

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045114.D
 Acq On : 21 Apr 2020 16:38
 Operator : CG/JU
 Sample : L2340-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Apr 21 17:25:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	66695	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280041	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	217809	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	490046	20.00	ng	0.00
76) Chrysene-d12	21.66	240	450315	20.00	ng	0.00
87) Perylene-d12	24.85	264	488794	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	584358	144.65	ng	0.00
7) Phenol-d6	7.19	99	826871	137.76	ng	0.00
23) Nitrobenzene-d5	9.18	82	654154	106.59	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	562750	167.24	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1542244	103.83	ng	0.00
79) Terphenyl-d14	20.02	244	2403275	116.32	ng	0.00

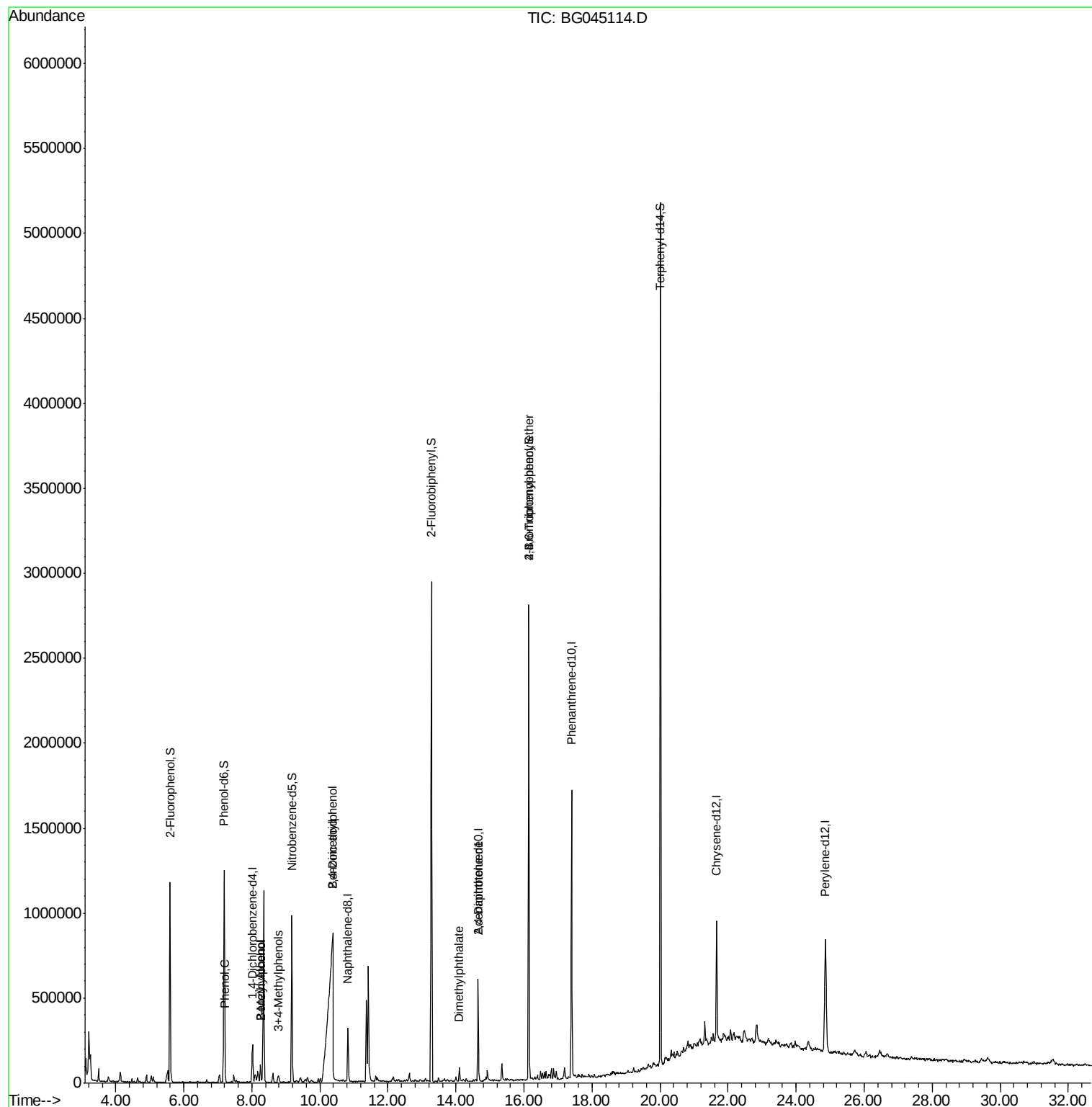
Target Compounds				Qvalue		
9) Benzaldehyde	7.14	77	2589	Below Cal		91
10) Phenol	7.22	94	17840	2.970 ng		95
15) Benzyl Alcohol	8.25	79	42279	8.402 ng		94
17) 2-Methylphenol	8.25	107	20858	4.501 ng	#	1
20) 3+4-Methylphenols	8.78	107	15726	2.424 ng		84
27) 2,4-Dimethylphenol	10.38	122	1482857	344.871 ng	#	2
32) Benzoic acid	10.38	122	1482857	376.591 ng		93
50) Dimethylphthalate	14.10	163	49384	2.785 ng		97
57) 2,4-Dinitrotoluene	14.65	165	28459	4.909 ng	#	22
67) 4-Bromophenyl-phenylether	16.14	248	39029	6.174 ng	#	1
69) Atrazine	16.86	200	61	Below Cal	#	1
74) Di-n-butylphthalate	18.36	149	4126	Below Cal	#	49
75) Fluoranthene	19.45	202	1665	Below Cal		63
77) Benzidine	19.38	184	5319	Below Cal	#	91

