

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045448.D
 Acq On : 21 May 2020 20:22
 Operator : CG/JU
 Sample : L2728-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 22 00:59:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

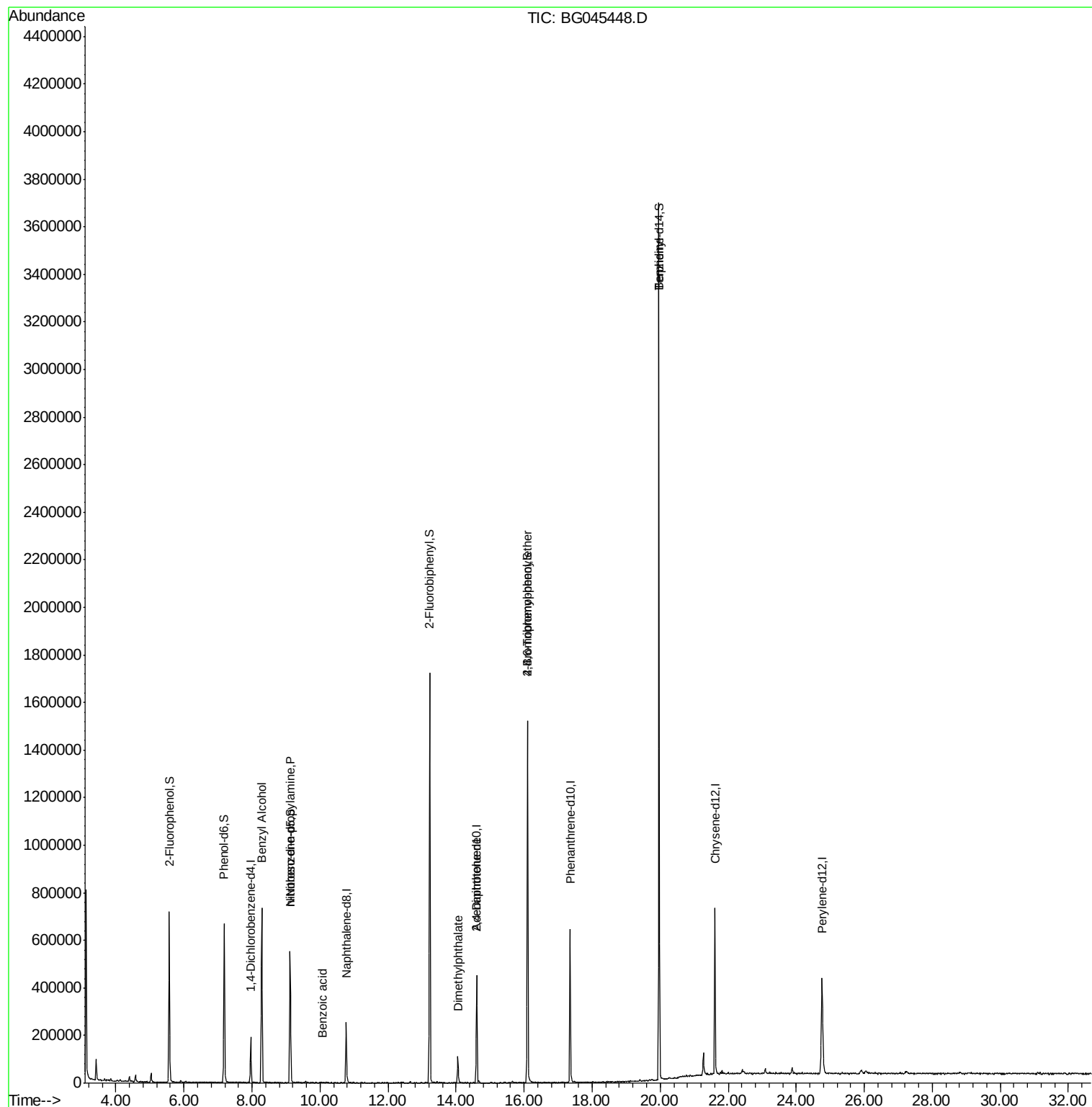
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	59086	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	234331	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174943	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	432195	20.00	ng	0.00
76) Chrysene-d12	21.61	240	440348	20.00	ng	0.00
87) Perylene-d12	24.76	264	463763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	350373	115.89	ng	0.00
7) Phenol-d6	7.18	99	455420	105.83	ng	0.00
23) Nitrobenzene-d5	9.12	82	390641	90.91	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	325364	145.43	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	948207	91.94	ng	0.00
79) Terphenyl-d14	19.97	244	1811644	95.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.29	79	7329	2.062	ng	# 50
19) n-Nitroso-di-n-propylamine	9.12	70	53326	17.920	ng	# 77
32) Benzoic acid	10.06	122	63	10.048	ng	# 1
50) Dimethylphthalate	14.06	163	82677	6.889	ng	97
57) 2,4-Dinitrotoluene	14.60	165	22565	5.754	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	21272	4.545	ng	# 1
77) Benzidine	19.97	184	34885	2.821	ng	# 91

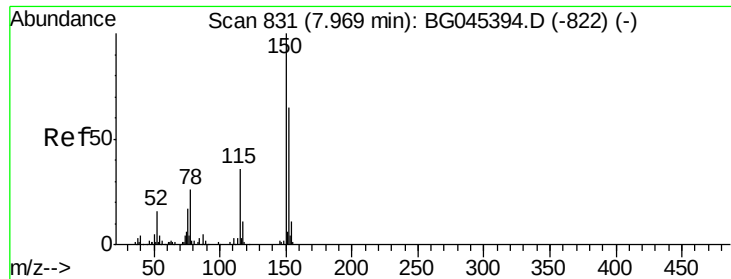
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration



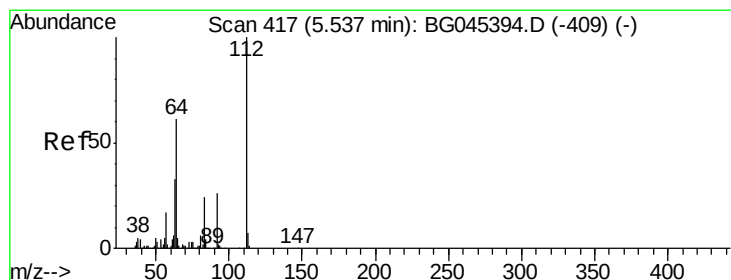
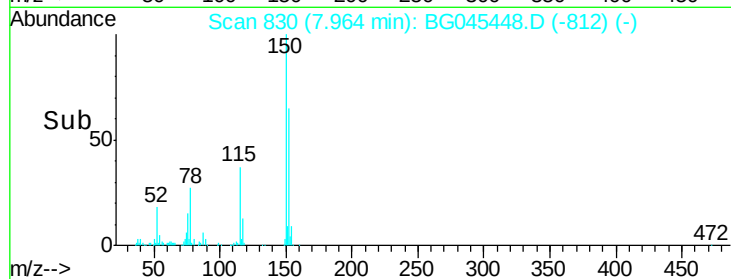
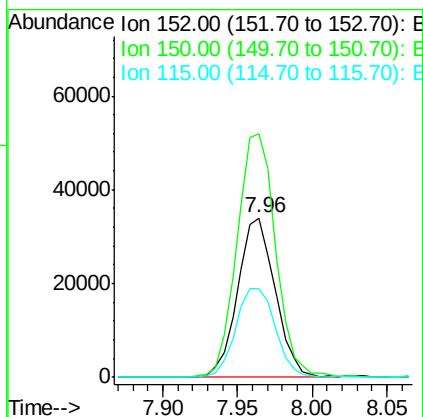
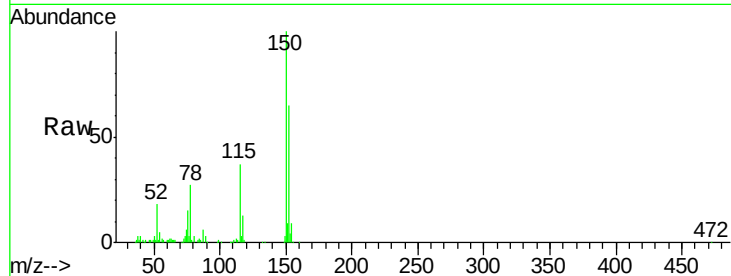


