

Data File : BG044640.D
Acq On : 2 Mar 2020 19:48
Operator : CG/JU
Sample : L1741-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Mar 03 06:15:31 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

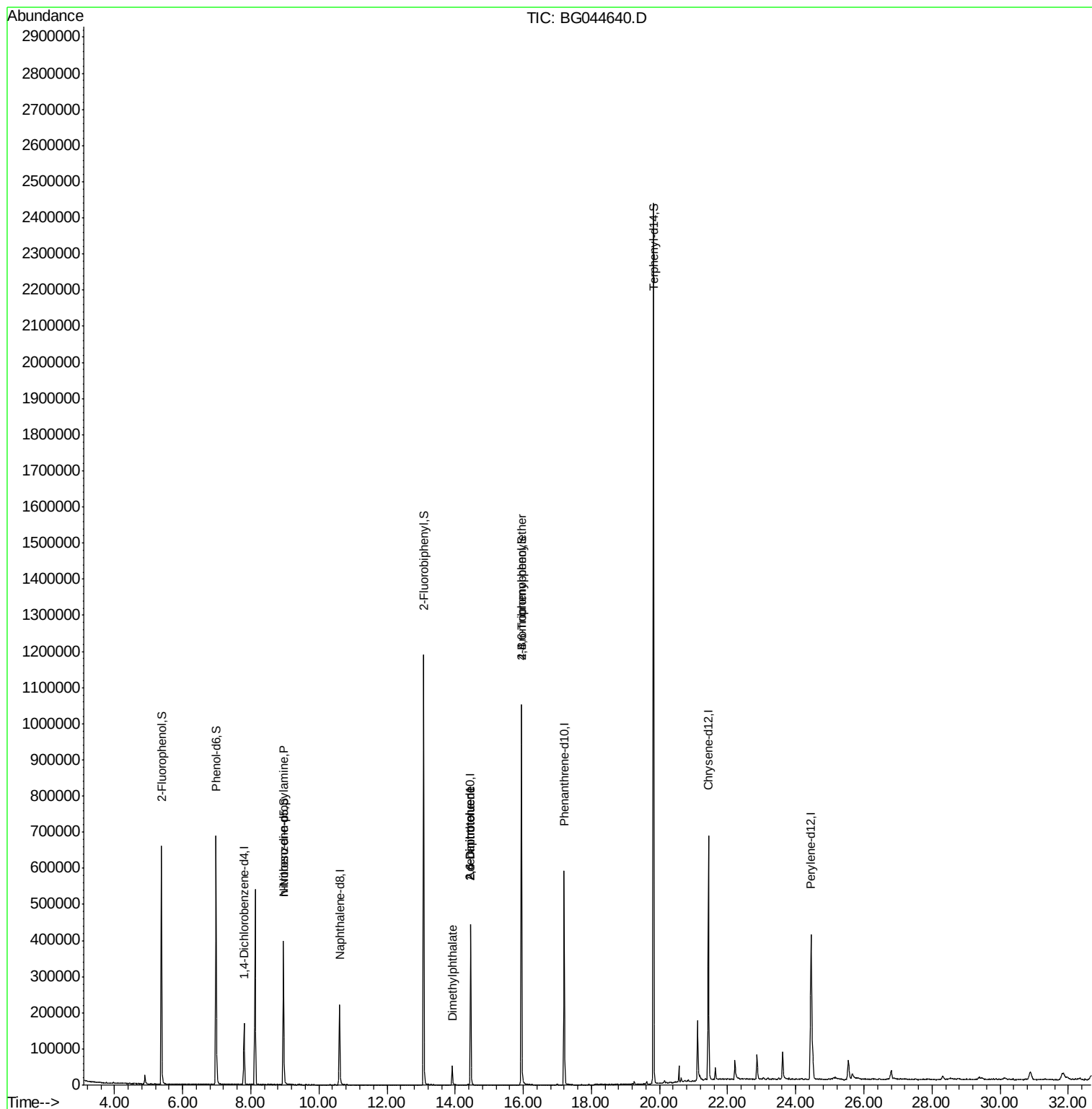
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45032	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	215800	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	159372	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	387655	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	371440	20.00	ng	-0.07
87) Perylene-d12	24.45	264	415713	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	317815	113.24	ng	-0.07
7) Phenol-d6	6.98	99	433947	112.95	ng	-0.07
23) Nitrobenzene-d5	8.96	82	256663	61.27	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	209990	92.93	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	647491	58.18	ng	-0.06
79) Terphenyl-d14	19.82	244	1204842	61.41	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	32799	13.282	ng	# 77
50) Dimethylphthalate	13.91	163	45136	3.509	ng	# 97
51) 2,6-Dinitrotoluene	14.45	165	21028	7.412	ng	# 32
57) 2,4-Dinitrotoluene	14.45	165	21028	5.272	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	13986	2.907	ng	# 1

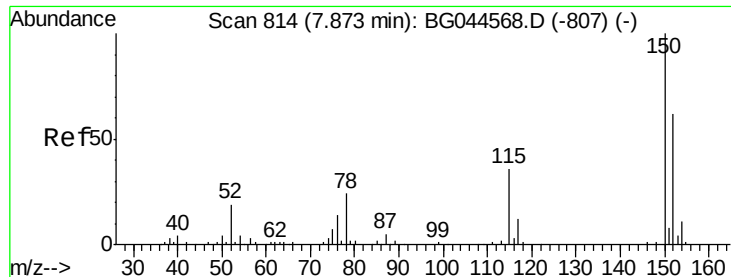
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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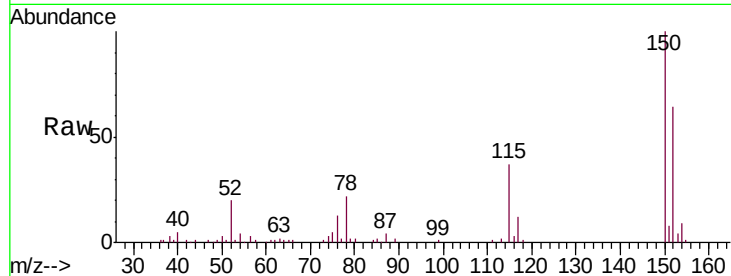


