

Data File : BG044653.D
Acq On : 3 Mar 2020 5:41
Operator : CG/JU
Sample : L1699-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Mar 03 08:17:22 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	62388	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	281184	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	193625	20.00	ng	-0.07
64) Phenanthrene-d10	17.20	188	425725	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	382251	20.00	ng	-0.07
87) Perylene-d12	24.45	264	436822	20.00	ng	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	139551	35.89	ng	-0.07
7) Phenol-d6	6.98	99	112232	21.09	ng	-0.07
23) Nitrobenzene-d5	8.96	82	419965	76.95	ng	-0.07
42) 2,4,6-Tribromophenol	15.94	330	210902	76.82	ng	-0.07
45) 2-Fluorobiphenyl	13.08	172	1037039	76.70	ng	-0.06
79) Terphenyl-d14	19.82	244	1345011	66.61	ng	-0.06

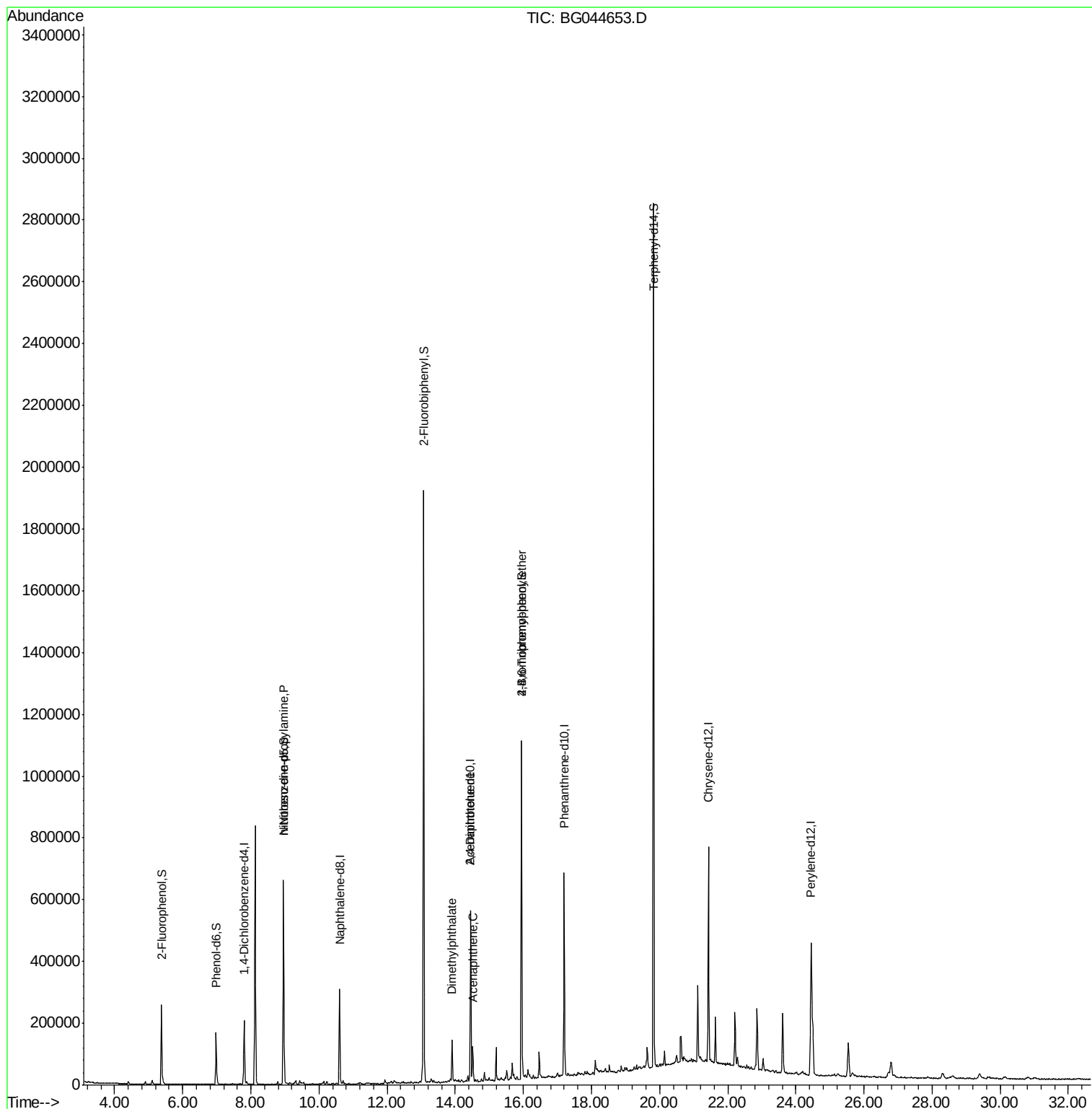
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	8.96	70	54317	15.876	ng	# 77
50) Dimethylphthalate	13.91	163	92431	5.914	ng	99
52) Acenaphthene	14.52	154	43049	3.641	ng	97
57) 2,4-Dinitrotoluene	14.45	165	25747	5.313	ng	# 31
67) 4-Bromophenyl-phenylether	15.94	248	14395	2.724	ng	# 1

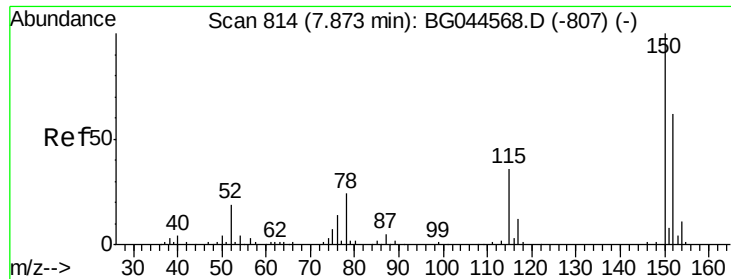
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG044653.D