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Instrument :
BNA_G
ClientSampleId :

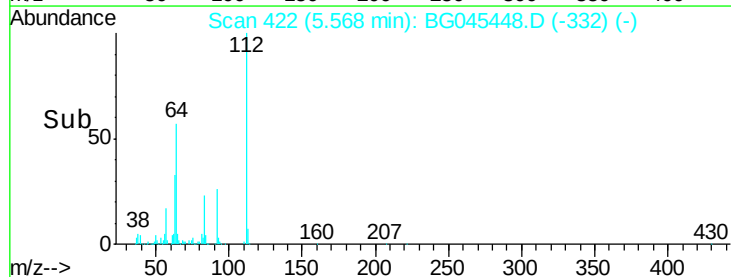
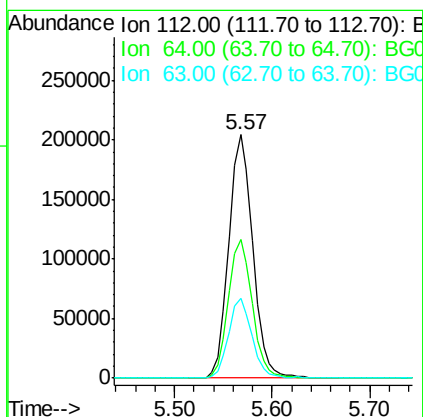
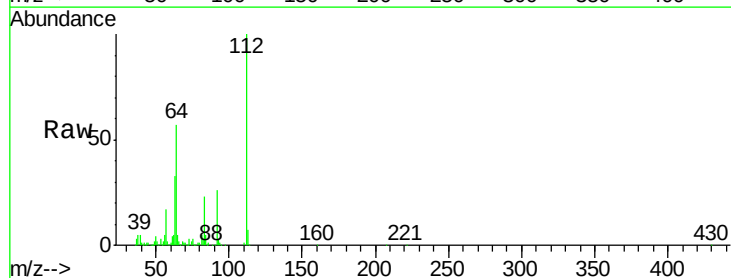
Tot Ion:152 Resp: 59086
Ion Ratio Lower Upper
152 100
150 152.7 122.4 183.6
115 56.0 44.2 66.4

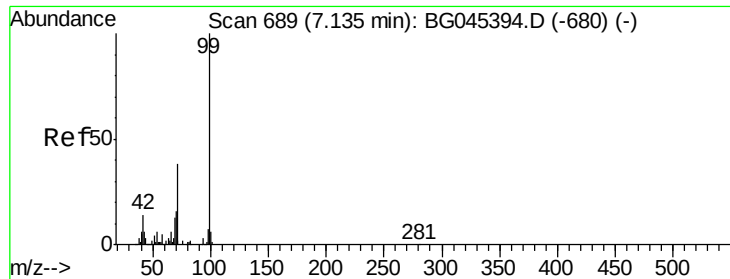


#5

2-Fluorophenol
Concen: 115.887 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Tgt Ion:112 Resp: 350373
Ion Ratio Lower Upper
112 100
64 56.8 48.6 72.8
63 32.5 26.5 39.7





#7

Phenol-d6

Concen: 105.833 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Instrument :

BNA_G

ClientSampleId :

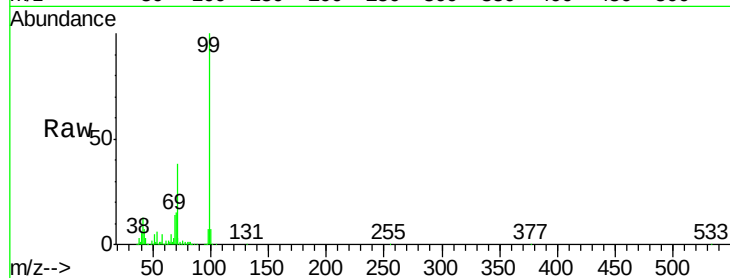
Tot Ion: 99 Resp: 455420

Ion Ratio Lower Upper

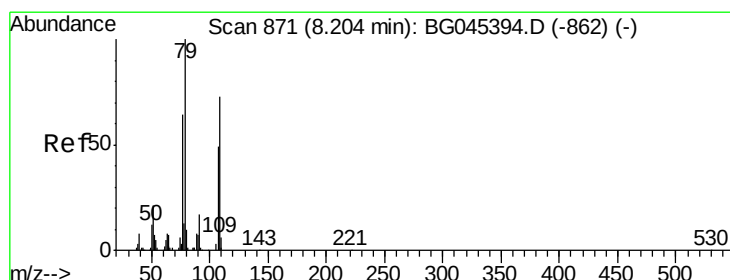
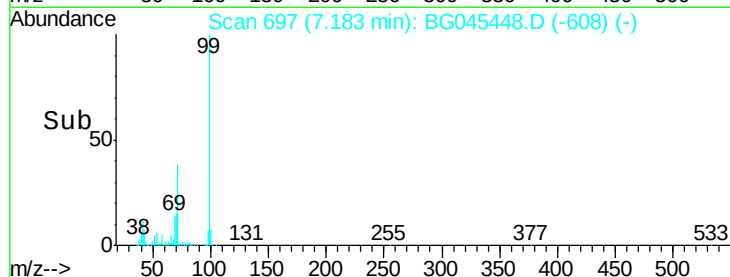
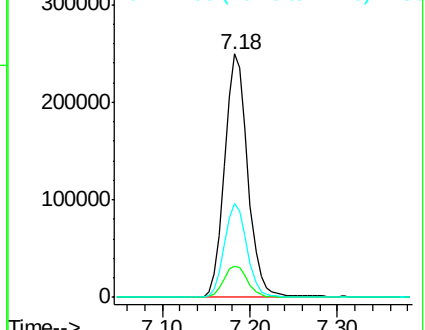
99 100