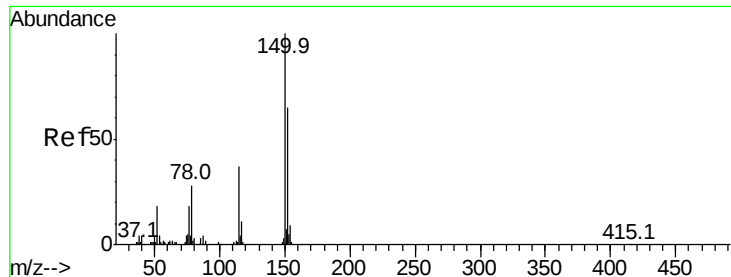
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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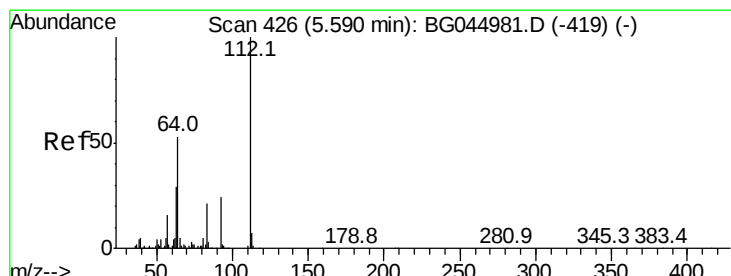
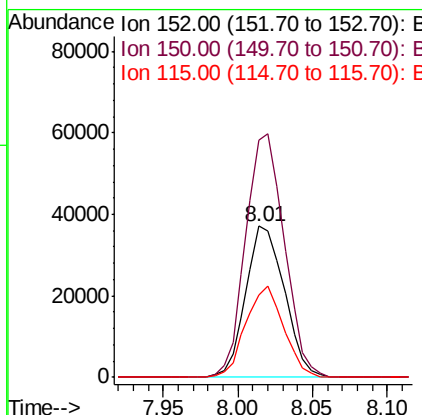
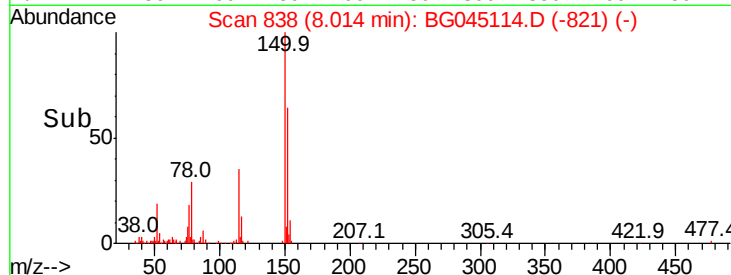
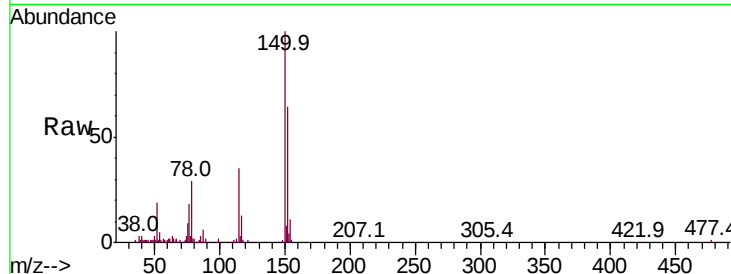




