

Data File : BG044642.D
Acq On : 2 Mar 2020 21:07
Operator : CG/JU
Sample : L1742-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20C069

Quant Time: Mar 03 06:16:01 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

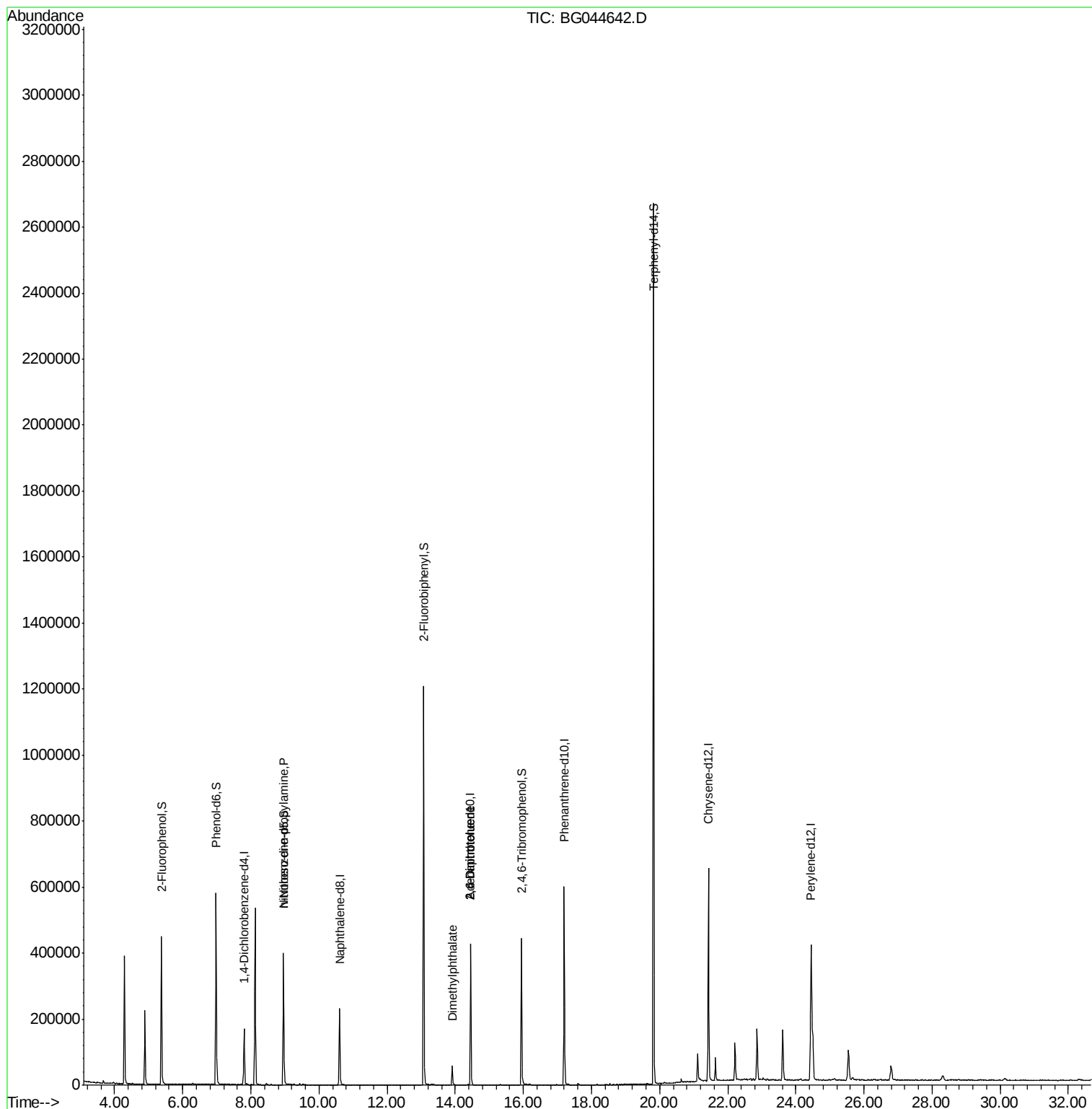
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47556	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	219343	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	157573	20.00	ng	-0.07
64) Phenanthrene-d10	17.20	188	381352	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	367169	20.00	ng	-0.07
87) Perylene-d12	24.45	264	413012	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	217790	73.48	ng	-0.07
7) Phenol-d6	6.98	99	370534	91.33	ng	-0.07
23) Nitrobenzene-d5	8.96	82	257083	60.38	ng	-0.07
42) 2,4,6-Tribromophenol	15.94	330	95052	42.54	ng	-0.07
45) 2-Fluorobiphenyl	13.08	172	675048	61.35	ng	-0.06
79) Terphenyl-d14	19.82	244	1296963	66.87	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	32411	12.428	ng	# 76
50) Dimethylphthalate	13.91	163	48931	3.847	ng	# 96
51) 2,6-Dinitrotoluene	14.45	165	20437	7.286	ng	# 32
57) 2,4-Dinitrotoluene	14.45	165	20437	5.182	ng	# 30

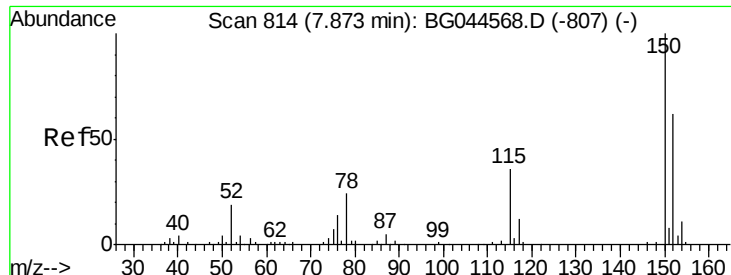
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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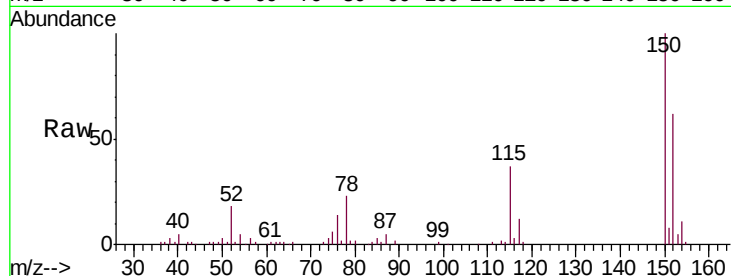


