

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044312.D
 Acq On : 5 Feb 2020 20:04
 Operator : CG/JU
 Sample : PB126601BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:12:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

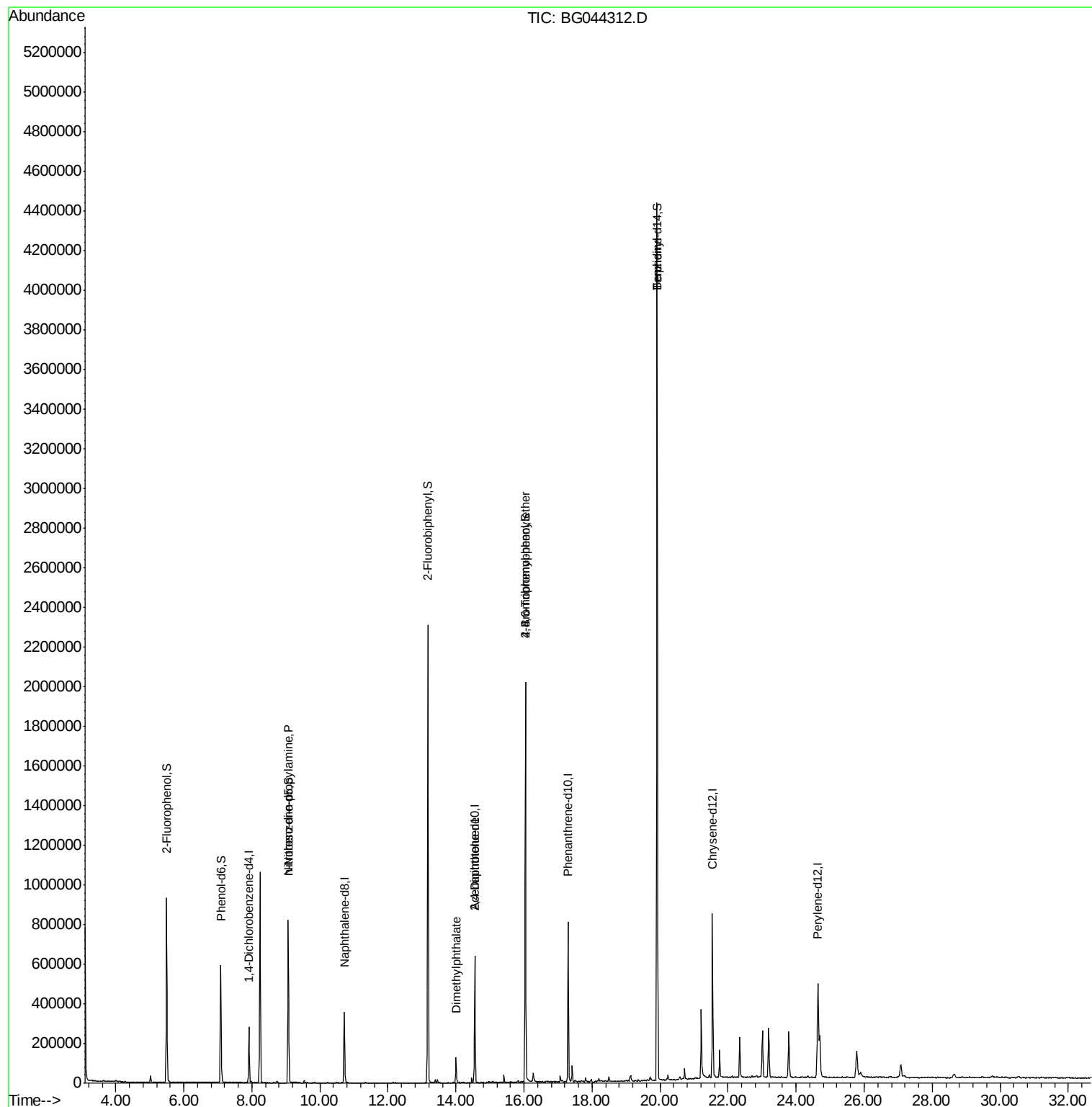
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83523	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	339192	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	232459	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	535288	20.00	ng	0.00
76) Chrysene-d12	21.54	240	482299	20.00	ng	0.00
87) Perylene-d12	24.64	264	534364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	461340	97.48	ng	0.00
7) Phenol-d6	7.09	99	390329	61.42	ng	0.00
23) Nitrobenzene-d5	9.07	82	542165	90.24	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	381351	139.74	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1254505	90.37	ng	0.00
79) Terphenyl-d14	19.91	244	2047336	87.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	69690	16.454	ng	Qvalue # 76
50) Dimethylphthalate	14.00	163	97463	5.833	ng	# 99
57) 2,4-Dinitrotoluene	14.55	165	30962	5.929	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	26678	4.574	ng	# 1
77) Benzidine	19.91	184	35347	2.642	ng	# 92

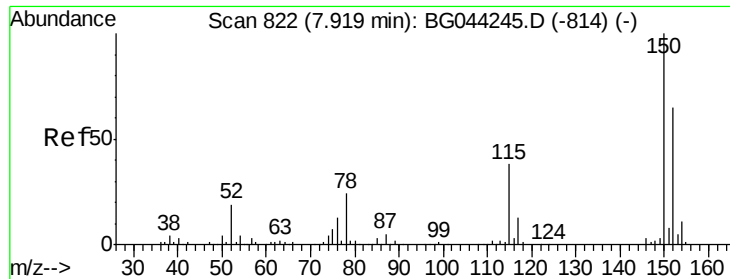
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044312.D
Acq On : 5 Feb 2020 20:04
Operator : CG/JU
Sample : PB126601BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 01:12:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



