

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044999.D
 Acq On : 16 Apr 2020 2:15
 Operator : CG/JU
 Sample : L2259-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 16 05:05:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	72242	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	306729	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	238249	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	574245	20.00	ng	0.00
76) Chrysene-d12	21.66	240	538203	20.00	ng	0.00
87) Perylene-d12	24.85	264	574197	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	550092	125.71	ng	0.00
7) Phenol-d6	7.18	99	821991	126.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	649823	96.67	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	564151	153.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1590840	97.91	ng	0.00
79) Terphenyl-d14	20.01	244	2600847	105.33	ng	0.00

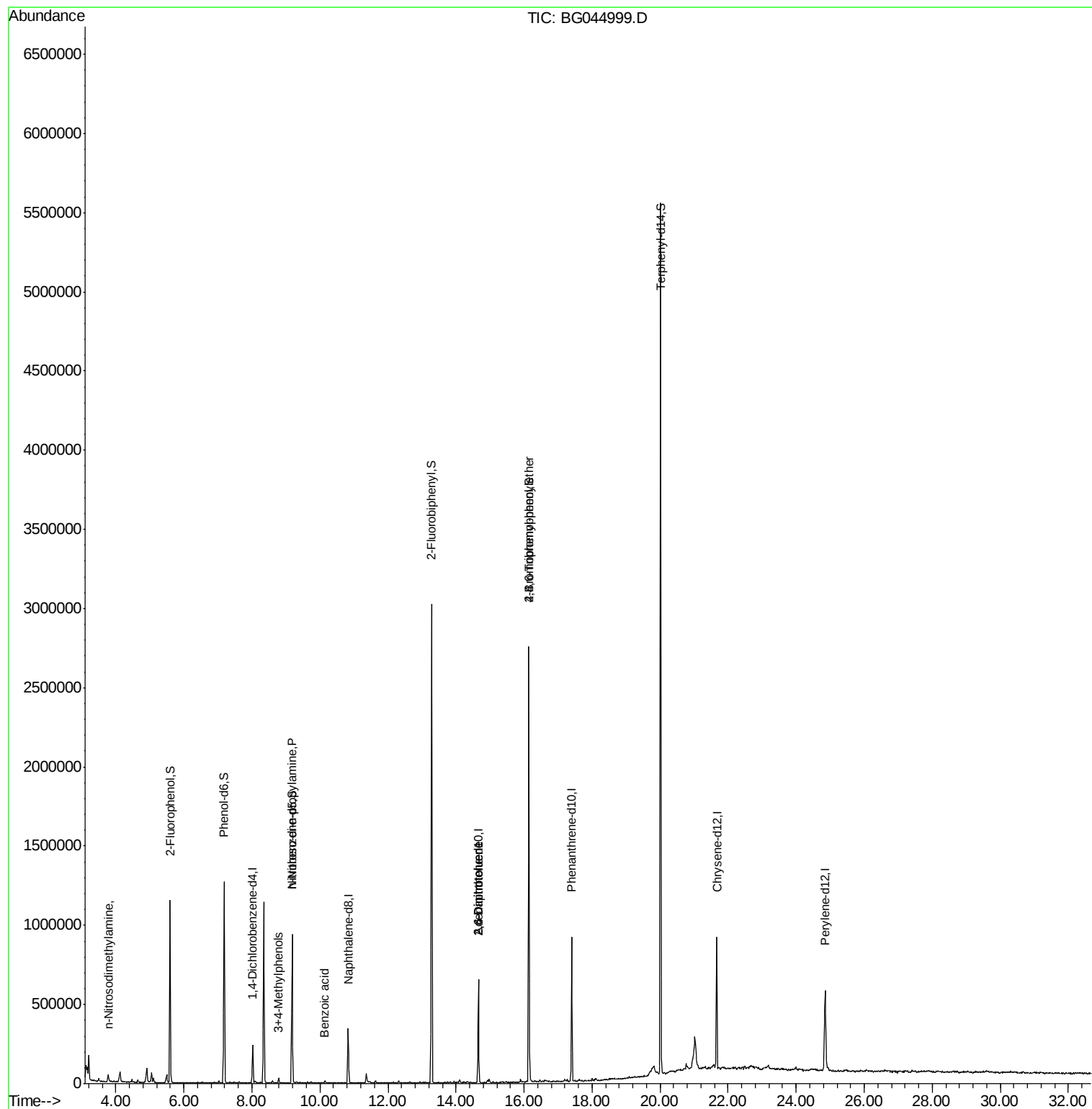
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.78	42	4988	2.719	ng	# 1
9) Benzaldehyde	7.14	77	134	Below Cal		# 20
19) n-Nitroso-di-n-propylamine	9.18	70	88774	19.308	ng	# 80
20) 3+4-Methylphenols	8.79	107	16759	2.385	ng	# 85
32) Benzoic acid	10.12	122	378	6.460	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	30672	7.069	ng	# 25
57) 2,4-Dinitrotoluene	14.66	165	30672	4.837	ng	# 23
67) 4-Bromophenyl-phenylether	16.14	248	38142	5.149	ng	# 1
69) Atrazine	16.94	200	69	Below Cal		# 35
74) Di-n-butylphthalate	18.37	149	1684	Below Cal		# 73
75) Fluoranthene	19.30	202	73	Below Cal		# 62
77) Benzidine	20.01	184	53956	Below Cal		# 90

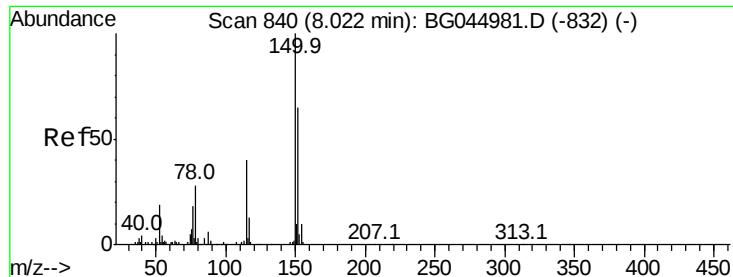
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044999.D
Acq On : 16 Apr 2020 2:15
Operator : CG/JU
Sample : L2259-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Quant Time: Apr 16 05:05:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

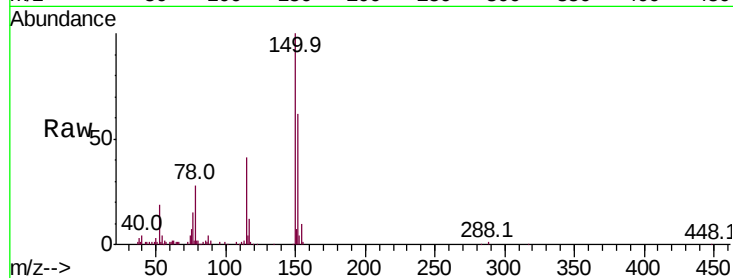
Tot Ion:152 Resp: 72242

Ion Ratio Lower Upper

152 100

150 160.8 123.6 185.4

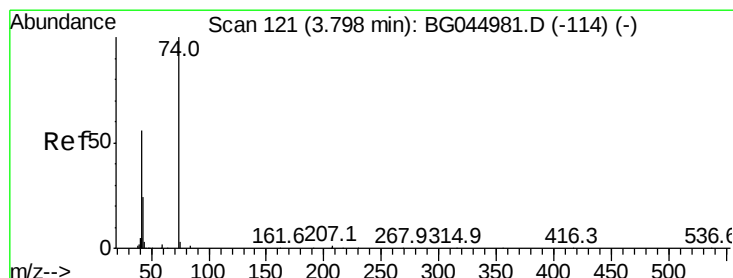
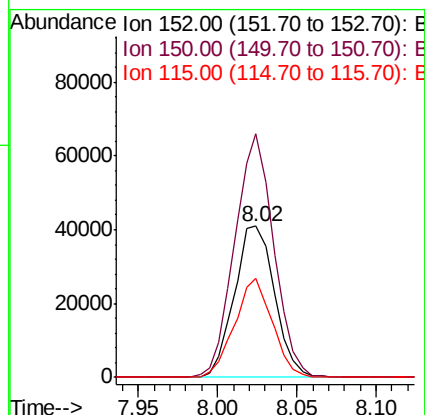
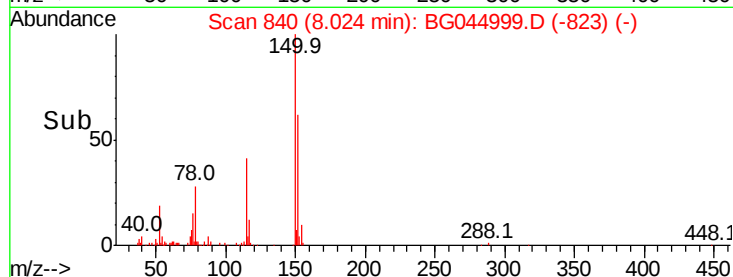
115 65.7 49.1 73.7