#1

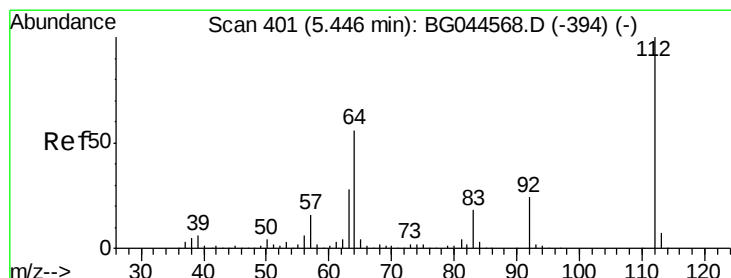
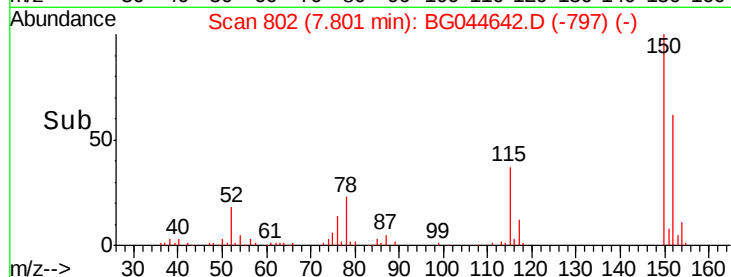
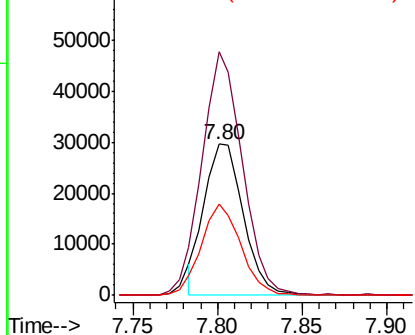
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044642.D
Acq: 2 Mar 2020 21:07

Instrument :
BNA_G
ClientSampleId :
20C069

Tgt Ion:152 Resp: 47556
Ion Ratio Lower Upper
152 100
150 161.0 128.9 193.3
115 60.3 47.0 70.4



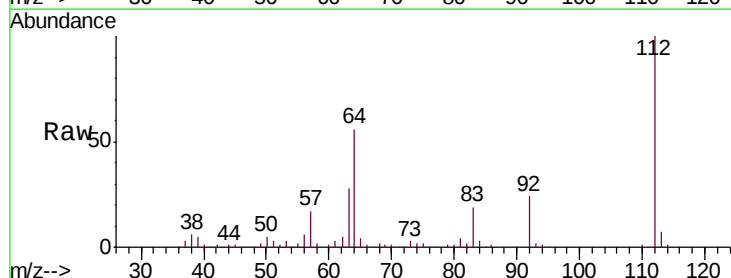
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



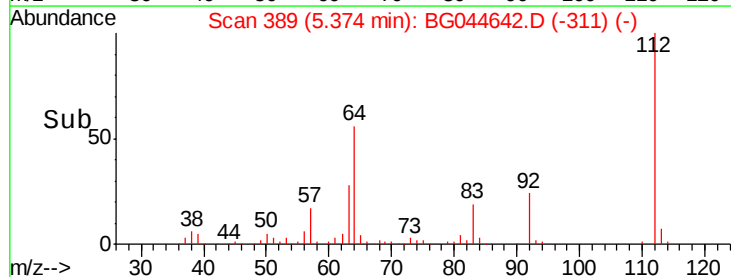
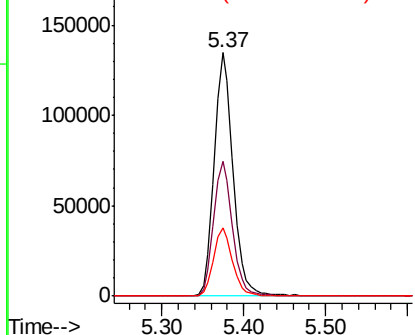
#5

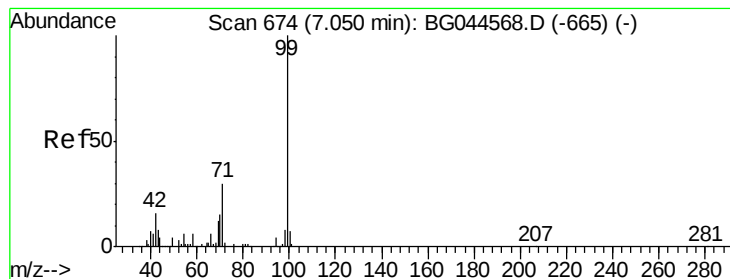
2-Fluorophenol
Concen: 73.479 ng
RT: 5.37 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044642.D
Acq: 2 Mar 2020 21:07

Tgt Ion:112 Resp: 217790
Ion Ratio Lower Upper
112 100
64 55.6 44.8 67.2
63 28.1 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: 91.330 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

Instrument :

BNA_G

ClientSampleId :

