

Data File : BG044639.D
Acq On : 2 Mar 2020 19:08
Operator : CG/JU
Sample : L1741-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Mar 03 06:15:17 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	45449	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	207689	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	153468	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	373654	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	364549	20.00	ng	-0.07
87) Perylene-d12	24.45	264	409204	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	325663	114.97	ng	-0.07
7) Phenol-d6	6.98	99	438282	113.04	ng	-0.07
23) Nitrobenzene-d5	8.96	82	260231	64.55	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	213439	98.09	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	626920	58.50	ng	-0.06
79) Terphenyl-d14	19.82	244	1192901	61.95	ng	-0.06

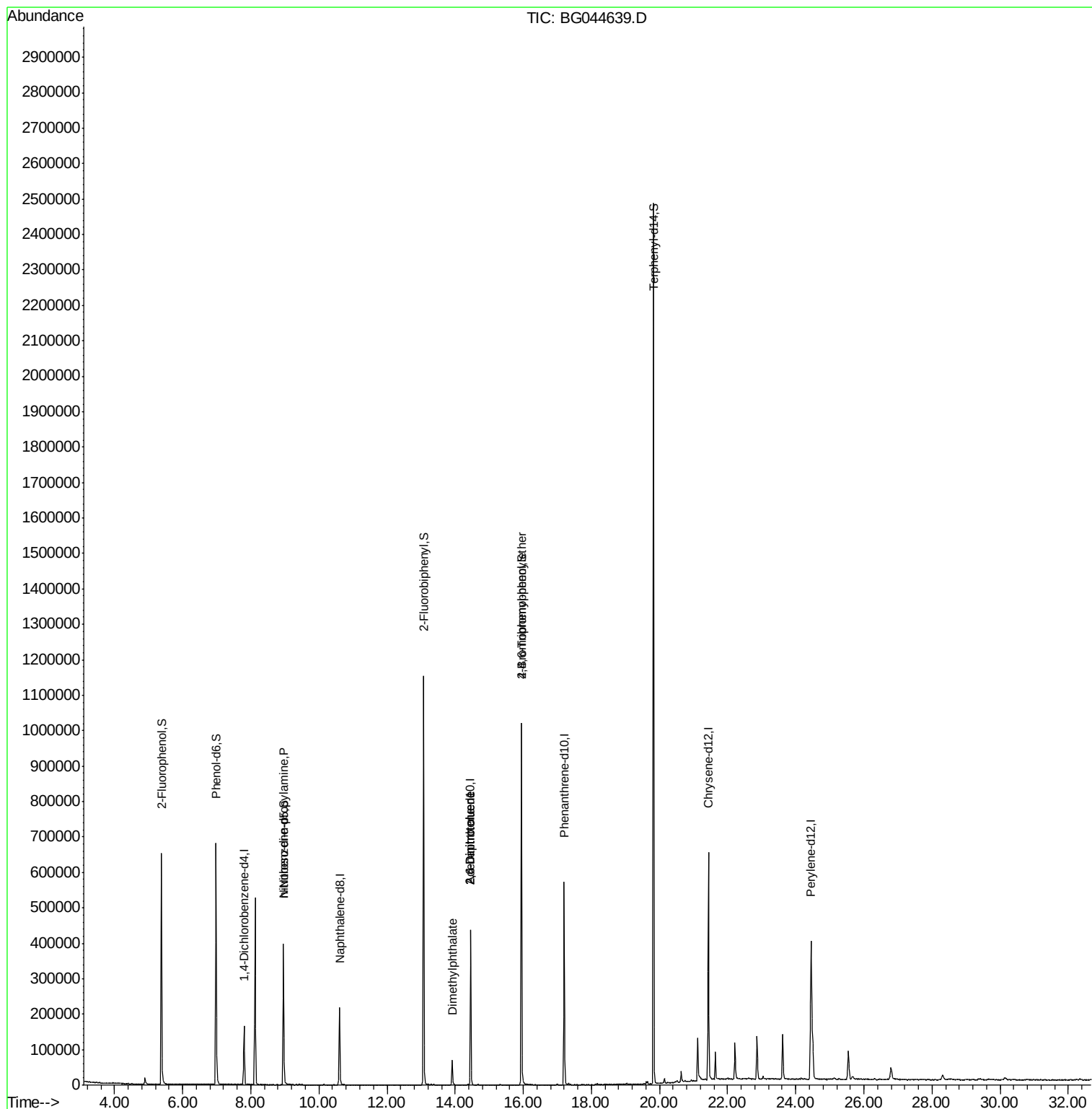
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.96	70	33804	13.563	ng	# 76
50) Dimethylphthalate	13.91	163	58937	4.758	ng	# 99
51) 2,6-Dinitrotoluene	14.45	165	19961	7.307	ng	# 31
57) 2,4-Dinitrotoluene	14.45	165	19961	5.197	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	13822	2.980	ng	# 1

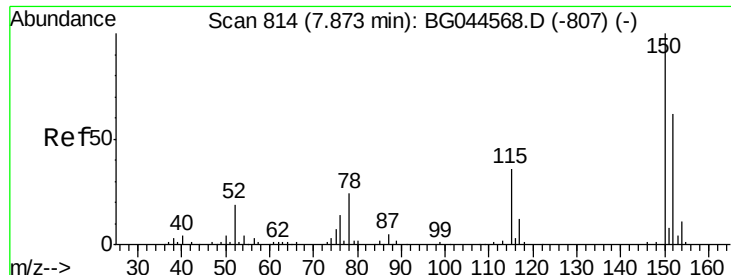
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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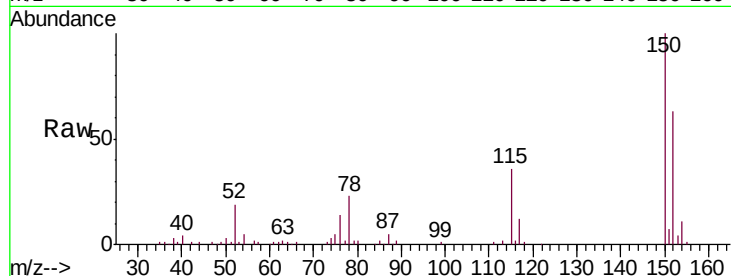


