

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045633.D
 Acq On : 6 Jun 2020 3:39
 Operator : CG/JU
 Sample : PB129334TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129334TB

Quant Time: Jun 06 04:45:36 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

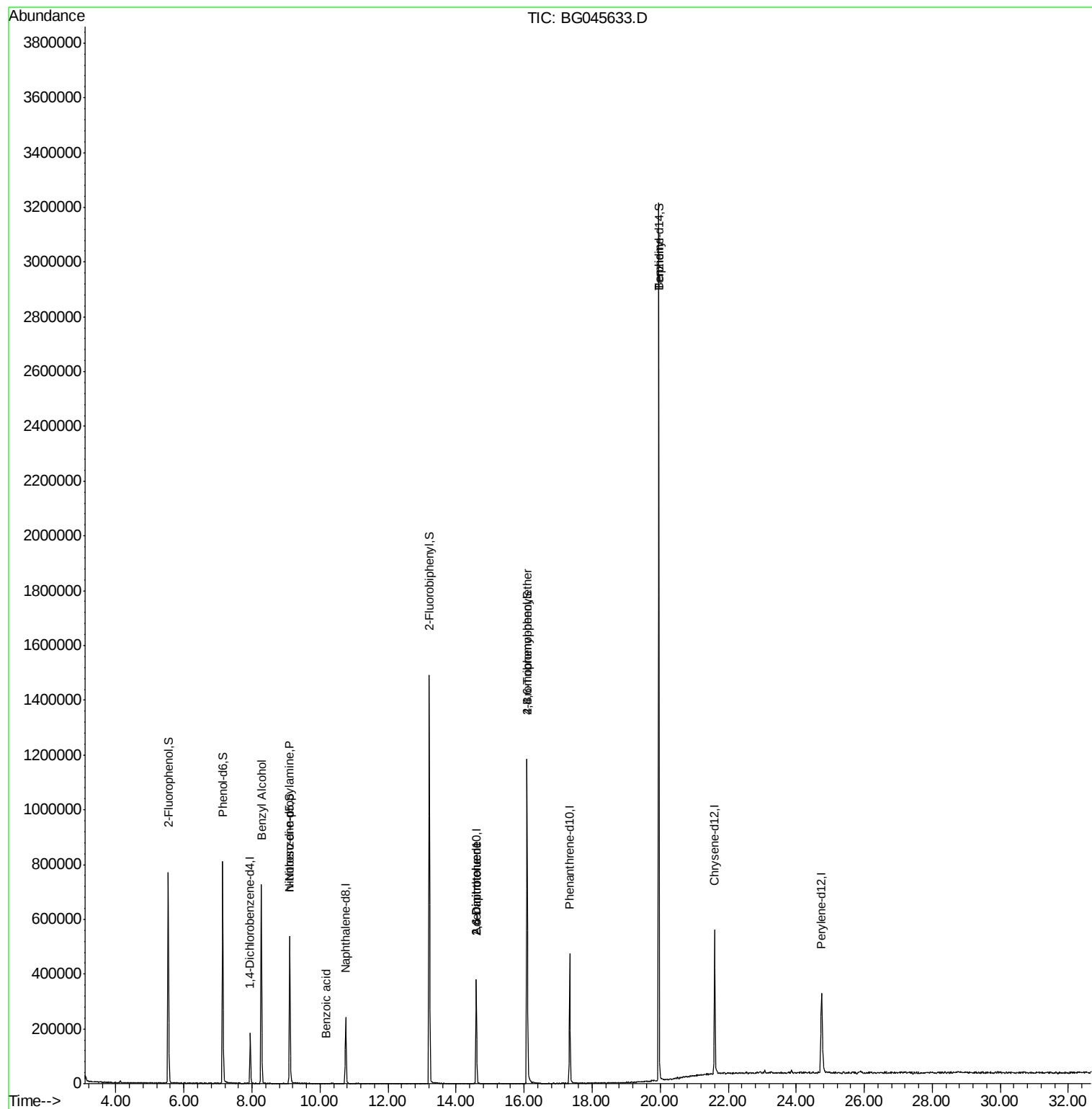
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	54525	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	220049	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	147959	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	346493	20.00	ng	0.00
76) Chrysene-d12	21.60	240	358943	20.00	ng	0.00
87) Perylene-d12	24.75	264	377400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	382087	136.95	ng	0.00
7) Phenol-d6	7.14	99	528746	133.15	ng	0.00
23) Nitrobenzene-d5	9.11	82	367619	91.10	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	263495	139.25	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	840963	96.41	ng	0.00
79) Terphenyl-d14	19.96	244	1576882	102.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	6953	2.120	ng	# 66
19) n-Nitroso-di-n-propylamine	9.11	70	50019	18.215	ng	# 85
32) Benzoic acid	10.19	122	59	10.047	ng	# 1
51) 2,6-Dinitrotoluene	14.60	165	19195	8.381	ng	# 23
57) 2,4-Dinitrotoluene	14.60	165	19195	5.787	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	17449	4.651	ng	# 1
77) Benzidine	19.96	184	29142	2.891	ng	# 90

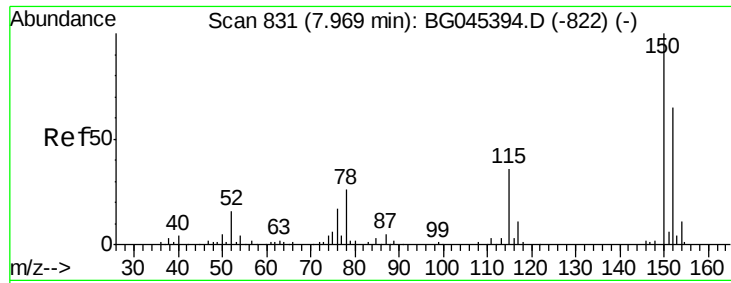
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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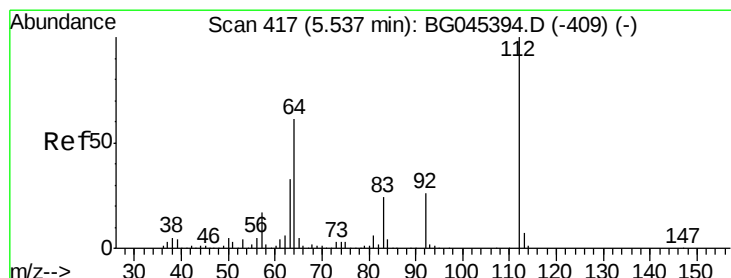
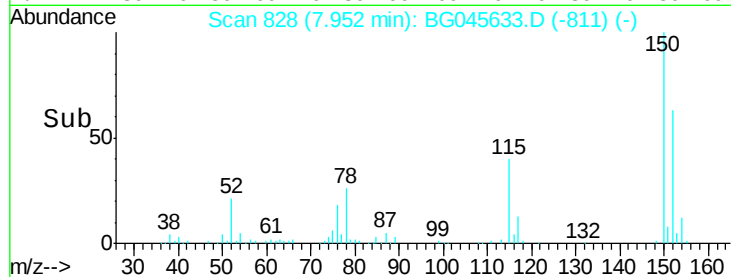
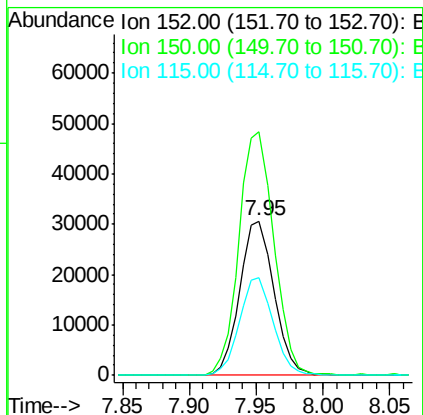
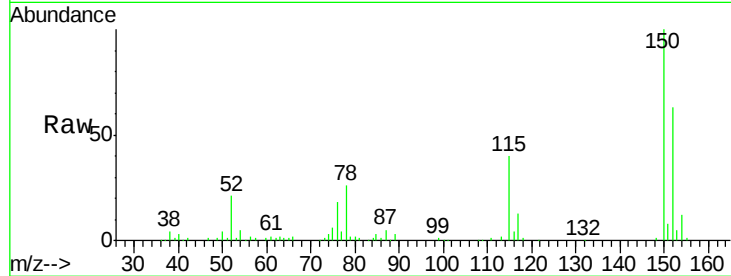


