

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045586.D
 Acq On : 3 Jun 2020 18:20
 Operator : CG/JU
 Sample : L2839-26
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 19:02:33 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

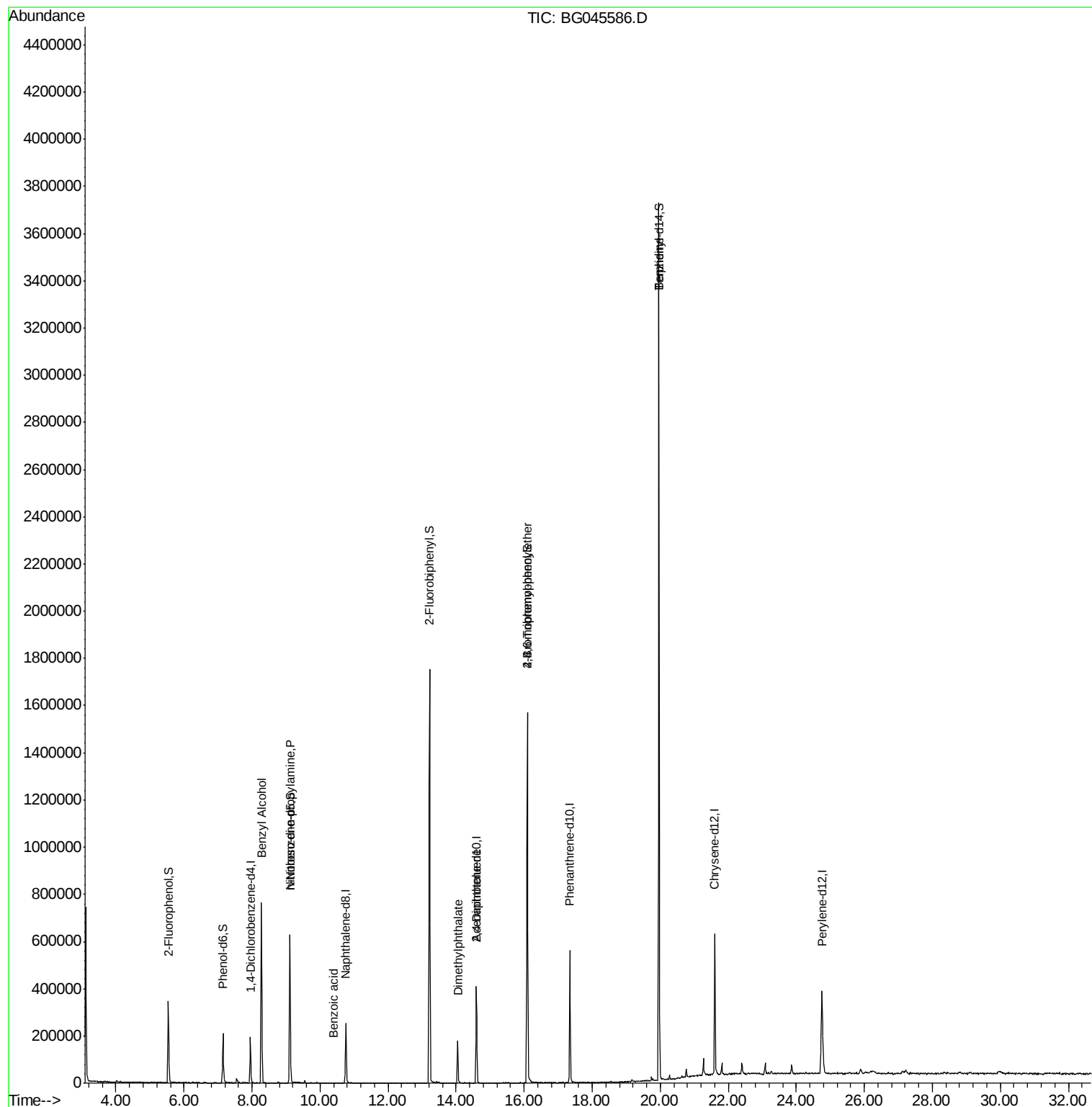
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58210	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	225692	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	158784	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	381136	20.00	ng	0.00
76) Chrysene-d12	21.60	240	390662	20.00	ng	0.00
87) Perylene-d12	24.76	264	413158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	172810	58.02	ng	0.00
7) Phenol-d6	7.15	99	143849	33.93	ng	0.00
23) Nitrobenzene-d5	9.11	82	431189	104.18	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	330226	162.62	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	992781	106.05	ng	0.00
79) Terphenyl-d14	19.96	244	1886734	112.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7198	2.055	ng	# 54
19) n-Nitroso-di-n-propylamine	9.11	70	57846	19.732	ng	# 80
32) Benzoic acid	10.40	122	55	10.045	ng	# 1
50) Dimethylphthalate	14.05	163	128486	11.796	ng	100
57) 2,4-Dinitrotoluene	14.59	165	21200	5.956	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	21624	5.240	ng	# 1
77) Benzidine	19.96	184	35668	3.251	ng	# 93

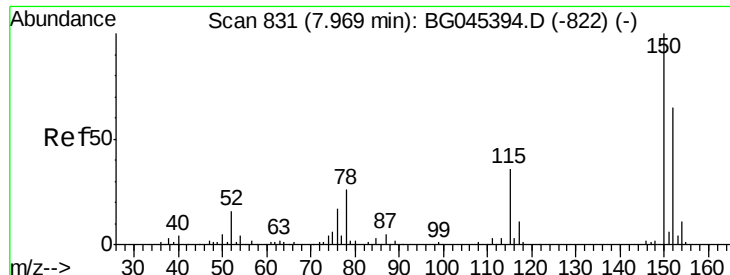
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 19:02:33 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