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



#4

n-Nitrosodimethylamine

Concen: 2.719 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.02 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

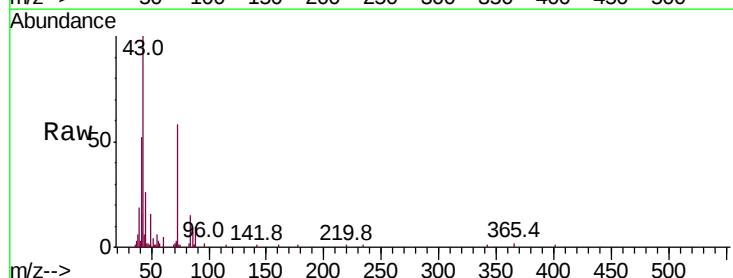
Tgt Ion: 42 Resp: 4988

Ion Ratio Lower Upper

42 100

74 9.2 143.0 214.6#

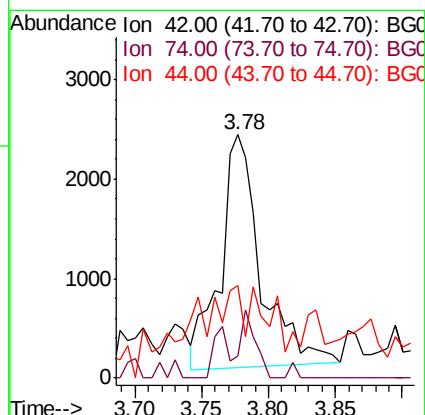
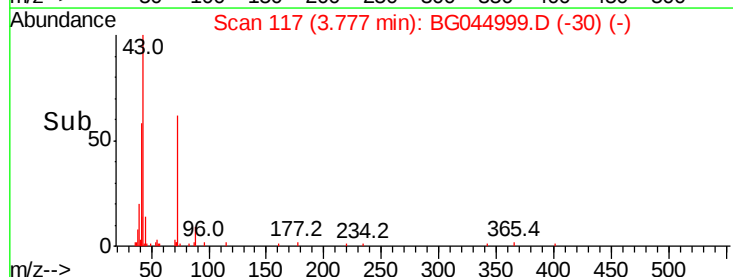
44 38.2 4.6 6.8#

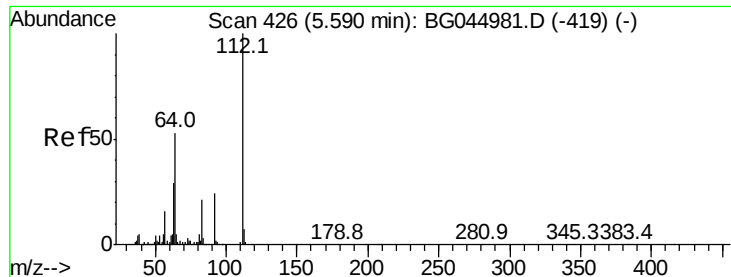


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.712 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

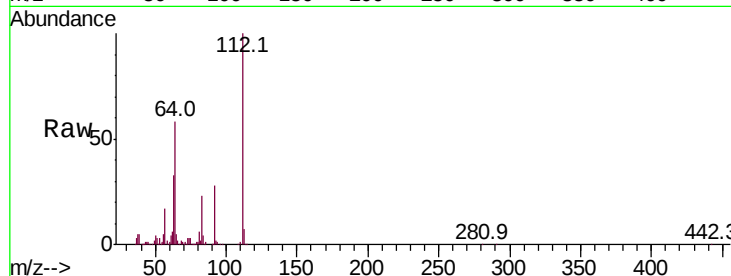
Tot Ion:112 Resp: 550092

Ion Ratio Lower Upper

112 100

64 58.1 42.4 63.6

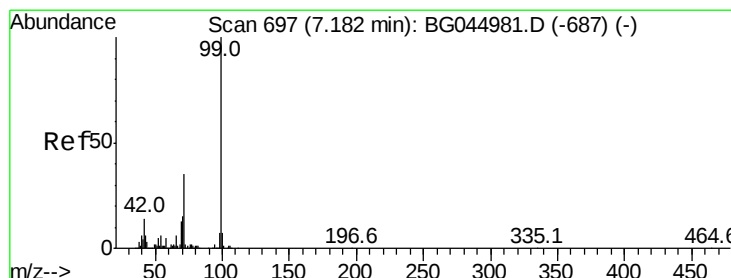
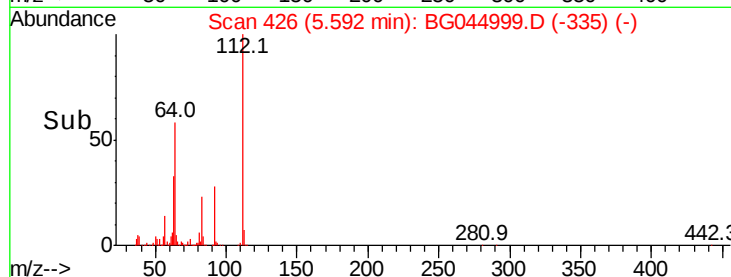
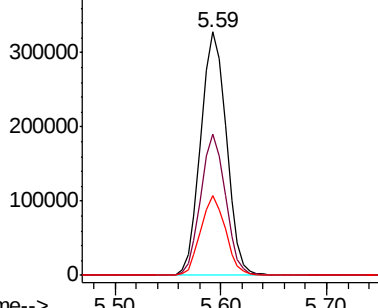
63 32.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 126.434 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

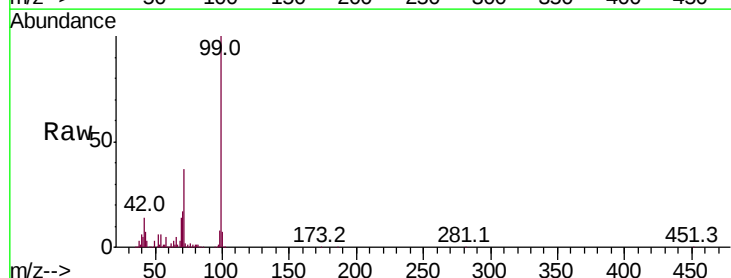
Tgt Ion: 99 Resp: 821991

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

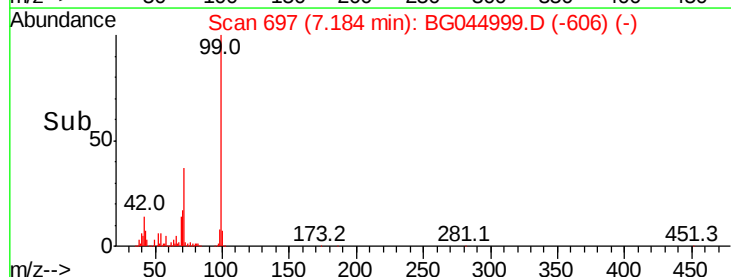
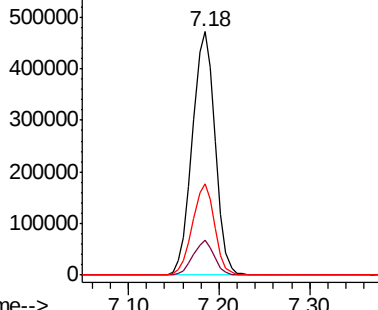
71 37.4 28.3 42.5

