

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044359.D
 Acq On : 10 Feb 2020 16:42
 Operator : CG/JU
 Sample : L1440-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Feb 10 17:20:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

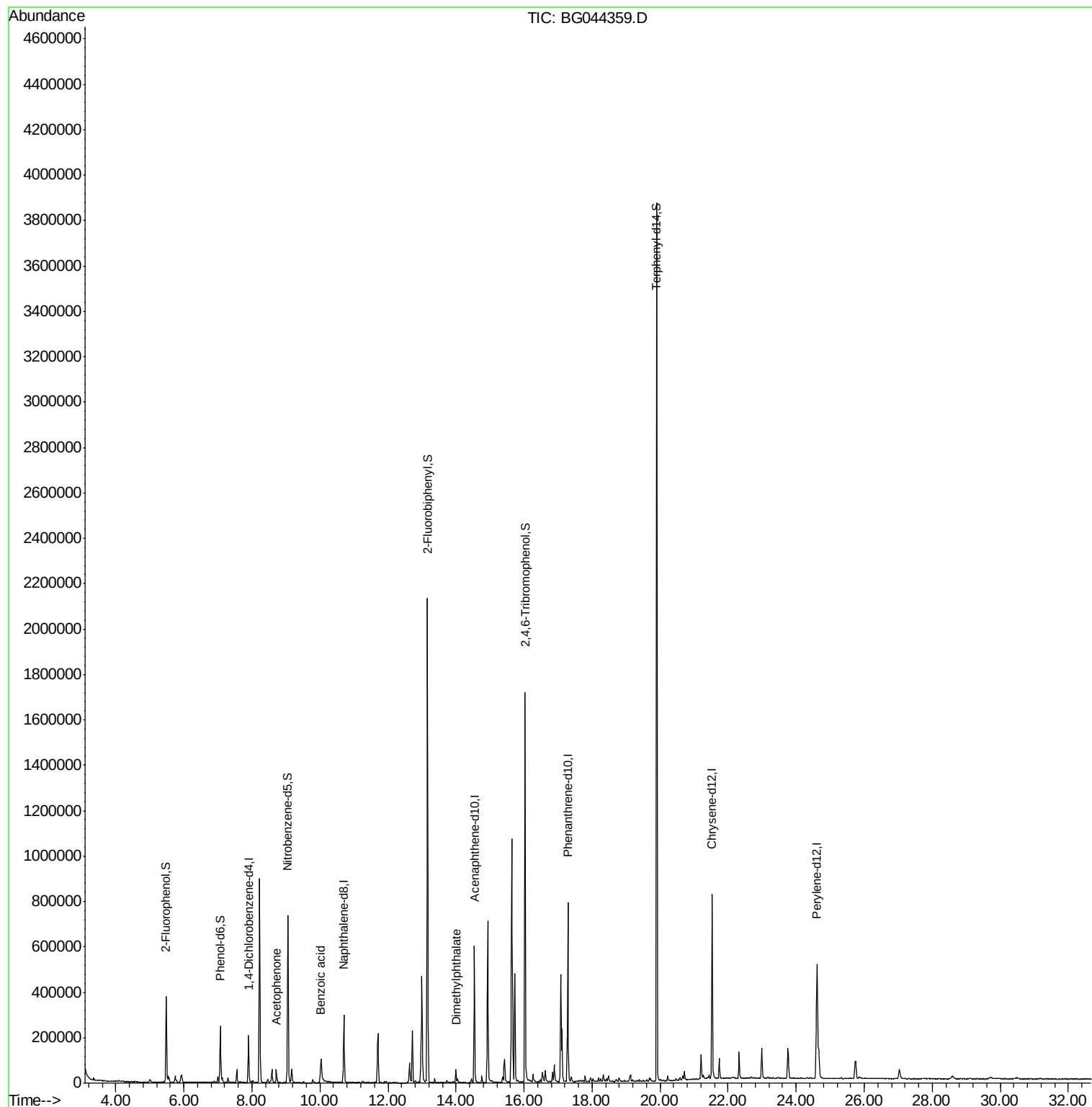
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	65661	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	286602	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	209213	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	500823	20.00	ng	0.00
76) Chrysene-d12	21.53	240	502055	20.00	ng	0.00
87) Perylene-d12	24.61	264	522270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	203932	54.81	ng	0.00
7) Phenol-d6	7.07	99	169476	33.92	ng	0.00
23) Nitrobenzene-d5	9.06	82	477160	93.99	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	320062	130.32	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1178226	94.31	ng	0.00
79) Terphenyl-d14	19.90	244	1877399	76.92	ng	0.00
Target Compounds						
22) Acetophenone	8.73	105	37978	5.447	ng	Qvalue # 94
32) Benzoic acid	10.03	122	59938	31.838	ng	95
50) Dimethylphthalate	14.00	163	44391	2.952	ng	98

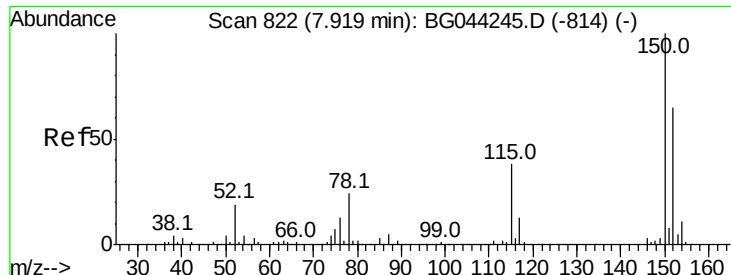
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