#1

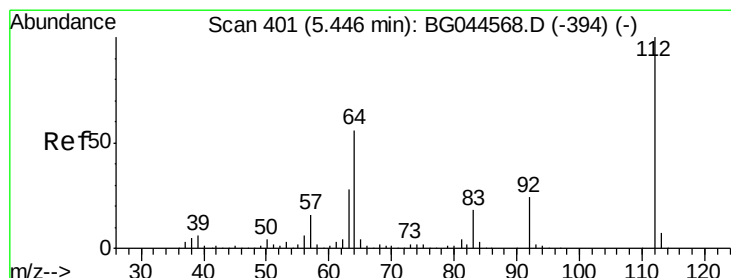
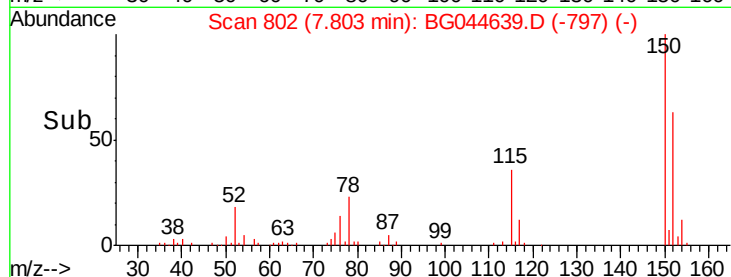
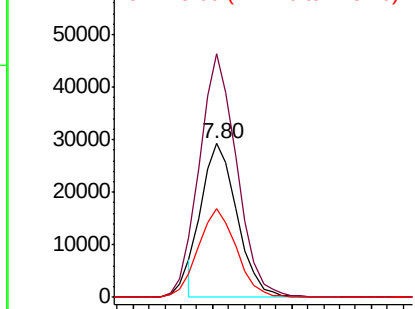
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044639.D
 Acq: 2 Mar 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 45449
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.9 193.3
 115 57.8 47.0 70.4



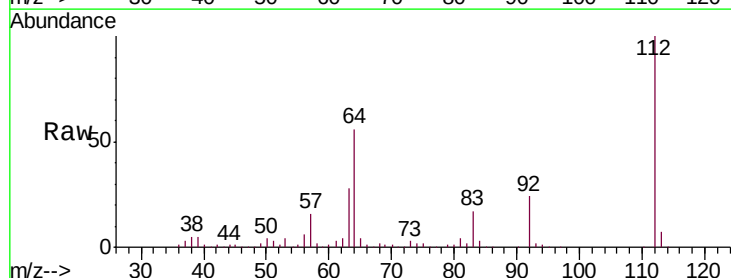
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



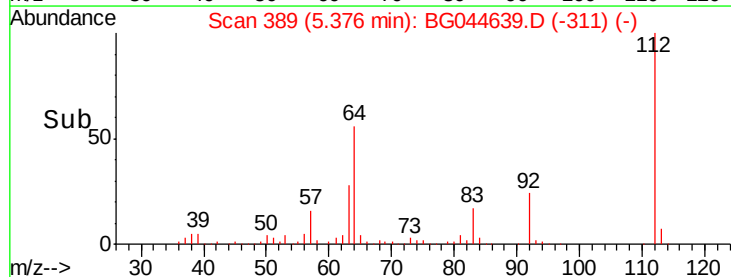
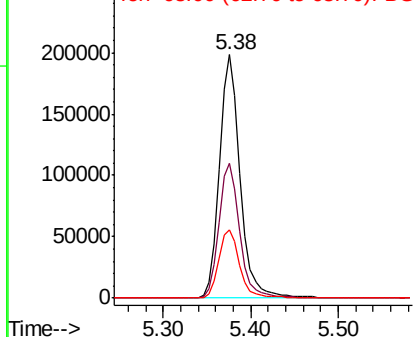
#5

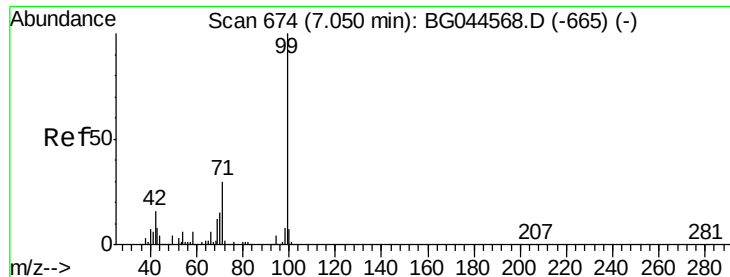
2-Fluorophenol
 Concen: 114.968 ng
 RT: 5.38 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044639.D
 Acq: 2 Mar 2020 19:08

Tgt Ion:112 Resp: 325663
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.8 67.2
 63 27.8 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: 113.036 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

Instrument :

BNA_G

ClientSampleId :

TP-1

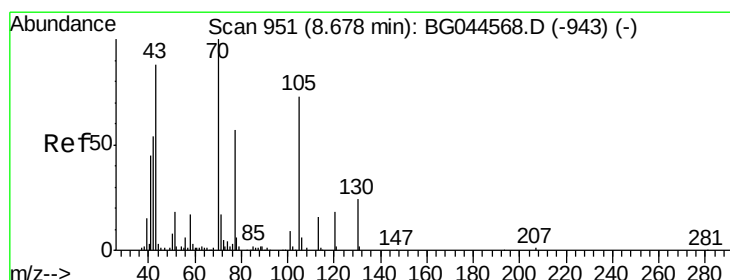
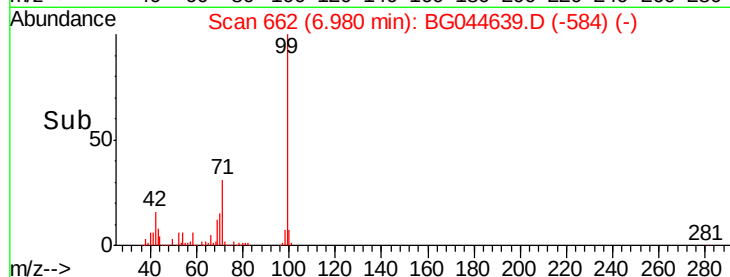
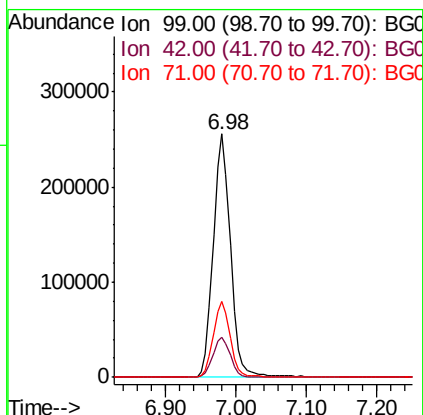
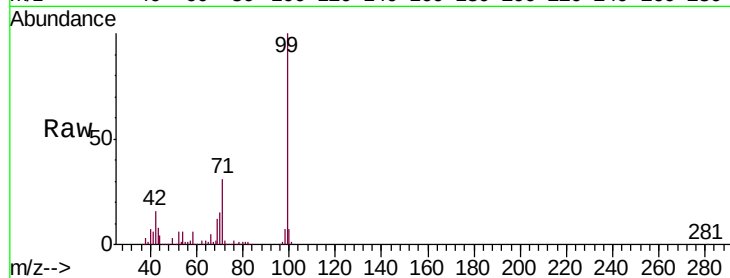
Tgt Ion: 99 Resp: 438282

