

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044549.D
 Acq On : 21 Feb 2020 14:55
 Operator : CG/JU
 Sample : PB126974BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:12:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

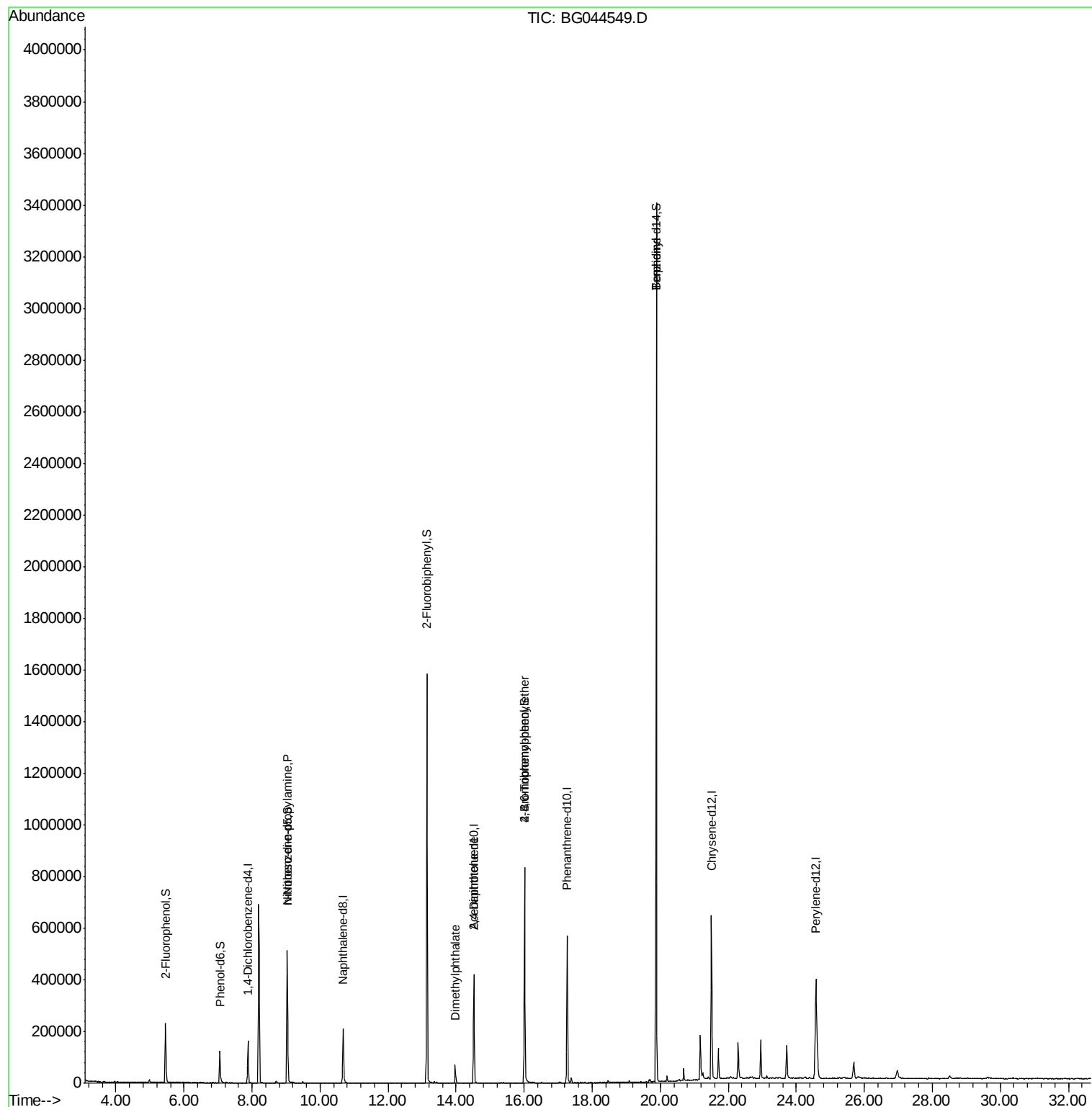
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51368	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	213939	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	152544	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	379820	20.00	ng	0.00
76) Chrysene-d12	21.51	240	368132	20.00	ng	0.00
87) Perylene-d12	24.58	264	406489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	122494	42.09	ng	0.00
7) Phenol-d6	7.05	99	93066	23.81	ng	0.00
23) Nitrobenzene-d5	9.03	82	349512	92.23	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	187504	104.71	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	892064	97.93	ng	0.00
79) Terphenyl-d14	19.89	244	1649881	92.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	45226	17.362	ng	Qvalue # 76
50) Dimethylphthalate	13.97	163	62206	5.673	ng	98
57) 2,4-Dinitrotoluene	14.52	165	19660	5.737	ng	# 30
67) 4-Bromophenyl-phenylether	16.01	248	12677	3.063	ng	# 1
77) Benzidine	19.89	184	25665	2.513	ng	# 92

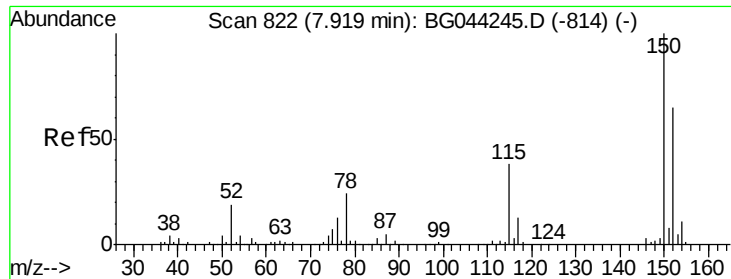
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration



