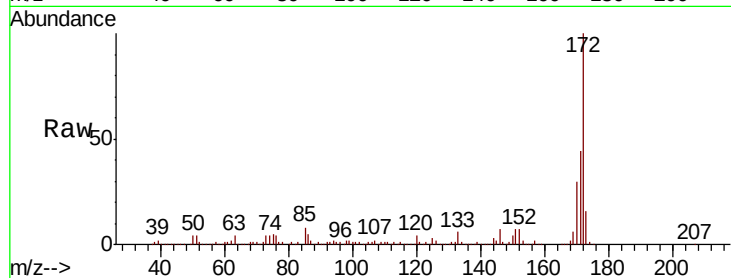




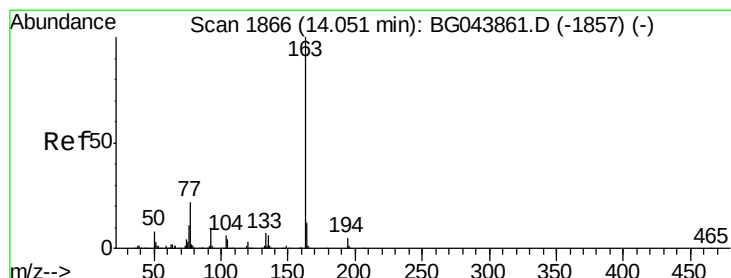
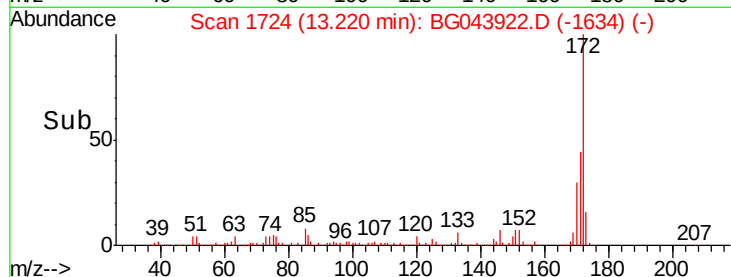
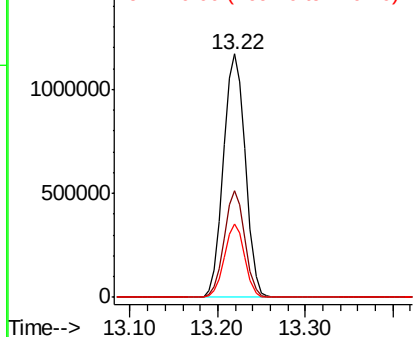
#45
2-Fluorobiphenyl
Concen: 92.173 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043922.D
Acq: 4 Jan 2020 14:50

Instrument :
BNA_G
ClientSampleId :
LW-05

Tot Ion:172 Resp: 2012741
Ion Ratio Lower Upper
172 100
171 43.7 35.8 53.8
170 30.2 24.2 36.4

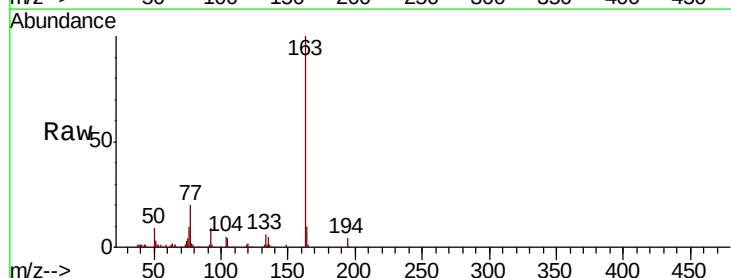


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

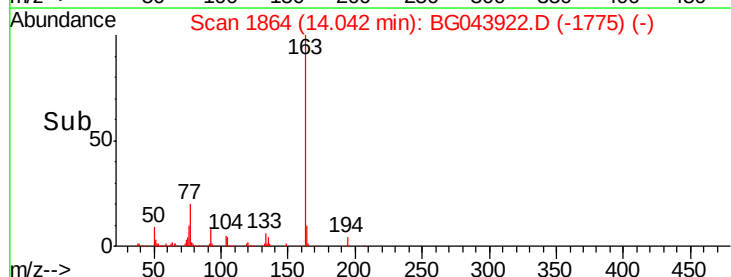
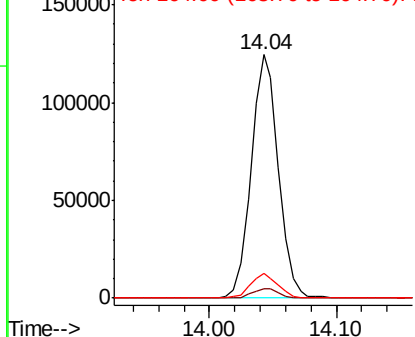


