

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045546.D
 Acq On : 30 May 2020 8:42
 Operator : CG/JU
 Sample : L2790-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-S

Quant Time: May 31 22:45:44 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

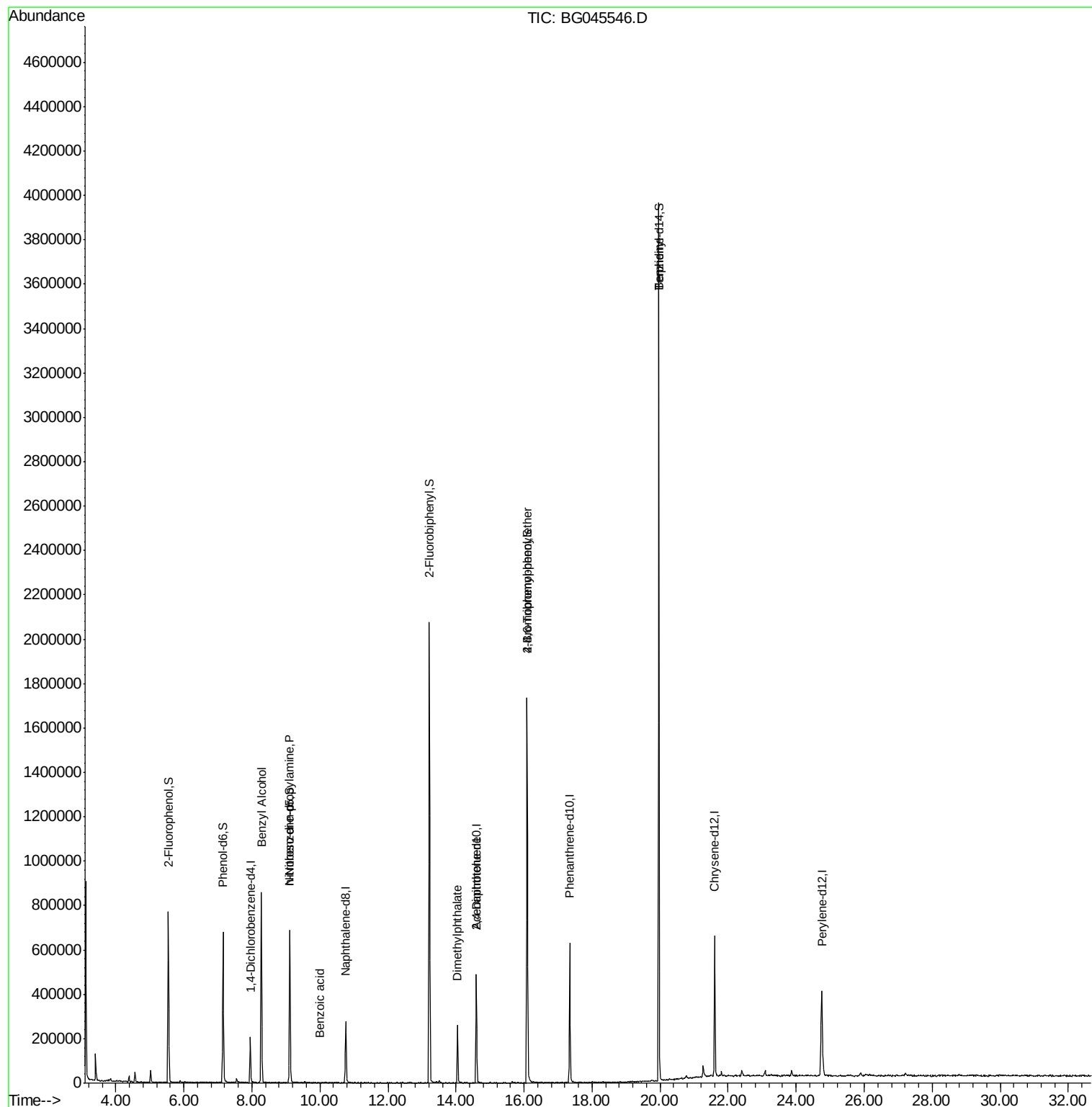
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61973	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	255046	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	182784	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	428773	20.00	ng	0.00
76) Chrysene-d12	21.61	240	414397	20.00	ng	0.00
87) Perylene-d12	24.75	264	440764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	379987	119.83	ng	0.00
7) Phenol-d6	7.15	99	460432	102.01	ng	-0.02
23) Nitrobenzene-d5	9.11	82	482777	103.22	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	364174	155.79	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1122114	104.13	ng	0.00
79) Terphenyl-d14	19.96	244	1905133	107.22	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	8415	2.257	ng	# 60
19) n-Nitroso-di-n-propylamine	9.11	70	67923	21.762	ng	# 82
32) Benzoic acid	10.00	122	56	10.043	ng	# 1
50) Dimethylphthalate	14.05	163	179068	14.281	ng	# 98
57) 2,4-Dinitrotoluene	14.60	165	23514	5.738	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	24444	5.265	ng	# 1
77) Benzidine	19.96	184	36236	3.113	ng	# 89

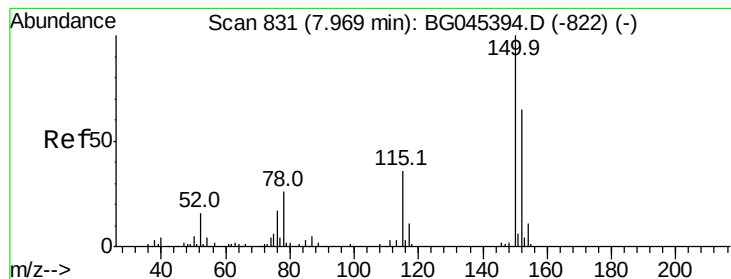
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 11:17:45 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: BG045546.D

Acq: 30 May 2020 8:42

Instrument :

BNA_G

ClientSampled :