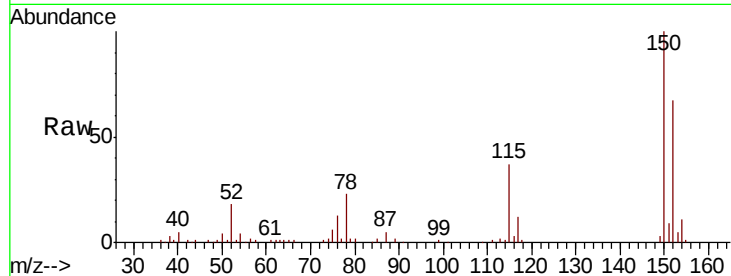


#1

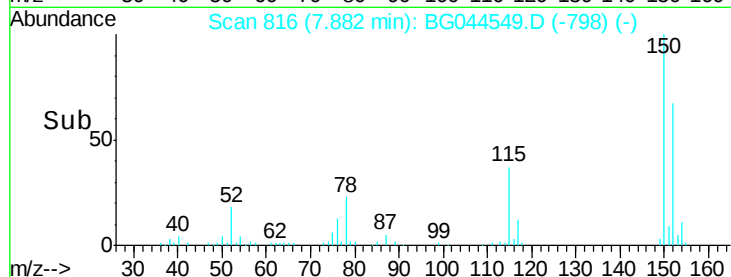
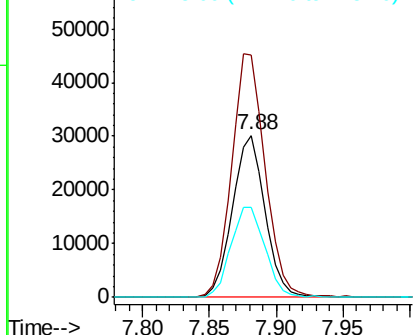
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51368
Ion Ratio Lower Upper
152 100
150 149.5 123.1 184.7
115 55.1 45.1 67.7



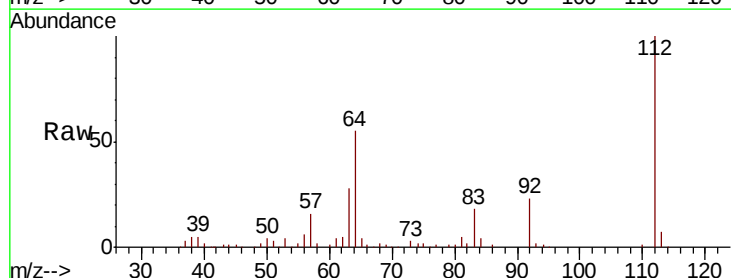
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



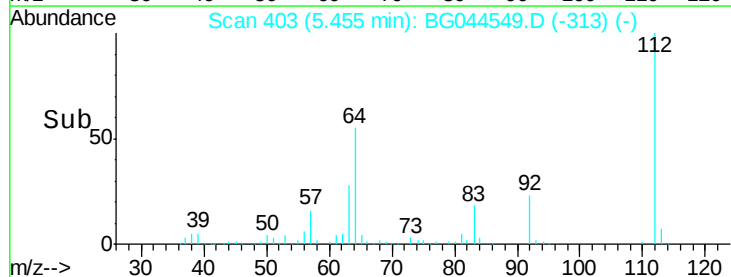
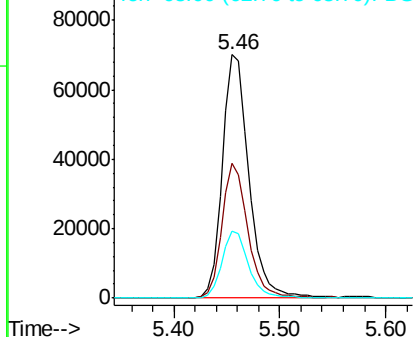
#5

2-Fluorophenol
Concen: 42.085 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Tgt Ion:112 Resp: 122494
Ion Ratio Lower Upper
112 100
64 55.1 44.5 66.7
63 27.5 22.2 33.2



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: 23.811 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Instrument :

BNA_G

ClientSampleId :

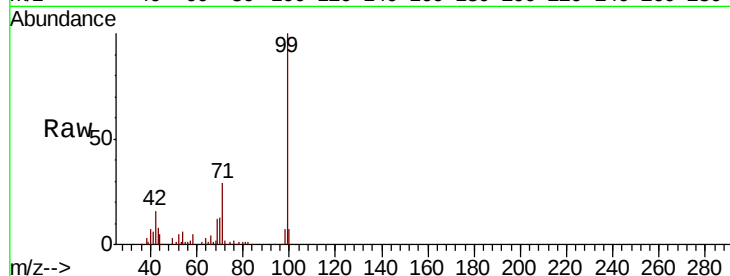
Tot Ion: 99 Resp: 93066

Ion Ratio Lower Upper

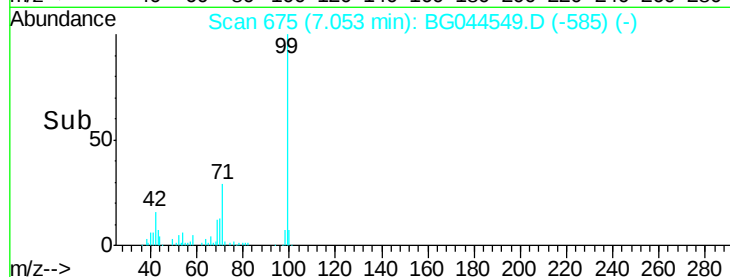
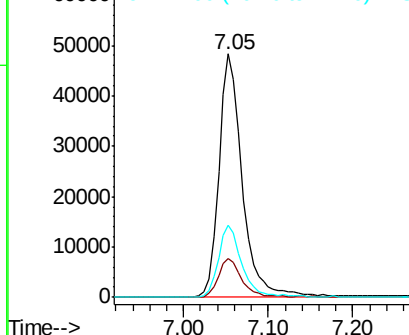
99 100