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Instrument :
BNA_G
ClientSampleId :
PB129334TB

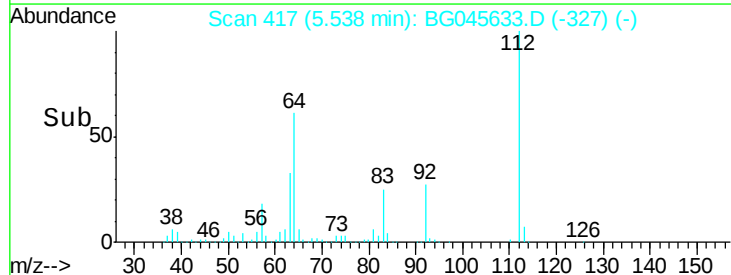
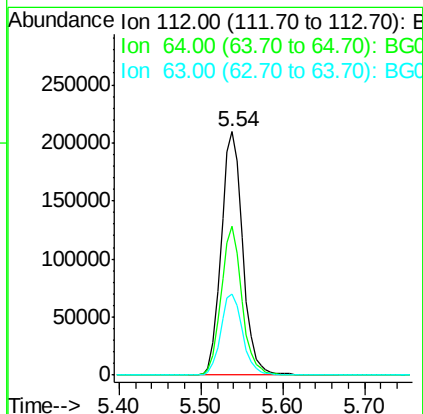
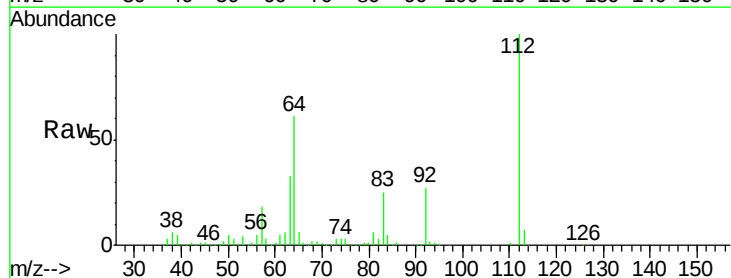
Tot Ion:152 Resp: 54525
Ion Ratio Lower Upper
152 100
150 157.5 122.4 183.6
115 63.0 44.2 66.4



#5

2-Fluorophenol
Concen: 136.948 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Tgt Ion:112 Resp: 382087
Ion Ratio Lower Upper
112 100
64 61.2 48.6 72.8
63 33.5 26.5 39.7





#7

Phenol-d6

Concen: 133.151 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

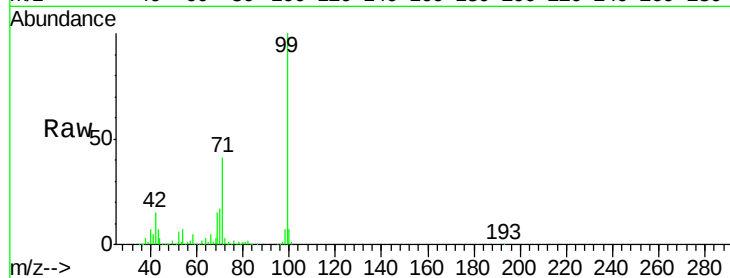
Tot Ion: 99 Resp: 528746

Ion Ratio Lower Upper

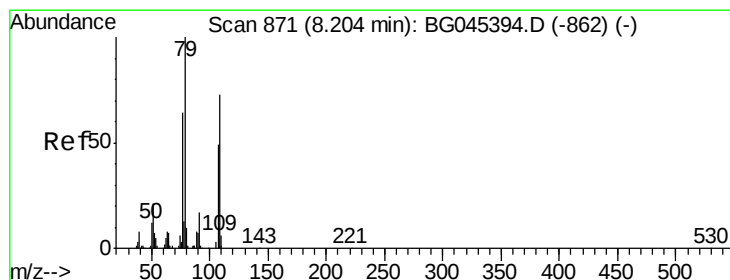
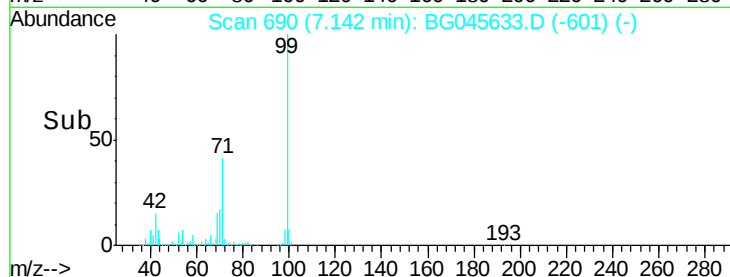
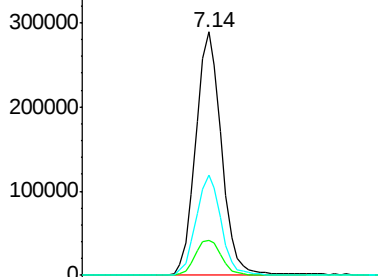
99 100

42 14.6 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: 2.120 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

