

Data File : BG045543.D
Acq On : 30 May 2020 6:42
Operator : CG/JU
Sample : L2790-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1-S

Quant Time: May 30 07:44:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

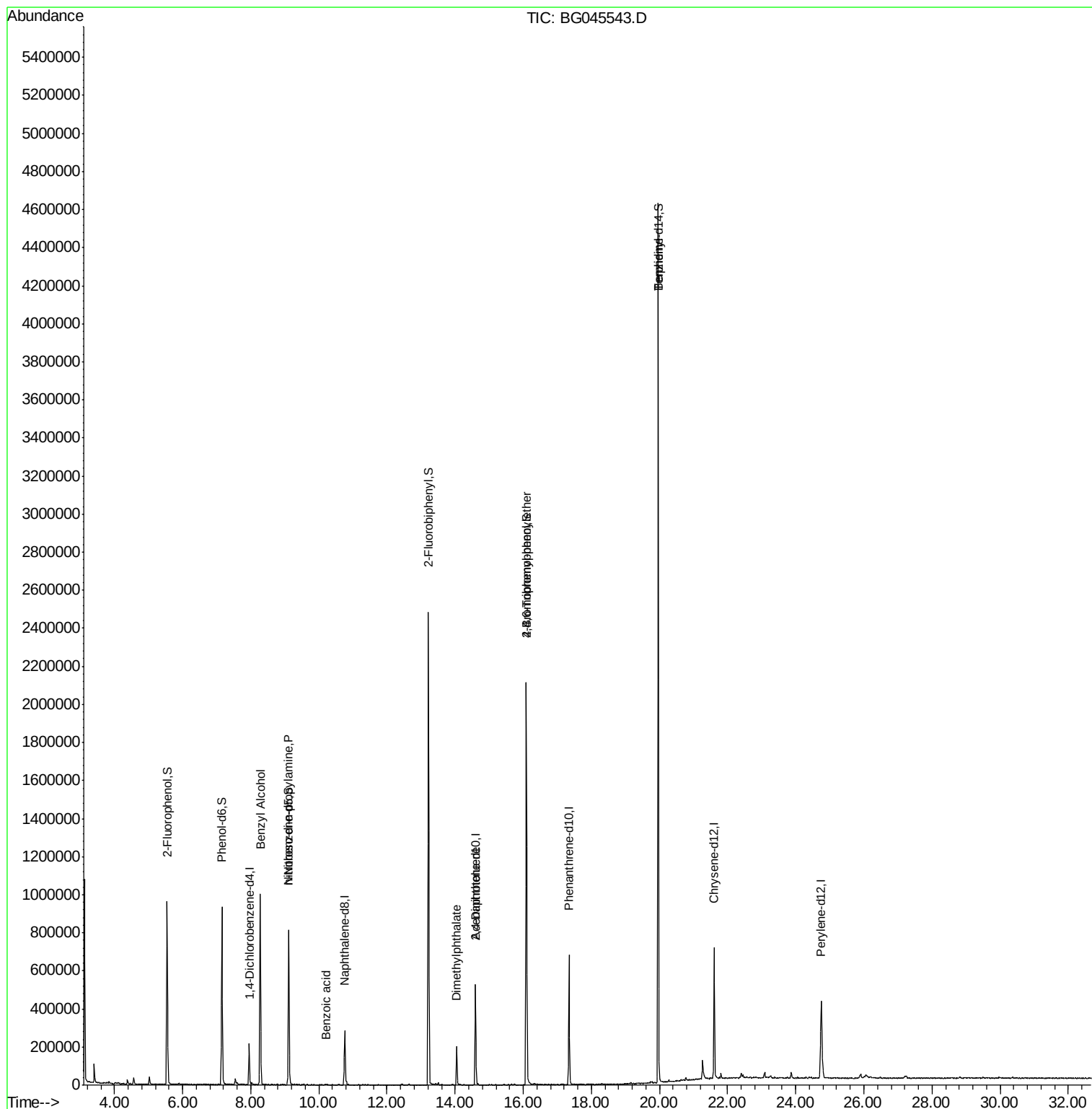
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	65847	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264346	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	196970	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	463894	20.00	ng	0.00
76) Chrysene-d12	21.61	240	445167	20.00	ng	0.00
87) Perylene-d12	24.75	264	468125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	476406	141.39	ng	0.00
7) Phenol-d6	7.16	99	629314	131.23	ng	0.00
23) Nitrobenzene-d5	9.11	82	561396	115.81	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	456359	181.17	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1318805	113.57	ng	0.00
79) Terphenyl-d14	19.96	244	2182979	114.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	9162	2.313	ng	# 62
19) n-Nitroso-di-n-propylamine	9.11	70	76552	23.084	ng	# 82
32) Benzoic acid	10.22	122	53	10.041	ng	# 1
50) Dimethylphthalate	14.05	163	146066	10.810	ng	99
57) 2,4-Dinitrotoluene	14.59	165	26649	6.035	ng	# 24
67) 4-Bromophenyl-phenylether	16.10	248	31027	6.177	ng	# 1
77) Benzidine	19.96	184	43555	3.484	ng	# 92

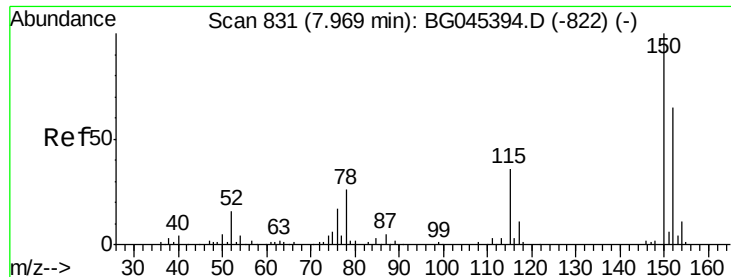
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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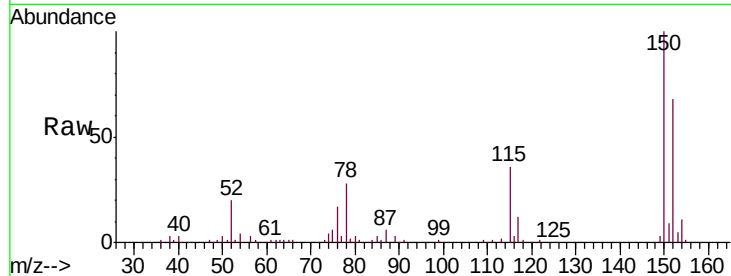