SB-7-S

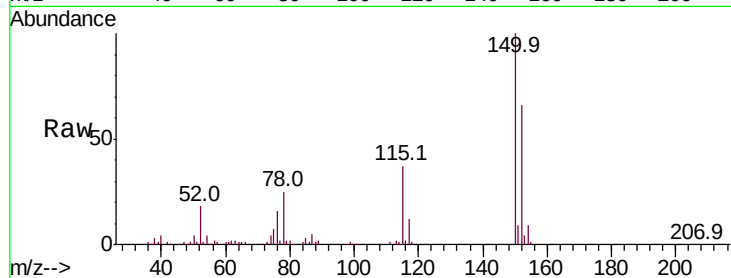
Tot Ion:152 Resp: 61973

Ion Ratio Lower Upper

152 100

150 151.2 122.4 183.6

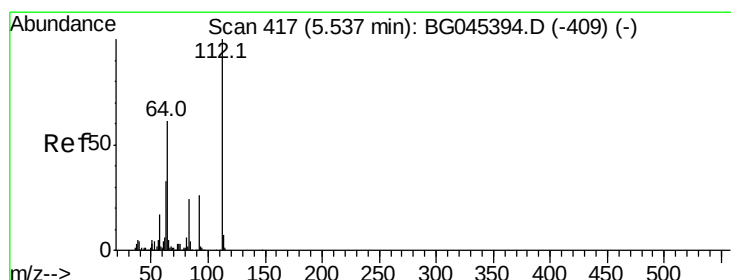
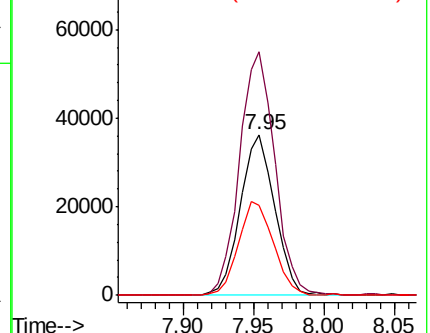
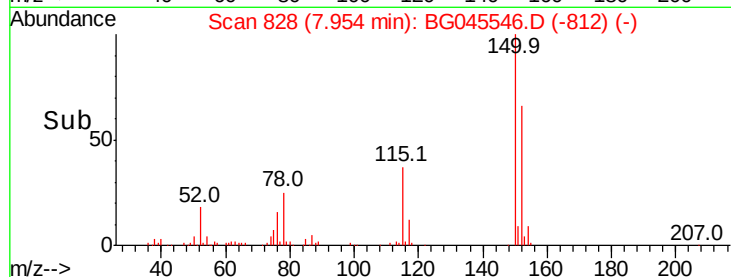
115 56.1 44.2 66.4



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



#5

2-Fluorophenol

Concen: 119.828 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

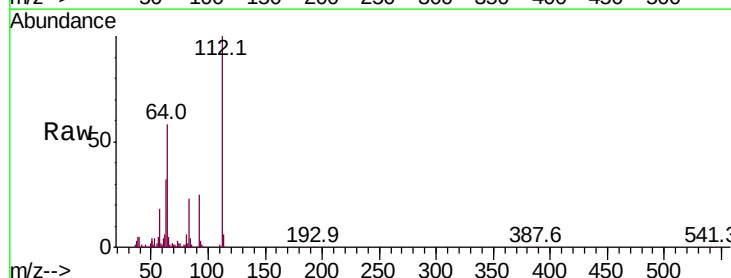
Tgt Ion:112 Resp: 379987

Ion Ratio Lower Upper

112 100

64 58.3 48.6 72.8

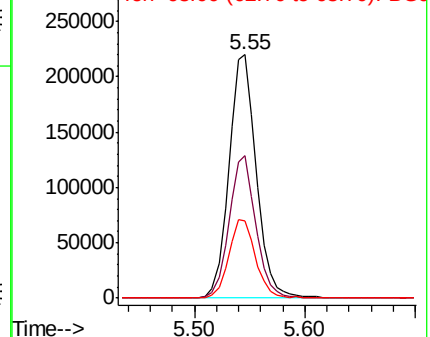
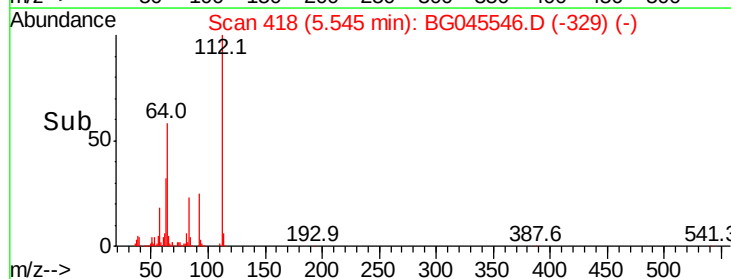
63 31.5 26.5 39.7

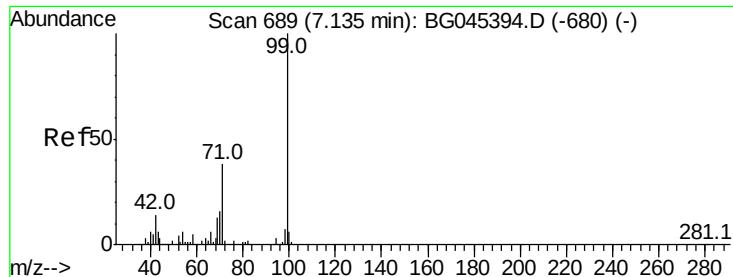


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.013 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

Instrument :

BNA_G

ClientSampleId :

SB-7-S

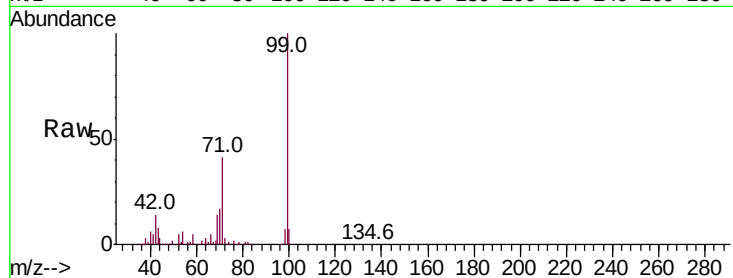
Tot Ion: 99 Resp: 460432

Ion Ratio Lower Upper

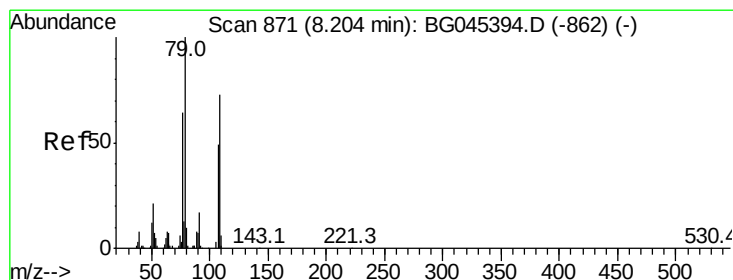
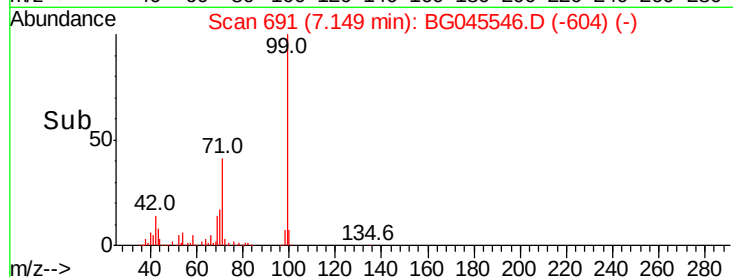
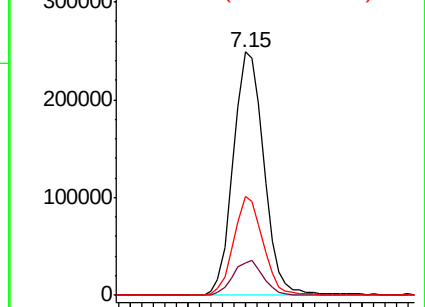
99 100

42 13.5 11.3 16.9

71 40.6 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: 2.257 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