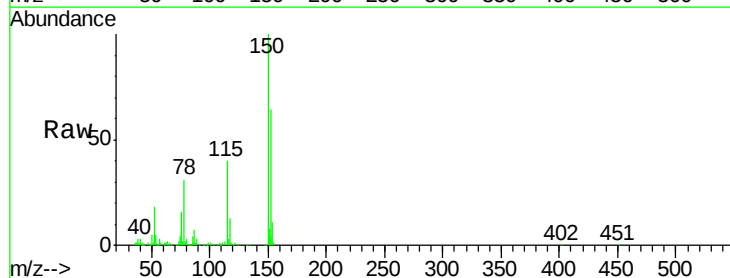
Tgt Ion: 79 Resp: 6953

Ion Ratio Lower Upper

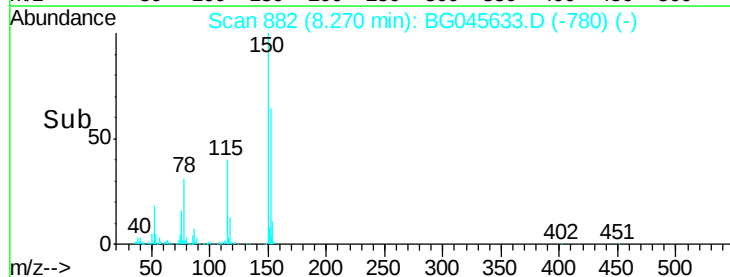
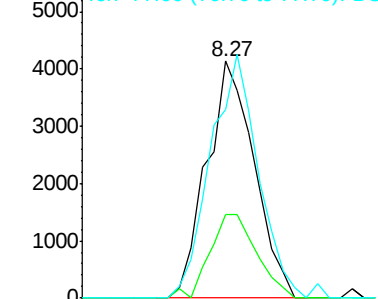
79 100

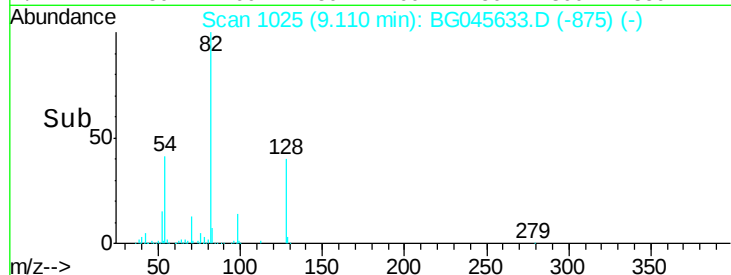
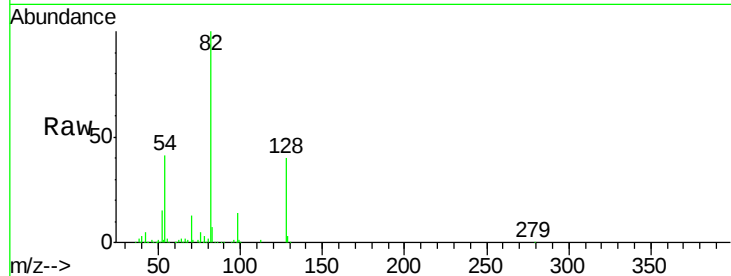
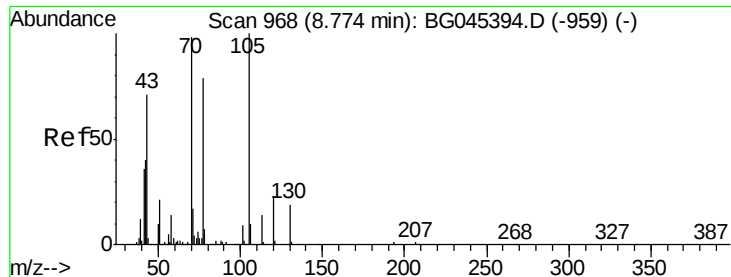
108 35.1 58.2 87.4#

77 79.8 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

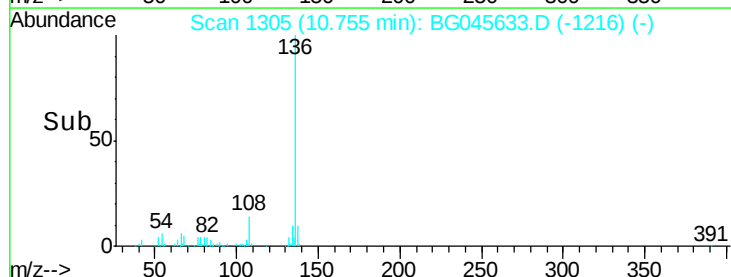
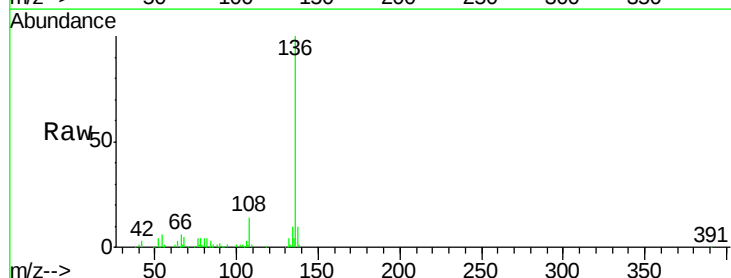
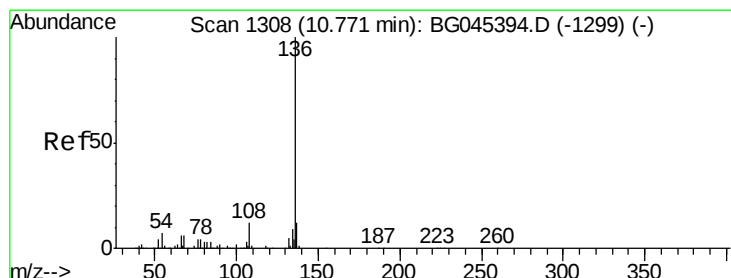
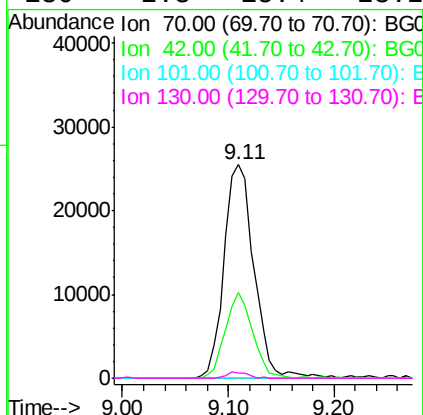




#19
n-Nitroso-di-n-propylamine
Concen: 18.215 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

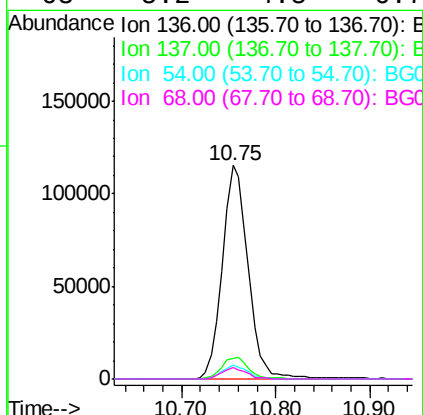
Instrument :
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PB129334TB