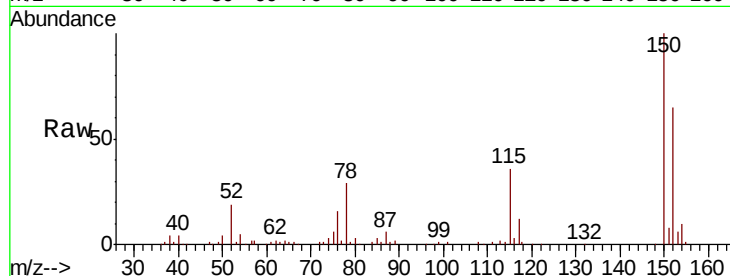


#1

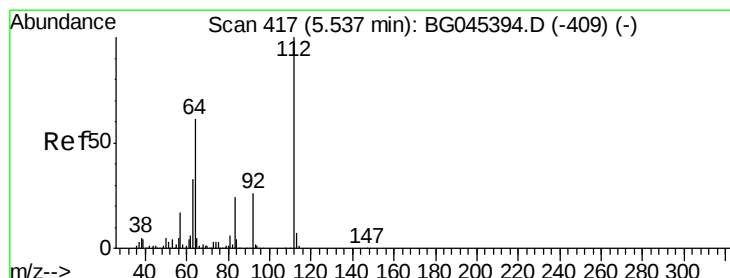
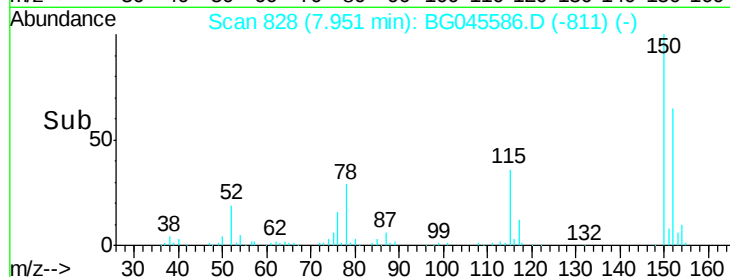
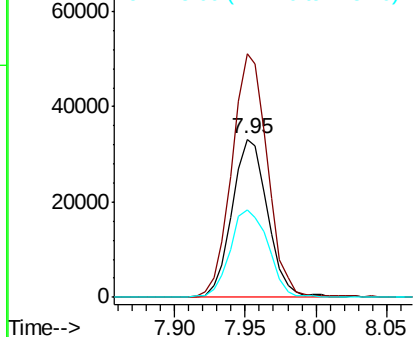
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58210
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 55.1 44.2 66.4



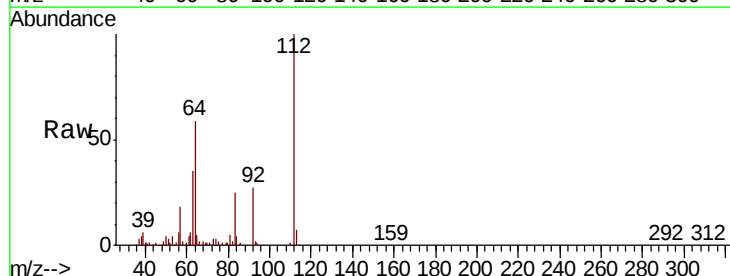
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



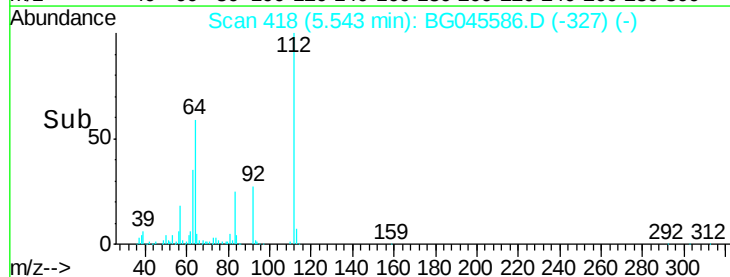
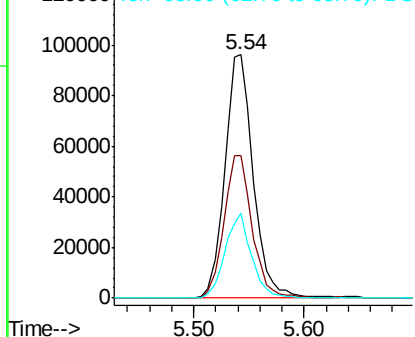
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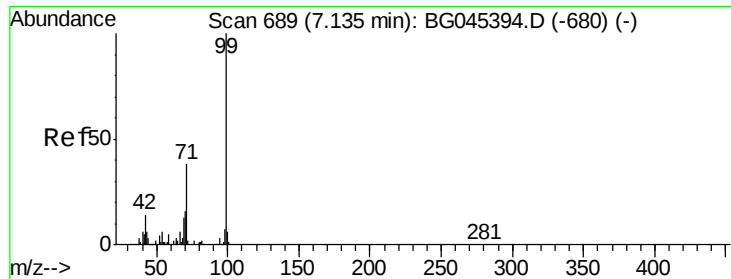
2-Fluorophenol
Concen: 58.018 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

Tgt Ion:112 Resp: 172810
Ion Ratio Lower Upper
112 100
64 58.5 48.6 72.8
63 35.1 26.5 39.7



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: 33.932 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045586.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_G

ClientSampleId :

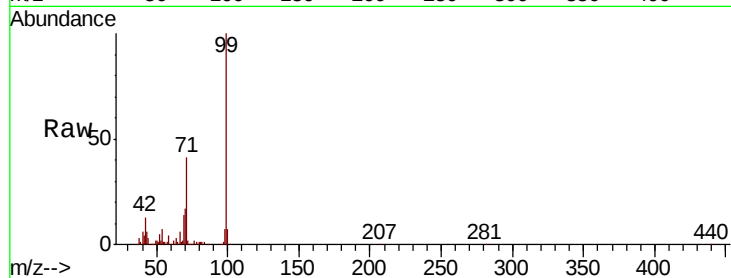
Tot Ion: 99 Resp: 143849

Ion Ratio Lower Upper

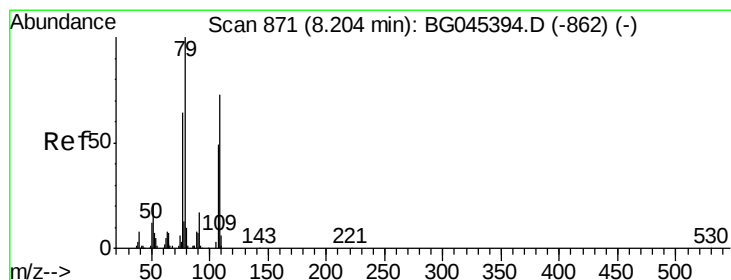
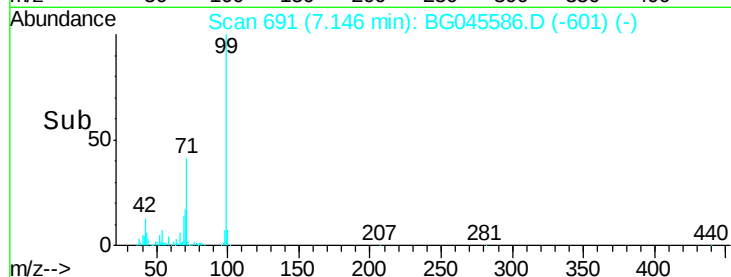
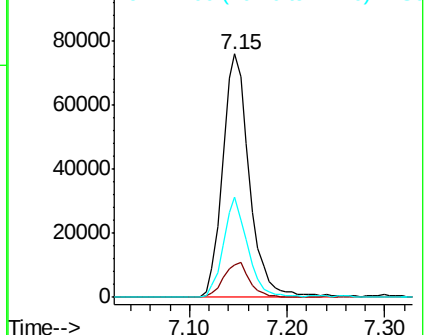
99 100