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

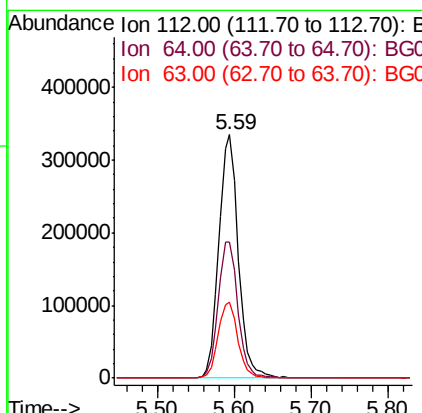
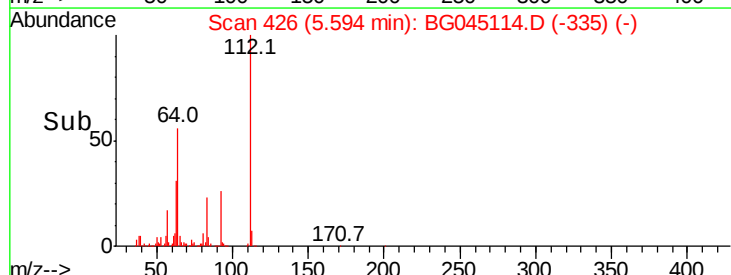
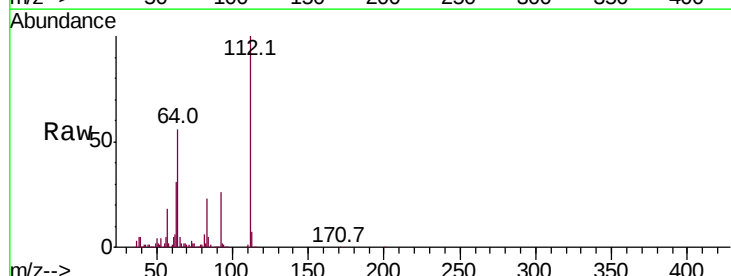
Instrument :
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Tot Ion:	152	Resp:	66695
Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.6	185.4
115	54.6	49.1	73.7



#5
 2-Fluorophenol
 Concen: 144.650 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

Tgt Ion:	112	Resp:	584358
Ion	Ratio	Lower	Upper
112	100		
64	55.7	42.4	63.6
63	31.4	23.1	34.7





#7

Phenol-d6

Concen: 137.763 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

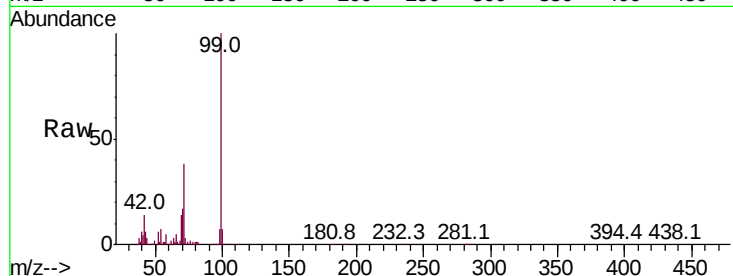
Tot Ion: 99 Resp: 826871

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

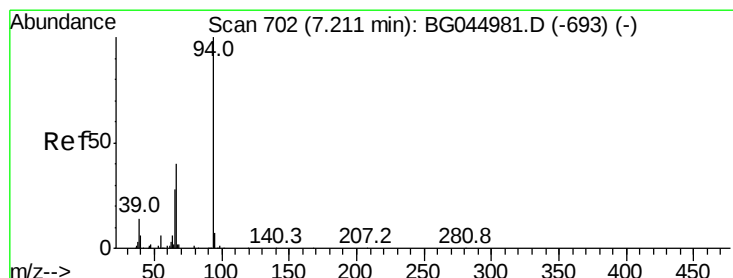
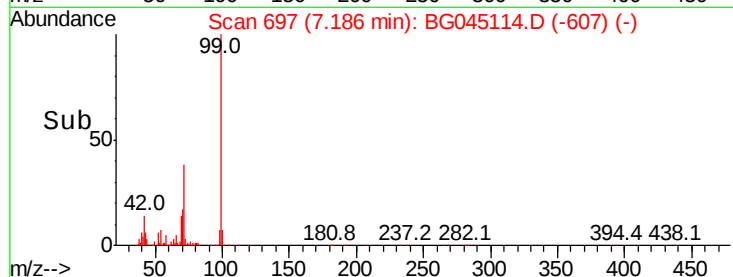
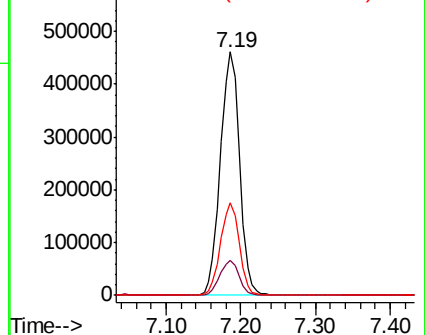
71 37.8 28.3 42.5