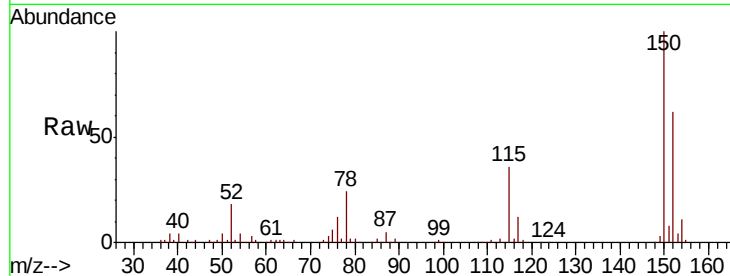


#1

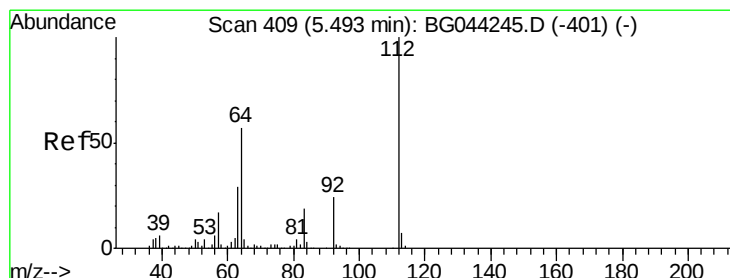
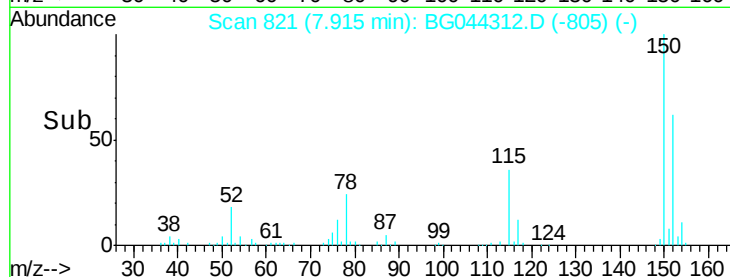
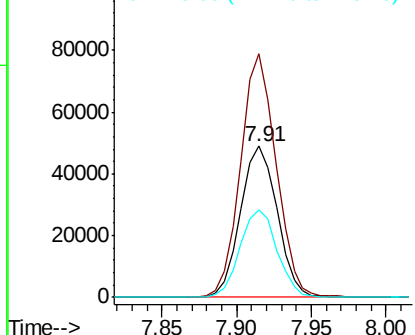
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 83523
 Ion Ratio Lower Upper
 152 100
 150 160.8 122.6 183.8
 115 57.6 46.0 69.0



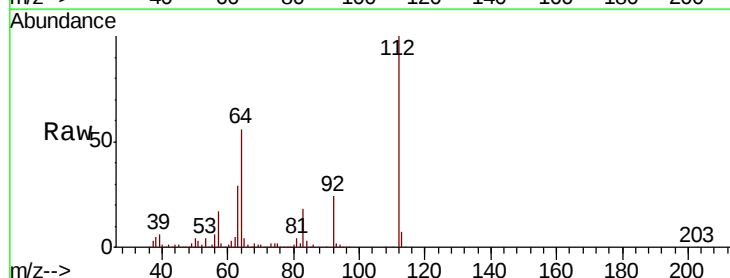
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



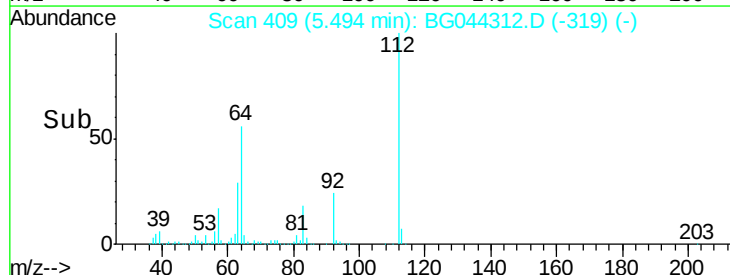
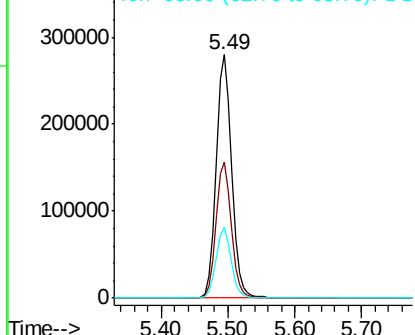
#5

2-Fluorophenol
 Concen: 97.481 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

Tgt Ion:112 Resp: 461340
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.4 68.2
 63 29.1 22.9 34.3



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: 61.419 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

