

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044677.D
 Acq On : 4 Mar 2020 00:49
 Operator : CG/JU
 Sample : L1769-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:48:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

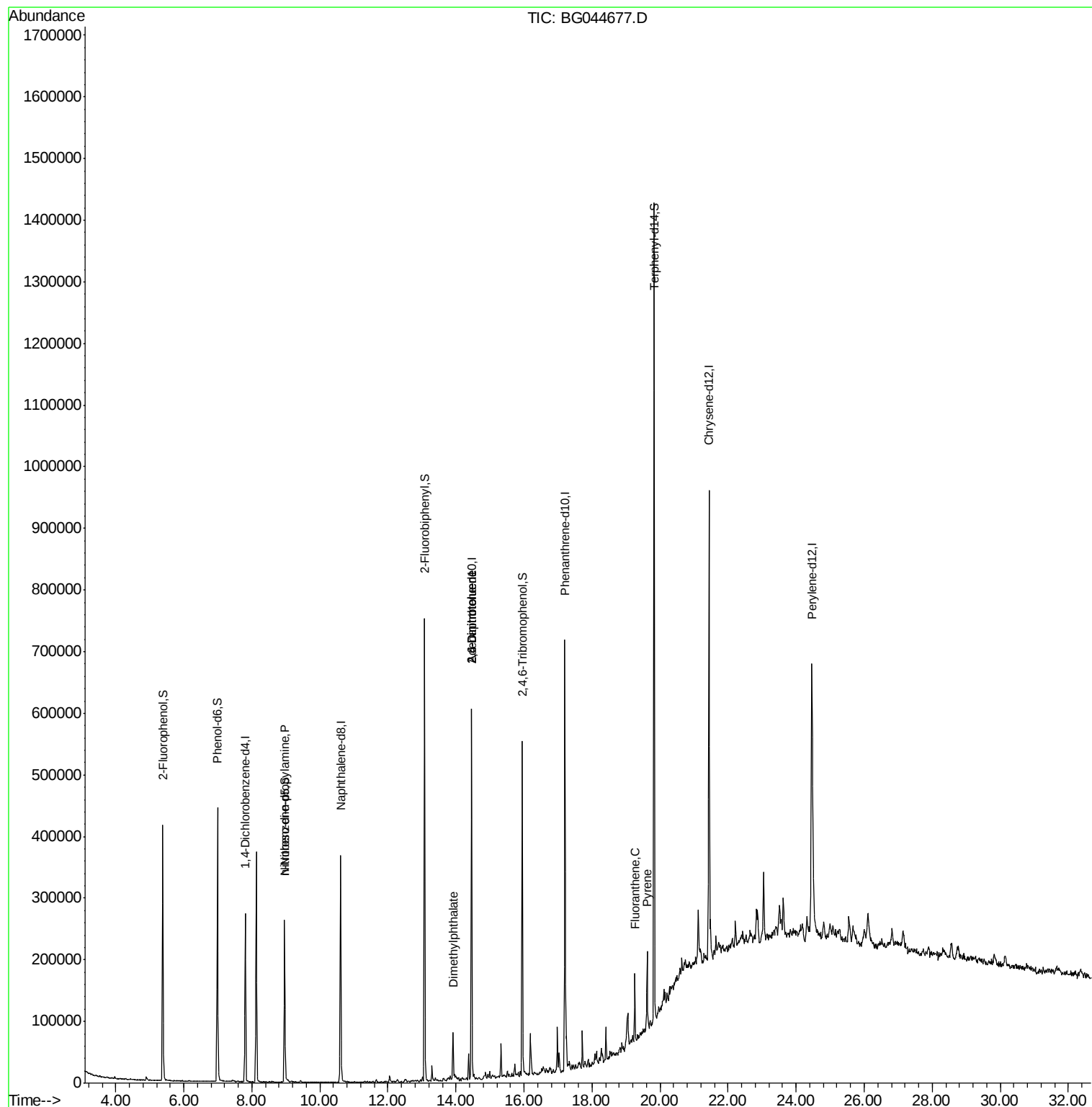
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	78130	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	343217	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	217996	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	448640	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	408834	20.00	ng	-0.06
87) Perylene-d12	24.46	264	478152	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	217212	44.61	ng	-0.06
7) Phenol-d6	6.99	99	295881	44.39	ng	-0.06
23) Nitrobenzene-d5	8.96	82	176367	26.47	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	118466	38.33	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	433463	28.47	ng	-0.06
79) Terphenyl-d14	19.82	244	648972	30.05	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	21500	5.018	ng	Qvalue # 78
50) Dimethylphthalate	13.91	163	59533	3.383	ng	99
51) 2,6-Dinitrotoluene	14.45	165	29310	7.553	ng	# 32
57) 2,4-Dinitrotoluene	14.45	165	29310	5.372	ng	# 30
75) Fluoranthene	19.26	202	63258	2.151	ng	98
78) Pyrene	19.62	202	67234	2.265	ng	99

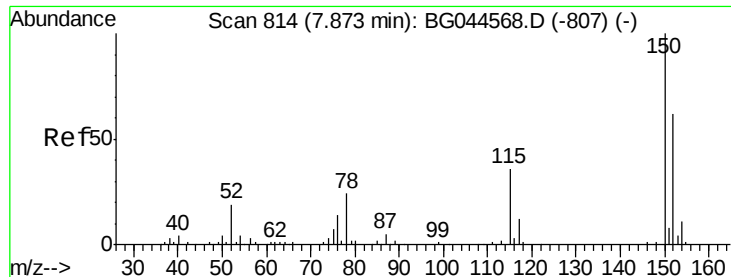
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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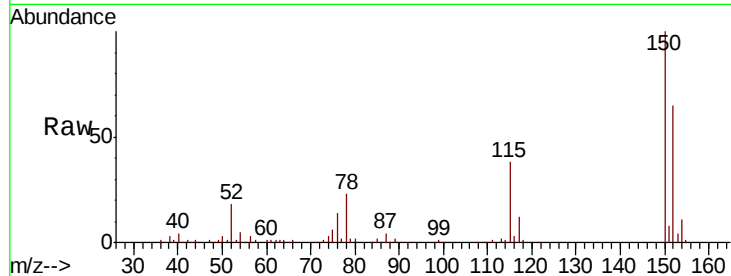


