

Data File : BG044638.D
Acq On : 2 Mar 2020 18:29
Operator : CG/JU
Sample : L1740-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GP-08-022720

Quant Time: Mar 03 06:15:02 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

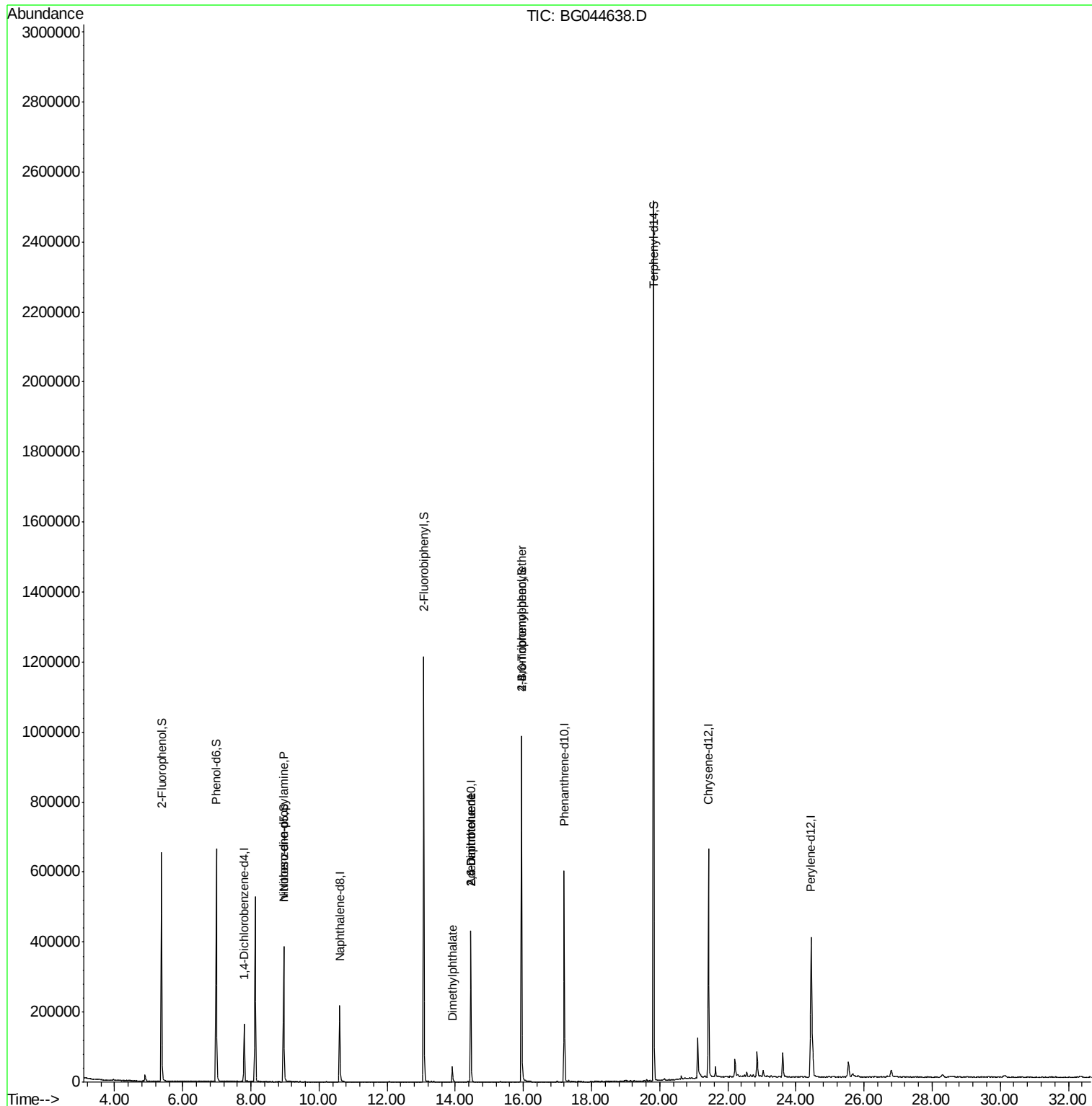
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	43175	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	210954	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	153630	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	378324	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	364082	20.00	ng	-0.07
87) Perylene-d12	24.45	264	410319	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	319061	118.57	ng	-0.07
7) Phenol-d6	6.98	99	435293	118.18	ng	-0.07
23) Nitrobenzene-d5	8.96	82	259257	63.31	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	204752	93.99	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	664566	61.94	ng	-0.06
79) Terphenyl-d14	19.82	244	1268090	65.94	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	32848	13.874	ng	# 79
50) Dimethylphthalate	13.92	163	39970	3.223	ng	# 99
51) 2,6-Dinitrotoluene	14.46	165	19663	7.190	ng	# 31
57) 2,4-Dinitrotoluene	14.46	165	19663	5.114	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	13438	2.862	ng	# 1

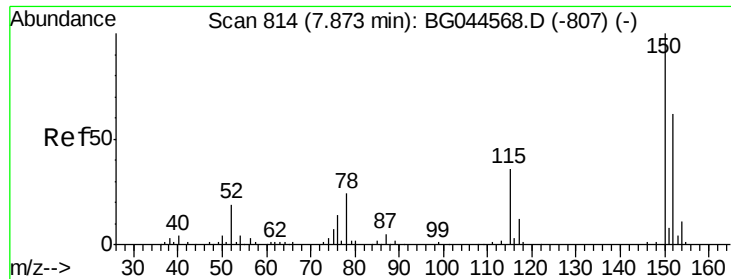
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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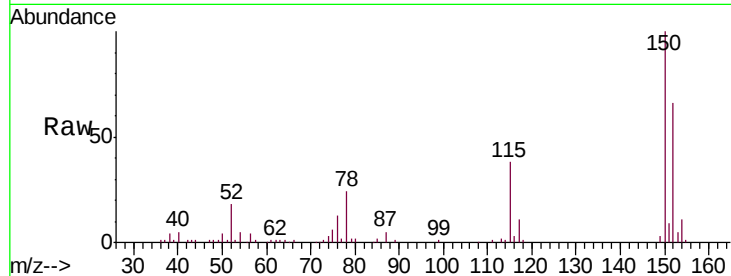