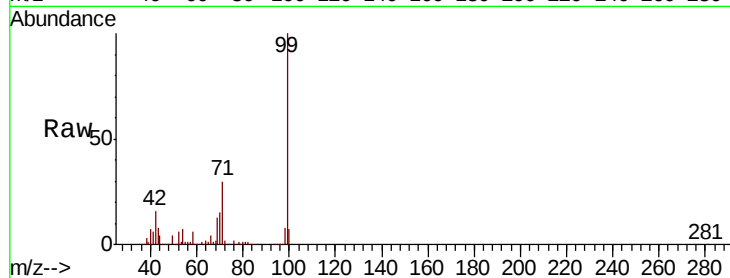
Tot Ion: 99 Resp: 390329

Ion Ratio Lower Upper

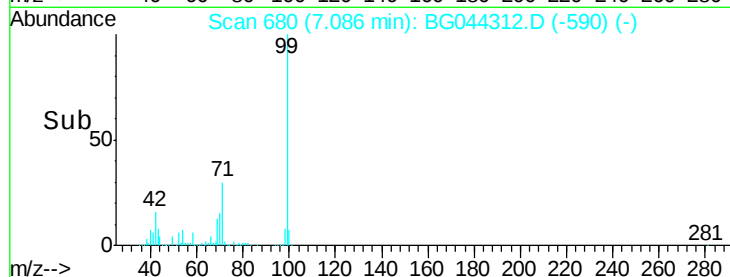
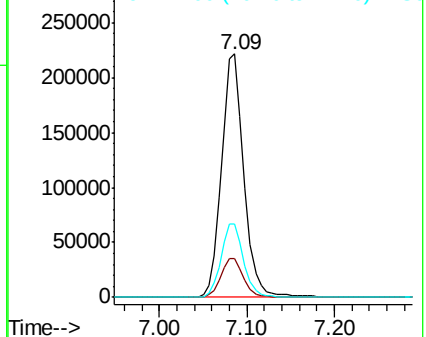
99 100

42 16.1 13.8 20.6

71 30.1 25.5 38.3



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: 16.454 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Tgt Ion: 70 Resp: 69690

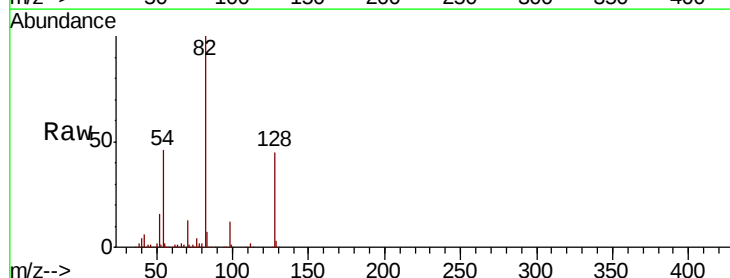
Ion Ratio Lower Upper

70 100

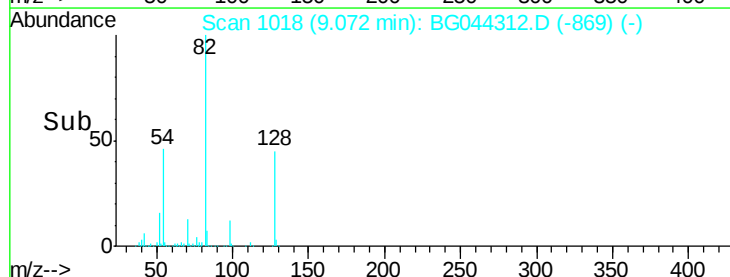
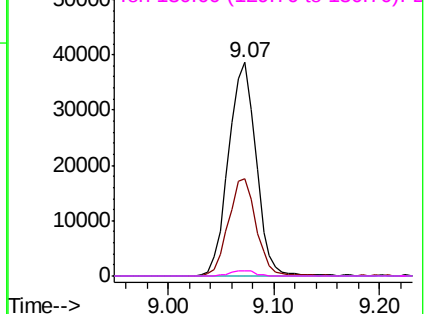
42 45.4 46.2 69.2#

101 0.0 8.4 12.6#

130 2.3 17.8 26.8#



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

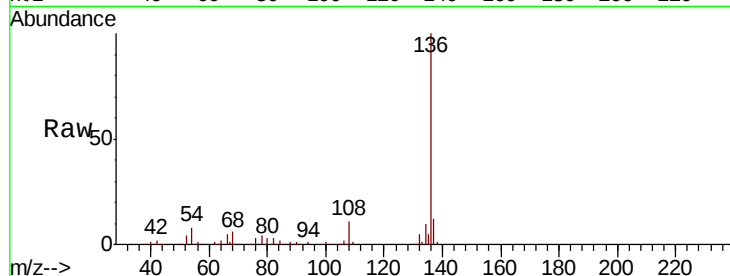




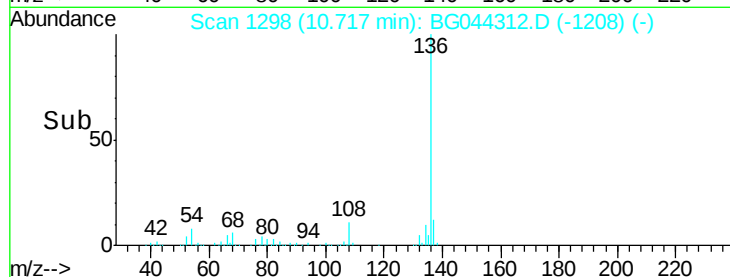
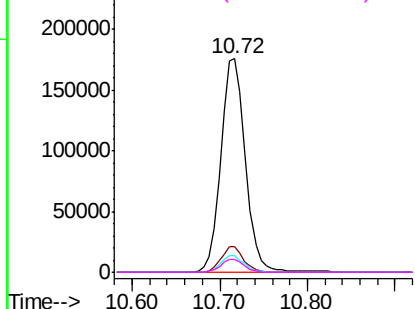
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044312.D
Acq: 5 Feb 2020 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	339192
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.8 13.2
54	7.6	5.8 8.8
68	6.0	4.6 6.8

