

Data File : BG044646.D
Acq On : 2 Mar 2020 23:45
Operator : CG/JU
Sample : L1744-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Time: Mar 03 06:16:58 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

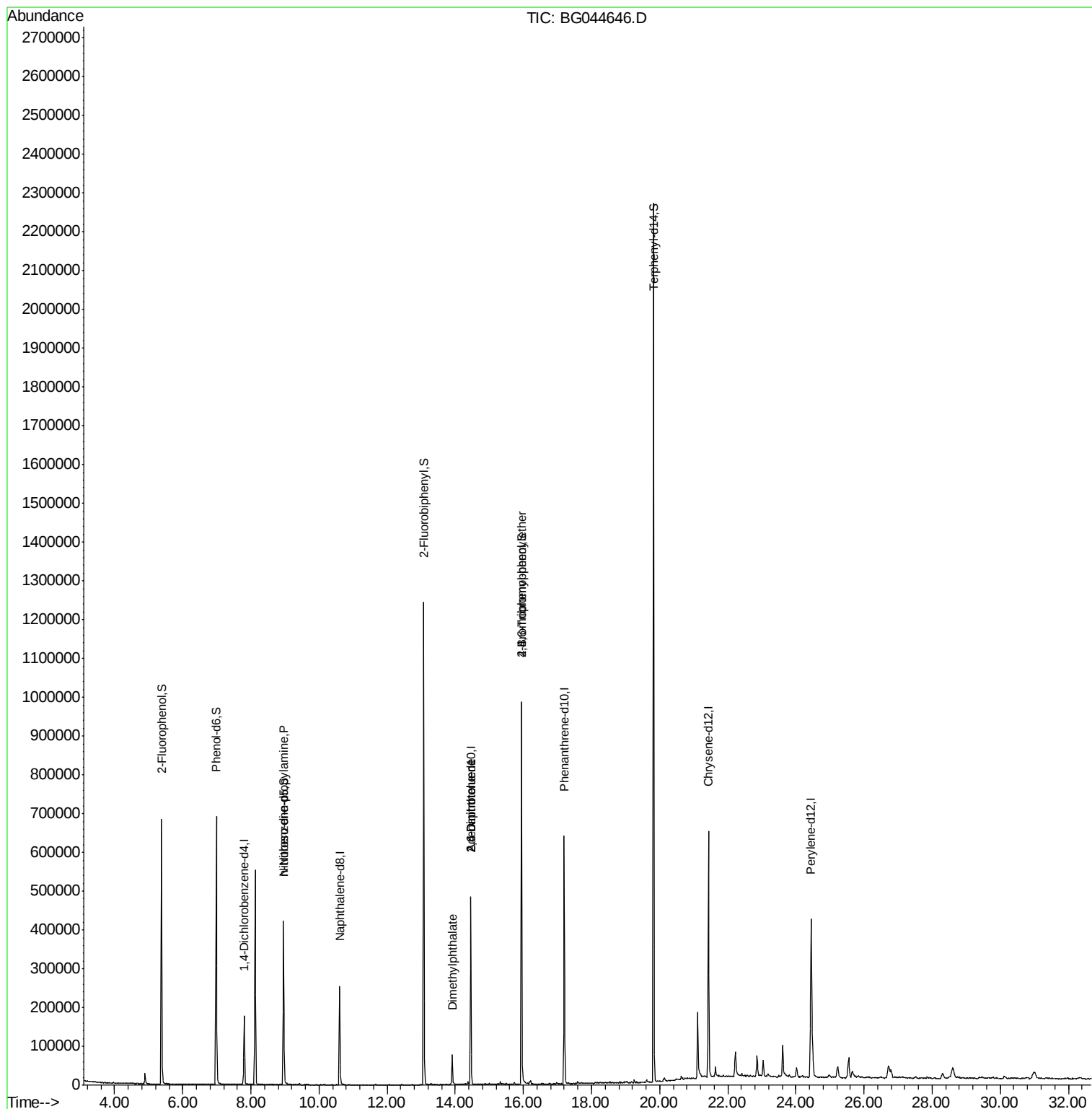
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47803	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	243331	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	172295	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	393175	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	364981	20.00	ng	-0.07
87) Perylene-d12	24.45	264	412319	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	333933	112.08	ng	-0.07
7) Phenol-d6	6.98	99	455982	111.81	ng	-0.07
23) Nitrobenzene-d5	8.96	82	271990	57.59	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	204935	83.89	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	663863	55.18	ng	-0.06
79) Terphenyl-d14	19.82	244	1135416	58.89	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	35136	13.403	ng	Qvalue # 80
50) Dimethylphthalate	13.91	163	60818	4.373	ng	# 97
51) 2,6-Dinitrotoluene	14.46	165	22993	7.497	ng	# 31
57) 2,4-Dinitrotoluene	14.46	165	22993	5.332	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	13204	2.706	ng	# 1

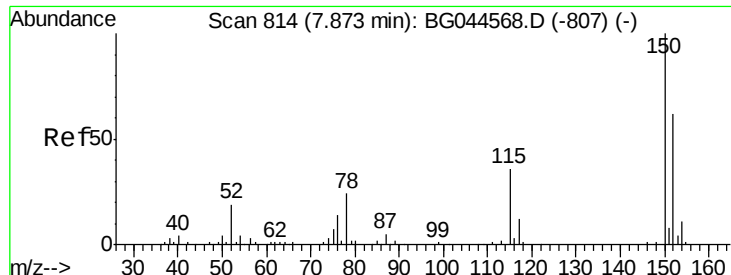
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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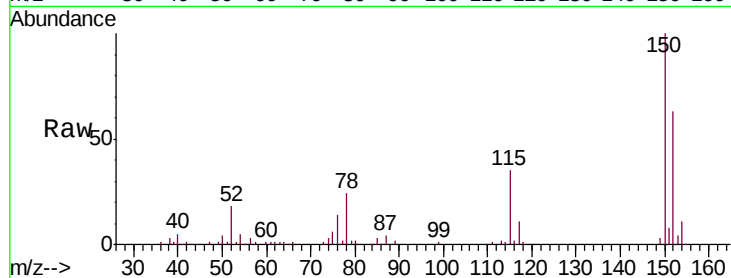