#1

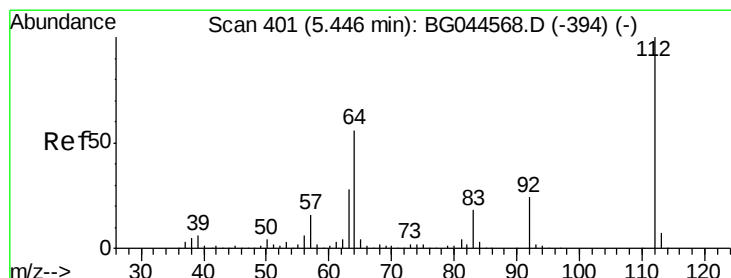
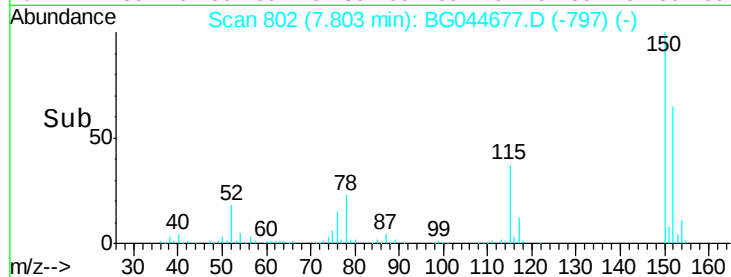
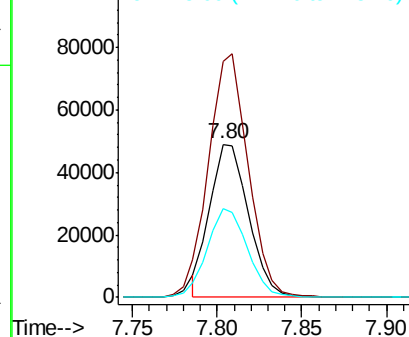
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 78130
Ion Ratio Lower Upper
152 100
150 154.1 128.9 193.3
115 57.9 47.0 70.4



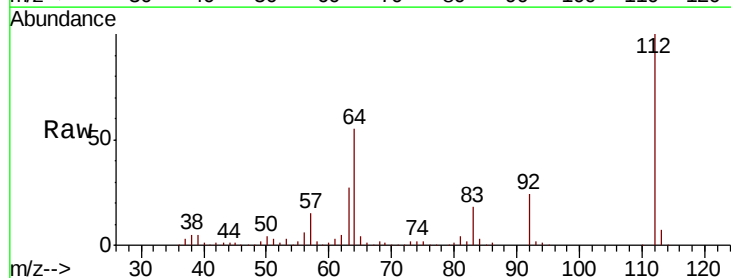
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



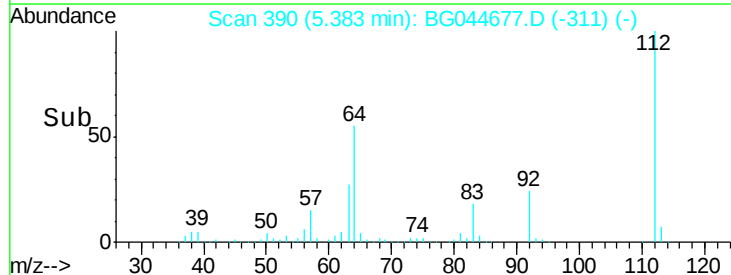
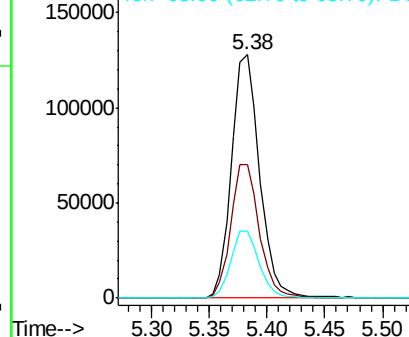
#5

2-Fluorophenol
Concen: 44.606 ng
RT: 5.38 min Scan# 390
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion:112 Resp: 217212
Ion Ratio Lower Upper
112 100
64 54.9 44.8 67.2
63 27.3 22.3 33.5



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: 44.390 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

ClientSampled :

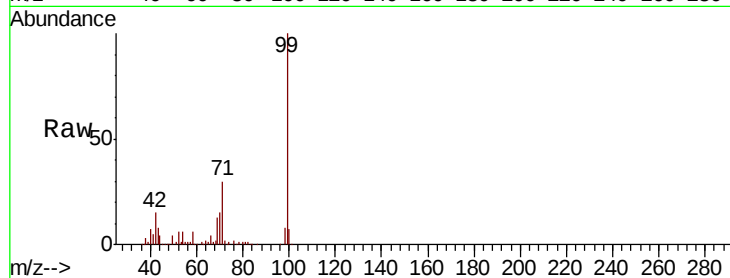
Tot Ion: 99 Resp: 295881

Ion Ratio Lower Upper

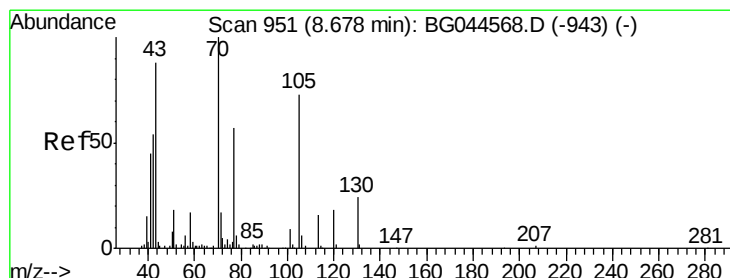
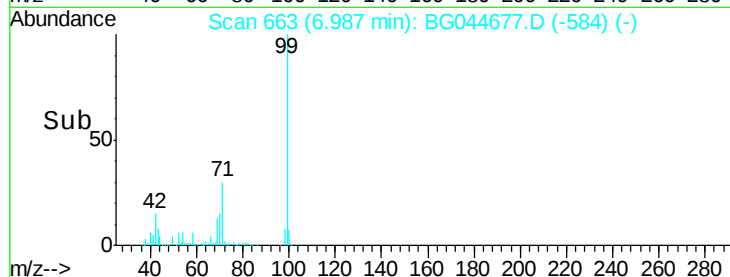
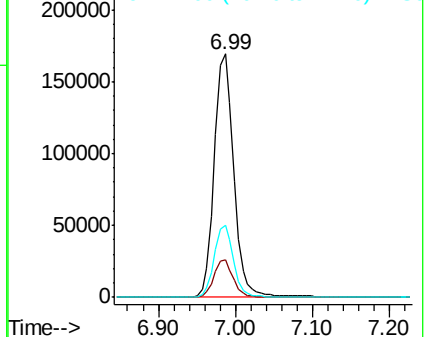
99 100