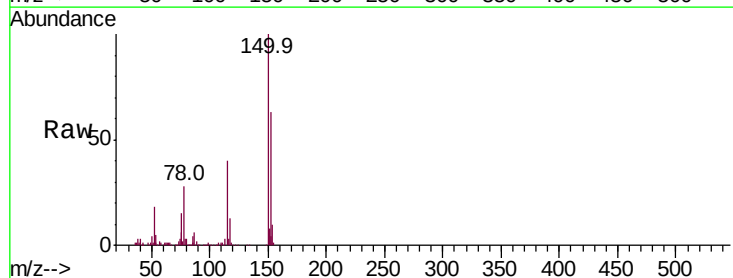
Tgt Ion: 79 Resp: 8415

Ion Ratio Lower Upper

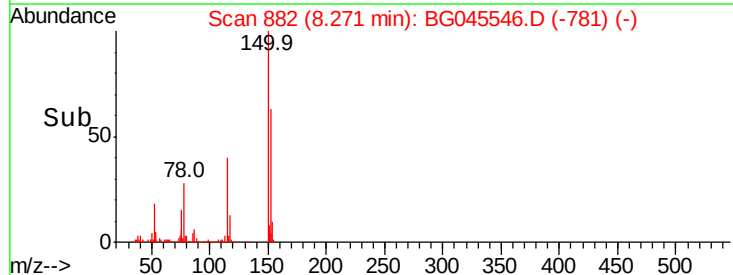
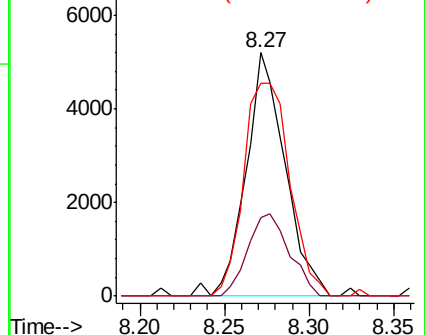
79 100

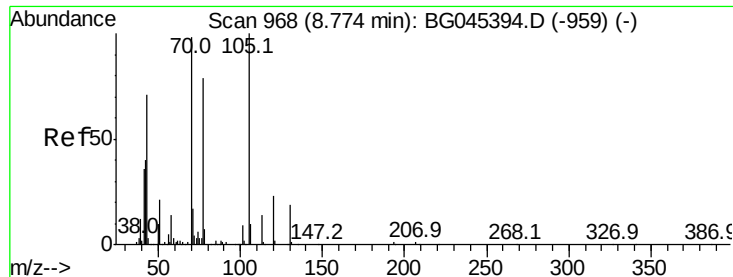
108 32.3 58.2 87.4#

77 87.5 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

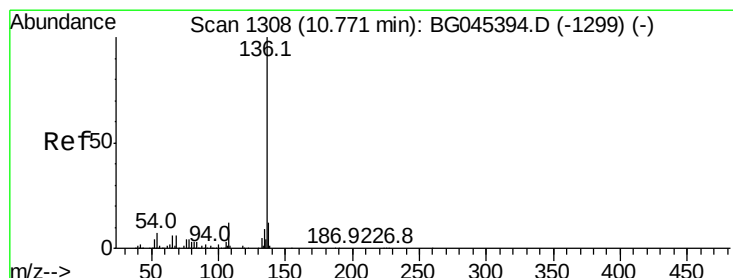
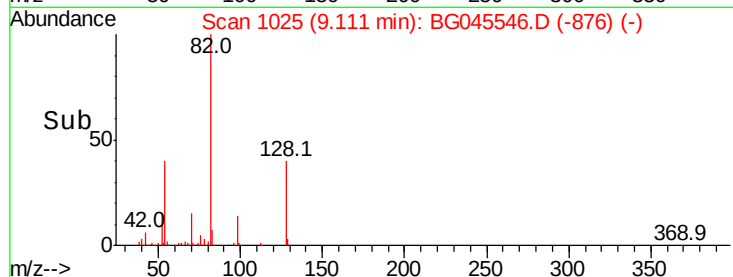
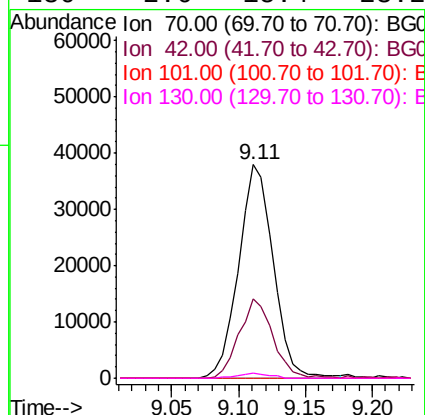
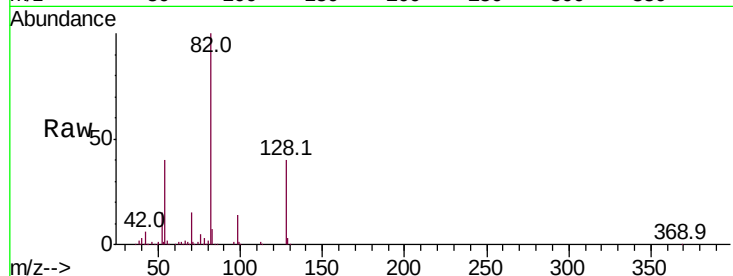




#19
n-Nitroso-di-n-propylamine
Concen: 21.762 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045546.D
Acq: 30 May 2020 8:42

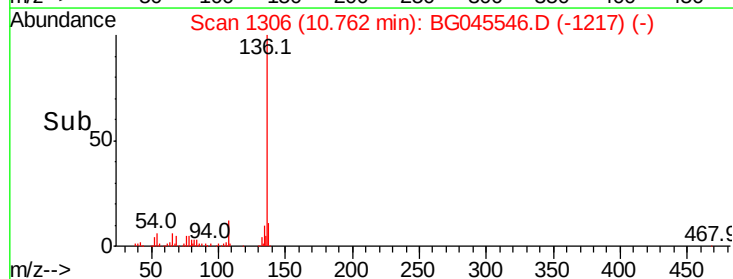
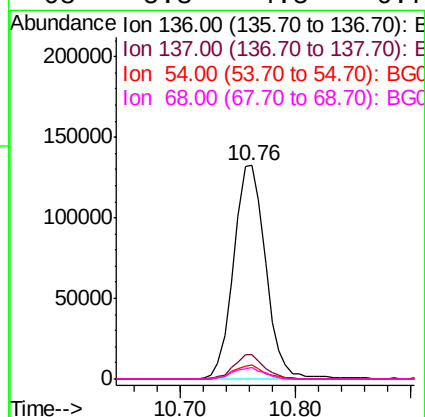
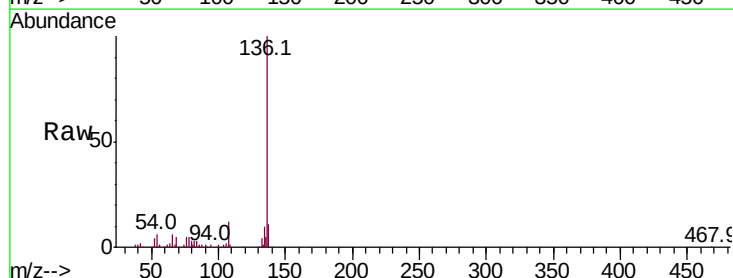
Instrument :
BNA_G
ClientSampleId :
SB-7-S