42 13.0 11.3 16.9

71 38.4 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.062 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.07 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

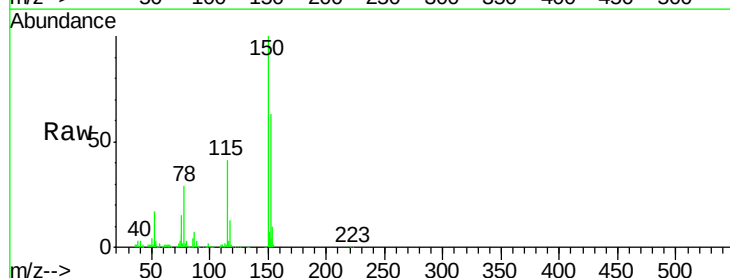
Tgt Ion: 79 Resp: 7329

Ion Ratio Lower Upper

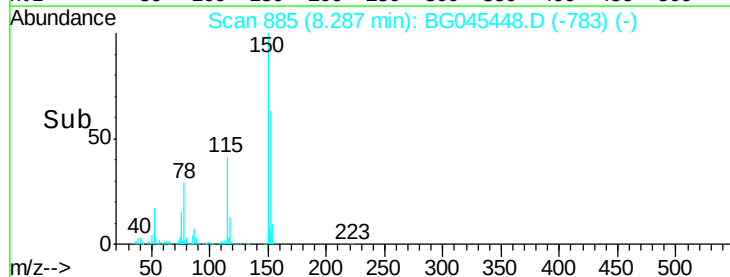
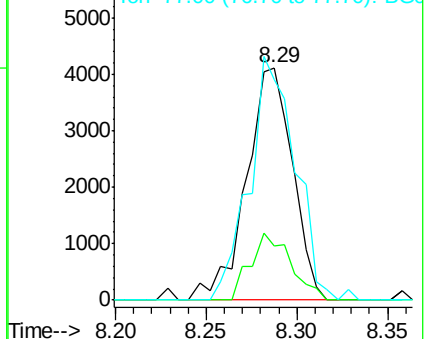
79 100

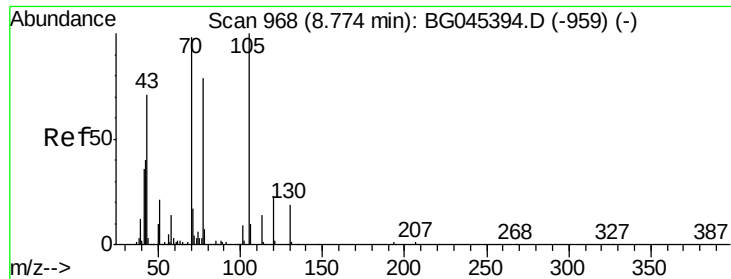
108 23.6 58.2 87.4#

77 94.8 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

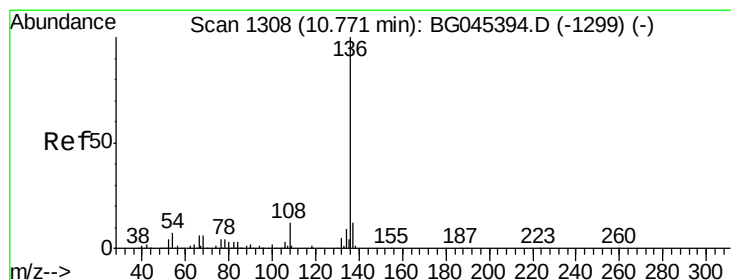
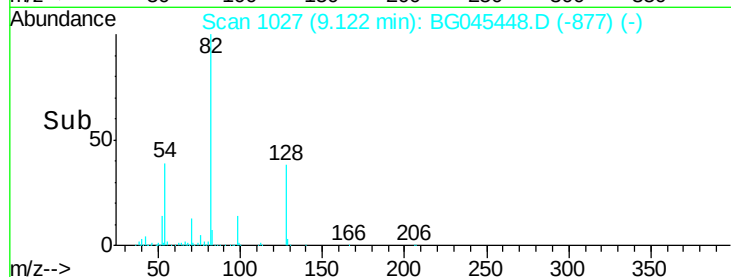
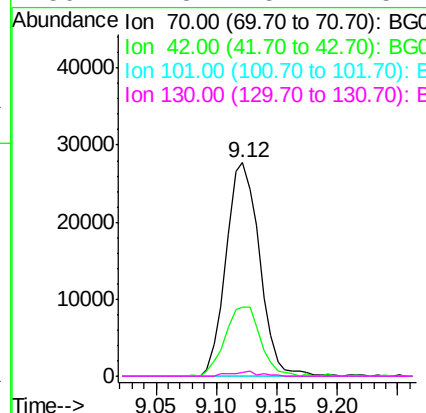
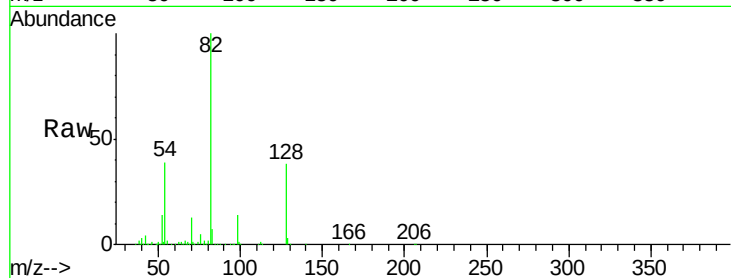




#19
n-Nitroso-di-n-propylamine
Concen: 17.920 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

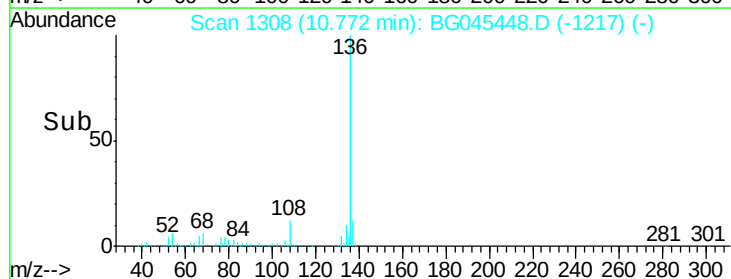
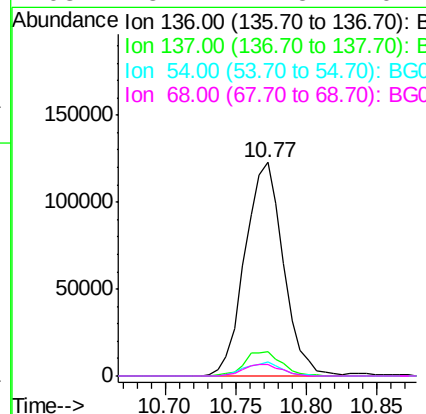
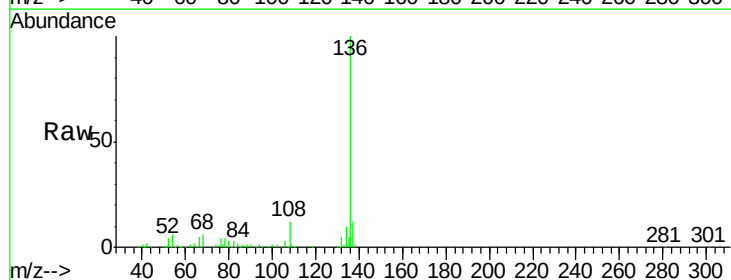
Instrument :
BNA_G
ClientSampleId :