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

71 31.3 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.563 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

Tgt Ion: 70 Resp: 33804

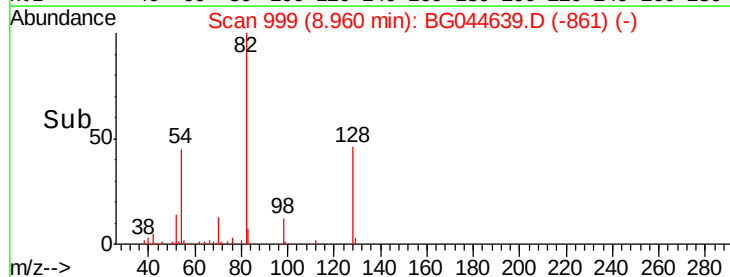
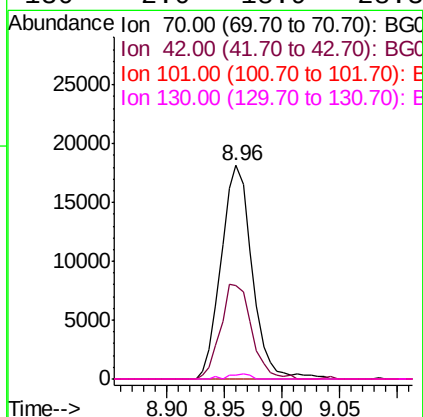
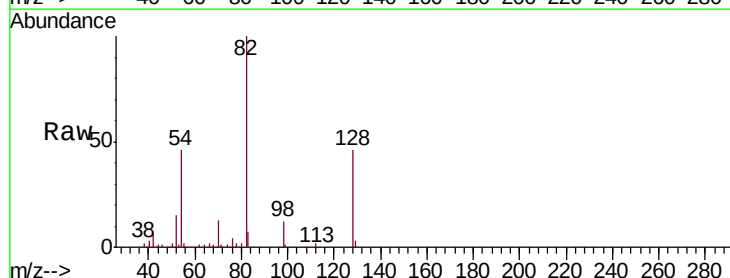
Ion Ratio Lower Upper

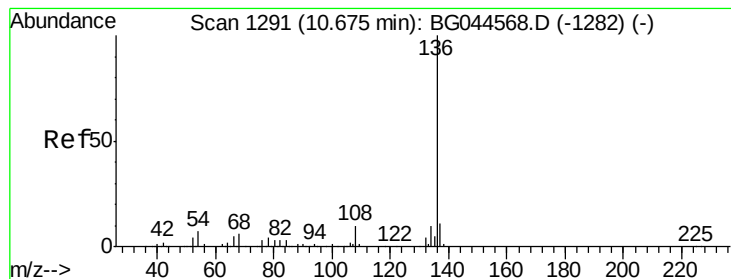
70 100

42 43.9 43.4 65.0

101 0.0 7.5 11.3#

130 2.0 18.9 28.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

Instrument :

BNA_G

ClientSampleId :

TP-1

Tgt Ion: 136 Resp: 207689

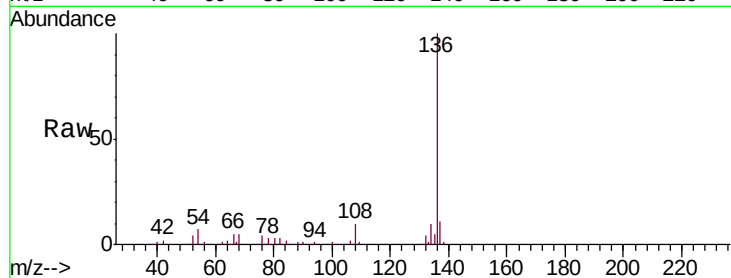
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.3 5.7 8.5

68 5.3 4.5 6.7

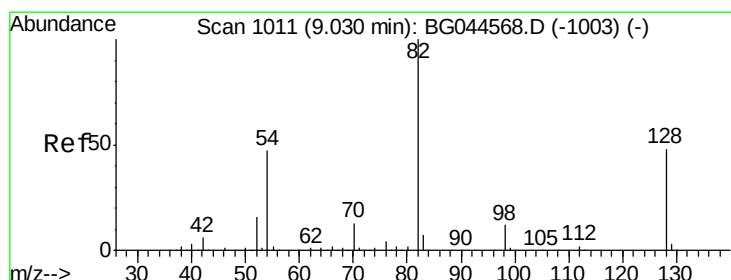
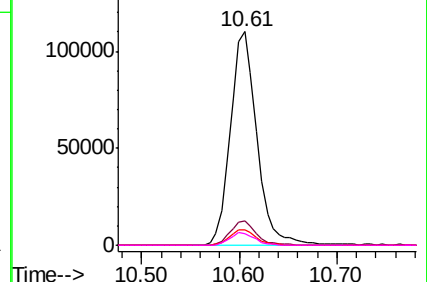
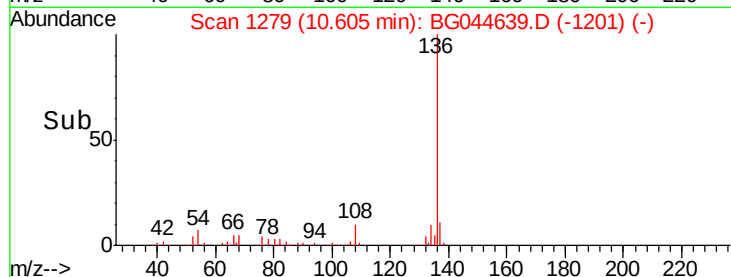