Acq: 3 Mar 2020 5:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

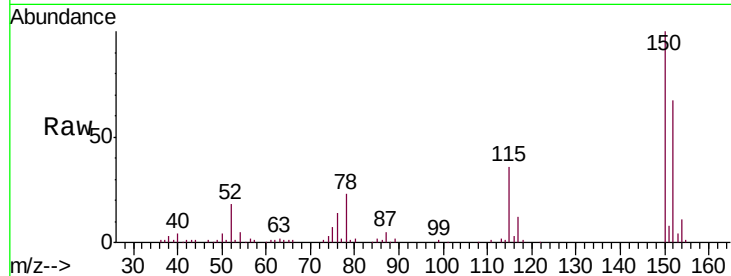
Tgt Ion:152 Resp: 62388

Ion Ratio Lower Upper

152 100

150 149.5 128.9 193.3

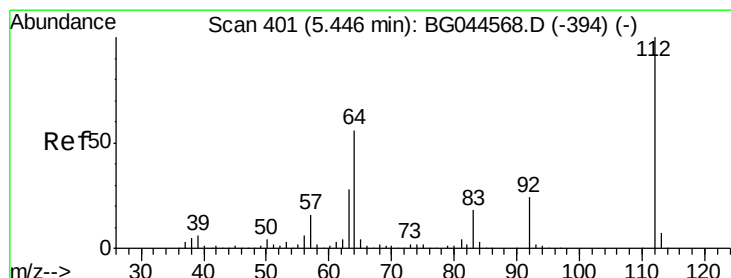
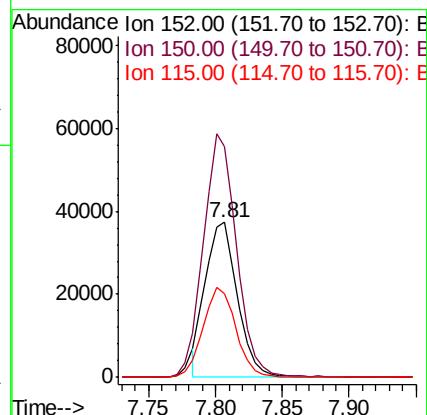
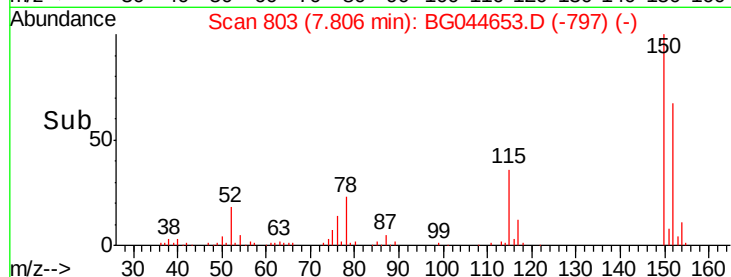
115 54.2 47.0 70.4



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: 35.889 ng

RT: 5.37 min Scan# 389

Delta R.T. -0.07 min

Lab File: BG044653.D

Acq: 3 Mar 2020 5:41

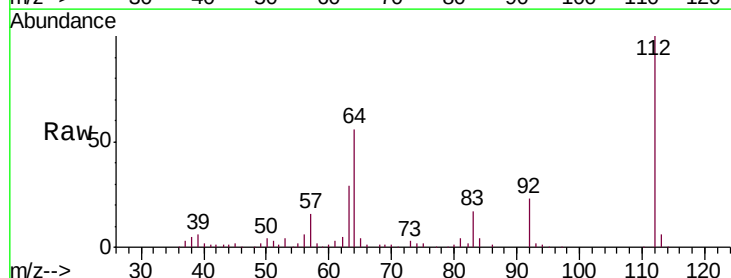
Tgt Ion:112 Resp: 139551

Ion Ratio Lower Upper

112 100

64 55.9 44.8 67.2

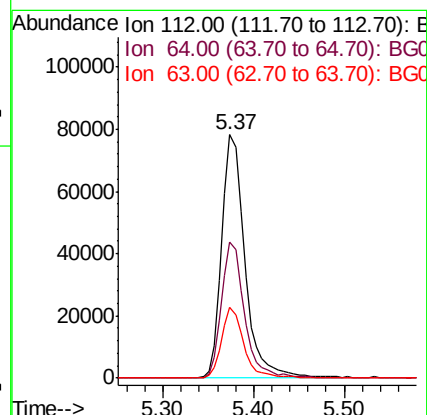
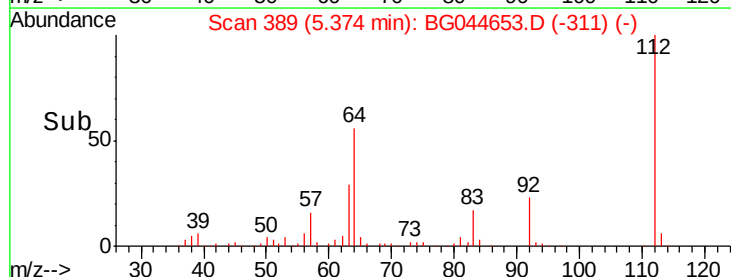
63 29.1 22.3 33.5

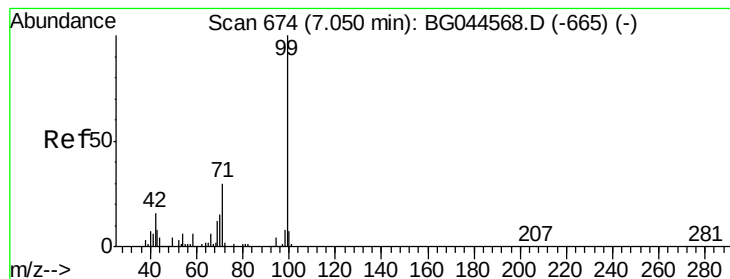


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 21.086 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044653.D

