

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045698.D
 Acq On : 10 Jun 2020 19:16
 Operator : CG/JU
 Sample : L2950-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 11 00:44:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

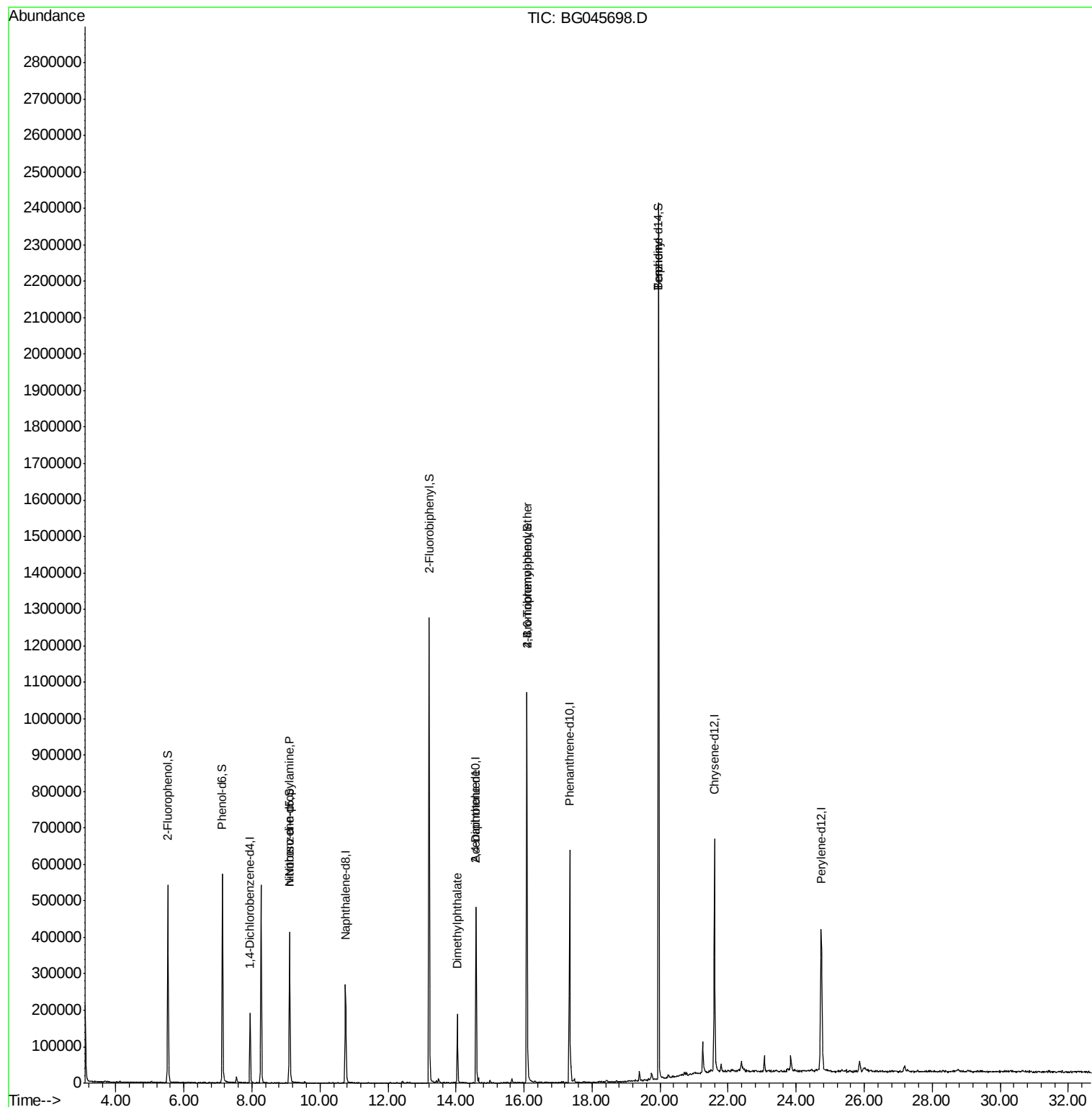
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57860	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	243276	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	185287	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	444102	20.00	ng	0.00
76) Chrysene-d12	21.59	240	407210	20.00	ng	0.00
87) Perylene-d12	24.73	264	439751	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	261854	88.44	ng	0.00
7) Phenol-d6	7.13	99	387469	91.95	ng	-0.02
23) Nitrobenzene-d5	9.10	82	288949	64.77	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	227183	95.87	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	710073	65.00	ng	0.00
79) Terphenyl-d14	19.95	244	1221081	69.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	40667	13.956	ng	Qvalue # 84
50) Dimethylphthalate	14.04	163	131638	10.357	ng	98
57) 2,4-Dinitrotoluene	14.59	165	23963	5.769	ng	# 21
67) 4-Bromophenyl-phenylether	16.08	248	14512	3.018	ng	# 1
77) Benzidine	19.95	184	23330	2.040	ng	# 89

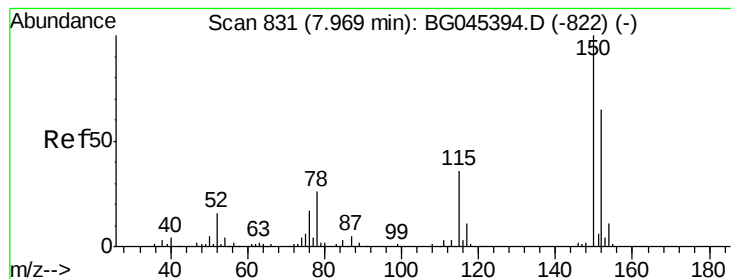
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 15:07:00 2020
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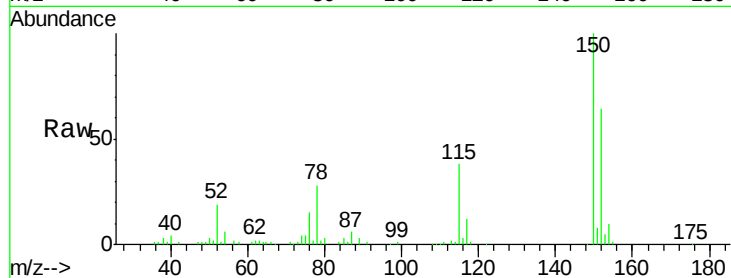