20C069

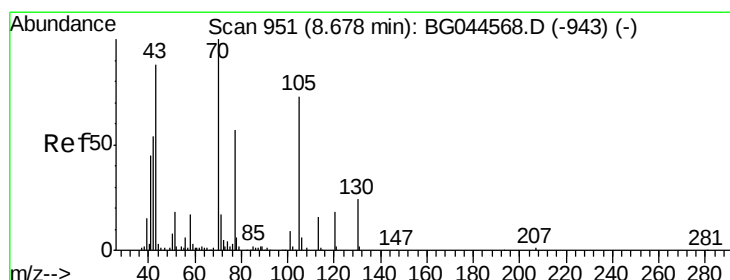
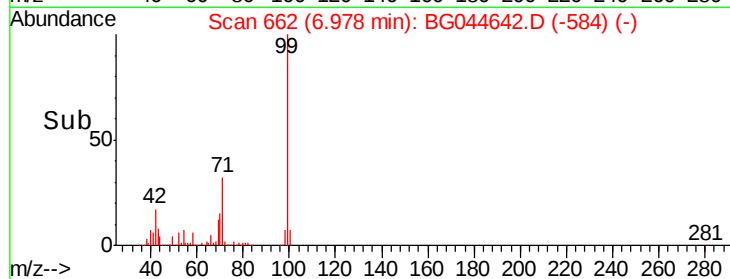
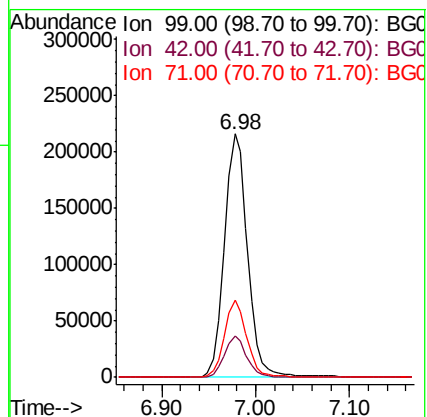
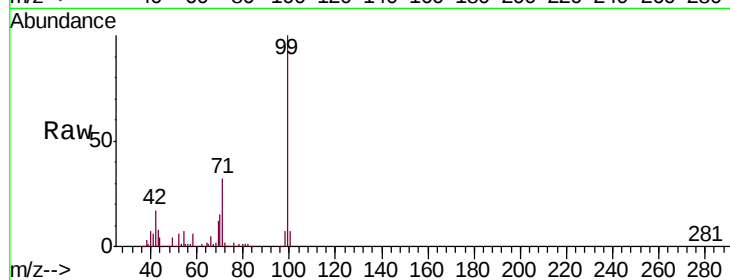
Tgt Ion: 99 Resp: 370534

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

71 31.5 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.428 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

Tgt Ion: 70 Resp: 32411

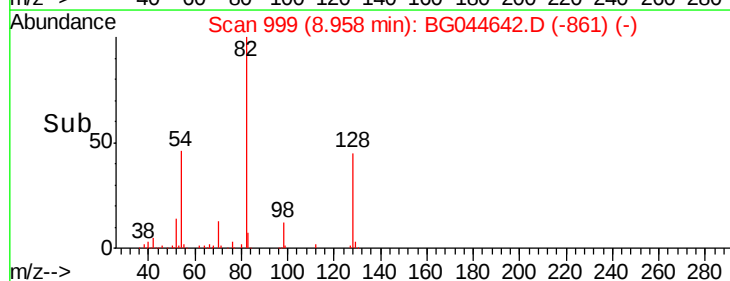
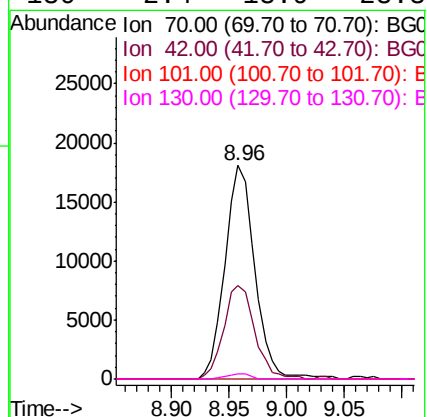
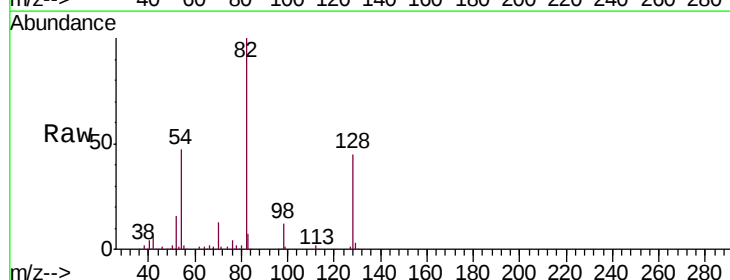
Ion Ratio Lower Upper