42 15.3 12.8 19.2

71 29.8 24.4 36.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.018 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Tgt Ion: 70 Resp: 21500

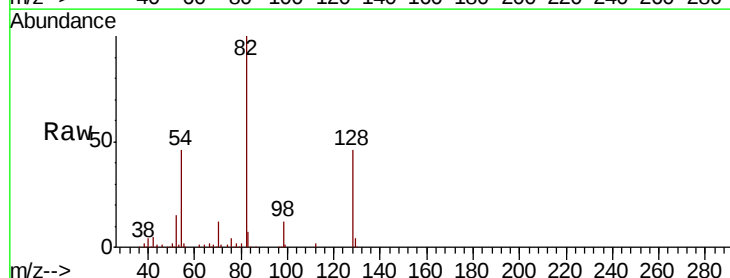
Ion Ratio Lower Upper

70 100

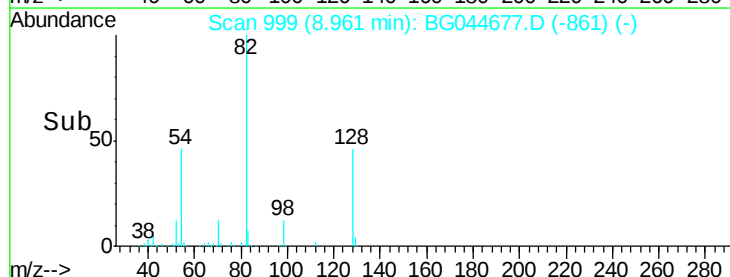
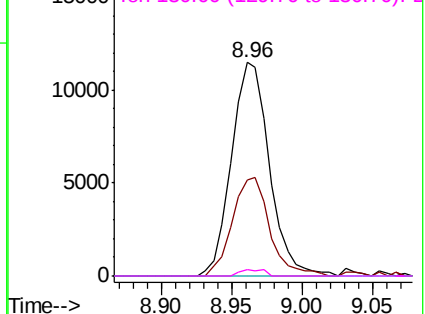
42 44.8 43.4 65.0

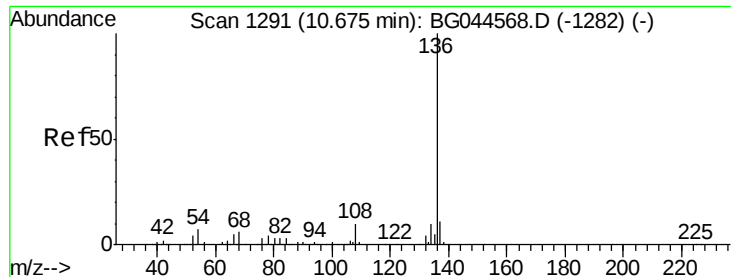
101 0.0 7.5 11.3#

130 2.9 18.9 28.3#



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: 10.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 343217

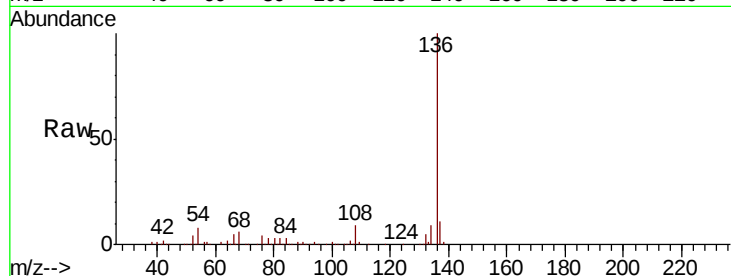
Ion Ratio Lower Upper

136 100

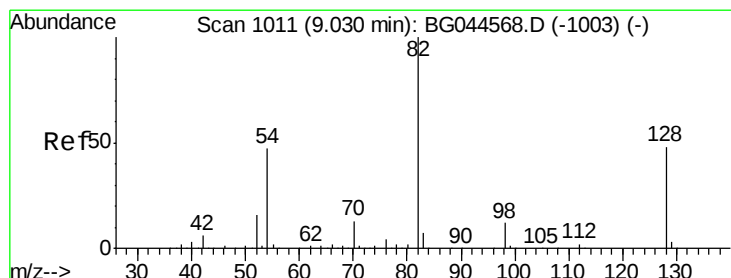
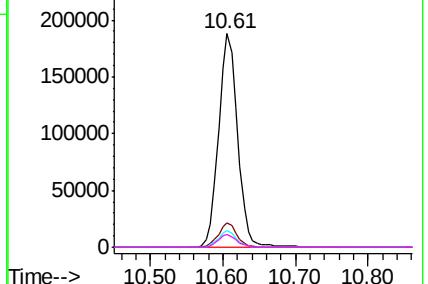
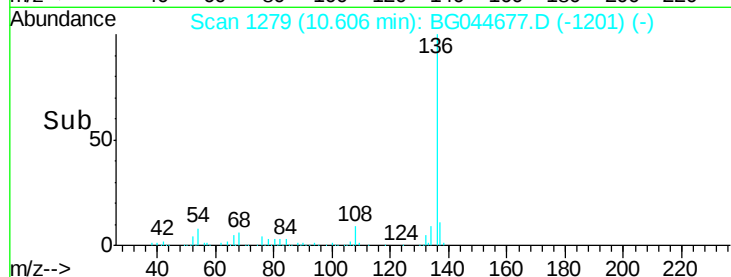
137 11.4 8.8 13.2

54 7.7 5.7 8.5

68 6.2 4.5 6.7



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



#23

Nitrobenzene-d5

Concen: 26.473 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.07 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