#1

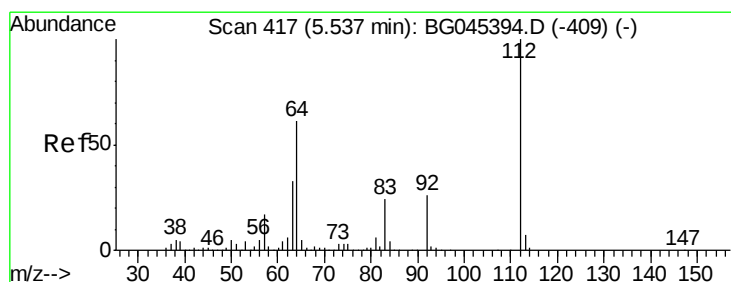
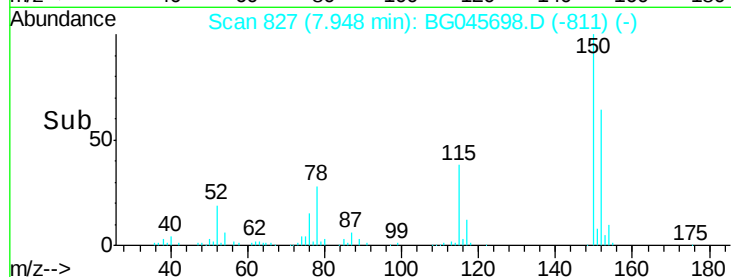
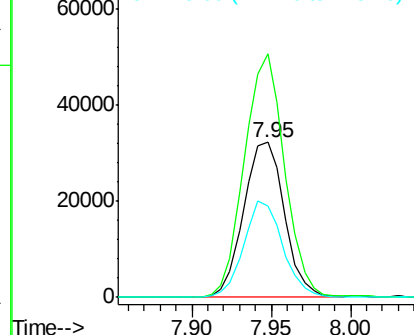
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57860
Ion Ratio Lower Upper
152 100
150 157.1 122.4 183.6
115 59.2 44.2 66.4



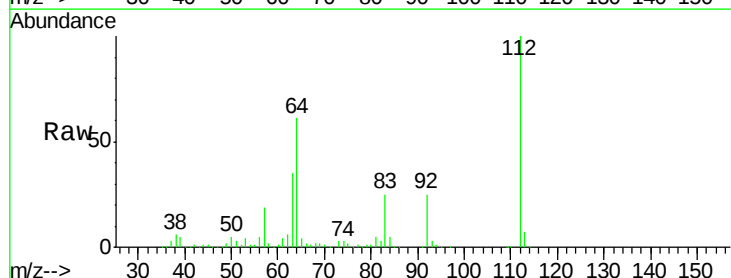
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



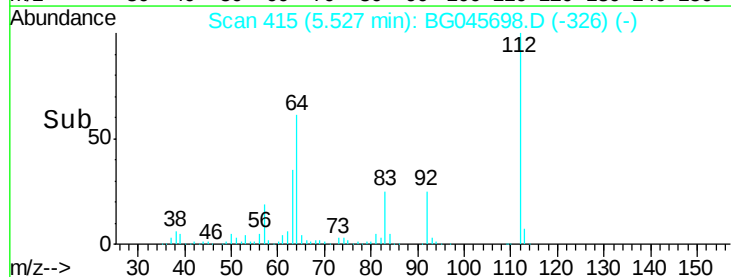
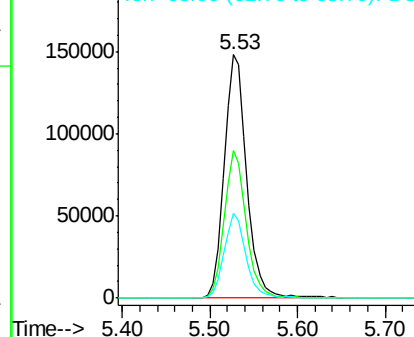
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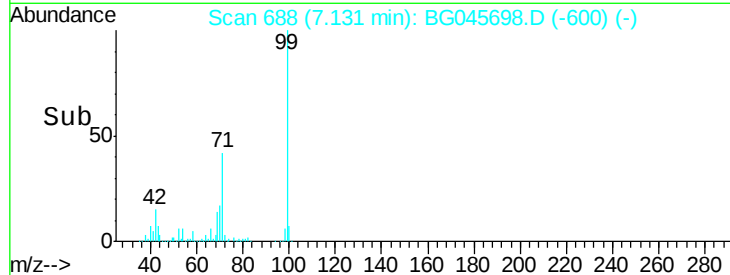
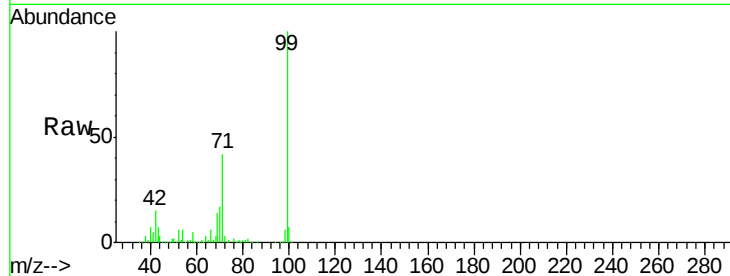
2-Fluorophenol
Concen: 88.445 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Tgt Ion:112 Resp: 261854
Ion Ratio Lower Upper
112 100
64 60.8 48.6 72.8
63 34.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 91.950 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampled :