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.552 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.07 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

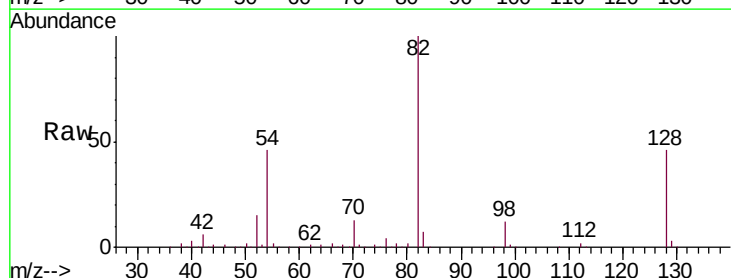
Tgt Ion: 82 Resp: 260231

Ion Ratio Lower Upper

82 100

128 45.9 38.1 57.1

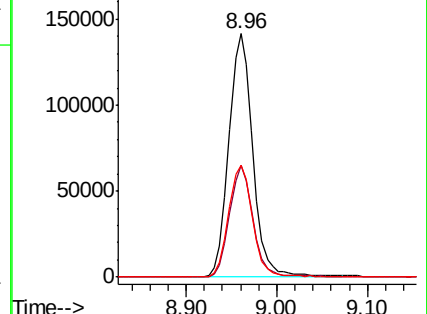
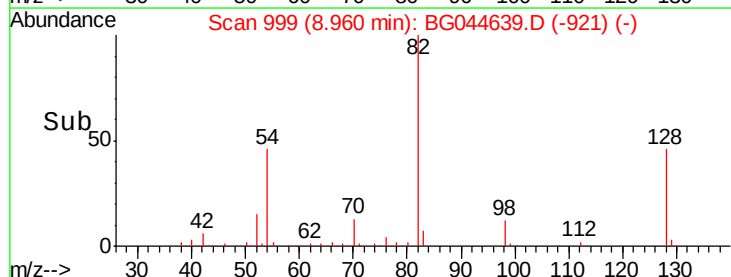
54 45.7 37.5 56.3

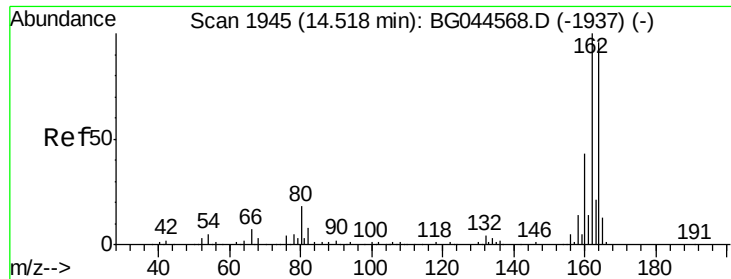


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.45 min Scan# 1934

Delta R.T. -0.06 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

Instrument :

BNA_G

ClientSampleId :

TP-1

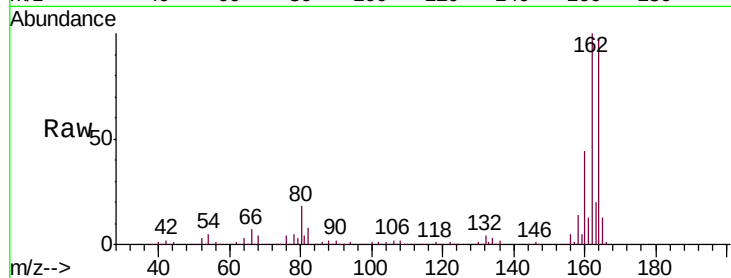
Tgt Ion:164 Resp: 153468

Ion Ratio Lower Upper

164 100

162 102.8 83.6 125.4

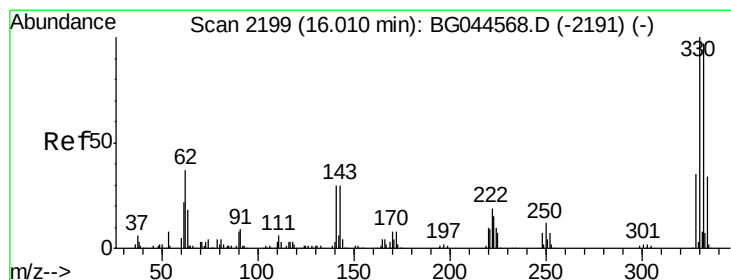
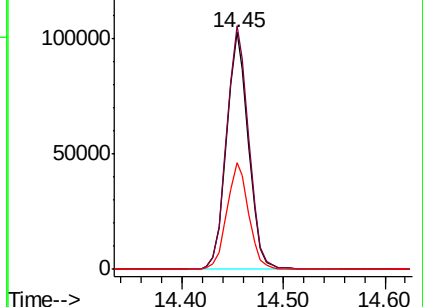
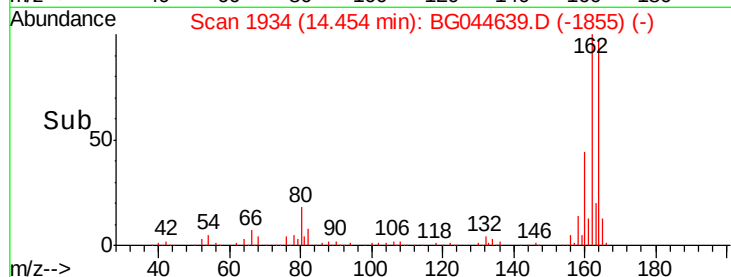
160 45.1 36.2 54.4



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: 98.085 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.06 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