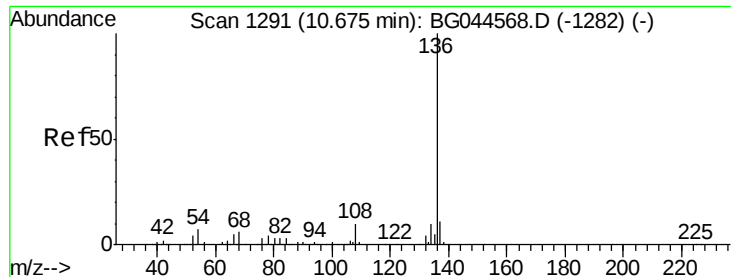
70 100

42 43.8 43.4 65.0

101 0.0 7.5 11.3#

130 2.4 18.9 28.3#

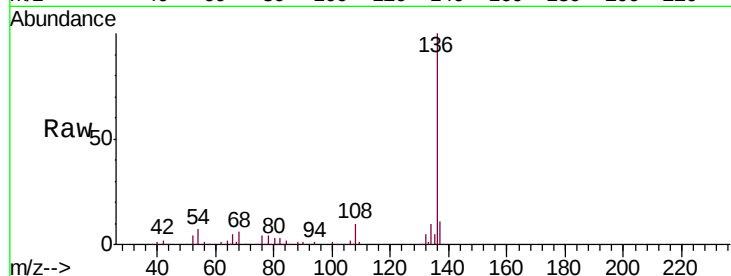




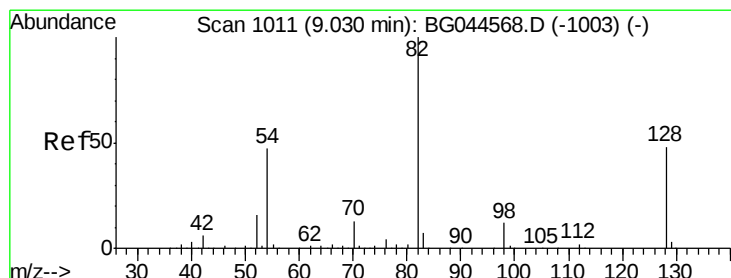
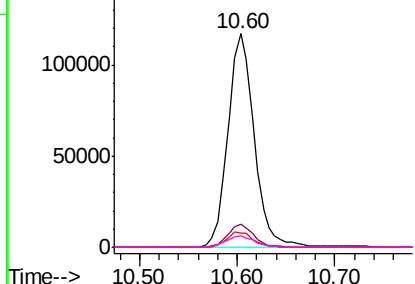
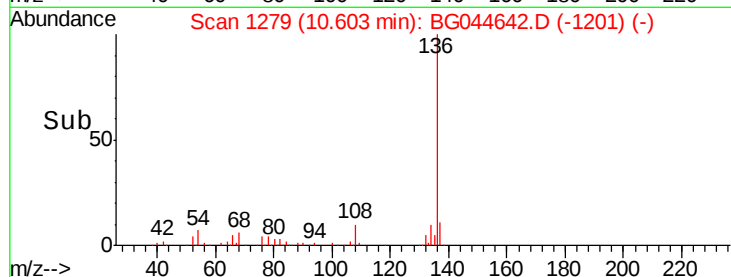
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044642.D
Acq: 2 Mar 2020 21:07

Instrument :
BNA_G
ClientSampled :
20C069

Tgt Ion:	136	Resp:	219343
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.8	5.7	8.5
68	5.6	4.5	6.7

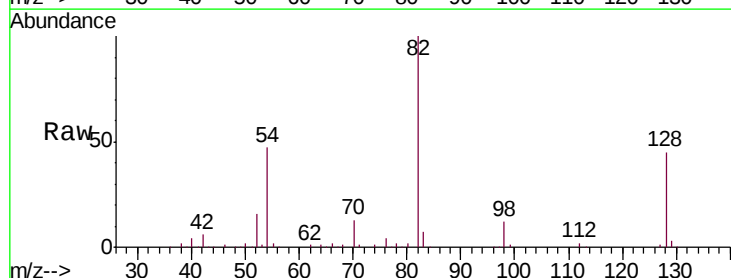


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

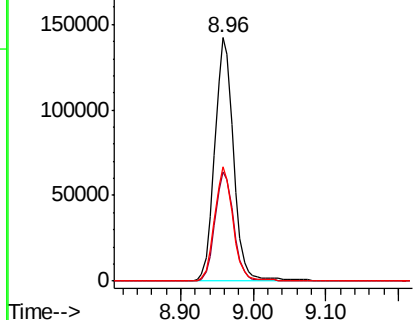
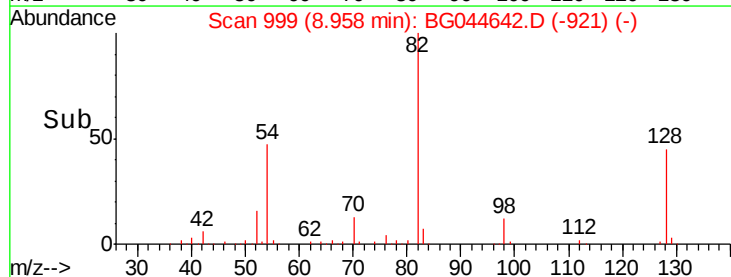


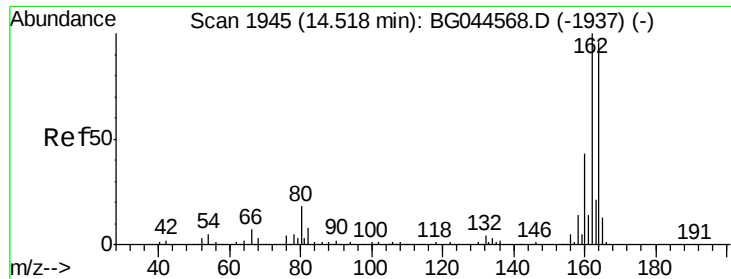
#23
Nitrobenzene-d5
Concen: 60.383 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044642.D
Acq: 2 Mar 2020 21:07

Tgt Ion:	82	Resp:	257083
Ion	Ratio	Lower	Upper
82	100		
128	44.7	38.1	57.1
54	46.9	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: 14.45 min Scan# 1934

Delta R.T. -0.07 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

Instrument :

BNA_G

ClientSampleId :