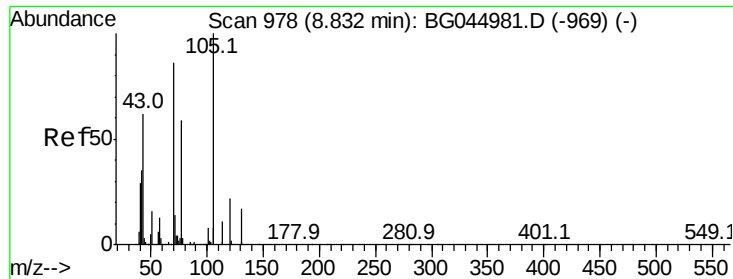


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

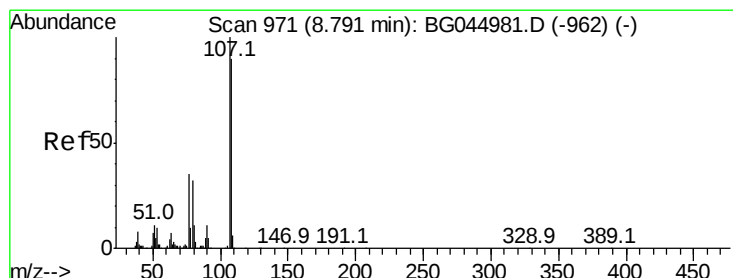
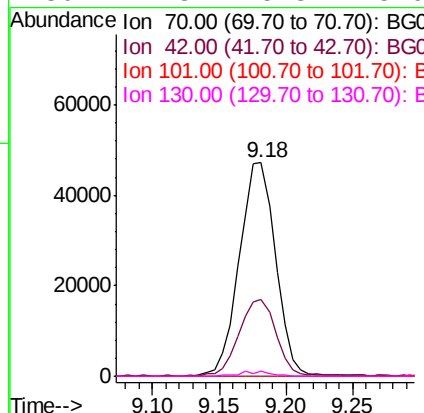
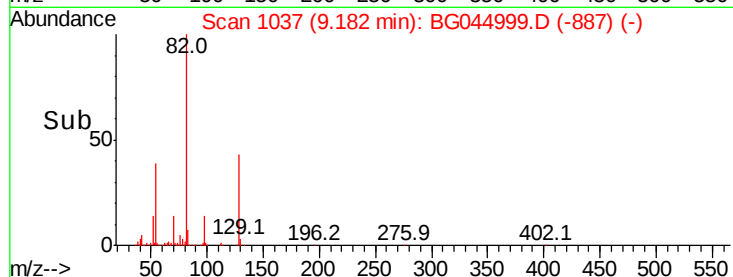
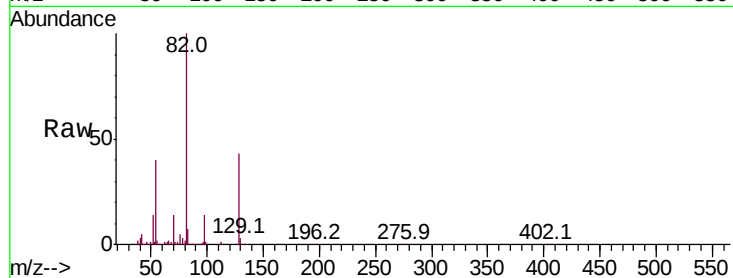




#19
n-Nitroso-di-n-propylamine
Concen: 19.308 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

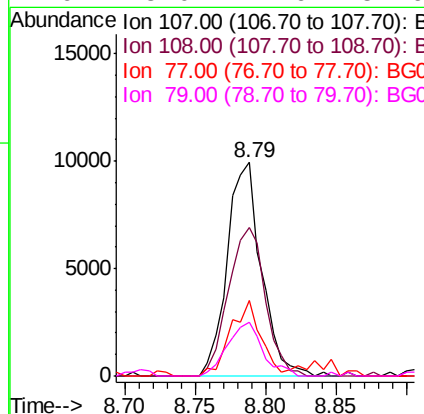
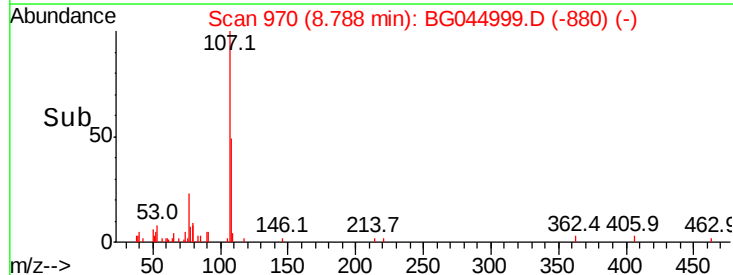
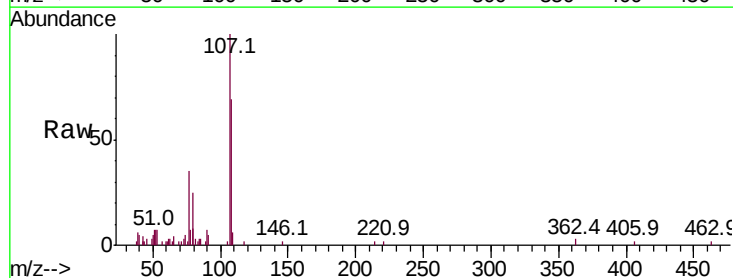
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

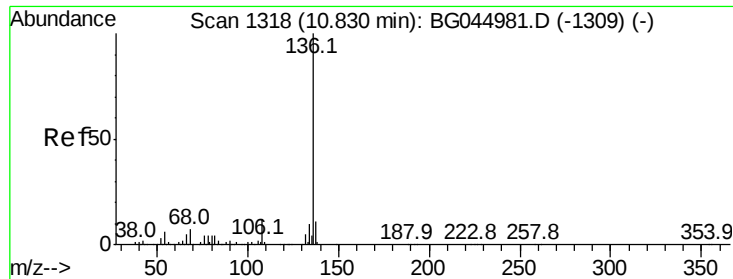
Tot Ion: 70 Resp: 88774
Ion Ratio Lower Upper
70 100
42 35.9 33.3 49.9
101 0.0 7.8 11.8#
130 2.3 15.8 23.6#



#20
3+4-Methylphenols
Concen: 2.385 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Tgt Ion:107 Resp: 16759
Ion Ratio Lower Upper
107 100
108 69.5 69.9 109.9#
77 35.2 15.2 55.2
79 25.0 11.6 51.6

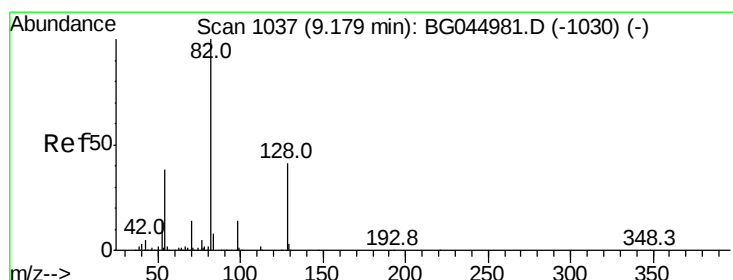
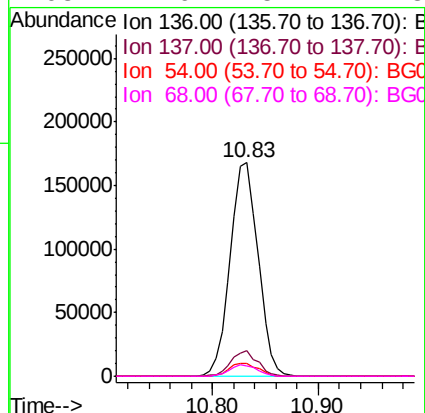
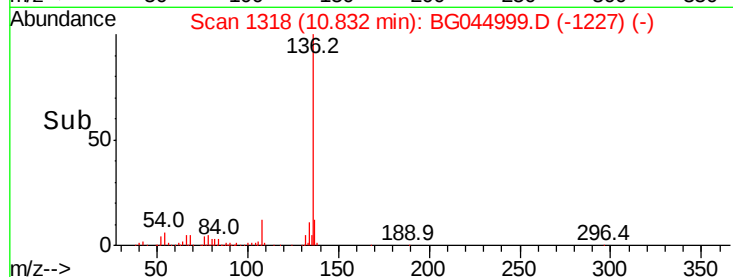
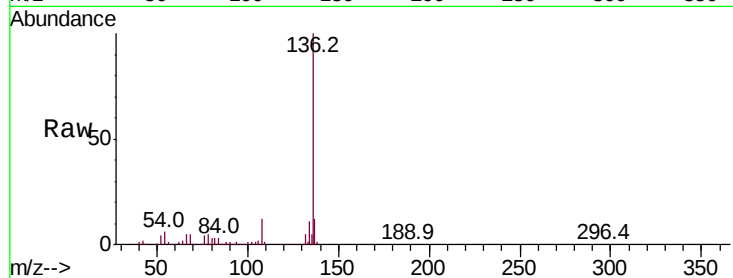