#1

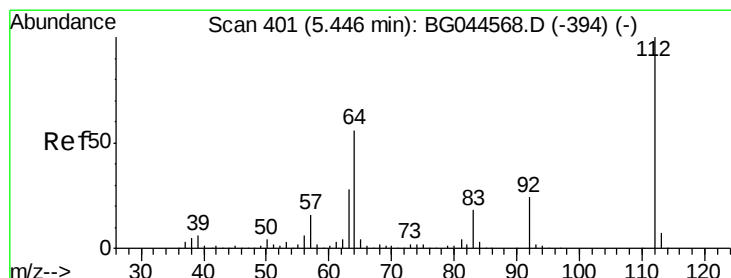
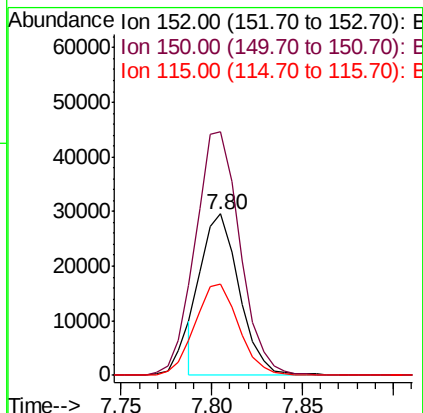
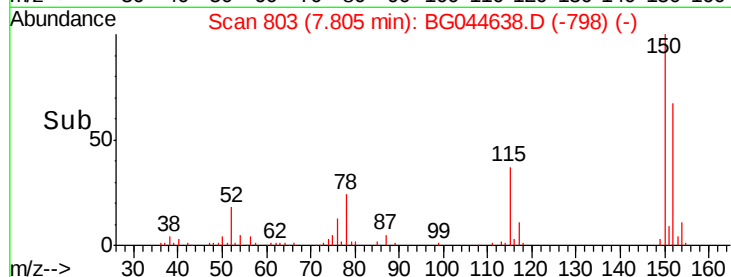
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 803
 Delta R.T. -0.07 min
 Lab File: BG044638.D
 Acq: 2 Mar 2020 18:29

Instrument :
 BNA_G
 ClientSampleId :
 GP-08-022720

Tgt Ion:152 Resp: 43175
 Ion Ratio Lower Upper
 152 100
 150 150.9 128.9 193.3
 115 56.8 47.0 70.4



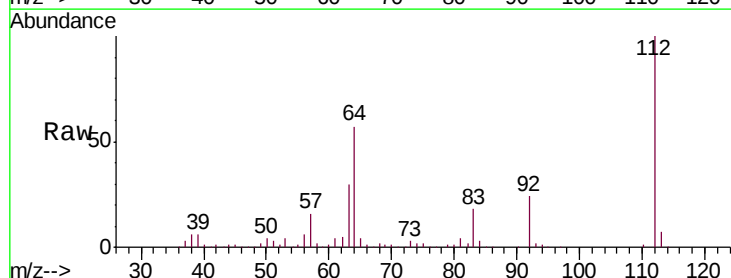
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



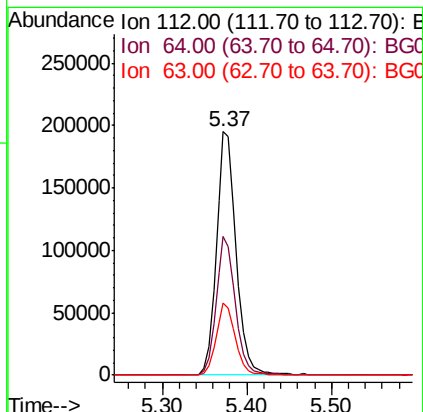
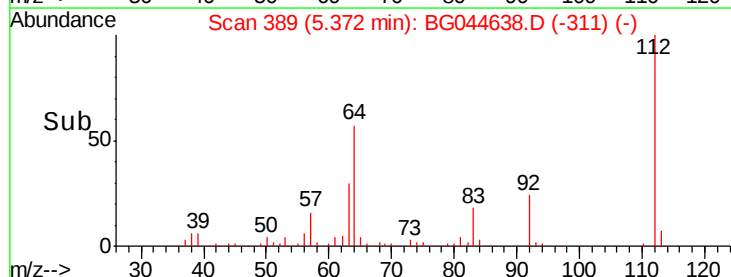
#5

2-Fluorophenol
 Concen: 118.569 ng
 RT: 5.37 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044638.D
 Acq: 2 Mar 2020 18:29

Tgt Ion:112 Resp: 319061
 Ion Ratio Lower Upper
 112 100
 64 57.1 44.8 67.2
 63 29.7 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: 118.178 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044638.D

Acq: 2 Mar 2020 18:29

Instrument :

BNA_G

ClientSampleId :

GP-08-022720

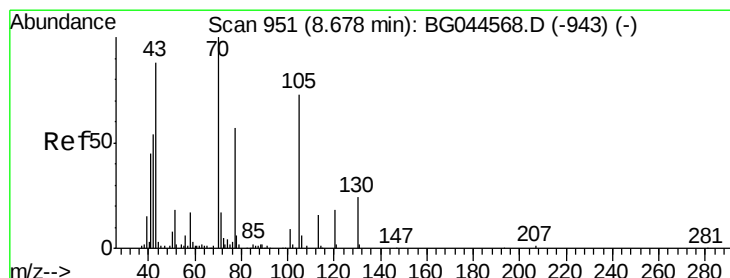
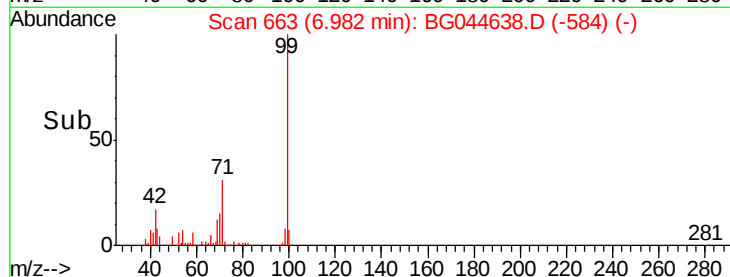
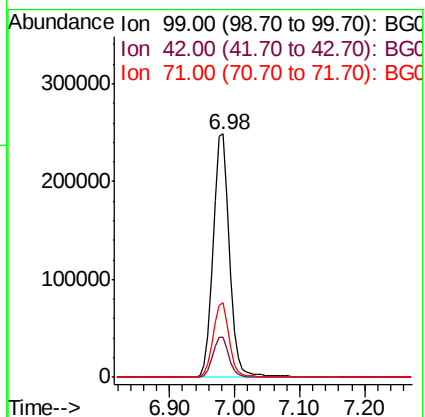
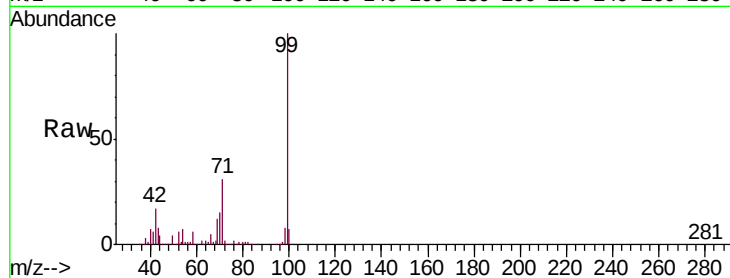
Tgt Ion: 99 Resp: 435293