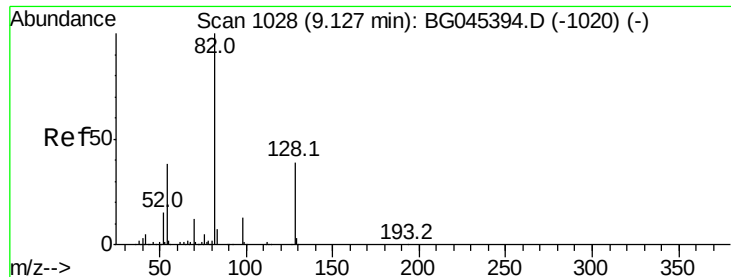
Tot Ion:	70	Resp:	67923
Ion	Ratio	Lower	Upper
70	100		
42	36.9	33.2	49.8
101	0.0	7.8	11.6#
130	2.6	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045546.D
Acq: 30 May 2020 8:42

Tgt Ion:	136	Resp:	255046
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	6.4	5.8	8.6
68	5.3	4.5	6.7

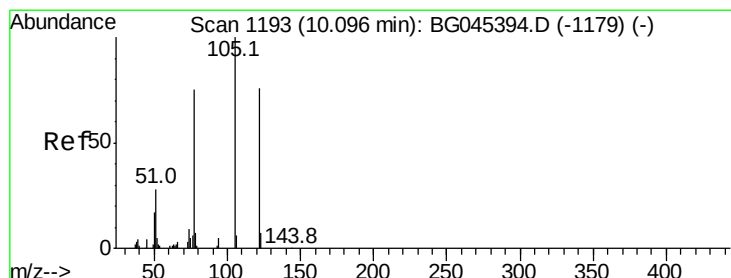
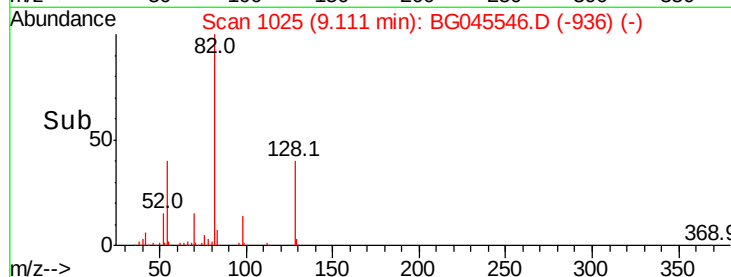
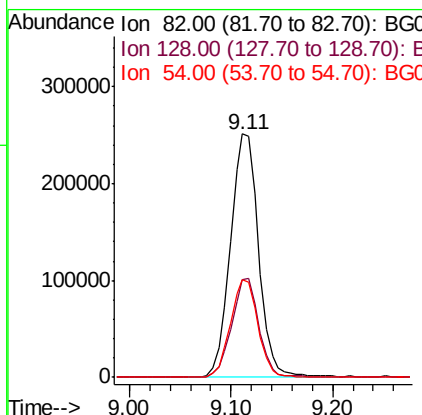
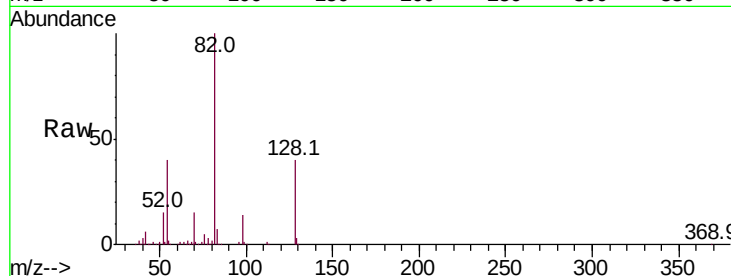




#23
 Nitrobenzene-d5
 Concen: 103.223 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045546.D
 Acq: 30 May 2020 8:42

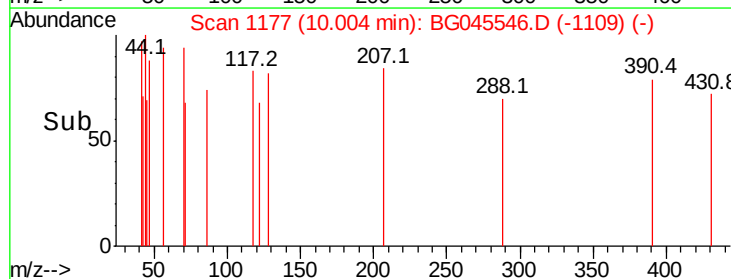
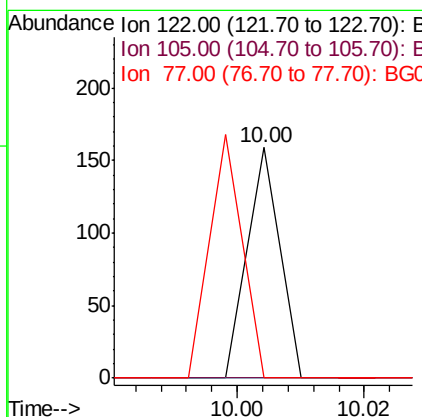
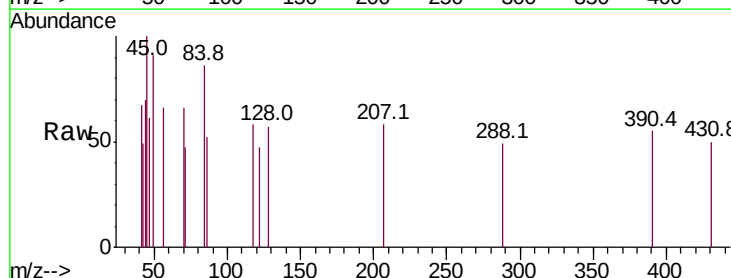
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-S

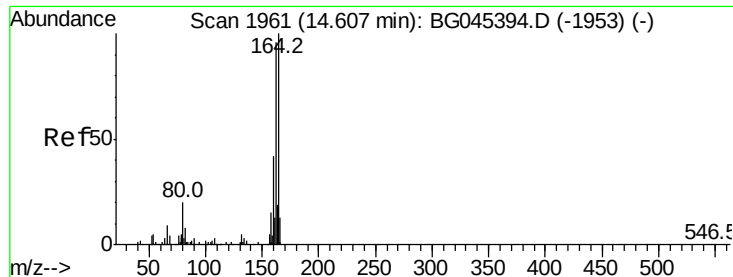
Tot Ion	82	Resp	482777
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.9	46.3
54	40.3	30.3	45.5