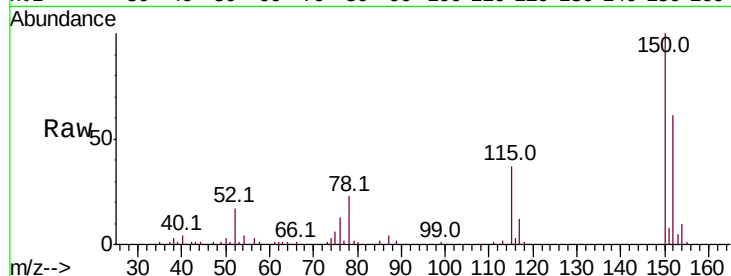


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044359.D
Acq: 10 Feb 2020 16:42

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	122.6	183.8
115	60.8	46.0	69.0

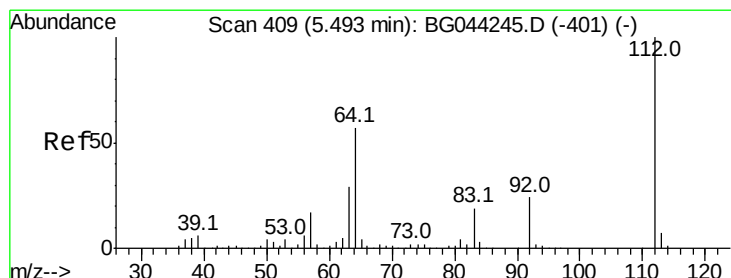
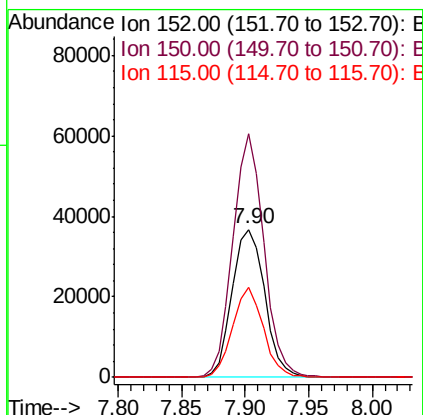
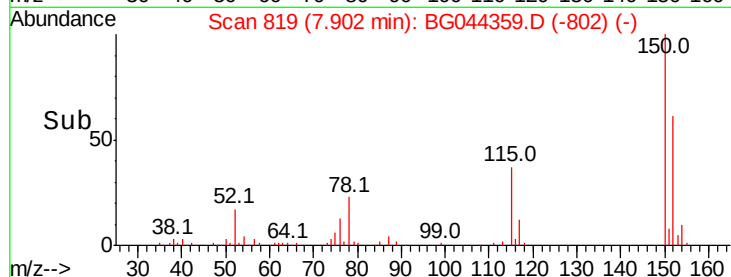


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

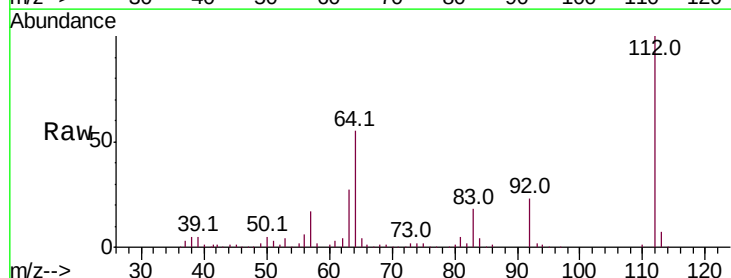
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.813 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044359.D
Acq: 10 Feb 2020 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.4	68.2
63	27.0	22.9	34.3

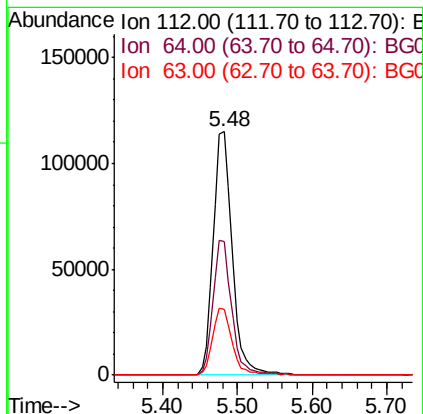
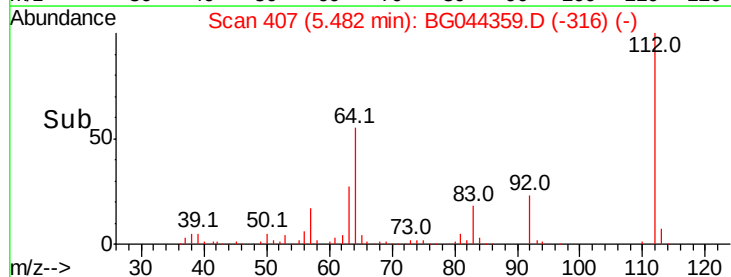


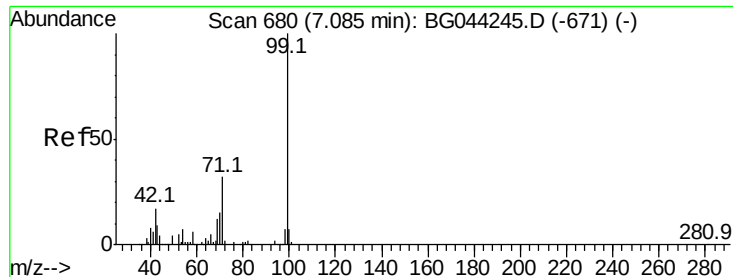
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.922 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