42 16.2 13.4 20.0

71 29.4 24.7 37.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.362 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Tgt Ion: 70 Resp: 45226

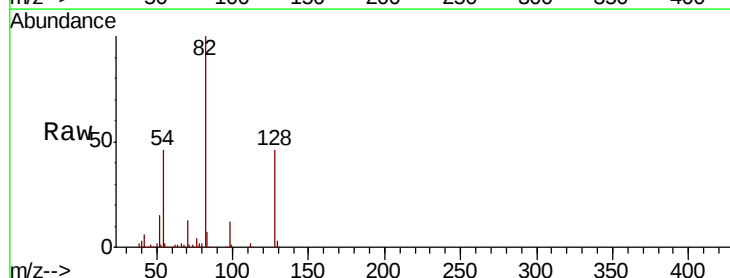
Ion Ratio Lower Upper

70 100

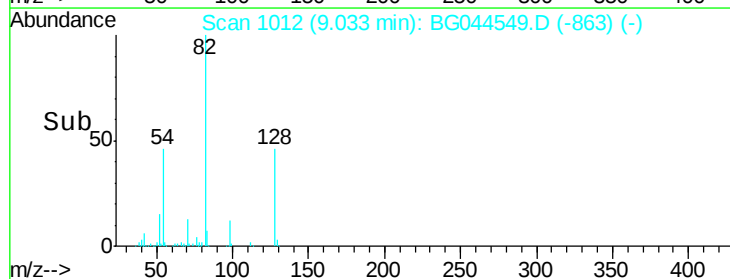
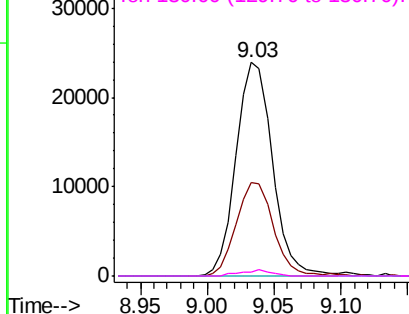
42 44.0 44.0 66.0

101 0.0 7.6 11.4#

130 2.0 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 213939

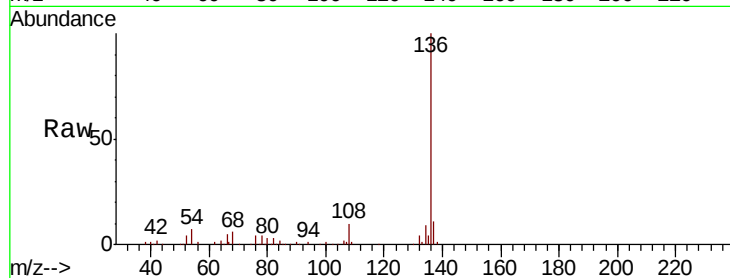
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.9 5.5 8.3

68 6.0 4.6 6.8

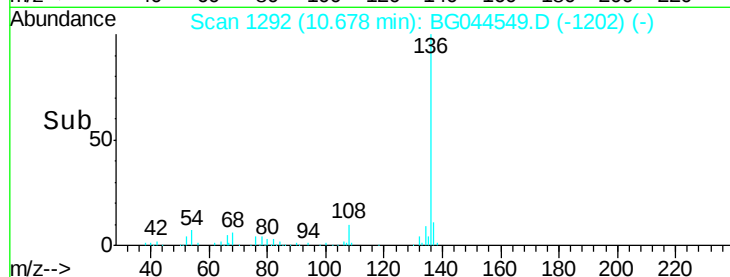


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

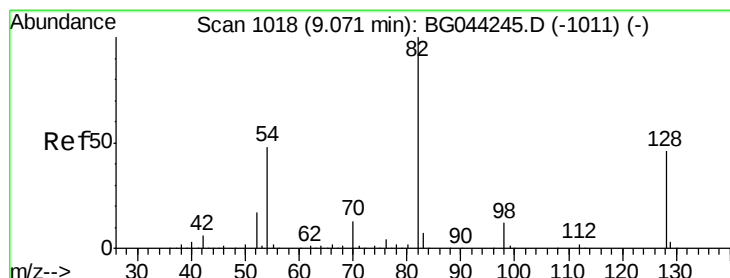
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.68



#23

Nitrobenzene-d5

Concen: 92.233 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

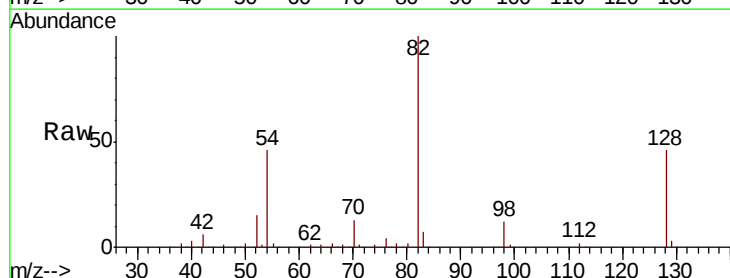
Tgt Ion: 82 Resp: 349512

Ion Ratio Lower Upper

82 100

128 46.0 39.1 58.7

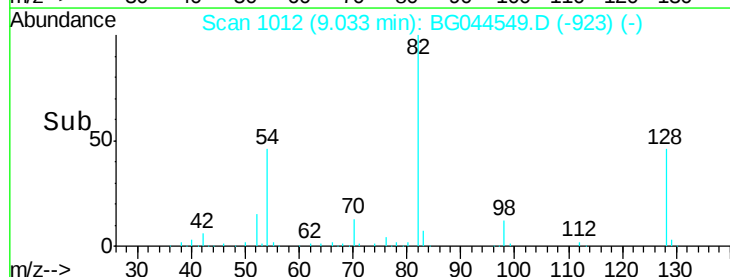
54 45.7 37.9 56.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