#32
 Benzoic acid
 Concen: 10.043 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.13 min
 Lab File: BG045546.D
 Acq: 30 May 2020 8:42

Tgt Ion	122	Resp	56
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: BG045546.D

Acq: 30 May 2020 8:42

Instrument :

BNA_G

ClientSampled :

SB-7-S

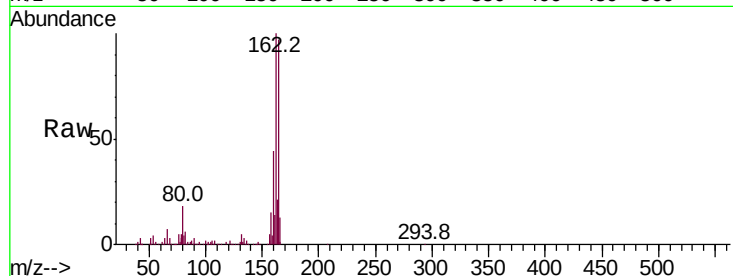
Tot Ion:164 Resp: 182784

Ion Ratio Lower Upper

164 100

162 102.7 76.9 115.3

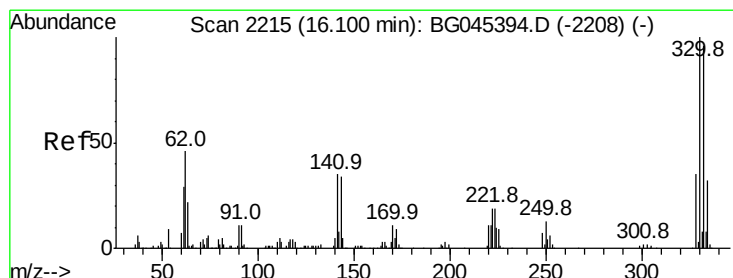
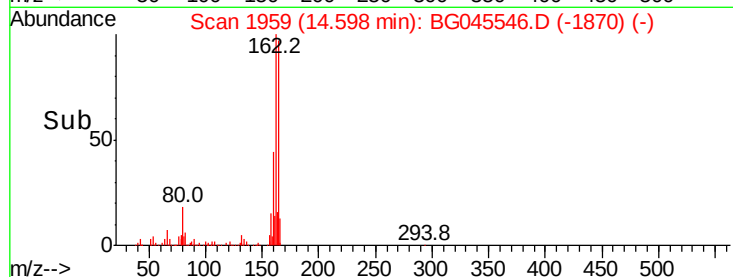
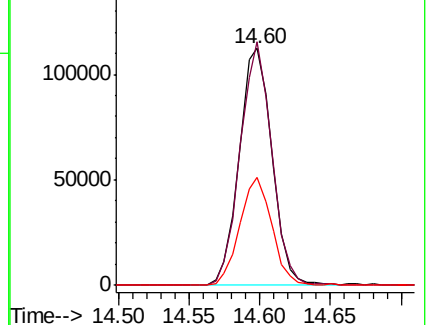
160 45.3 33.8 50.8



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: 155.790 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

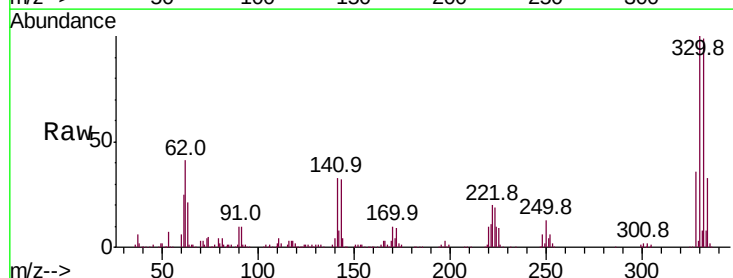
Tgt Ion:330 Resp: 364174

Ion Ratio Lower Upper

330 100

332 98.5 78.2 117.4

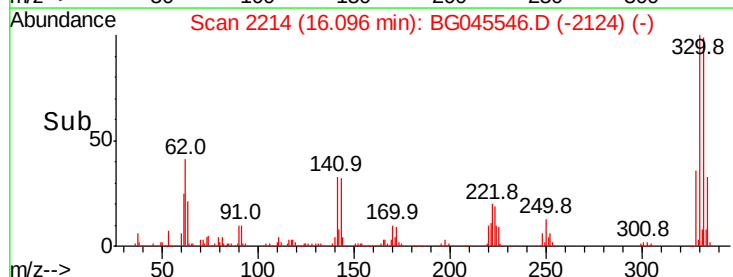
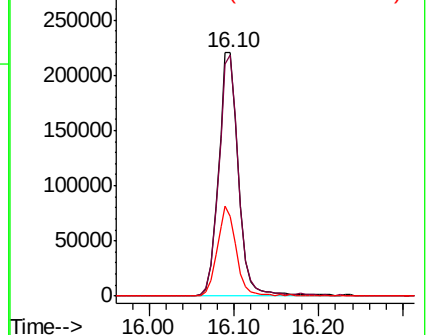
141 35.7 28.2 42.4

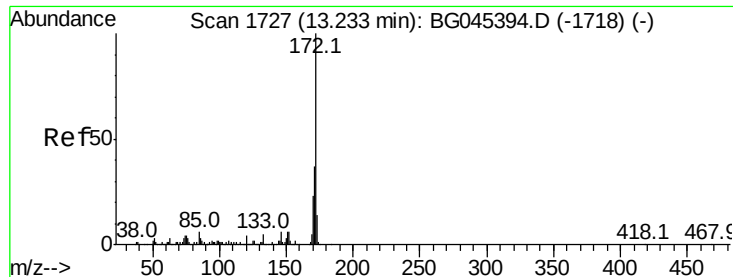


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 104.130 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

Instrument :

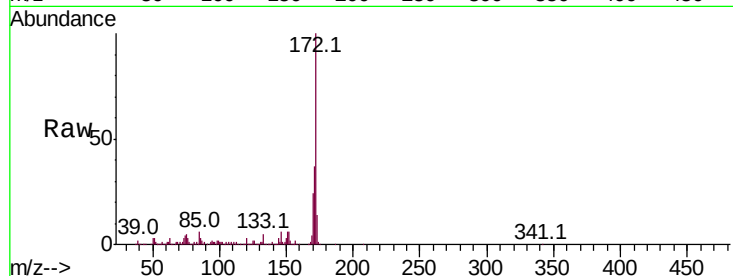
BNA_G

ClientSampleId :