#1

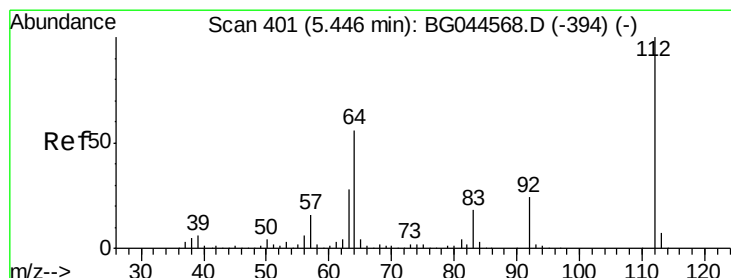
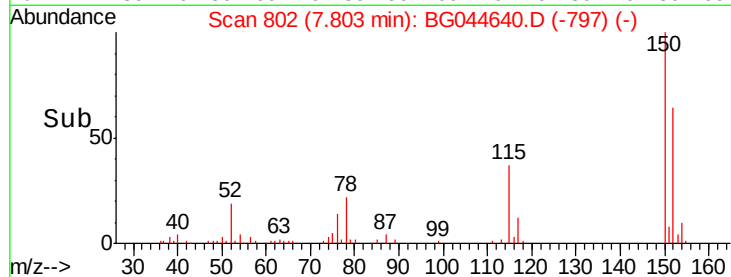
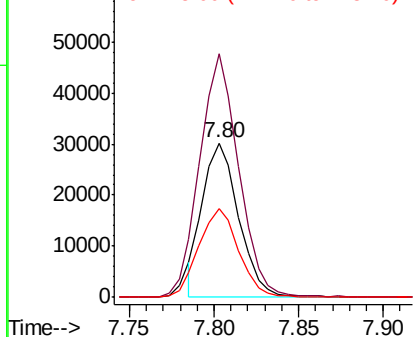
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044640.D
Acq: 2 Mar 2020 19:48

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 45032
Ion Ratio Lower Upper
152 100
150 157.5 128.9 193.3
115 57.7 47.0 70.4



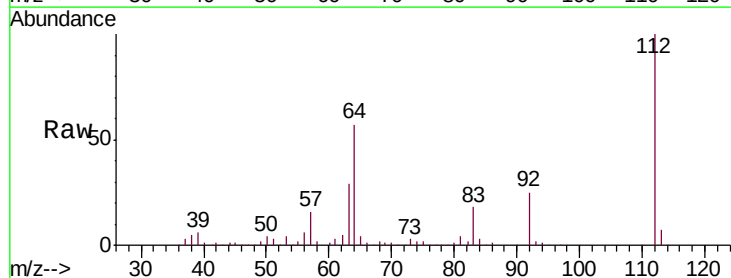
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



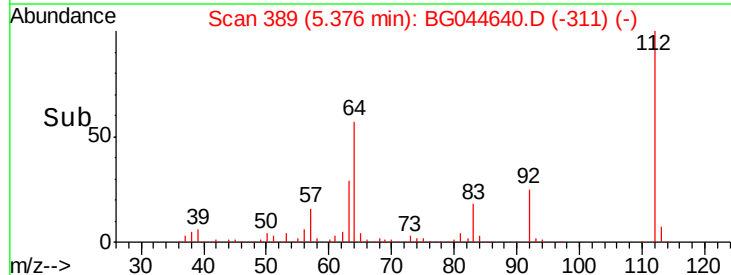
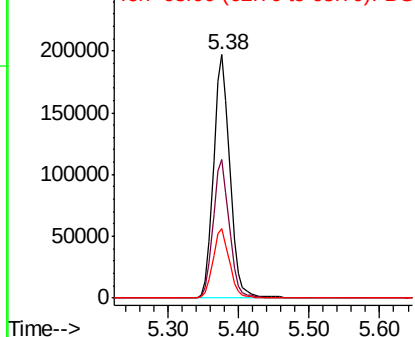
#5

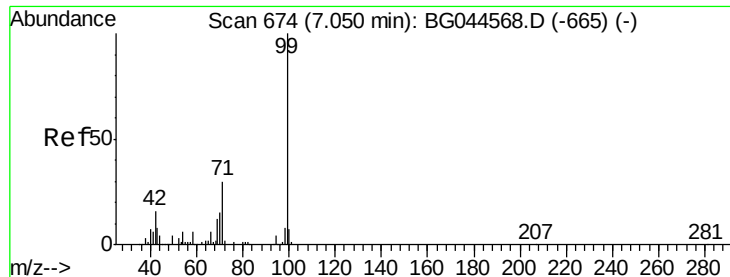
2-Fluorophenol
Concen: 113.236 ng
RT: 5.38 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044640.D
Acq: 2 Mar 2020 19:48

Tgt Ion:112 Resp: 317815
Ion Ratio Lower Upper
112 100
64 56.8 44.8 67.2
63 28.6 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: 112.955 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044640.D

Acq: 2 Mar 2020 19:48

Instrument :

BNA_G

ClientSampleId :