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

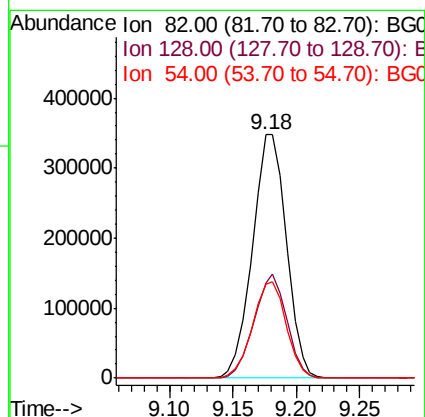
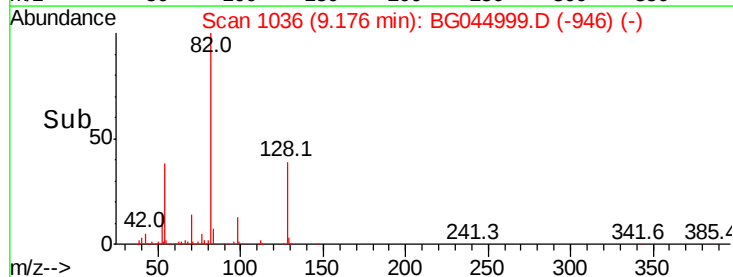
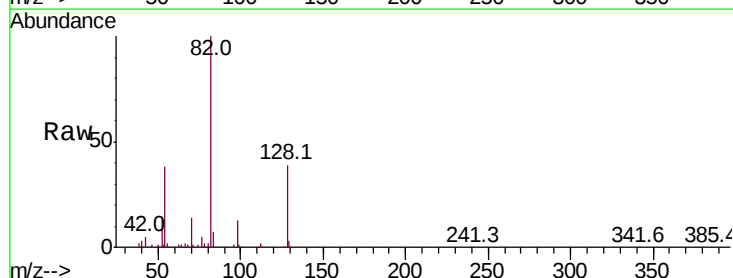
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

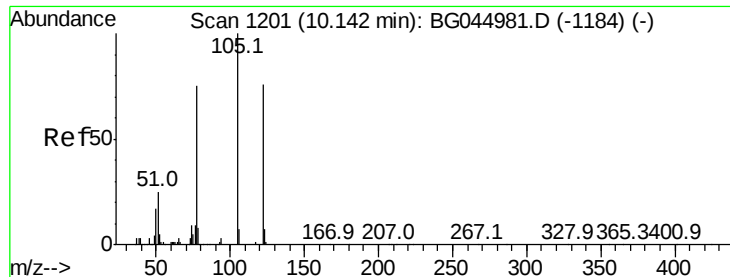
Tot Ion:136	Resp:	306729
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.6 13.0
54	6.3	4.8 7.2
68	4.6	5.2 7.8#



#23
Nitrobenzene-d5
Concen: 96.667 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Tgt Ion: 82	Resp:	649823
Ion	Ratio	Lower Upper
82	100	
128	39.3	33.0 49.4
54	38.5	30.4 45.6





#32

Benzoic acid

Concen: 6.460 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

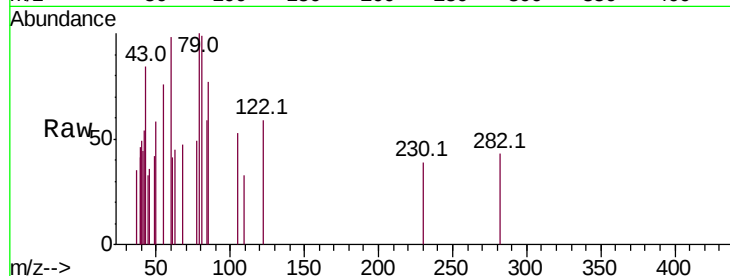
Tot Ion:122 Resp: 378

Ion Ratio Lower Upper

122 100

105 90.4 108.4 148.4#

77 83.8 78.8 118.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

600

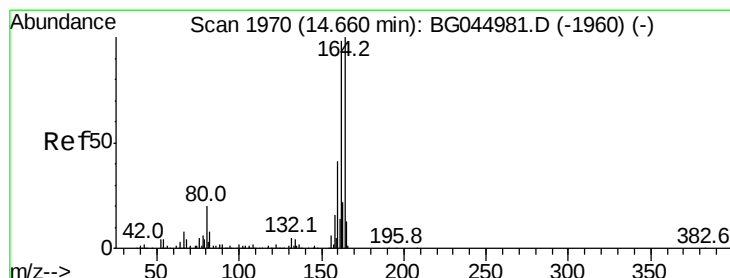
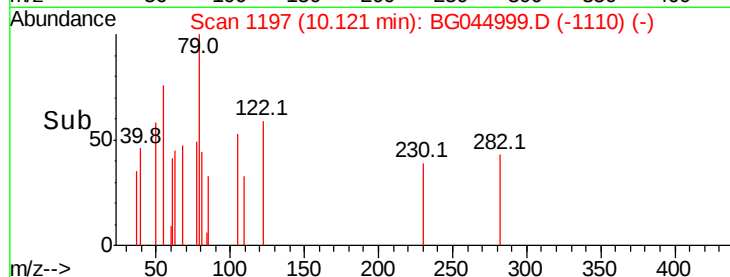
400