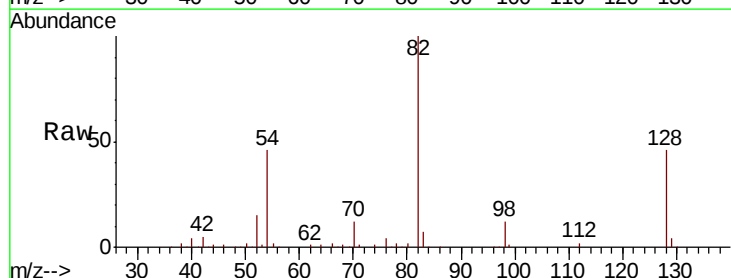
Tgt Ion: 82 Resp: 176367

Ion Ratio Lower Upper

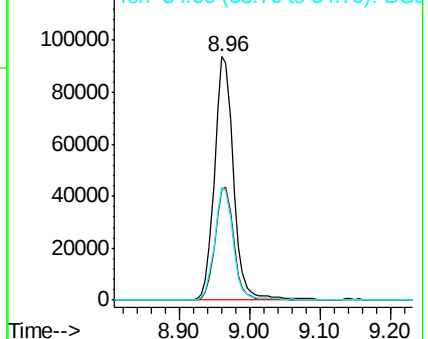
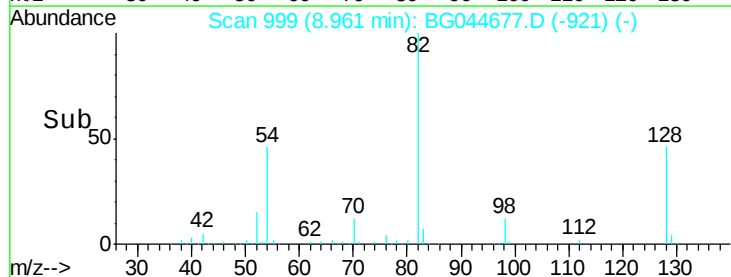
82 100

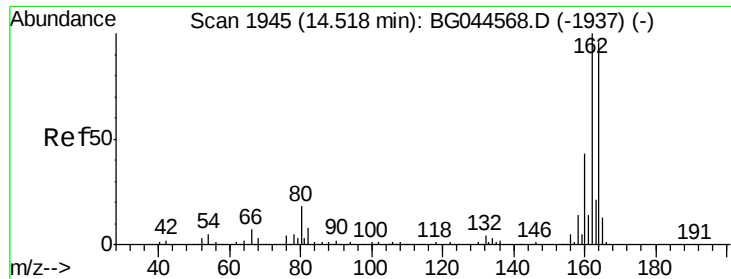
128 45.5 38.1 57.1

54 46.5 37.5 56.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

ClientSampleId :

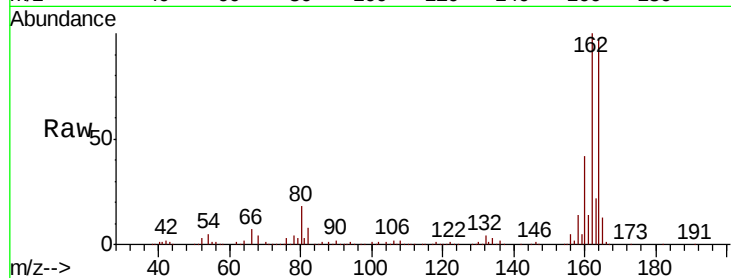
Tot Ion:164 Resp: 217996

Ion Ratio Lower Upper

164 100

162 103.0 83.6 125.4

160 43.2 36.2 54.4

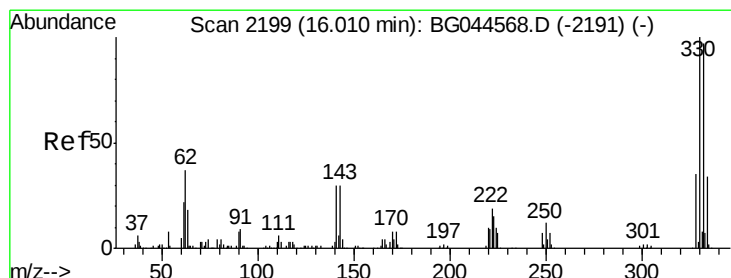
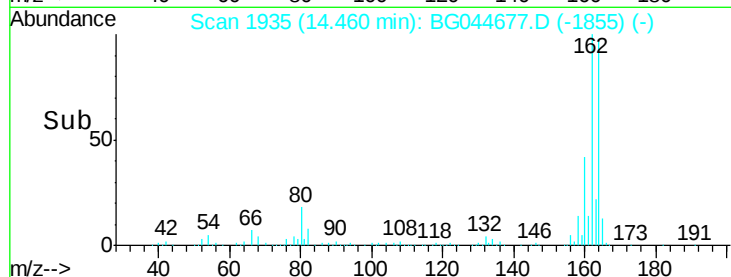
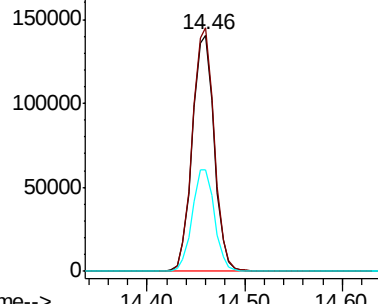


Abundance

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: 38.326 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

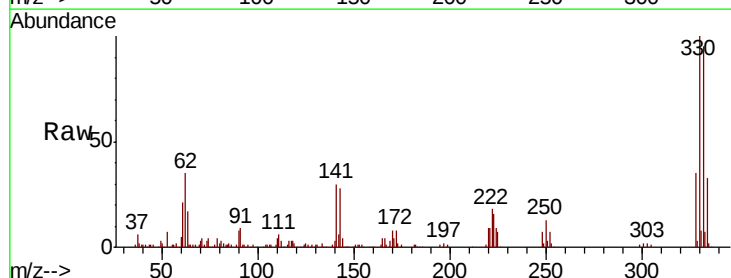
Tgt Ion:330 Resp: 118466

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

141 31.4 26.1 39.1

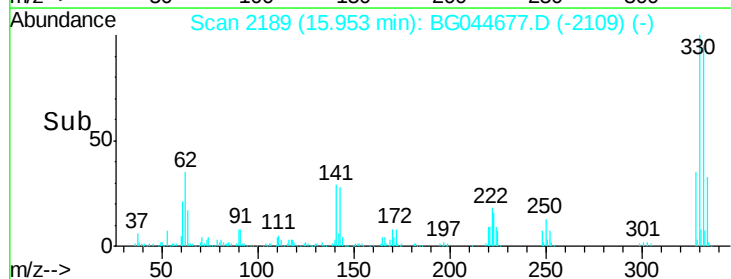
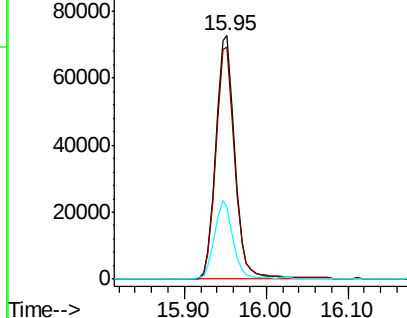