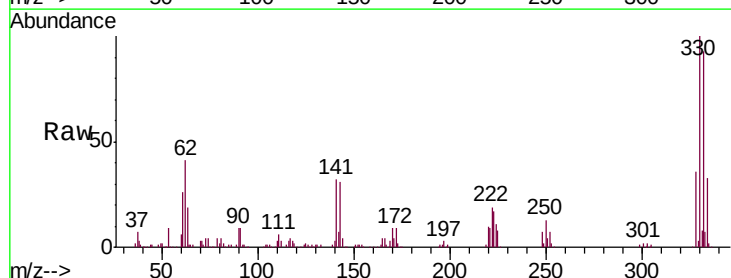
Tgt Ion:330 Resp: 213439

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.0

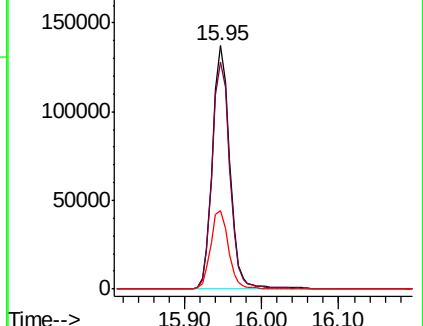
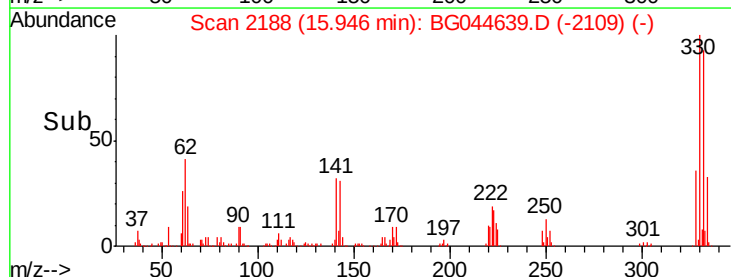
141 33.3 26.1 39.1

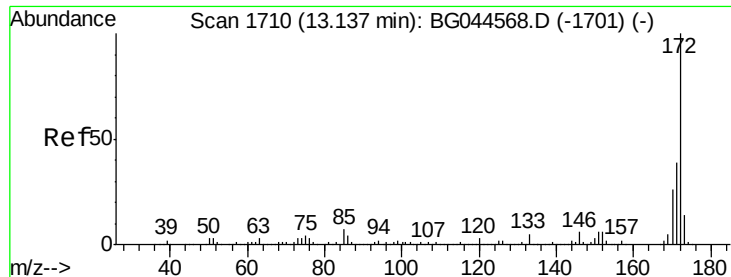


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

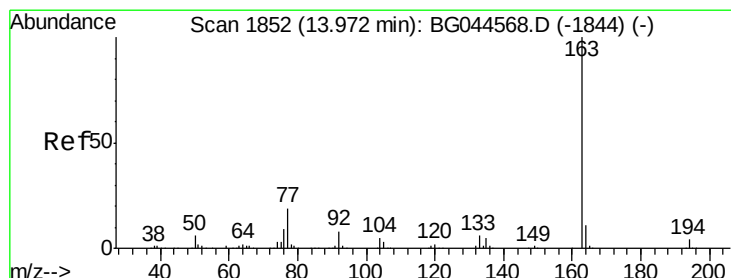
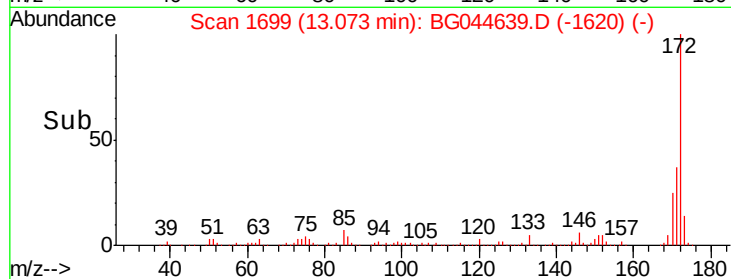
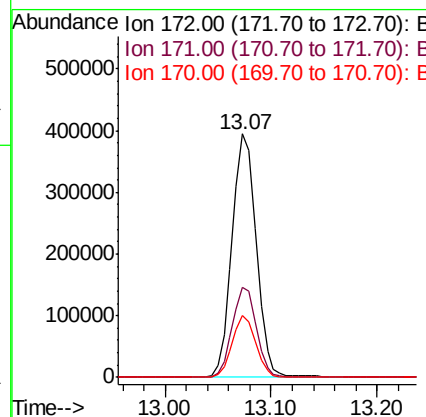
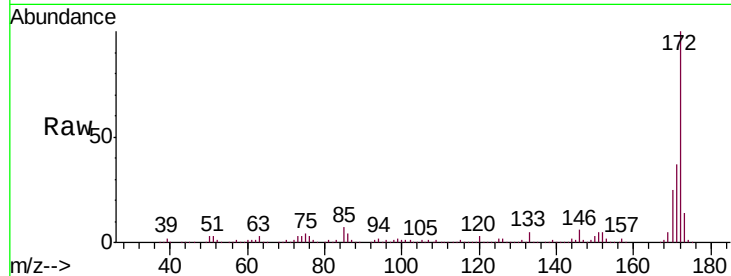




#45
 2-Fluorobiphenyl
 Concen: 58.497 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044639.D
 Acq: 2 Mar 2020 19:08

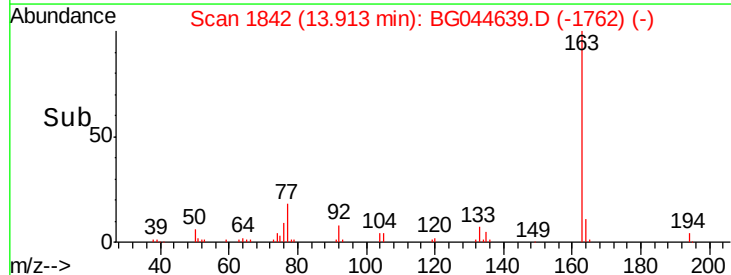
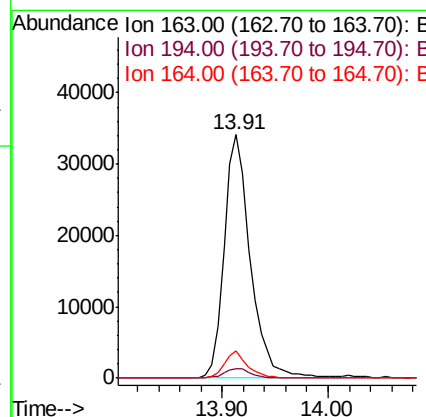
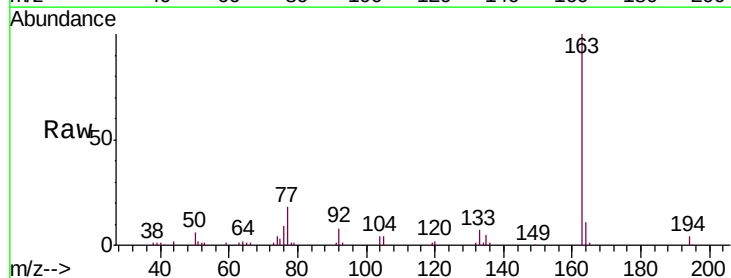
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