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

71 30.6 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.874 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044638.D

Acq: 2 Mar 2020 18:29

Tgt Ion: 70 Resp: 32848

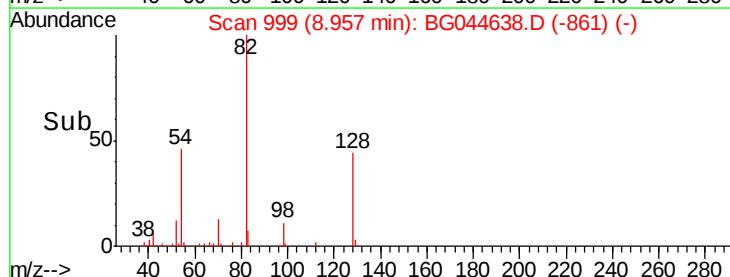
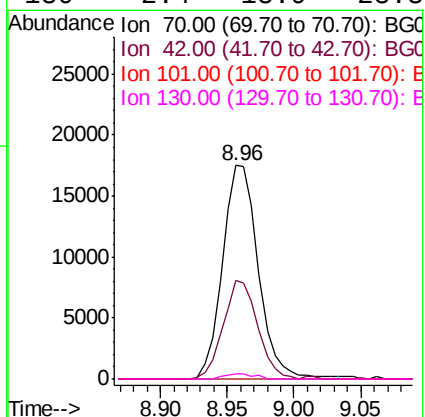
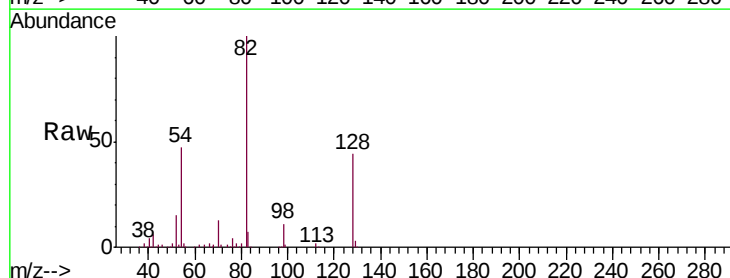
Ion Ratio Lower Upper

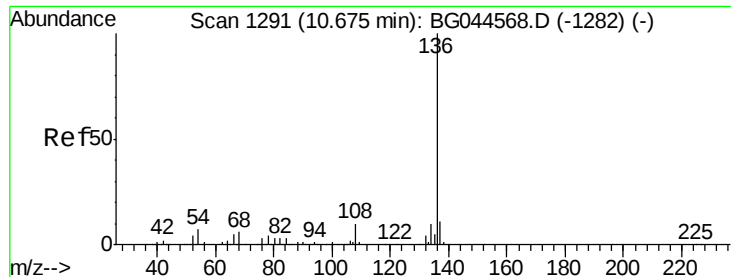
70 100

42 46.2 43.4 65.0

101 0.0 7.5 11.3#

130 2.4 18.9 28.3#

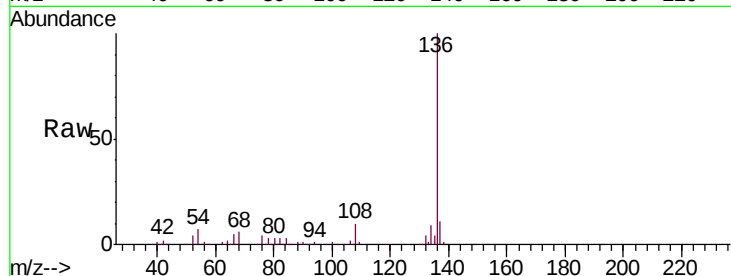




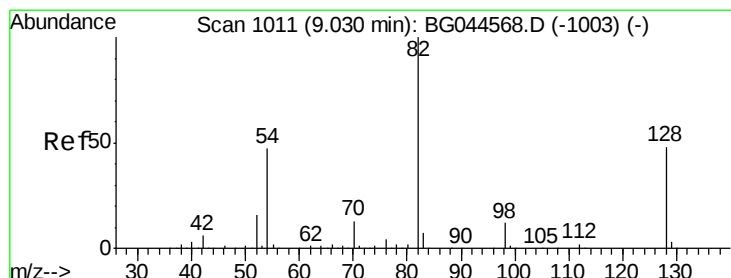
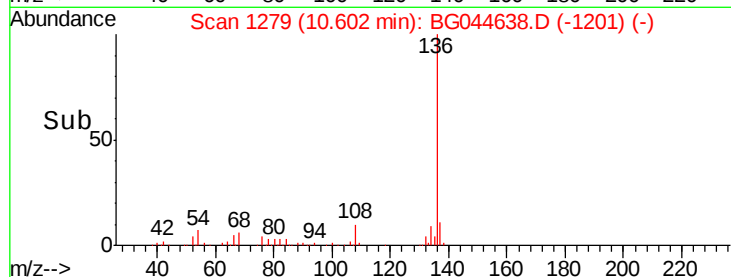
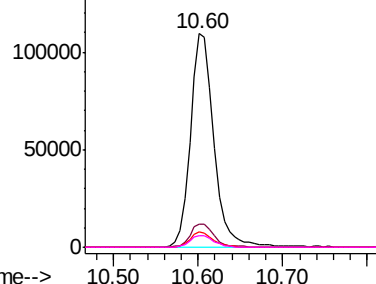
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