SB-7-S

Tot Ion:172 Resp: 1122114

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.1	18.5	27.7

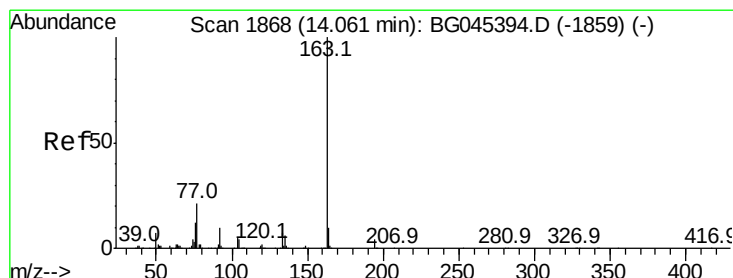
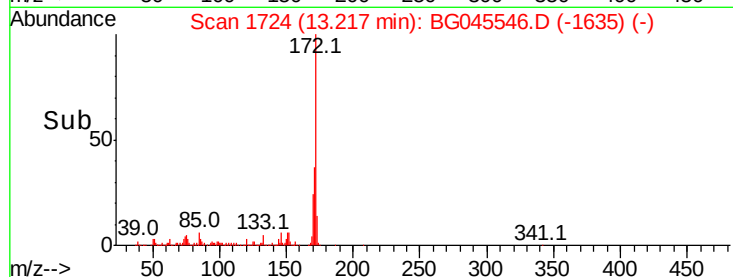
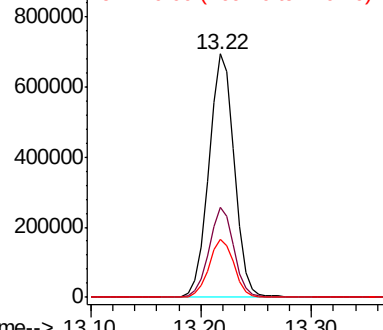


Abundance

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: 14.281 ng

RT: 14.05 min Scan# 1865

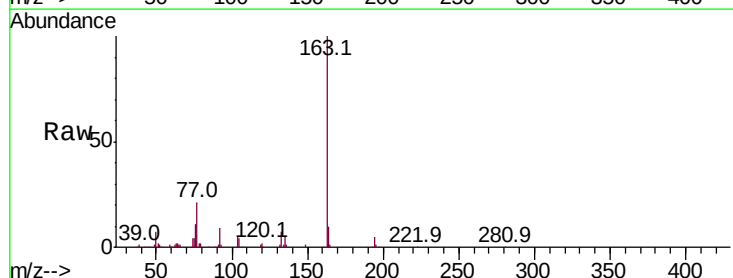
Delta R.T. -0.01 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

Tgt Ion:163 Resp: 179068

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.2	4.8#
164	9.7	8.3	12.5

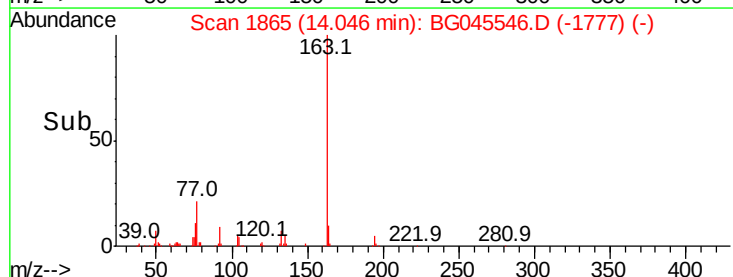
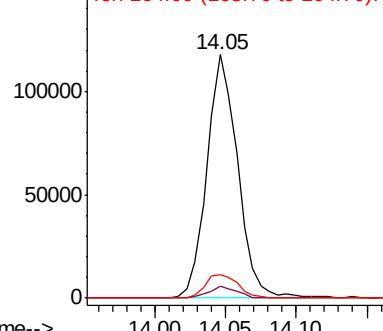


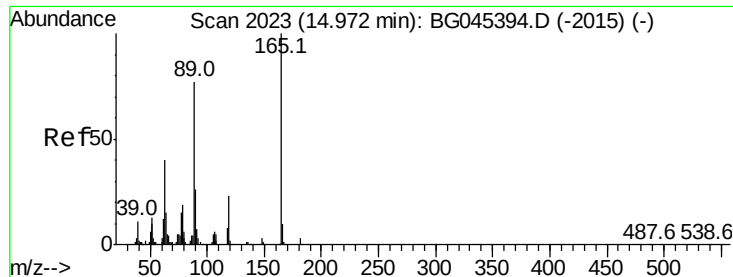
Abundance

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: 5.738 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.37 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

Instrument :

BNA_G

ClientSampleId :

SB-7-S

Tot Ion:165 Resp: 23514

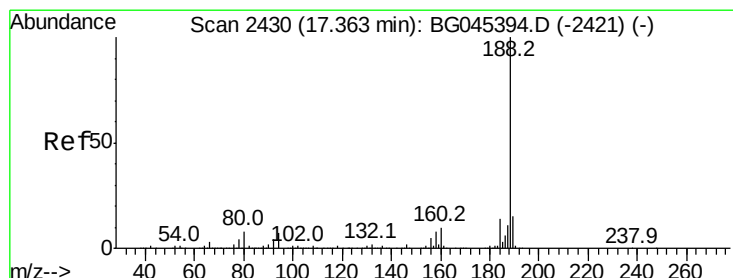
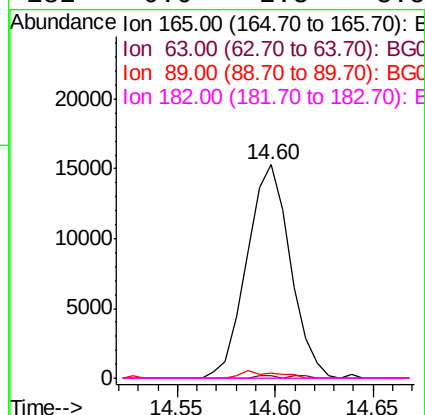
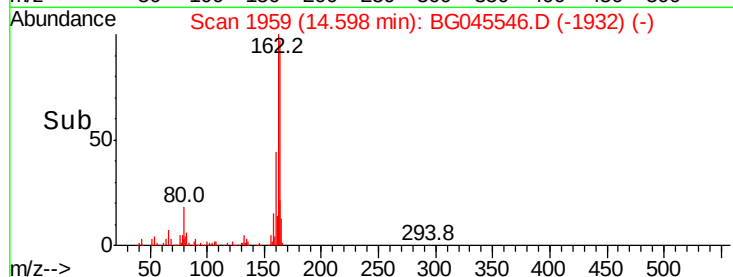
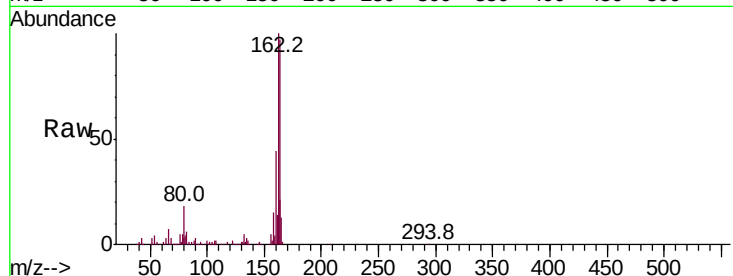
Ion Ratio Lower Upper

165 100

63 1.3 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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