Instrument :

BNA_G

ClientSampleId :

TW-1

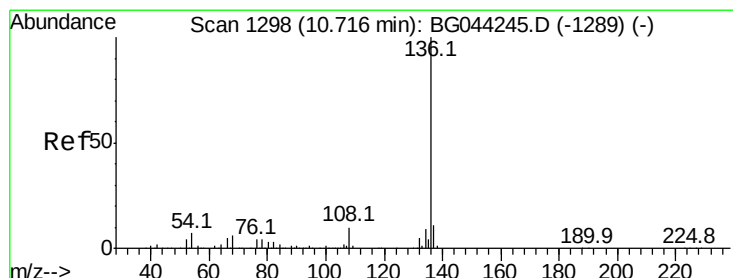
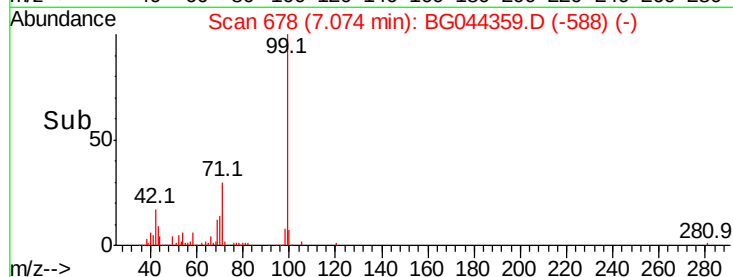
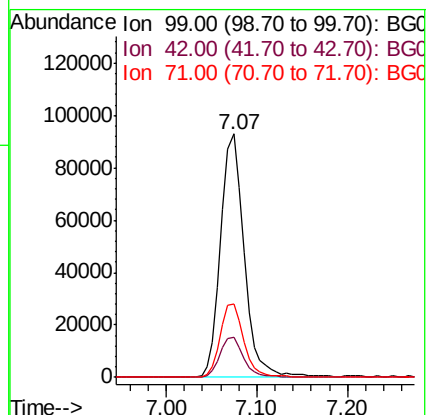
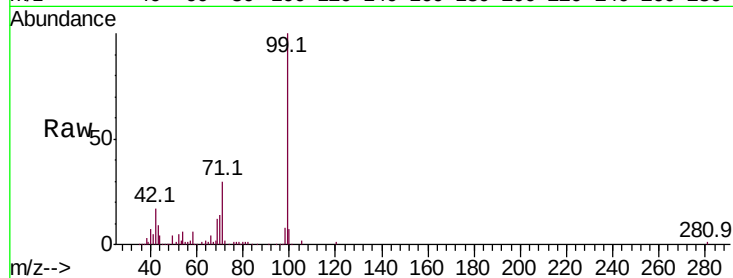
Tot Ion: 99 Resp: 169476

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 30.1 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

Tgt Ion: 136 Resp: 286602

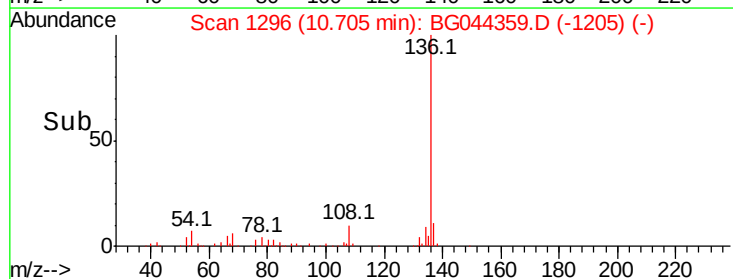
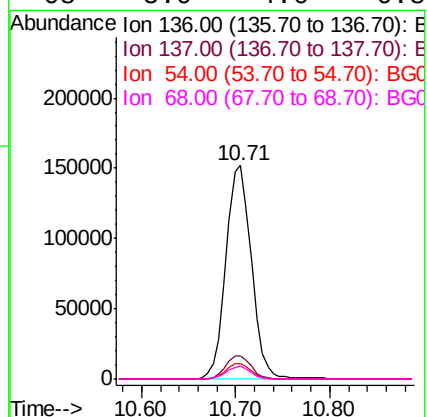
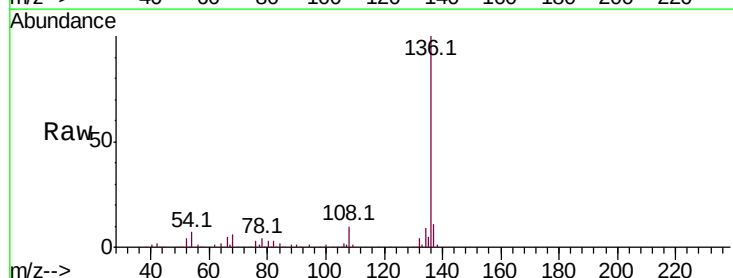
Ion Ratio Lower Upper

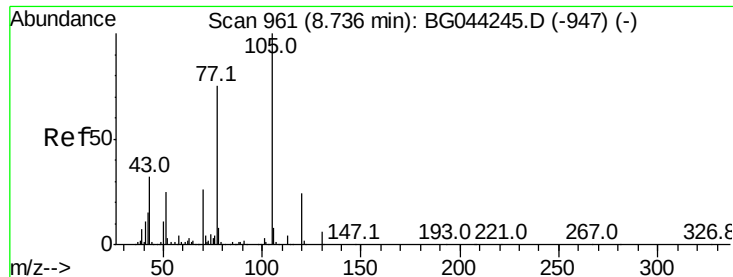
136 100

137 10.8 8.8 13.2

54 7.5 5.8 8.8

68 5.9 4.6 6.8





#22

Acetophenone

Concen: 5.447 ng

RT: 8.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

Instrument :