Instrument :
BNA_G
ClientSampleId :
GP-08-022720

Tgt Ion:	136	Resp:	210954
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.7	8.5
68	5.7	4.5	6.7

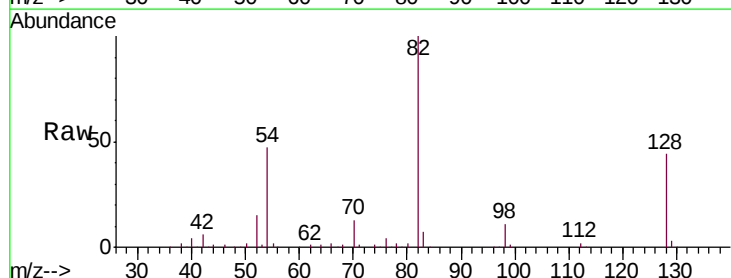


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

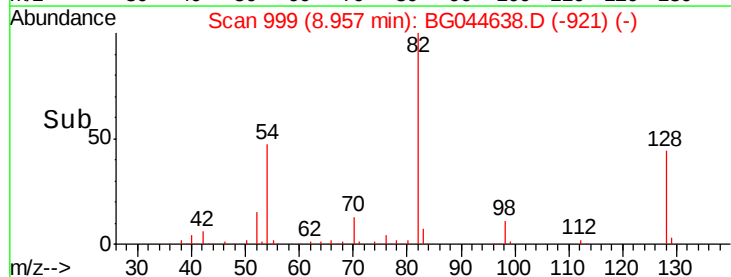
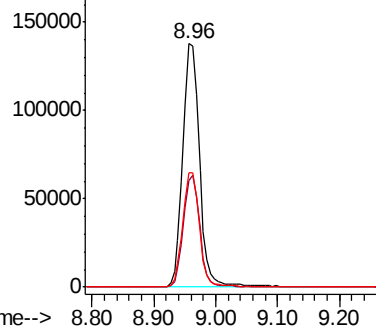


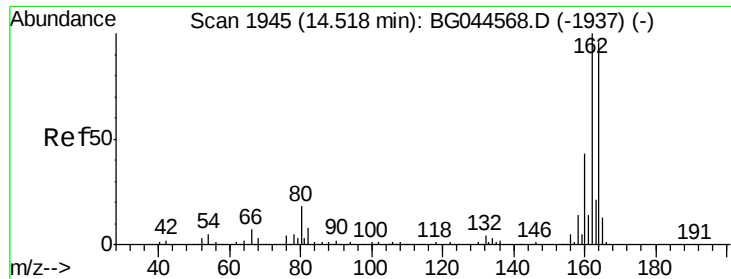
#23
Nitrobenzene-d5
Concen: 63.315 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

Tgt Ion:	82	Resp:	259257
Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.1	57.1
54	46.8	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: BG044638.D

Acq: 2 Mar 2020 18:29

Instrument :

BNA_G

ClientSampleId :

GP-08-022720

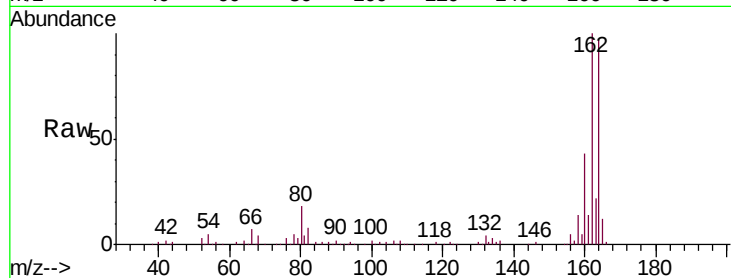
Tgt Ion:164 Resp: 153630

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

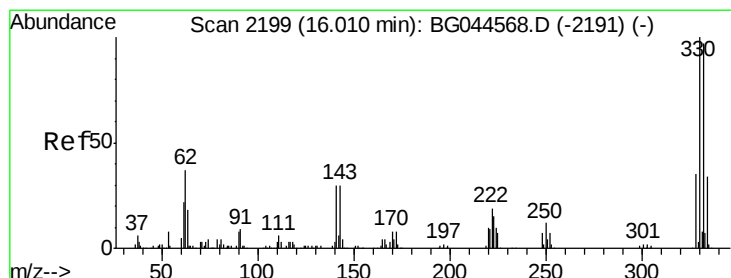
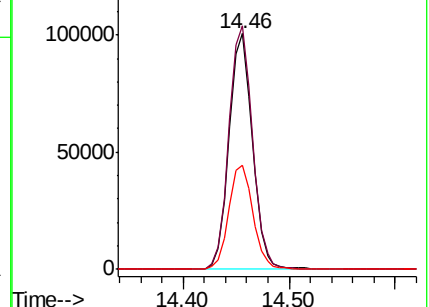
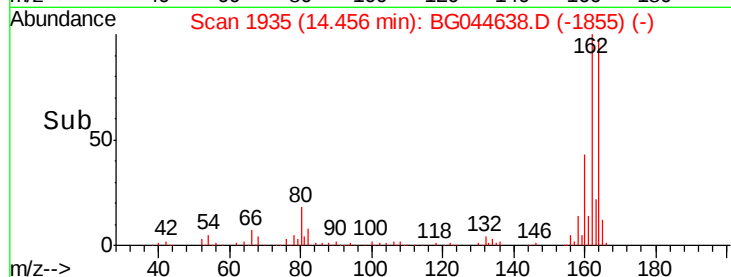
160 44.4 36.2 54.4



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: 93.994 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044638.D