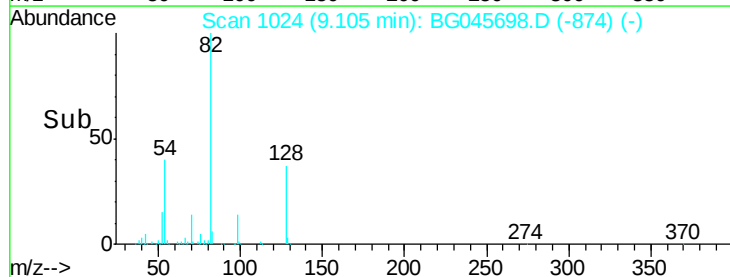
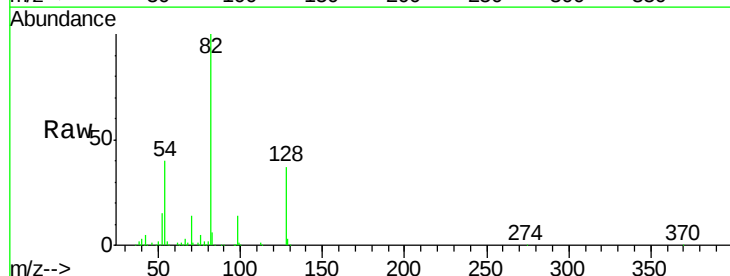
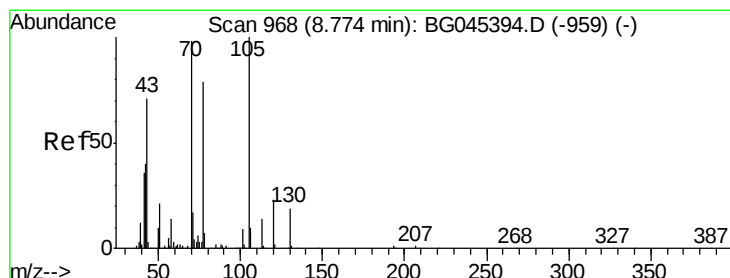
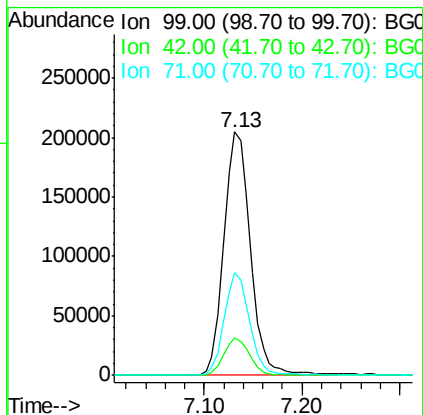
Tot Ion: 99 Resp: 387469

Ion Ratio Lower Upper

99 100

42 15.5 11.3 16.9

71 42.1 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.956 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Tgt Ion: 70 Resp: 40667

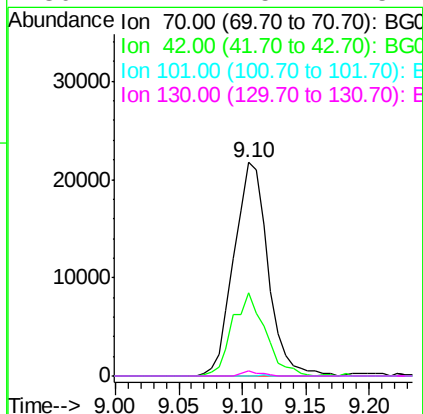
Ion Ratio Lower Upper

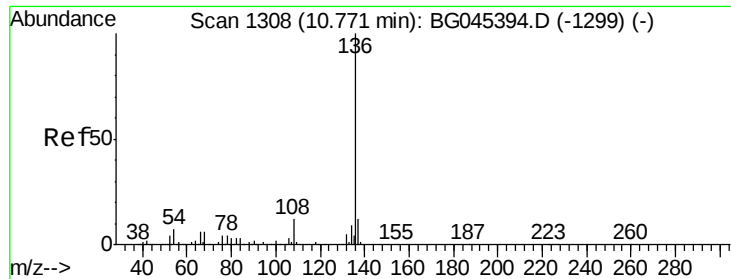
70 100

42 39.1 33.2 49.8

101 0.0 7.8 11.6#

130 2.7 15.4 23.2#

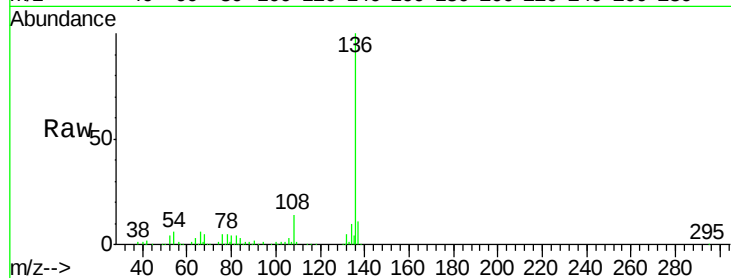




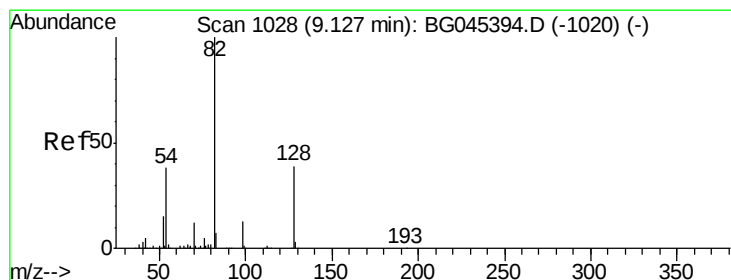
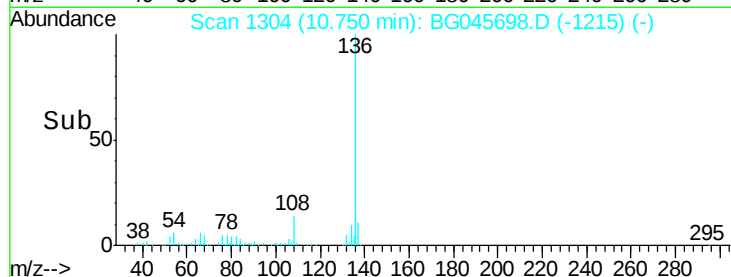
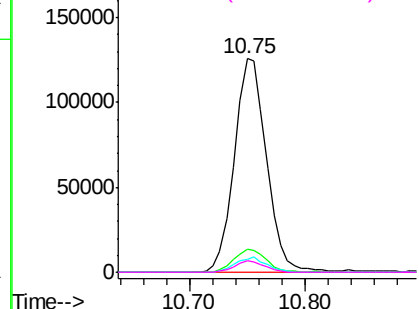
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	243276
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.4	14.2
54 5.9	5.8	8.6
68 5.3	4.5	6.7