TP-2

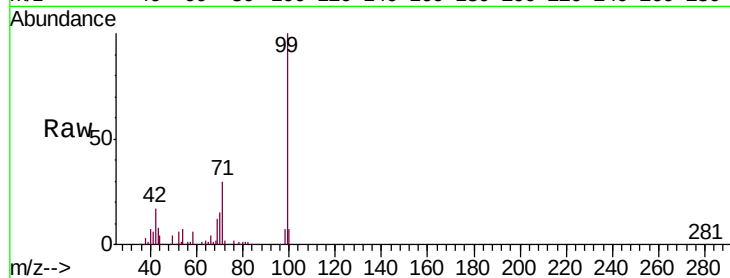
Tgt Ion: 99 Resp: 433947

Ion Ratio Lower Upper

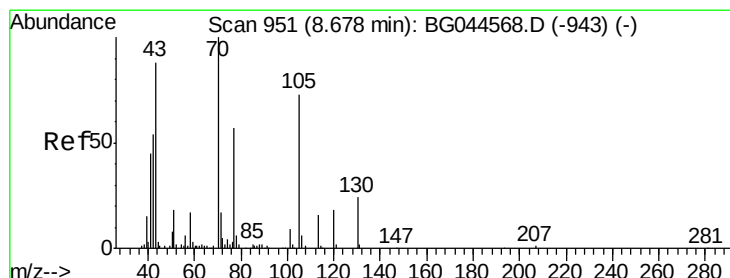
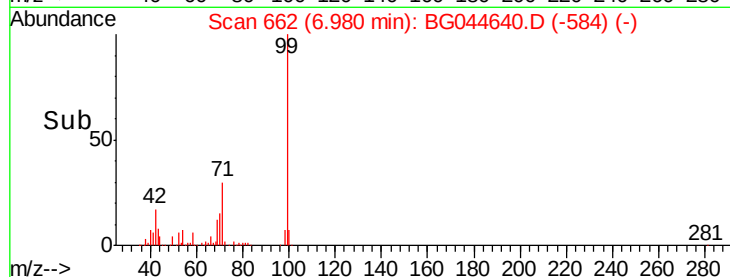
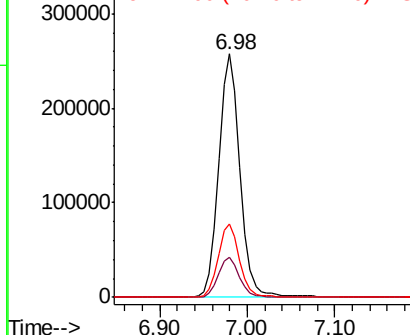
99 100

42 16.6 12.8 19.2

71 30.4 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: 13.282 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044640.D

Acq: 2 Mar 2020 19:48

Tgt Ion: 70 Resp: 32799

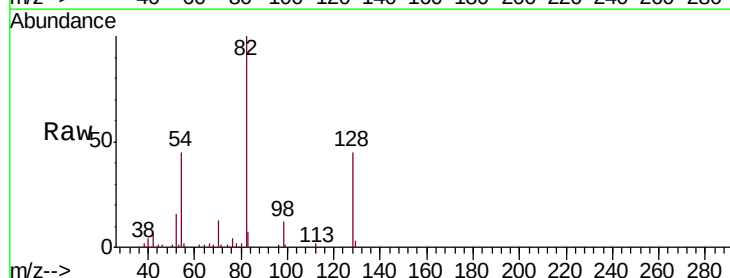
Ion Ratio Lower Upper

70 100

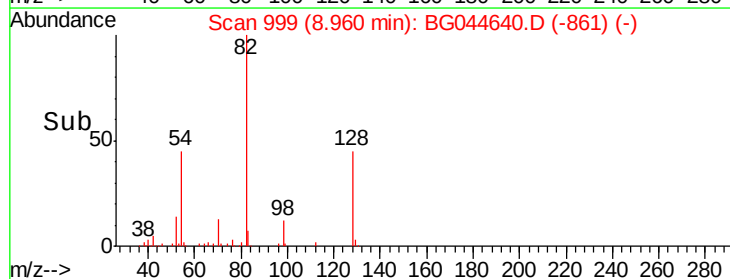
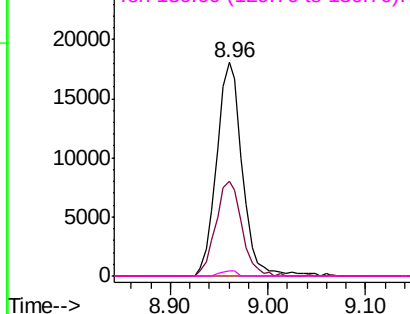
42 44.5 43.4 65.0

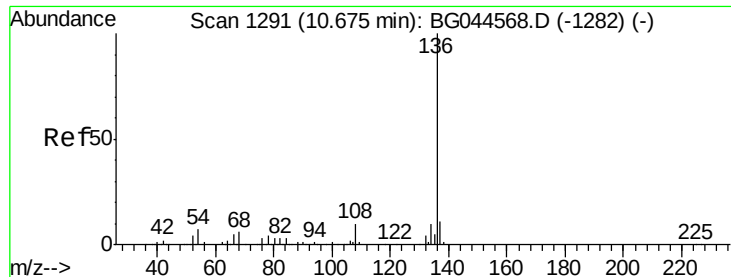
101 0.0 7.5 11.3#

130 2.4 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

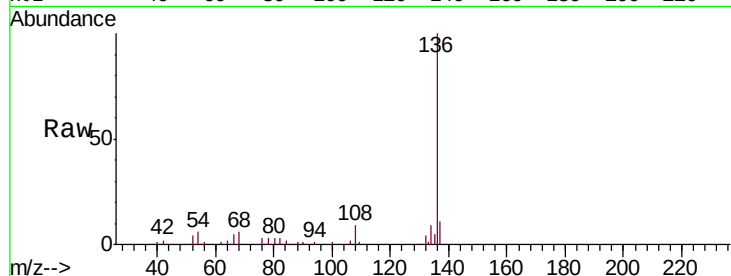




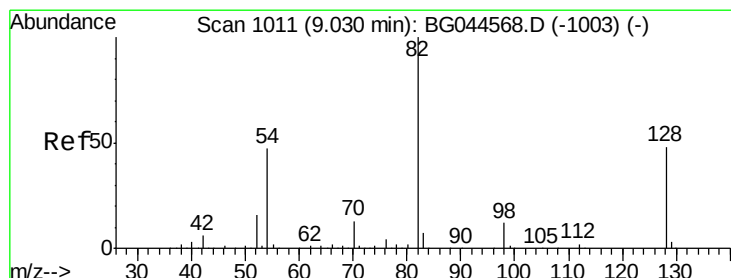
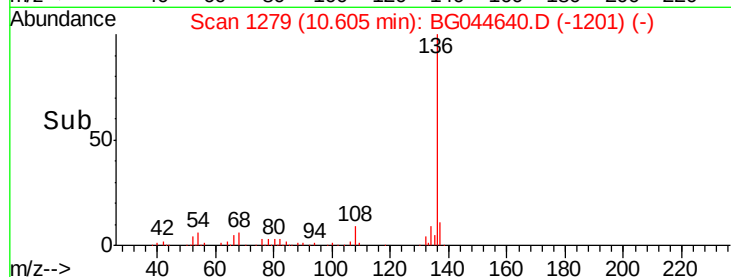
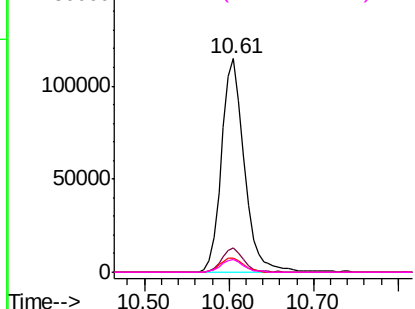
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044640.D
Acq: 2 Mar 2020 19:48