Acq: 2 Mar 2020 18:29

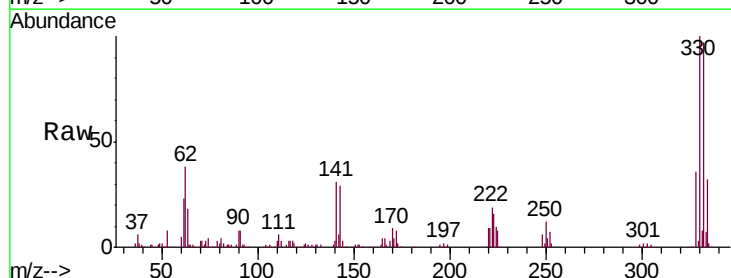
Tgt Ion:330 Resp: 204752

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

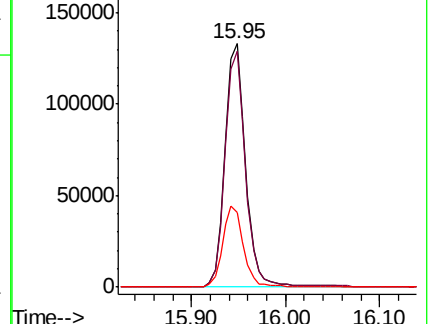
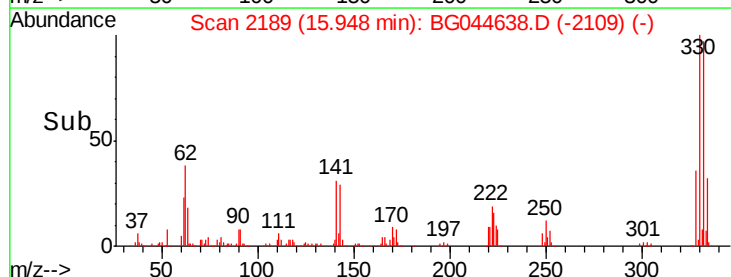
141 33.4 26.1 39.1

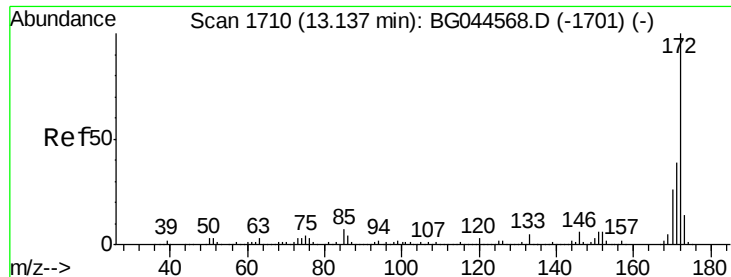


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

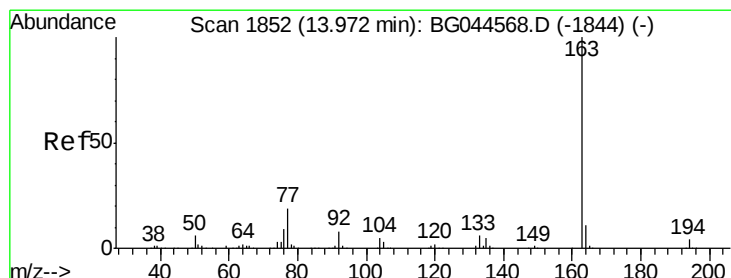
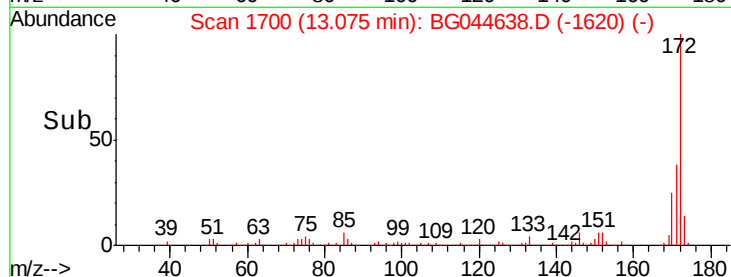
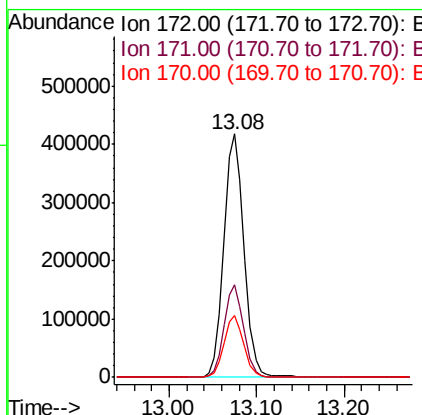
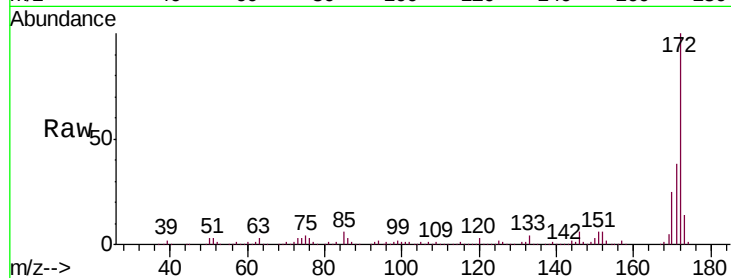




#45
2-Fluorobiphenyl
Concen: 61.944 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

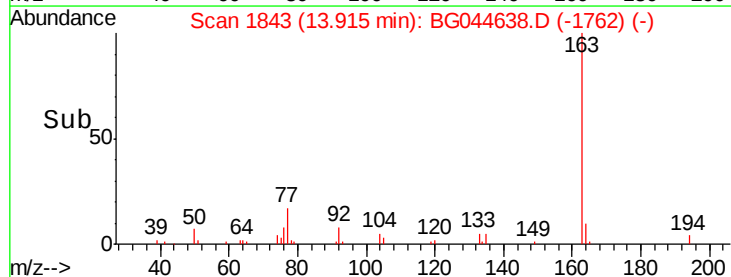
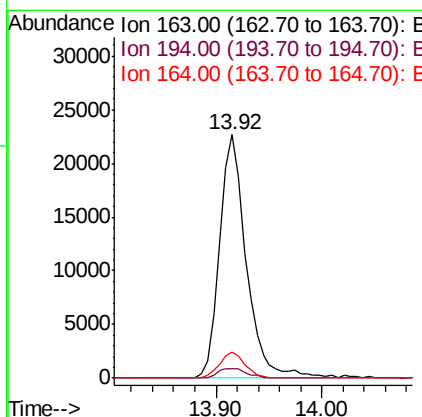
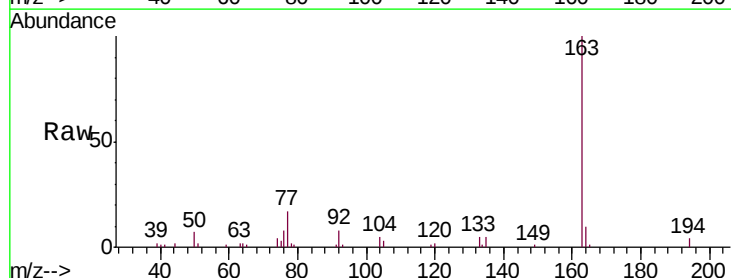
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ClientSampled :
GP-08-022720