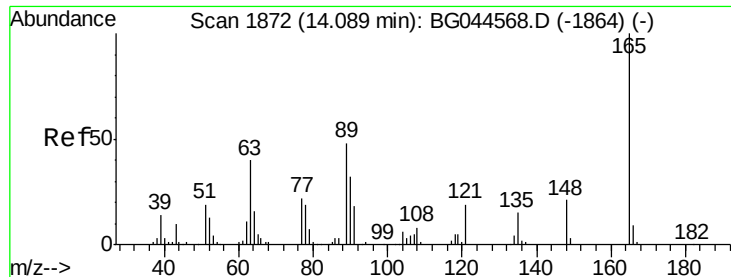
Tgt Ion:	172	Resp:	626920
Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.2	21.0	31.4



#50
 Dimethylphthalate
 Concen: 4.758 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044639.D
 Acq: 2 Mar 2020 19:08

Tgt Ion:	163	Resp:	58937
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	11.2	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 7.307 ng

RT: 14.45 min Scan# 1934

Delta R.T. 0.36 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

Instrument :

BNA_G

ClientSampleId :

TP-1

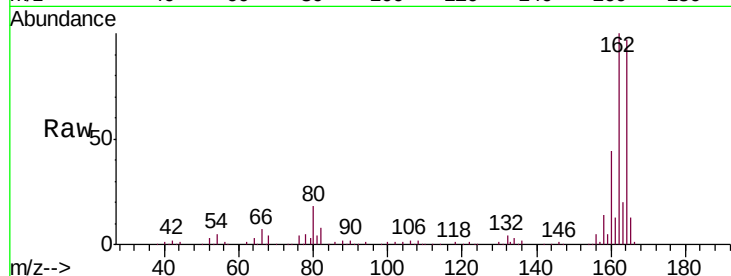
Tgt Ion:165 Resp: 19961

Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.6#

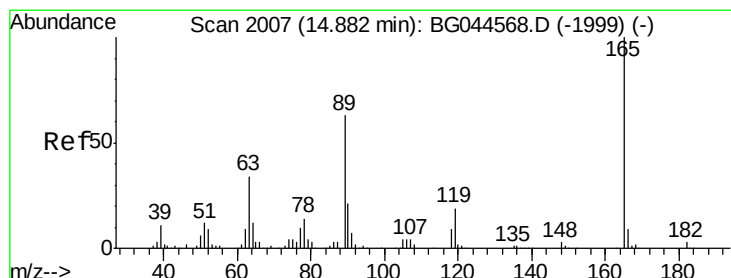
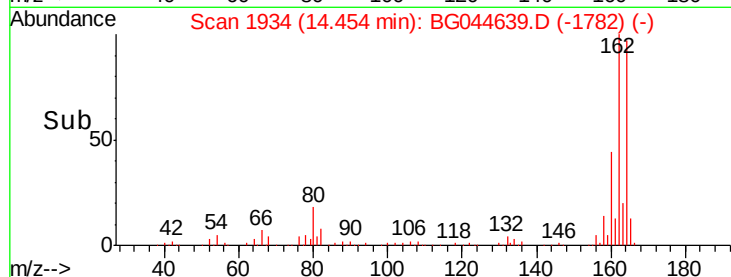
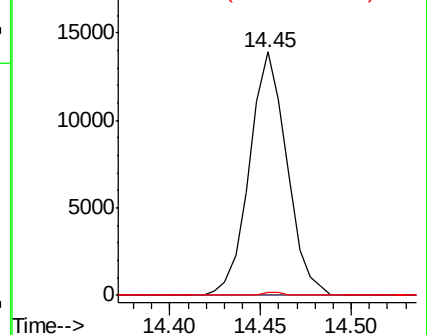
89 1.4 38.7 58.1#



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: 5.197 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.43 min

Lab File: BG044639.D

Acq: 2 Mar 2020 19:08

Tgt Ion:165 Resp: 19961

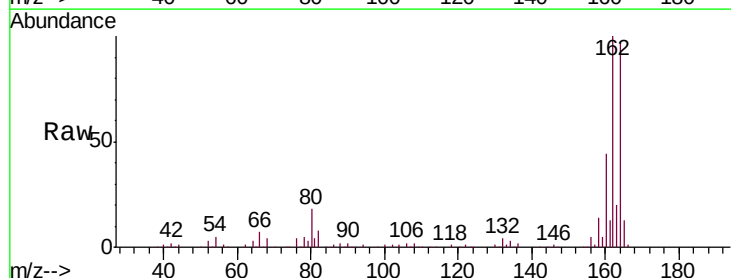
Ion Ratio Lower Upper

165 100

63 0.0 27.5 41.3#

89 1.4 50.0 75.0#

182 0.0 2.3 3.5#

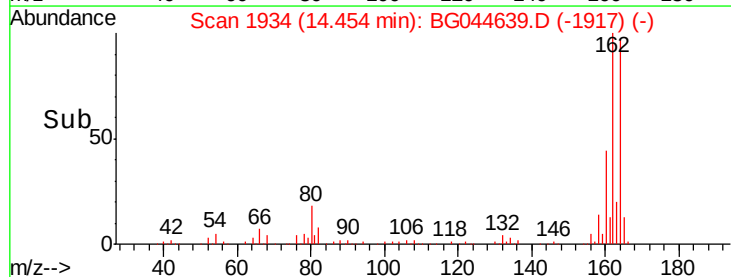
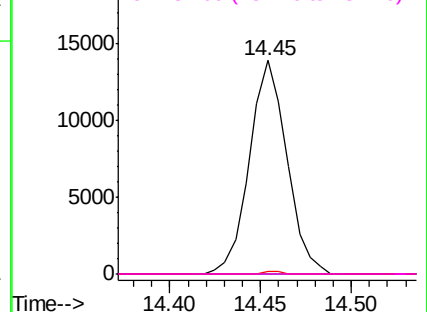