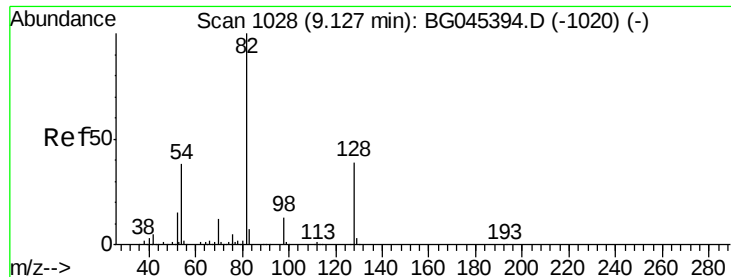
Tot Ion:	70	Resp:	50019
Ion	Ratio	Lower	Upper
70	100		
42	40.2	33.2	49.8
101	0.0	7.8	11.6#
130	2.3	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Tgt Ion:	136	Resp:	220049
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.4	14.2
54	6.4	5.8	8.6
68	5.2	4.5	6.7

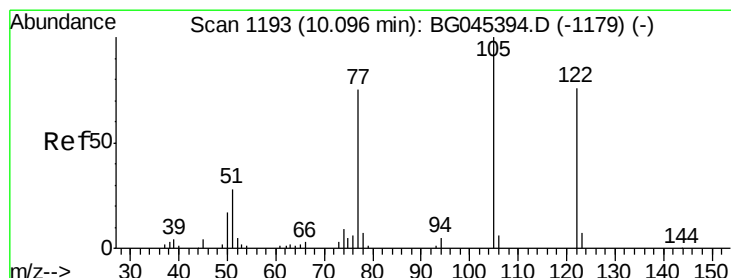
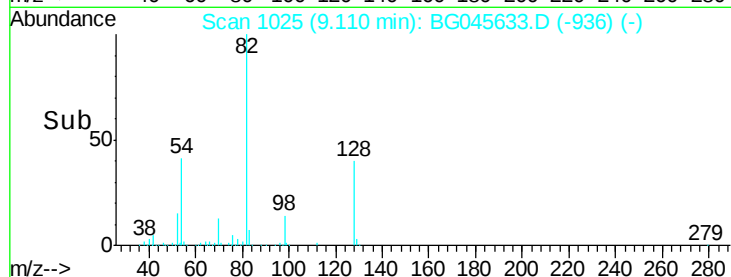
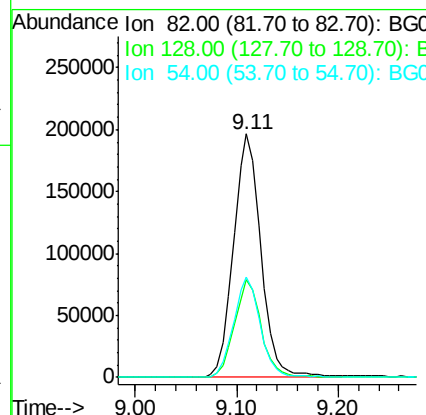
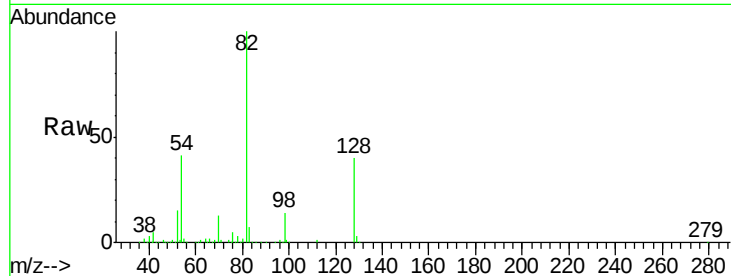




#23
Nitrobenzene-d5
Concen: 91.102 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

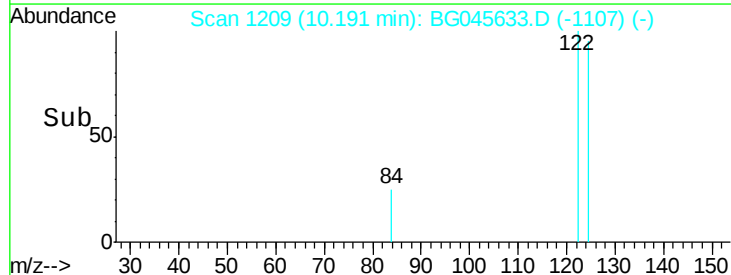
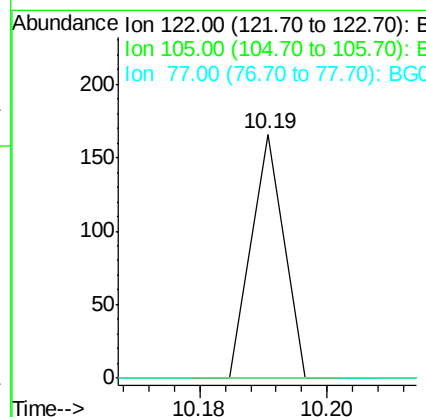
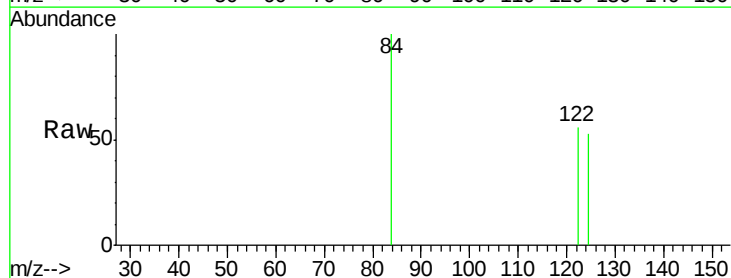
Instrument :
BNA_G
ClientSampleId :
PB129334TB

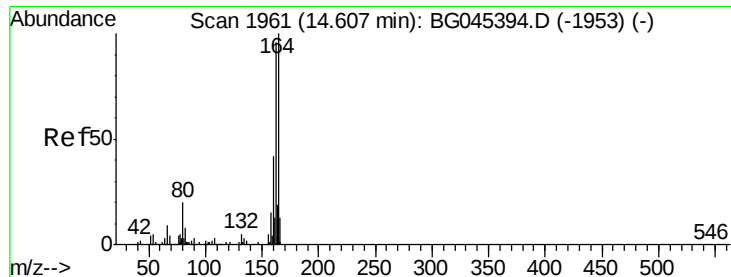
Tot Ion: 82 Resp: 367619
Ion Ratio Lower Upper
82 100
128 40.2 30.9 46.3
54 41.3 30.3 45.5



#32
Benzoic acid
Concen: 10.047 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.07 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Tgt Ion: 122 Resp: 59
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: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