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



#10

Phenol

Concen: 2.970 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

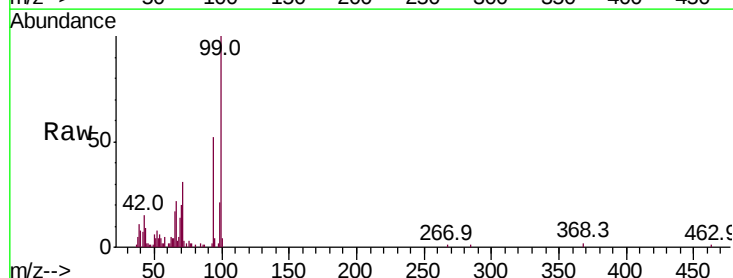
Tgt Ion: 94 Resp: 17840

Ion Ratio Lower Upper

94 100

65 32.4 8.2 48.2

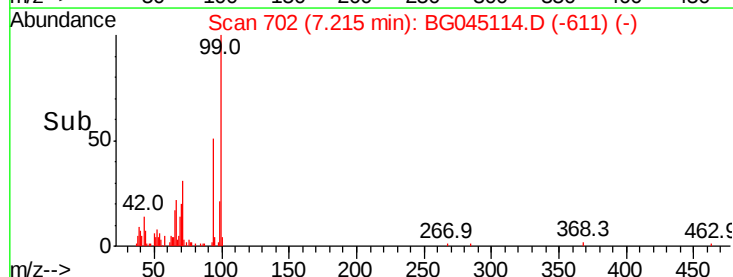
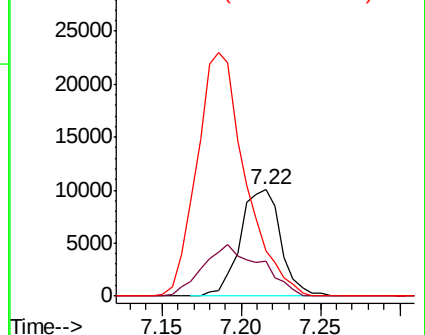
66 42.4 20.4 60.4

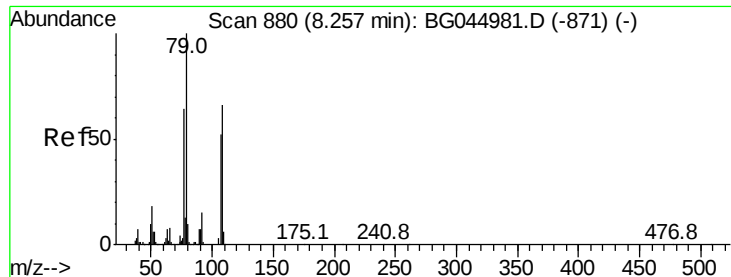


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 8.402 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

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ClientSampleId :