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:	136	Resp:	215800
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.4	5.7	8.5
68	5.8	4.5	6.7

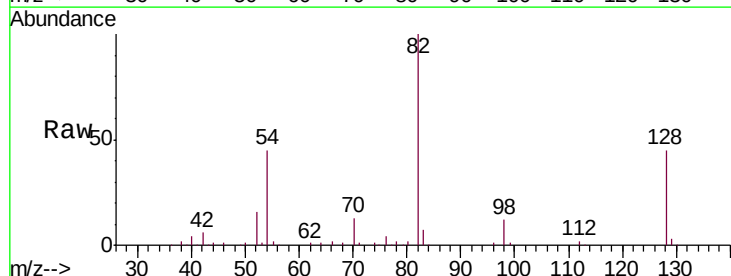


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

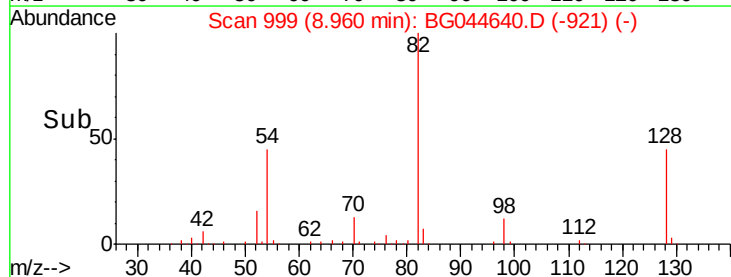
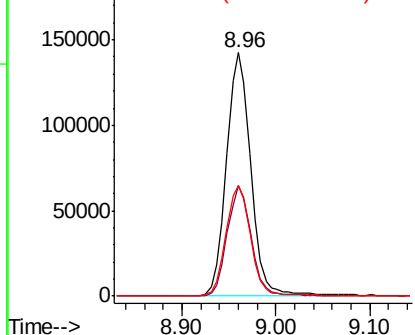


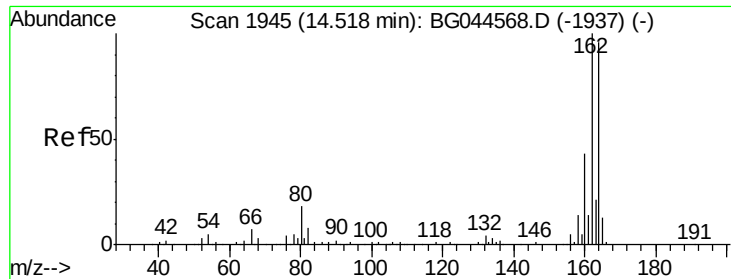
#23
Nitrobenzene-d5
Concen: 61.274 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044640.D
Acq: 2 Mar 2020 19:48

Tgt Ion:	82	Resp:	256663
Ion	Ratio	Lower	Upper
82	100		
128	45.2	38.1	57.1
54	45.2	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: BG044640.D

Acq: 2 Mar 2020 19:48

Instrument :

BNA_G

ClientSampleId :

TP-2

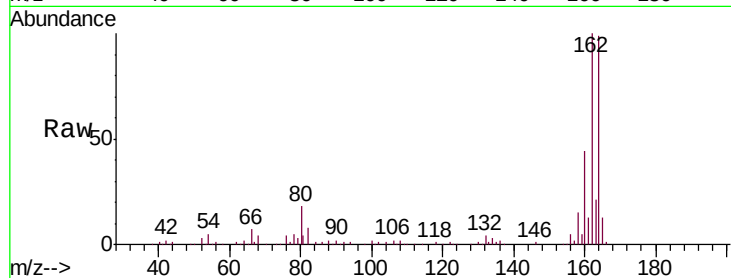
Tgt Ion:164 Resp: 159372

Ion Ratio Lower Upper

164 100

162 100.7 83.6 125.4

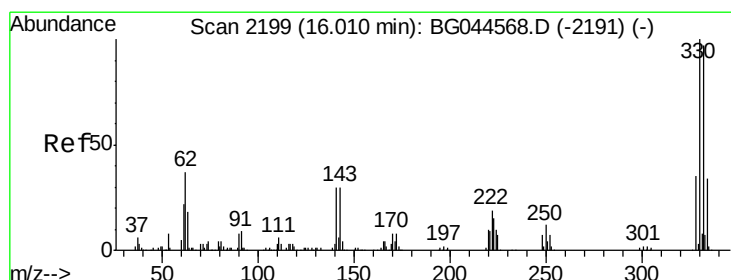
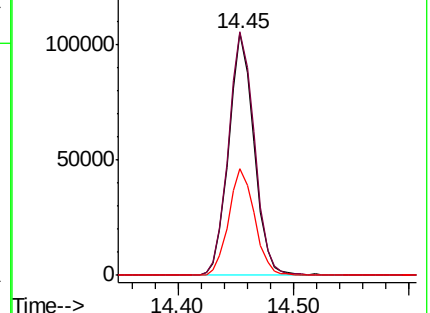
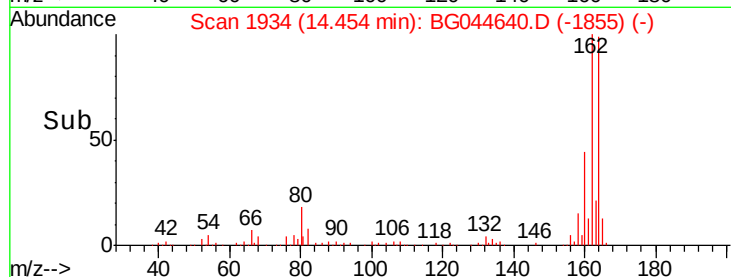
160 43.8 36.2 54.4



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: 92.925 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.06 min