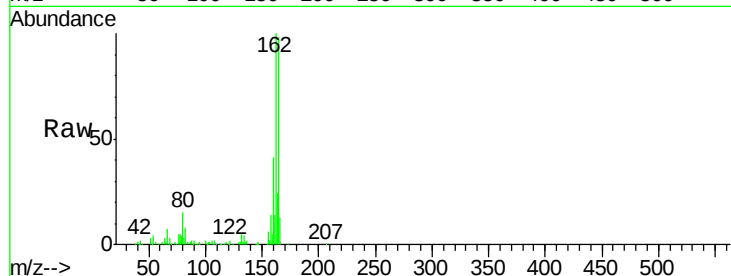
Tot Ion:164 Resp: 147959

Ion Ratio Lower Upper

164 100

162 101.6 76.9 115.3

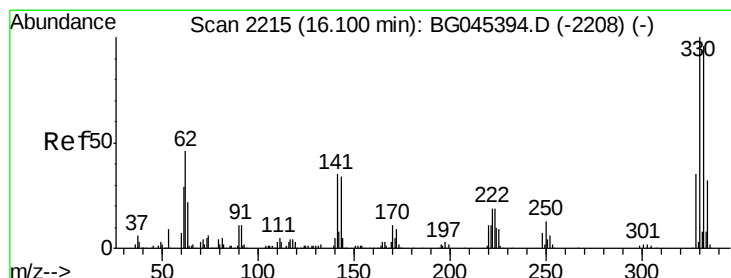
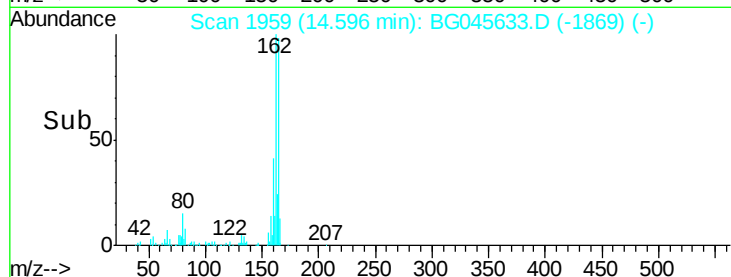
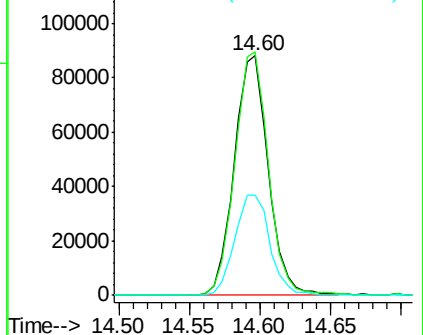
160 41.7 33.8 50.8



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: 139.251 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

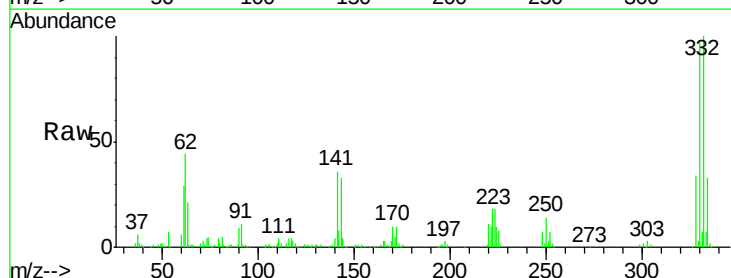
Tgt Ion:330 Resp: 263495

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.4

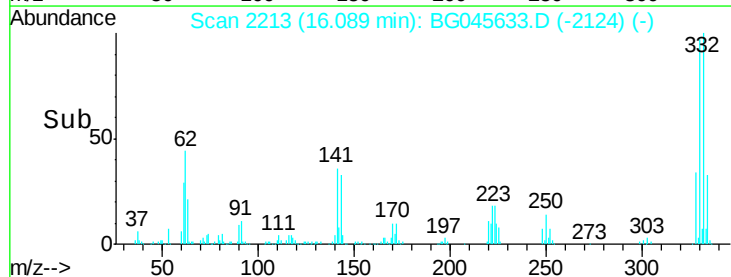
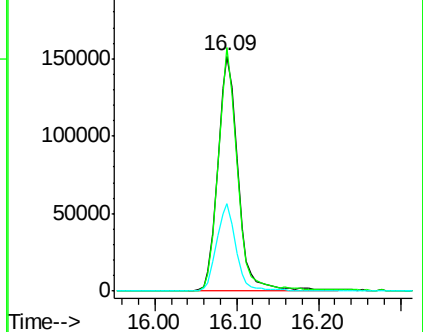
141 35.6 28.2 42.4

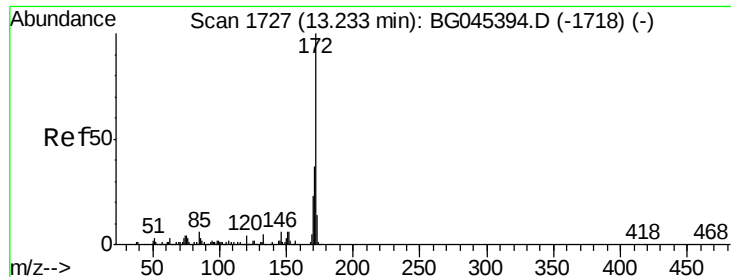


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

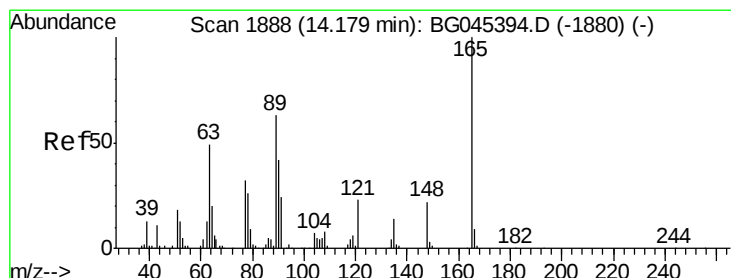
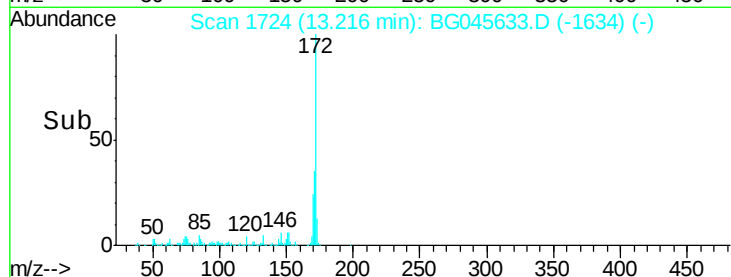
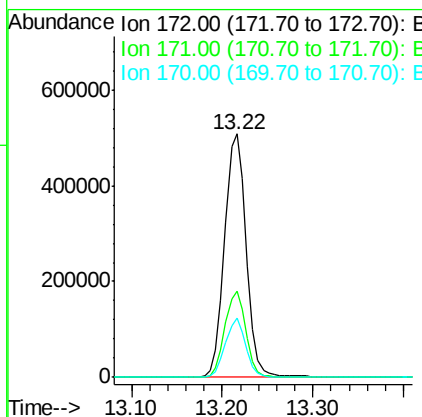
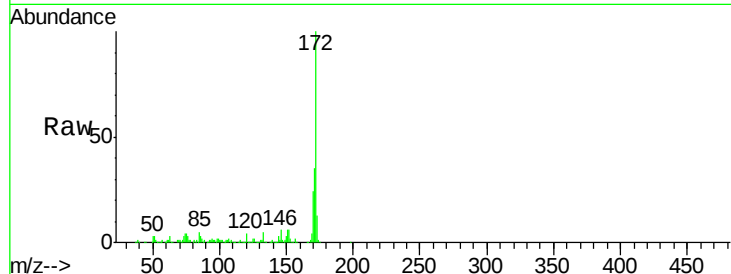