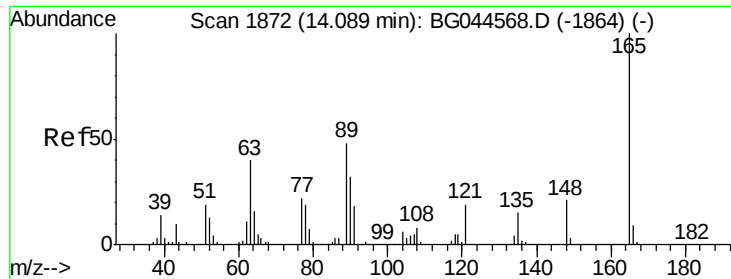
Tgt Ion:172 Resp: 664566
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.2 21.0 31.4



#50
Dimethylphthalate
Concen: 3.223 ng
RT: 13.92 min Scan# 1843
Delta R.T. -0.06 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

Tgt Ion:163 Resp: 39970
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.5 8.7 13.1

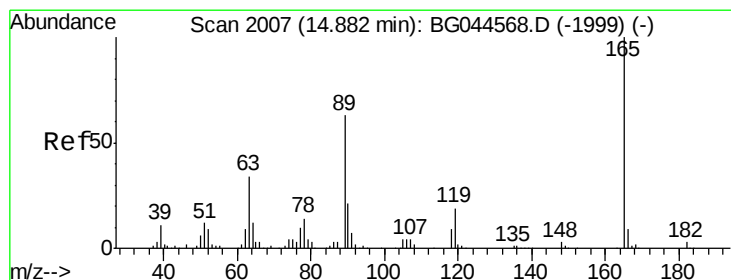
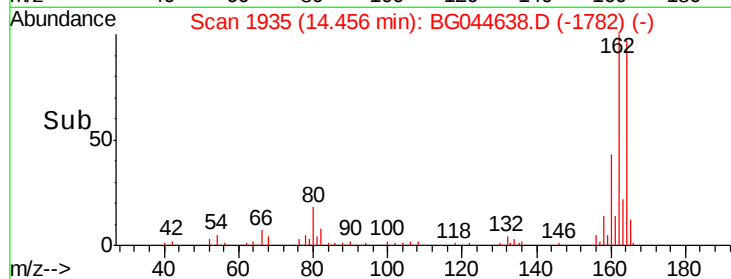
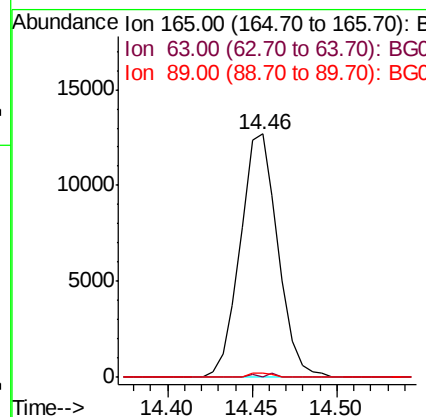
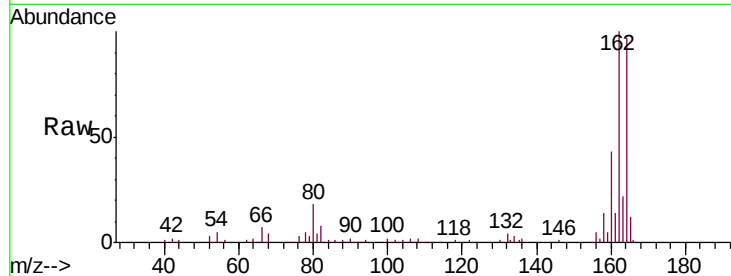




#51
 2,6-Dinitrotoluene
 Concen: 7.190 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. 0.37 min
 Lab File: BG044638.D
 Acq: 2 Mar 2020 18:29

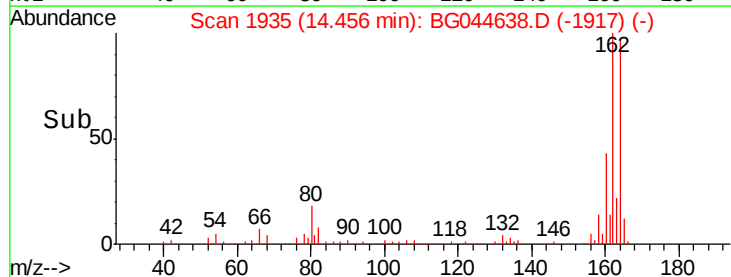
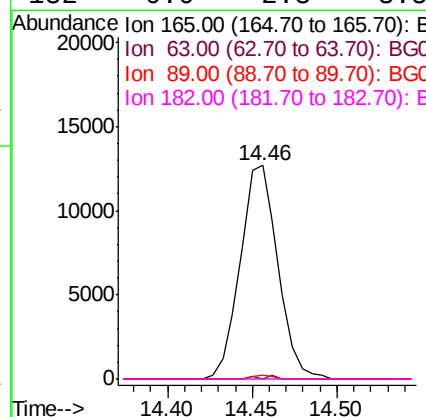
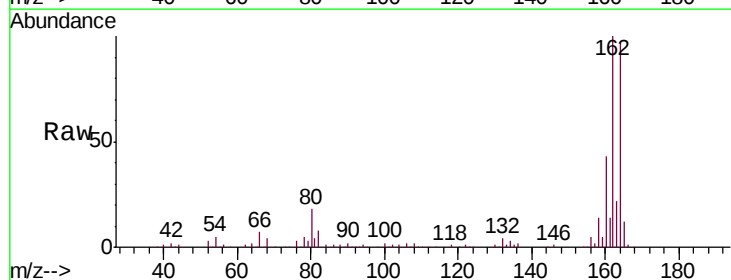
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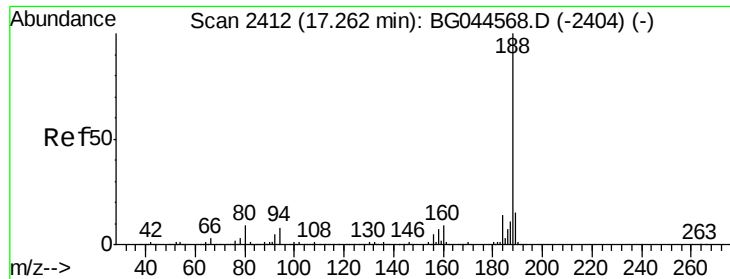
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	1.6	38.7	58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.114 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.43 min
 Lab File: BG044638.D
 Acq: 2 Mar 2020 18:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: BG044638.D