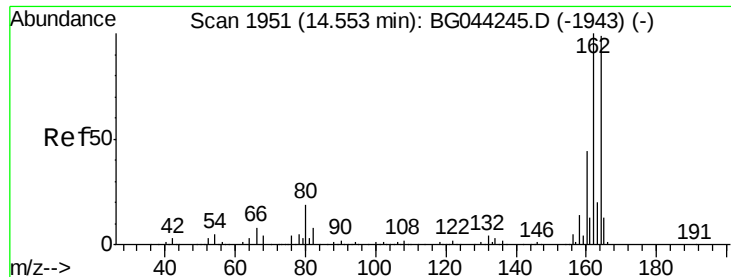
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->

9.03



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Instrument :

BNA_G

ClientSampleId :

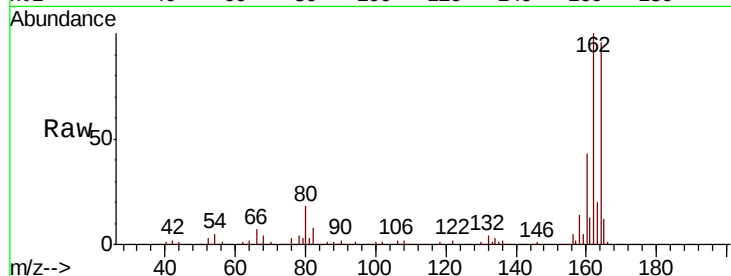
Tot Ion:164 Resp: 152544

Ion Ratio Lower Upper

164 100

162 103.9 81.9 122.9

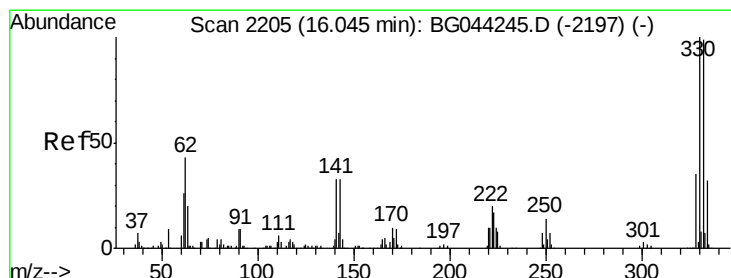
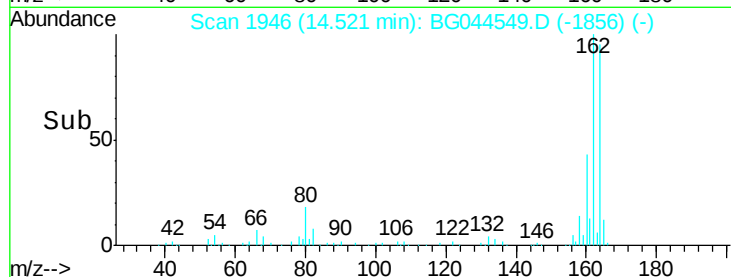
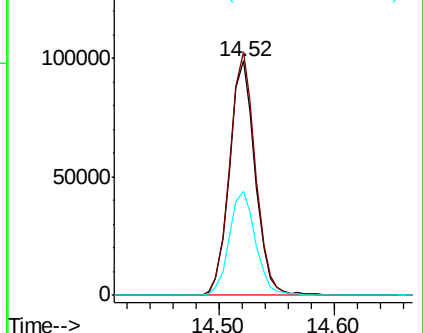
160 44.6 35.5 53.3



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: 104.705 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

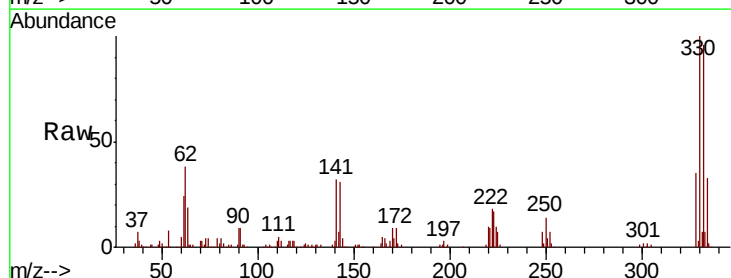
Tgt Ion:330 Resp: 187504

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

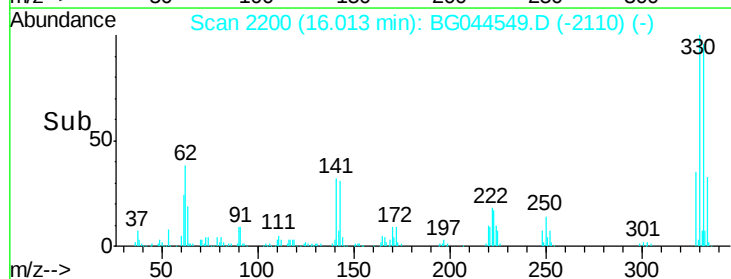
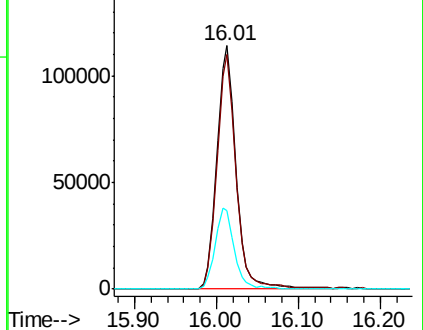
141 33.7 26.5 39.7