CHASSIS-WASH

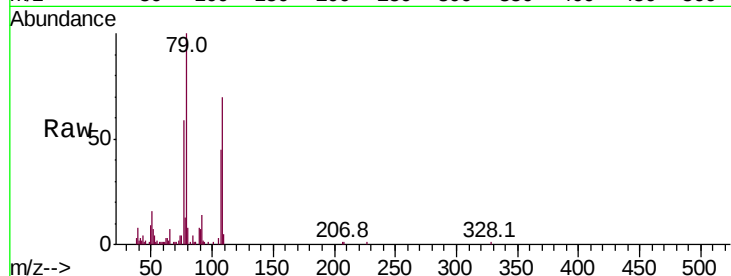
Tot Ion: 79 Resp: 42279

Ion Ratio Lower Upper

79 100

108 69.7 52.7 79.1

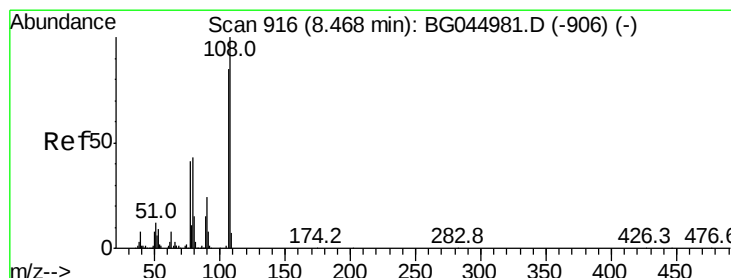
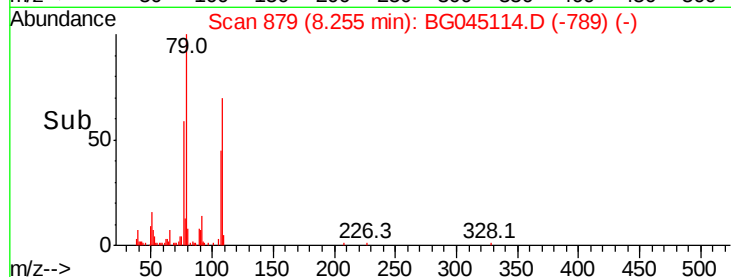
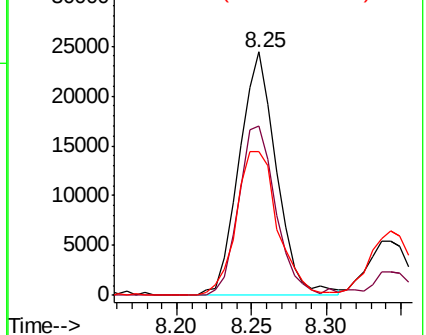
77 58.9 51.3 76.9



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



#17

2-Methylphenol

Concen: 4.501 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.21 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Tgt Ion: 107 Resp: 20858

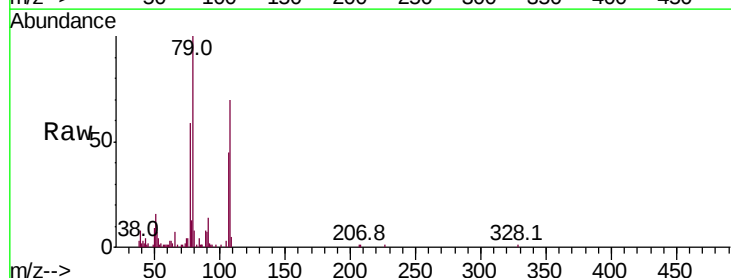
Ion Ratio Lower Upper

107 100

108 155.2 93.8 140.6#

77 131.2 38.5 57.7#

79 222.6 40.1 60.1#

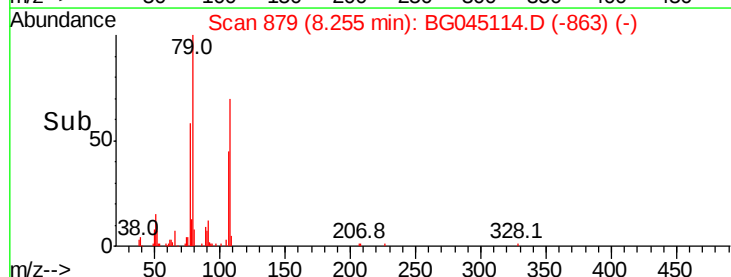
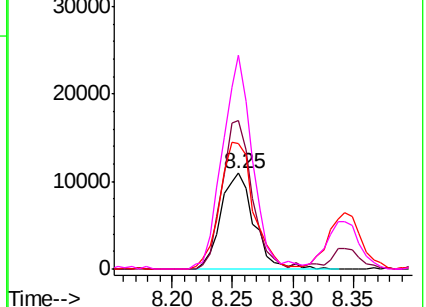


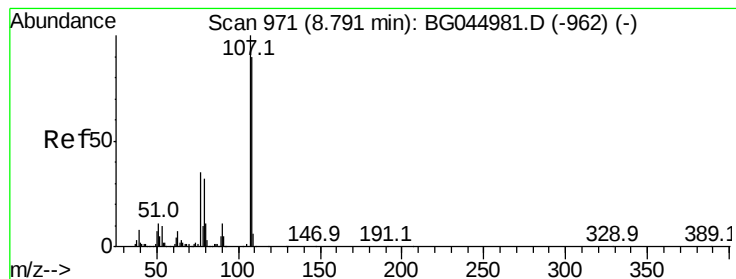
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#20