42 13.3 11.3 16.9

71 41.2 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: 2.055 ng

RT: 8.27 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045586.D

Acq: 3 Jun 2020 18:20

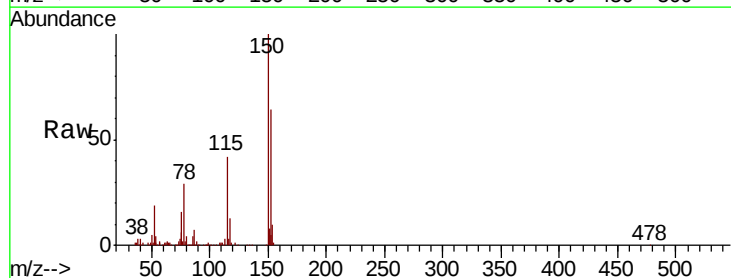
Tgt Ion: 79 Resp: 7198

Ion Ratio Lower Upper

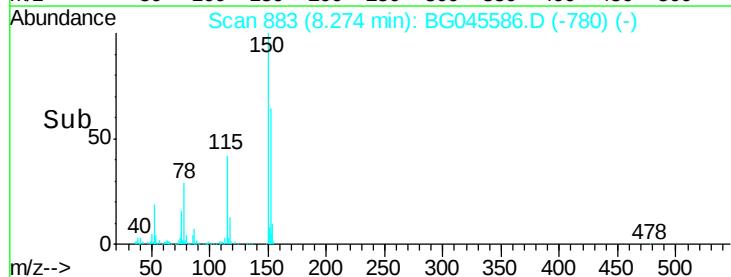
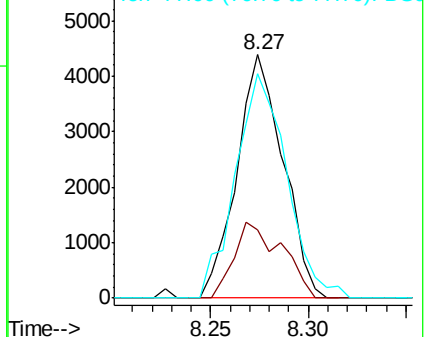
79 100

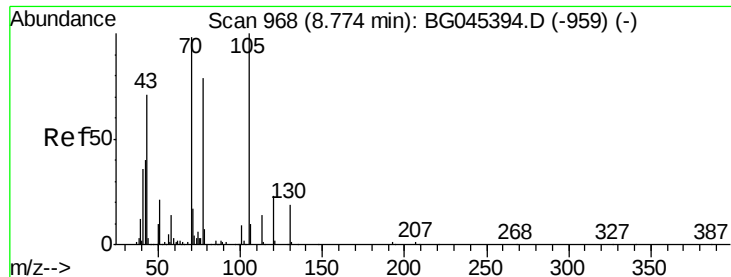
108 28.1 58.2 87.4#

77 92.4 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

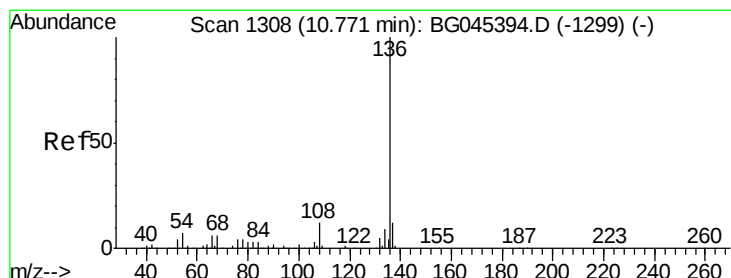
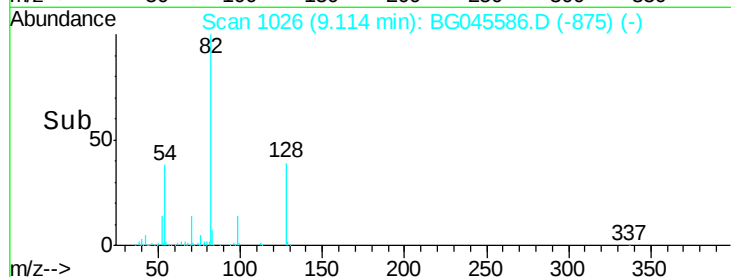
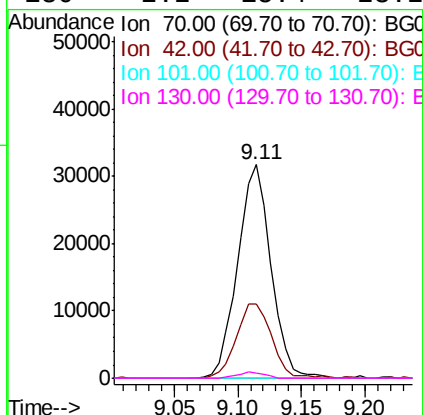
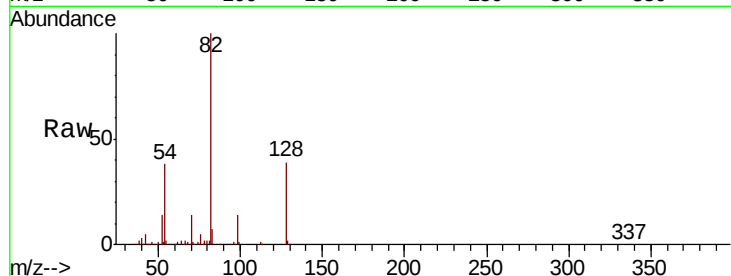




#19
n-Nitroso-di-n-propylamine
Concen: 19.732 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

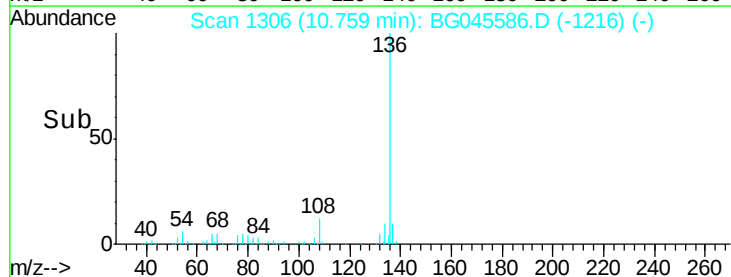
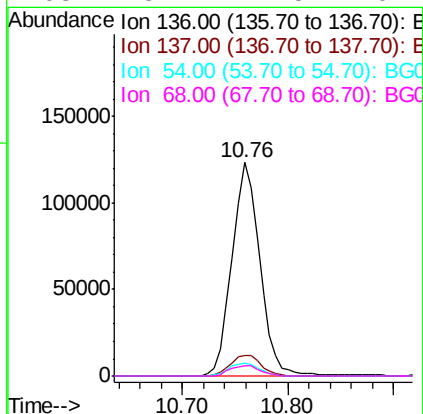
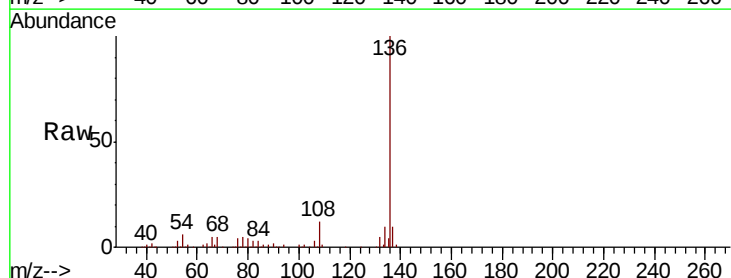
Instrument :
BNA_G
ClientSampled :