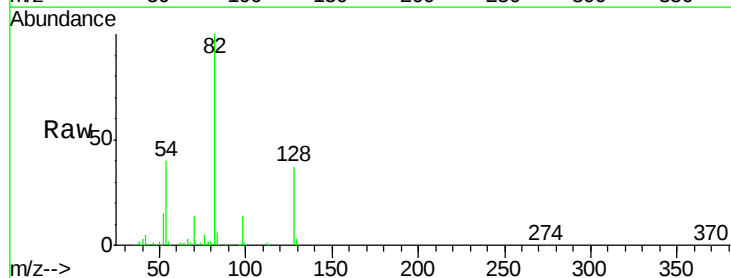


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

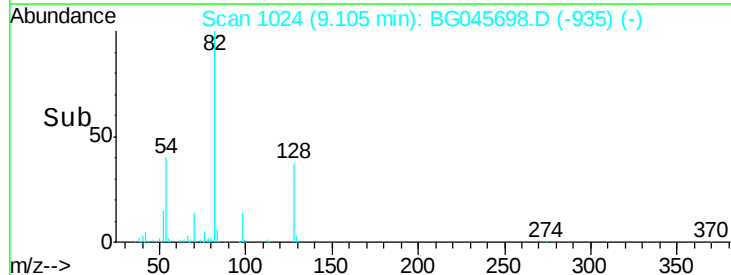
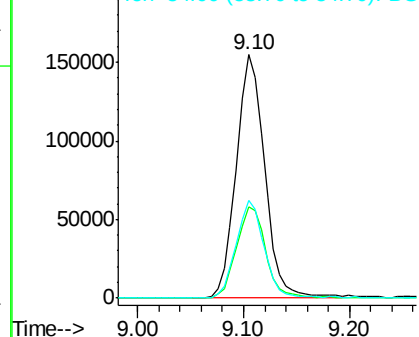


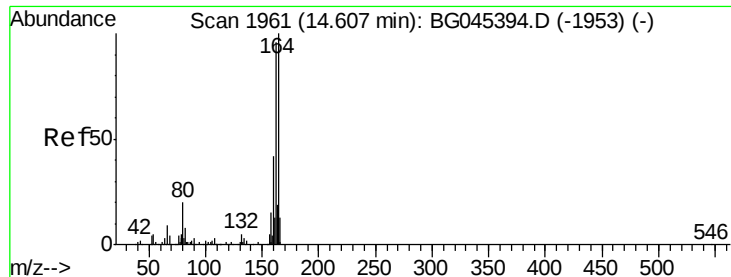
#23
Nitrobenzene-d5
Concen: 64.769 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Tgt Ion: 82	Resp: 288949
Ion Ratio	Lower Upper
82 100	
128 37.4	30.9 46.3
54 40.1	30.3 45.5



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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

Instrument :

BNA_G

ClientSampleId :

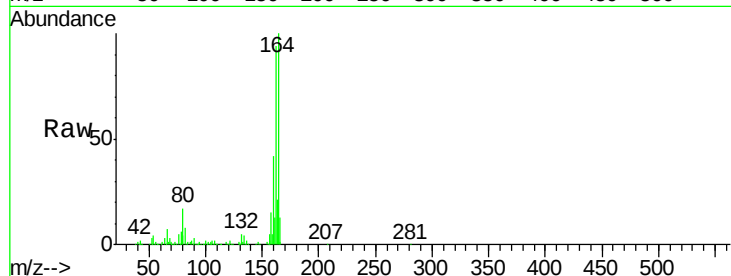
Tot Ion:164 Resp: 185287

Ion Ratio Lower Upper

164 100

162 94.2 76.9 115.3

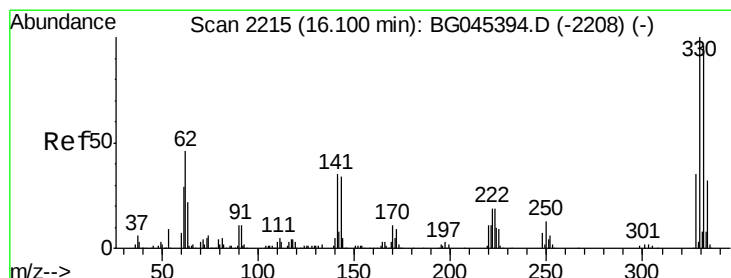
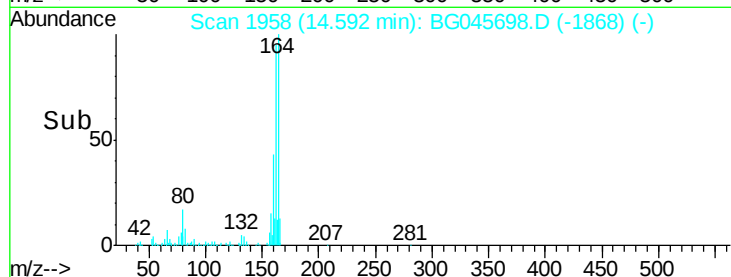
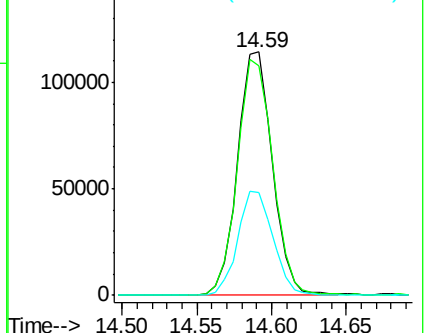
160 42.3 33.8 50.8



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: 95.874 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045698.D