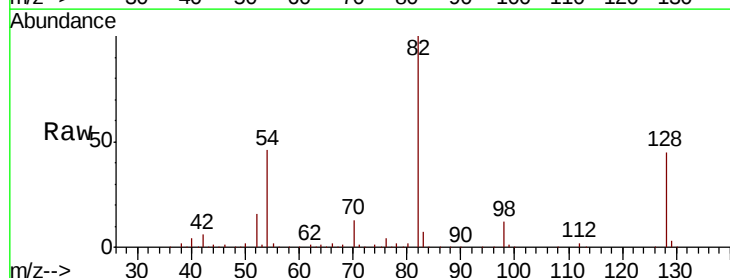


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

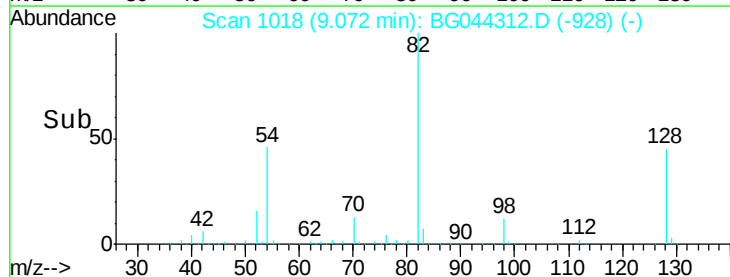
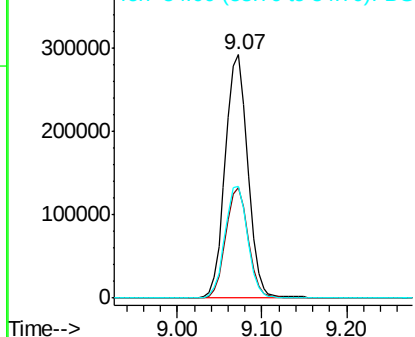


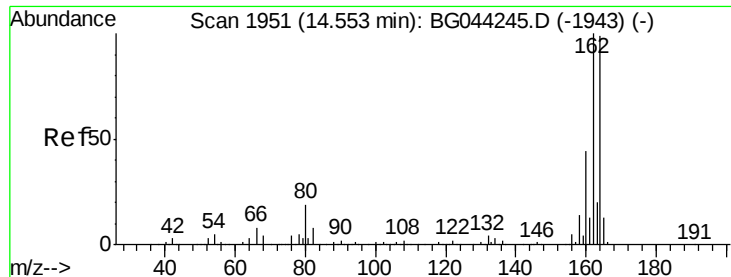
#23
Nitrobenzene-d5
Concen: 90.240 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044312.D
Acq: 5 Feb 2020 20:04

Tgt Ion: 82	Resp:	542165
Ion	Ratio	Lower Upper
82	100	
128	45.2	36.5 54.7
54	45.7	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

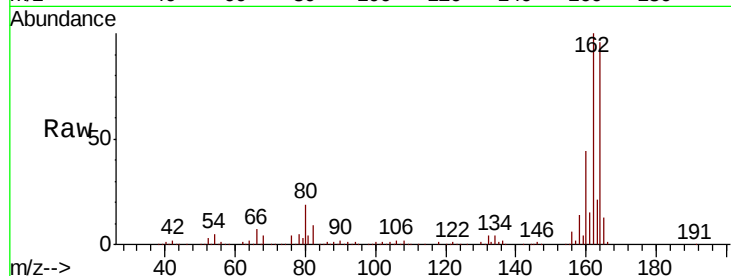
Tot Ion:164 Resp: 232459

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

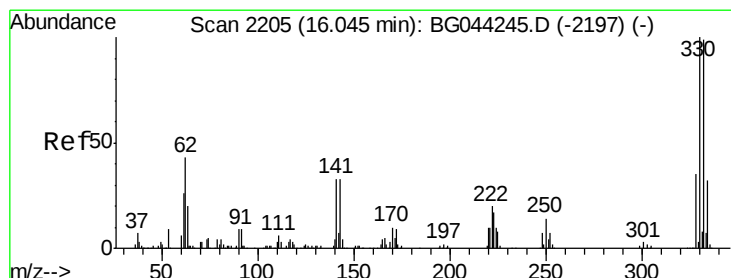
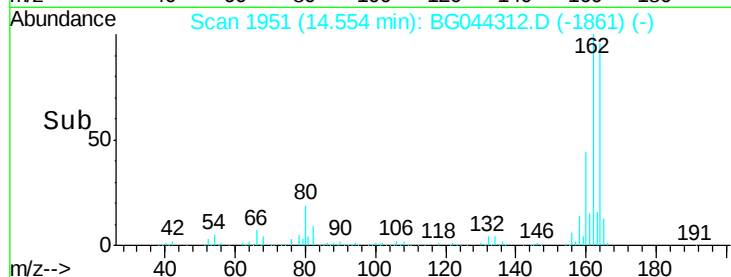
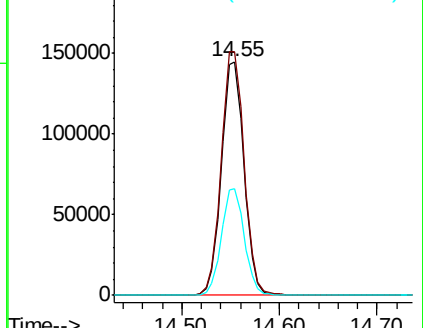
160 45.5 35.3 52.9



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: 139.744 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