BNA_G

ClientSampleId :

TW-1

Tot Ion:105 Resp: 37978

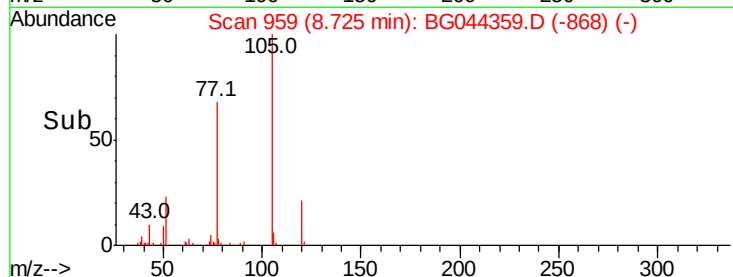
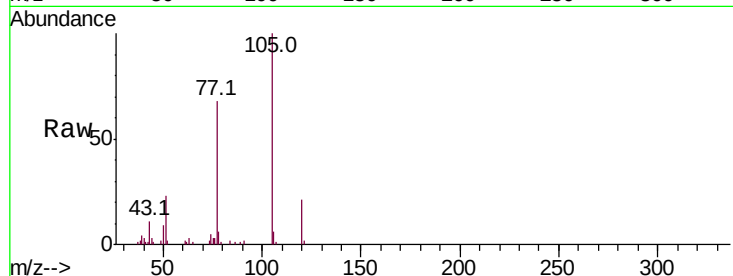
Ion Ratio Lower Upper

105 100

71 0.0 3.4 5.0#

51 23.4 20.2 30.4

120 20.8 19.1 28.7

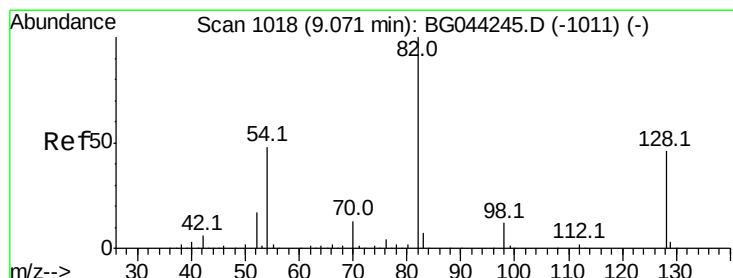
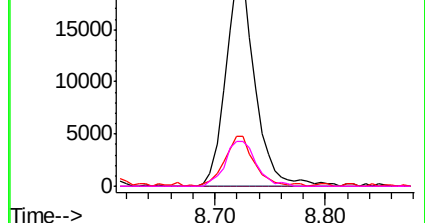


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 93.993 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

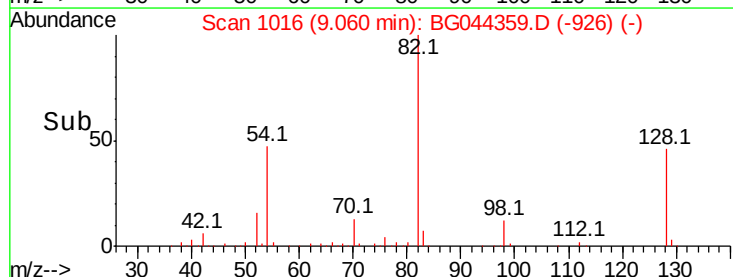
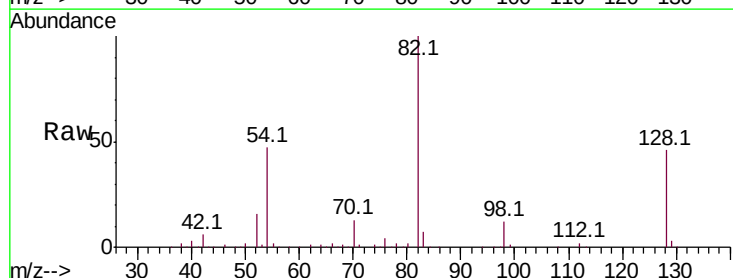
Tgt Ion: 82 Resp: 477160