Acq: 10 Jun 2020 19:16

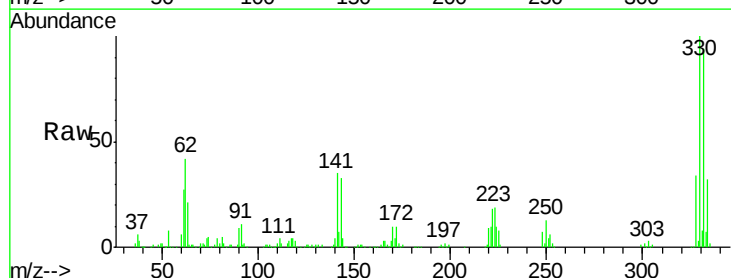
Tgt Ion:330 Resp: 227183

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

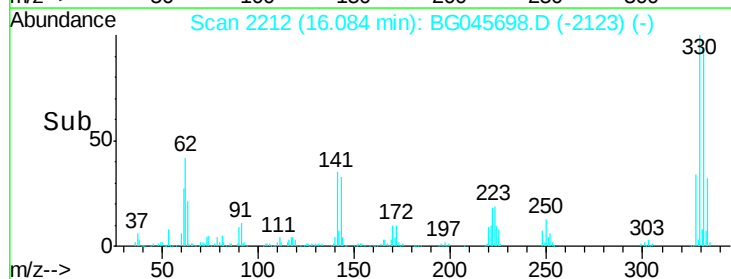
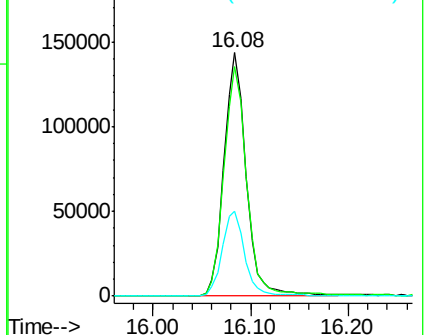
141 35.5 28.2 42.4

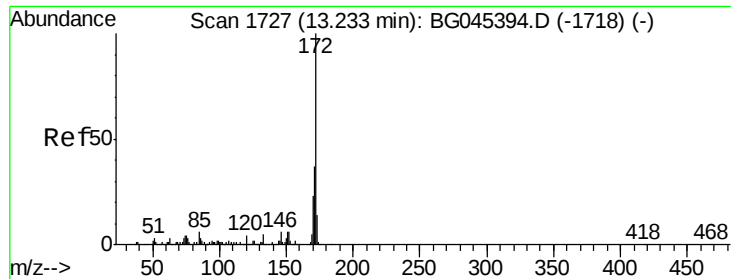


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

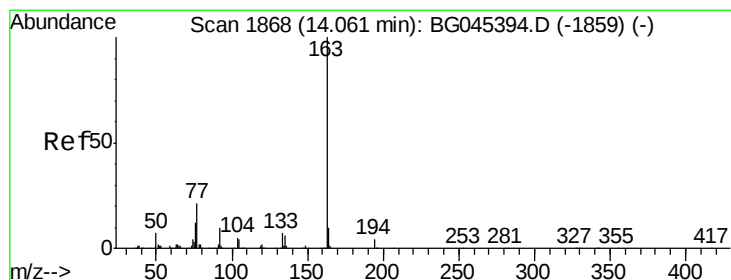
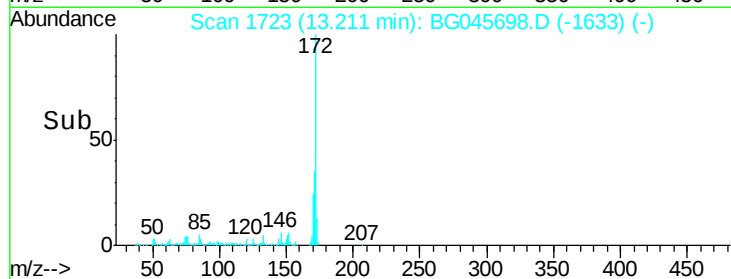
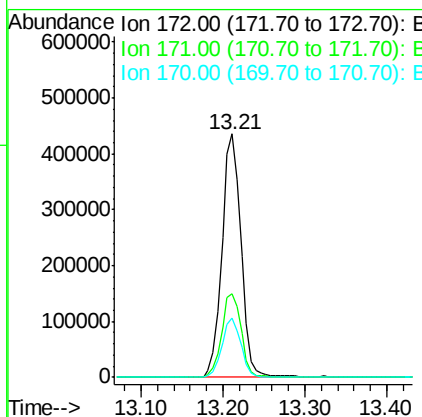
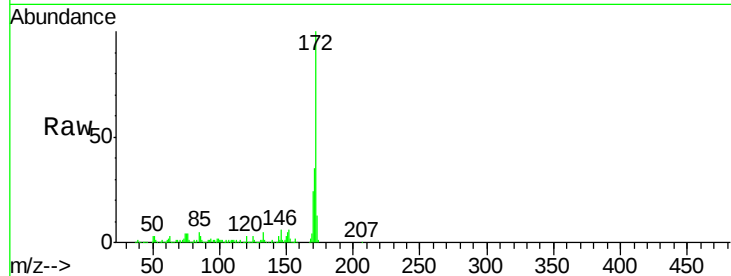




#45
2-Fluorobiphenyl
Concen: 65.004 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

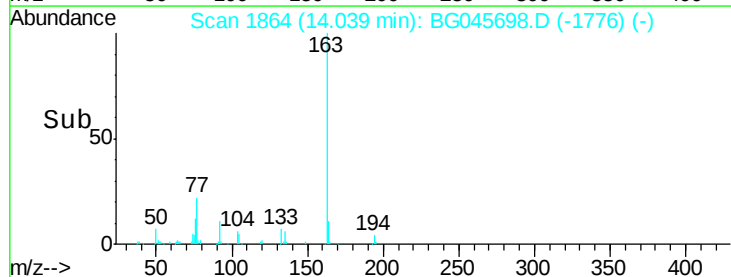
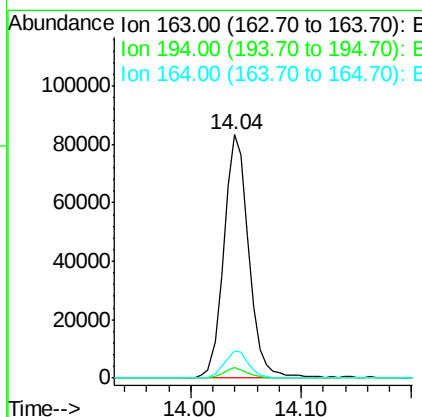
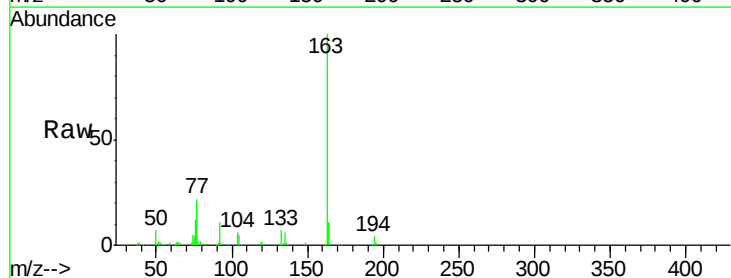
Instrument :
BNA_G
ClientSampleId :