#1

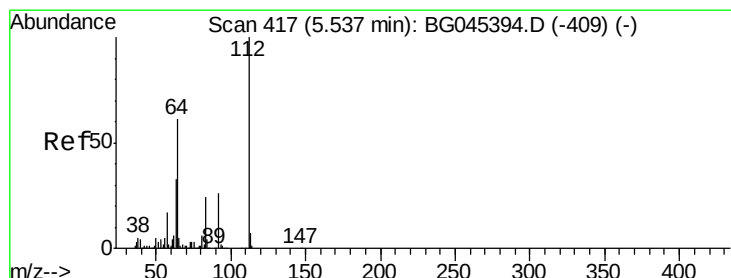
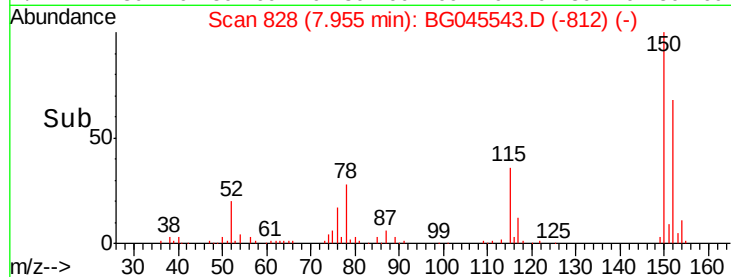
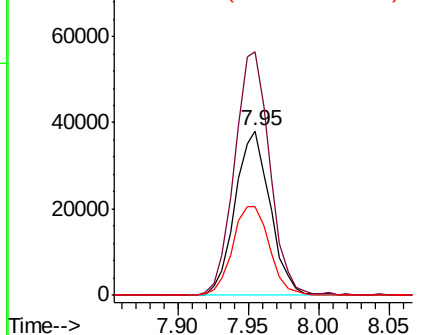
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Instrument :
BNA_G
ClientSampleId :
SB-1-S

Tgt Ion:152 Resp: 65847
Ion Ratio Lower Upper
152 100
150 147.7 122.4 183.6
115 53.9 44.2 66.4



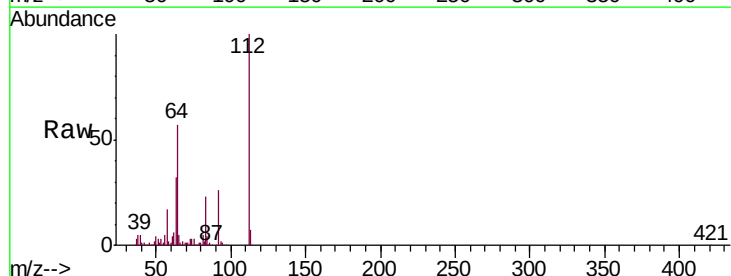
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



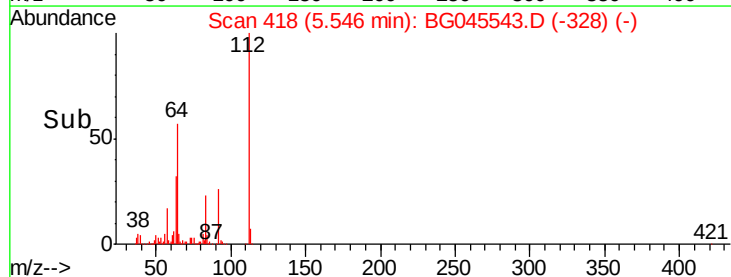
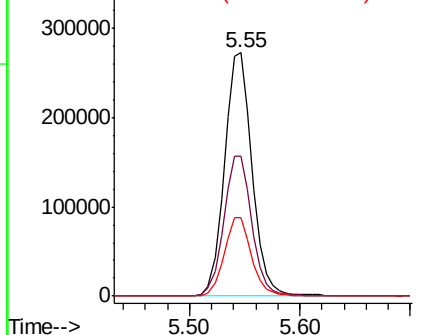
#5

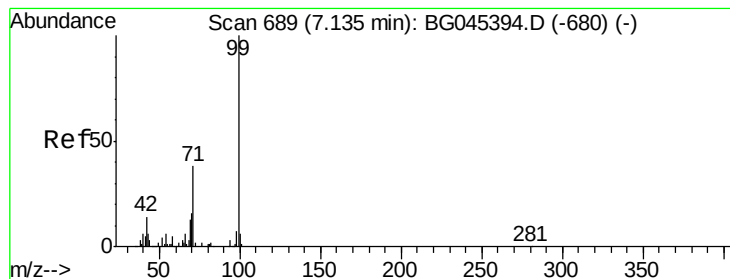
2-Fluorophenol
Concen: 141.394 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Tgt Ion:112 Resp: 476406
Ion Ratio Lower Upper
112 100
64 57.3 48.6 72.8
63 32.2 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: 131.228 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

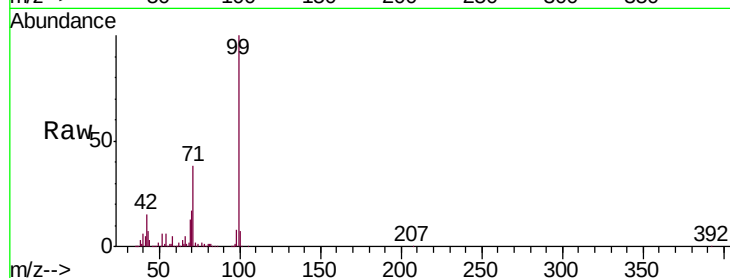
Tgt Ion: 99 Resp: 629314

Ion Ratio Lower Upper

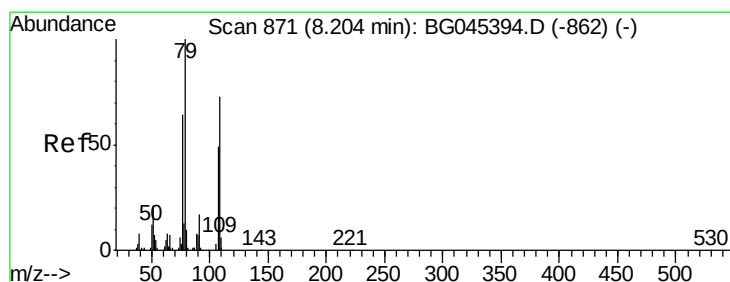
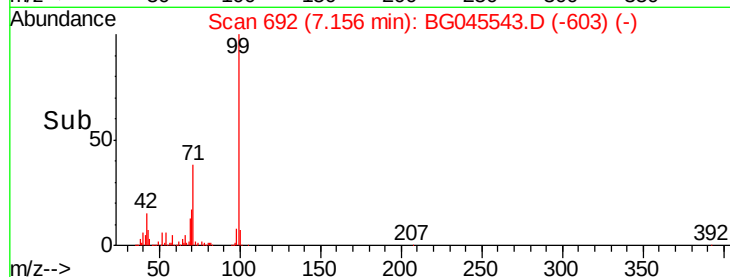
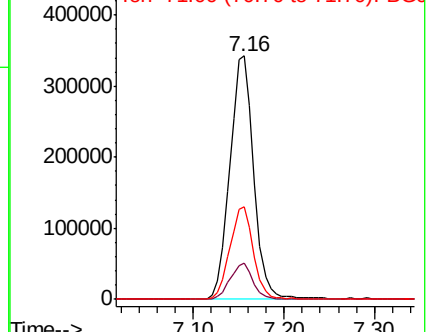
99 100