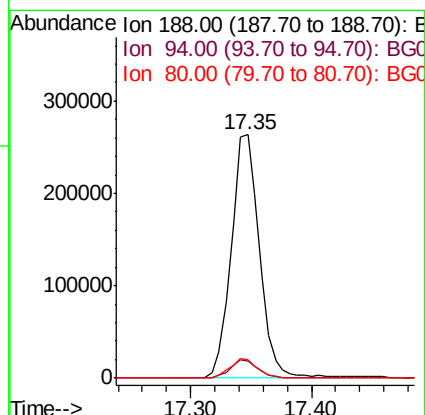
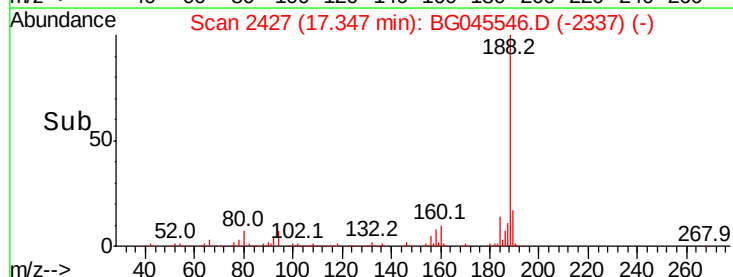
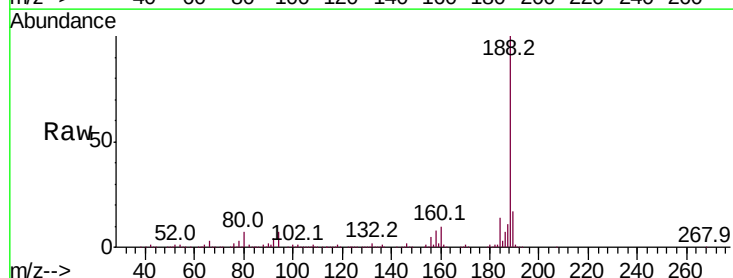
Tgt Ion:188 Resp: 428773

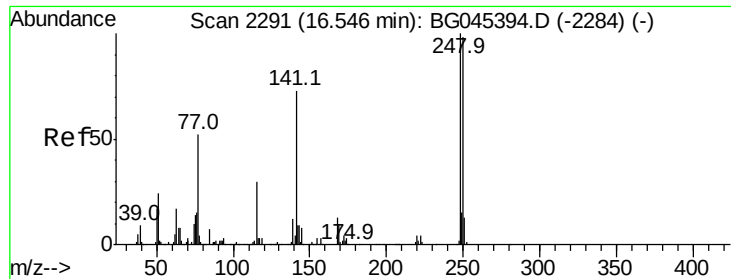
Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

80 7.4 6.6 10.0

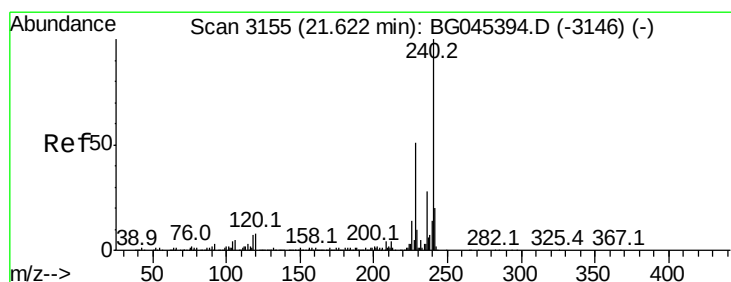
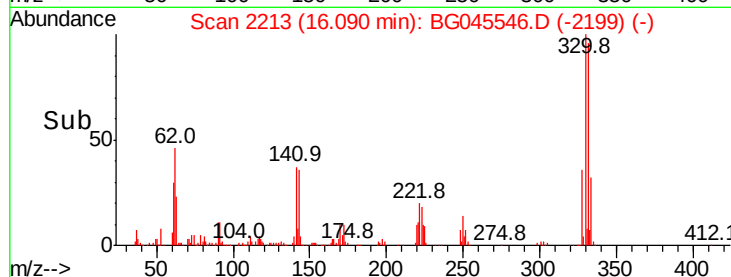
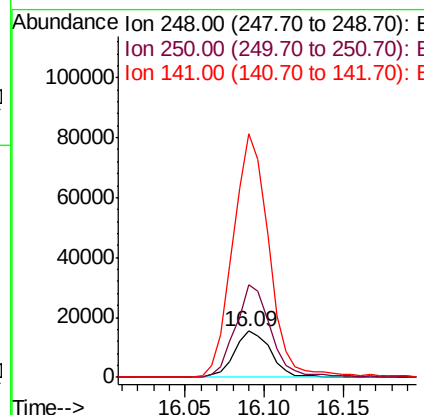
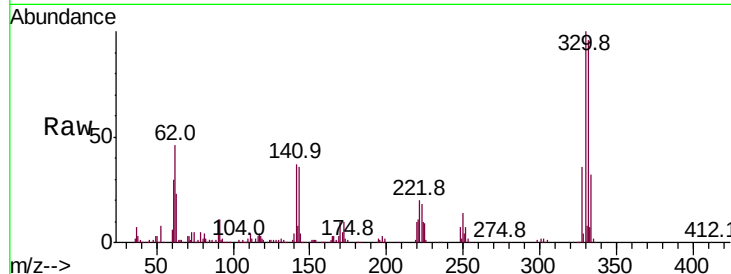




#67
4-Bromophenyl-phenylether
Concen: 5.265 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.45 min
Lab File: BG045546.D
Acq: 30 May 2020 8:42

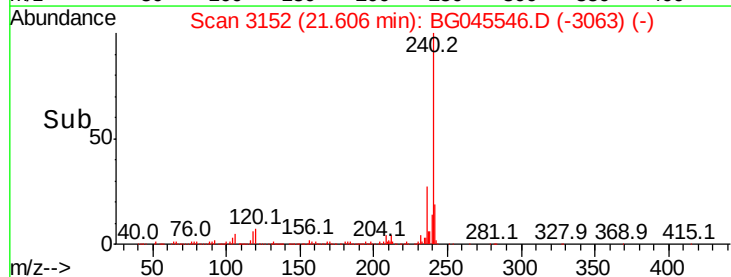
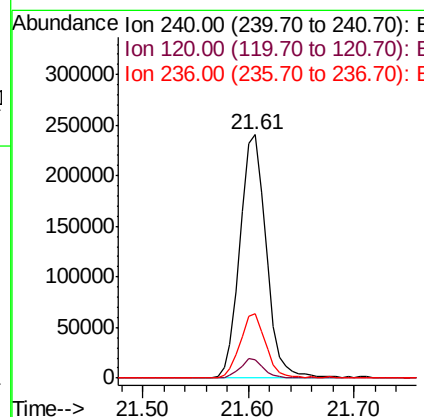
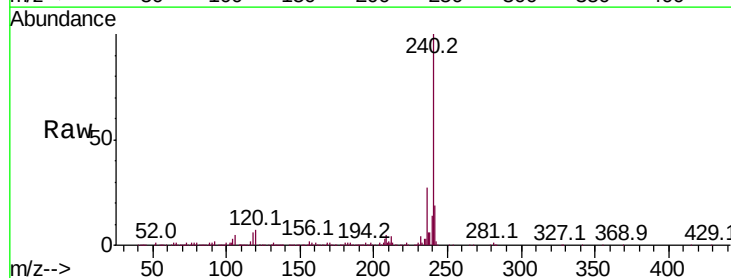
Instrument :
BNA_G
ClientSampled :
SB-7-S