Acq: 3 Mar 2020 5:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

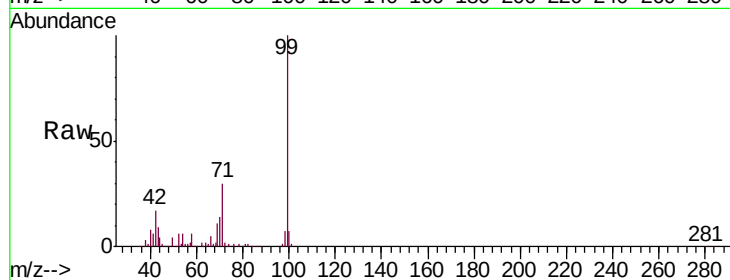
Tgt Ion: 99 Resp: 112232

Ion Ratio Lower Upper

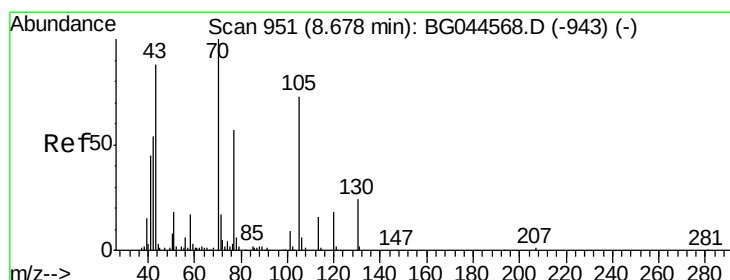
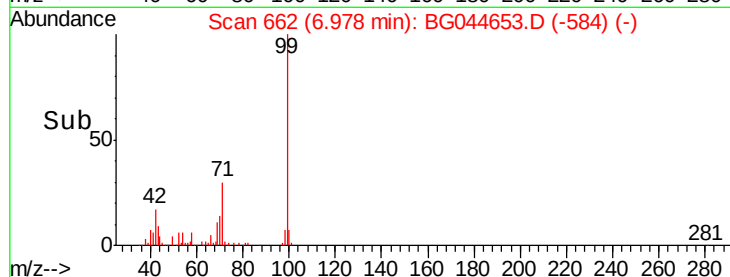
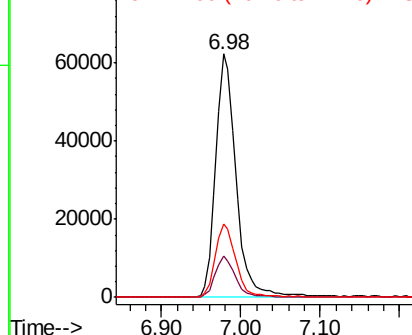
99 100

42 16.9 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: 15.876 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044653.D

Acq: 3 Mar 2020 5:41

Tgt Ion: 70 Resp: 54317

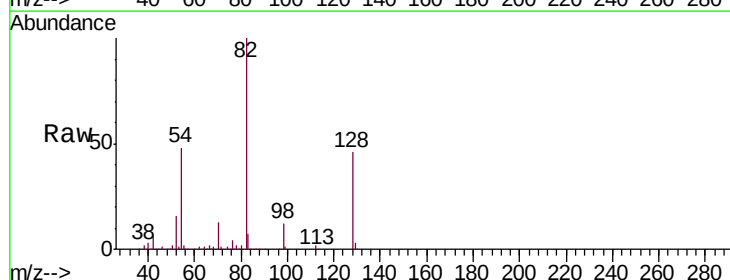
Ion Ratio Lower Upper

70 100

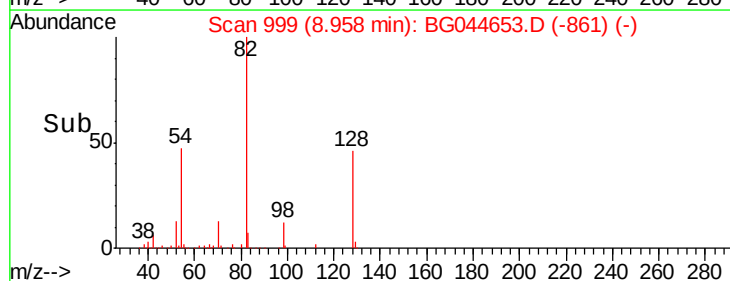
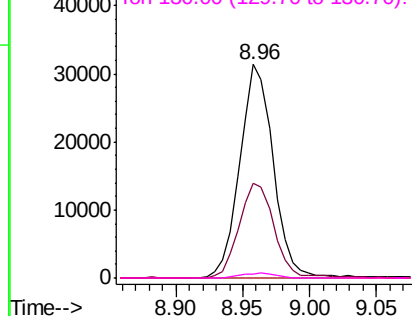
42 44.1 43.4 65.0

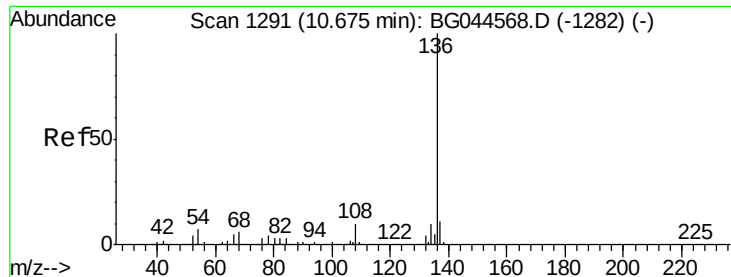
101 0.0 7.5 11.3#

130 2.0 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

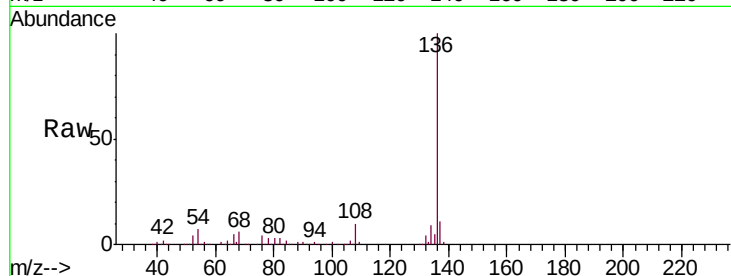




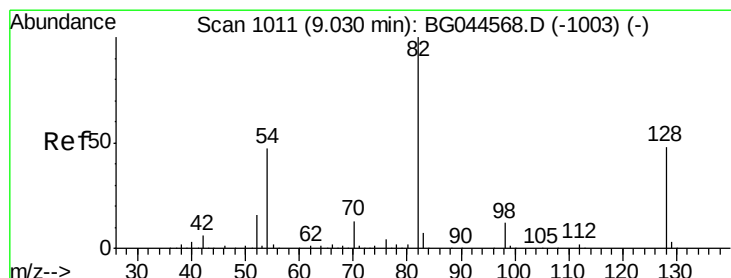
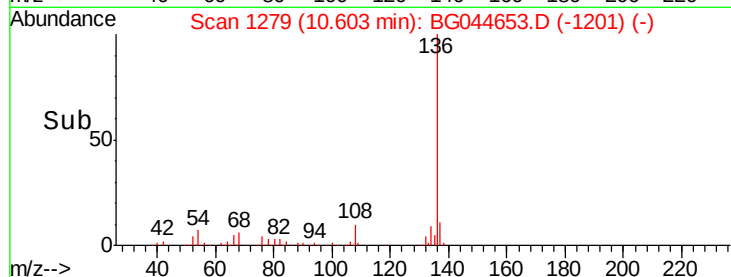
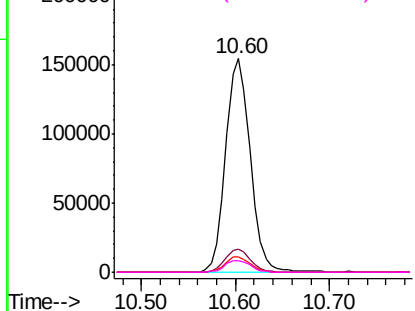
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044653.D
Acq: 3 Mar 2020 5:41