#1

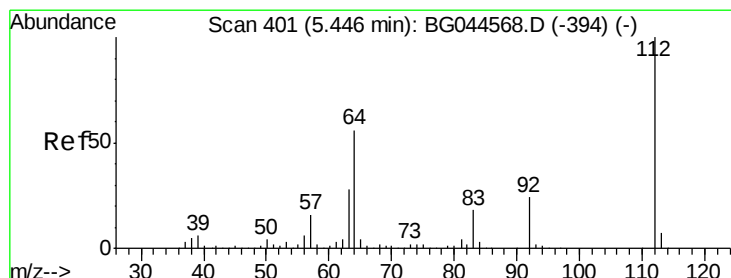
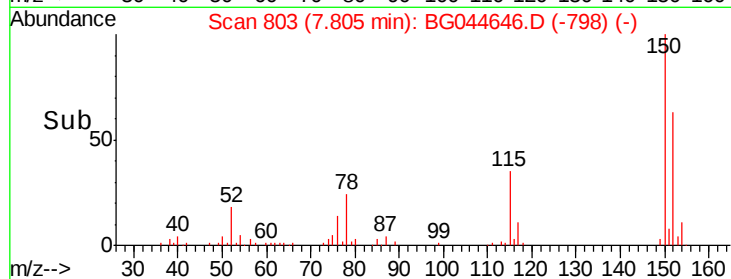
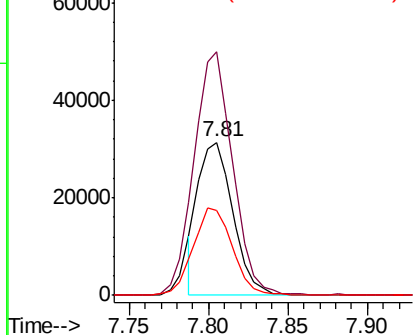
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 47803
Ion Ratio Lower Upper
152 100
150 159.1 128.9 193.3
115 55.7 47.0 70.4



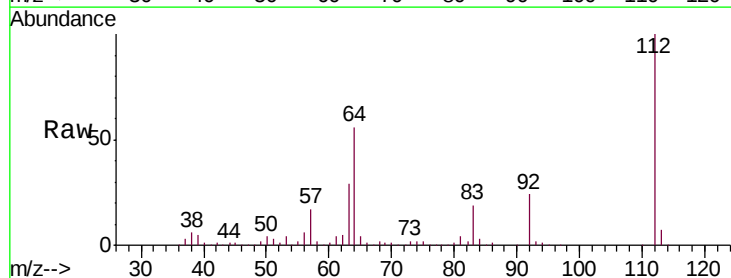
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



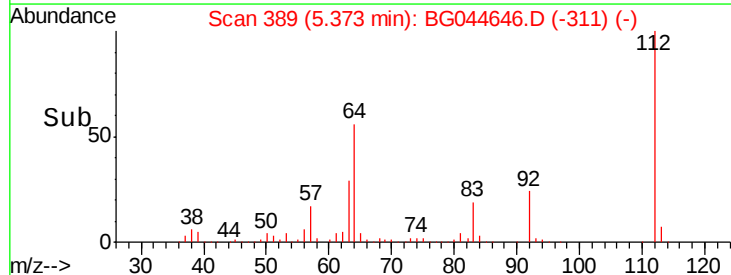
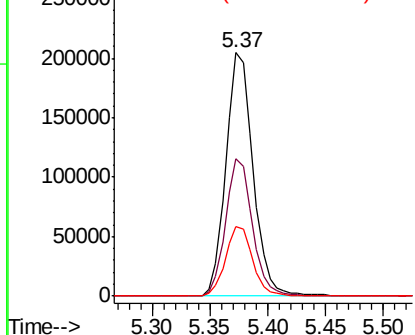
#5

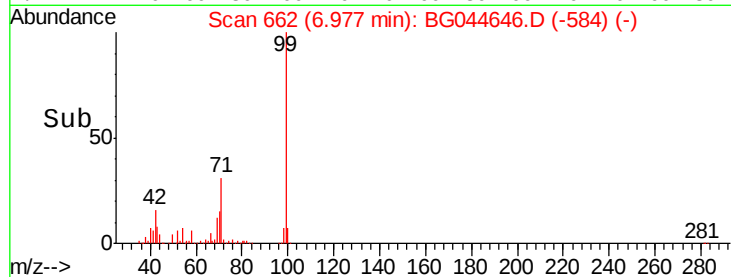
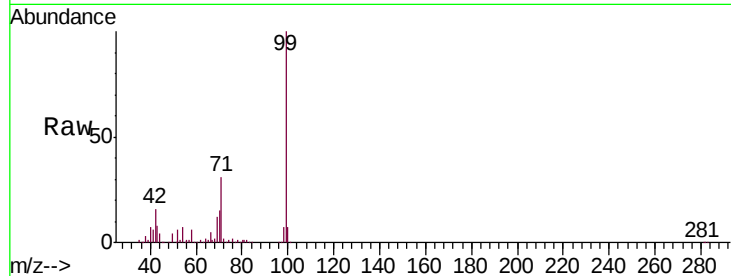
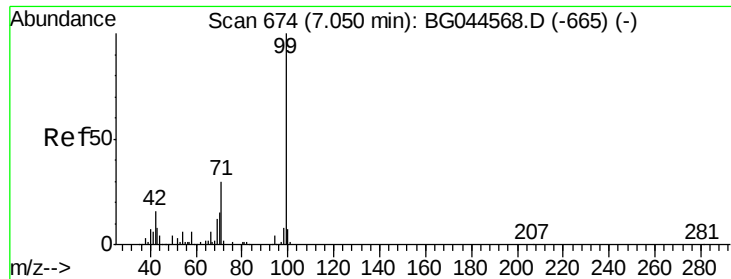
2-Fluorophenol
Concen: 112.082 ng
RT: 5.37 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

Tgt Ion:112 Resp: 333933
Ion Ratio Lower Upper
112 100
64 56.5 44.8 67.2
63 28.8 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: 111.810 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044646.D

Acq: 2 Mar 2020 23:45

Instrument :

BNA_G

ClientSampleId :