200

0

10.10 10.12 10.14 10.16

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

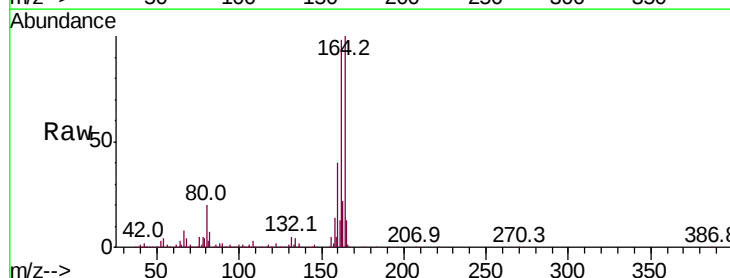
Tgt Ion:164 Resp: 238249

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

160 39.9 32.8 49.2



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

200000

150000

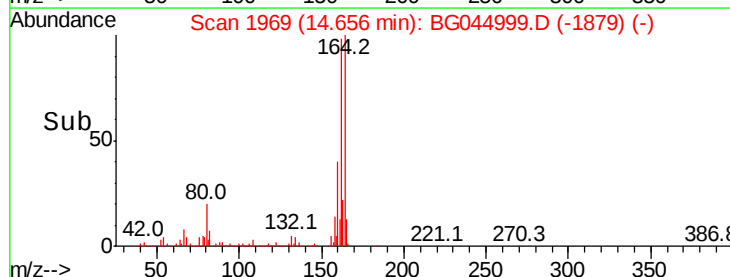
100000

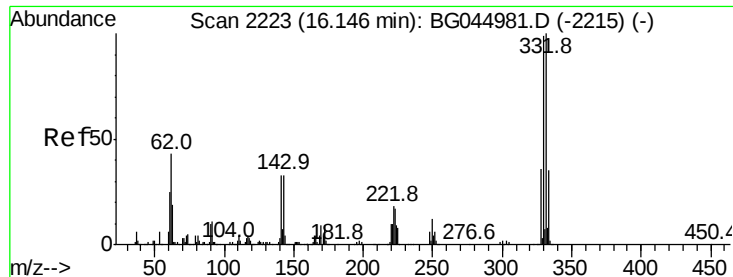
50000

0

14.60 14.65 14.70

Time-->

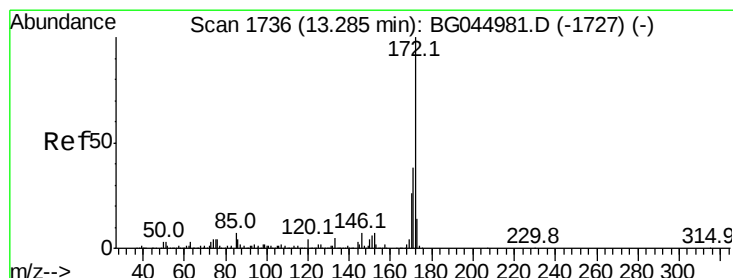
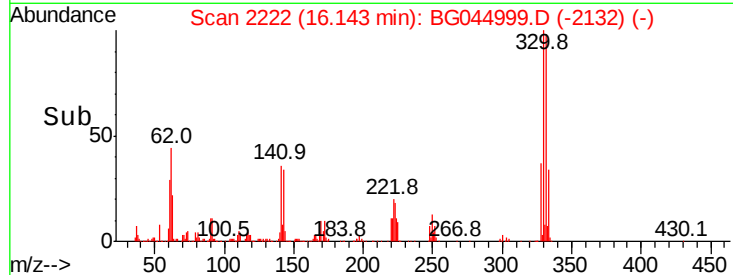
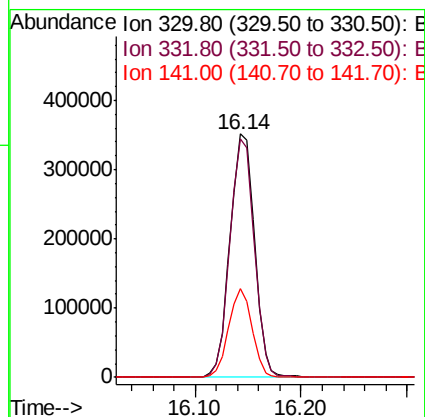
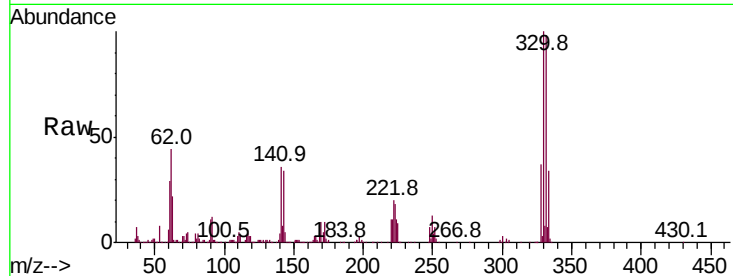




#42
 2,4,6-Tribromophenol
 Concen: 153.275 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG044999.D
 Acq: 16 Apr 2020 2:15

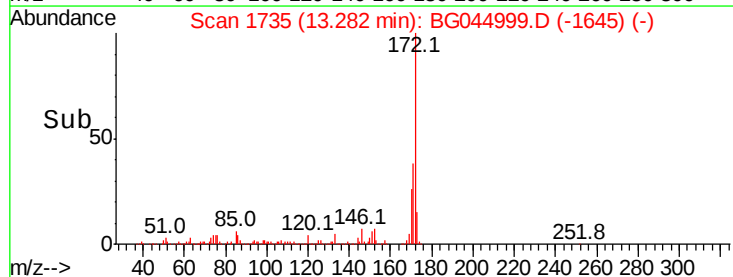
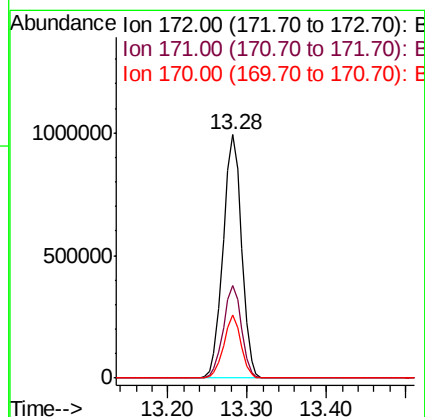
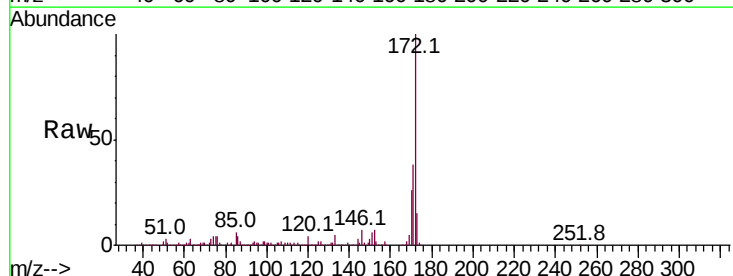
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

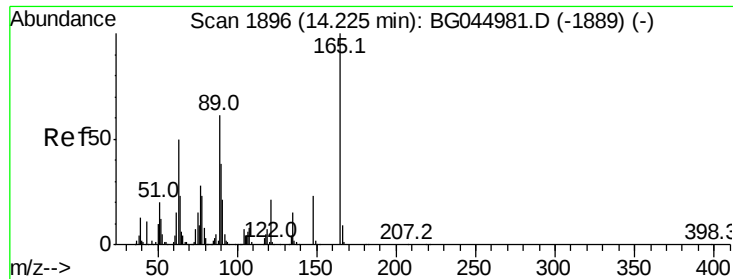
Tot Ion:330 Resp: 564151
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.1 118.7
 141 34.8 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 97.909 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG044999.D
 Acq: 16 Apr 2020 2:15

Tgt Ion:172 Resp: 1590840
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.6 46.0
 170 25.7 20.5 30.7

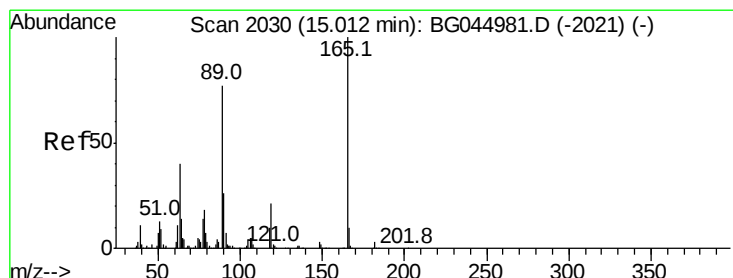
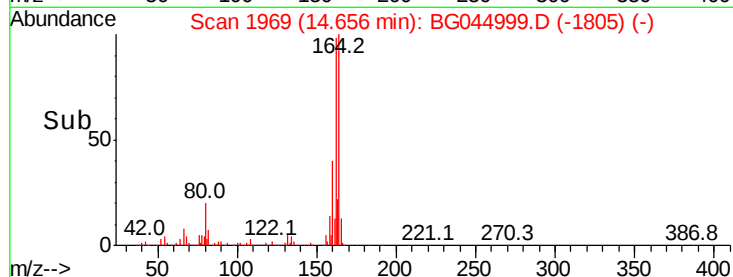
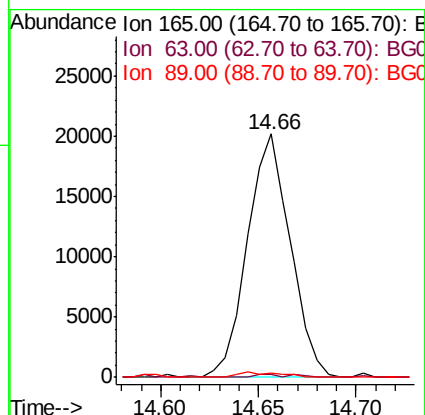
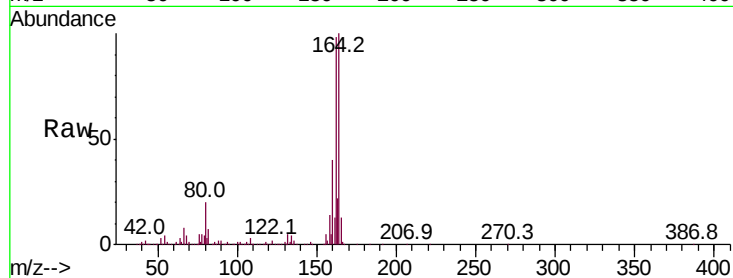