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

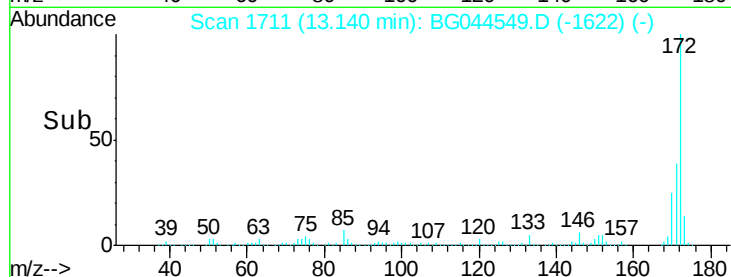
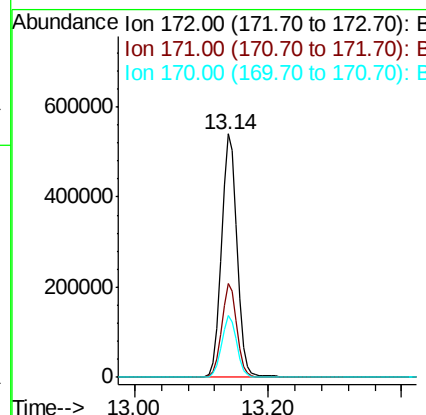
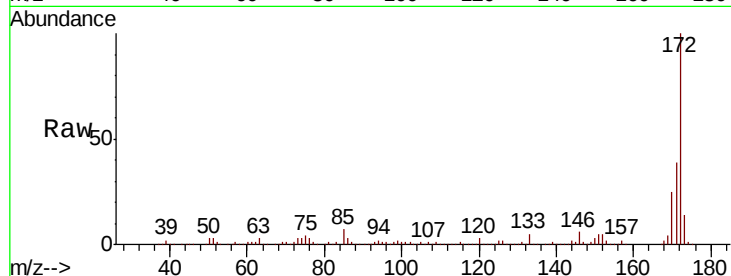




#45
2-Fluorobiphenyl
Concen: 97.926 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

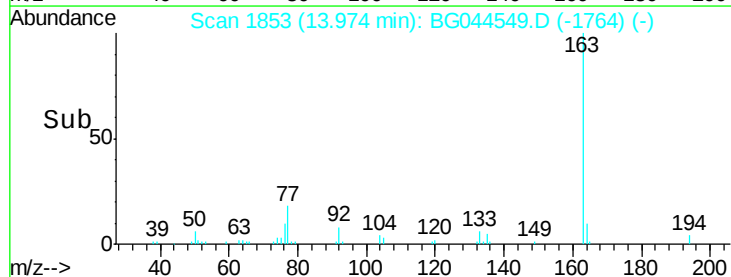
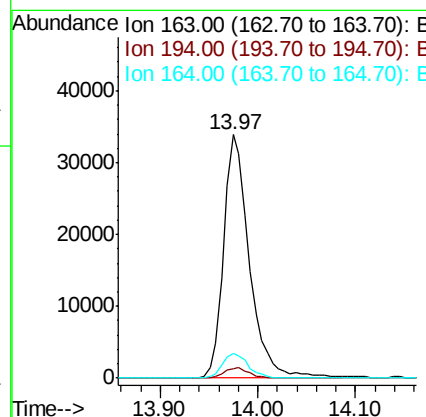
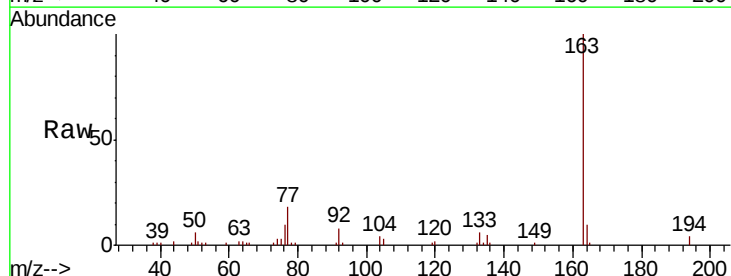
Instrument :
BNA_G
ClientSampleId :

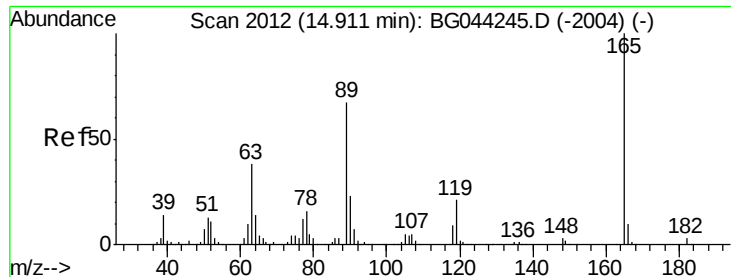
Tot Ion:172 Resp: 892064
Ion Ratio Lower Upper
172 100
171 38.5 32.3 48.5
170 25.4 21.6 32.4



#50
Dimethylphthalate
Concen: 5.673 ng
RT: 13.97 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Tgt Ion:163 Resp: 62206
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.4 8.9 13.3