Ion Ratio Lower Upper

82 100

128 45.6 36.5 54.7

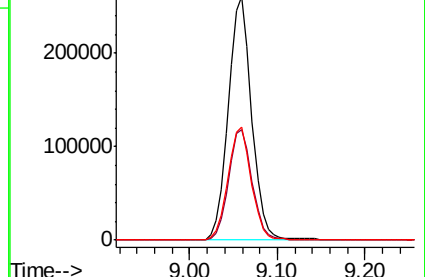
54 46.6 38.6 58.0

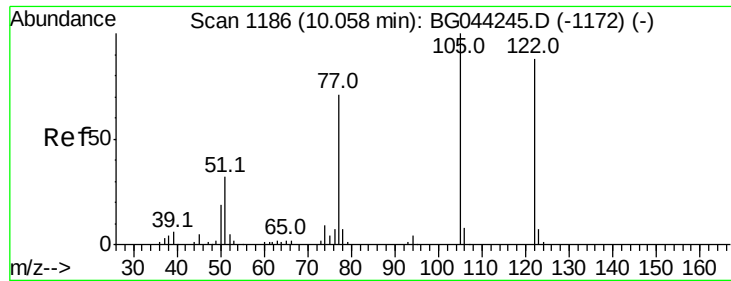


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

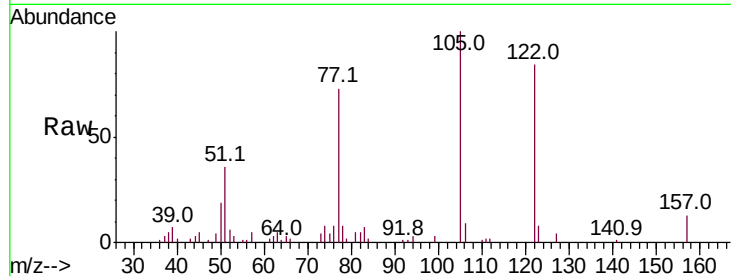




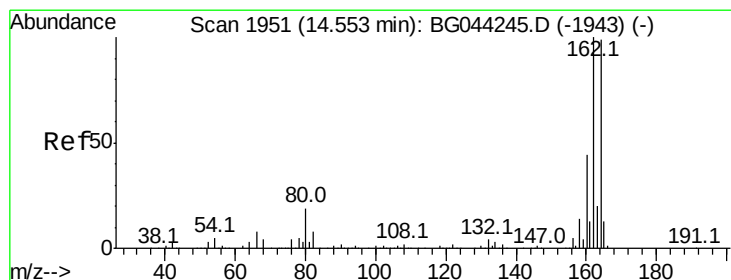
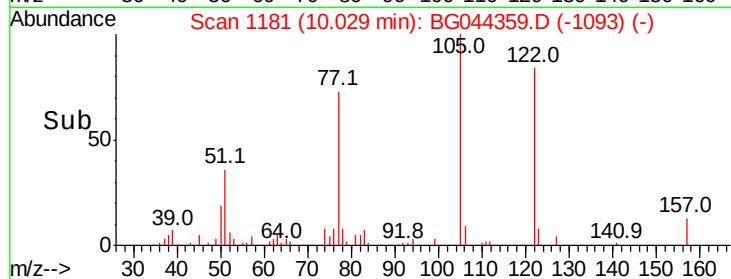
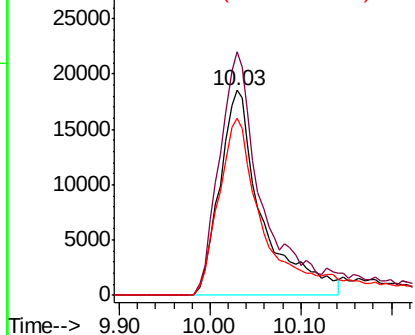
#32
Benzoic acid
Concen: 31.838 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044359.D
Acq: 10 Feb 2020 16:42

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:122 Resp: 59938
Ion Ratio Lower Upper
122 100
105 118.8 93.5 133.5
77 86.4 61.0 101.0

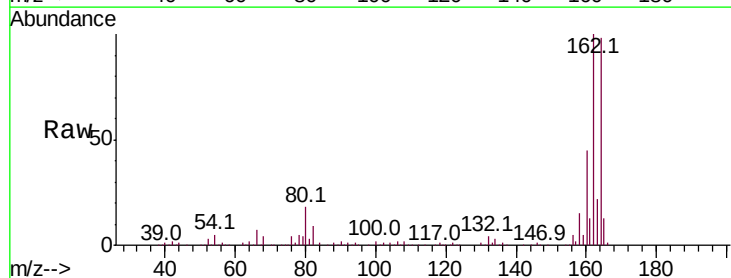


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

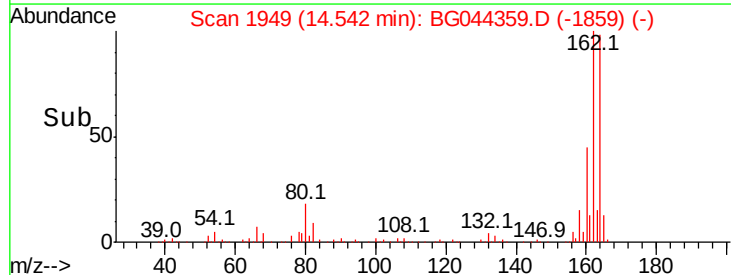
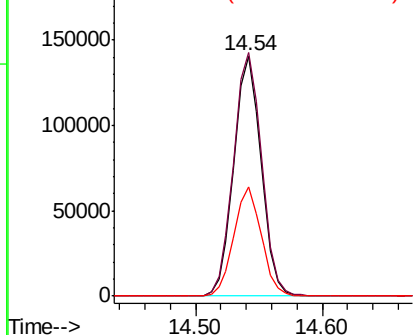


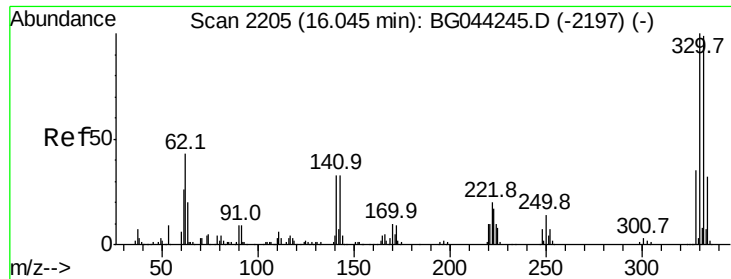
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044359.D
Acq: 10 Feb 2020 16:42