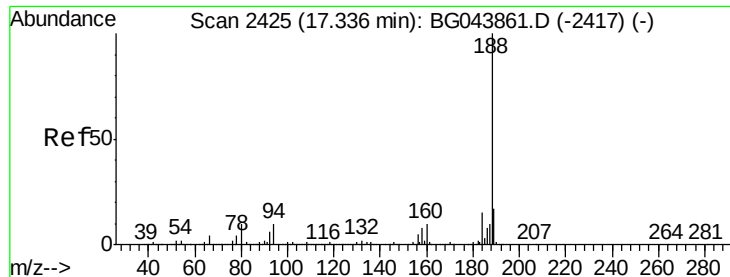
#50
Dimethylphthalate
Concen: 6.573 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043922.D
Acq: 4 Jan 2020 14:50

Tgt Ion:163 Resp: 184632
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 10.2 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

Instrument :

BNA_G

ClientSampleId :

LW-05

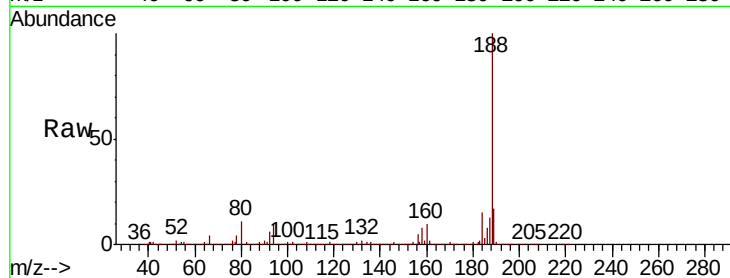
Tot Ion:188 Resp: 818466

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

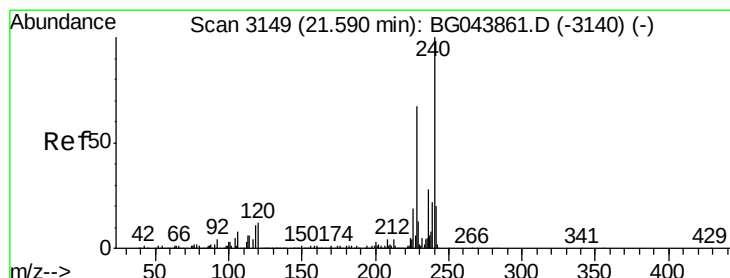
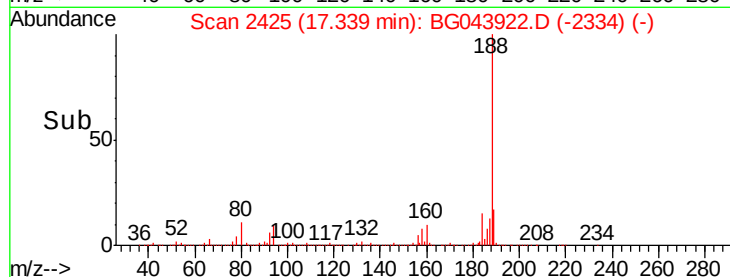
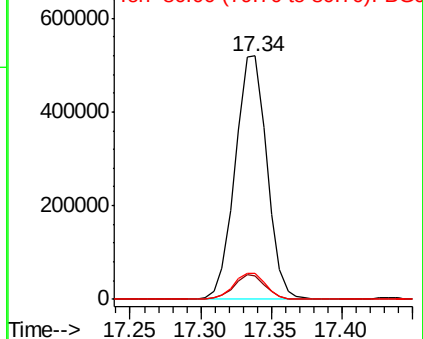
80 10.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