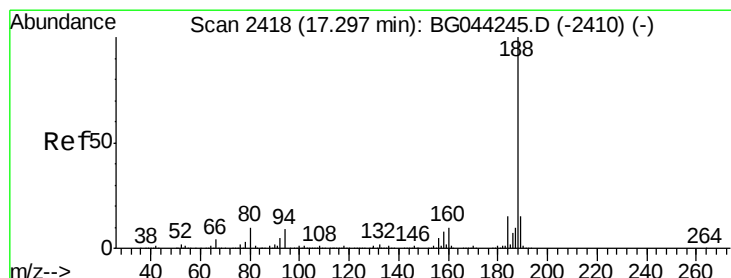
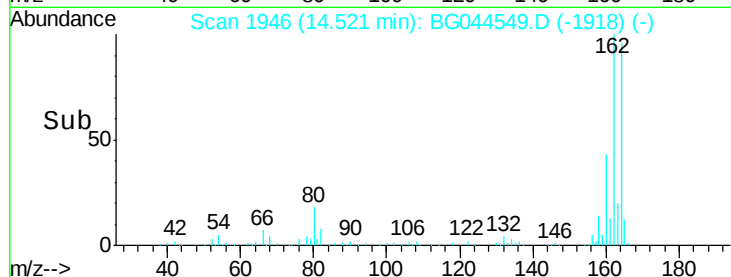
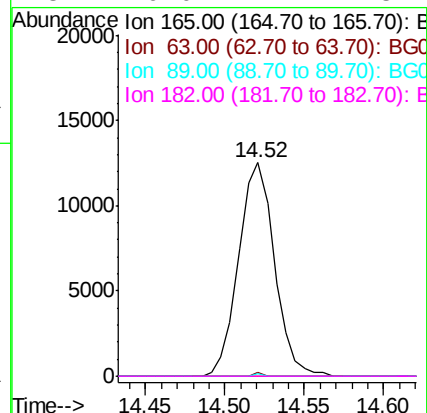
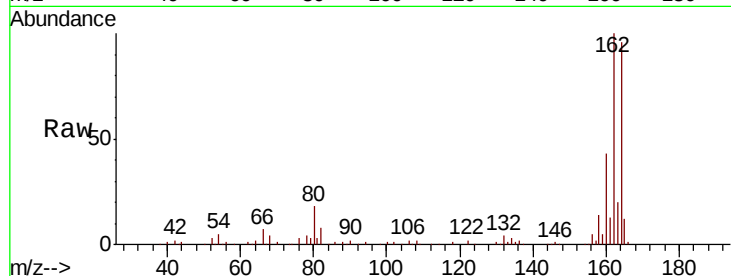




#57
 2,4-Dinitrotoluene
 Concen: 5.737 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

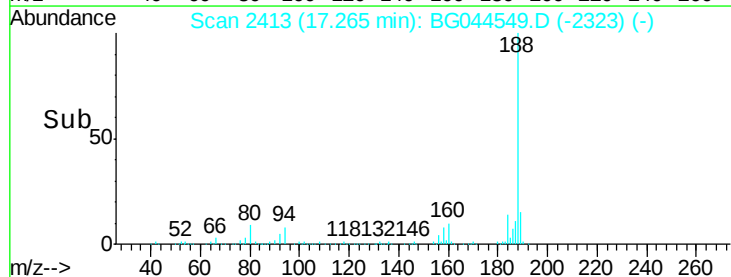
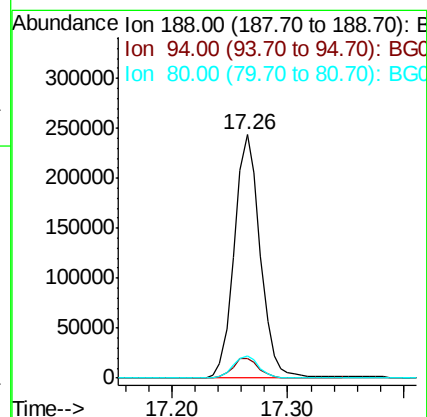
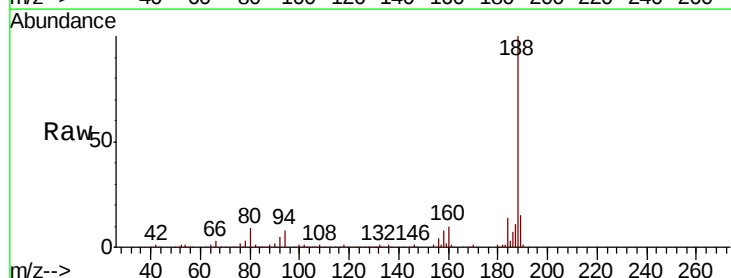
Instrument :
 BNA_G
 ClientSampleId :

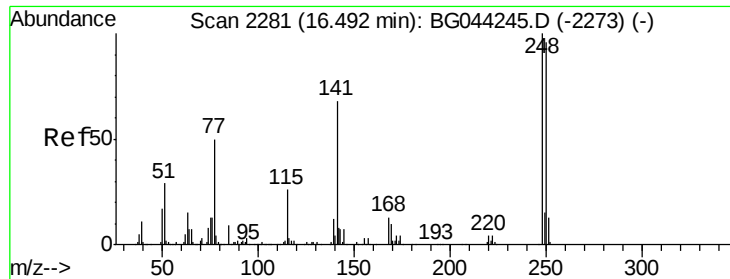
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.6	42.8#
89	1.3	50.7	76.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.0
80	9.2	7.8	11.6