TP-3

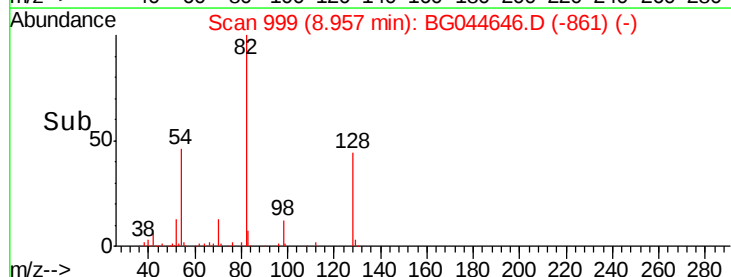
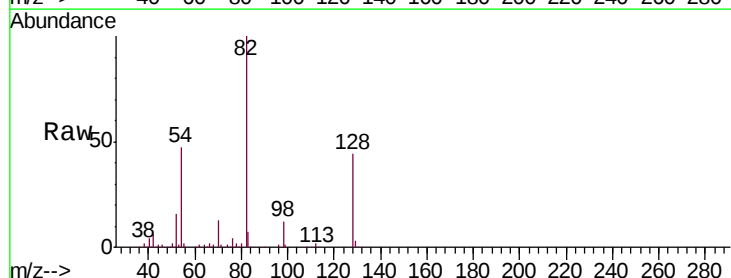
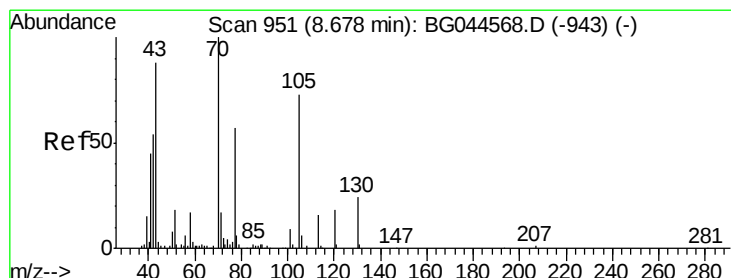
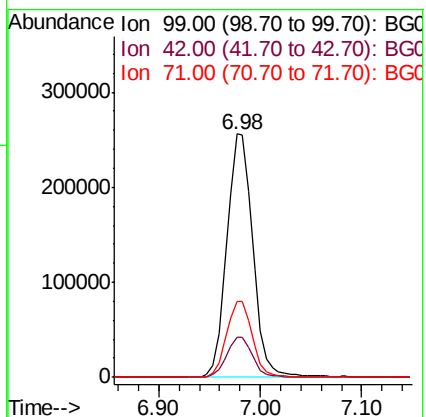
Tgt Ion: 99 Resp: 455982

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

71 30.9 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.403 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044646.D

Acq: 2 Mar 2020 23:45

Tgt Ion: 70 Resp: 35136

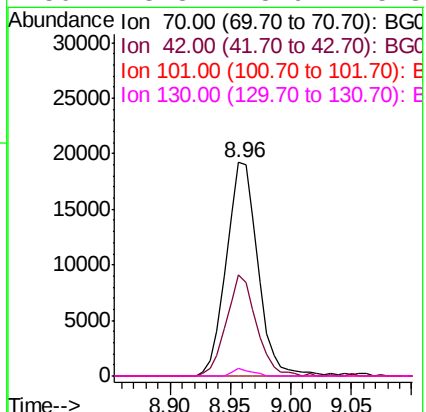
Ion Ratio Lower Upper

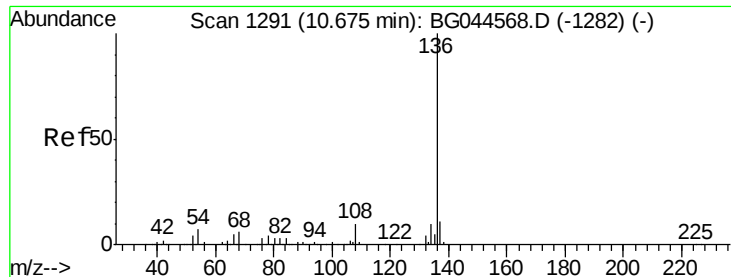
70 100

42 47.3 43.4 65.0

101 0.0 7.5 11.3#

130 3.3 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: BG044646.D

Acq: 2 Mar 2020 23:45

Instrument :

BNA_G

ClientSampleId :

TP-3

Tgt Ion: 136 Resp: 243331

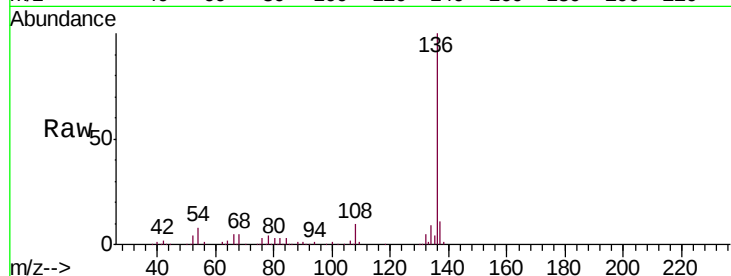
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 5.7 8.5

68 5.1 4.5 6.7

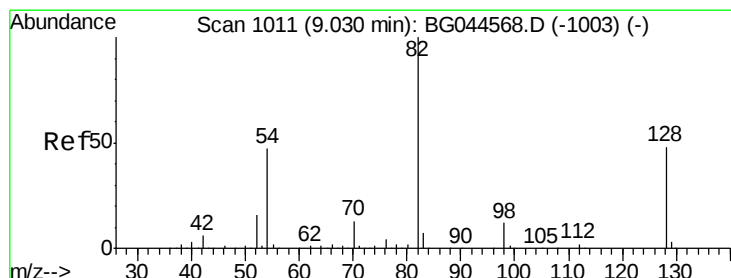
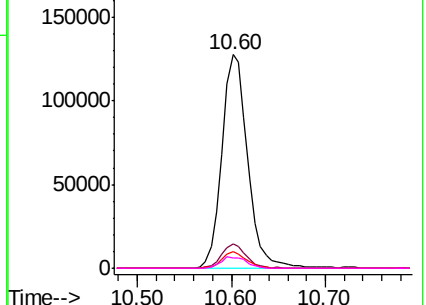
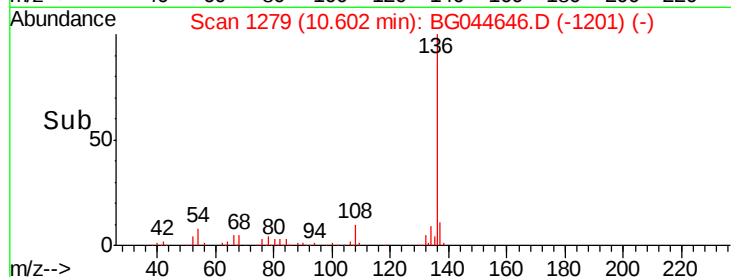