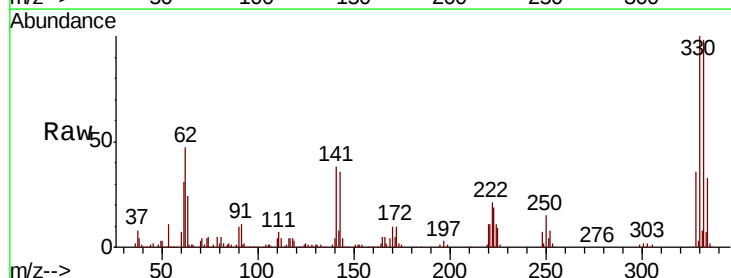
Tgt Ion:330 Resp: 381351

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

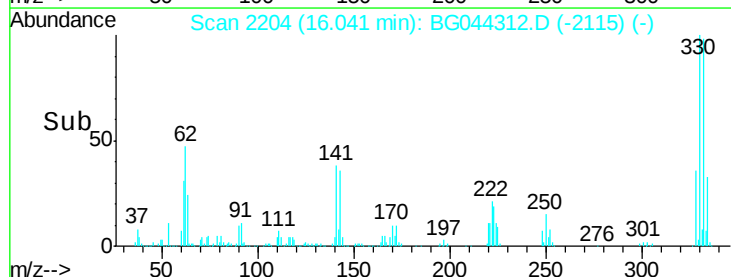
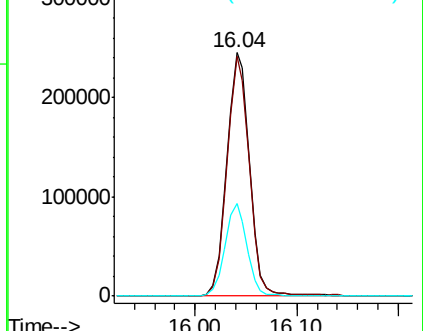
141 36.9 28.3 42.5



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

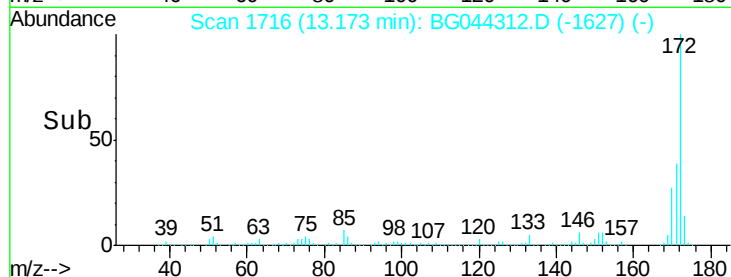
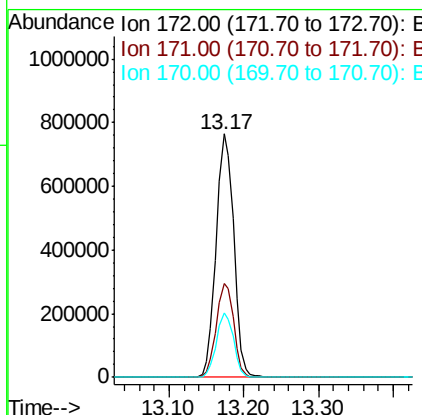
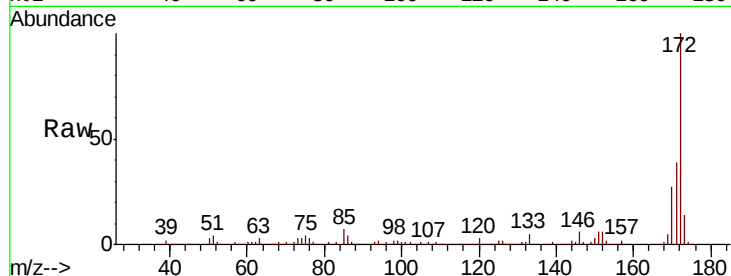




#45
2-Fluorobiphenyl
Concen: 90.370 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG044312.D
Acq: 5 Feb 2020 20:04

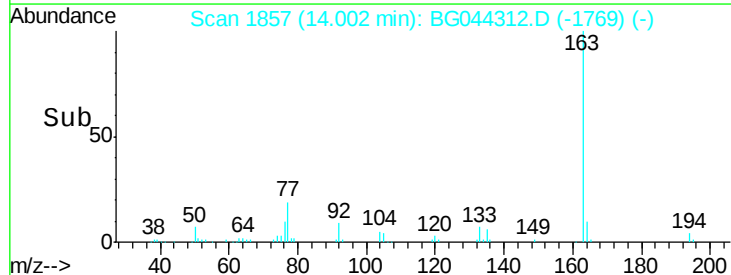
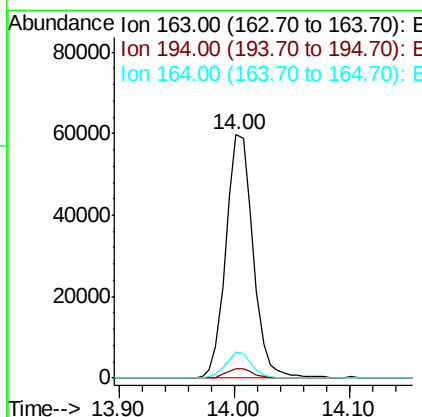
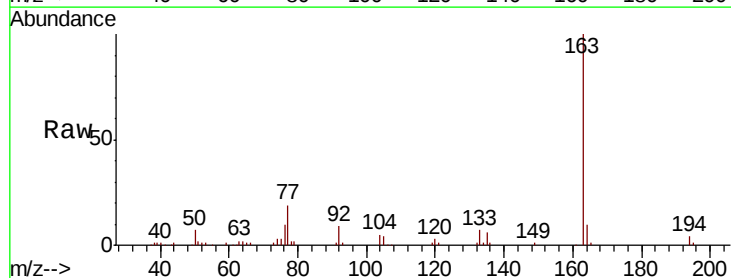
Instrument :
BNA_G
ClientSampleId :