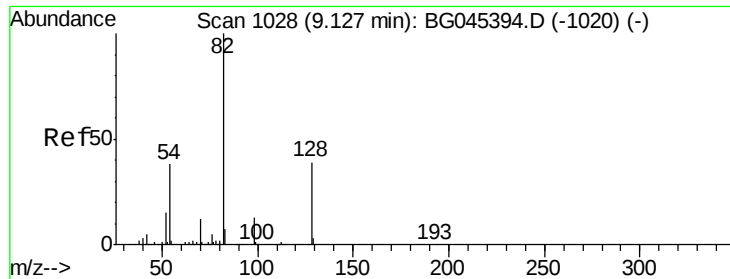
Tot Ion	Ratio	Lower	Upper
70	100		
42	34.6	33.2	49.8
101	0.0	7.8	11.6#
130	2.2	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.4	14.2
54	5.8	5.8	8.6
68	5.1	4.5	6.7

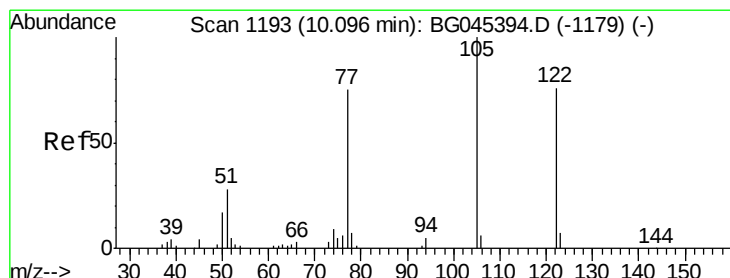
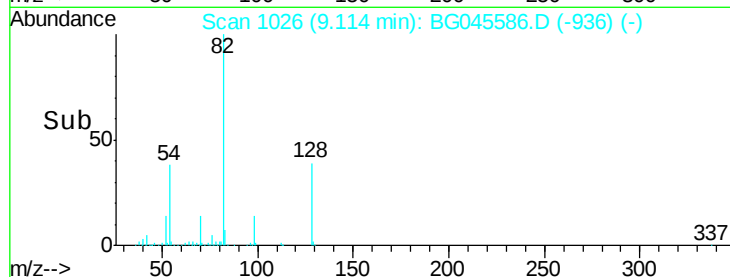
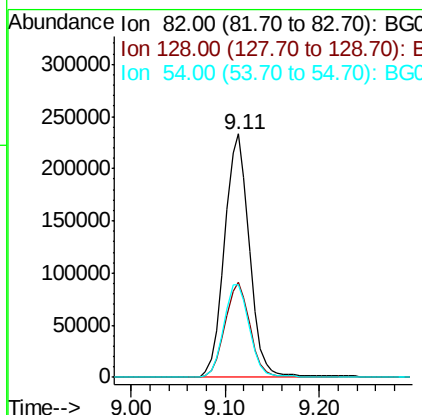
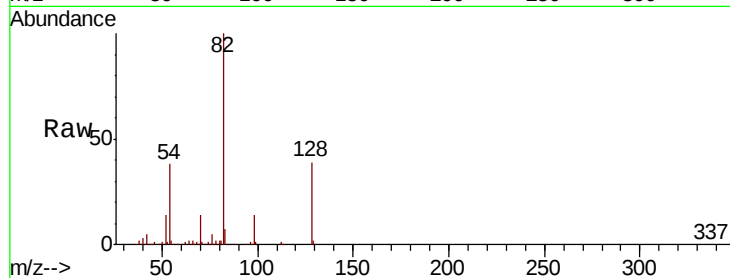




#23
 Nitrobenzene-d5
 Concen: 104.184 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045586.D
 Acq: 3 Jun 2020 18:20

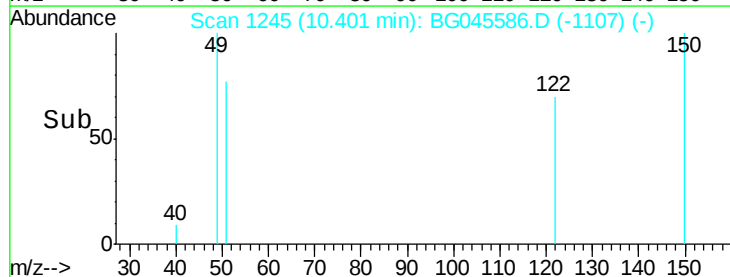
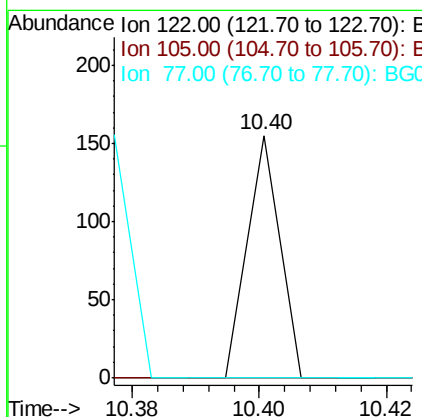
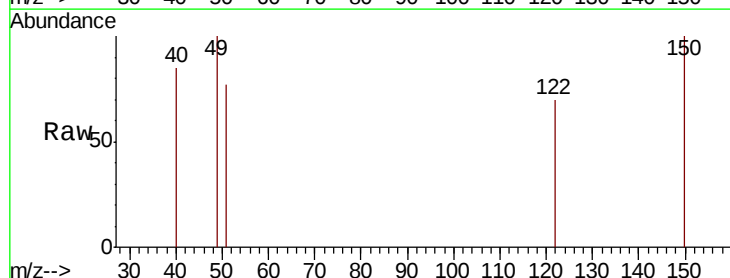
Instrument :
 BNA_G
 ClientSampleId :

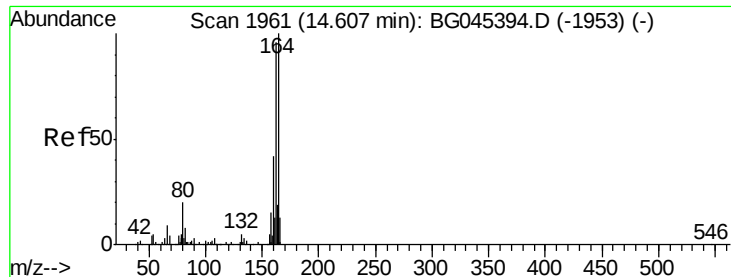
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.9	46.3
54	38.0	30.3	45.5



#32
 Benzoic acid
 Concen: 10.045 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. 0.28 min
 Lab File: BG045586.D
 Acq: 3 Jun 2020 18:20

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045586.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_G

ClientSampleId :