Acq: 2 Mar 2020 18:29

Instrument :

BNA_G

ClientSampleId :

GP-08-022720

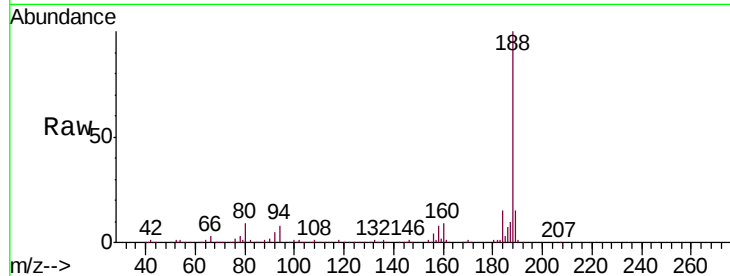
Tgt Ion:188 Resp: 378324

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

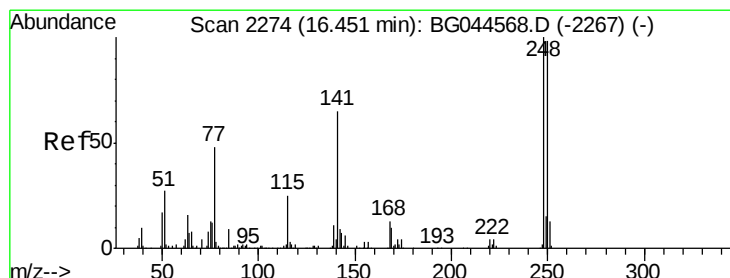
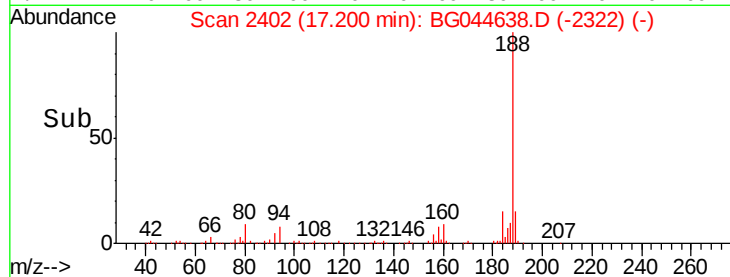
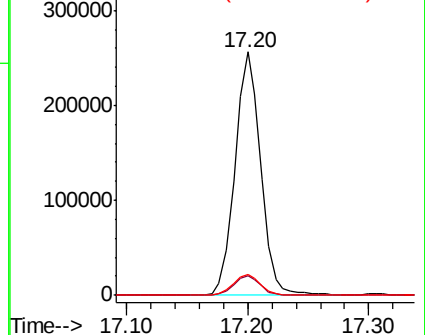
80 8.8 7.6 11.4



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



#67

4-Bromophenyl-phenylether

Concen: 2.862 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.51 min

Lab File: BG044638.D

Acq: 2 Mar 2020 18:29

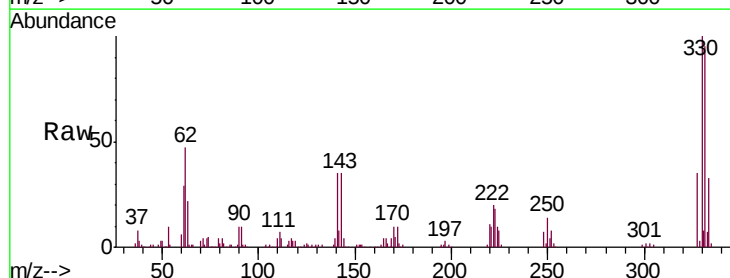
Tgt Ion:248 Resp: 13438

Ion Ratio Lower Upper

248 100

250 199.5 78.7 118.1#

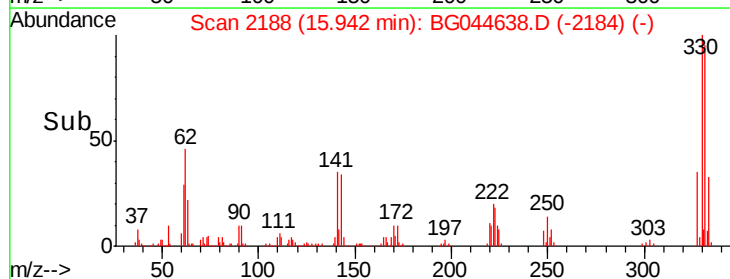
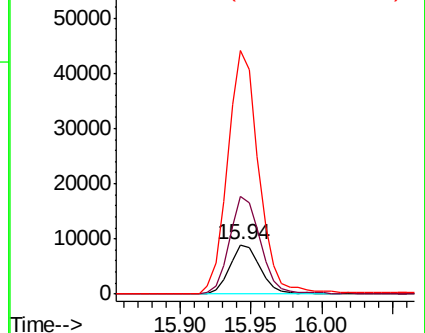
141 494.0 52.3 78.5#