42 14.7 11.3 16.9

71 37.9 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: 2.313 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

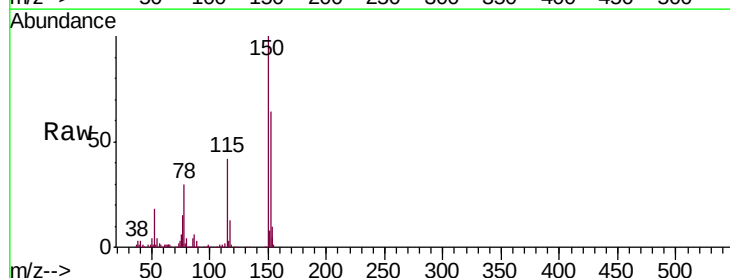
Tgt Ion: 79 Resp: 9162

Ion Ratio Lower Upper

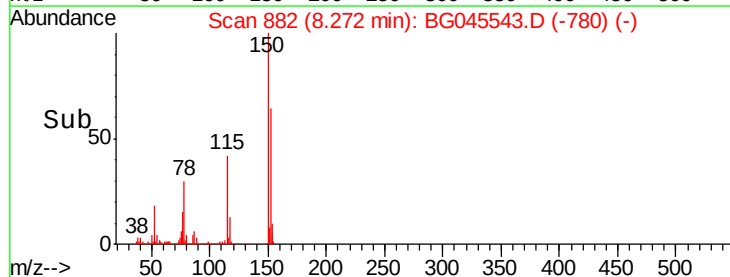
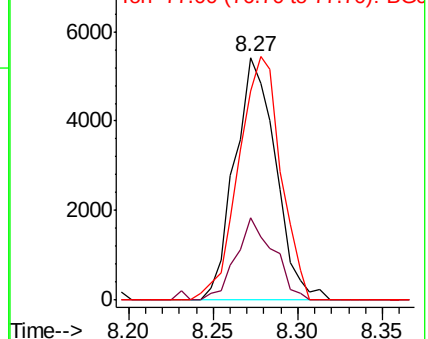
79 100

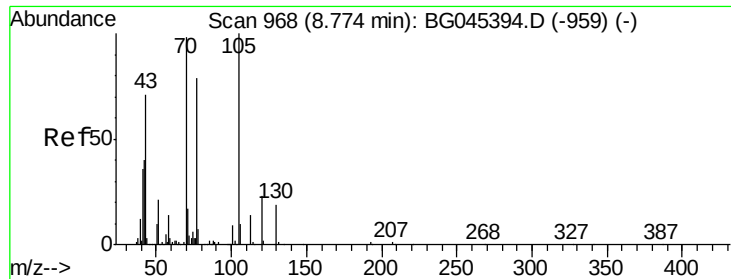
108 34.0 58.2 87.4#

77 86.1 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

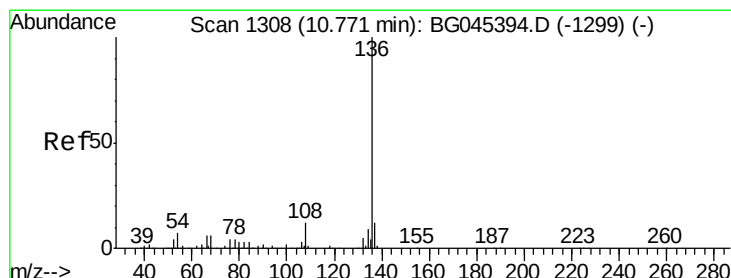
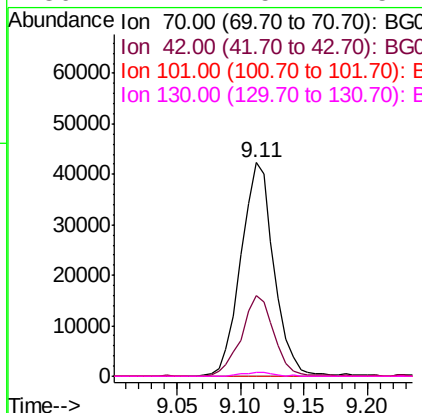
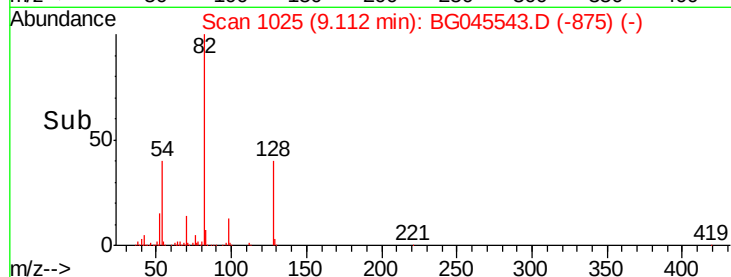
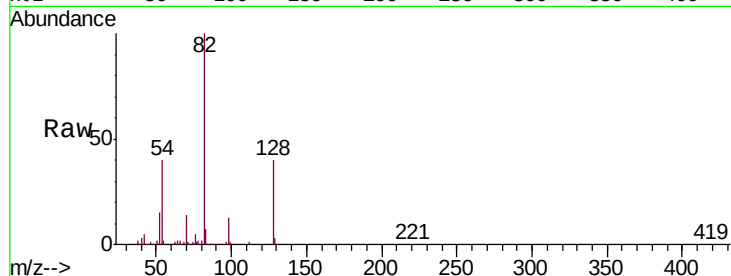




#19
n-Nitroso-di-n-propylamine
Concen: 23.084 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

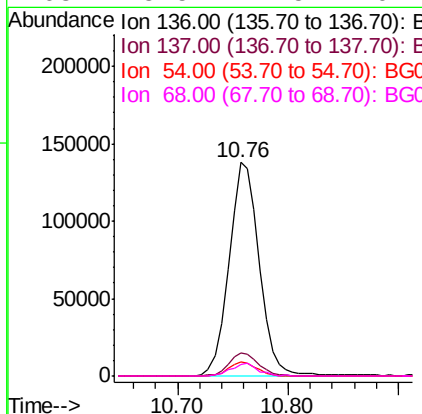
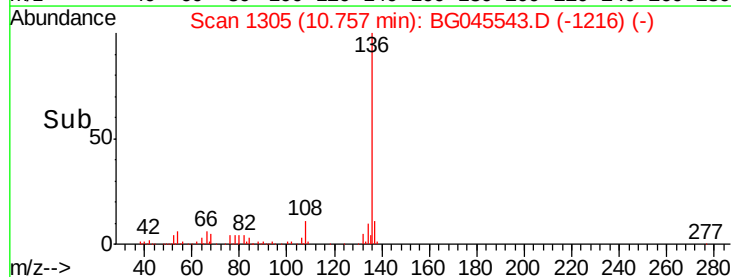
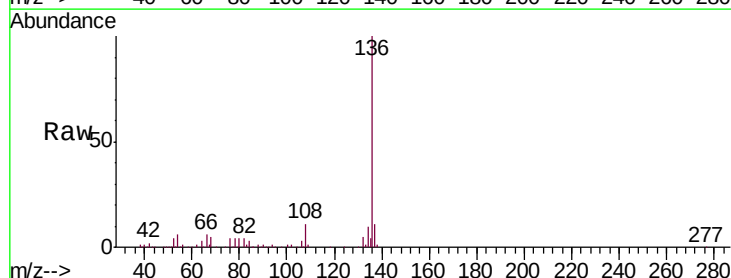
Instrument :
BNA_G
ClientSampleId :
SB-1-S