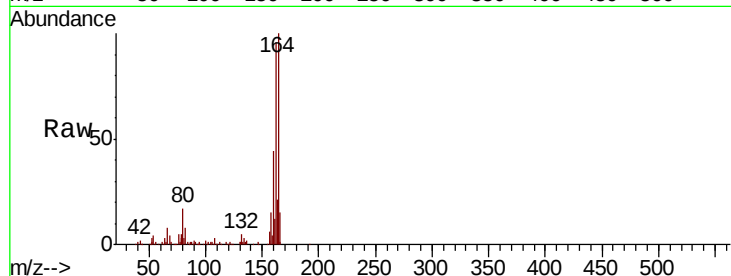
Tot Ion:164 Resp: 158784

Ion Ratio Lower Upper

164 100

162 96.1 76.9 115.3

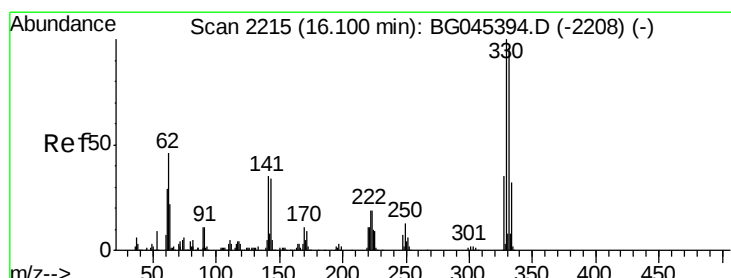
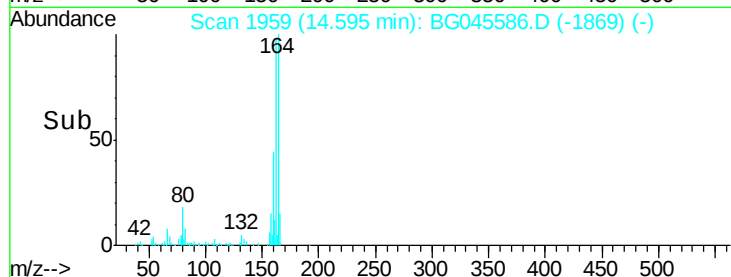
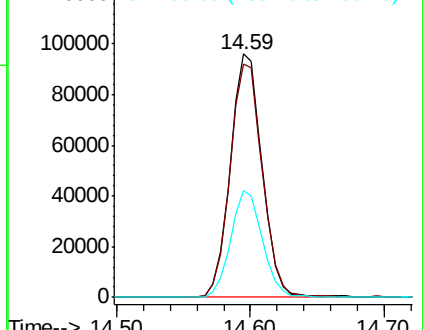
160 43.6 33.8 50.8



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: 162.619 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045586.D

Acq: 3 Jun 2020 18:20

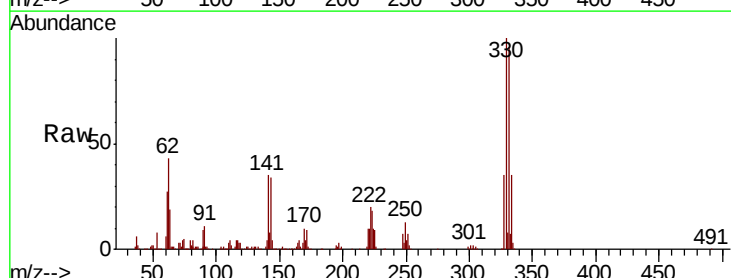
Tgt Ion:330 Resp: 330226

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

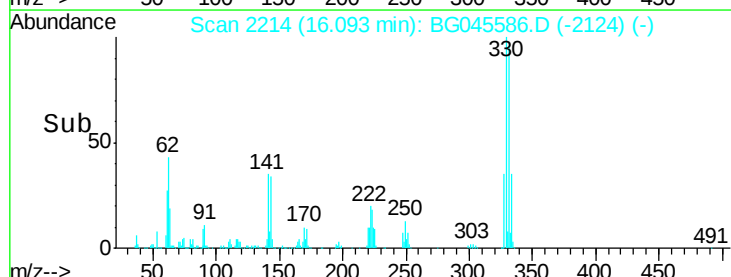
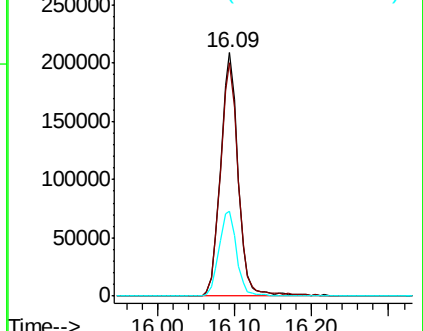
141 35.0 28.2 42.4

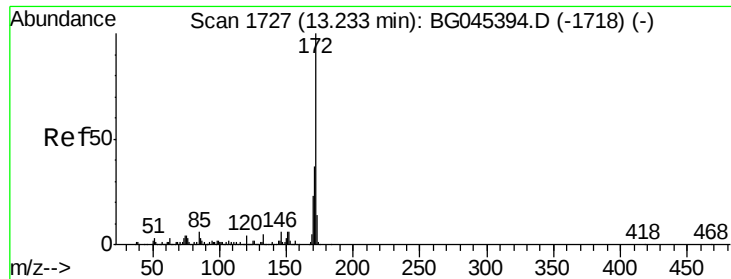


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

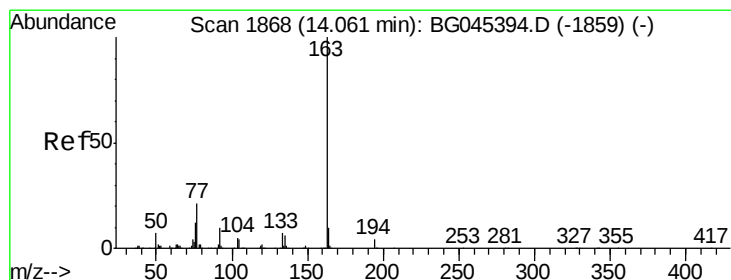
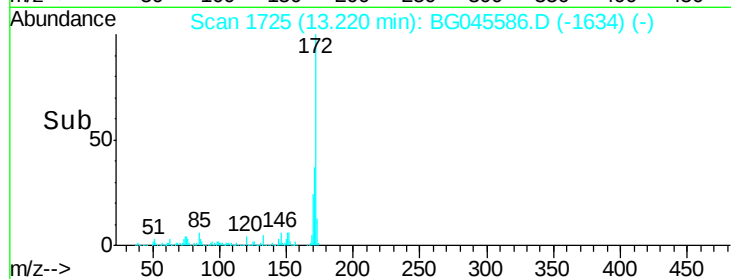
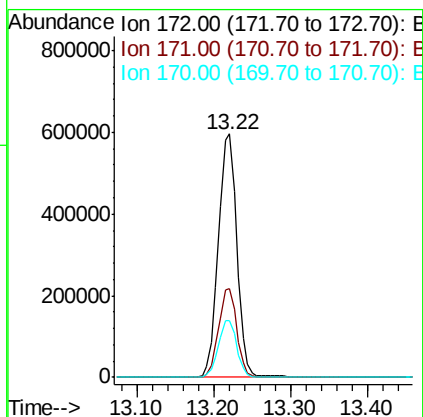
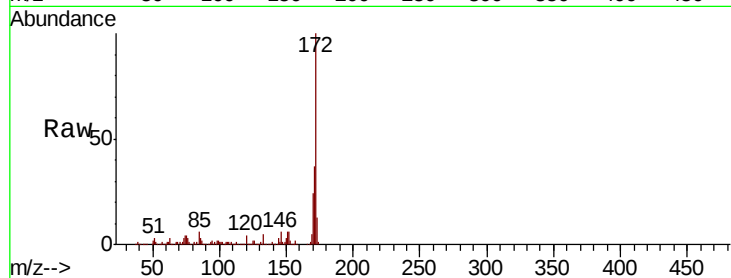