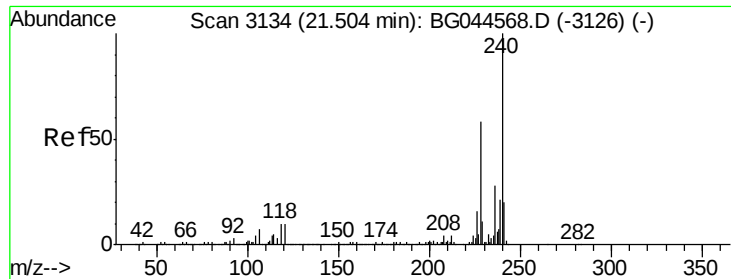


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

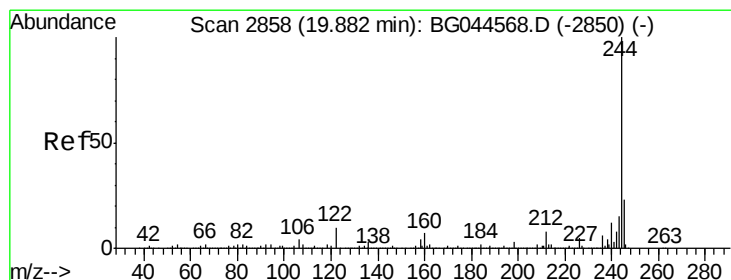
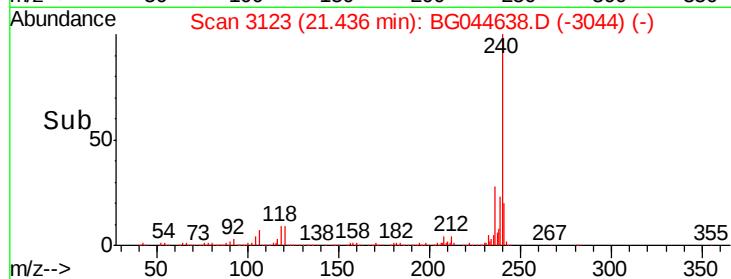
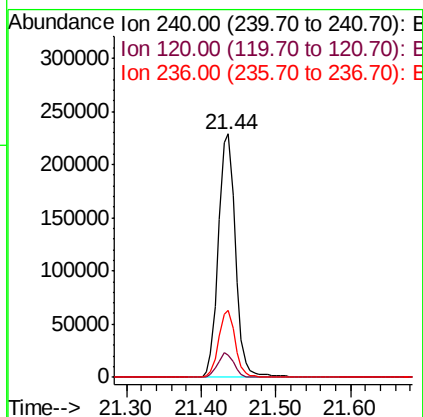
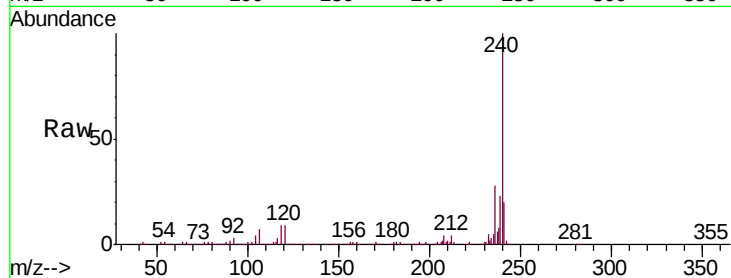




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

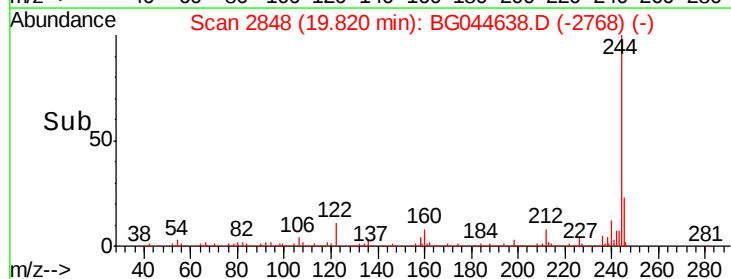
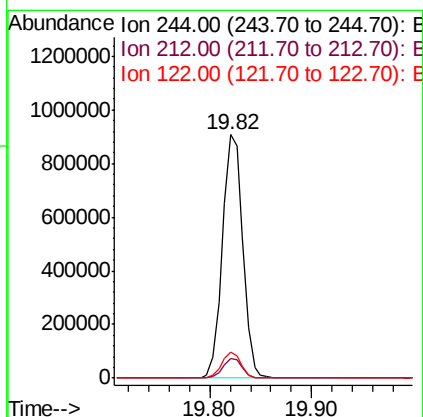
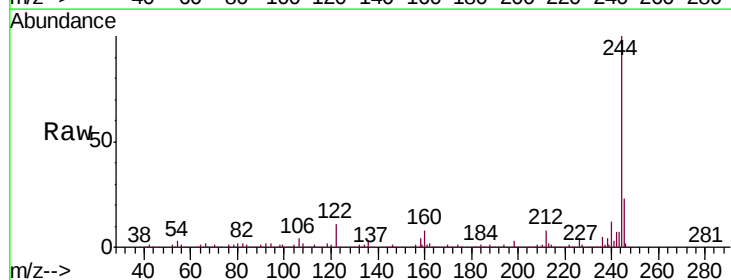
Instrument :
BNA_G
ClientSampleId :
GP-08-022720

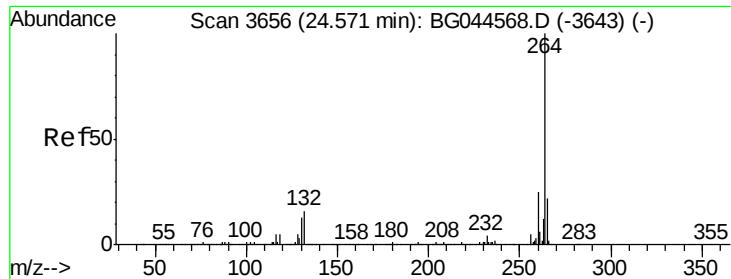
Tgt Ion:240 Resp: 364082
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 27.7 22.3 33.5



#79
Terphenyl-d14
Concen: 65.935 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

Tgt Ion:244 Resp: 1268090
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 10.8 8.2 12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044638.D
Acq: 2 Mar 2020 18:29

Instrument :
BNA_G
ClientSampleId :
GP-08-022720

Tgt Ion: 264 Resp: 410319
Ion Ratio Lower Upper
264 100
260 24.4 19.7 29.5
265 22.2 17.8 26.8