#45
2-Fluorobiphenyl
Concen: 96.408 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

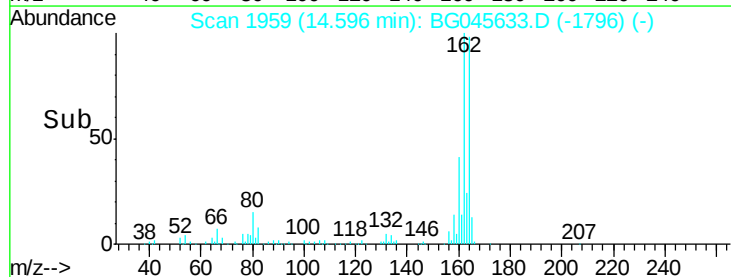
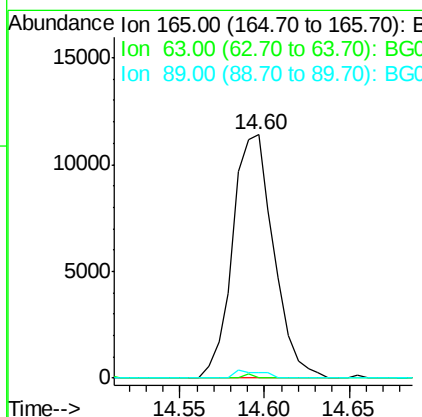
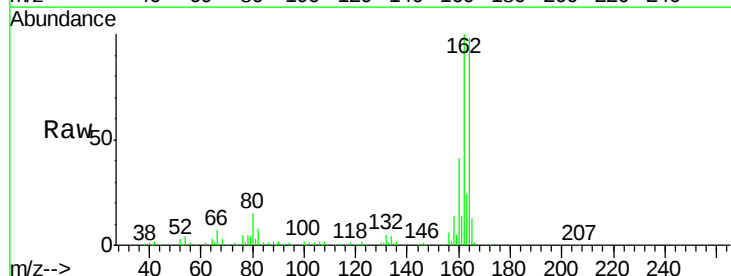
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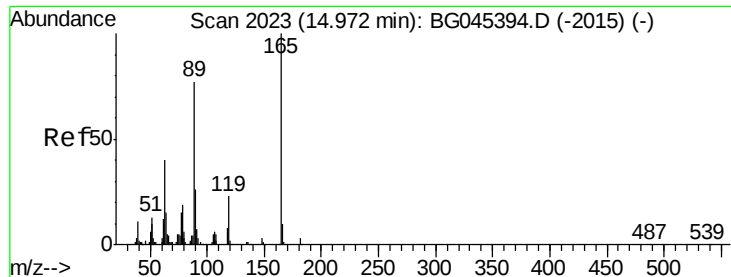
Tot Ion:172 Resp: 840963
Ion Ratio Lower Upper
172 100
171 35.2 29.5 44.3
170 24.3 18.5 27.7



#51
2,6-Dinitrotoluene
Concen: 8.381 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.43 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Tgt Ion:165 Resp: 19195
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.4#
89 2.4 50.2 75.4#

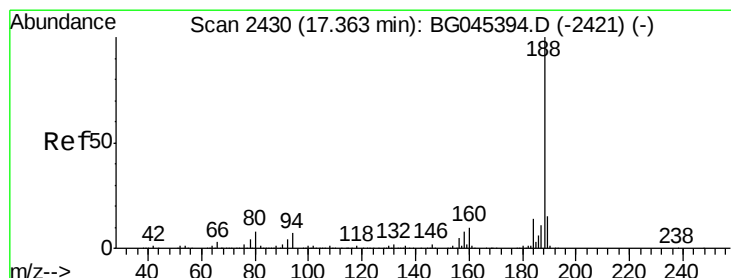
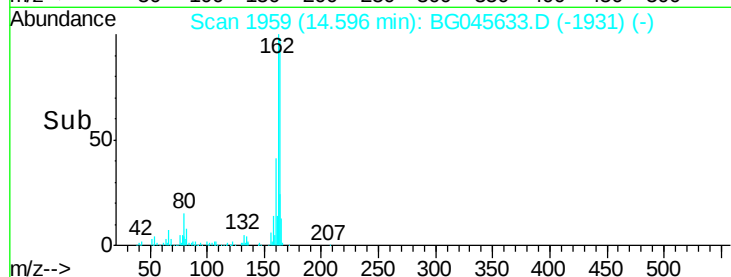
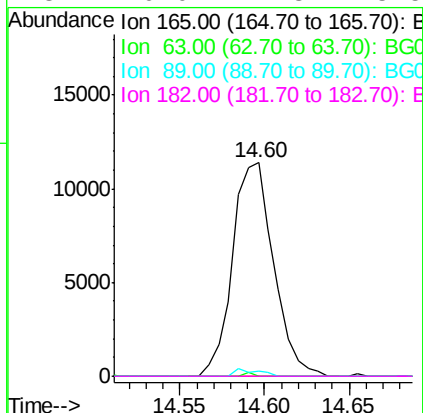
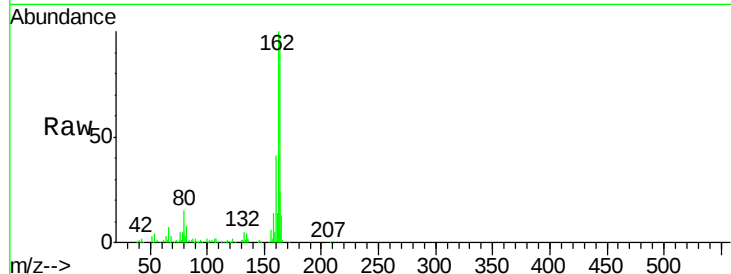




#57
2,4-Dinitrotoluene
Concen: 5.787 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