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	281184
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.7	8.5
68	5.6	4.5	6.7

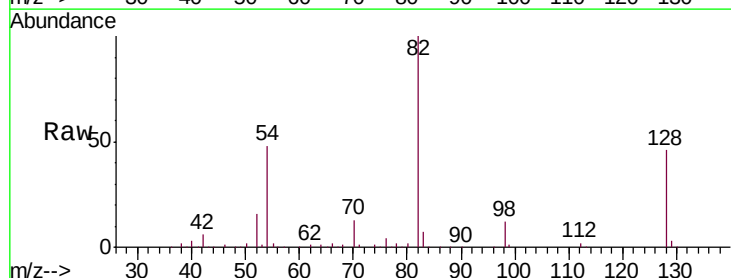


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

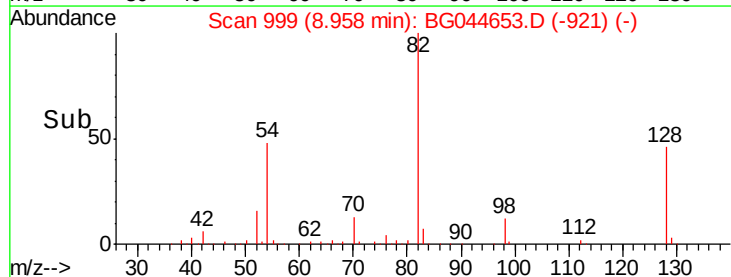
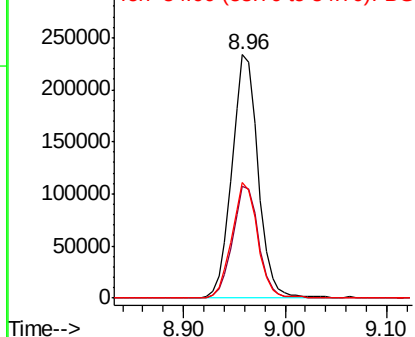


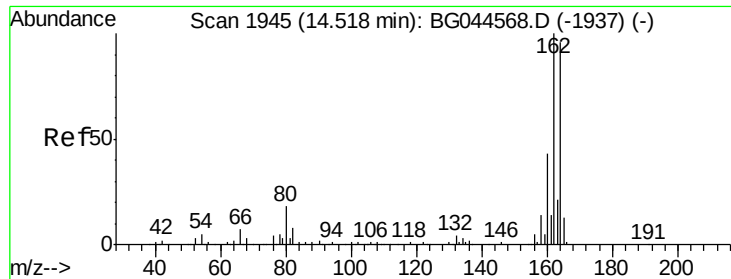
#23
Nitrobenzene-d5
Concen: 76.946 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044653.D
Acq: 3 Mar 2020 5:41

Tgt Ion:	82	Resp:	419965
Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.1	57.1
54	47.7	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: BG044653.D

Acq: 3 Mar 2020 5:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

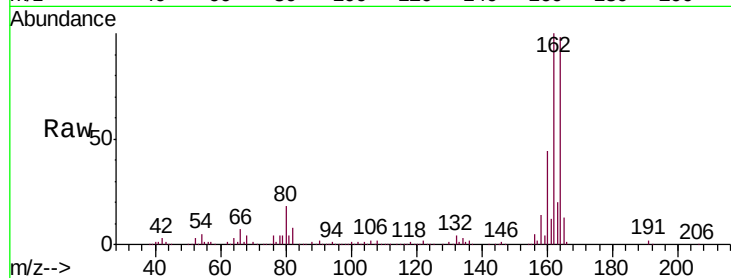
Tgt Ion:164 Resp: 193625

Ion Ratio Lower Upper

164 100

162 102.4 83.6 125.4

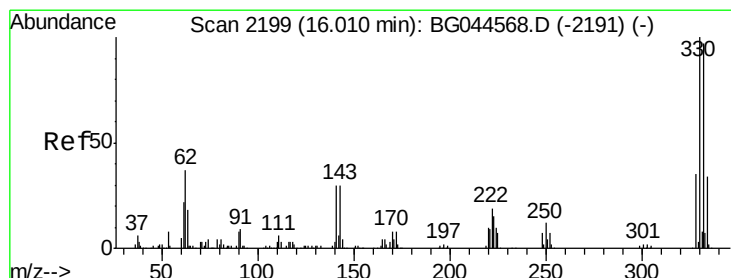
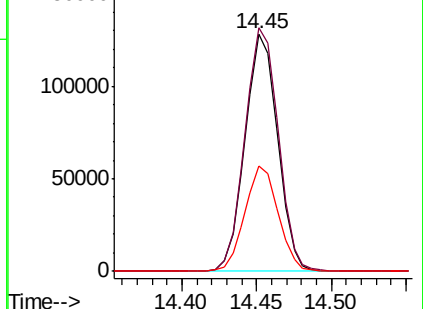
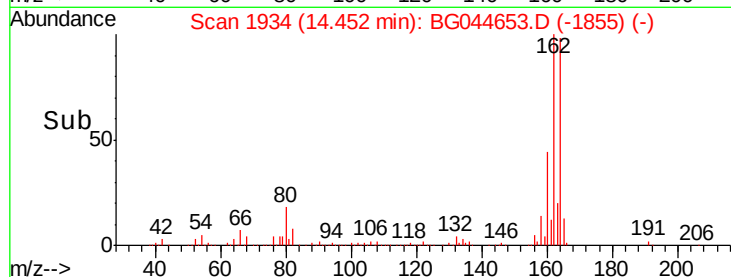
160 44.6 36.2 54.4



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: 76.819 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.07 min