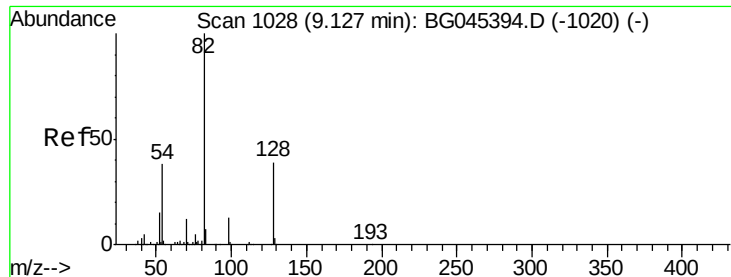
Tgt Ion: 70 Resp: 76552
Ion Ratio Lower Upper
70 100
42 37.7 33.2 49.8
101 0.0 7.8 11.6#
130 1.7 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Tgt Ion: 136 Resp: 264346
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 6.4 5.8 8.6
68 5.5 4.5 6.7

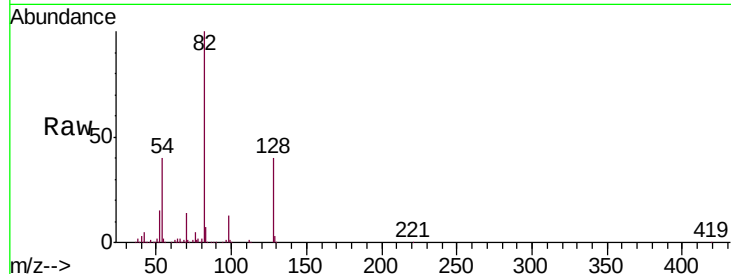




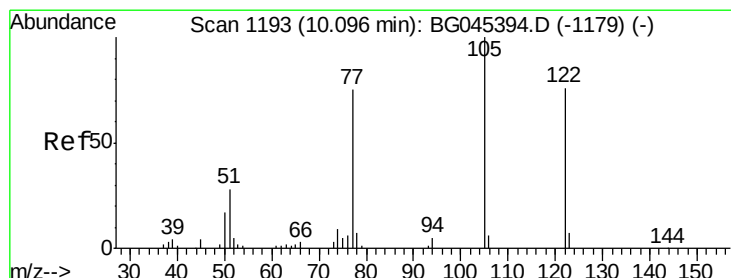
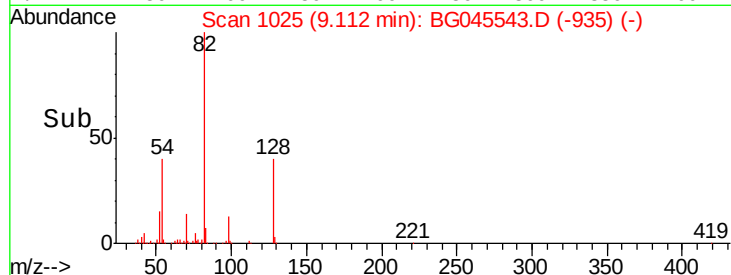
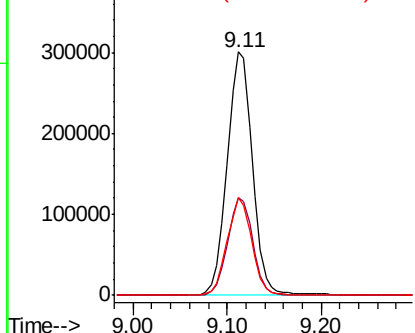
#23
Nitrobenzene-d5
Concen: 115.810 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Instrument :
BNA_G
ClientSampleId :
SB-1-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.9	46.3
54	40.2	30.3	45.5

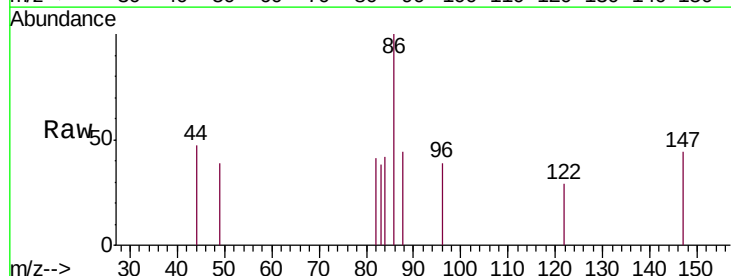


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

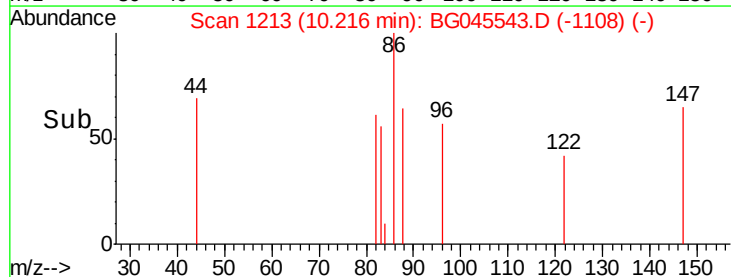
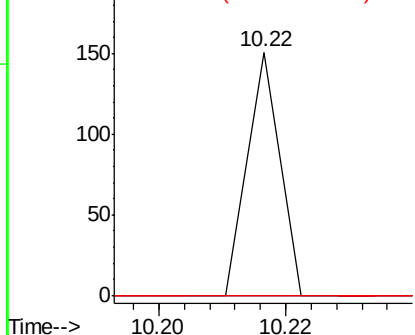


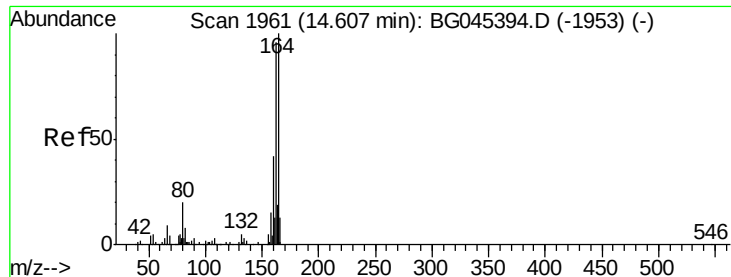
#32
Benzoic acid
Concen: 10.041 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.08 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Tgt Ion	Ratio	Lower	Upper
122	100		
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# 1959