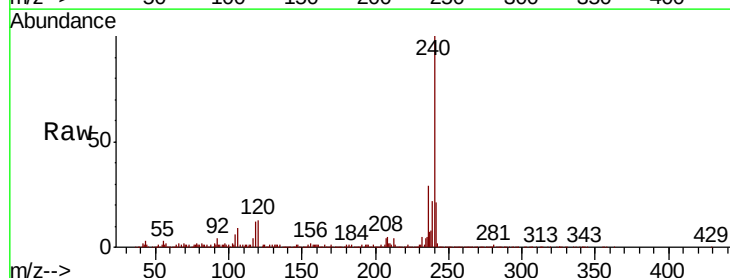
Tgt Ion:240 Resp: 692184

Ion Ratio Lower Upper

240 100

120 12.8 9.6 14.4

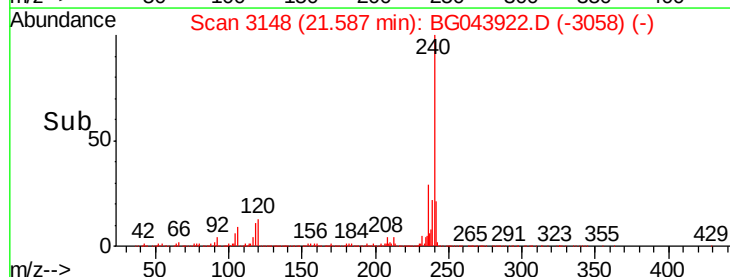
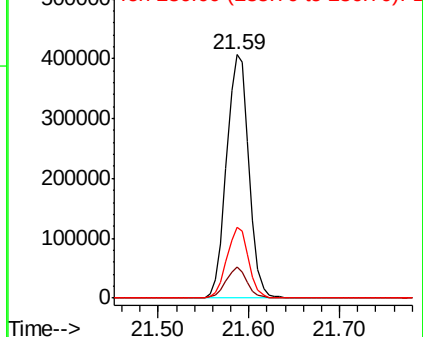
236 28.9 22.2 33.2

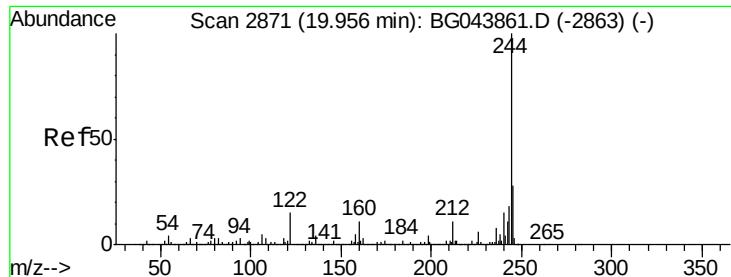


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.578 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

Instrument :

BNA_G

ClientSampleId :

LW-05

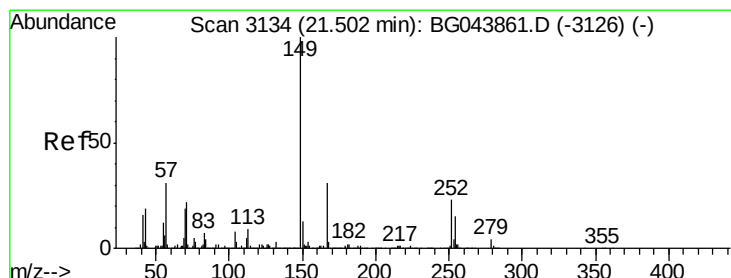
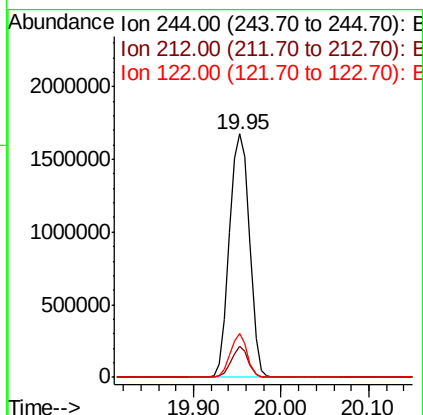
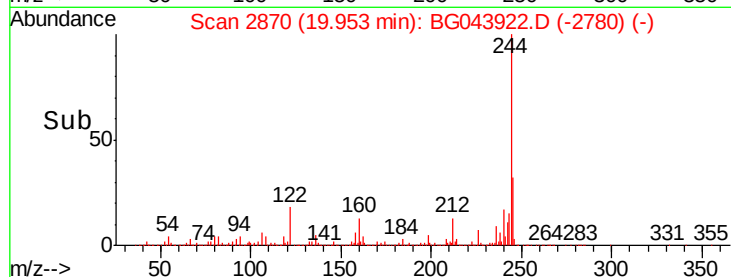
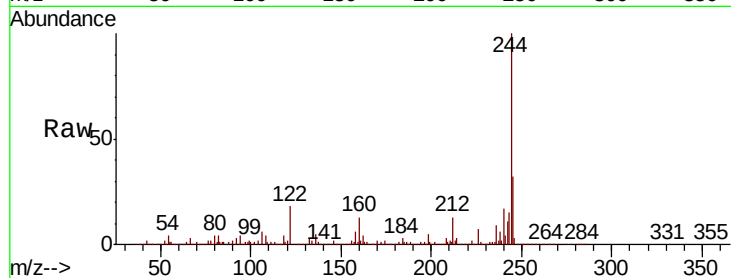
Tot Ion:244 Resp: 2637351