Lab File: BG044640.D

Acq: 2 Mar 2020 19:48

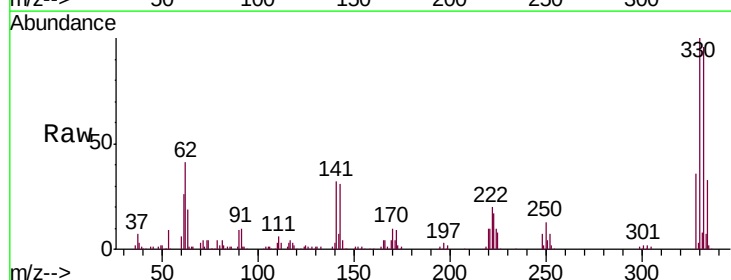
Tgt Ion:330 Resp: 209990

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

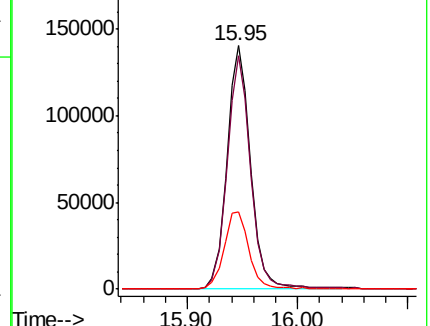
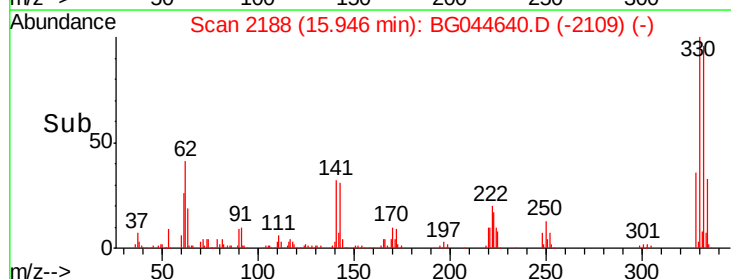
141 33.5 26.1 39.1

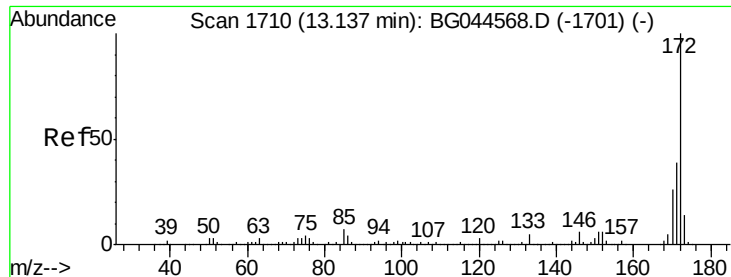


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

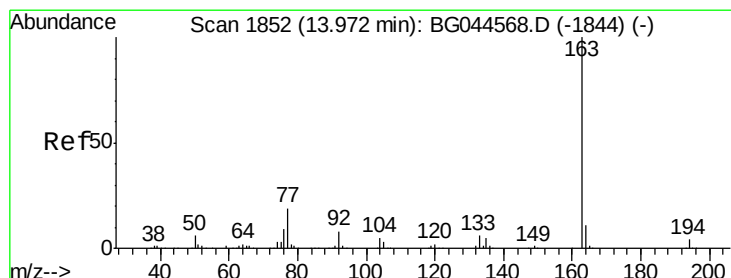
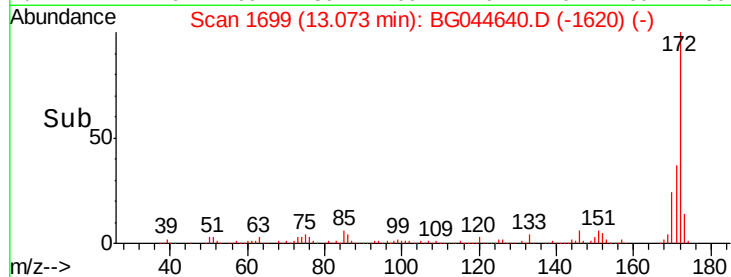
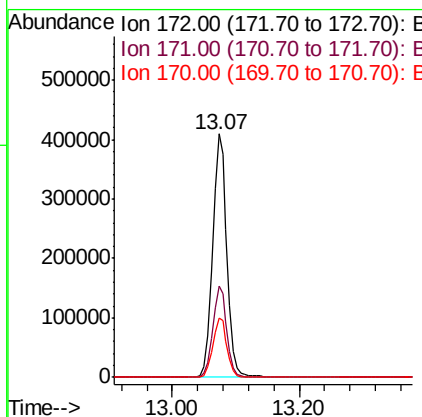
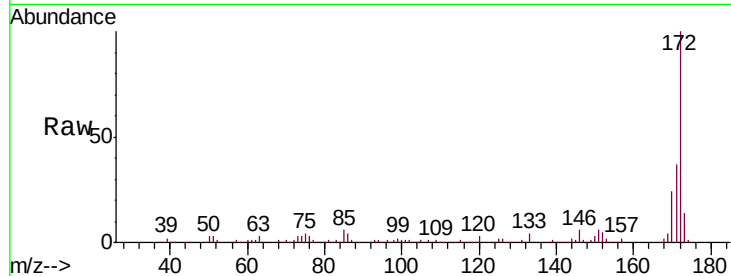




#45
 2-Fluorobiphenyl
 Concen: 58.178 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044640.D
 Acq: 2 Mar 2020 19:48

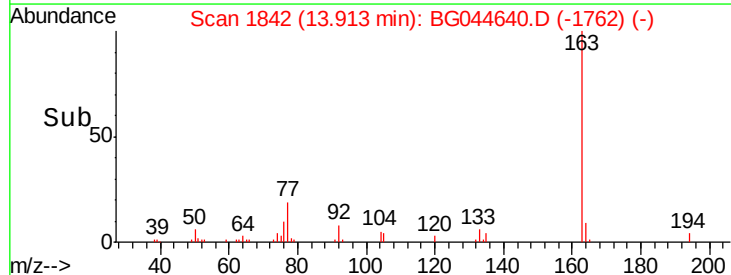
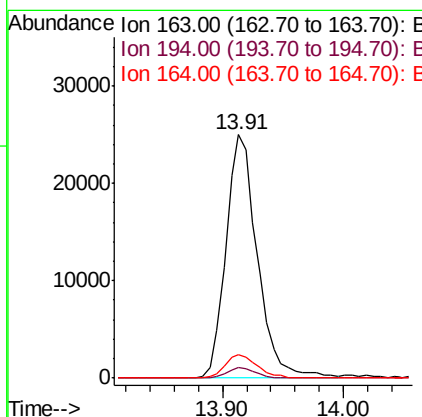
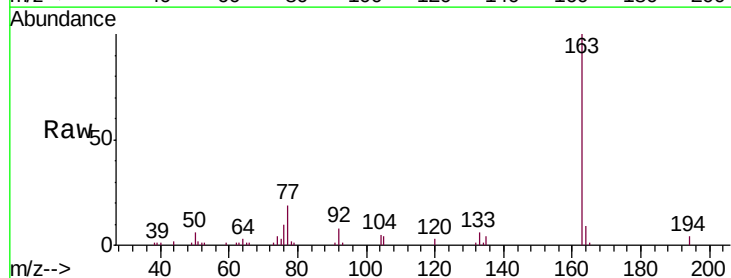
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