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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: 57.586 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.07 min

Lab File: BG044646.D

Acq: 2 Mar 2020 23:45

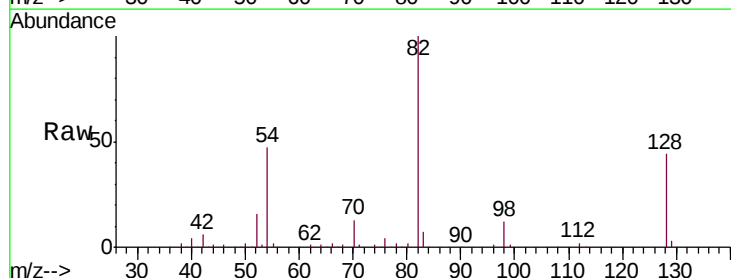
Tgt Ion: 82 Resp: 271990

Ion Ratio Lower Upper

82 100

128 44.3 38.1 57.1

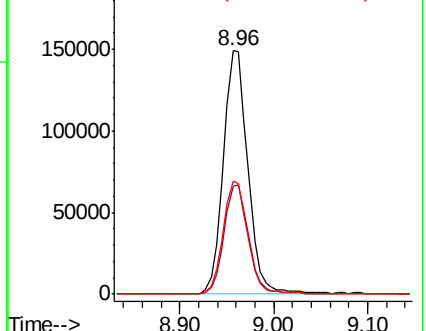
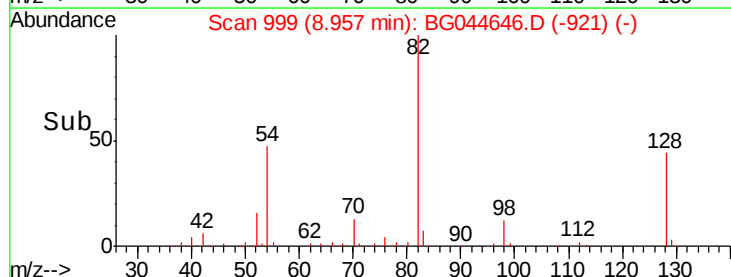
54 46.7 37.5 56.3

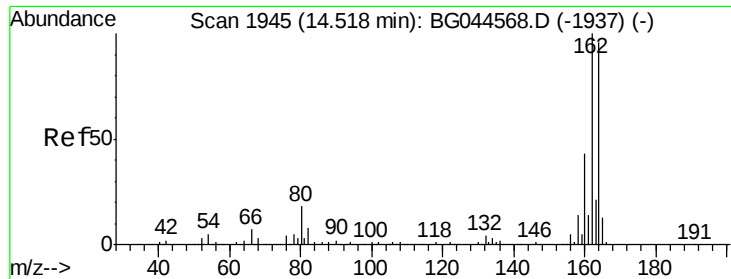


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044646.D

Acq: 2 Mar 2020 23:45

Instrument :

BNA_G

ClientSampleId :

TP-3

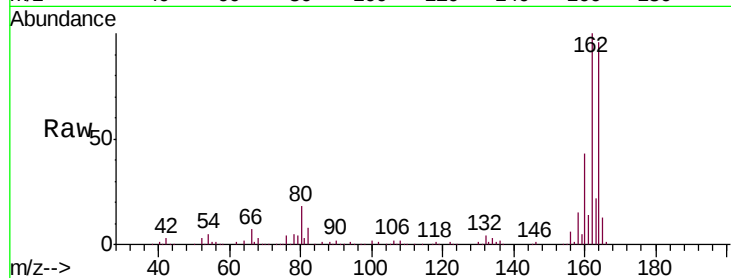
Tgt Ion:164 Resp: 172295

Ion Ratio Lower Upper

164 100

162 104.4 83.6 125.4

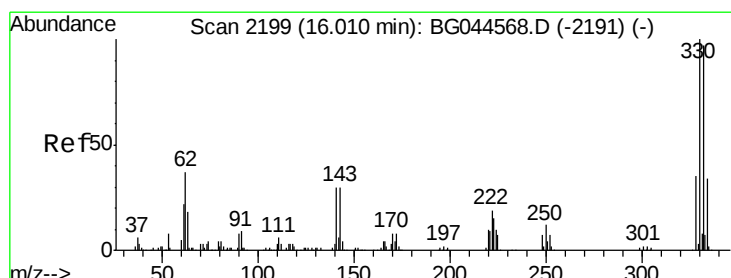
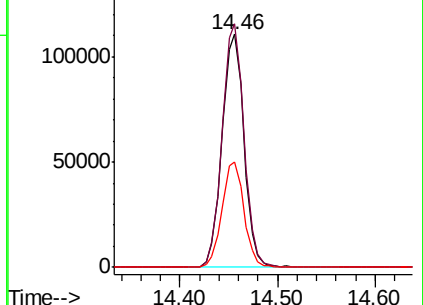
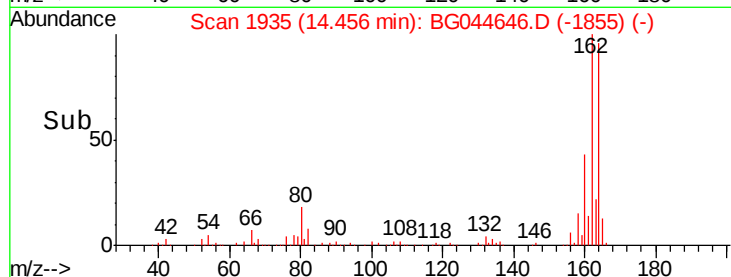
160 45.0 36.2 54.4



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: 83.886 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044646.D