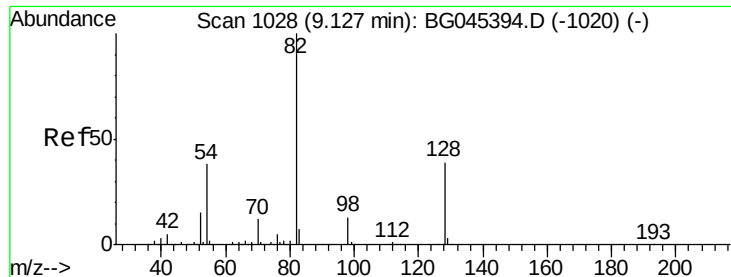
Tot Ion: 70 Resp: 53326
Ion Ratio Lower Upper
70 100
42 32.2 33.2 49.8#
101 0.0 7.8 11.6#
130 1.8 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Tgt Ion: 136 Resp: 234331
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 6.4 5.8 8.6
68 5.7 4.5 6.7

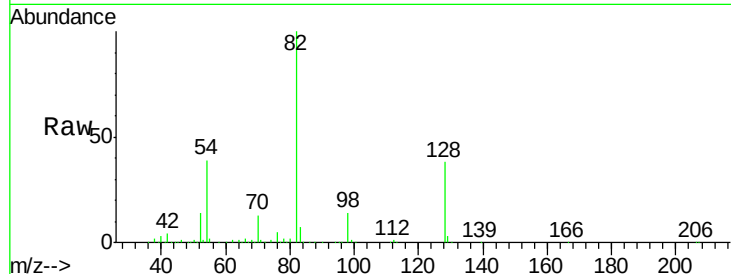




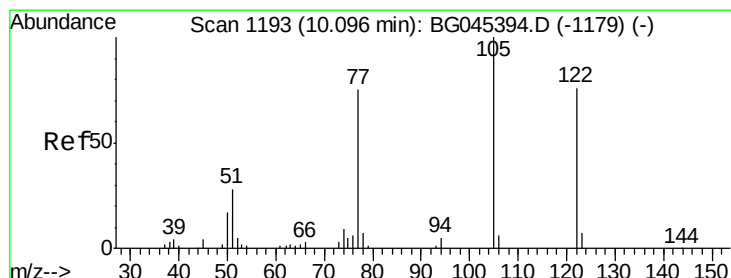
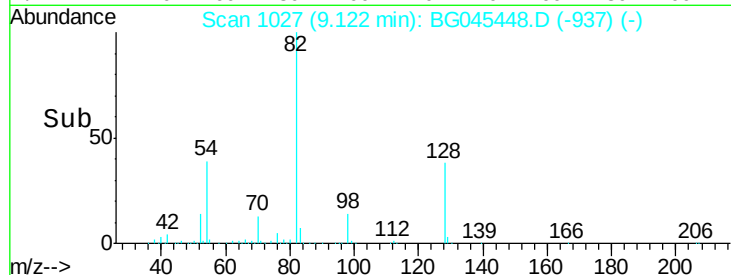
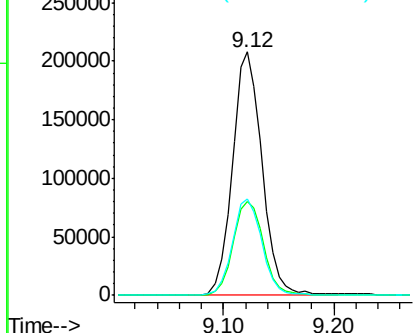
#23
 Nitrobenzene-d5
 Concen: 90.907 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	390641
Ion Ratio	100	Lower	Upper
128	38.4	30.9	46.3
54	39.4	30.3	45.5

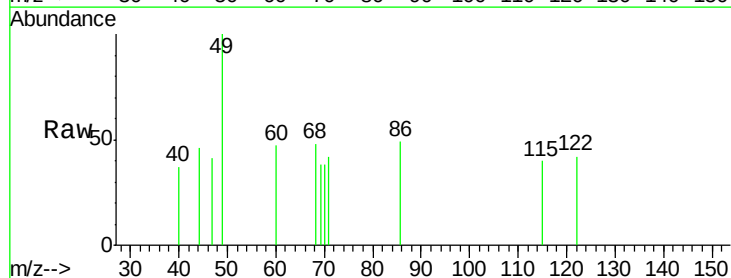


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

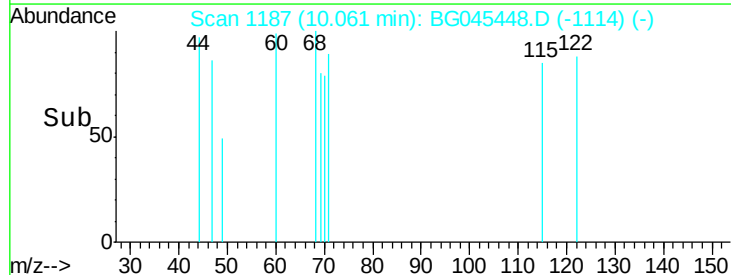
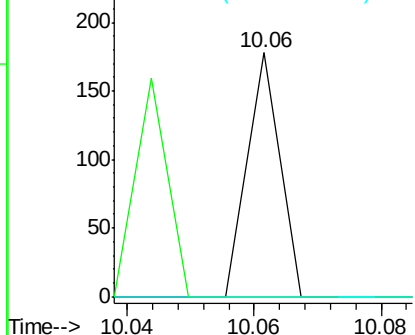


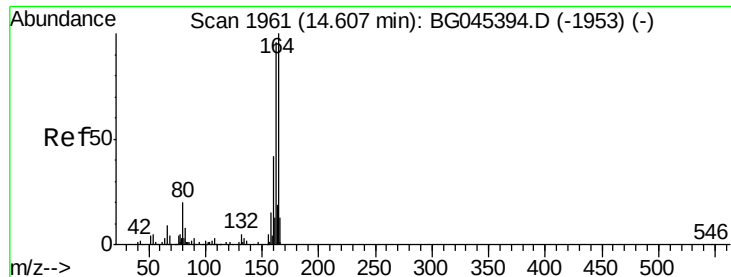
#32
 Benzoic acid
 Concen: 10.048 ng
 RT: 10.06 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Tgt Ion	122	Resp	63
Ion Ratio	100	Lower	Upper
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Instrument :

BNA_G

ClientSampleId :