20C069

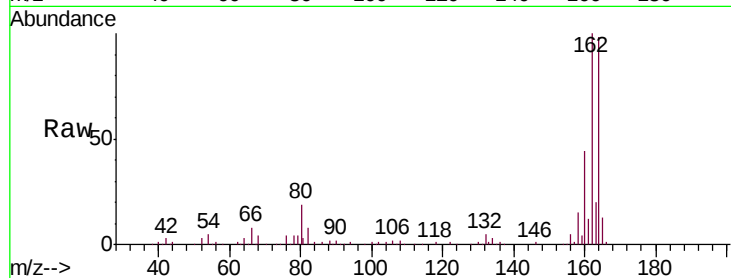
Tgt Ion:164 Resp: 157573

Ion Ratio Lower Upper

164 100

162 101.7 83.6 125.4

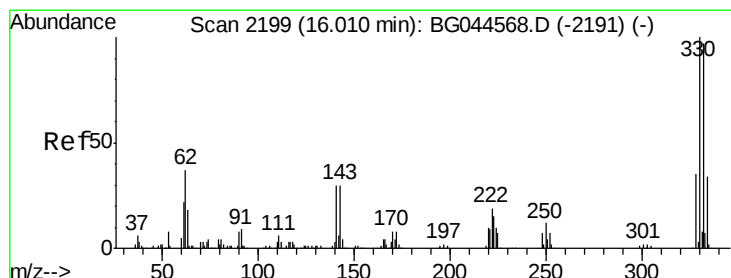
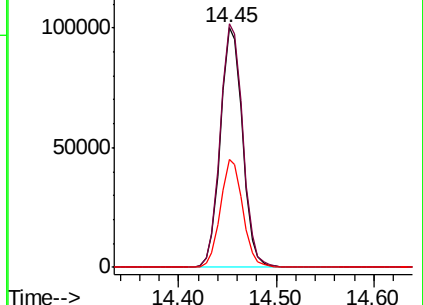
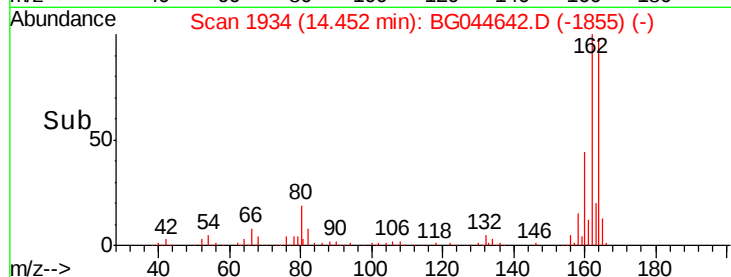
160 45.1 36.2 54.4



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: 42.543 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.07 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

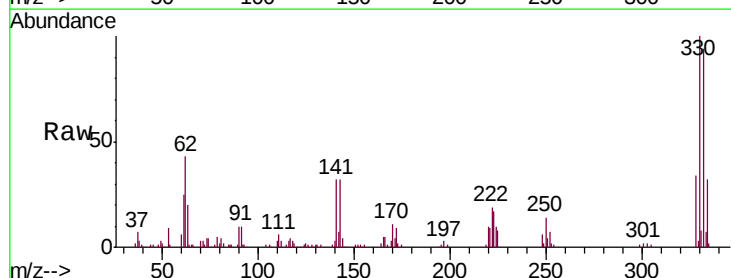
Tgt Ion:330 Resp: 95052

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

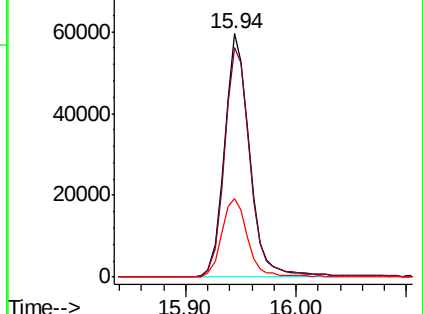
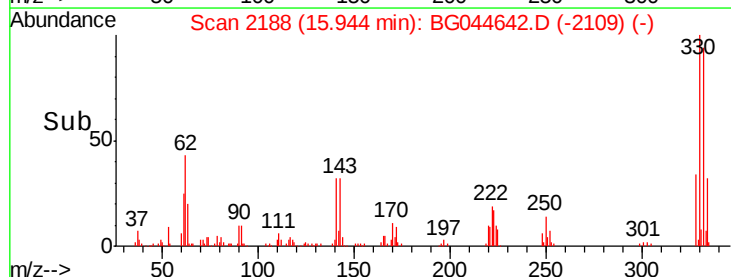
141 33.3 26.1 39.1

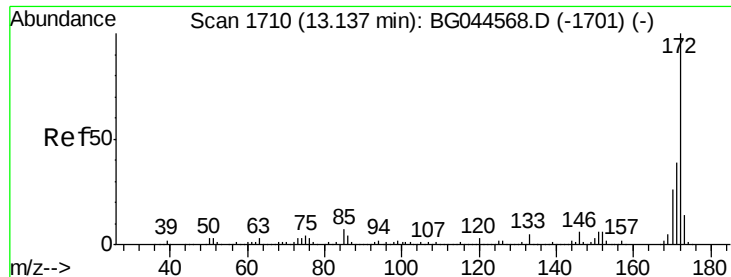


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

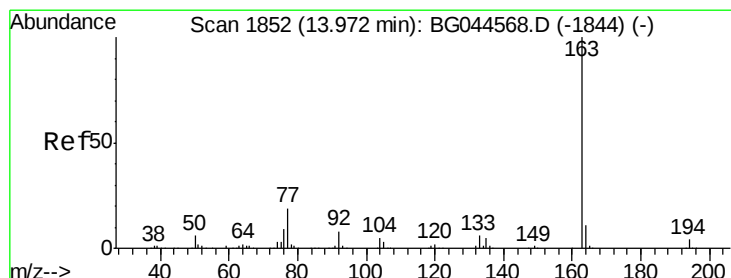
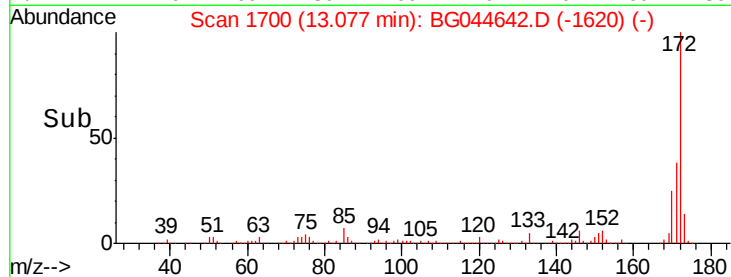
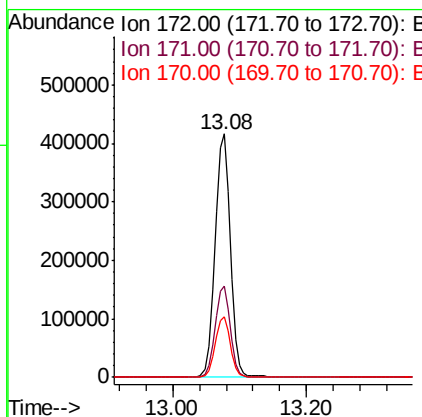
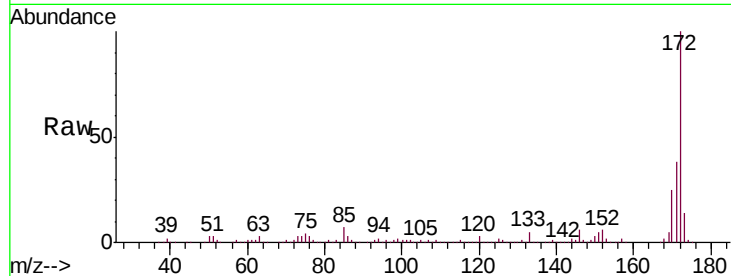