#45
2-Fluorobiphenyl
Concen: 106.054 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

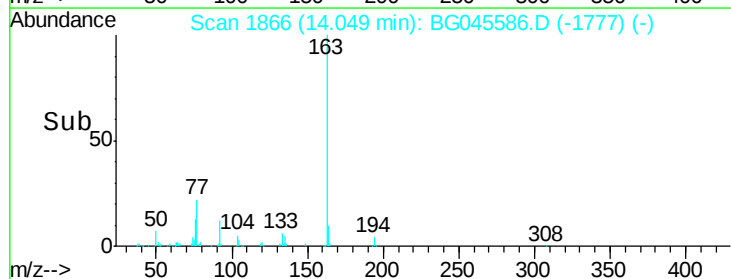
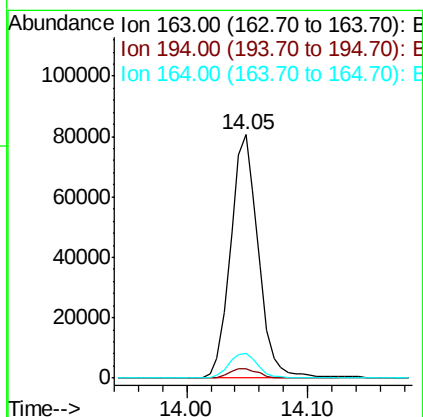
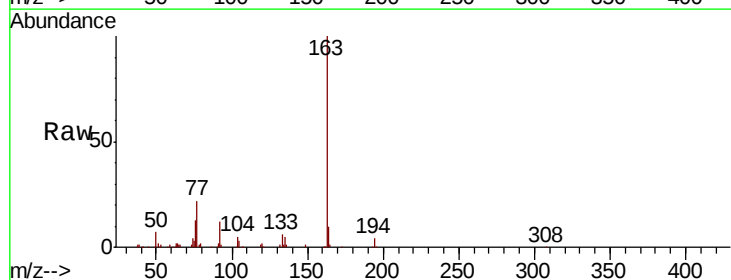
Instrument :
BNA_G
ClientSampleId :

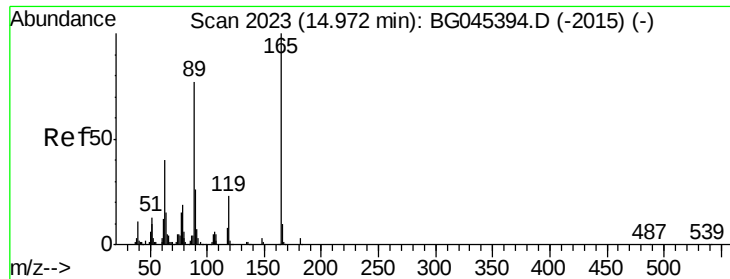
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.5	18.5	27.7



#50
Dimethylphthalate
Concen: 11.796 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.3	12.5

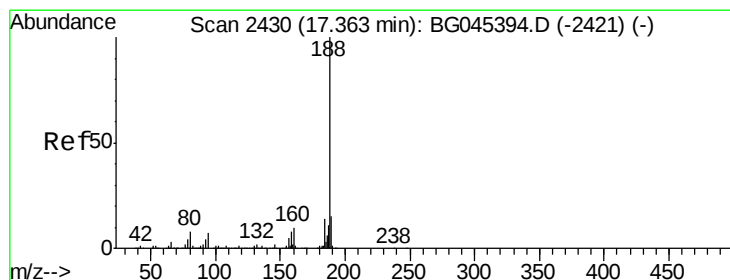
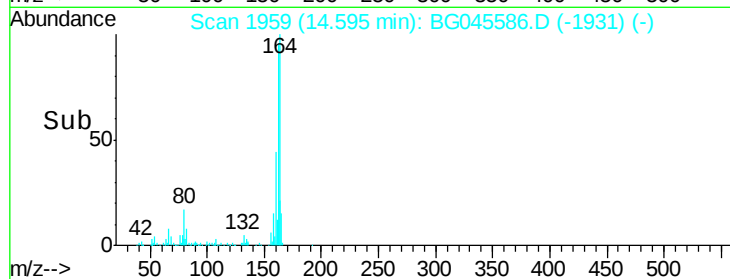
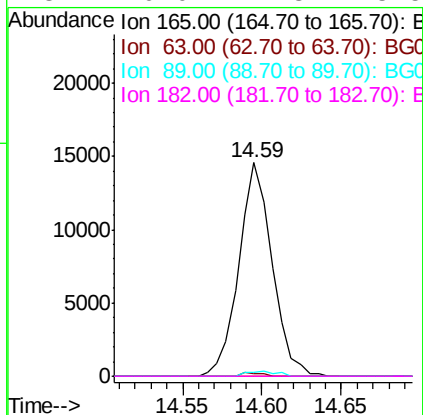
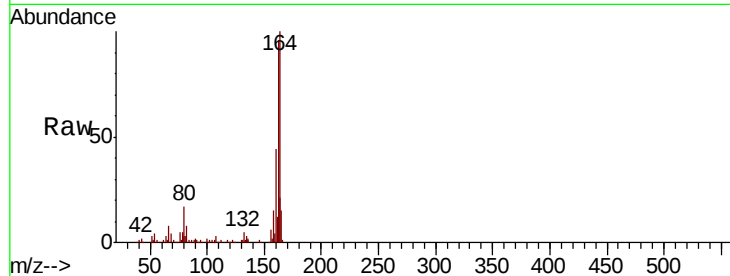




#57
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 14.59 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