Acq: 2 Mar 2020 23:45

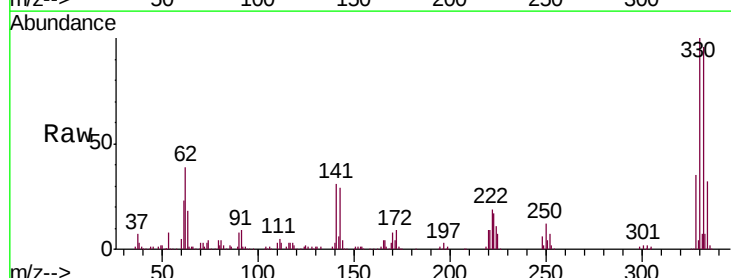
Tgt Ion:330 Resp: 204935

Ion Ratio Lower Upper

330 100

332 94.6 77.4 116.0

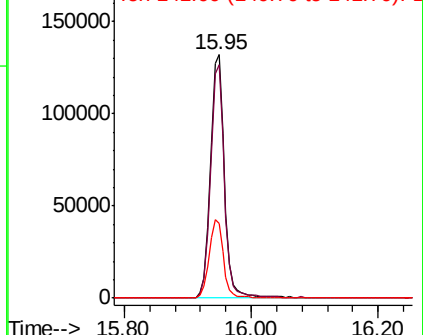
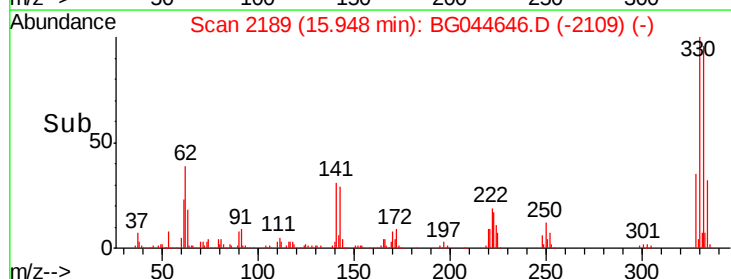
141 32.7 26.1 39.1

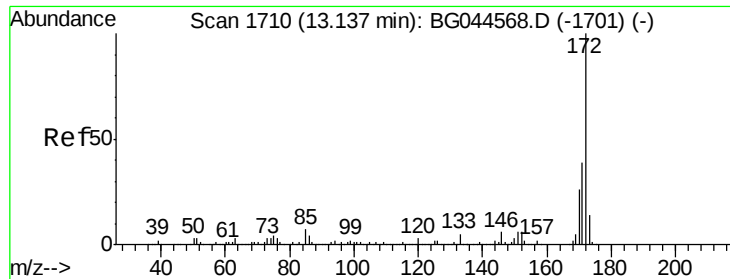


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

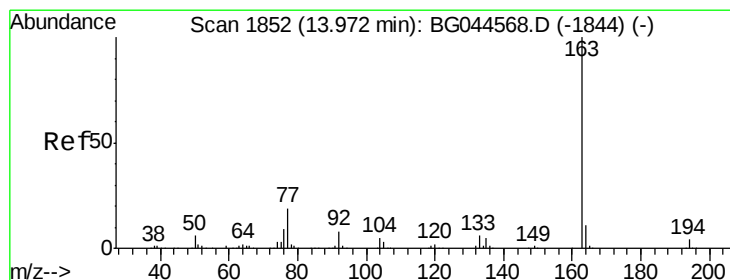
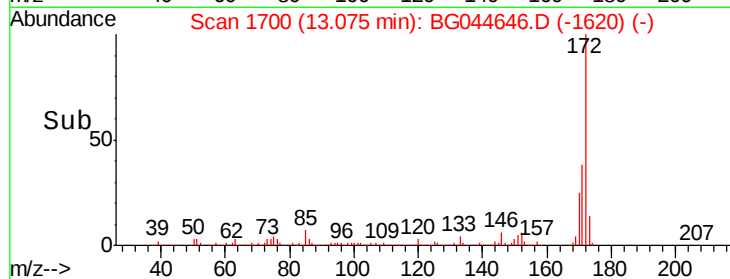
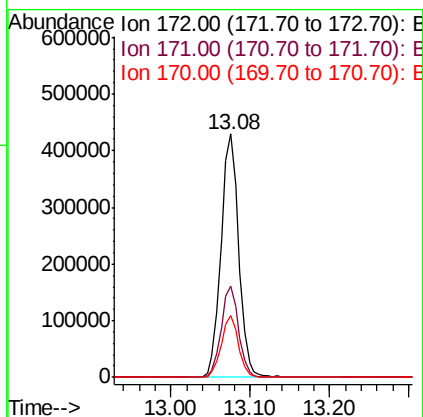
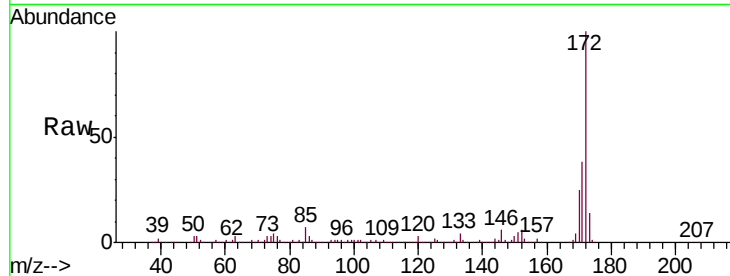




#45
 2-Fluorobiphenyl
 Concen: 55.175 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044646.D
 Acq: 2 Mar 2020 23:45