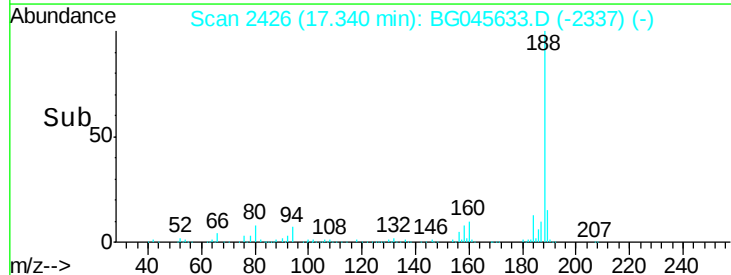
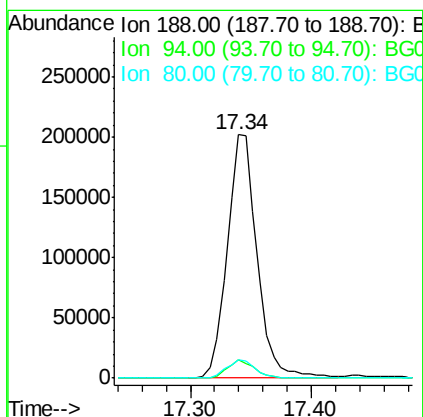
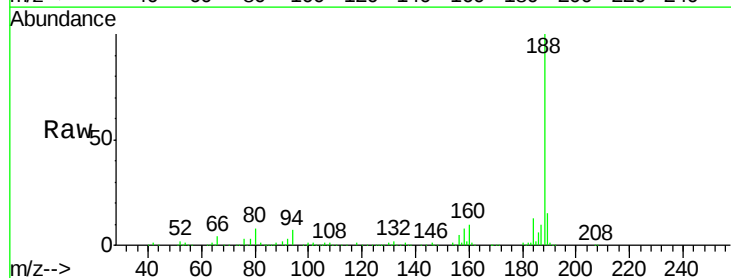
Instrument :
BNA_G
ClientSampleId :
PB129334TB

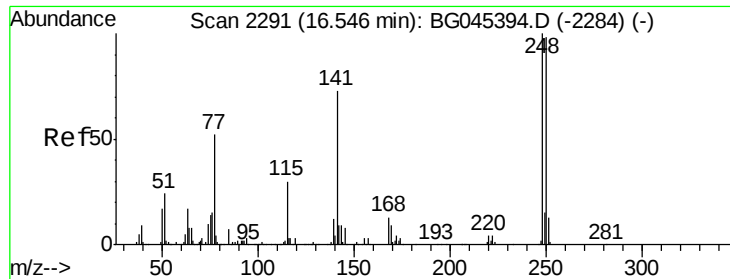
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.5	48.7#
89	2.4	61.8	92.6#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	7.7	6.6	10.0

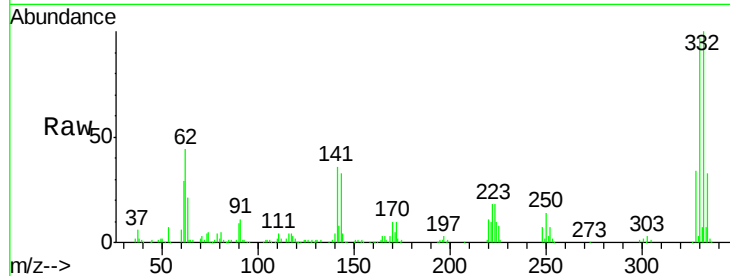




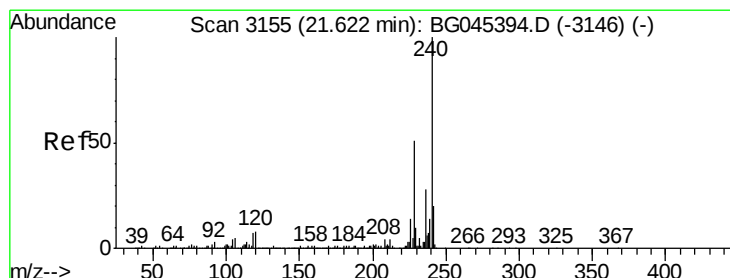
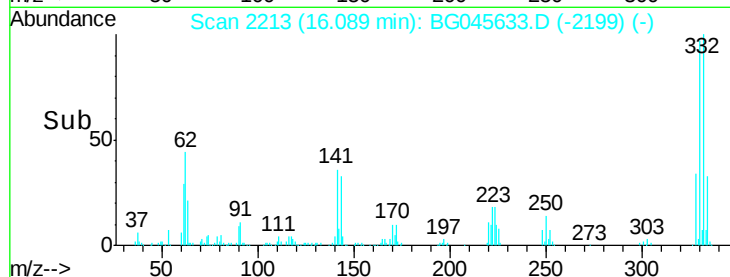
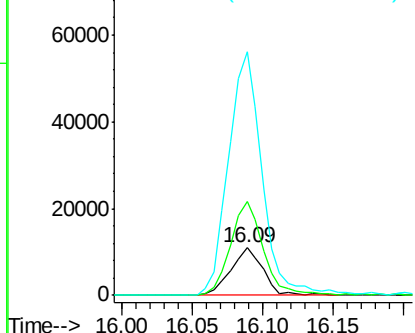
#67
4-Bromophenyl-phenylether
Concen: 4.651 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.45 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Instrument :
BNA_G
ClientSampleId :
PB129334TB

Tot Ion:248 Resp: 17449
Ion Ratio Lower Upper
248 100
250 198.1 78.6 117.8#
141 516.3 58.2 87.2#

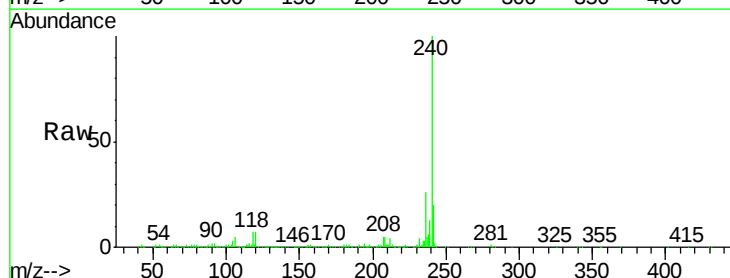


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

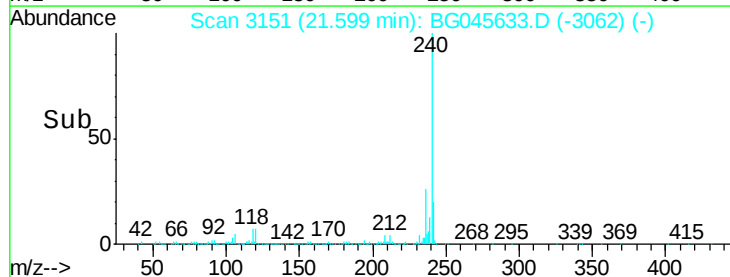
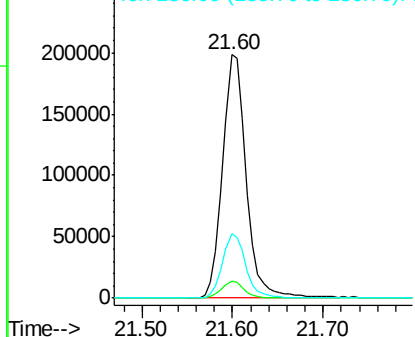