#45
 2-Fluorobiphenyl
 Concen: 61.347 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044642.D
 Acq: 2 Mar 2020 21:07

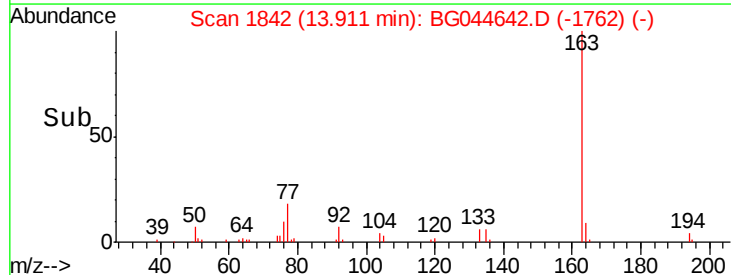
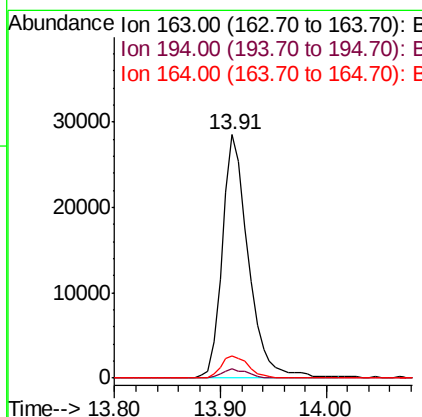
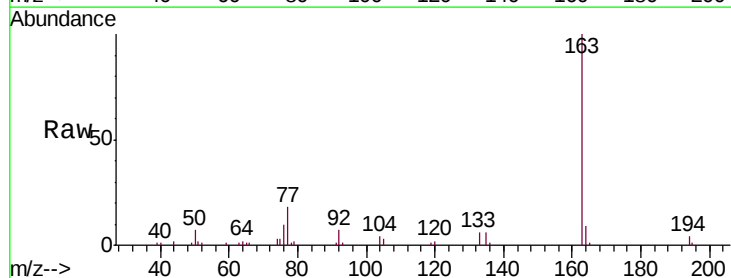
Instrument :
 BNA_G
 ClientSampled :
 20C069

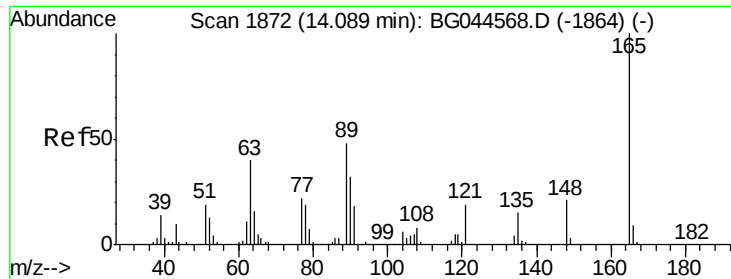
Tgt Ion:172 Resp: 675048
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 24.8 21.0 31.4



#50
 Dimethylphthalate
 Concen: 3.847 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044642.D
 Acq: 2 Mar 2020 21:07

Tgt Ion:163 Resp: 48931
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 9.1 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 7.286 ng

RT: 14.45 min Scan# 1934

Delta R.T. 0.36 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

Instrument :

BNA_G

ClientSampleId :

20C069

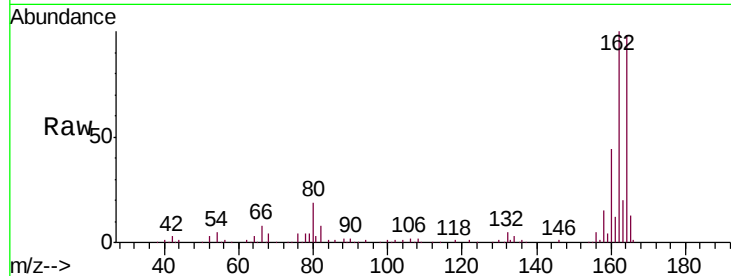
Tgt Ion:165 Resp: 20437

Ion Ratio Lower Upper

165 100

63 1.3 35.8 53.6#

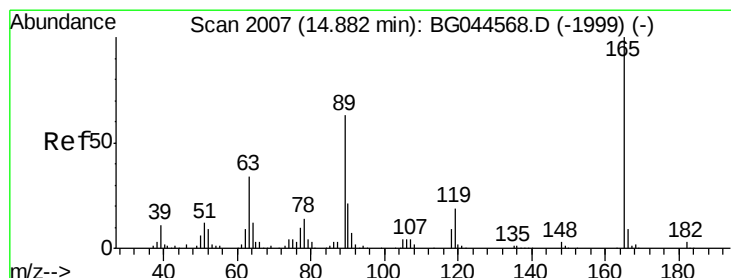
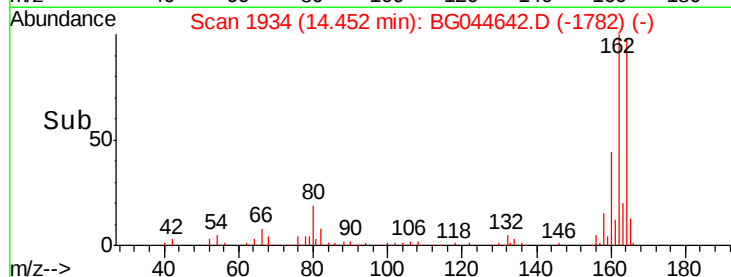
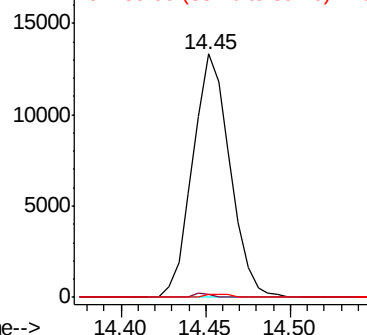
89 1.5 38.7 58.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.182 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.43 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