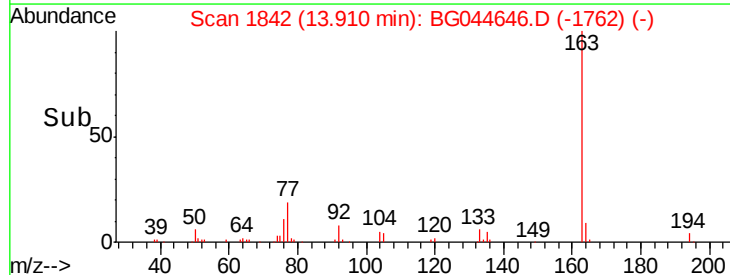
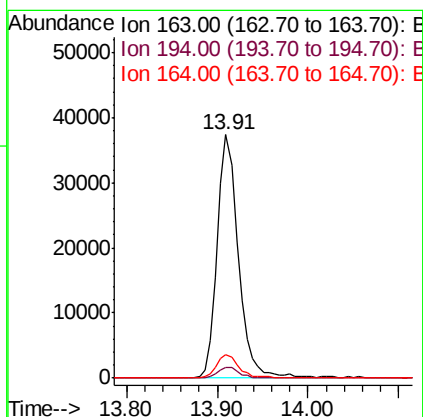
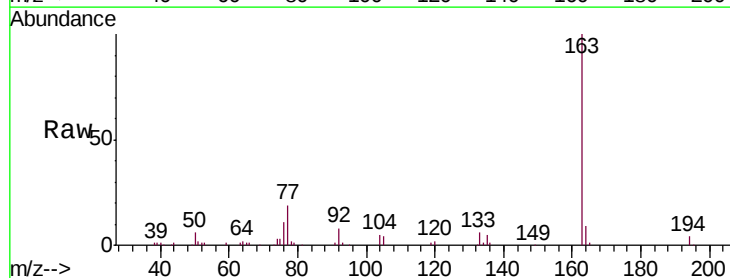
Instrument :
 BNA_G
 ClientSampleID :
 TP-3

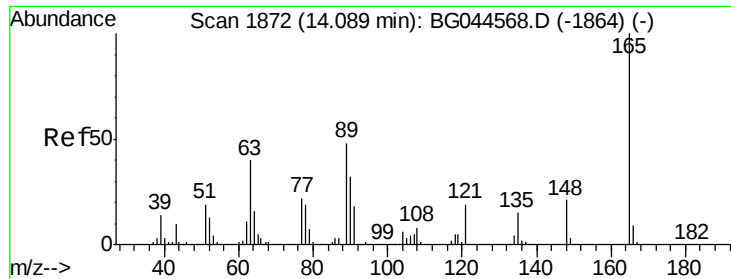
Tgt Ion:172 Resp: 663863
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 25.3 21.0 31.4



#50
 Dimethylphthalate
 Concen: 4.373 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044646.D
 Acq: 2 Mar 2020 23:45

Tgt Ion:163 Resp: 60818
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 9.5 8.7 13.1

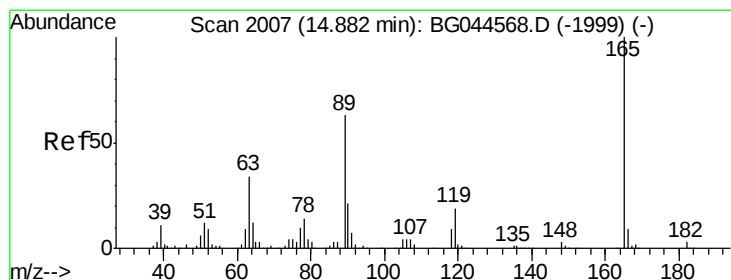
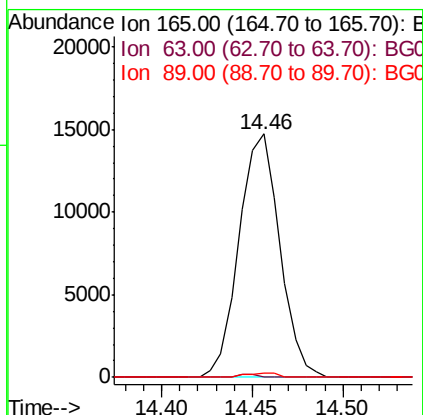
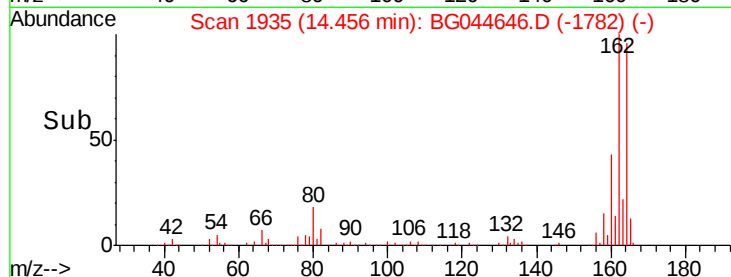
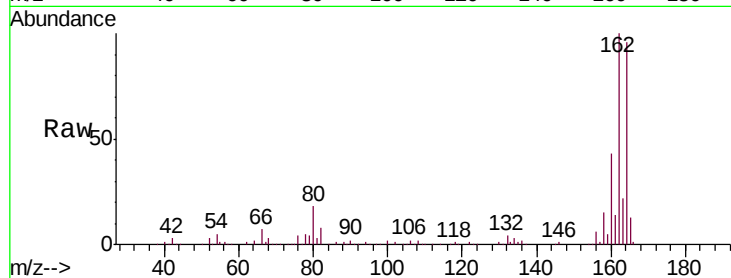




#51
2,6-Dinitrotoluene
Concen: 7.497 ng
RT: 14.46 min Scan# 1935
Delta R.T. 0.37 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