Tgt Ion:164 Resp: 209213
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 45.6 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





#42

2,4,6-Tribromophenol

Concen: 130.316 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

Instrument :

BNA_G

ClientSampled :

TW-1

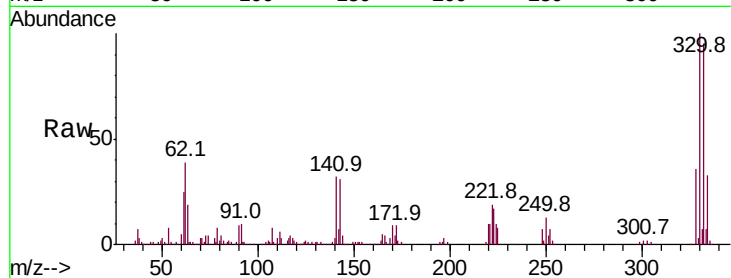
Tot Ion:330 Resp: 320062

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

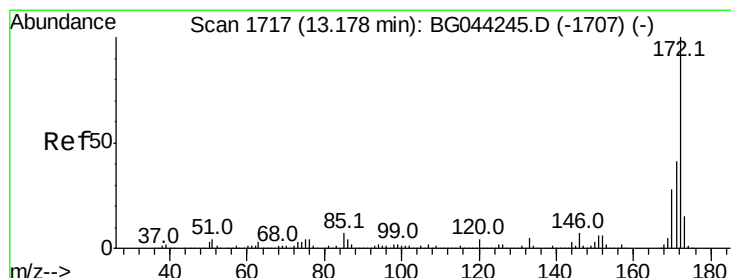
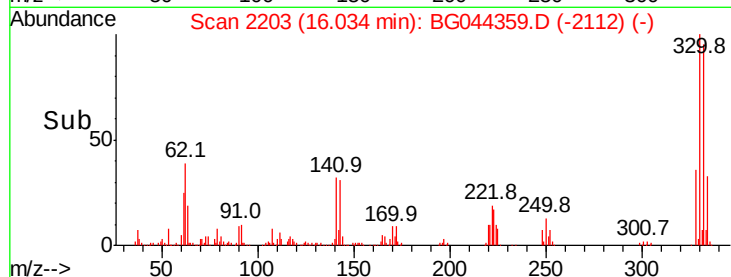
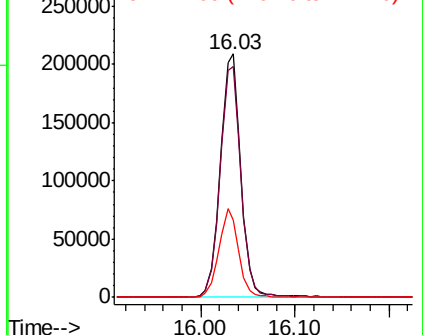
141 35.1 28.3 42.5



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: 94.306 ng

RT: 13.17 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

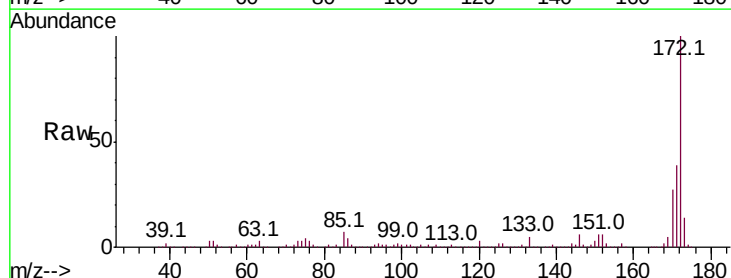
Tgt Ion:172 Resp: 1178226

Ion Ratio Lower Upper

172 100

171 39.5 32.9 49.3

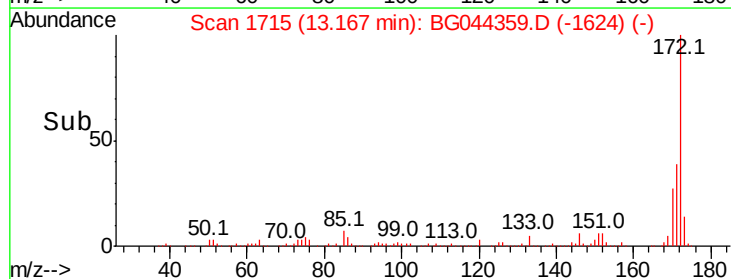
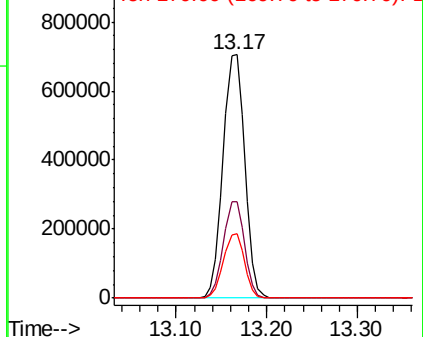
170 26.7 22.0 33.0

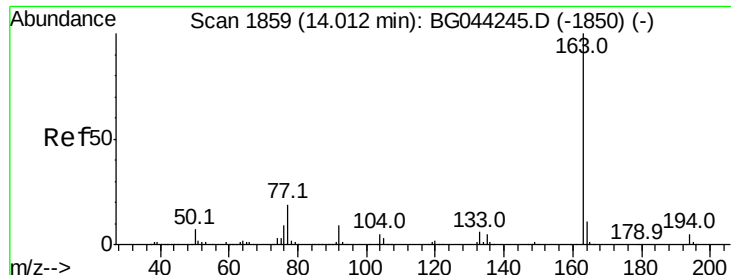


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.952 ng

RT: 14.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

Instrument :