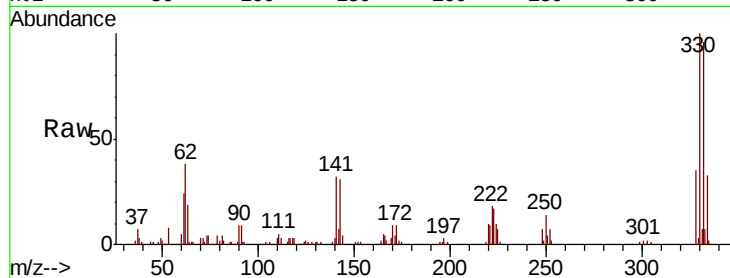




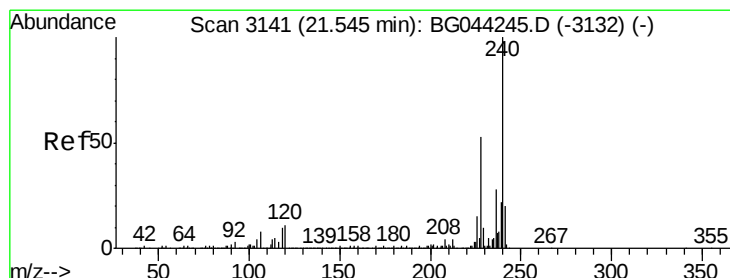
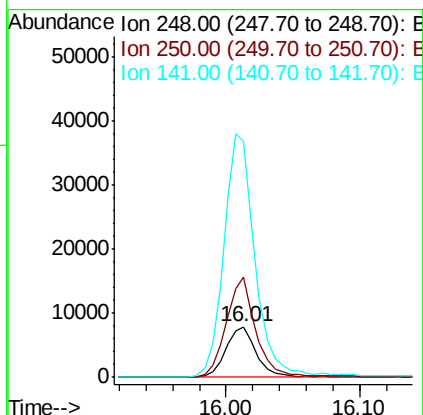
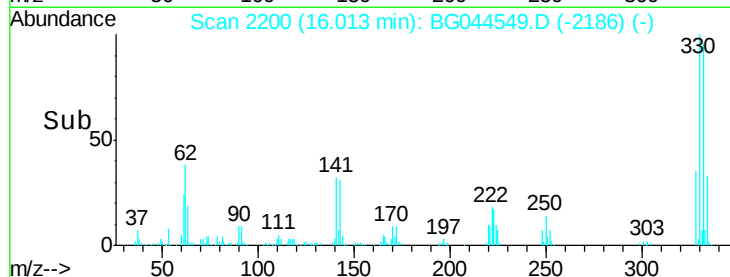
#67
4-Bromophenyl-phenylether
Concen: 3.063 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 12677
Ion Ratio Lower Upper
248 100
250 196.6 76.8 115.2#
141 463.9 50.0 75.0#

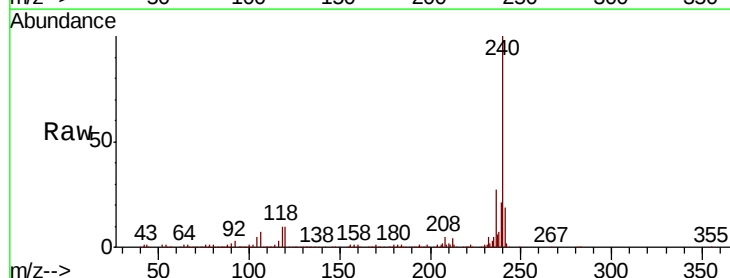


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

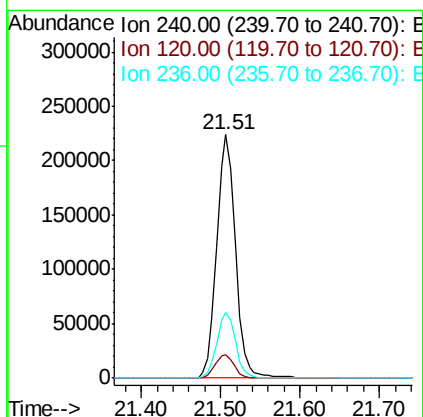
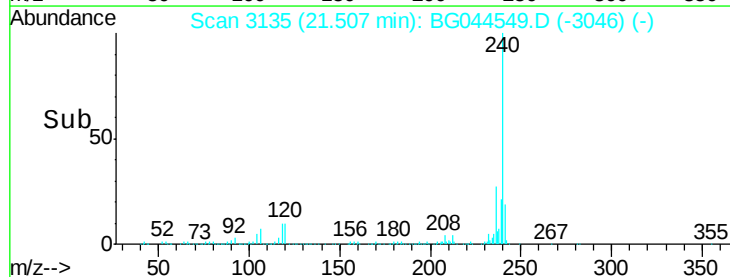


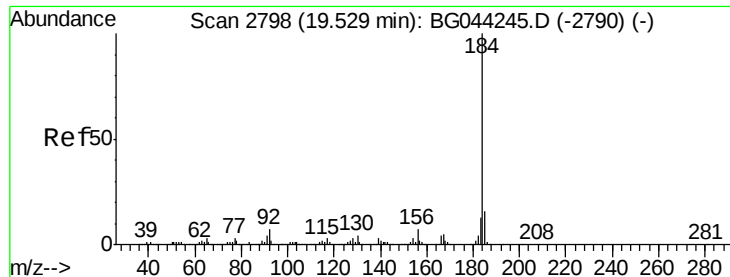
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Tgt Ion:240 Resp: 368132
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 27.0 22.0 33.0



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





#77

Benzidine

Concen: 2.513 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.39 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Instrument :

BNA_G

ClientSampled :