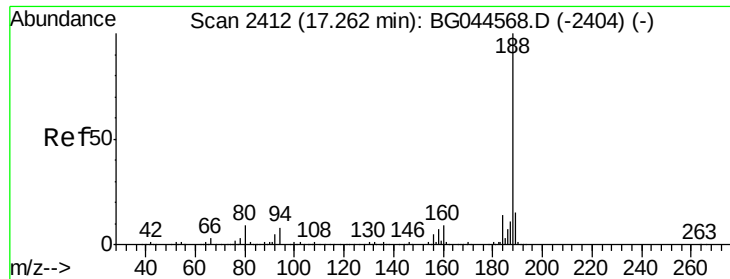
Abundance Ion 165.00 (164.70 to 165.70): E

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

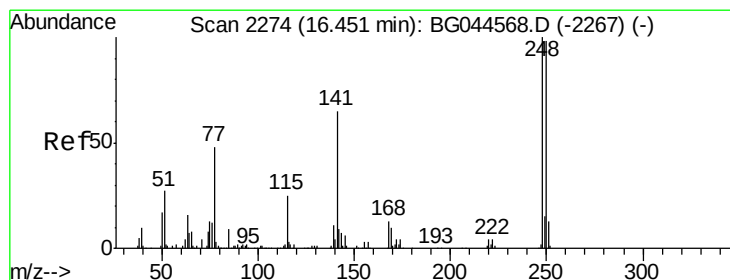
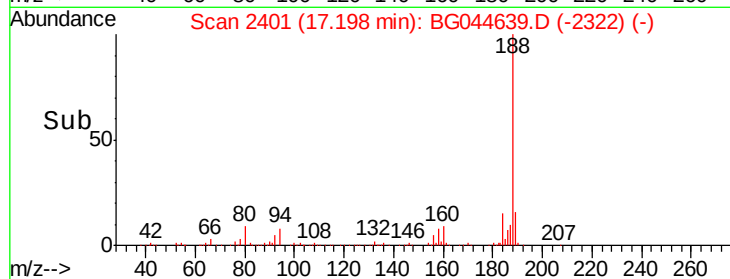
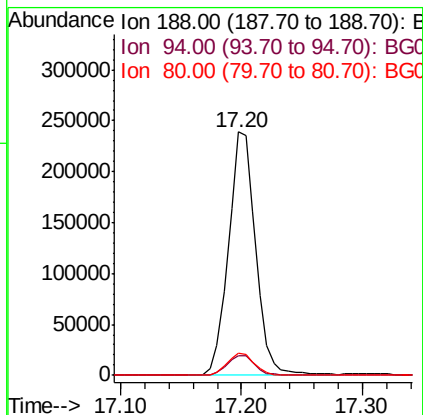
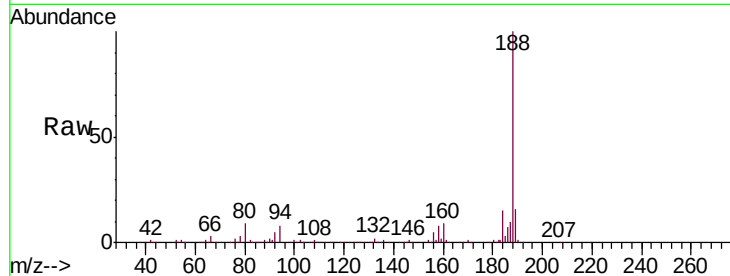




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2401
 Delta R.T. -0.06 min
 Lab File: BG044639.D
 Acq: 2 Mar 2020 19:08

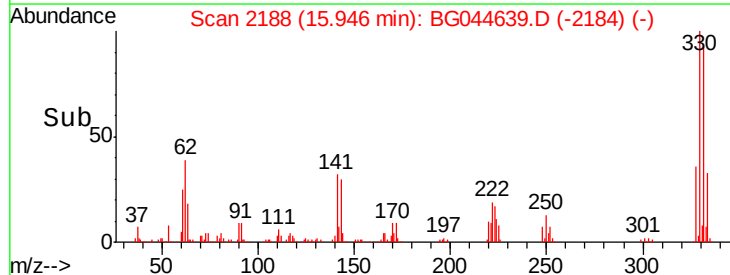
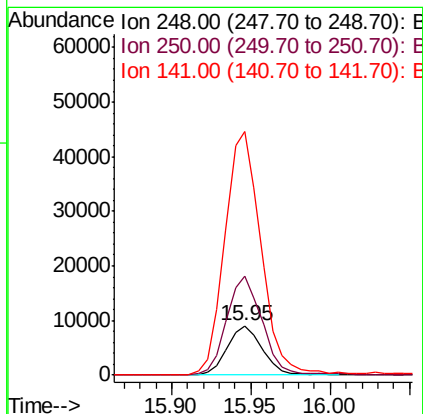
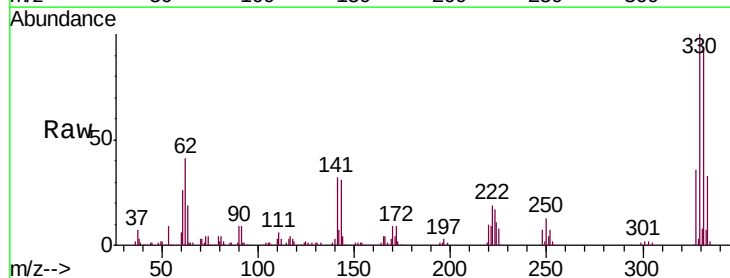
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

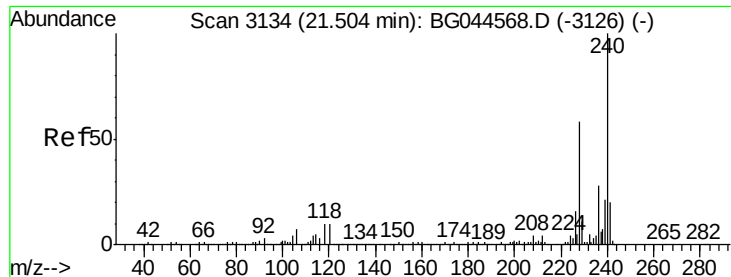
Tgt Ion:188 Resp: 373654
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 9.3 7.6 11.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.980 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.50 min
 Lab File: BG044639.D
 Acq: 2 Mar 2020 19:08