BNA_G

ClientSampled :

TW-1

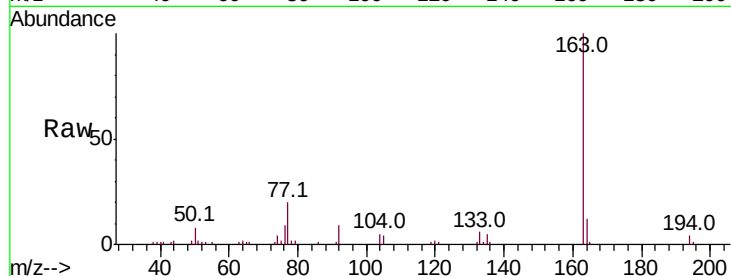
Tot Ion:163 Resp: 44391

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

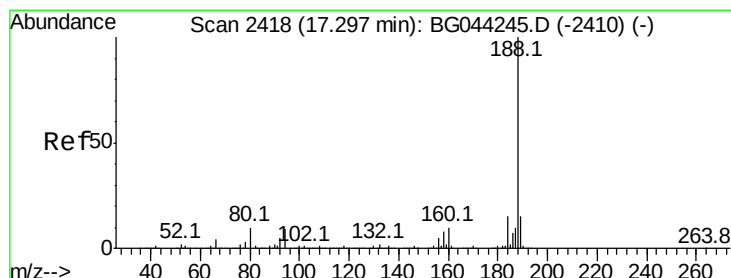
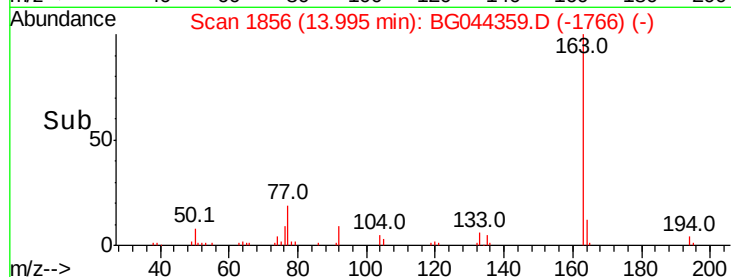
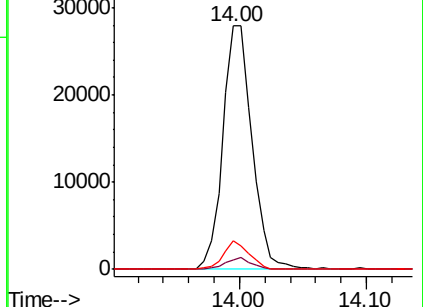
164 11.8 8.7 13.1



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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

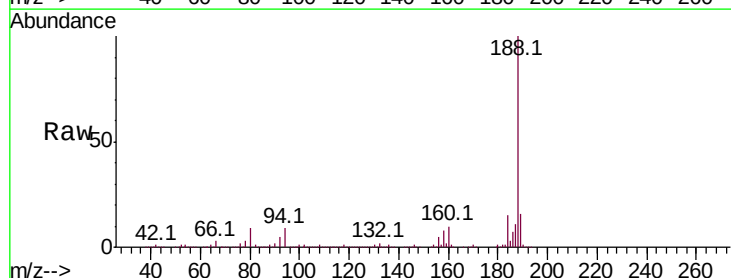
Tgt Ion:188 Resp: 500823

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

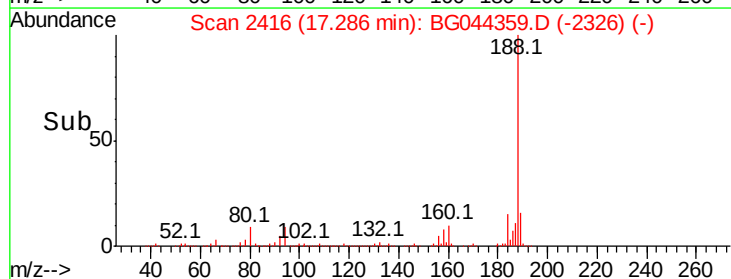
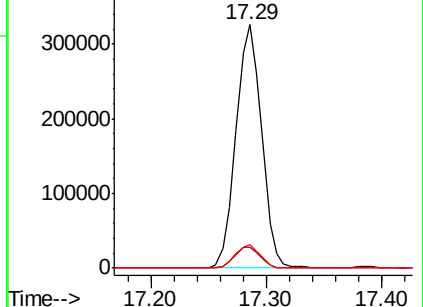
80 9.4 7.7 11.5

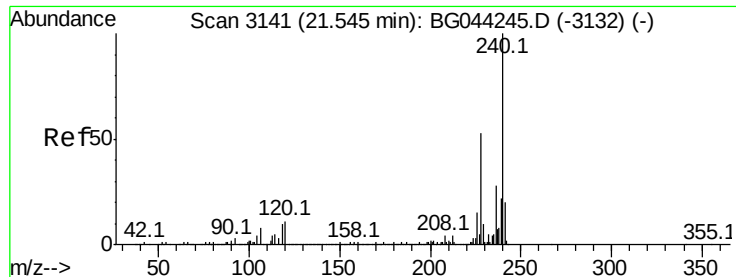


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

Instrument :

BNA_G

ClientSampleId :