Delta R.T. -0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

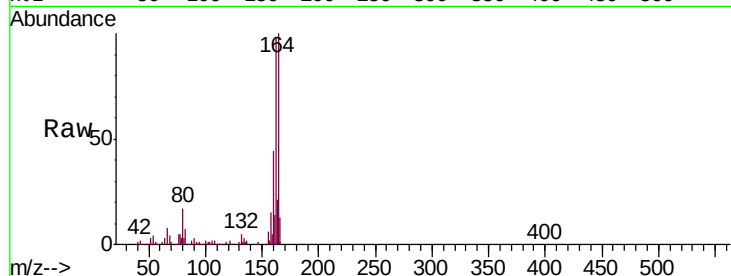
Tgt Ion:164 Resp: 196970

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

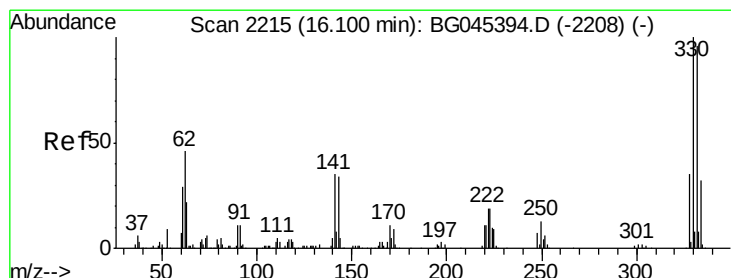
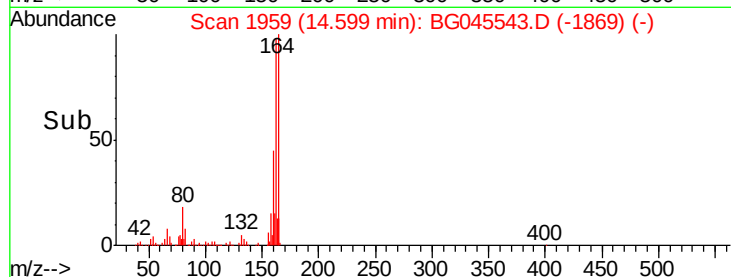
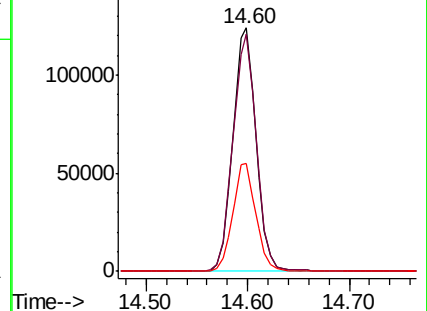
160 44.2 33.8 50.8



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: 181.165 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

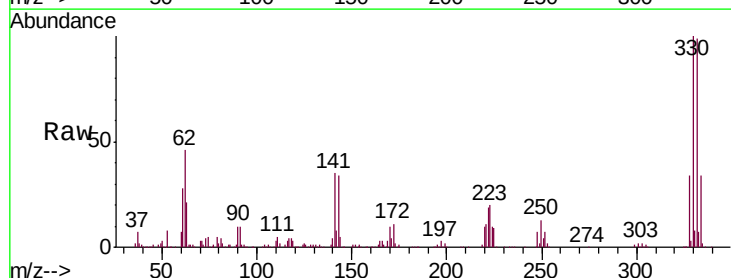
Tgt Ion:330 Resp: 456359

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

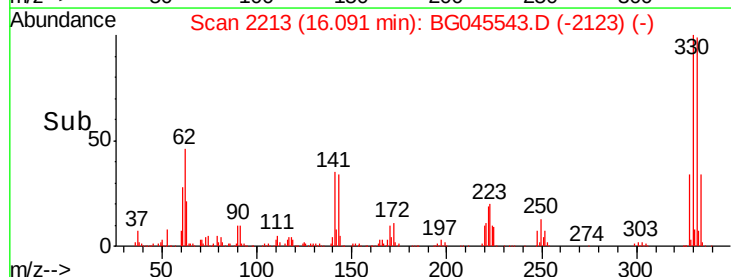
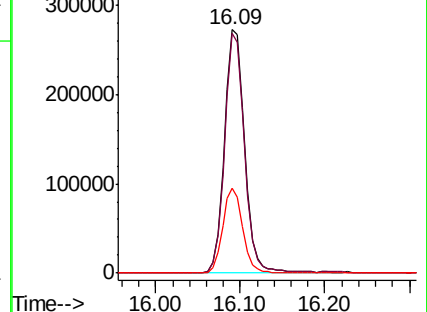
141 34.3 28.2 42.4

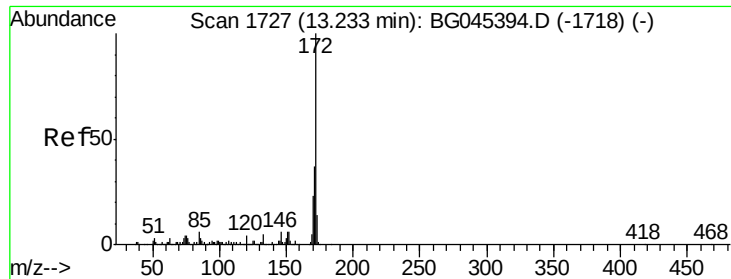


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

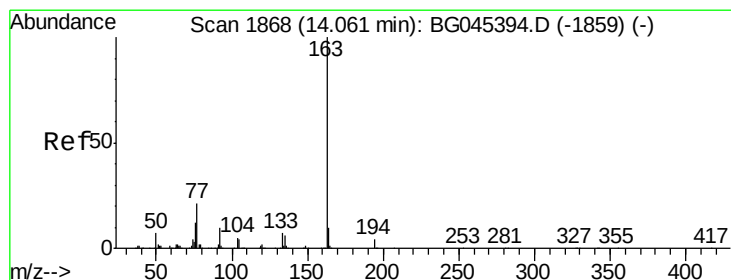
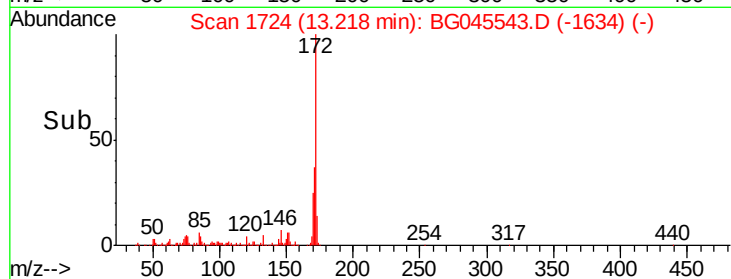
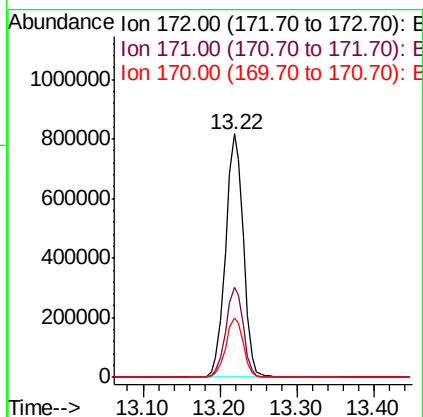
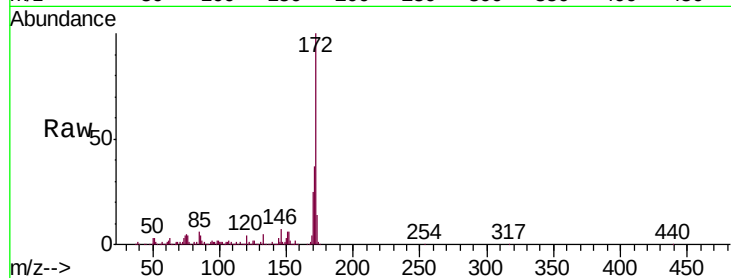