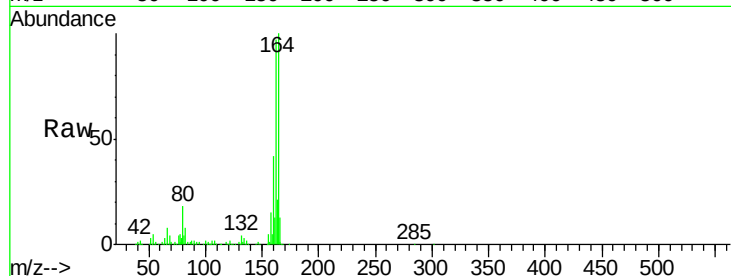
Tot Ion:164 Resp: 174943

Ion Ratio Lower Upper

164 100

162 97.4 76.9 115.3

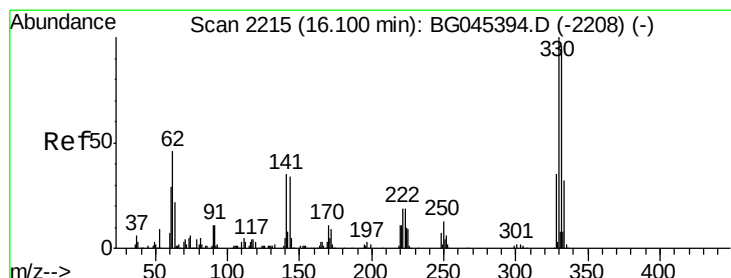
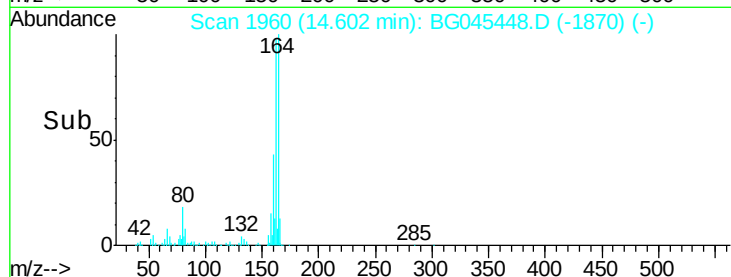
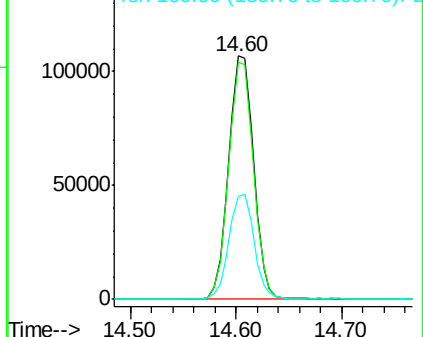
160 42.1 33.8 50.8



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: 145.426 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

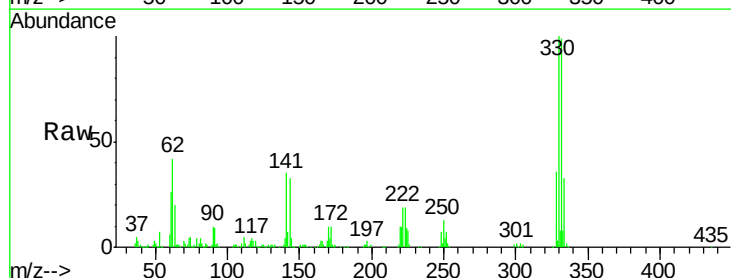
Tgt Ion:330 Resp: 325364

Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

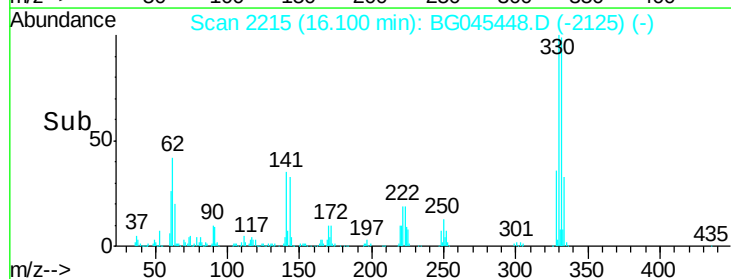
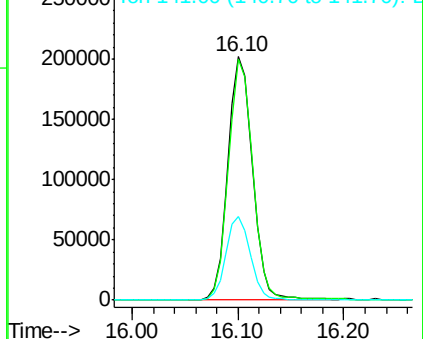
141 34.3 28.2 42.4

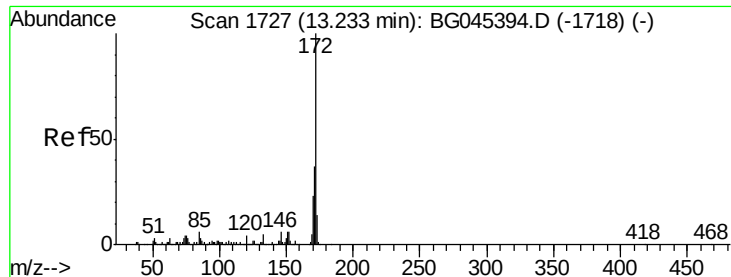


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 91.936 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

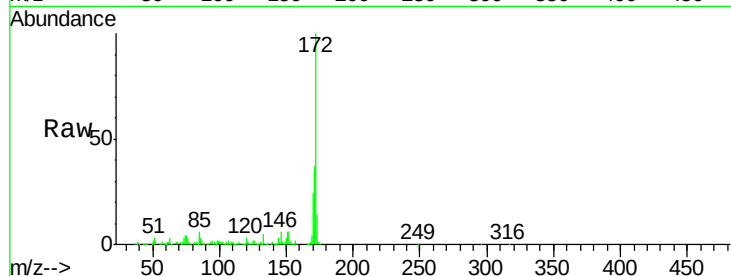
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 948207

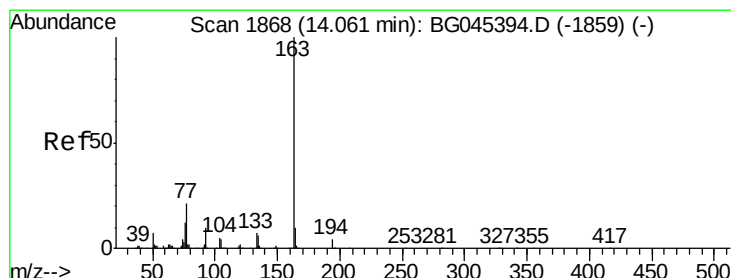
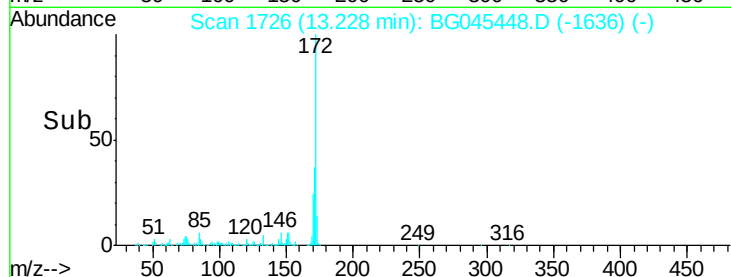
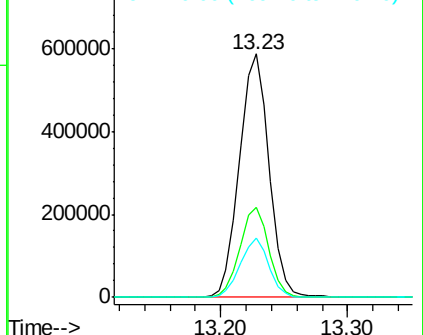
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.3	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 6.889 ng