#51
 2,6-Dinitrotoluene
 Concen: 7.069 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG044999.D
 Acq: 16 Apr 2020 2:15

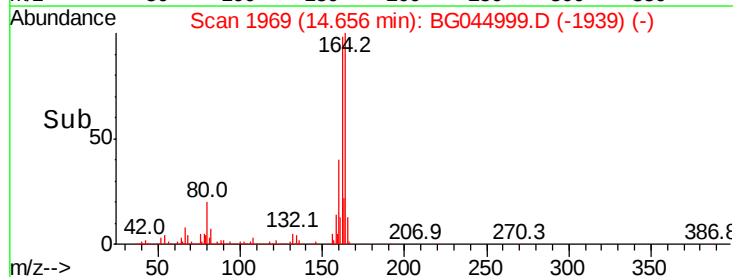
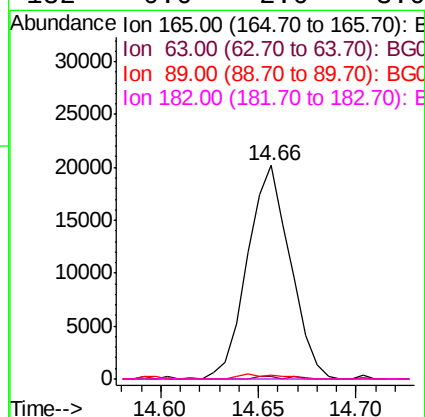
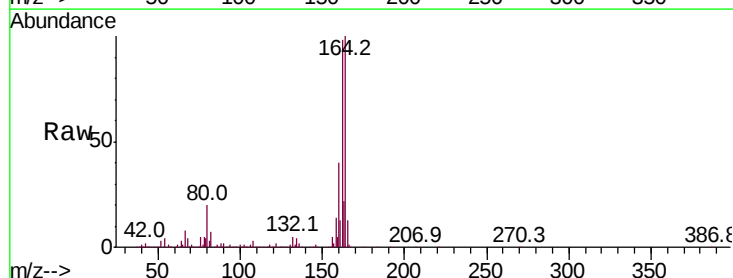
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

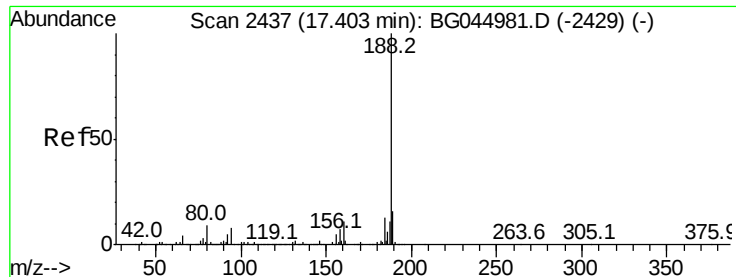
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.4	60.6#
89	2.0	49.1	73.7#



#57
 2,4-Dinitrotoluene
 Concen: 4.837 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.36 min
 Lab File: BG044999.D
 Acq: 16 Apr 2020 2:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.2	48.2#
89	2.0	61.7	92.5#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

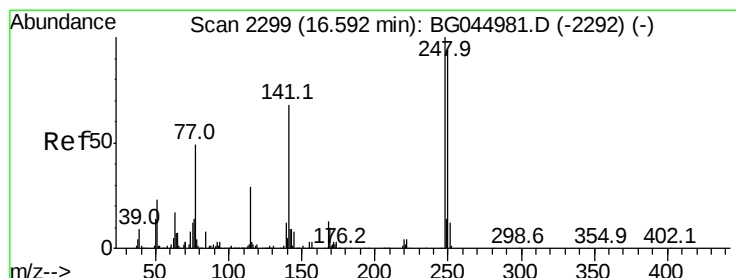
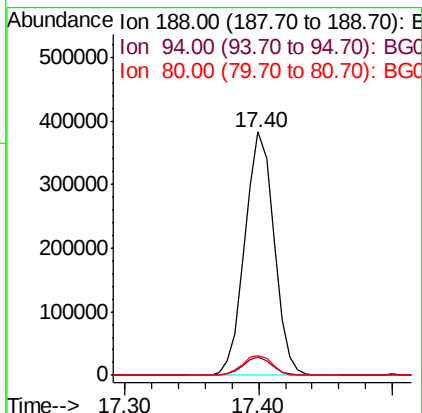
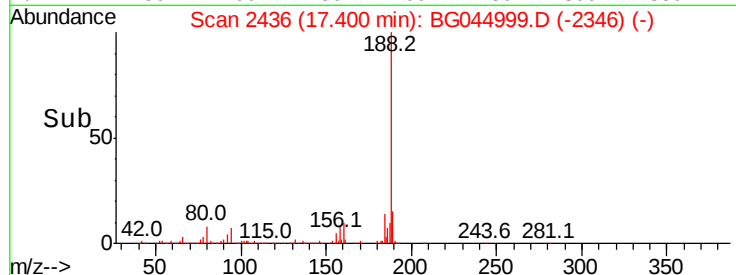
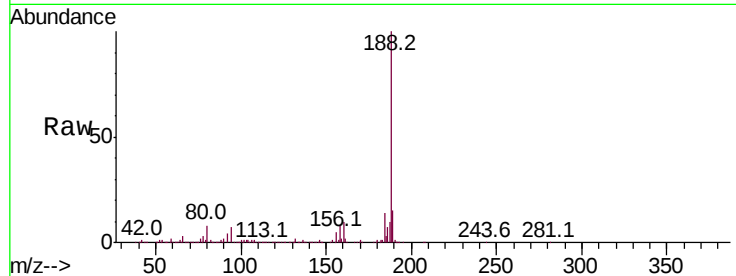
Tot Ion:188 Resp: 574245

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

80 8.2 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 5.149 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

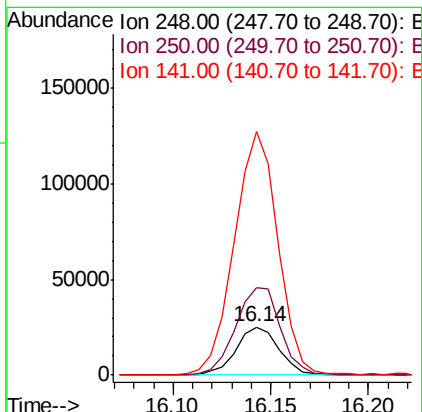
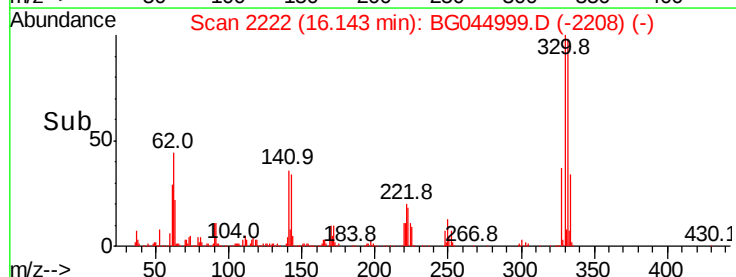
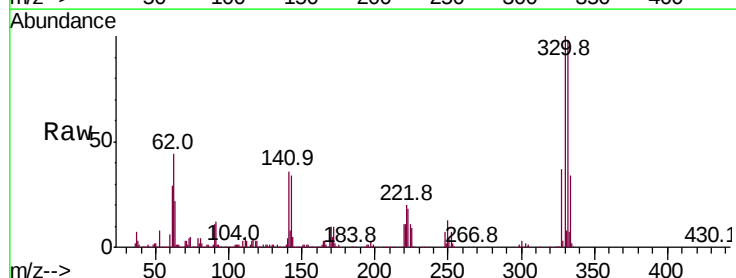
Tgt Ion:248 Resp: 38142