Tgt Ion:248 Resp: 13822
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.7 118.1#
 141 490.9 52.3 78.5#

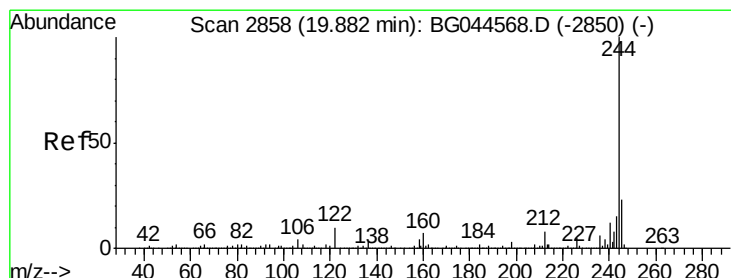
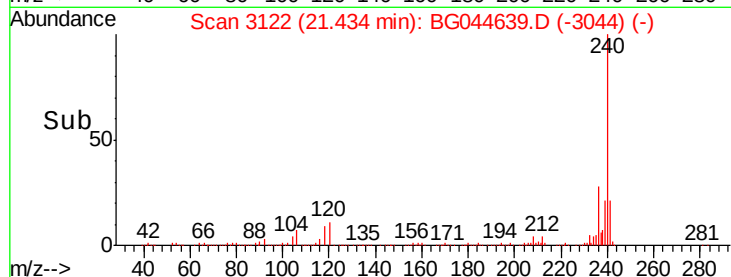
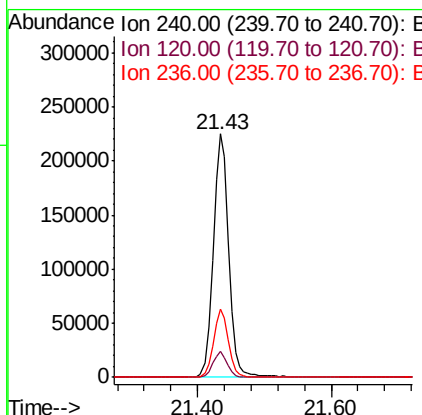
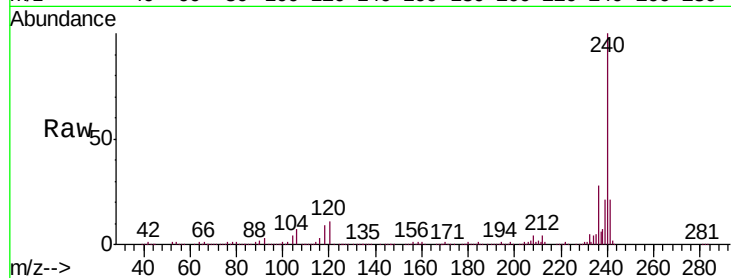




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044639.D
Acq: 2 Mar 2020 19:08

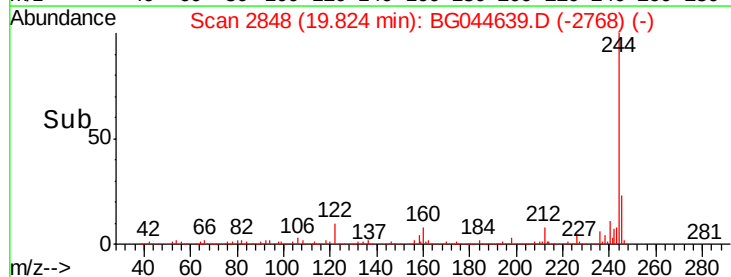
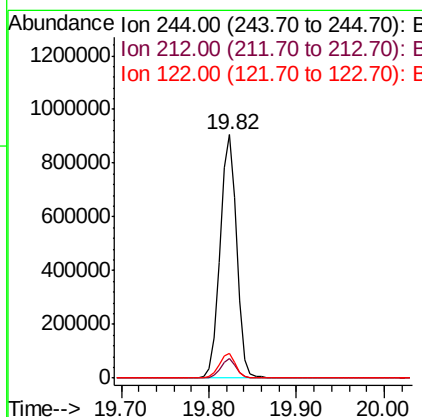
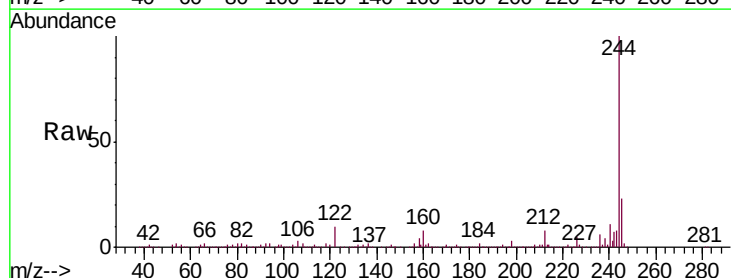
Instrument :
BNA_G
ClientSampleId :
TP-1

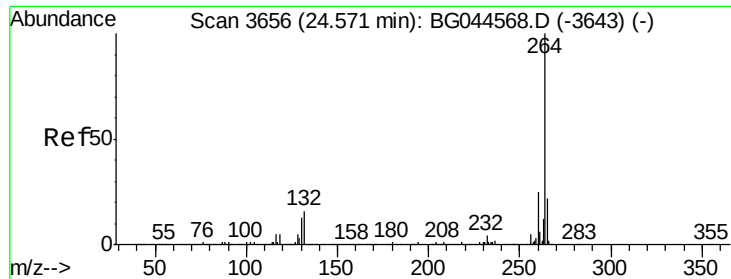
Tgt Ion:240 Resp: 364549
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 27.8 22.3 33.5



#79
Terphenyl-d14
Concen: 61.946 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044639.D
Acq: 2 Mar 2020 19:08

Tgt Ion:244 Resp: 1192901
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 10.3 8.2 12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3635
Delta R.T. -0.12 min
Lab File: BG044639.D
Acq: 2 Mar 2020 19:08

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:	264	Resp:	409204
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.6	17.8	26.8