RT: 14.06 min Scan# 1867

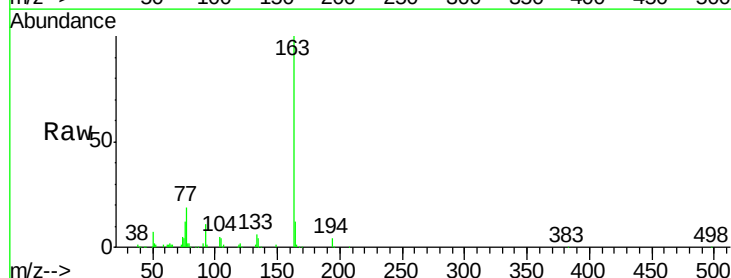
Delta R.T. -0.01 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Tgt Ion:163 Resp: 82677

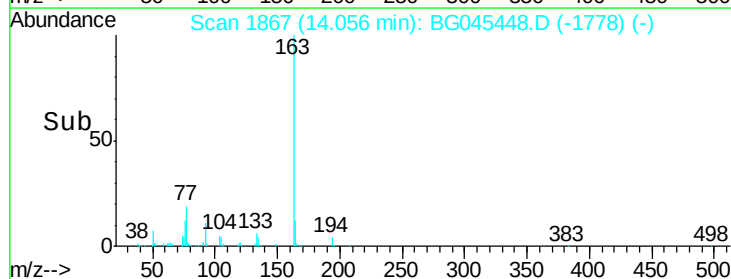
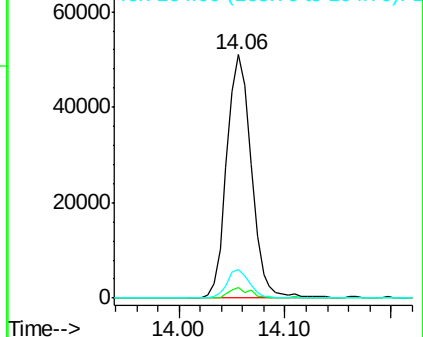
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.5	8.3	12.5

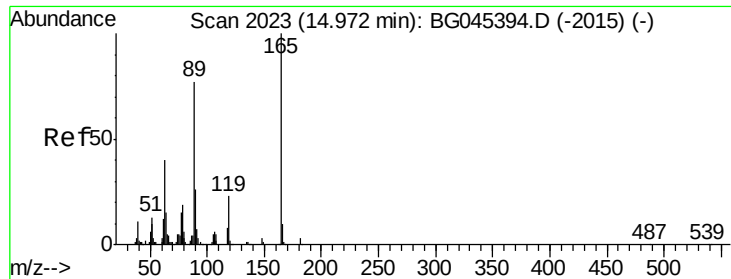


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

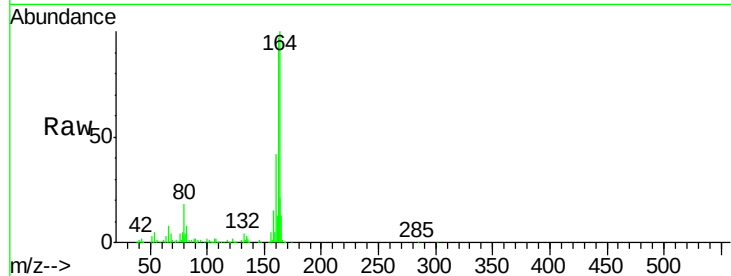




#57
 2,4-Dinitrotoluene
 Concen: 5.754 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.37 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.5	48.7#
89	1.4	61.8	92.6#
182	0.0	2.3	3.5#

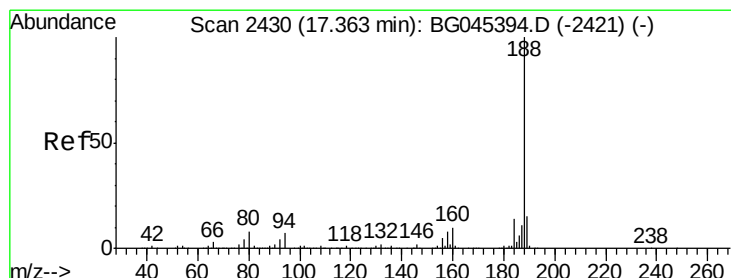
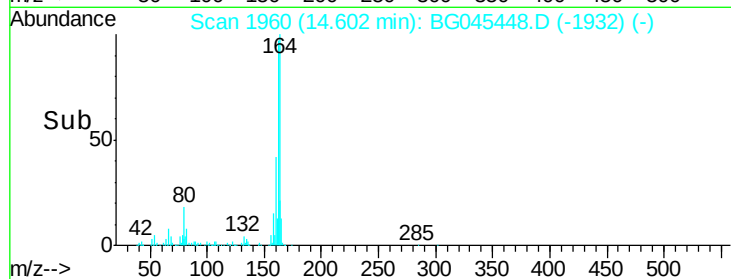
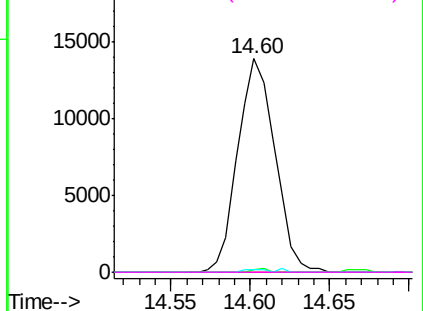


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

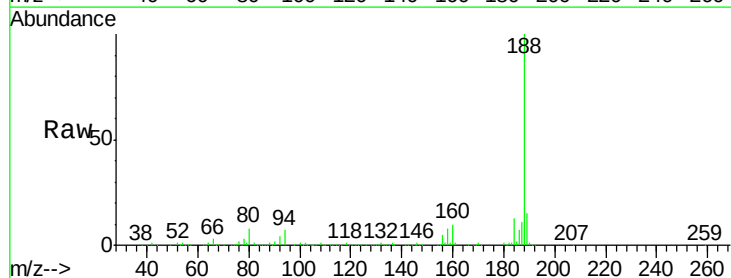
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