TW-1

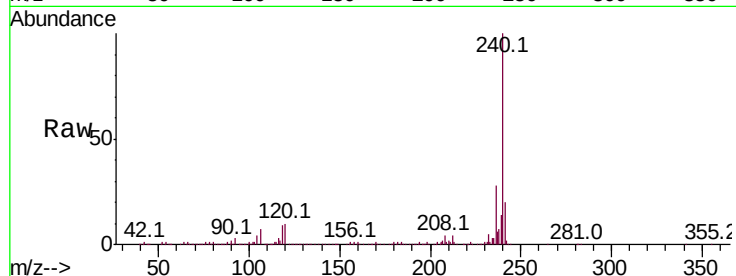
Tot Ion:240 Resp: 502055

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

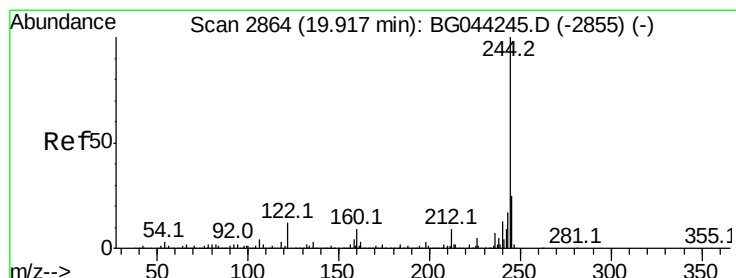
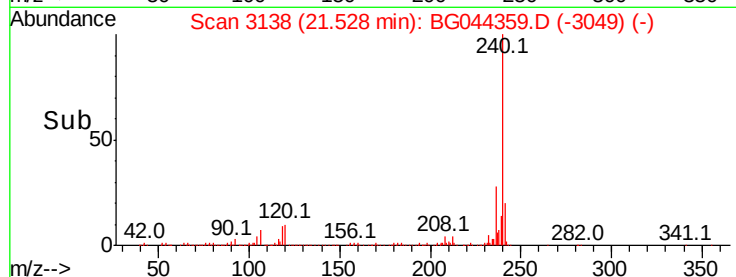
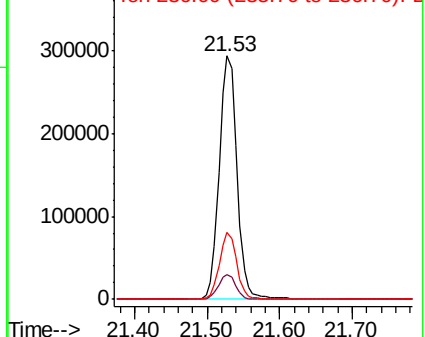
236 27.6 22.1 33.1



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: 76.915 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044359.D

Acq: 10 Feb 2020 16:42

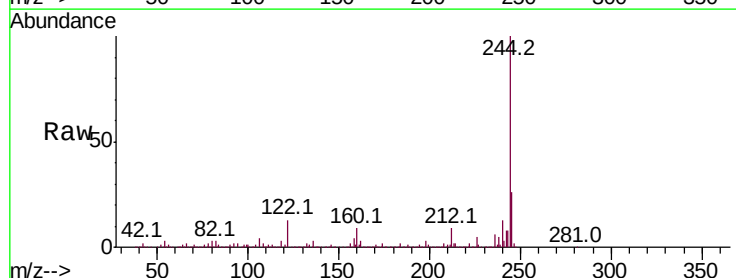
Tgt Ion:244 Resp: 1877399

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

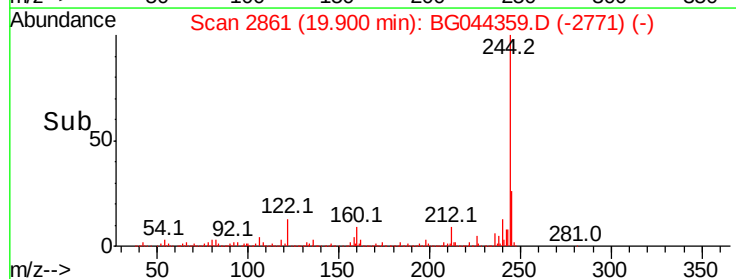
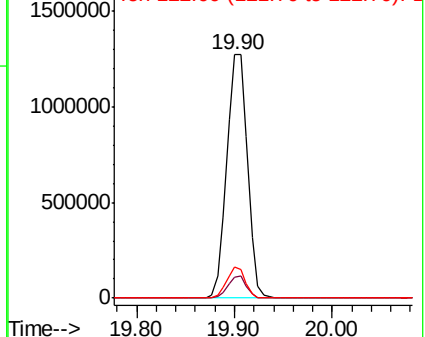
122 12.5 9.8 14.6

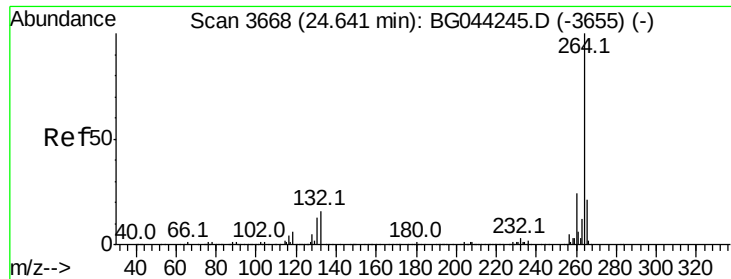


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044359.D
Acq: 10 Feb 2020 16:42

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:264	Resp:	522270
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.4 29.2
265	22.8	16.7 25.1