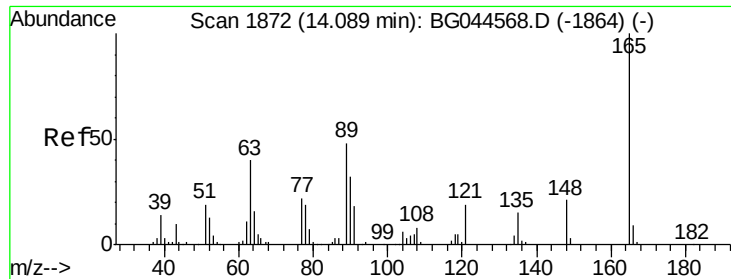
Tgt Ion:172 Resp: 647491
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.3 46.9
 170 24.5 21.0 31.4



#50
 Dimethylphthalate
 Concen: 3.509 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044640.D
 Acq: 2 Mar 2020 19:48

Tgt Ion:163 Resp: 45136
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 9.4 8.7 13.1

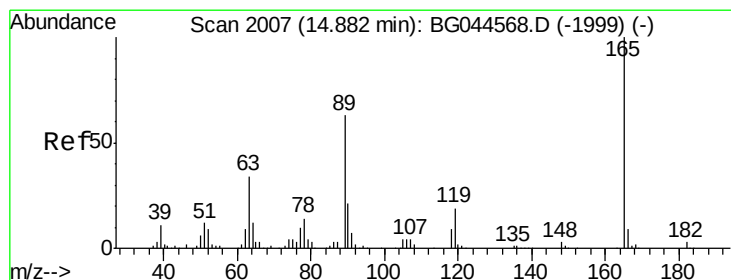
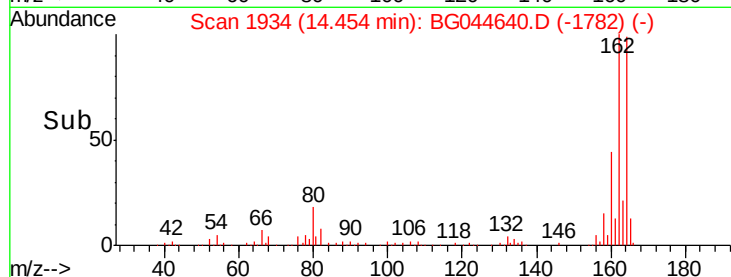
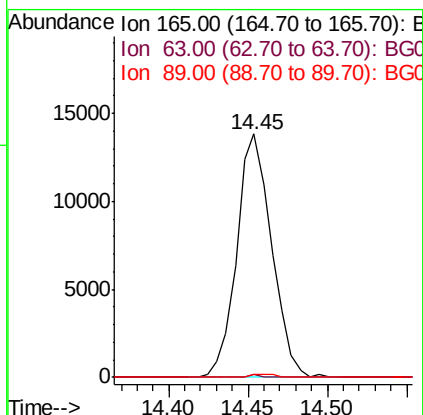
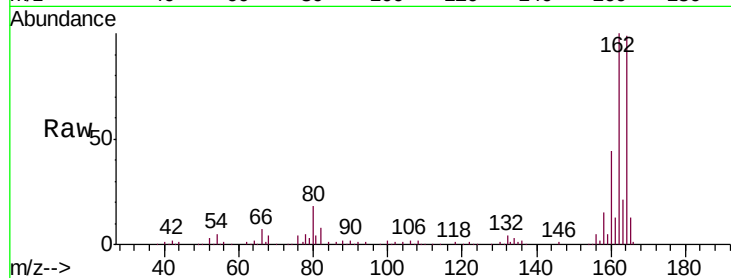




#51
 2,6-Dinitrotoluene
 Concen: 7.412 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044640.D
 Acq: 2 Mar 2020 19:48

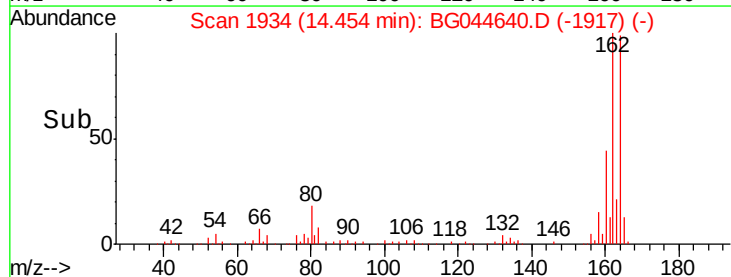
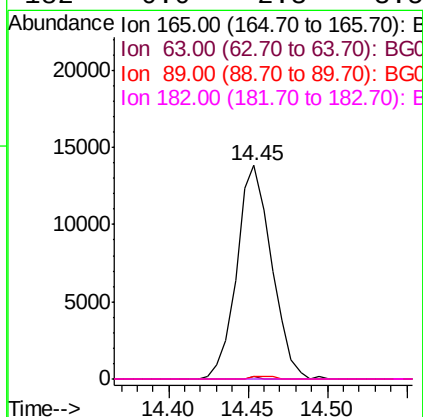
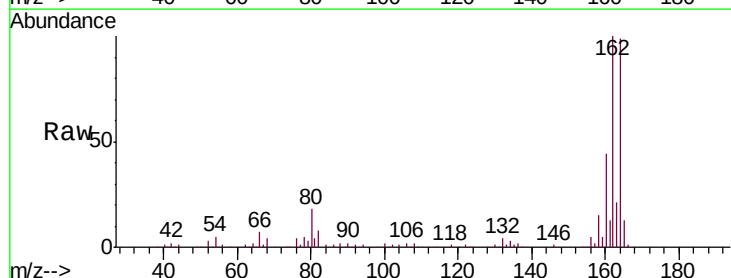
Instrument :
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 ClientSampleId :
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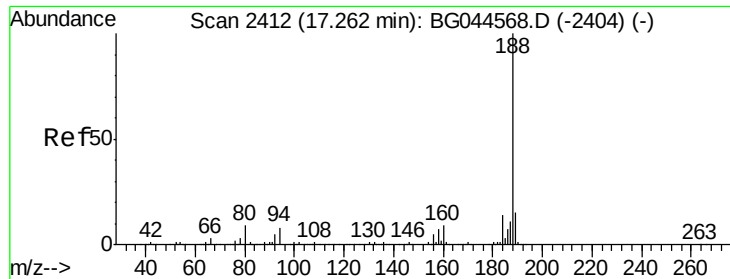
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.8	53.6#
89	1.4	38.7	58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.272 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044640.D
 Acq: 2 Mar 2020 19:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.5	41.3#
89	1.4	50.0	75.0#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2401