Ion Ratio Lower Upper

244 100

212 12.8 8.6 13.0

122 17.9 11.9 17.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.104 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG043922.D

Acq: 4 Jan 2020 14:50

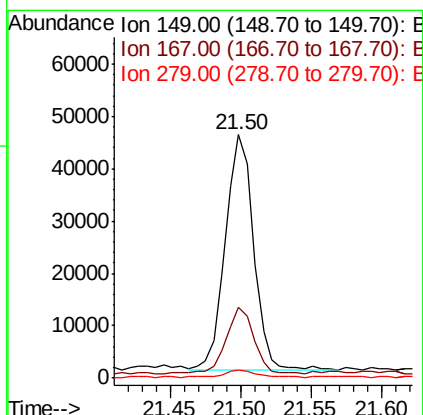
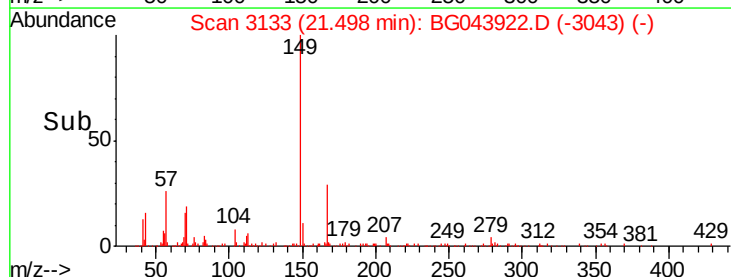
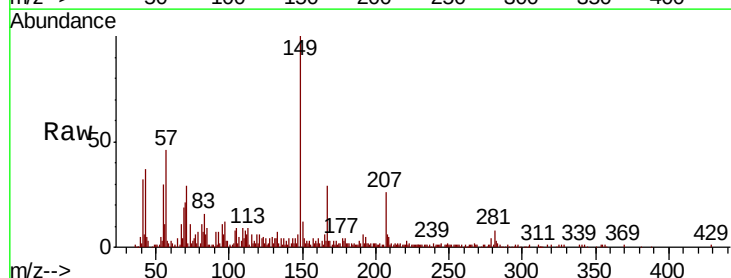
Tgt Ion:149 Resp: 62460

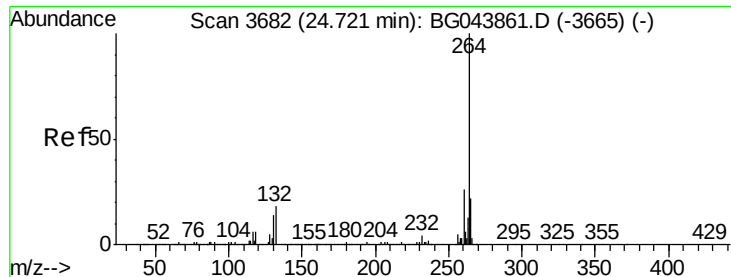
Ion Ratio Lower Upper

149 100

167 29.1 24.7 37.1

279 3.6 3.3 4.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043922.D
Acq: 4 Jan 2020 14:50

Instrument :
BNA_G
ClientSampleId :
LW-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.7	17.4	26.2