#45
2-Fluorobiphenyl
Concen: 113.569 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

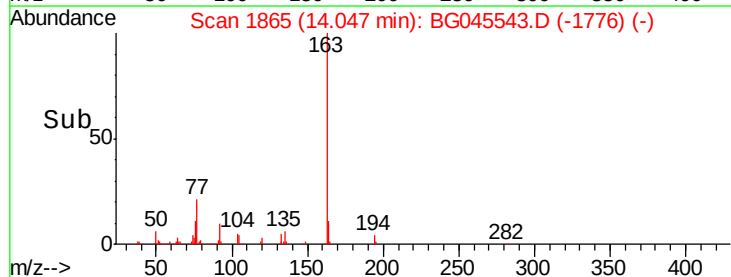
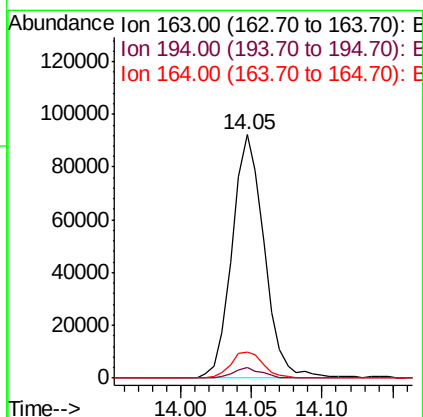
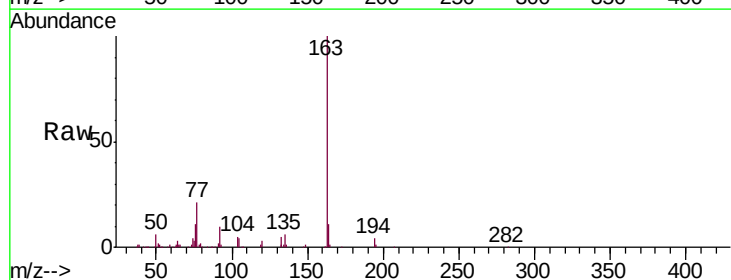
Instrument :
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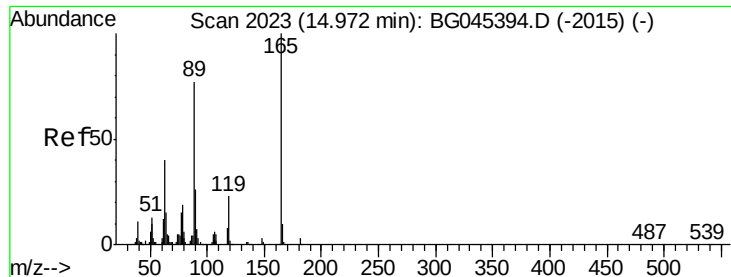
Tgt Ion:172 Resp: 1318805
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 24.5 18.5 27.7



#50
Dimethylphthalate
Concen: 10.810 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Tgt Ion:163 Resp: 146066
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 8.3 12.5

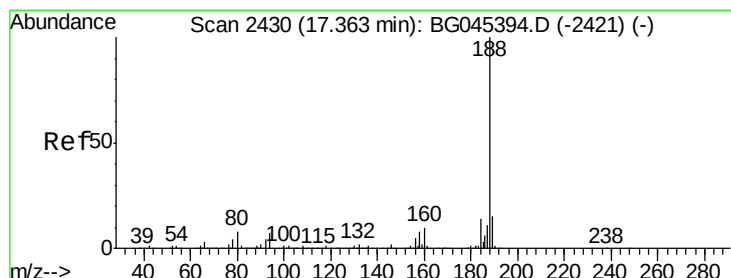
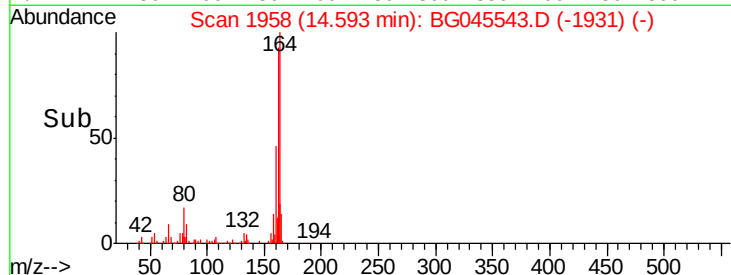
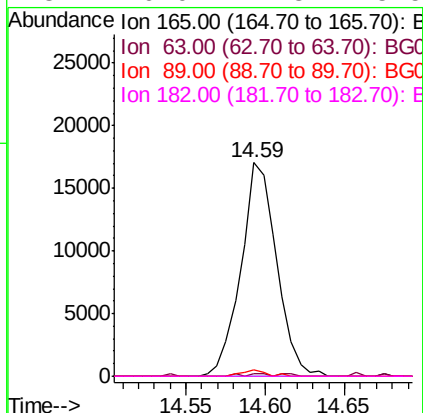
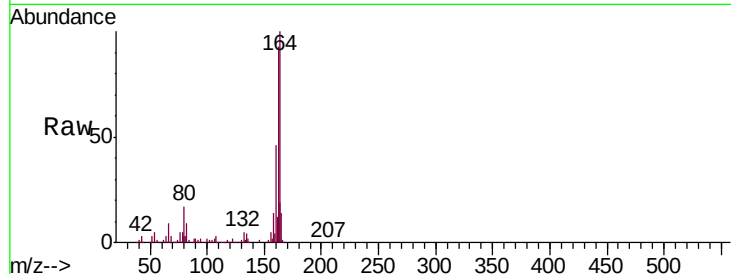