Lab File: BG044653.D

Acq: 3 Mar 2020 5:41

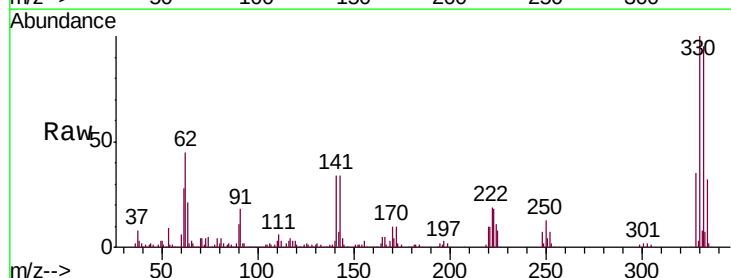
Tgt Ion:330 Resp: 210902

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

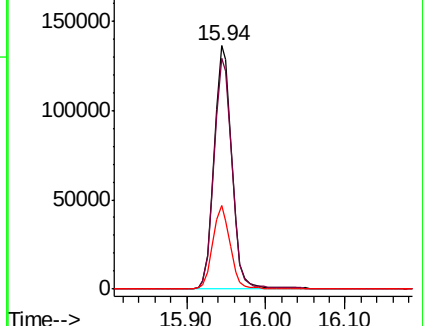
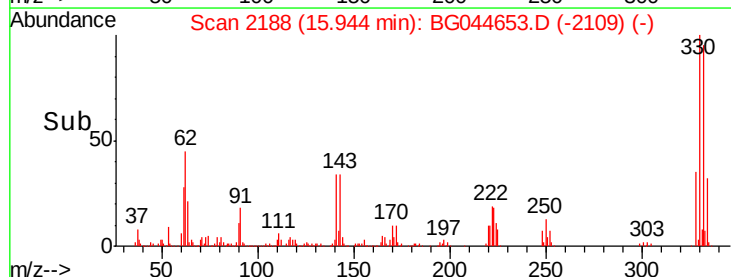
141 34.1 26.1 39.1

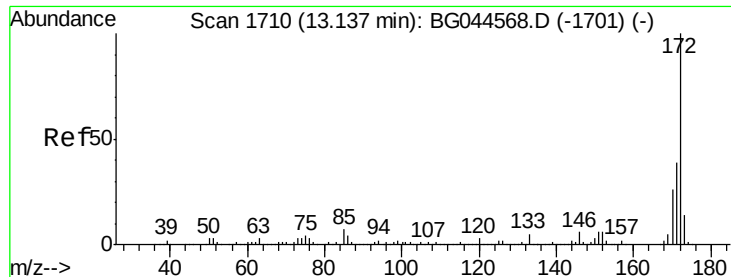


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

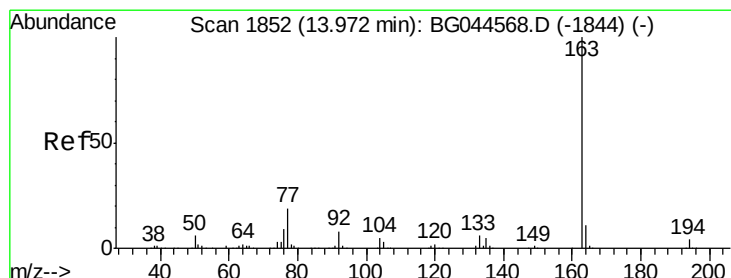
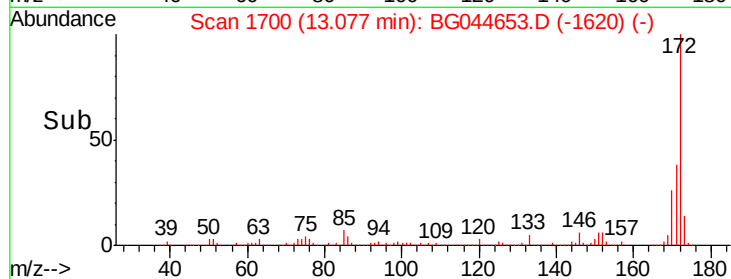
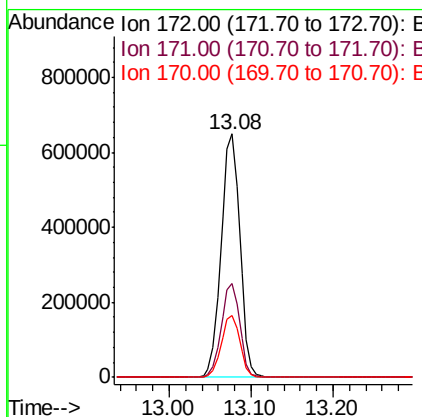
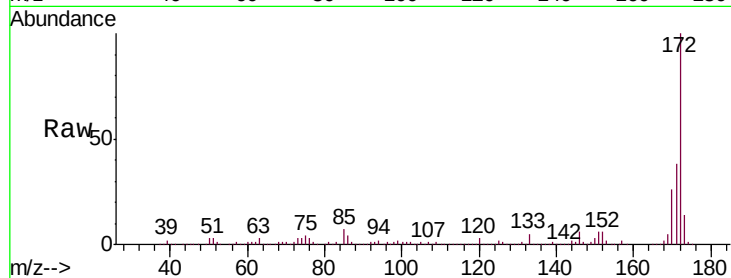




#45
 2-Fluorobiphenyl
 Concen: 76.696 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044653.D
 Acq: 3 Mar 2020 5:41

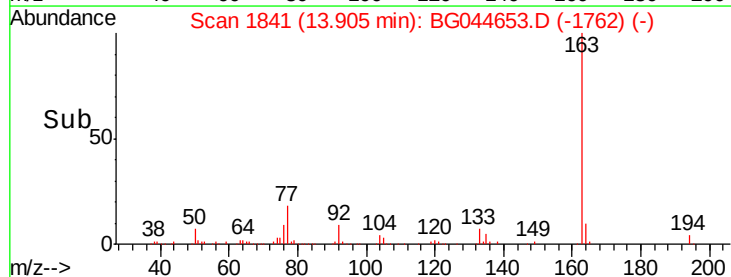
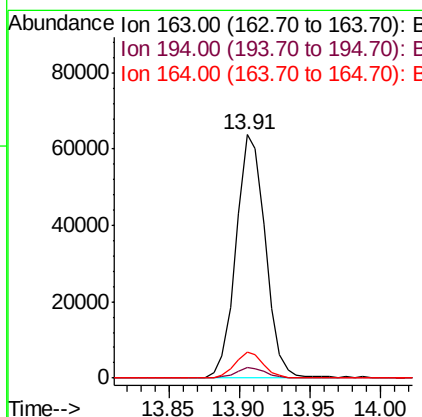
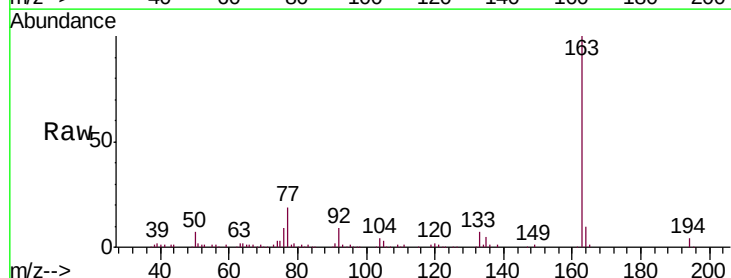
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