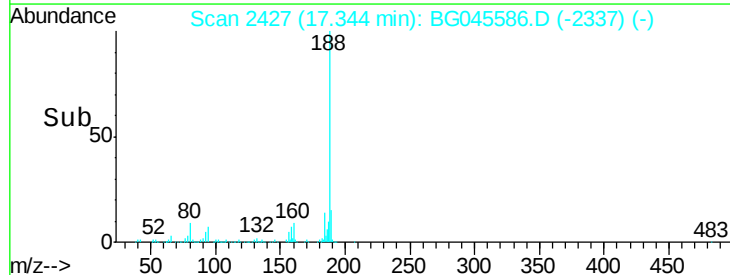
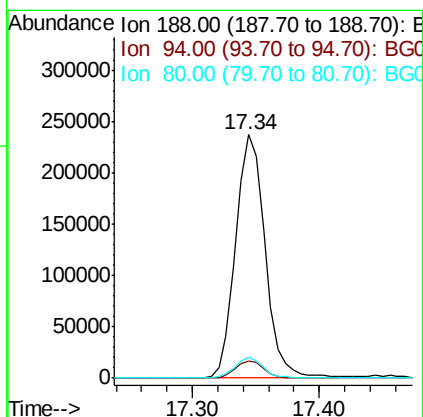
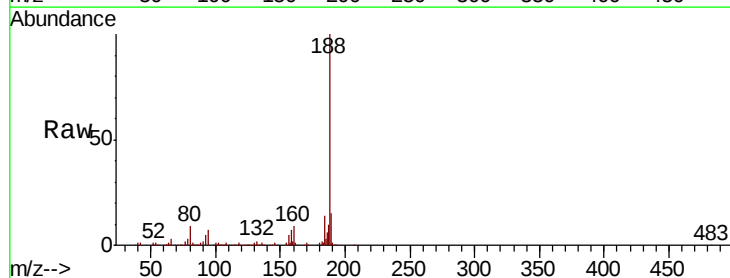
Instrument :
BNA_G
ClientSampleId :

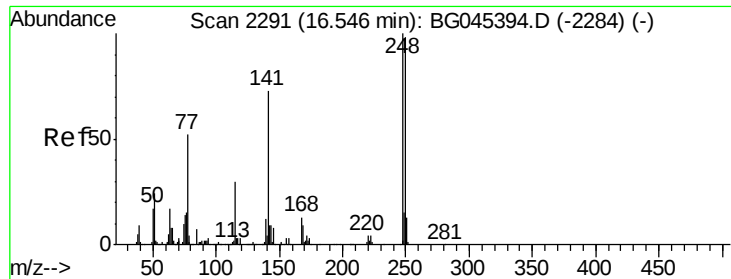
Tot Ion:165 Resp: 21200
Ion Ratio Lower Upper
165 100
63 1.5 32.5 48.7#
89 1.5 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

Tgt Ion:188 Resp: 381136
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.8 6.6 10.0

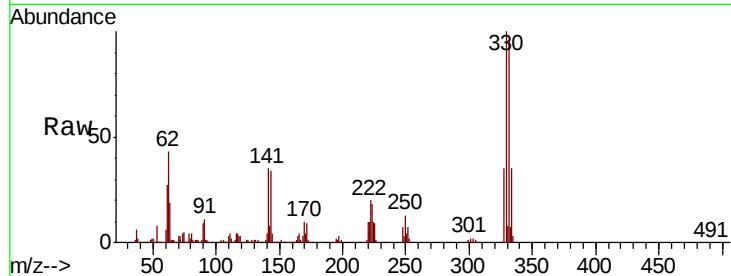




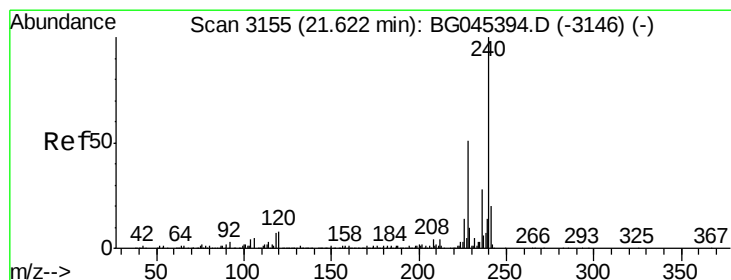
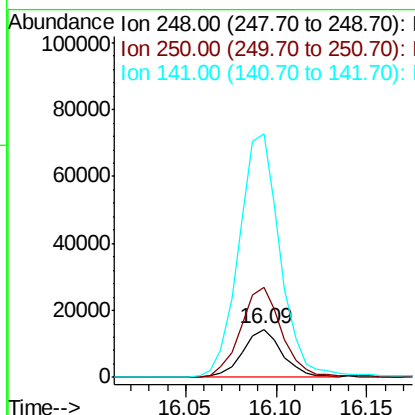
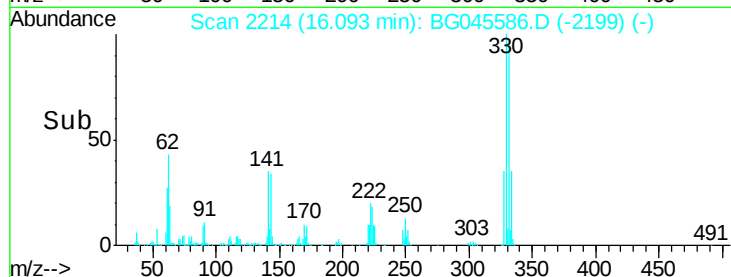
#67
 4-Bromophenyl-phenylether
 Concen: 5.240 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045586.D
 Acq: 3 Jun 2020 18:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 21624
 Ion Ratio Lower Upper
 248 100
 250 186.2 78.6 117.8#
 141 505.3 58.2 87.2#

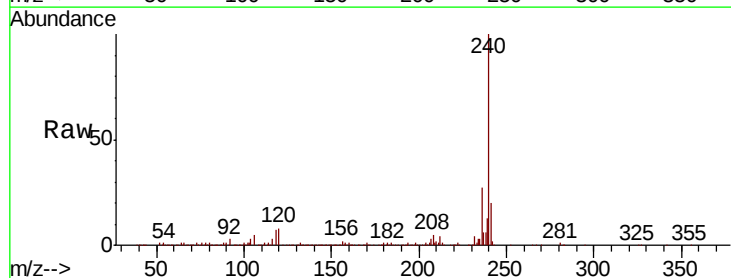


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

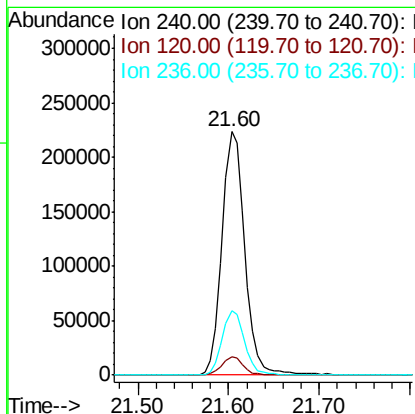
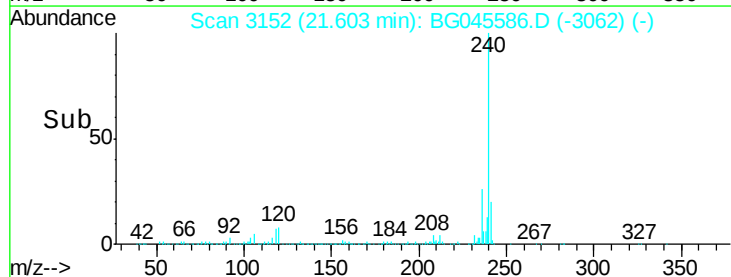