Tgt Ion:165 Resp: 20437

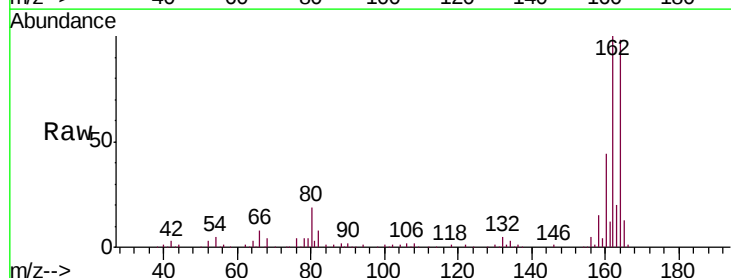
Ion Ratio Lower Upper

165 100

63 1.3 27.5 41.3#

89 1.5 50.0 75.0#

182 0.0 2.3 3.5#

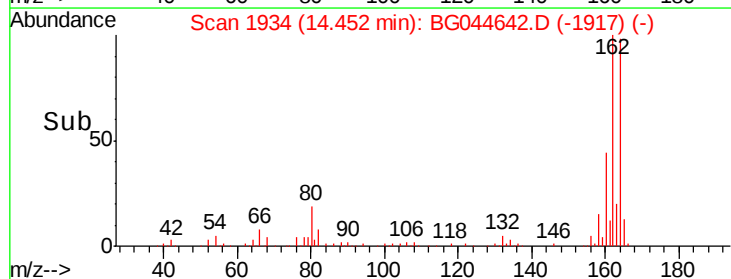
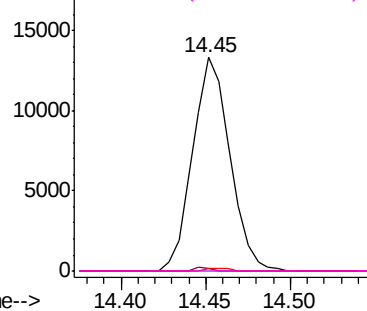


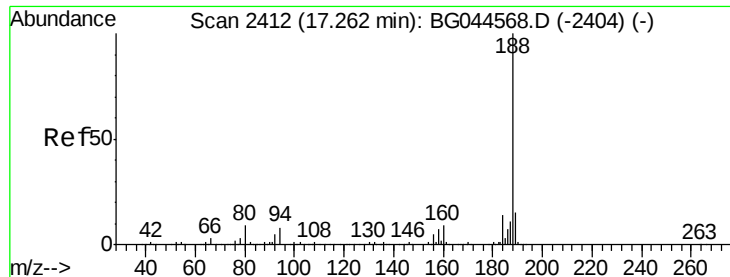
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

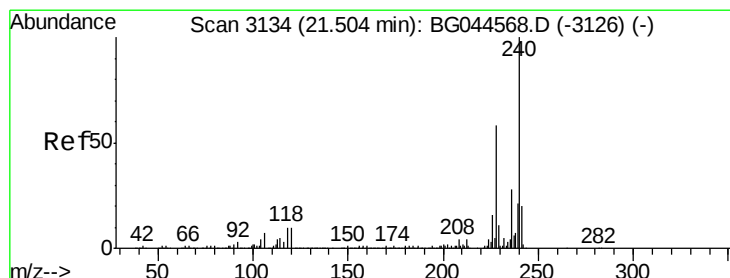
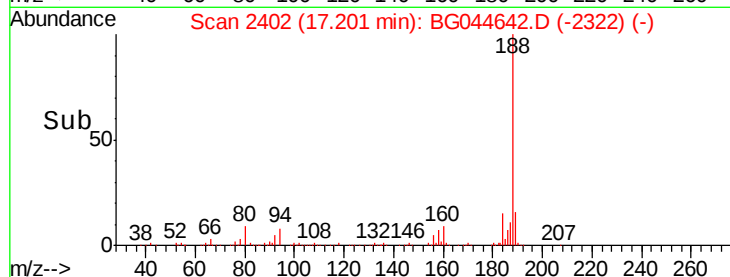
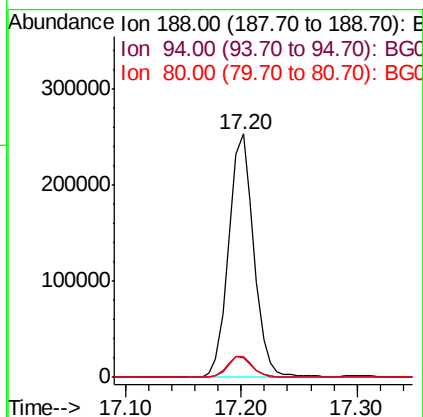
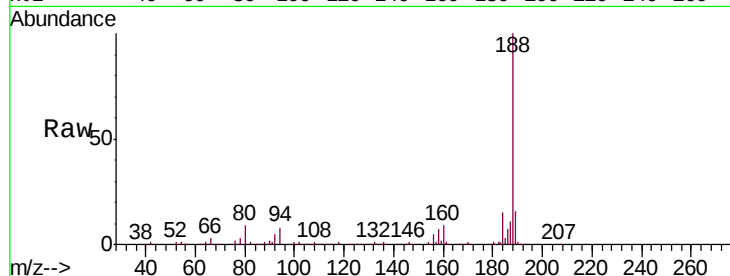




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044642.D
Acq: 2 Mar 2020 21:07