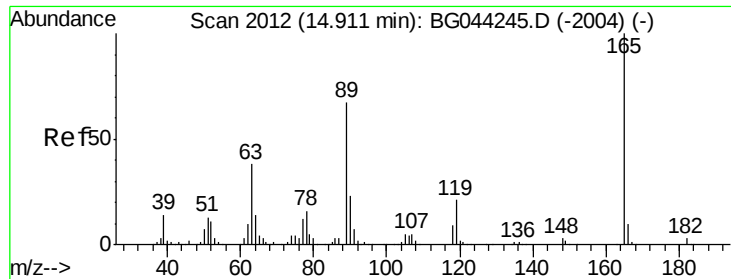
Tot Ion:172 Resp: 1254505
Ion Ratio Lower Upper
172 100
171 38.6 32.9 49.3
170 26.6 22.0 33.0



#50
Dimethylphthalate
Concen: 5.833 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG044312.D
Acq: 5 Feb 2020 20:04

Tgt Ion:163 Resp: 97463
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 10.5 8.7 13.1

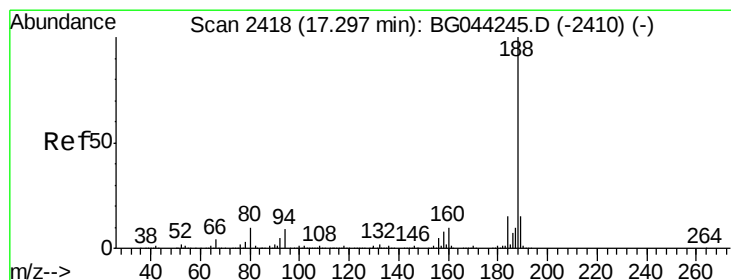
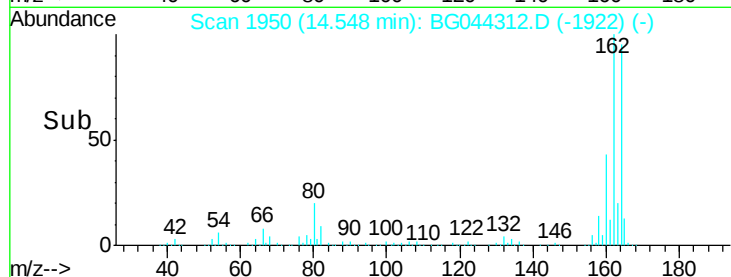
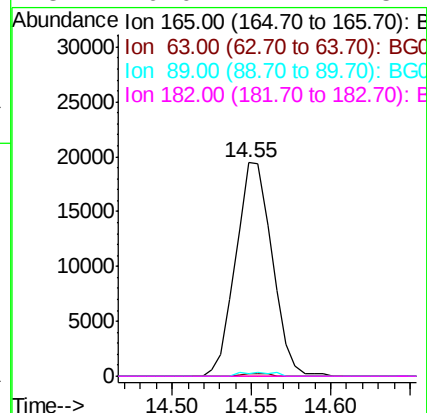
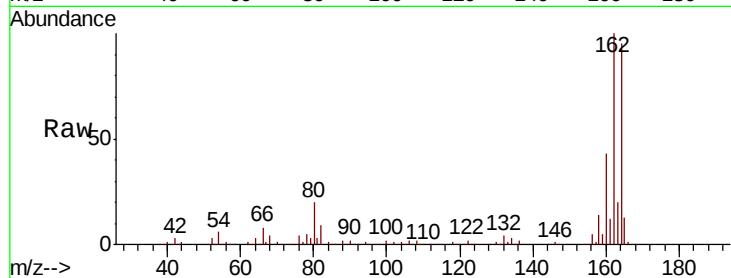




#57
 2,4-Dinitrotoluene
 Concen: 5.929 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

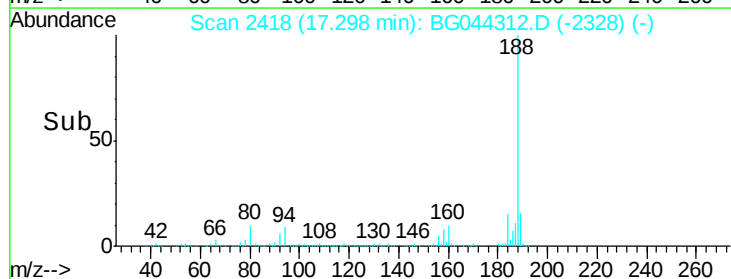
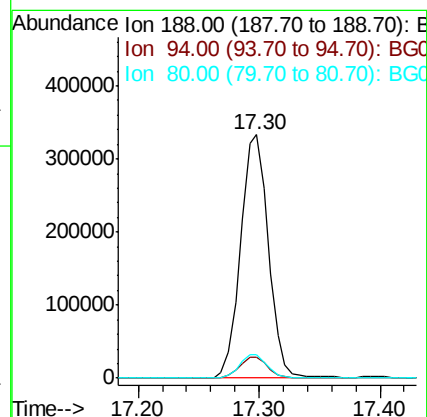
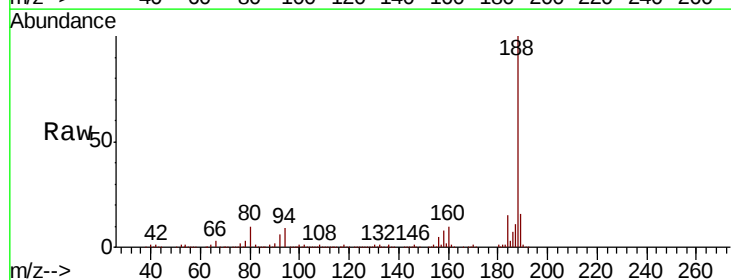
Instrument :
 BNA_G
 ClientSampleId :