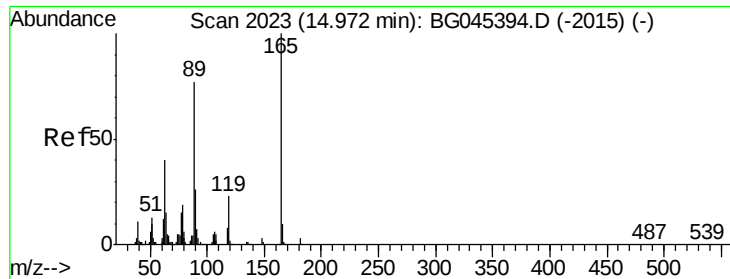
Tot Ion:172 Resp: 710073
Ion Ratio Lower Upper
172 100
171 34.5 29.5 44.3
170 24.2 18.5 27.7



#50
Dimethylphthalate
Concen: 10.357 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Tgt Ion:163 Resp: 131638
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 11.2 8.3 12.5

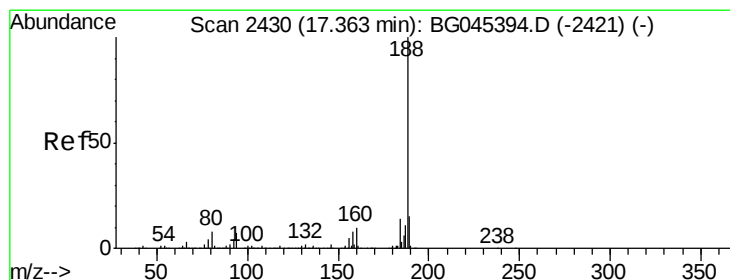
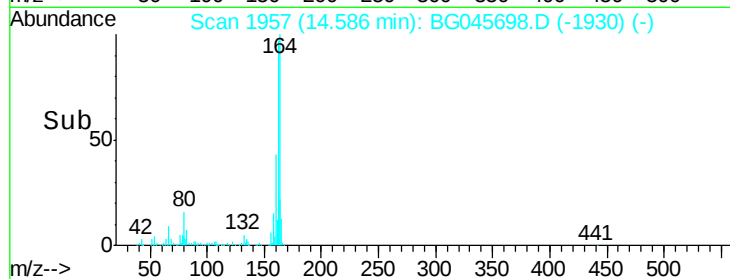
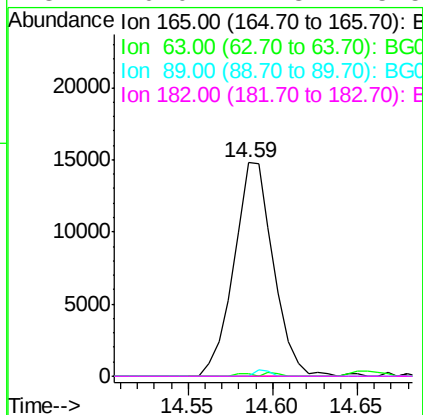
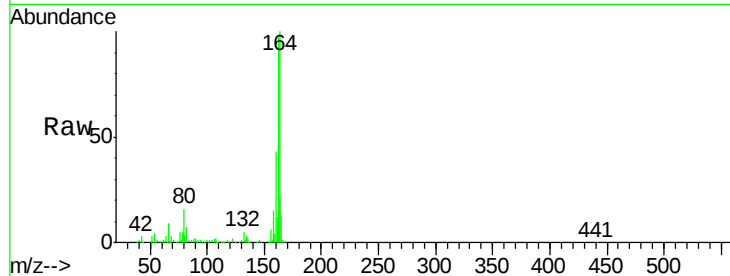




#57
 2,4-Dinitrotoluene
 Concen: 5.769 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.37 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

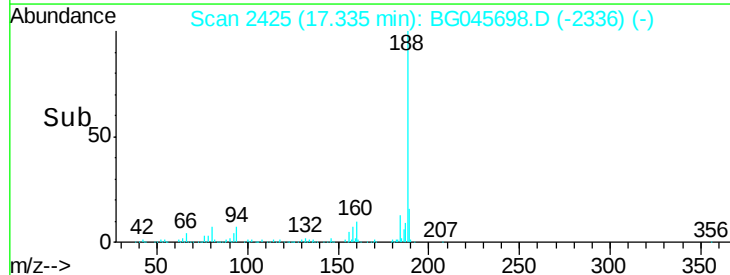
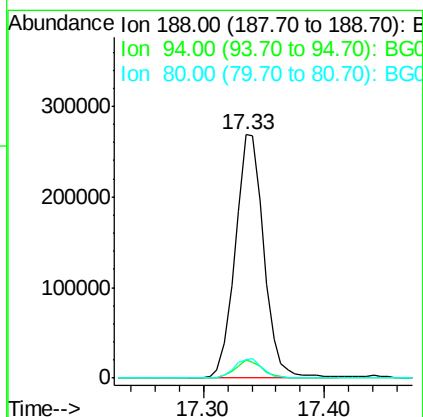
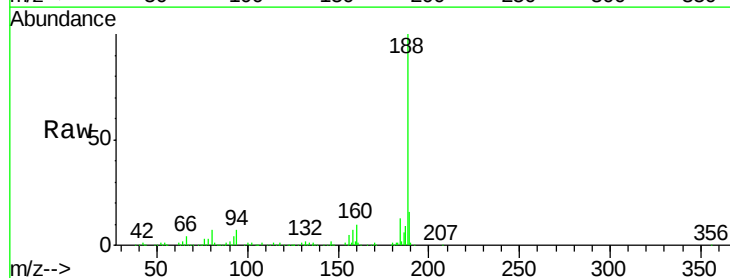
Instrument :
 BNA_G
 ClientSampleId :