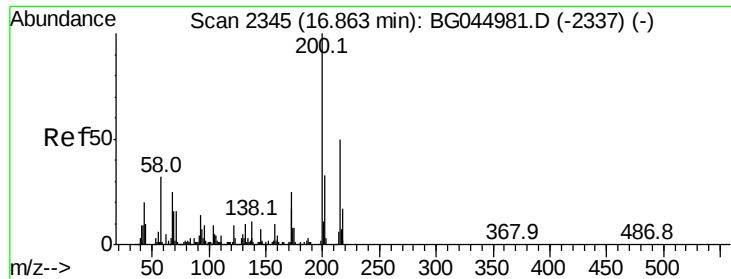
Ion Ratio Lower Upper

248 100

250 180.4 75.4 113.2#

141 505.6 54.4 81.6#





#69

Atrazine

Concen: Below Cal

RT: 16.94 min Scan# 2358

Delta R.T. 0.08 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

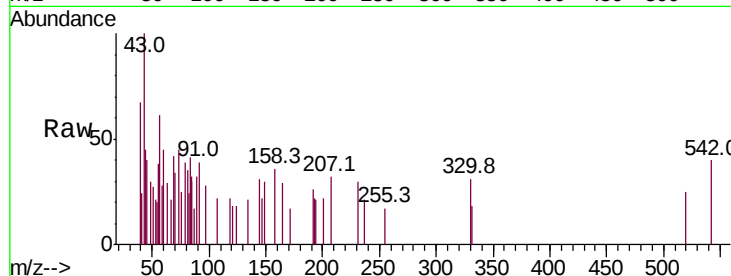
Tot Ion:200 Resp: 69

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

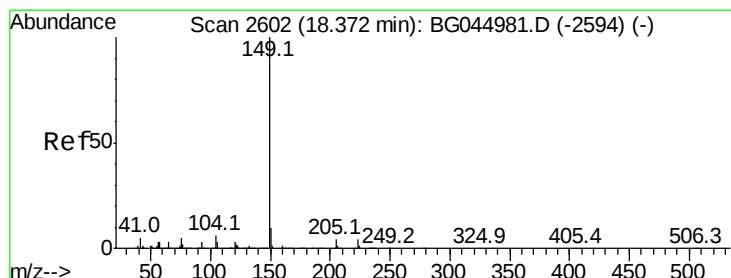
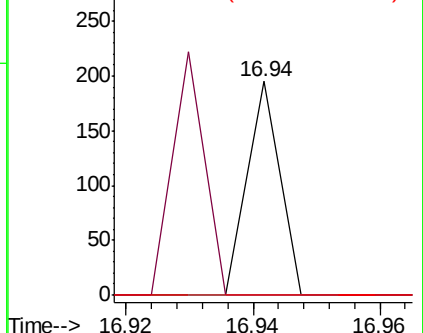
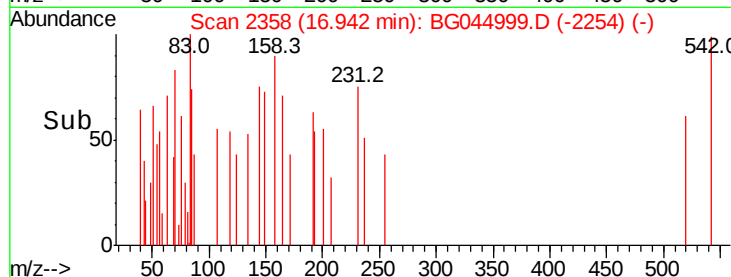
215 0.0 30.0 70.0#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

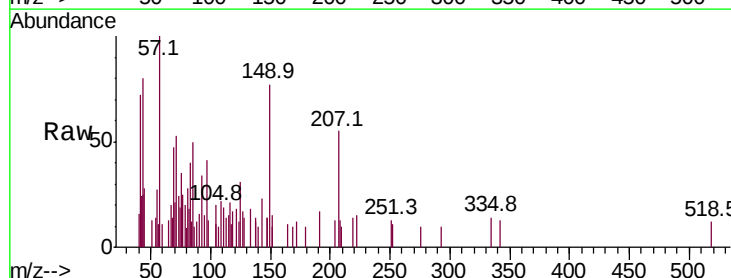
Tgt Ion:149 Resp: 1684

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

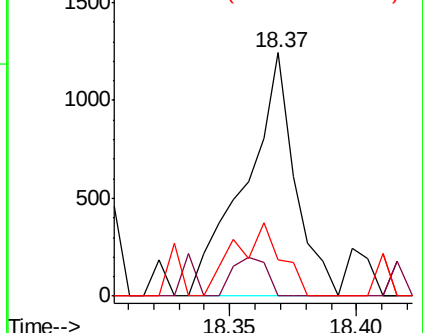
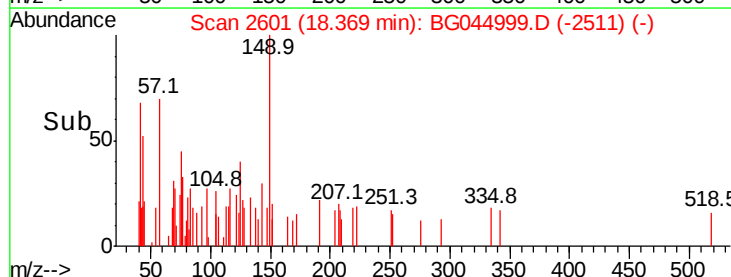
104 14.9 4.8 7.2#

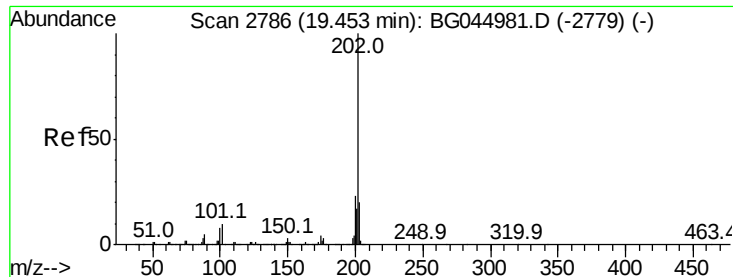


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.30 min Scan# 2759

Delta R.T. -0.16 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

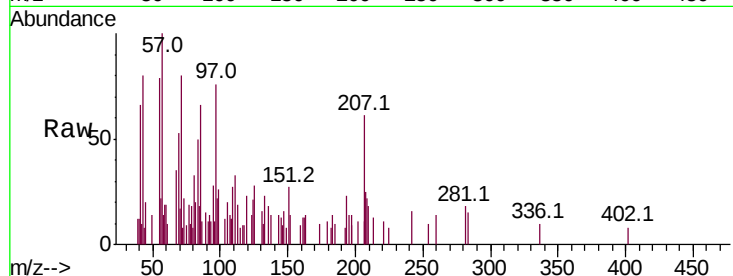
Tot Ion:202 Resp: 73

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

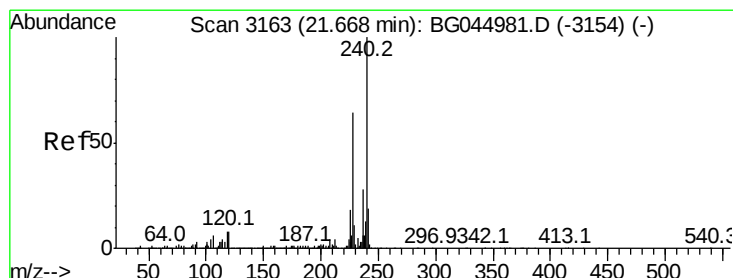
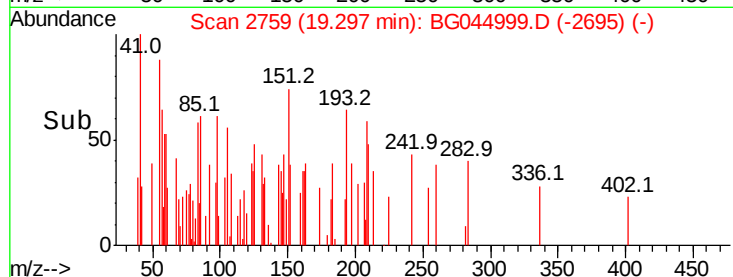
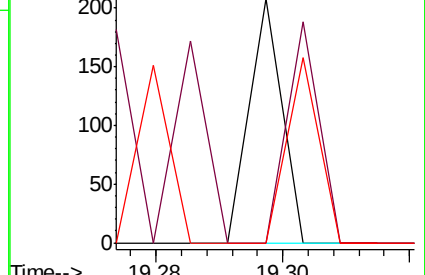
203 0.0 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