3+4-Methylphenols

Concen: 2.424 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

Tot Ion:107 Resp: 15726

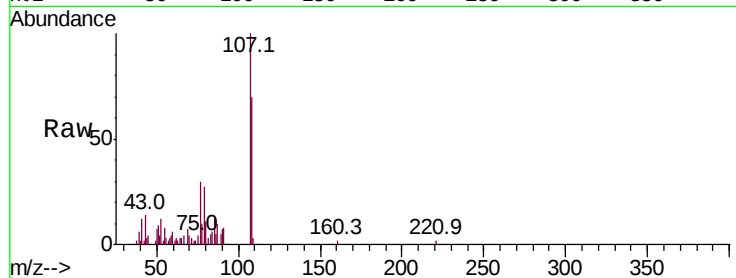
Ion Ratio Lower Upper

107 100

108 70.1 69.9 109.9

77 30.4 15.2 55.2

79 27.0 11.6 51.6



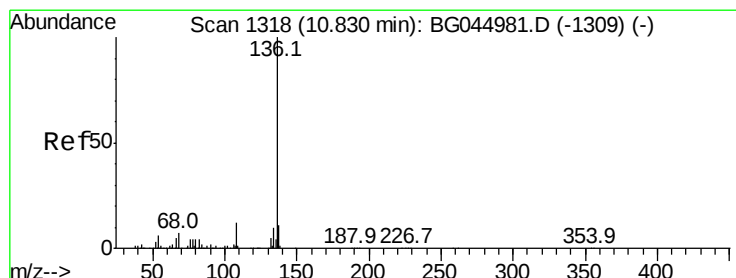
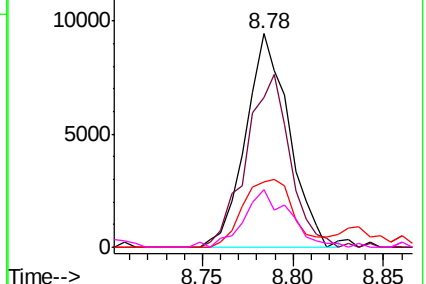
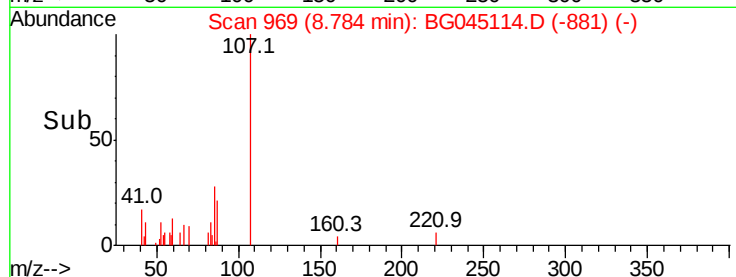
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Tgt Ion:136 Resp: 280041

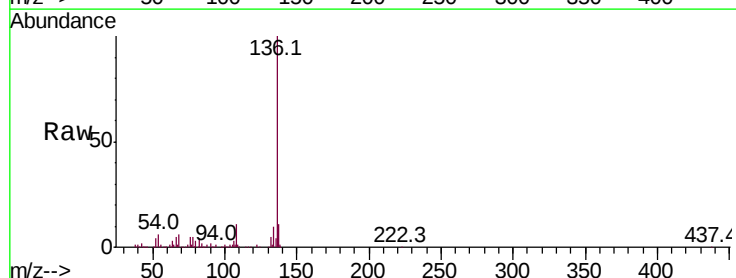
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.4 4.8 7.2

68 5.8 5.2 7.8



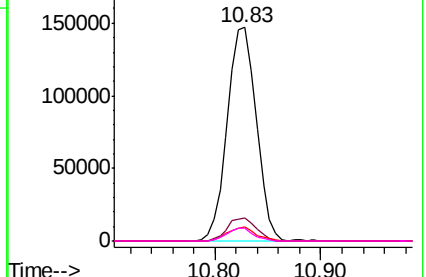
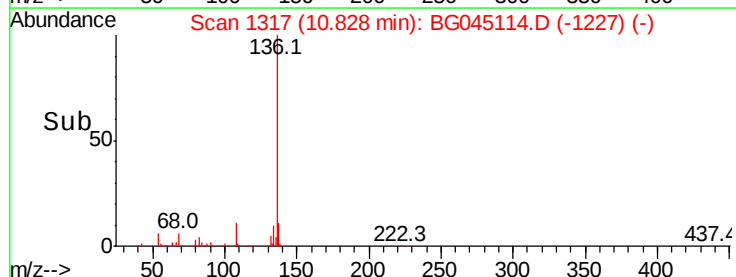
Abundance