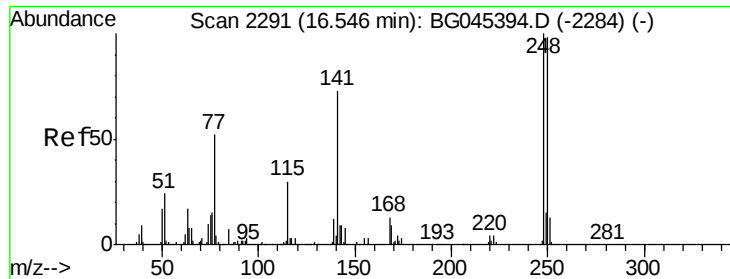
Tot Ion:165 Resp: 23963
 Ion Ratio Lower Upper
 165 100
 63 1.2 32.5 48.7#
 89 0.0 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

Tgt Ion:188 Resp: 444102
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.5 8.3
 80 7.4 6.6 10.0

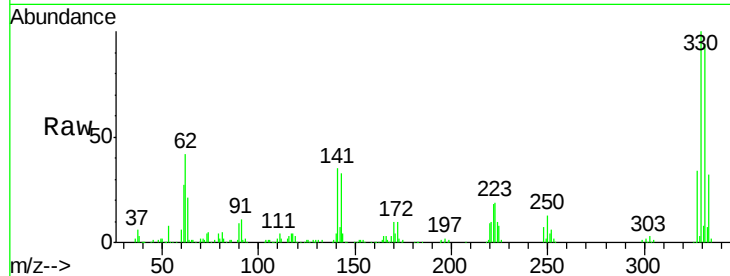




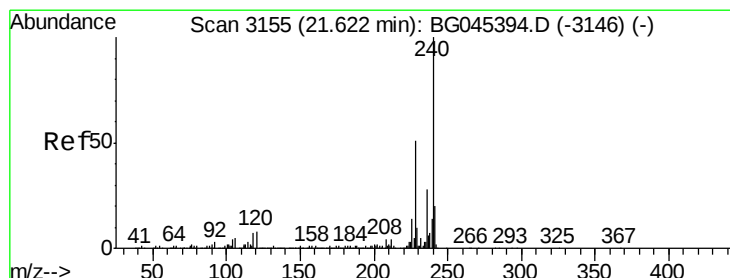
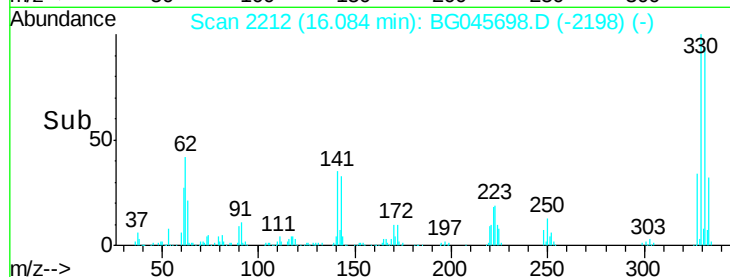
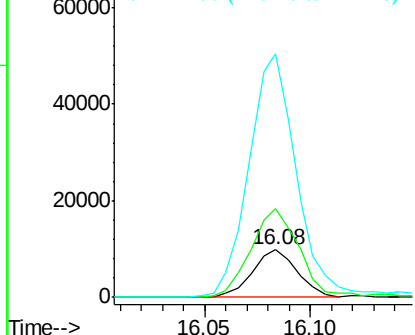
#67
 4-Bromophenyl-phenylether
 Concen: 3.018 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14512
 Ion Ratio Lower Upper
 248 100
 250 187.9 78.6 117.8#
 141 514.1 58.2 87.2#

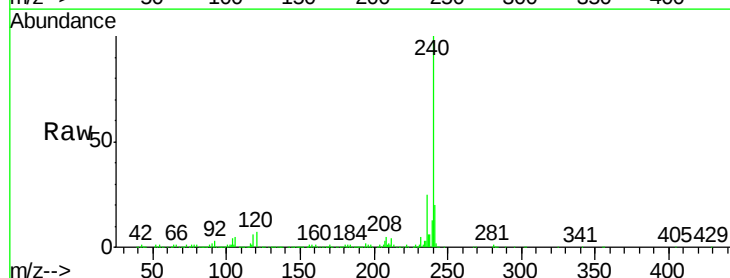


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

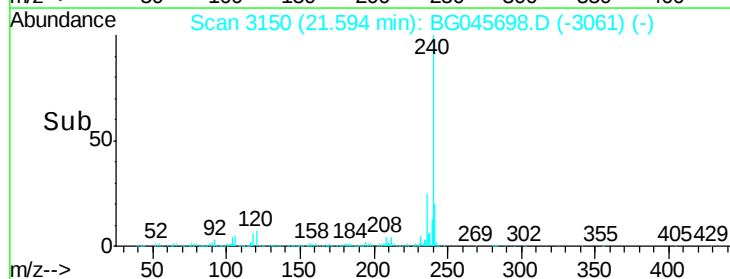
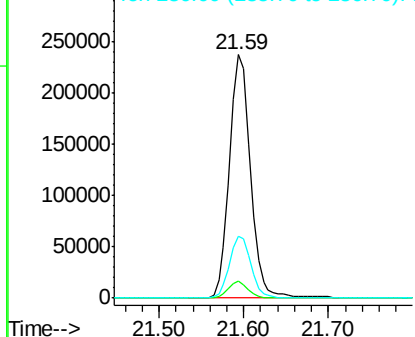


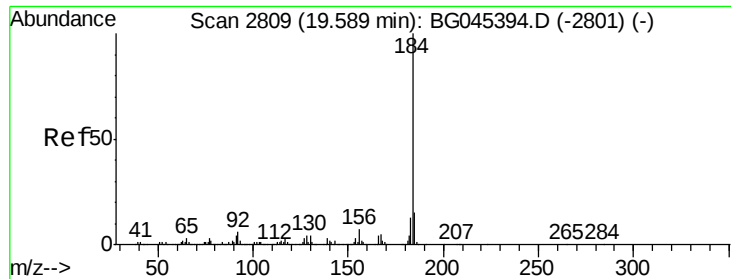
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.59 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG045698.D
 Acq: 10 Jun 2020 19:16