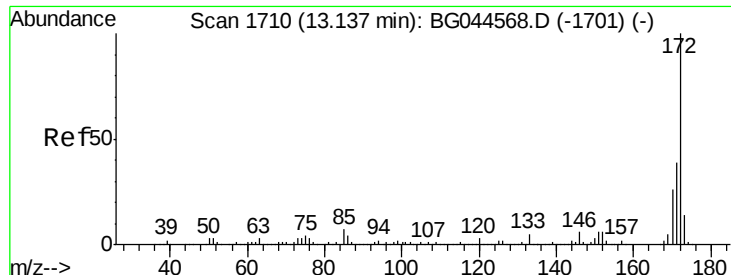
Abundance

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

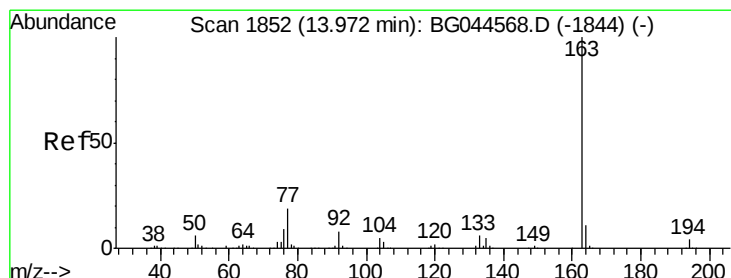
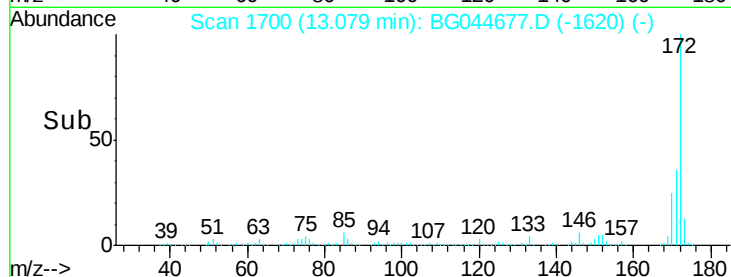
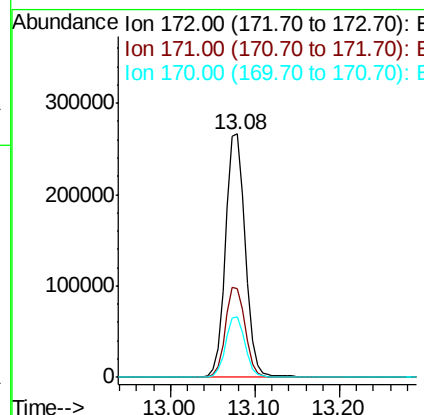
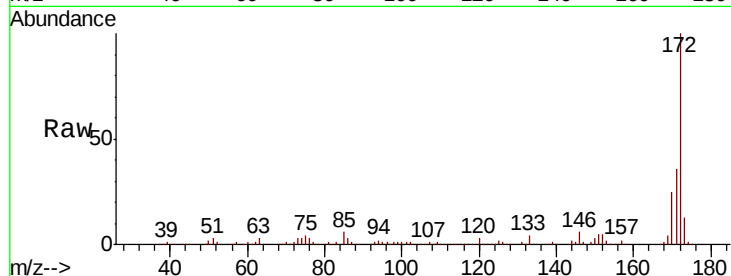




#45
2-Fluorobiphenyl
Concen: 28.474 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

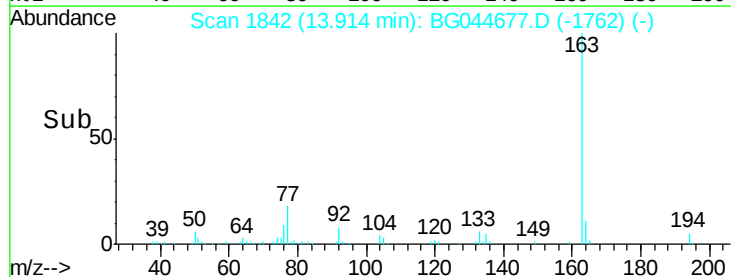
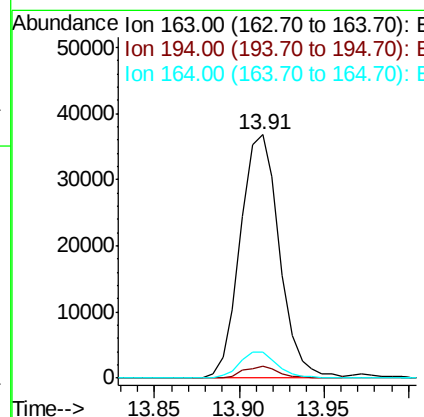
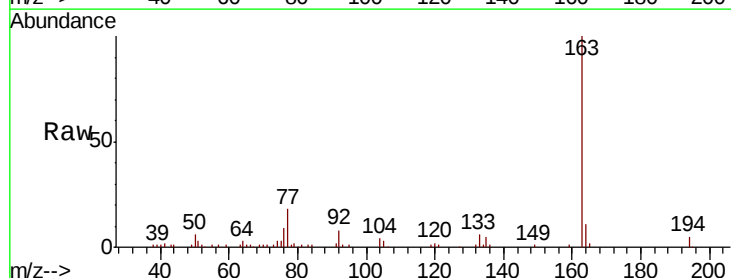
Instrument :
BNA_G
ClientSampleId :

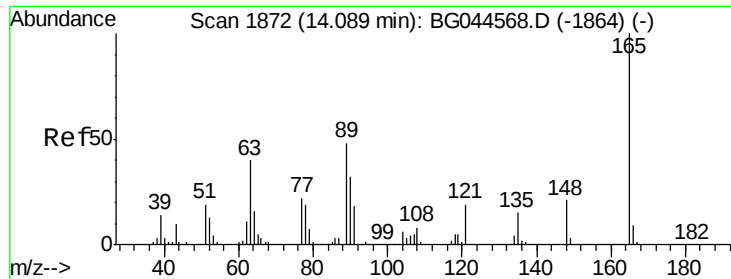
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.3	46.9
170	25.0	21.0	31.4



#50
Dimethylphthalate
Concen: 3.383 ng
RT: 13.91 min Scan# 1842
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	10.9	8.7	13.1