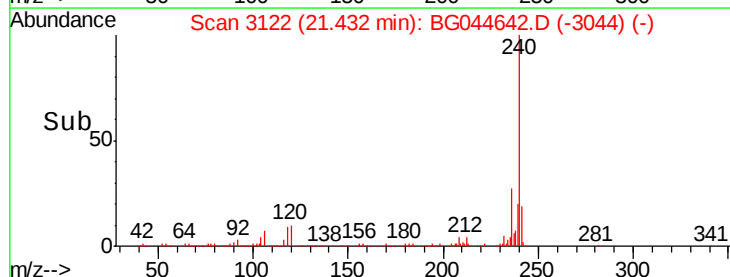
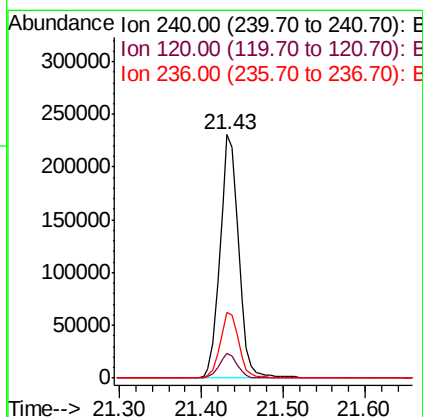
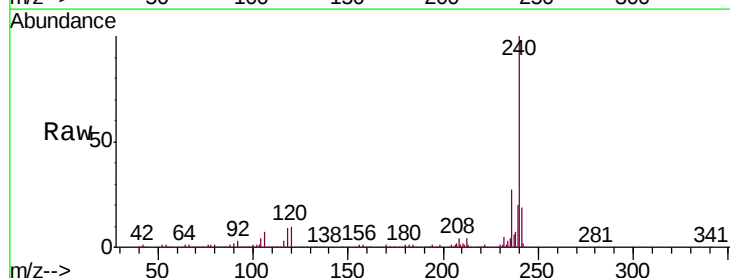
Instrument :
BNA_G
ClientSampleId :
20C069

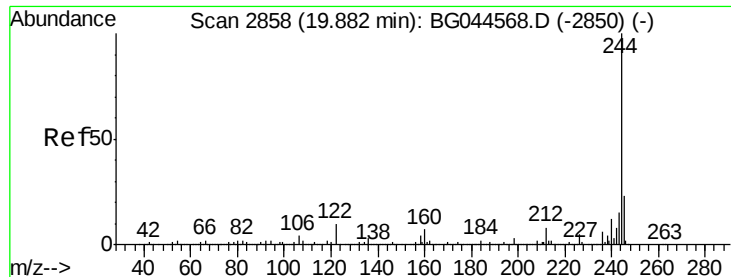
Tgt Ion:188 Resp: 381352
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044642.D
Acq: 2 Mar 2020 21:07

Tgt Ion:240 Resp: 367169
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 27.0 22.3 33.5





#79

Terphenyl-d14

Concen: 66.869 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

Instrument :

BNA_G

ClientSampleId :

20C069

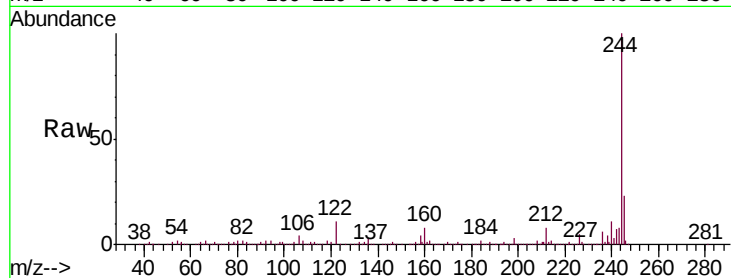
Tgt Ion:244 Resp: 1296963

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

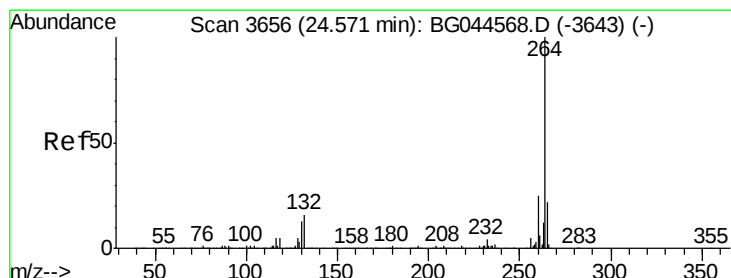
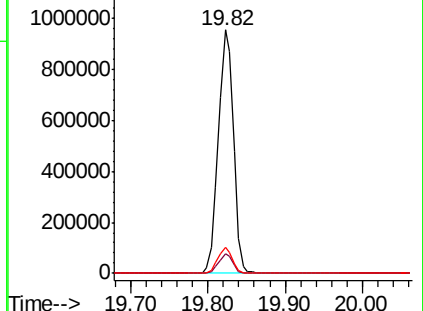
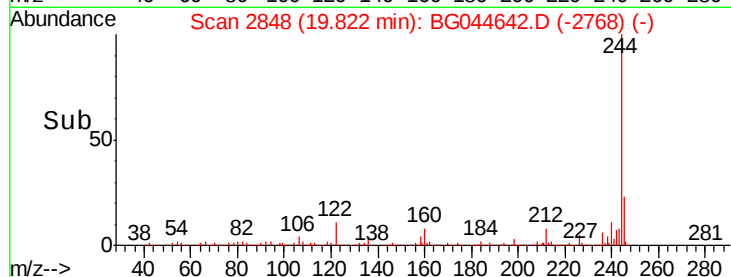
122 10.9 8.2 12.4



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: 24.45 min Scan# 3636

Delta R.T. -0.12 min

Lab File: BG044642.D

Acq: 2 Mar 2020 21:07

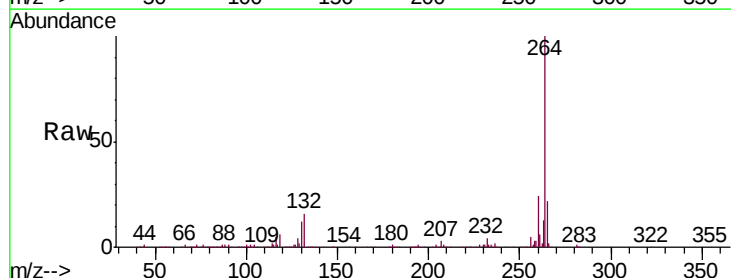
Tgt Ion:264 Resp: 413012

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 22.1 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