#57
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

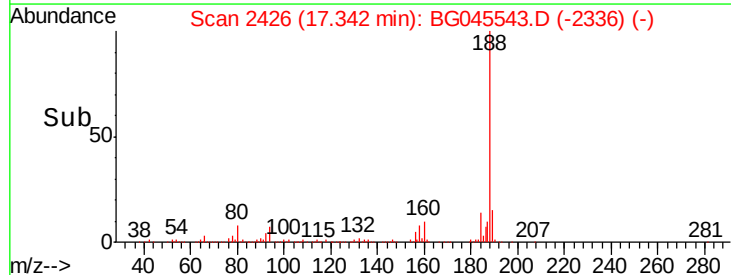
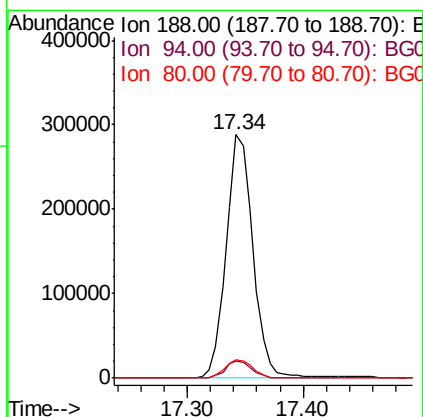
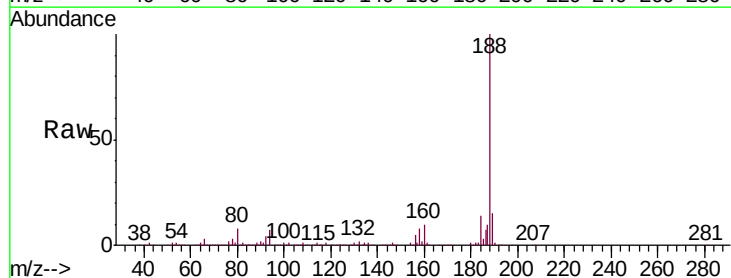
Instrument :
BNA_G
ClientSampled :
SB-1-S

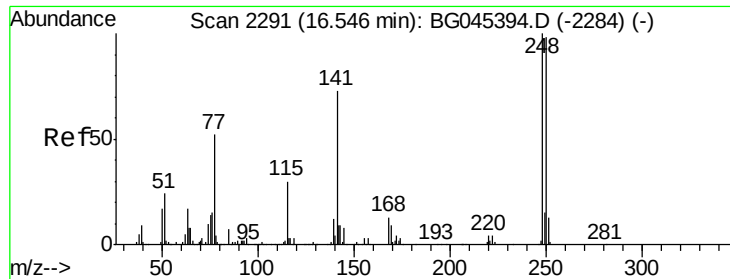
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.5	48.7#
89	2.9	61.8	92.6#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	7.7	6.6	10.0

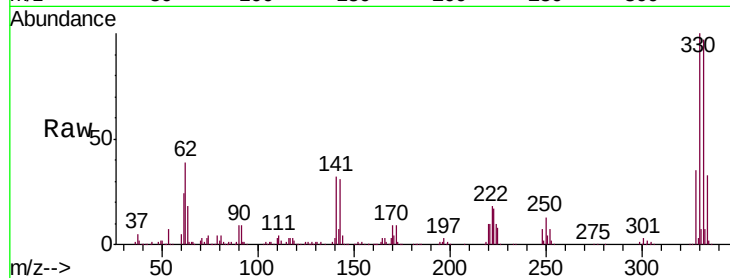




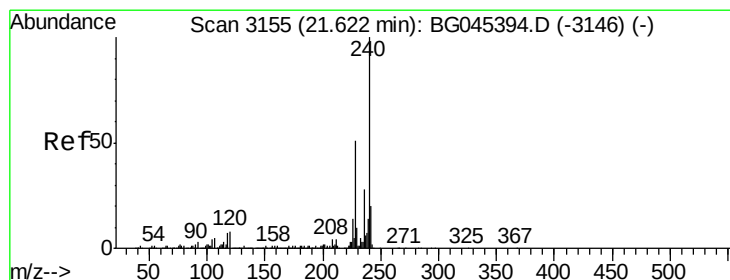
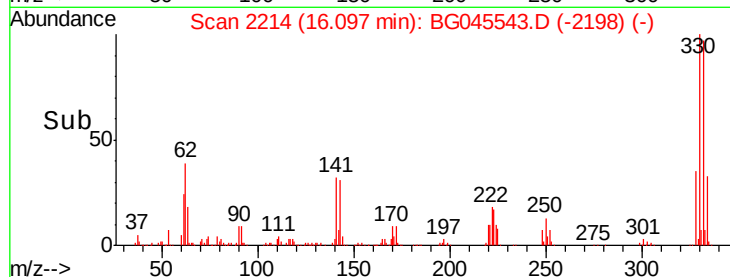
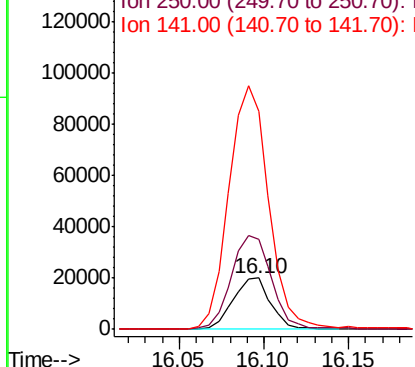
#67
4-Bromophenyl-phenylether
Concen: 6.177 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.44 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Instrument :
BNA_G
ClientSampleId :
SB-1-S

Tgt Ion:248 Resp: 31027
Ion Ratio Lower Upper
248 100
250 175.8 78.6 117.8#
141 428.0 58.2 87.2#

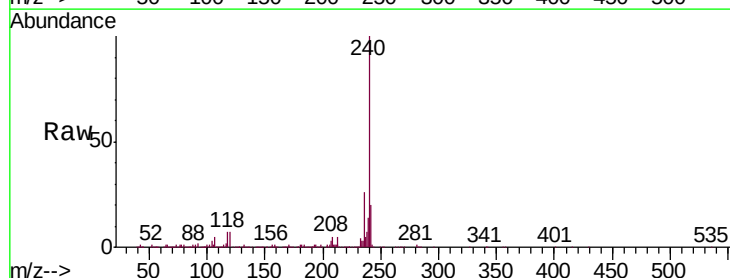


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

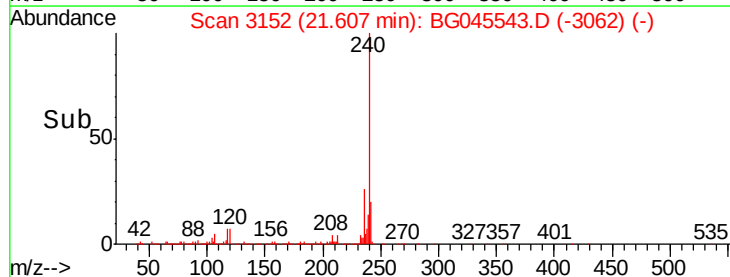
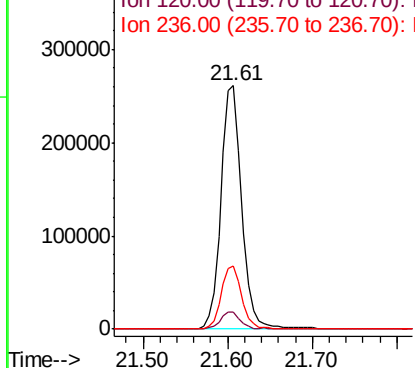