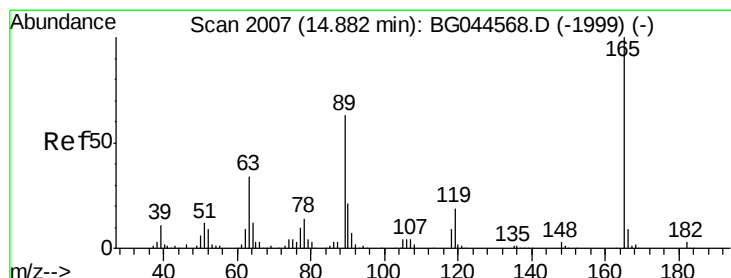
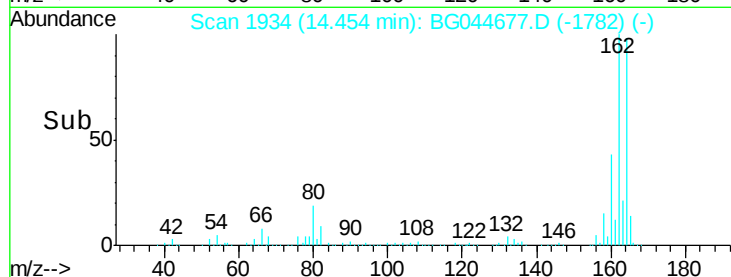
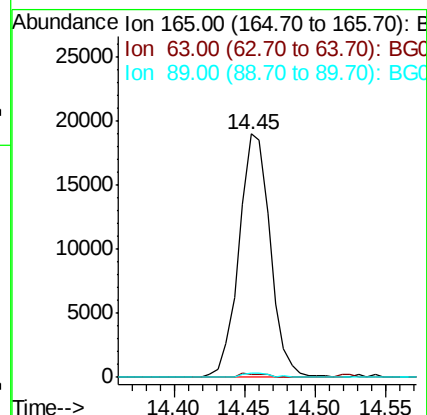
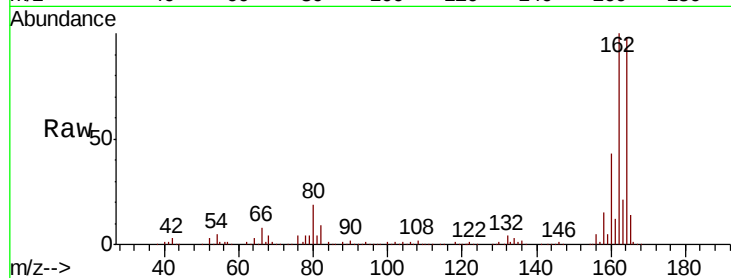




#51
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.37 min
 Lab File: BG044677.D
 Acq: 4 Mar 2020 00:49

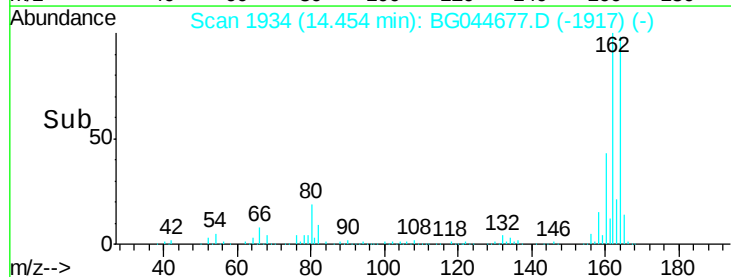
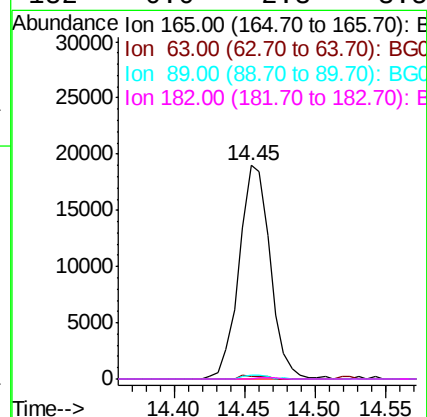
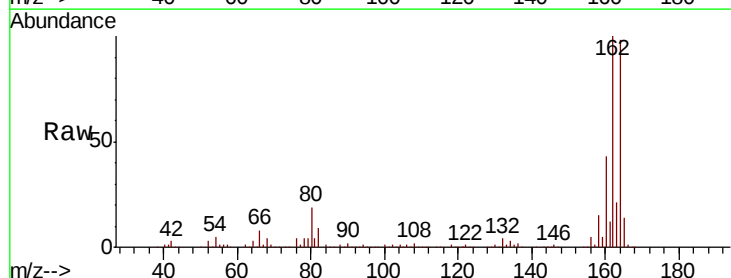
Instrument :
 BNA_G
 ClientSampleId :

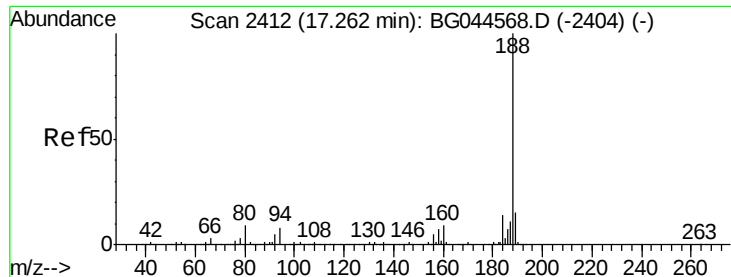
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.8	53.6#
89	1.6	38.7	58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.372 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044677.D
 Acq: 4 Mar 2020 00:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.6	50.0	75.0#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2402

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

ClientSampleId :