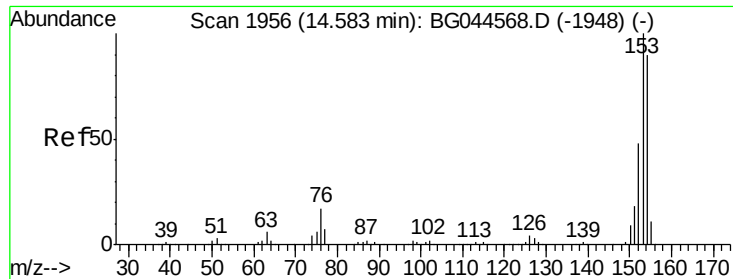
Tgt Ion:172 Resp: 1037039
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.6 21.0 31.4



#50
 Dimethylphthalate
 Concen: 5.914 ng
 RT: 13.91 min Scan# 1841
 Delta R.T. -0.07 min
 Lab File: BG044653.D
 Acq: 3 Mar 2020 5:41

Tgt Ion:163 Resp: 92431
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.0
 164 10.5 8.7 13.1





#52

Acenaphthene

Concen: 3.641 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.07 min

Lab File: BG044653.D

Acq: 3 Mar 2020 5:41

Instrument :

BNA_G

ClientSampleId :

DFTPP

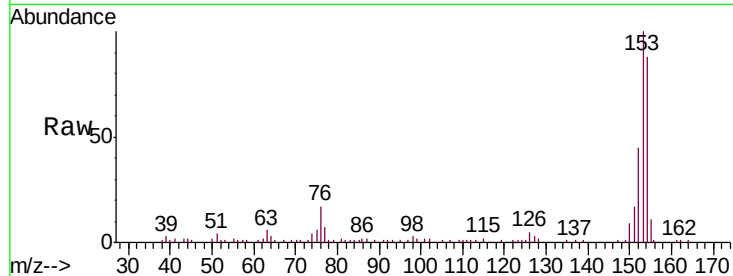
Tgt Ion:154 Resp: 43049

Ion Ratio Lower Upper

154 100

153 113.9 89.4 134.0

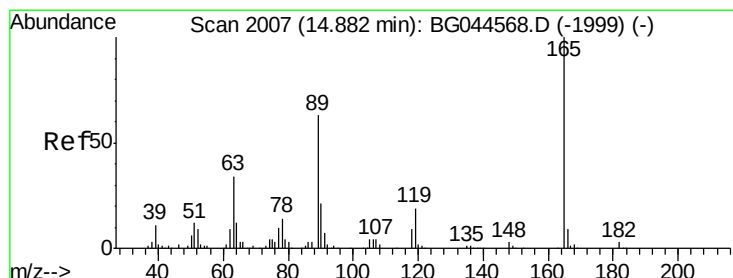
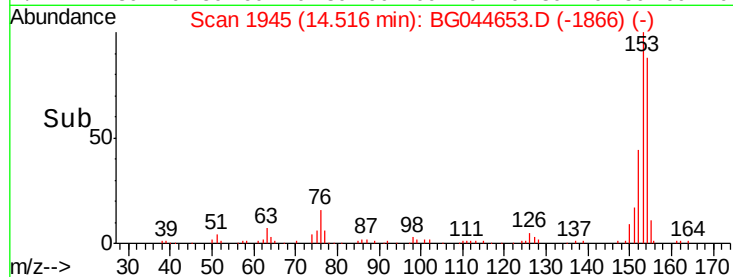
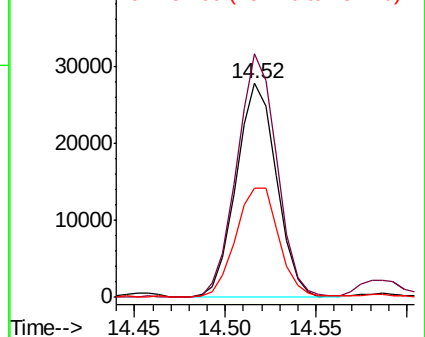
152 50.9 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.313 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.43 min

Lab File: BG044653.D

Acq: 3 Mar 2020 5:41

Tgt Ion:165 Resp: 25747

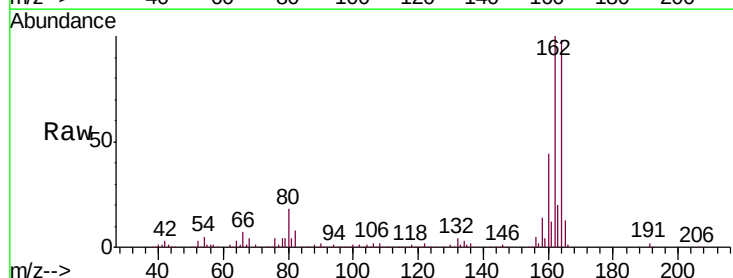
Ion Ratio Lower Upper

165 100

63 1.6 27.5 41.3#

89 1.3 50.0 75.0#

182 0.0 2.3 3.5#

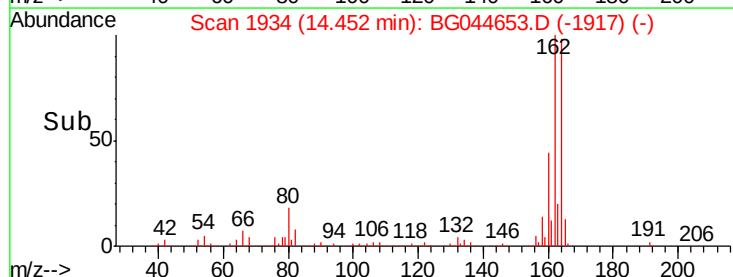
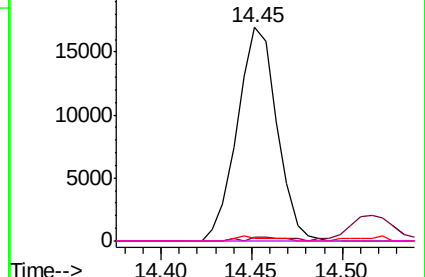