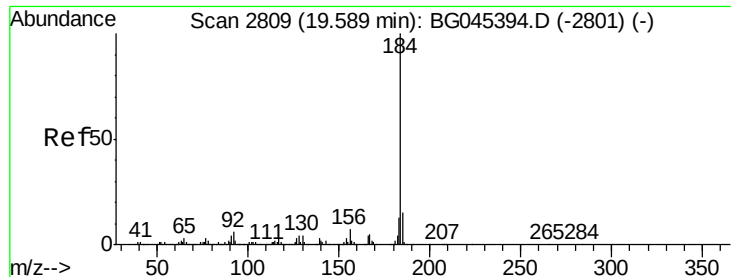
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Tgt Ion:240 Resp: 445167
Ion Ratio Lower Upper
240 100
120 7.2 6.1 9.1
236 25.8 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: 3.484 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

Instrument :

BNA_G

ClientSampleId :

SB-1-S

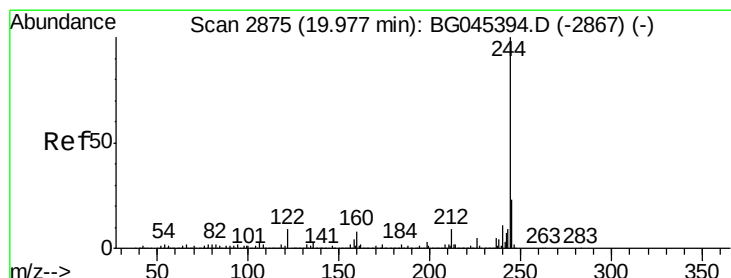
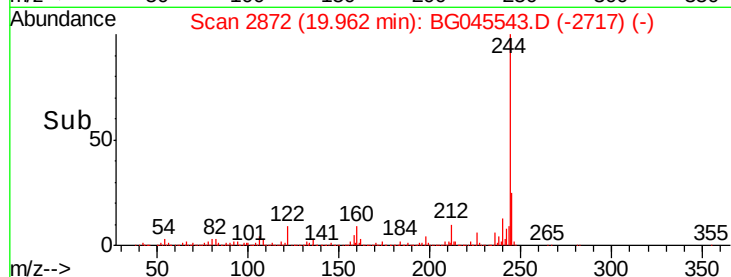
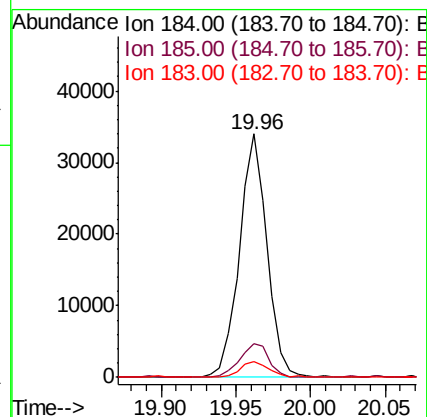
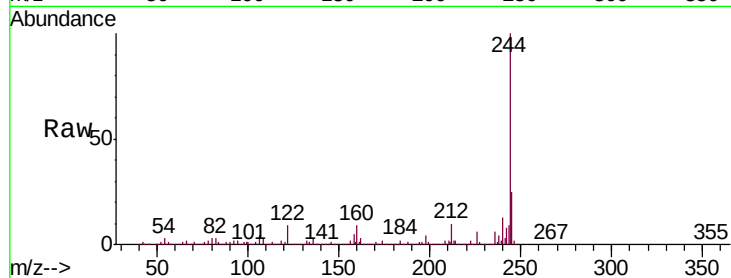
Tgt Ion:184 Resp: 43555

Ion Ratio Lower Upper

184 100

185 13.7 11.7 17.5

183 6.7 10.2 15.4#



#79

Terphenyl-d14

Concen: 114.370 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045543.D

Acq: 30 May 2020 6:42

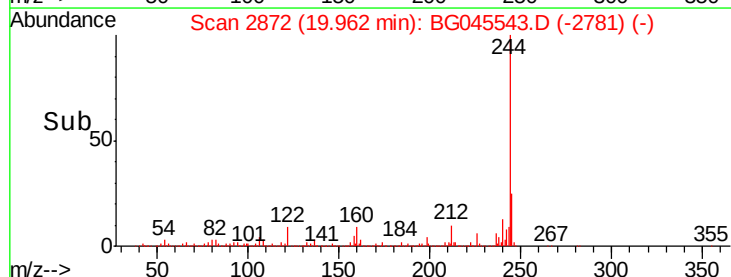
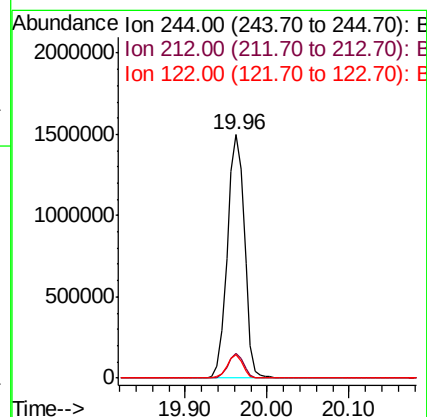
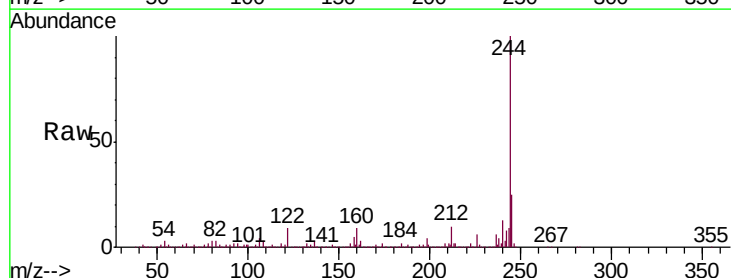
Tgt Ion:244 Resp: 2182979

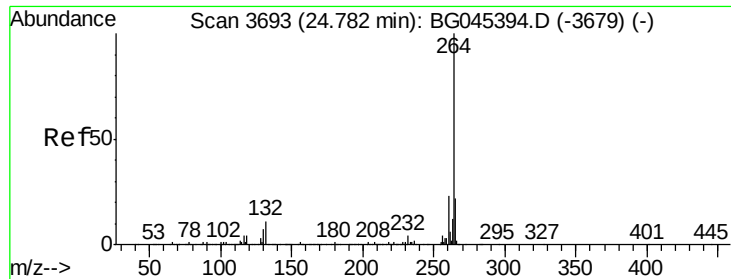
Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

122 9.5 6.8 10.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045543.D
Acq: 30 May 2020 6:42

Instrument :
BNA_G
ClientSampleId :
SB-1-S

Tgt Ion:	264	Resp:	468125
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.0	17.6	26.4