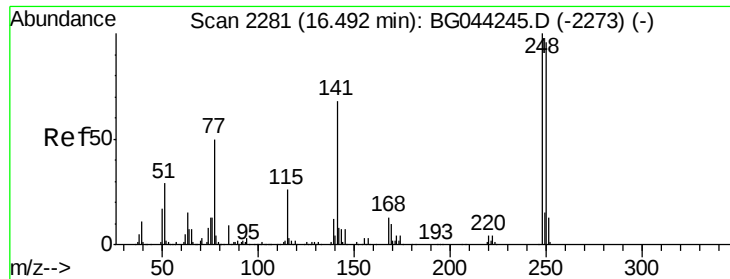
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	30.3	45.5#
89	1.1	53.4	80.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.9	7.7	11.5





#67

4-Bromophenyl-phenylether

Concen: 4.574 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.45 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

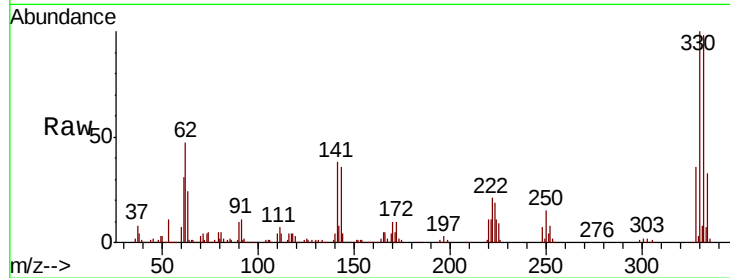
Tot Ion:248 Resp: 26678

Ion Ratio Lower Upper

248 100

250 214.1 76.6 114.8#

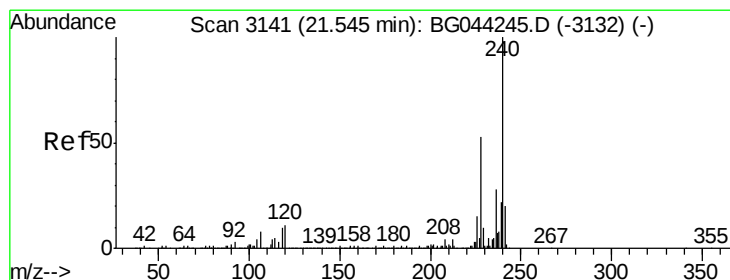
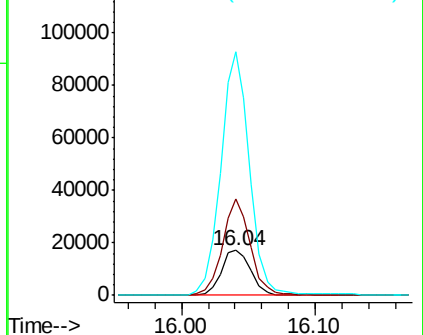
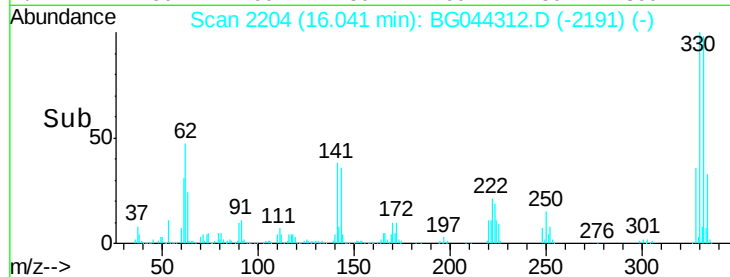
141 539.4 54.7 82.1#



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: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

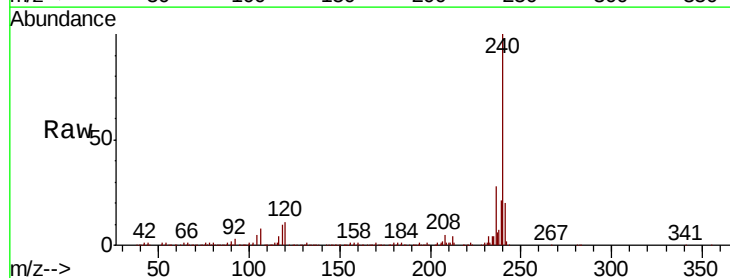
Tgt Ion:240 Resp: 482299

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

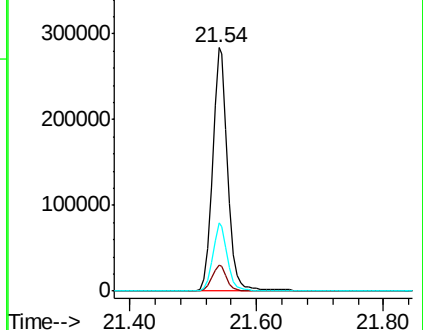
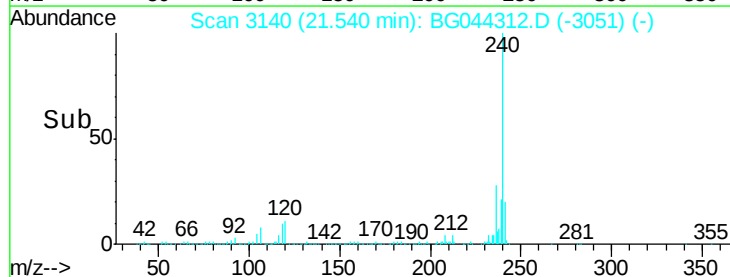
236 27.9 22.1 33.1

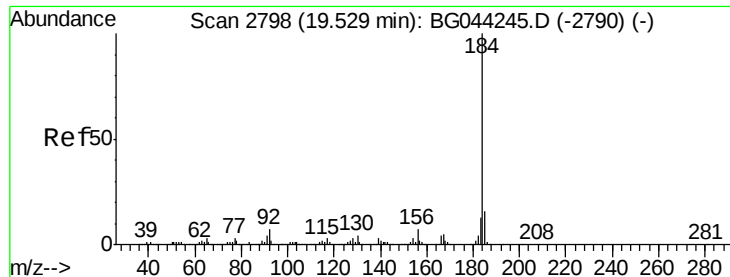


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.642 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