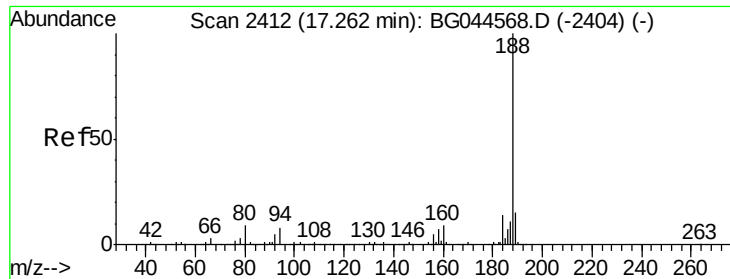
Abundance Ion 165.00 (164.70 to 165.70): E

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

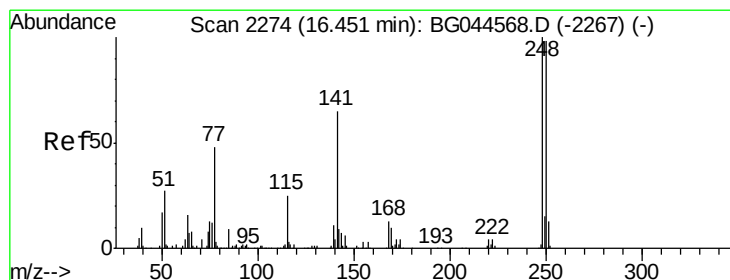
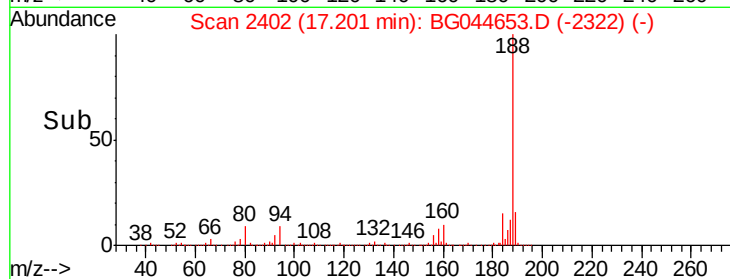
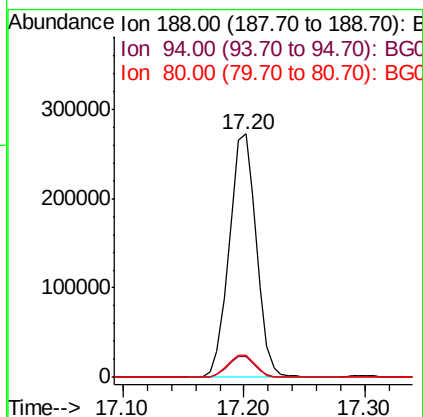
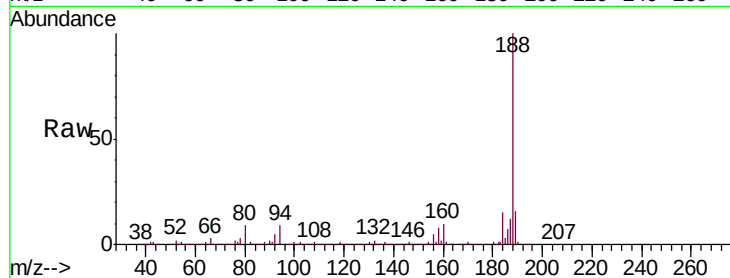




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044653.D
 Acq: 3 Mar 2020 5:41

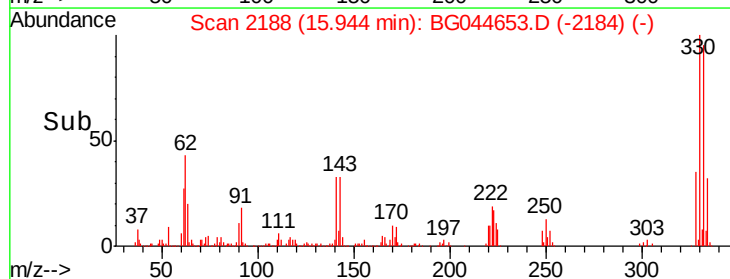
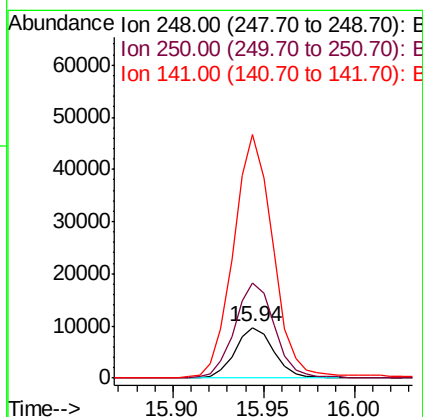
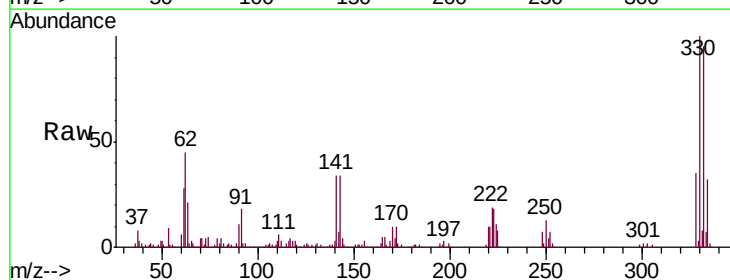
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

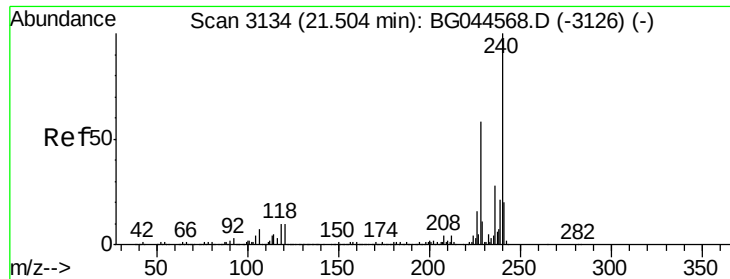
Tgt Ion:188 Resp: 425725
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.7 10.1
 80 9.0 7.6 11.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.724 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.51 min
 Lab File: BG044653.D
 Acq: 3 Mar 2020 5:41