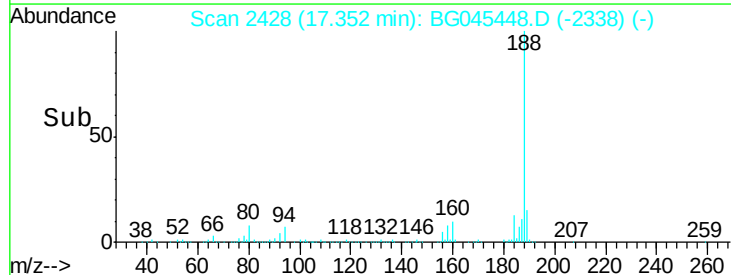
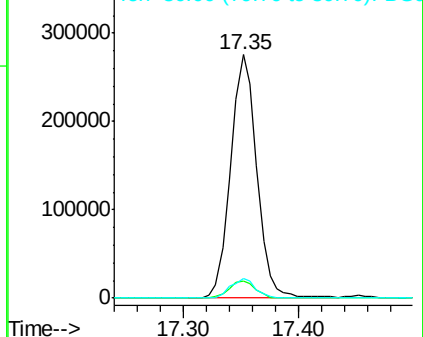
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.0	6.6	10.0

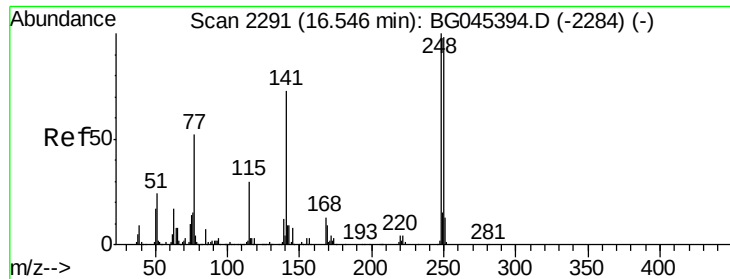


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

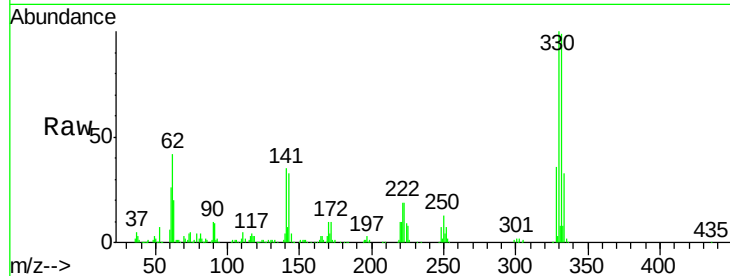




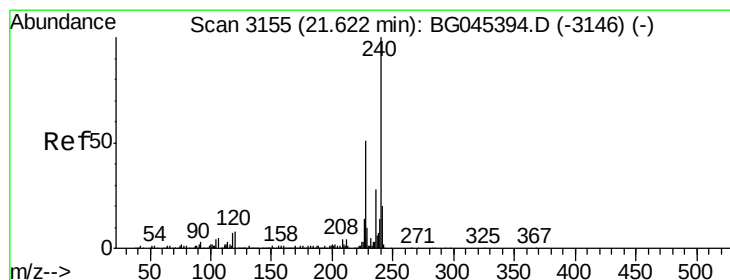
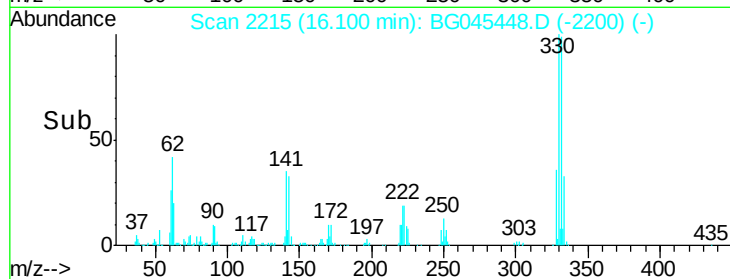
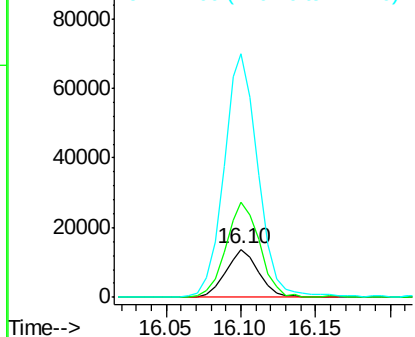
#67
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.44 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21272
Ion Ratio Lower Upper
248 100
250 197.0 78.6 117.8#
141 507.3 58.2 87.2#

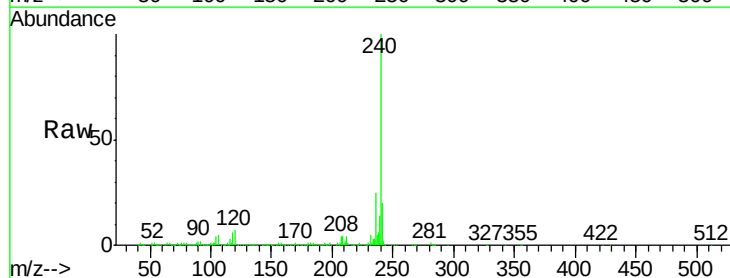


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

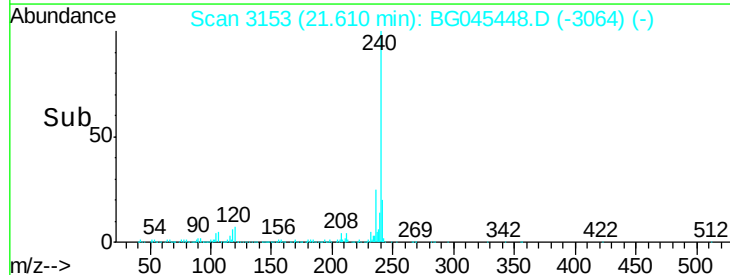
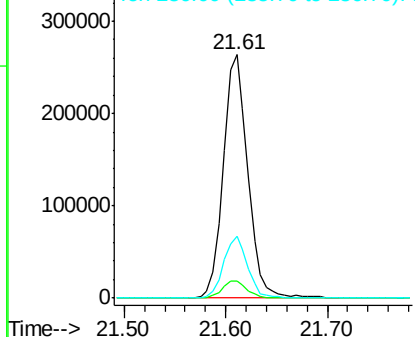


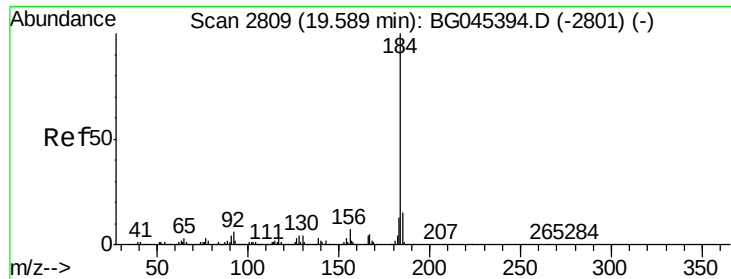
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045448.D
Acq: 21 May 2020 20:22