Delta R.T. -0.06 min

Lab File: BG044640.D

Acq: 2 Mar 2020 19:48

Instrument :

BNA_G

ClientSampleId :

TP-2

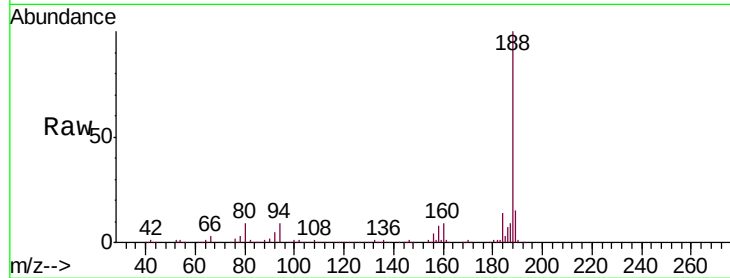
Tgt Ion:188 Resp: 387655

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

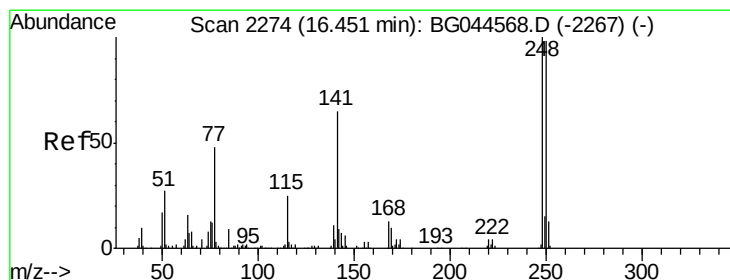
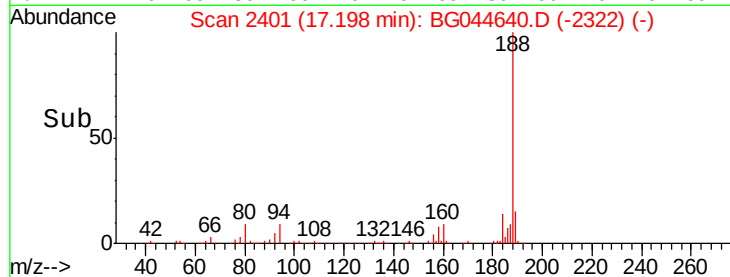
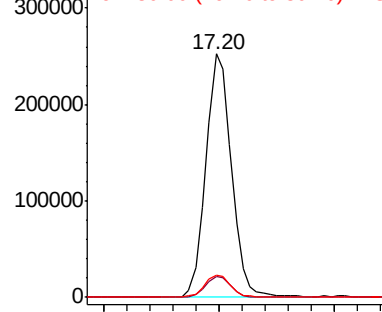
80 9.1 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 2.907 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.50 min

Lab File: BG044640.D

Acq: 2 Mar 2020 19:48

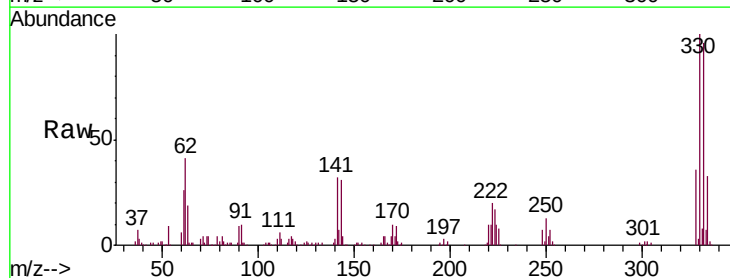
Tgt Ion:248 Resp: 13986

Ion Ratio Lower Upper

248 100

250 188.1 78.7 118.1#

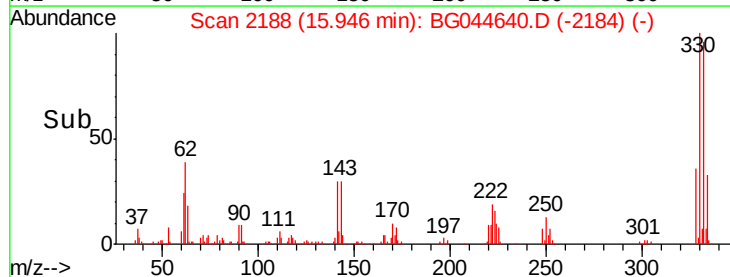
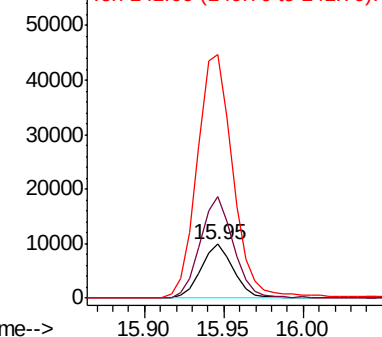
141 449.7 52.3 78.5#