Tgt Ion:248 Resp: 14395
 Ion Ratio Lower Upper
 248 100
 250 186.9 78.7 118.1#
 141 479.5 52.3 78.5#

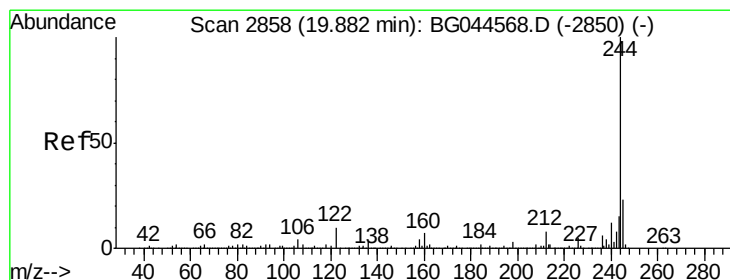
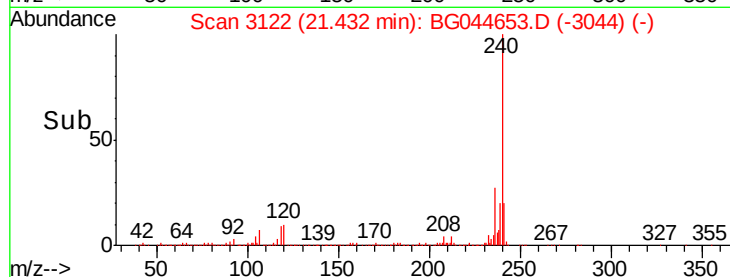
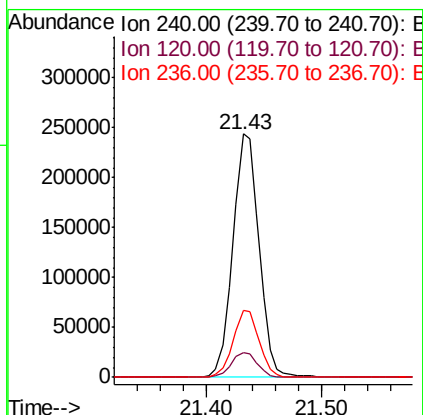
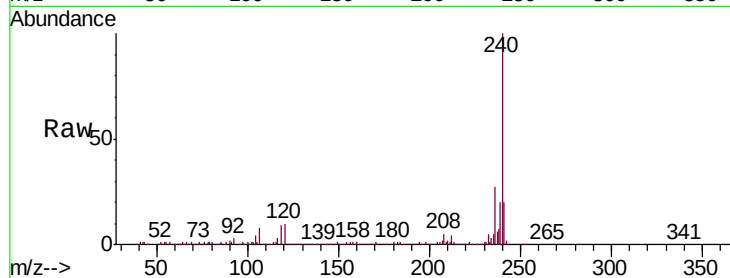




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044653.D
Acq: 3 Mar 2020 5:41

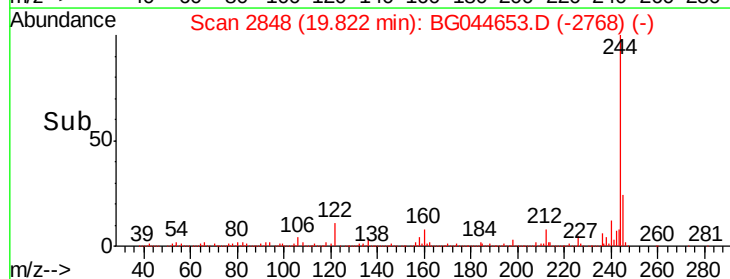
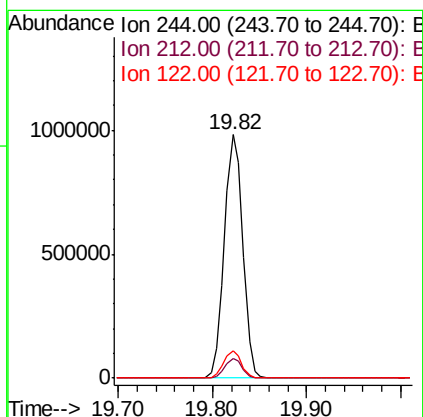
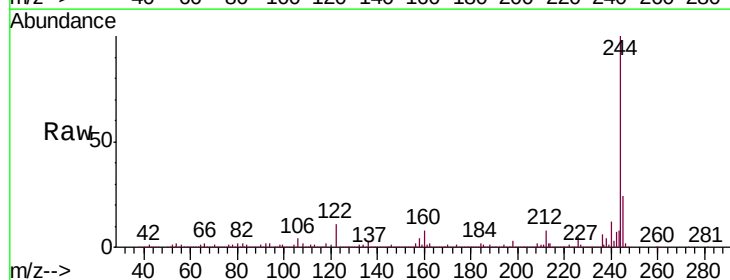
Instrument :
BNA_G
ClientSampleId :
DFTPP

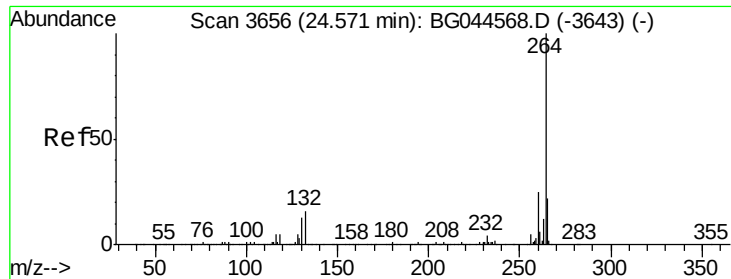
Tgt Ion:240 Resp: 382251
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 27.4 22.3 33.5



#79
Terphenyl-d14
Concen: 66.611 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044653.D
Acq: 3 Mar 2020 5:41

Tgt Ion:244 Resp: 1345011
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.1 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: BG044653.D
Acq: 3 Mar 2020 5:41

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 436822
Ion Ratio Lower Upper
264 100
260 24.0 19.7 29.5
265 22.2 17.8 26.8