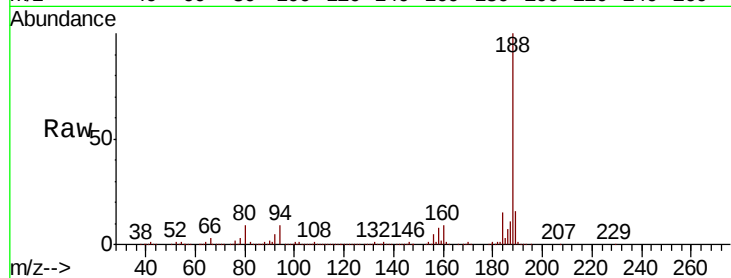
Tot Ion:188 Resp: 448640

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

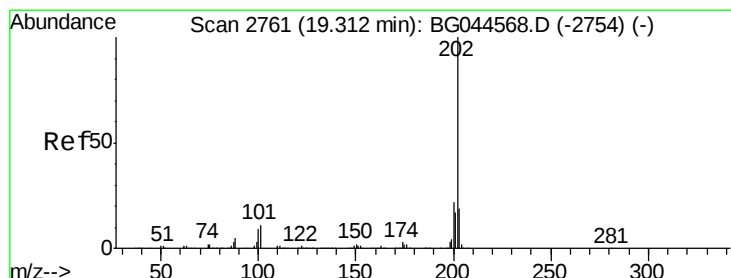
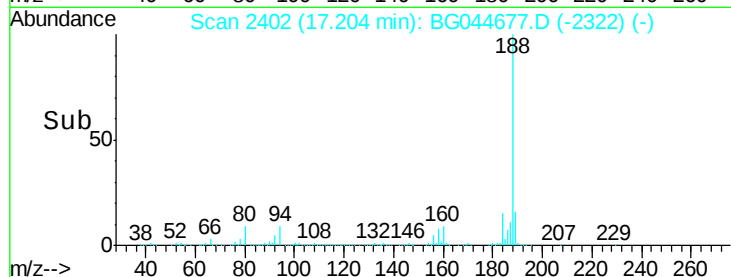
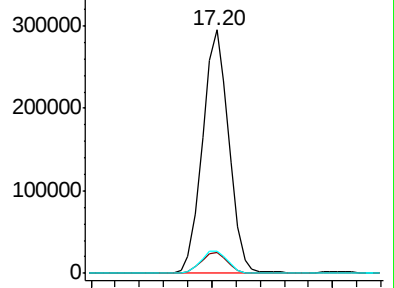
80 9.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Fluoranthene

Concen: 2.151 ng

RT: 19.26 min Scan# 2752

Delta R.T. -0.05 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

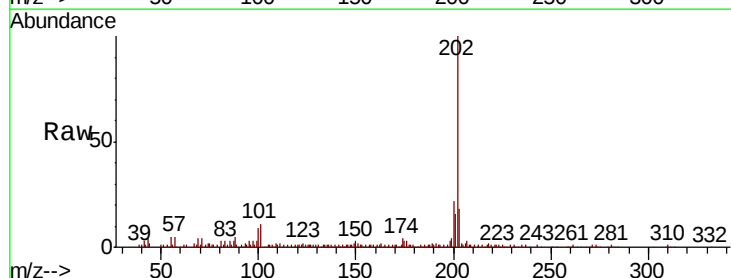
Tgt Ion:202 Resp: 63258

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.0

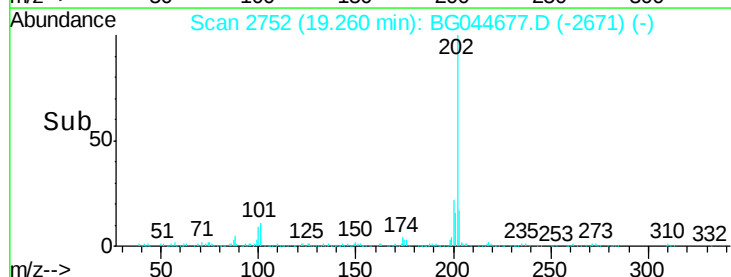
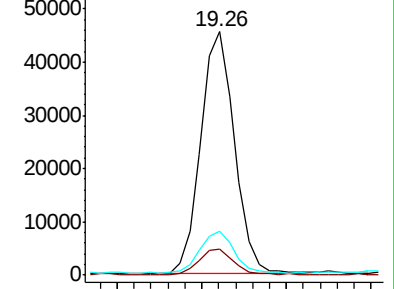
203 18.1 0.0 39.2

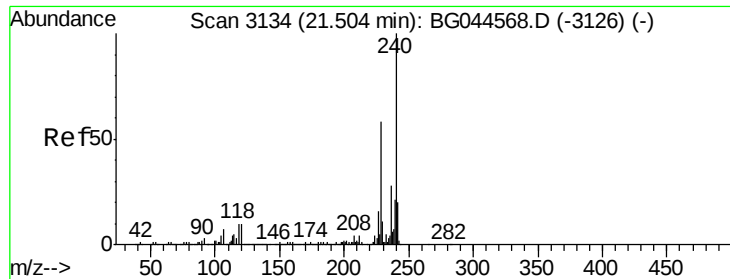


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

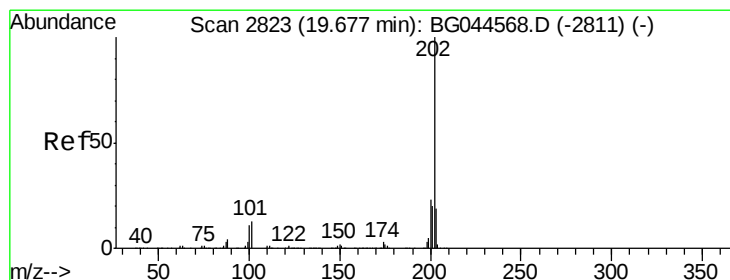
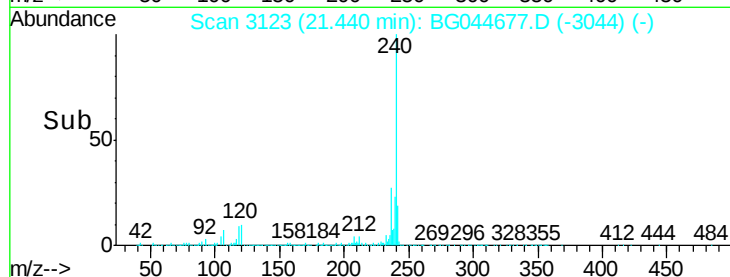
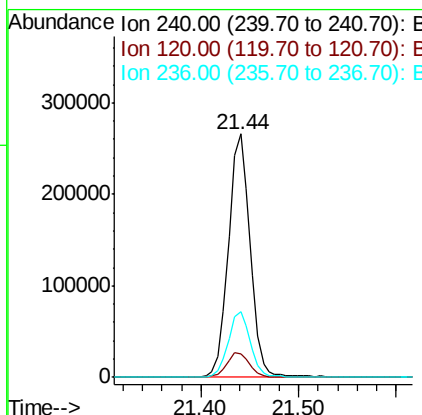
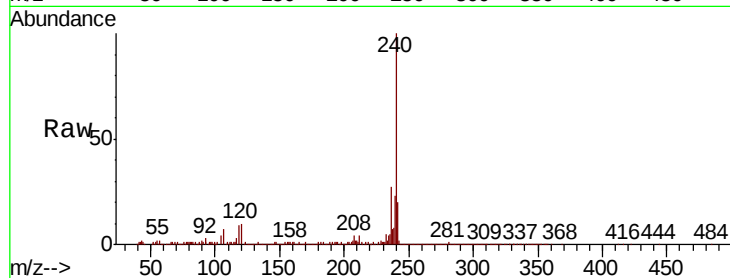