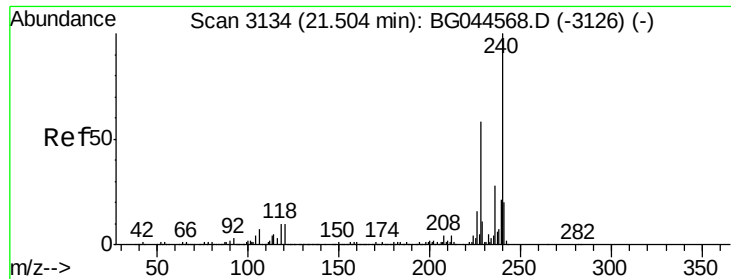


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

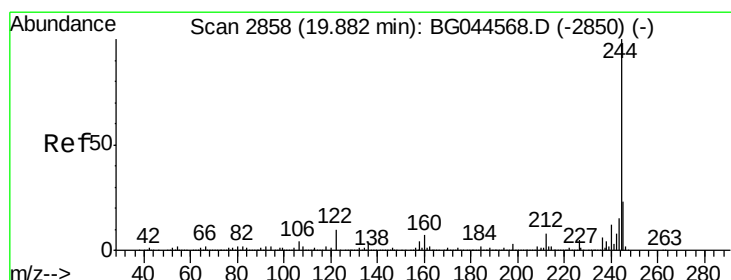
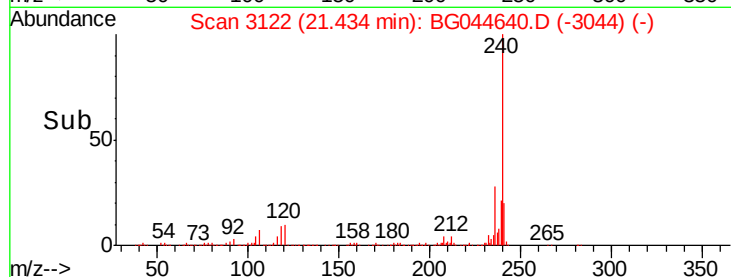
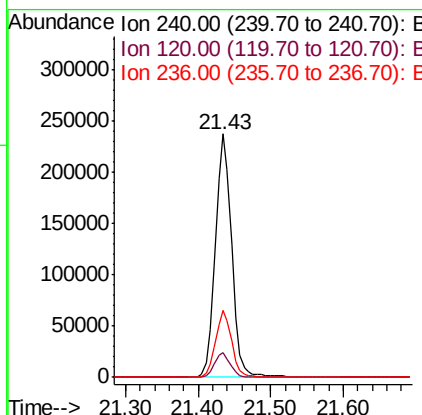
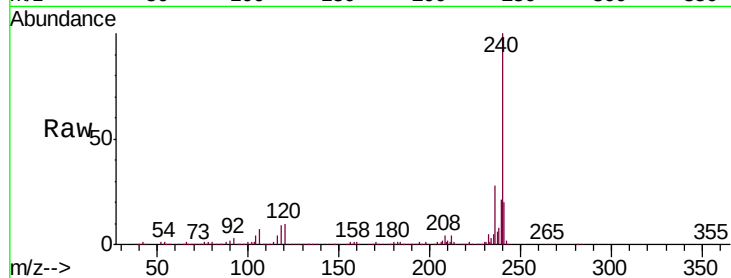




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044640.D
Acq: 2 Mar 2020 19:48

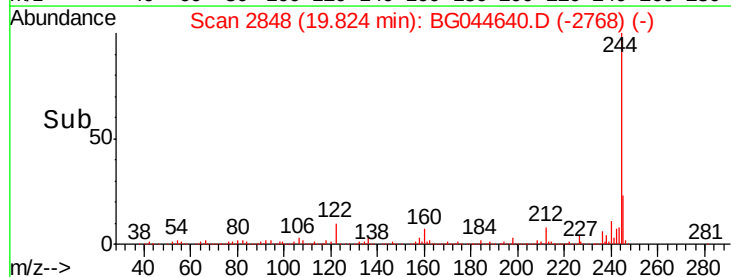
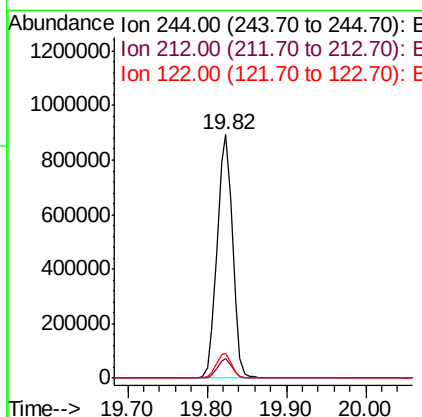
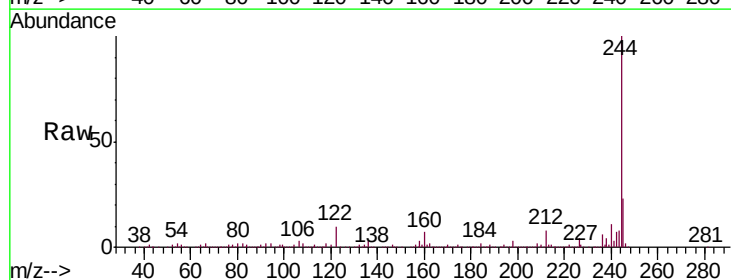
Instrument :
BNA_G
ClientSampleId :
TP-2

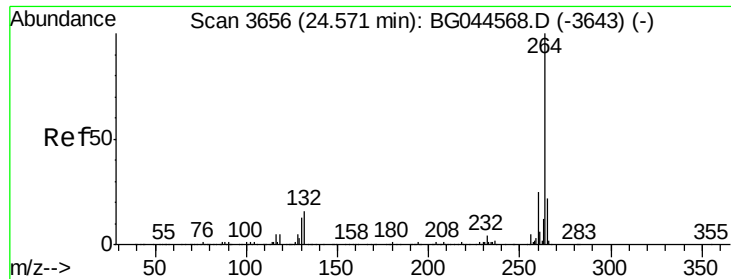
Tgt Ion:240 Resp: 371440
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 27.6 22.3 33.5



#79
Terphenyl-d14
Concen: 61.406 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044640.D
Acq: 2 Mar 2020 19:48

Tgt Ion:244 Resp: 1204842
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 10.4 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: BG044640.D
Acq: 2 Mar 2020 19:48

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 264 Resp: 415713
Ion Ratio Lower Upper
264 100
260 23.4 19.7 29.5
265 21.3 17.8 26.8