Tgt Ion:240 Resp: 407210
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 25.2 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

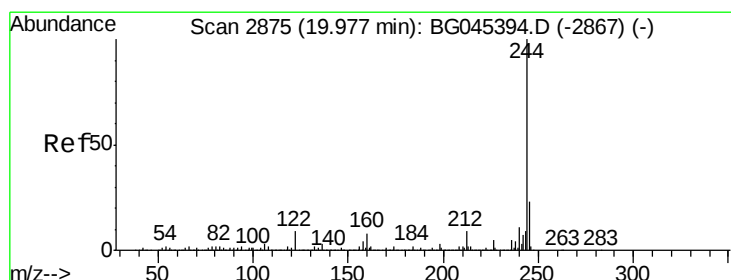
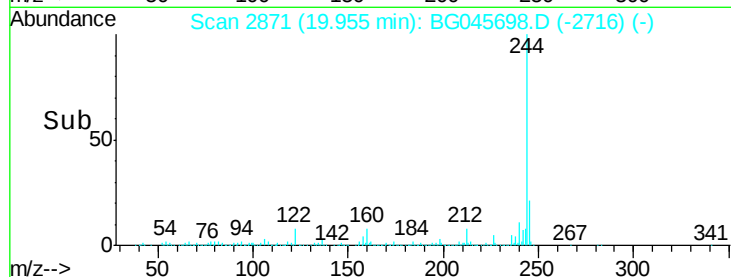
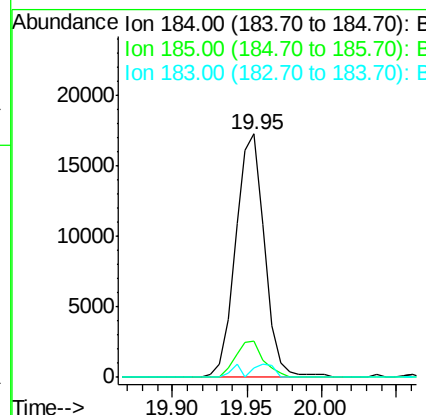
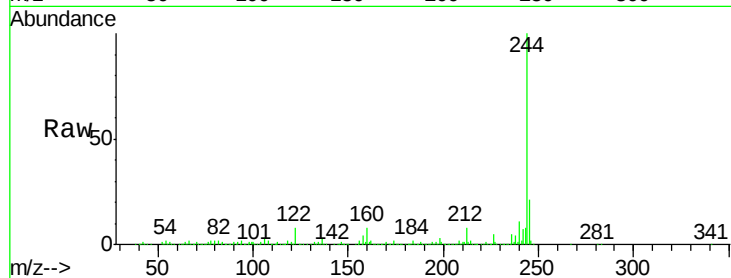




#77
Benzidine
Concen: 2.040 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

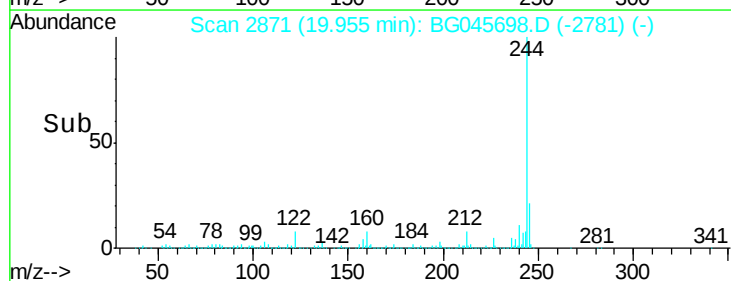
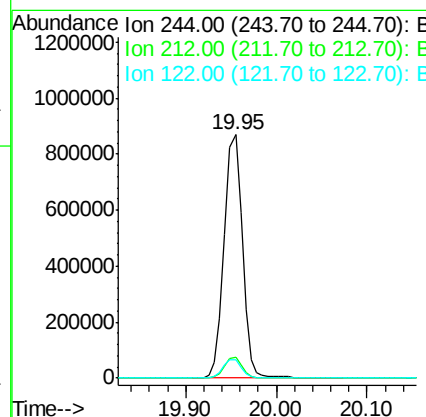
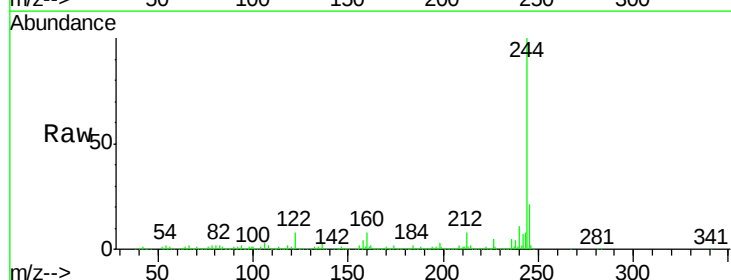
Instrument :
BNA_G
ClientSampleId :

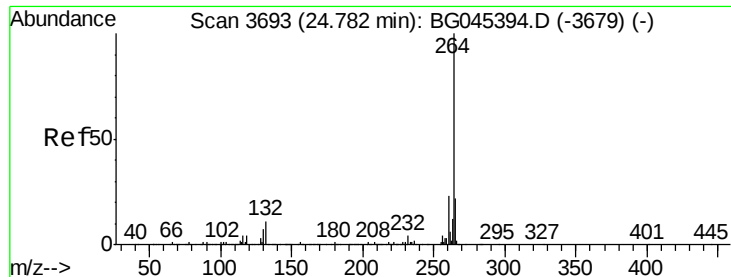
Tot Ion:184 Resp: 23330
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 4.1 10.2 15.4#



#79
Terphenyl-d14
Concen: 69.938 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Tgt Ion:244 Resp: 1221081
Ion Ratio Lower Upper
244 100
212 8.4 7.4 11.0
122 7.5 6.8 10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG045698.D
Acq: 10 Jun 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.4	17.6	26.4