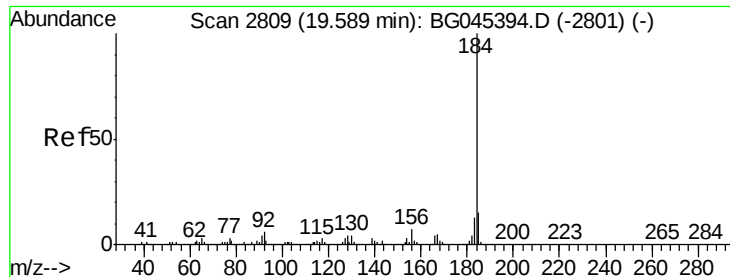
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Tgt Ion:240 Resp: 358943
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 26.5 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: 2.891 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

Instrument :

BNA_G

ClientSampleId :

PB129334TB

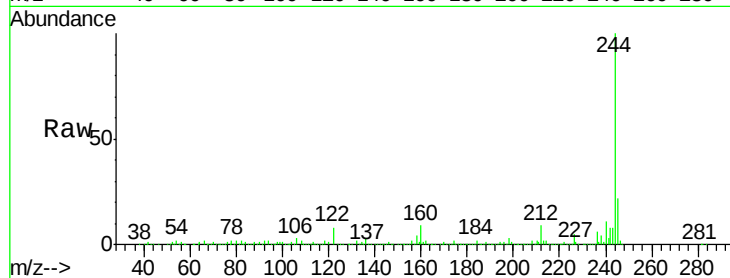
Tot Ion:184 Resp: 29142

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

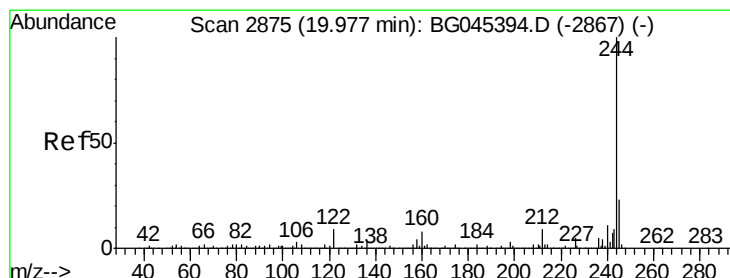
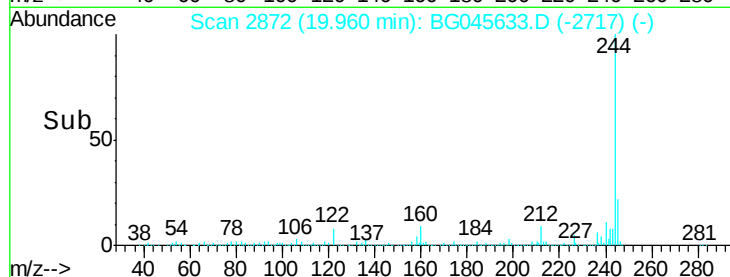
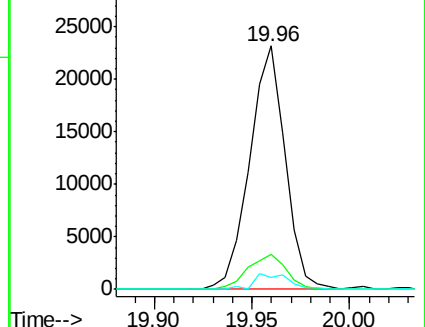
183 4.9 10.2 15.4#



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: 102.461 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045633.D

Acq: 6 Jun 2020 3:39

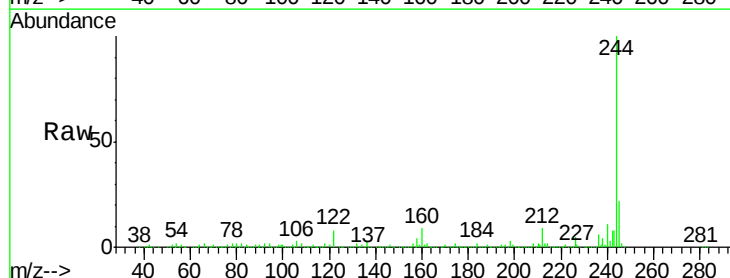
Tgt Ion:244 Resp: 1576882

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

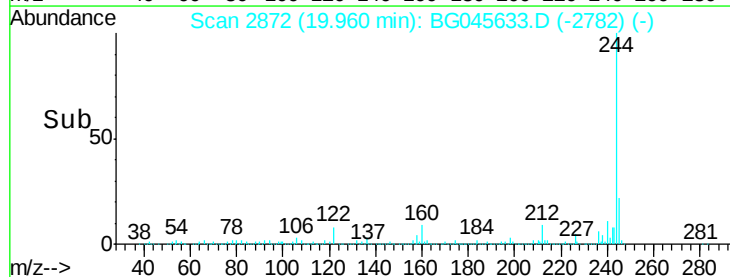
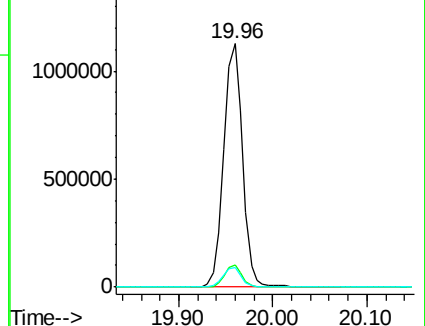
122 7.9 6.8 10.2

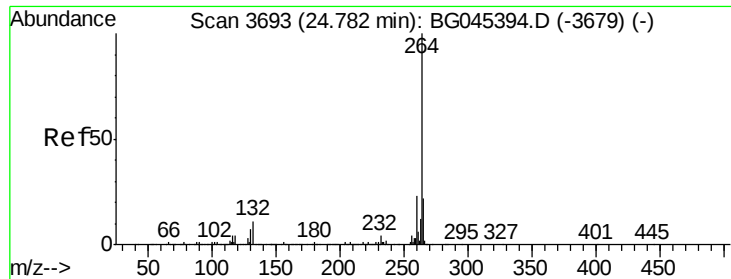


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045633.D
Acq: 6 Jun 2020 3:39

Instrument :
BNA_G
ClientSampleId :
PB129334TB

Tot Ion:264 Resp: 377400

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.8	17.6	26.4