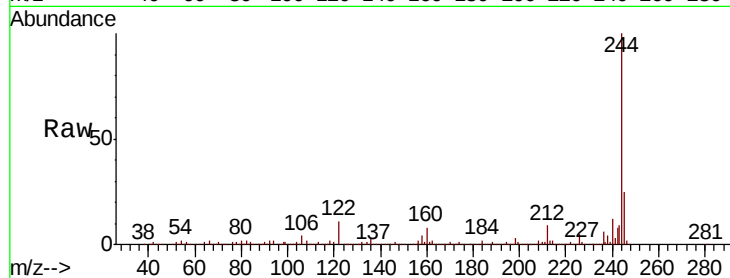
Tot Ion:184 Resp: 25665

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.4

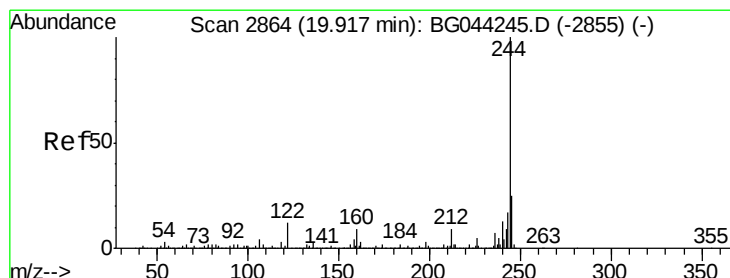
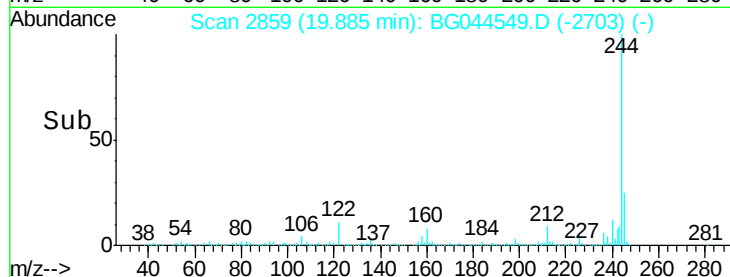
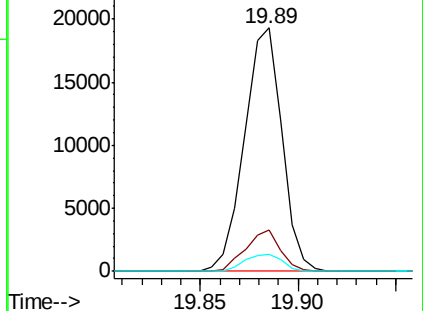
183 6.8 11.0 16.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 92.184 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

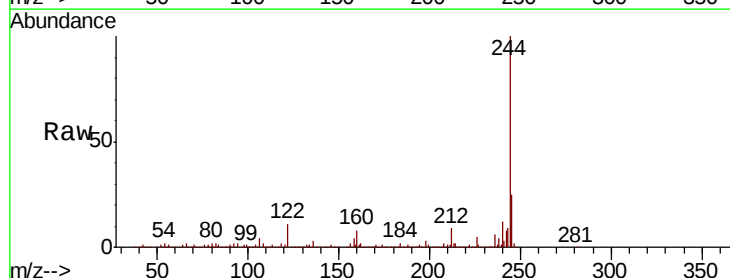
Tgt Ion:244 Resp: 1649881

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

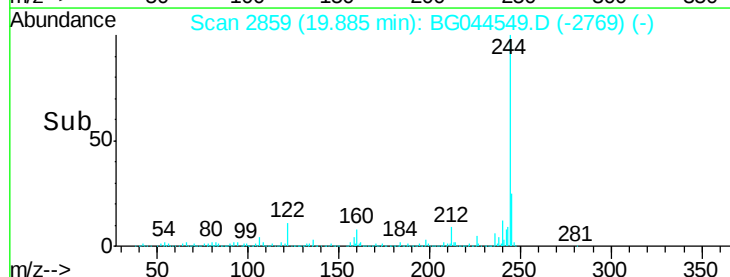
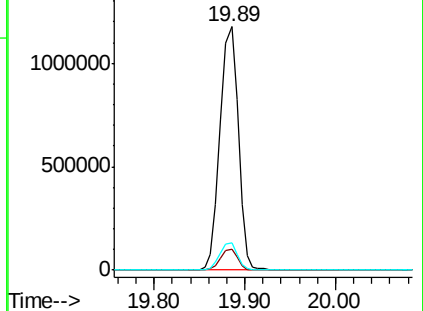
122 11.0 9.8 14.8

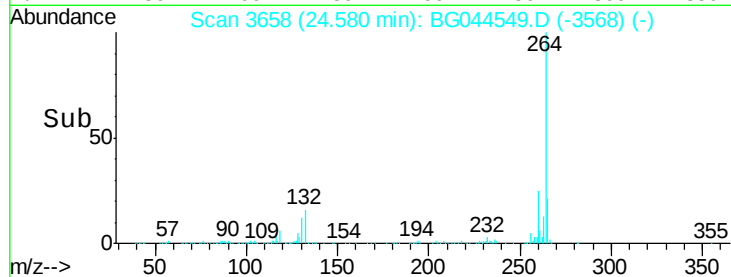
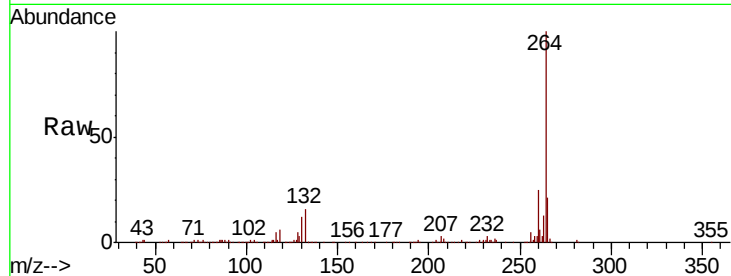
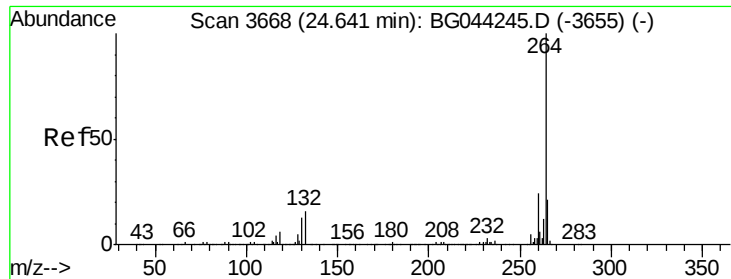


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.58 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.4	17.6	26.4