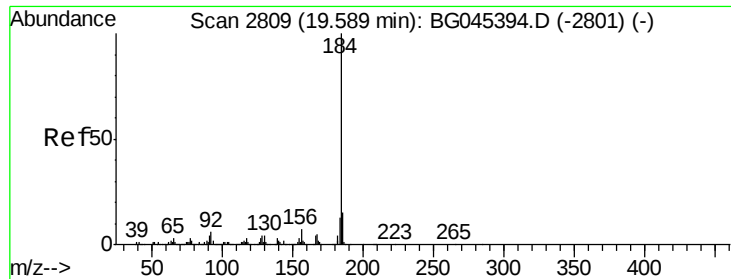
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045586.D
 Acq: 3 Jun 2020 18:20

Tgt Ion:240 Resp: 390662
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.1 9.1
 236 26.6 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: 3.251 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.39 min

Lab File: BG045586.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_G

ClientSampleId :

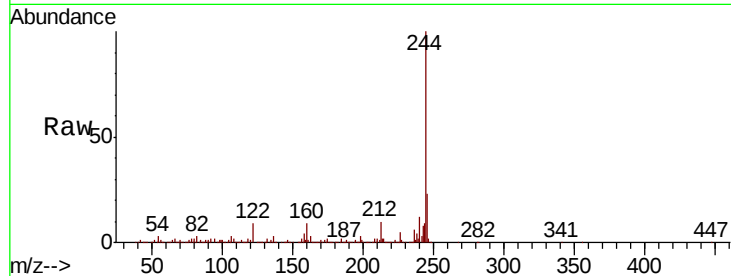
Tot Ion:184 Resp: 35668

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

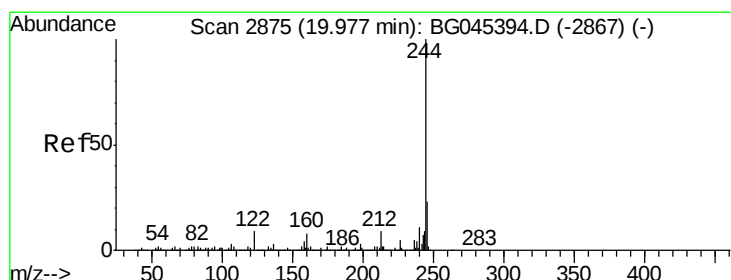
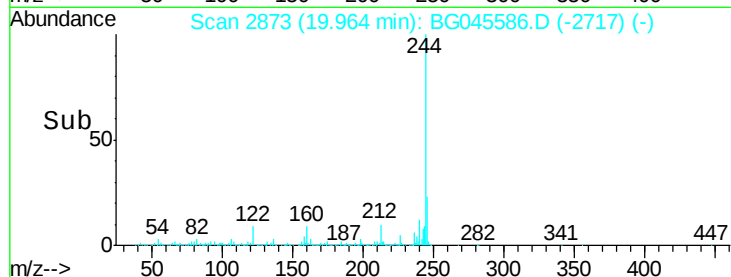
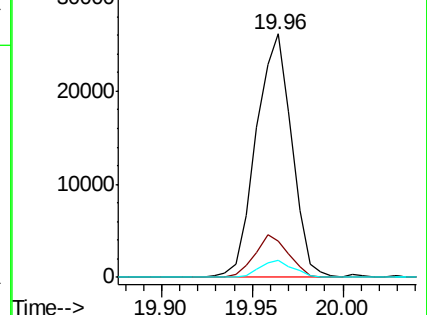
183 7.2 10.2 15.4#



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: 112.640 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045586.D

Acq: 3 Jun 2020 18:20

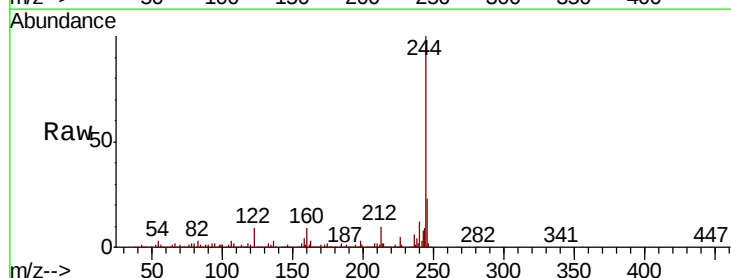
Tgt Ion:244 Resp: 1886734

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

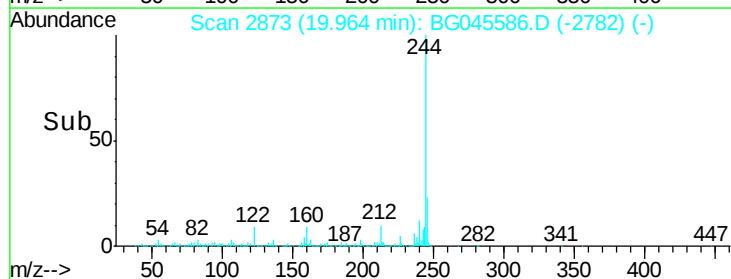
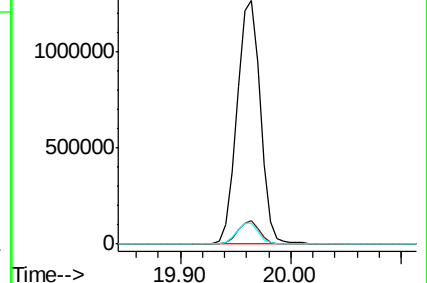
122 8.5 6.8 10.2

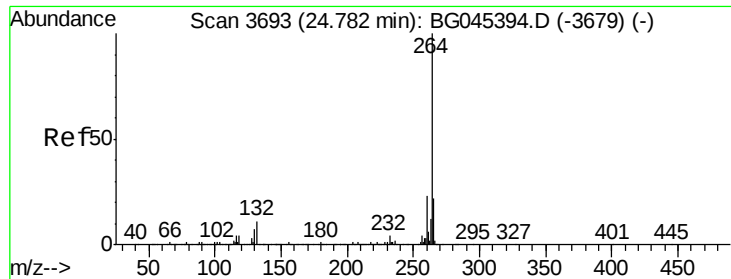


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

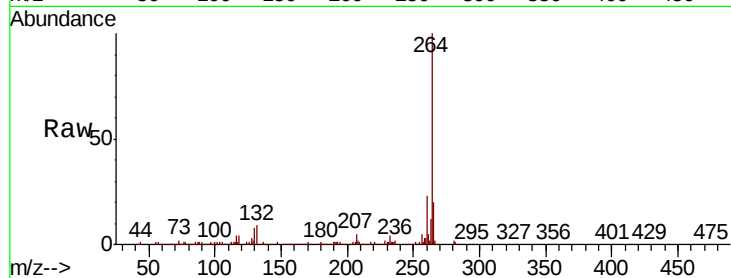




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045586.D
Acq: 3 Jun 2020 18:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	413158
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.2	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