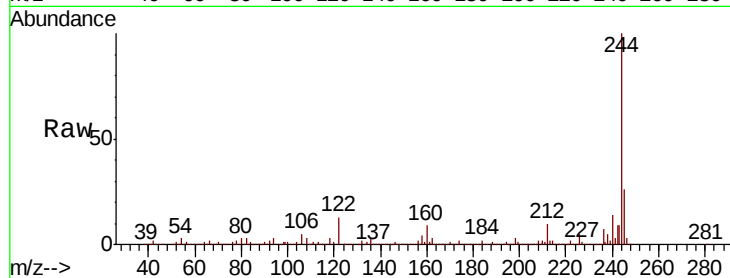
Tot Ion:184 Resp: 35347

Ion Ratio Lower Upper

184 100

185 16.4 12.9 19.3

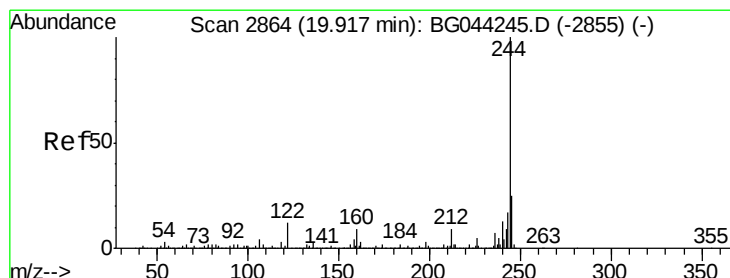
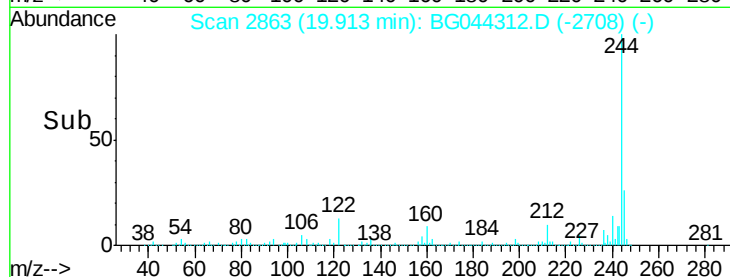
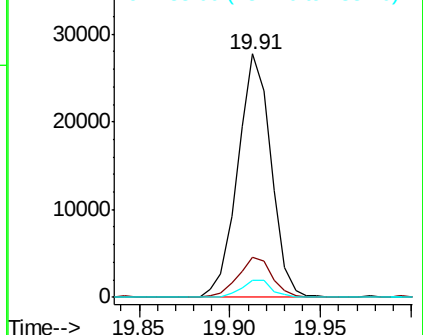
183 6.9 10.8 16.2#



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: 87.313 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

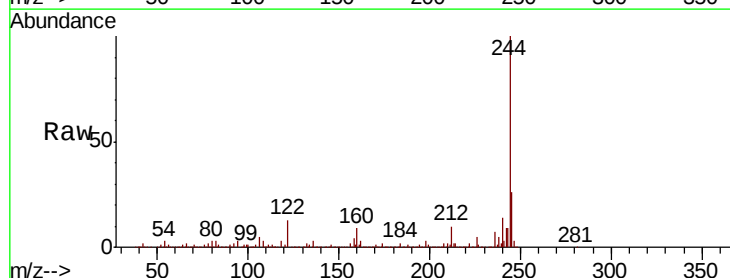
Tgt Ion:244 Resp: 2047336

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.2

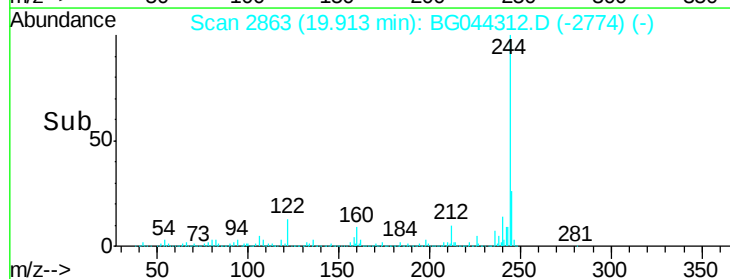
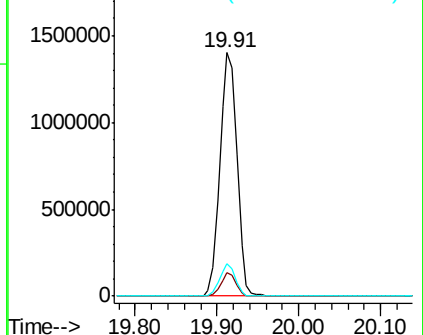
122 13.2 9.8 14.6

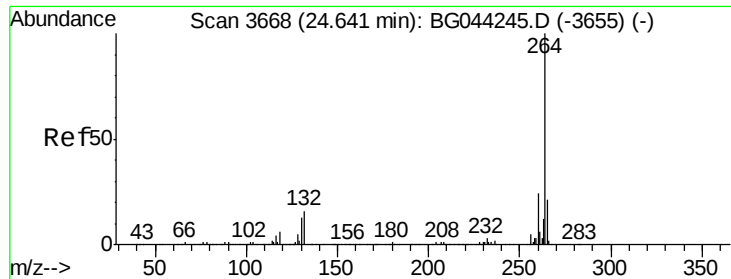


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.64 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG044312.D
Acq: 5 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.0	16.7	25.1