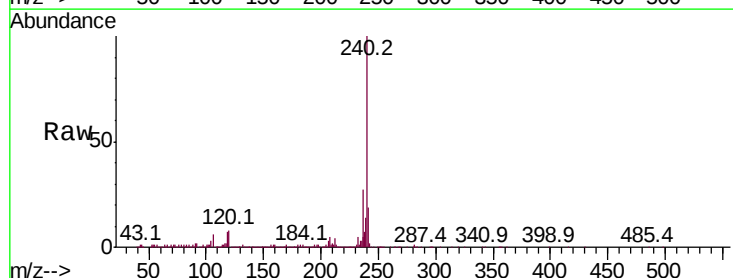
Tgt Ion:240 Resp: 538203

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

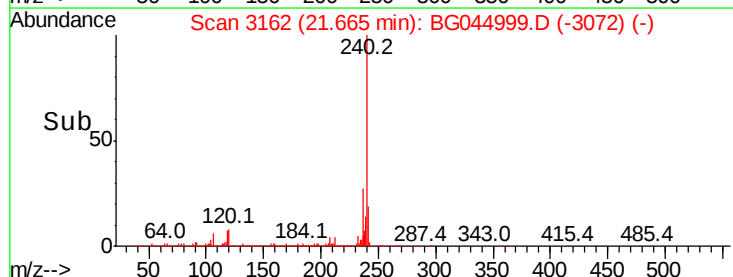
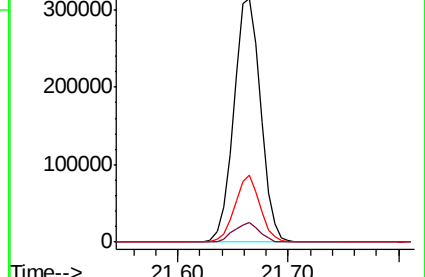
236 27.4 22.2 33.2

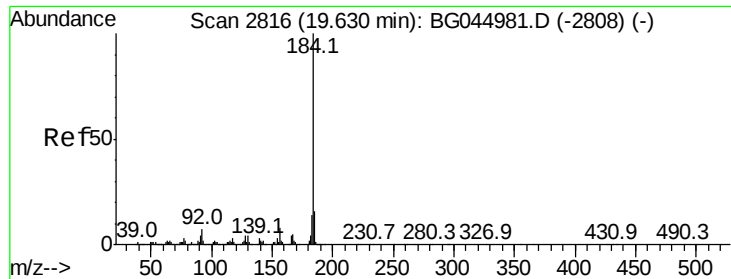


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.38 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

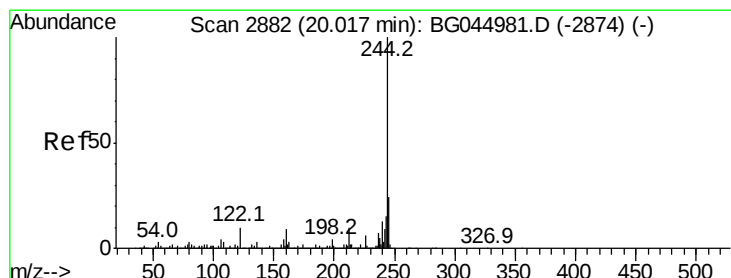
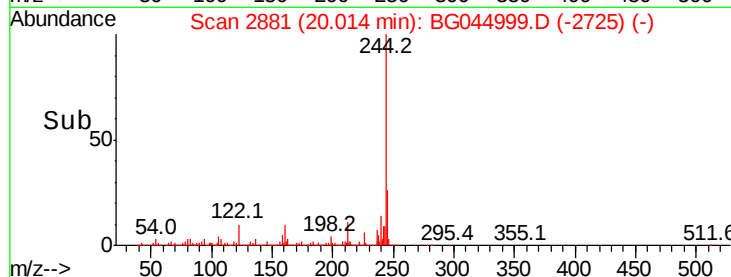
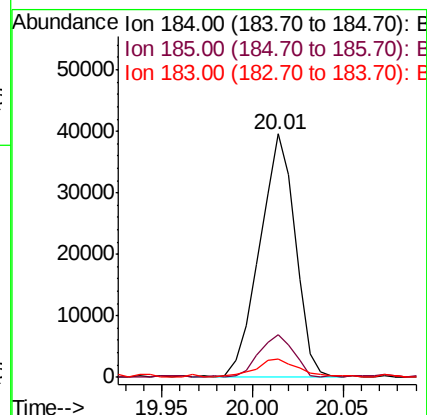
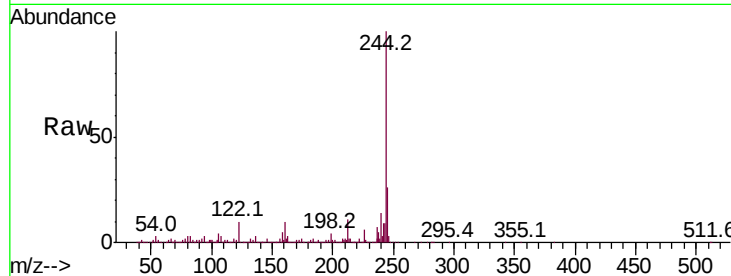
Tot Ion:184 Resp: 53956

Ion Ratio Lower Upper

184 100

185 17.5 12.6 19.0

183 7.4 11.3 16.9#



#79

Terphenyl-d14

Concen: 105.327 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

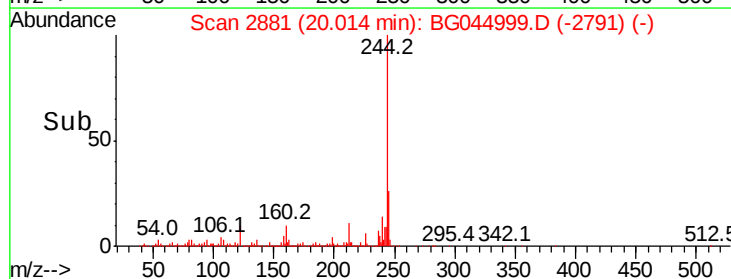
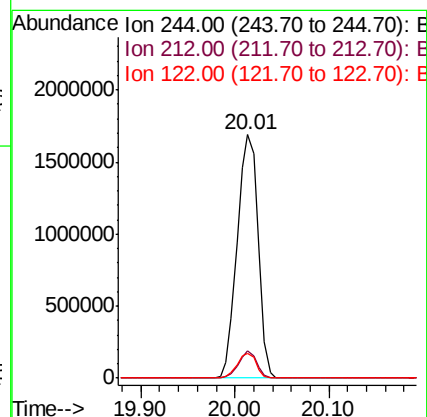
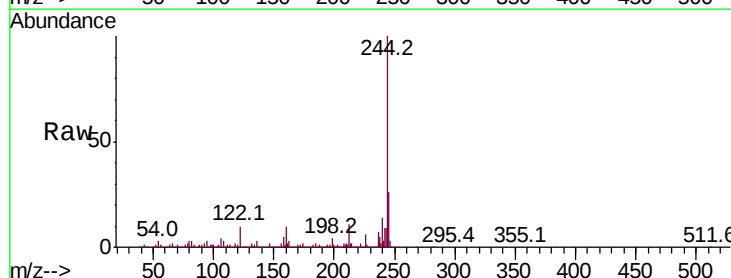
Tgt Ion:244 Resp: 2600847

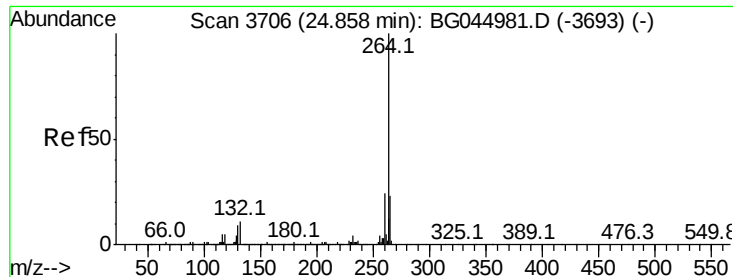
Ion Ratio Lower Upper

244 100

212 11.1 7.9 11.9

122 10.2 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion: 264 Resp: 574197

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.1	19.0	28.4