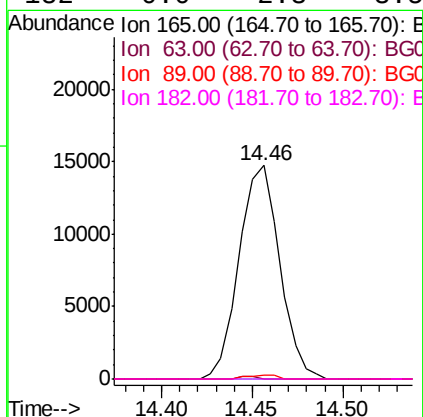
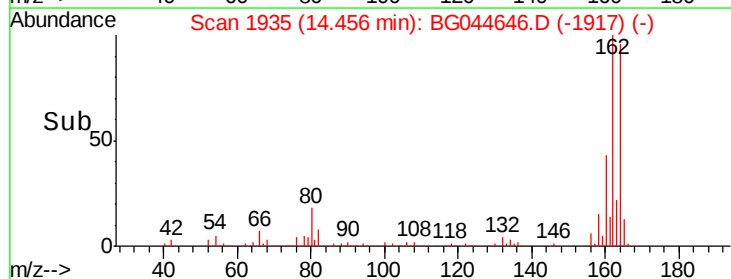
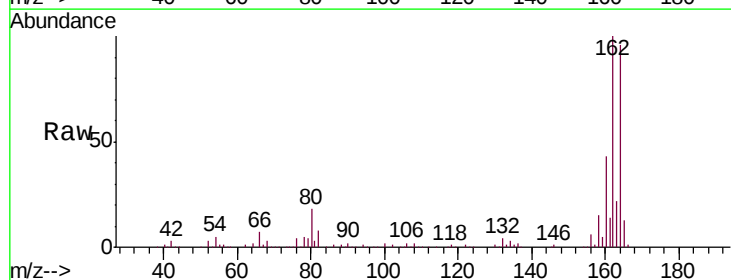
Instrument :
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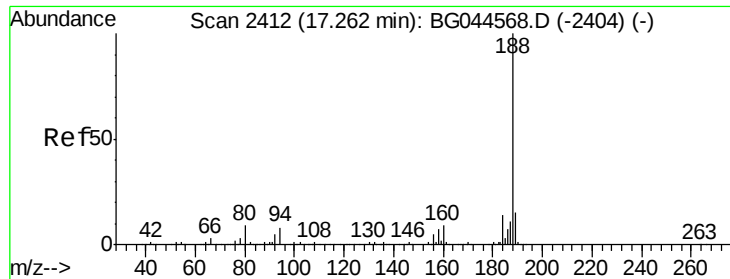
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	1.6	38.7	58.1#



#57
2,4-Dinitrotoluene
Concen: 5.332 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.43 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

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#

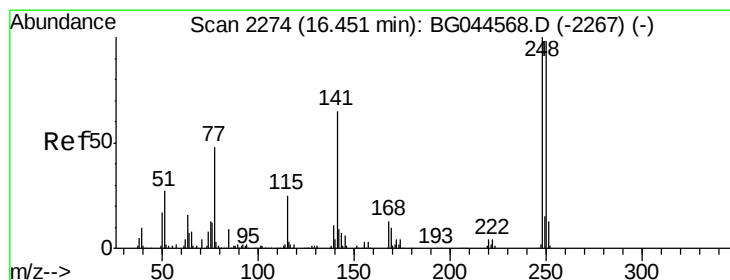
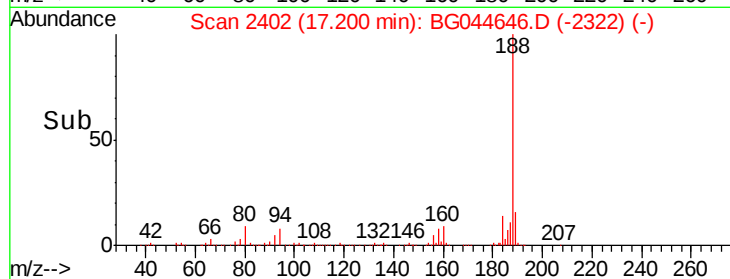
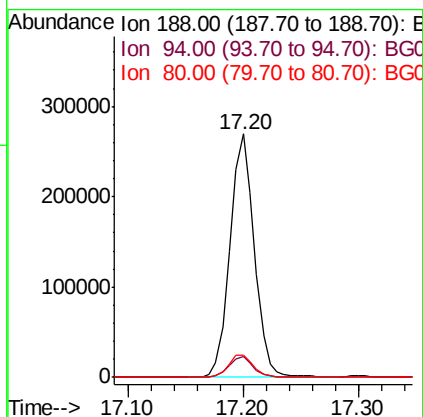
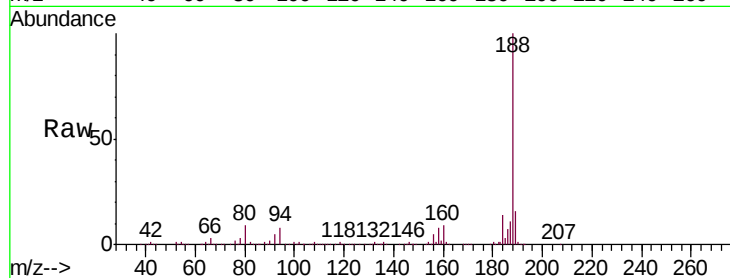




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

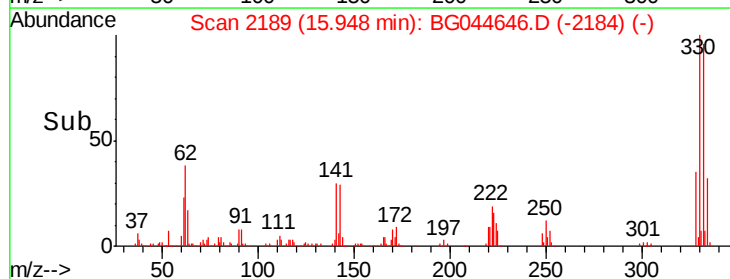
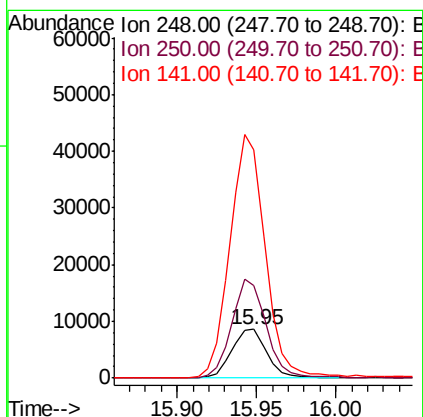
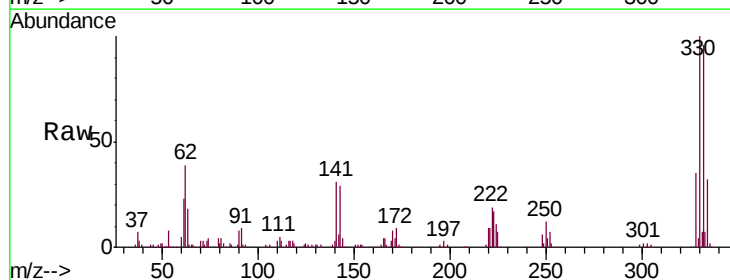
Instrument :
BNA_G
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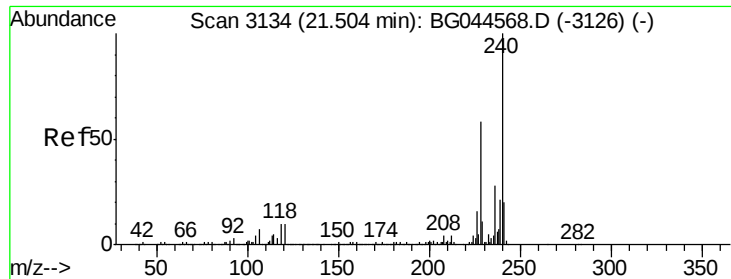
Tgt Ion:188 Resp: 393175
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.706 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.50 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