Tgt Ion:240 Resp: 440348
Ion Ratio Lower Upper
240 100
120 7.1 6.1 9.1
236 25.5 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: 2.821 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

Instrument :

BNA_G

ClientSampleId :

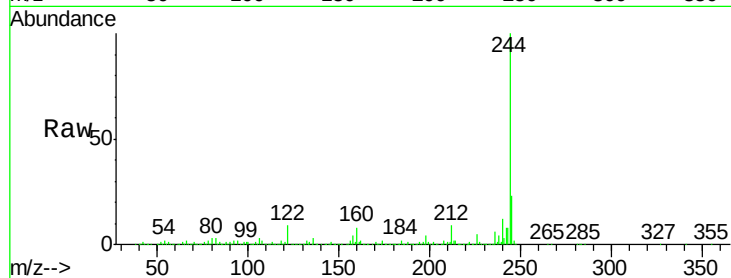
Tot Ion:184 Resp: 34885

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

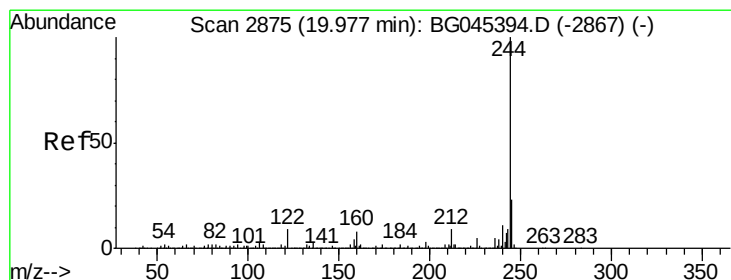
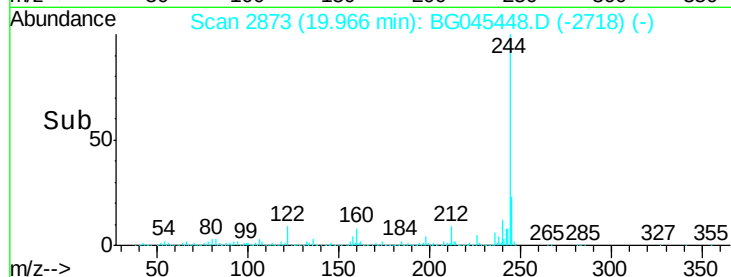
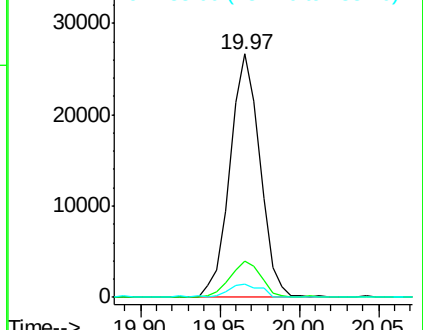
183 5.2 10.2 15.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 95.954 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045448.D

Acq: 21 May 2020 20:22

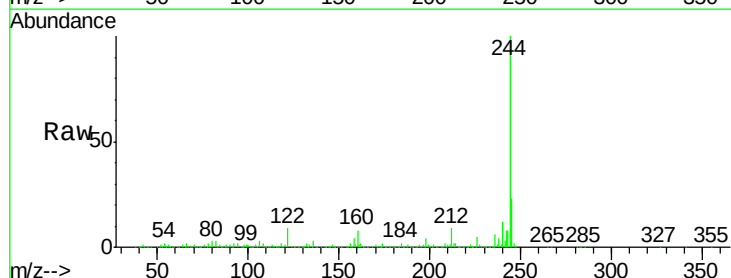
Tgt Ion:244 Resp: 1811644

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

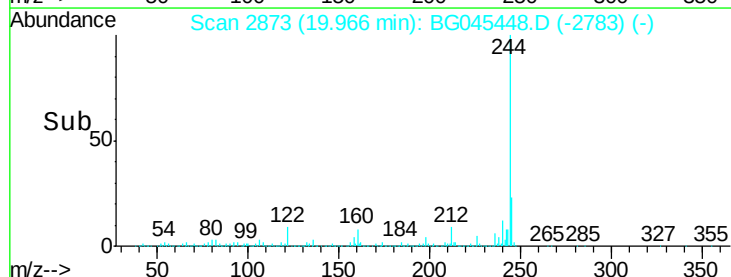
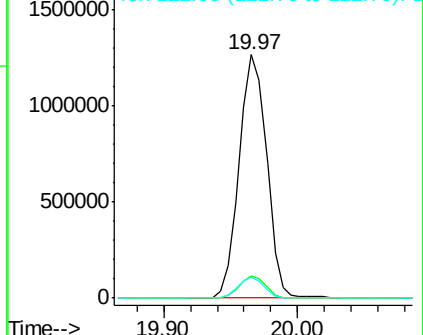
122 8.7 6.8 10.2

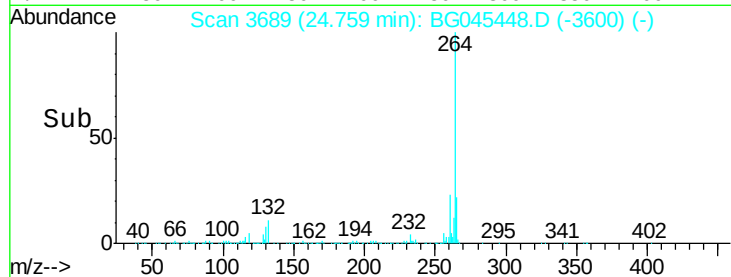
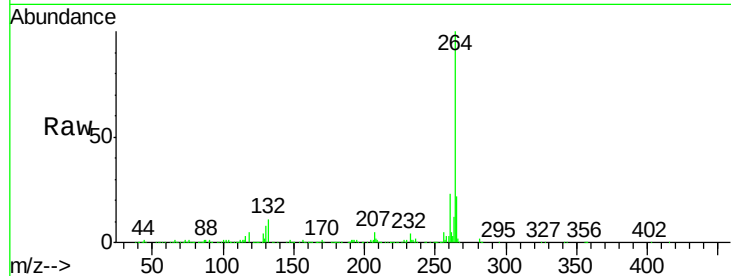
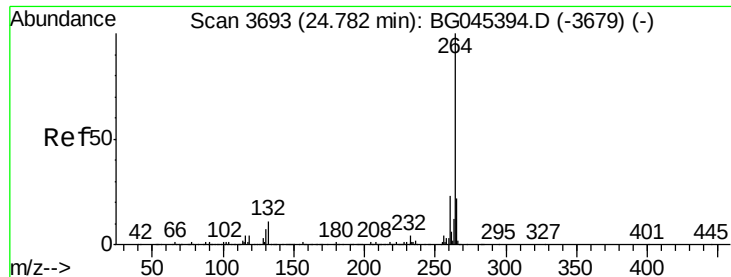


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.76 min Scan# 3689
 Delta R.T. -0.01 min
 Lab File: BG045448.D
 Acq: 21 May 2020 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	17.6	26.4