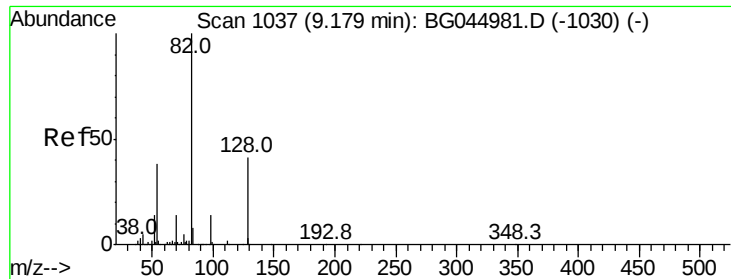
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

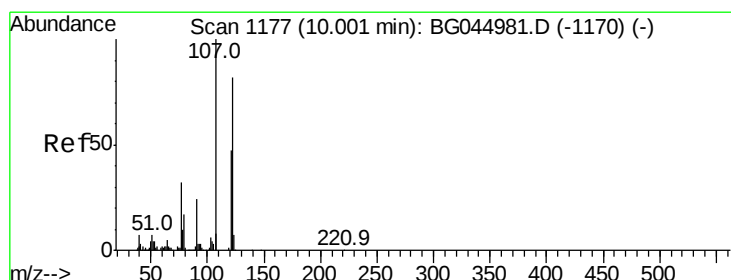
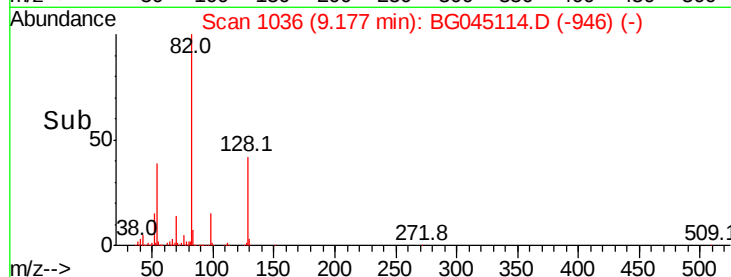
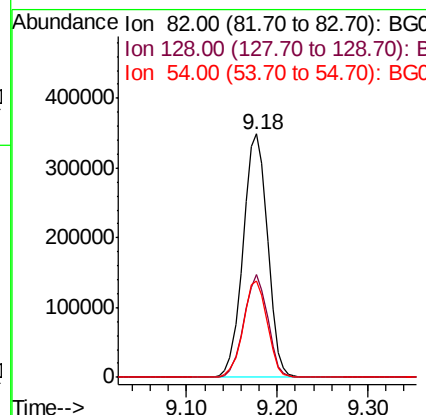
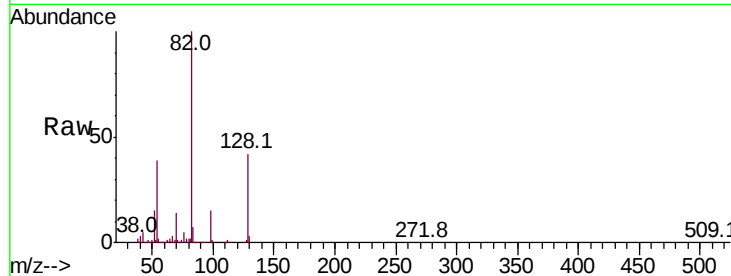




#23
 Nitrobenzene-d5
 Concen: 106.585 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