Tgt Ion:248 Resp: 13204
Ion Ratio Lower Upper
248 100
250 192.0 78.7 118.1#
141 471.6 52.3 78.5#

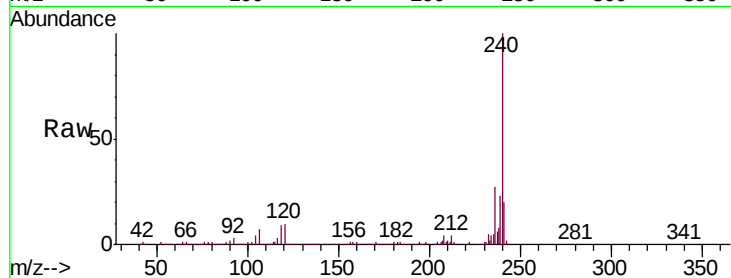




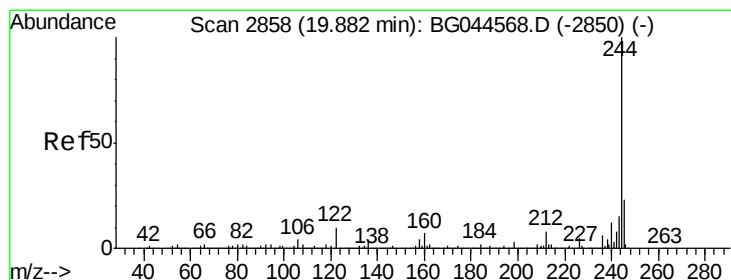
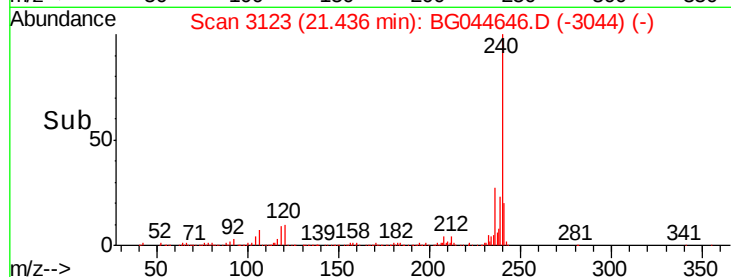
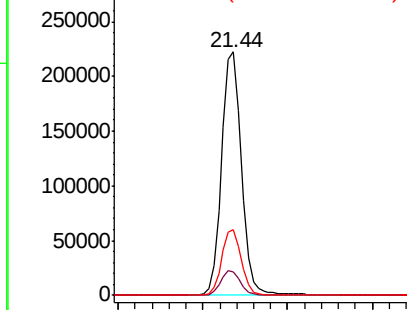
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 364981
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 27.2 22.3 33.5

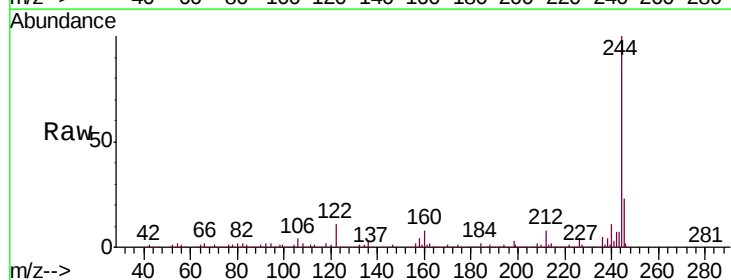


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

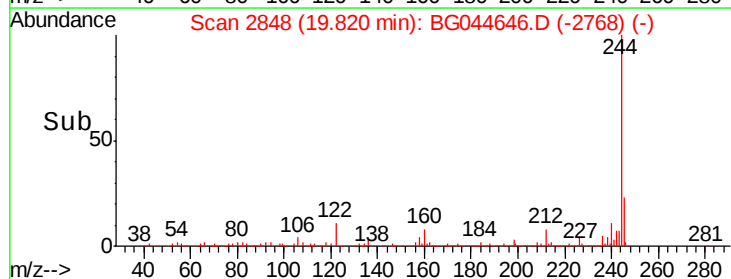
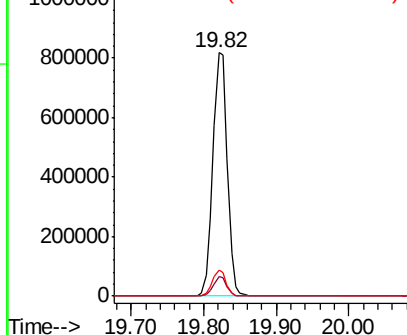


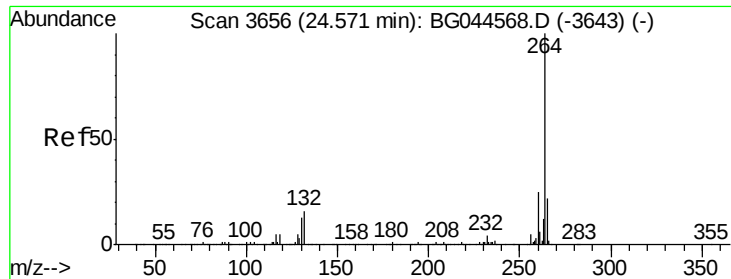
#79
Terphenyl-d14
Concen: 58.891 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044646.D
Acq: 2 Mar 2020 23:45

Tgt Ion:244 Resp: 1135416
Ion Ratio Lower Upper
244 100
212 7.8 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: BG044646.D
Acq: 2 Mar 2020 23:45

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.5	17.8	26.8