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

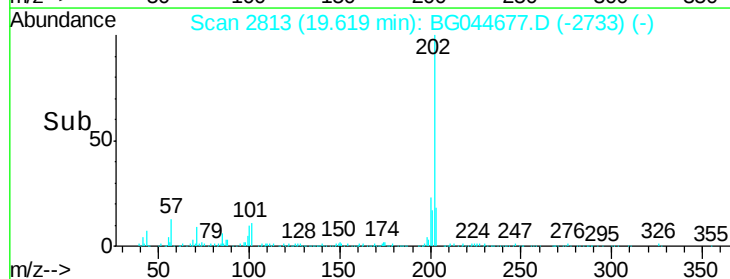
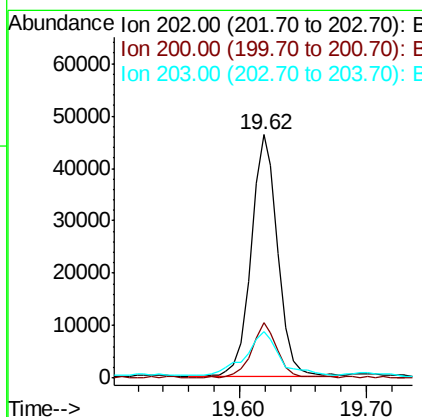
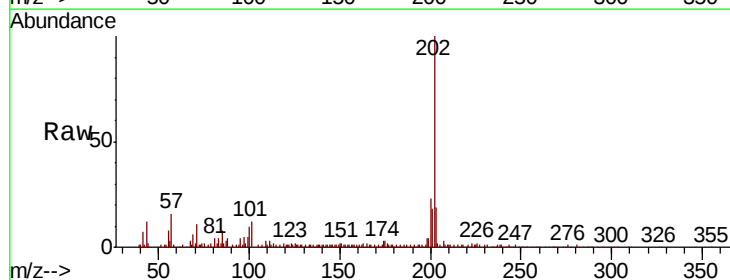
Instrument :
BNA_G
ClientSampleId :

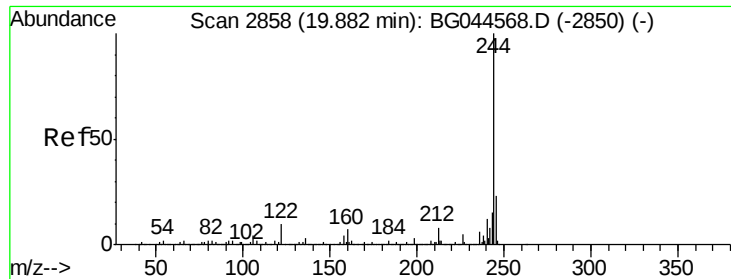
Tot Ion:240 Resp: 408834
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 27.2 22.3 33.5



#78
Pyrene
Concen: 2.265 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion:202 Resp: 67234
Ion Ratio Lower Upper
202 100
200 22.6 18.6 28.0
203 19.3 15.3 22.9





#79

Terphenyl-d14

Concen: 30.050 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

ClientSampleId :

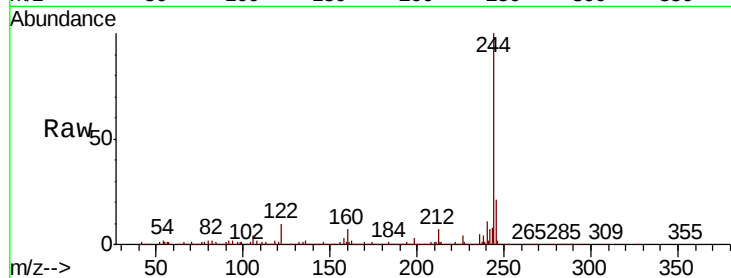
Tot Ion:244 Resp: 648972

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

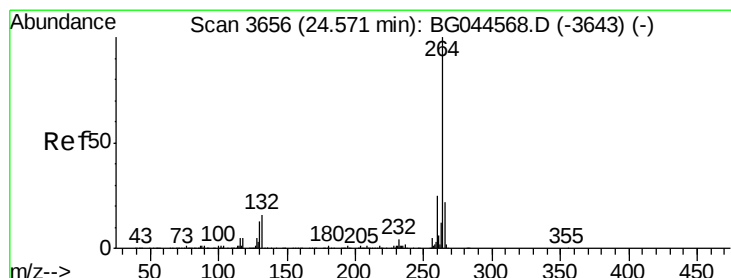
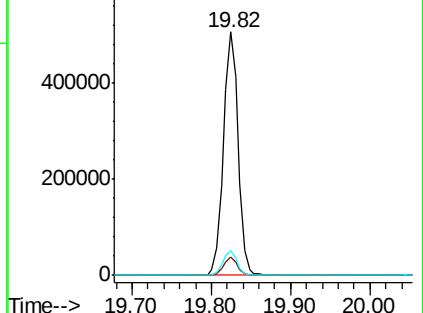
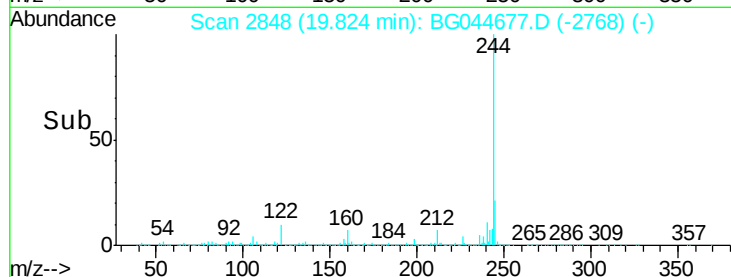
122 10.1 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.11 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

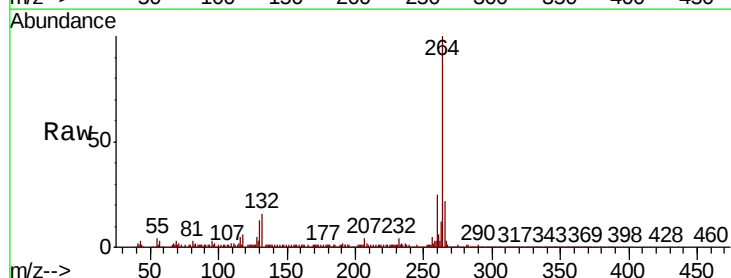
Tgt Ion:264 Resp: 478152

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