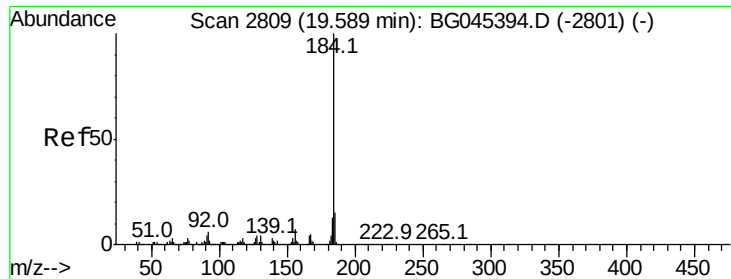
Tot Ion:248 Resp: 24444
Ion Ratio Lower Upper
248 100
250 200.4 78.6 117.8#
141 525.7 58.2 87.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045546.D
Acq: 30 May 2020 8:42

Tgt Ion:240 Resp: 414397
Ion Ratio Lower Upper
240 100
120 7.4 6.1 9.1
236 26.6 22.3 33.5





#77

Benzidine

Concen: 3.113 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

Instrument :

BNA_G

ClientSampleId :

SB-7-S

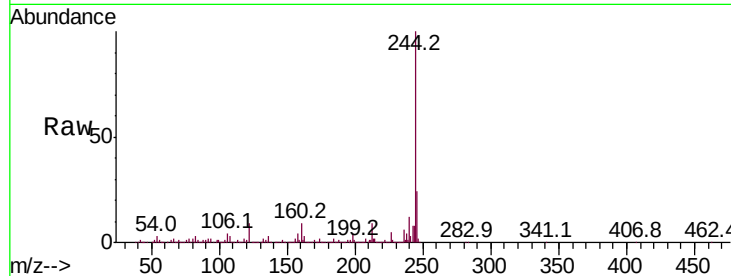
Tot Ion:184 Resp: 36236

Ion Ratio Lower Upper

184 100

185 18.2 11.7 17.5#

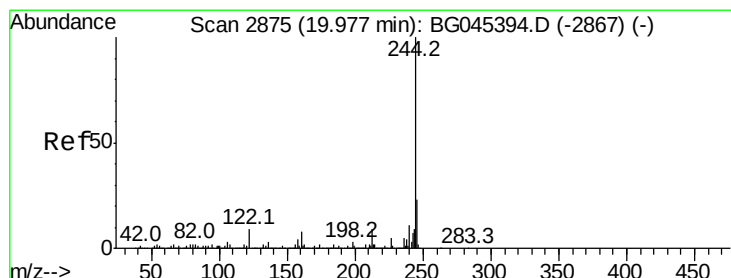
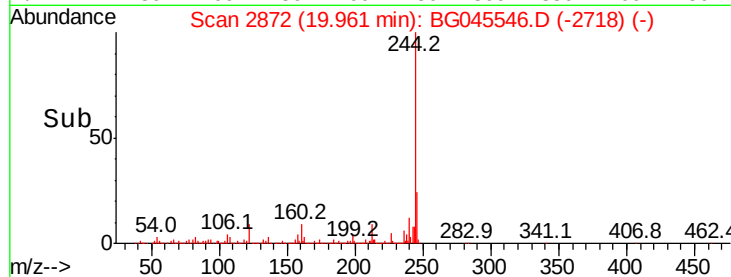
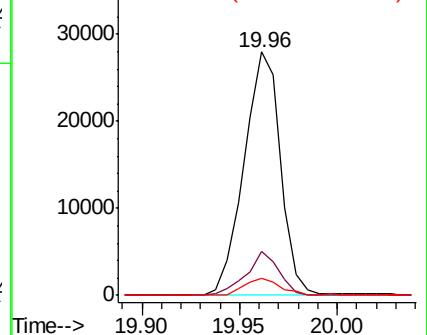
183 7.1 10.2 15.4#



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: 107.224 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045546.D

Acq: 30 May 2020 8:42

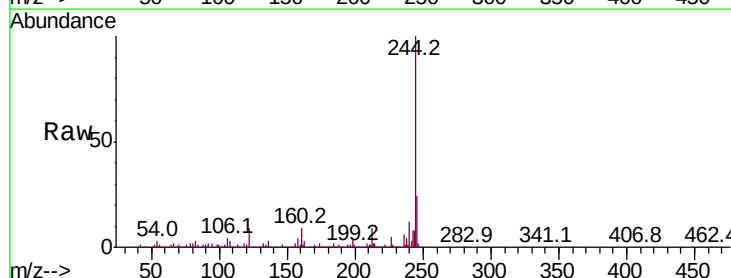
Tgt Ion:244 Resp: 1905133

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

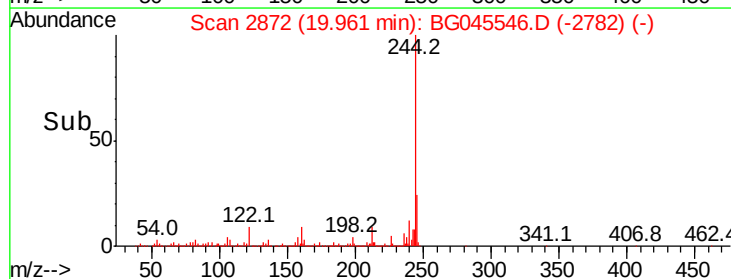
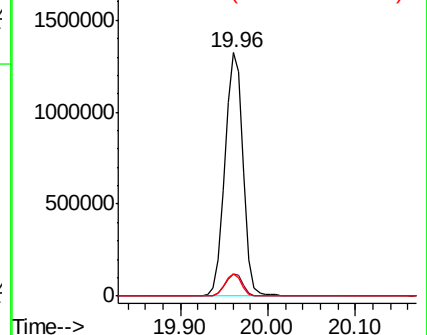
122 9.0 6.8 10.2

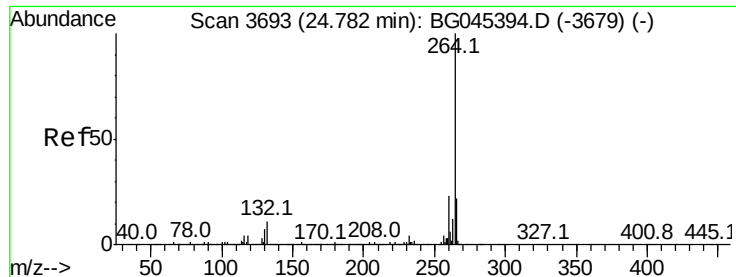


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3688
 Delta R.T. 0.00 min
 Lab File: BG045546.D
 Acq: 30 May 2020 8:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-S

Tot Ion:	264	Resp:	440764
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.3	17.6	26.4