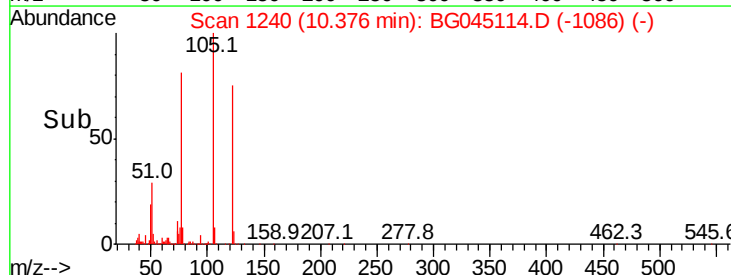
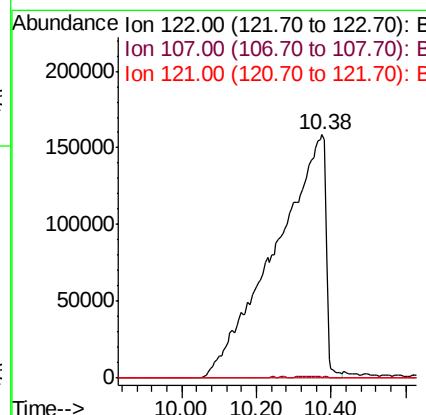
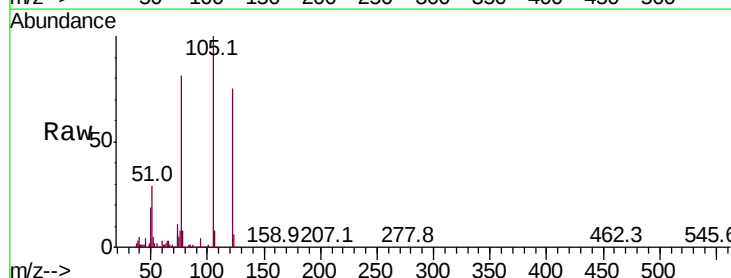
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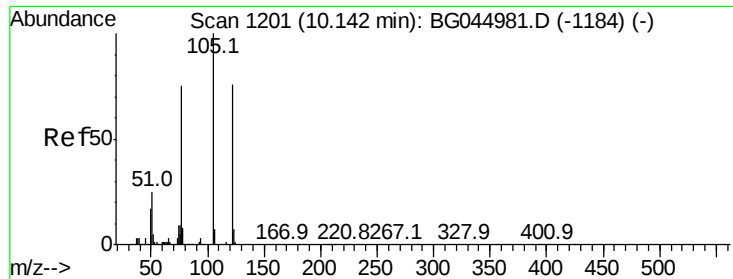
Tot Ion: 82 Resp: 654154
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.0 49.4
 54 39.5 30.4 45.6



#27
 2,4-Dimethylphenol
 Concen: 344.871 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. 0.37 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

Tgt Ion:122 Resp: 1482857
 Ion Ratio Lower Upper
 122 100
 107 0.4 96.8 145.2#
 121 0.0 45.6 68.4#

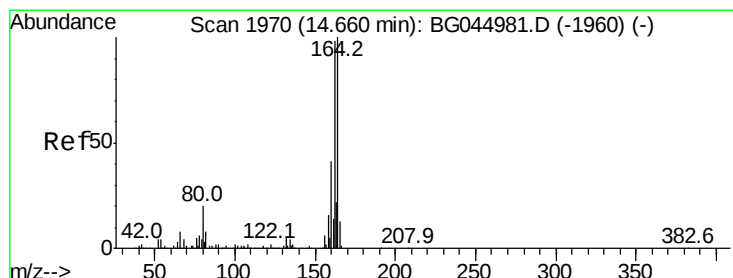
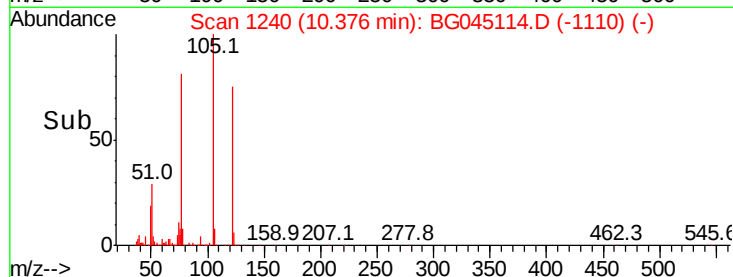
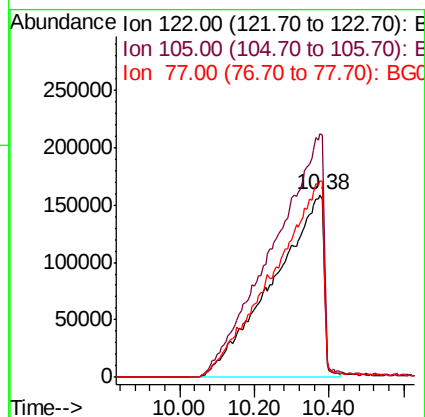
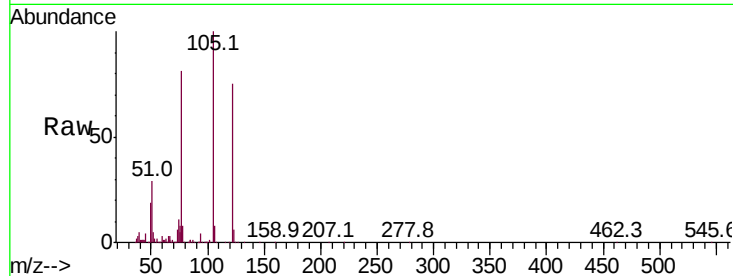




#32
Benzoic acid
Concen: 376.591 ng
RT: 10.38 min Scan# 1240
Delta R.T. 0.23 min
Lab File: BG045114.D
Acq: 21 Apr 2020 16:38

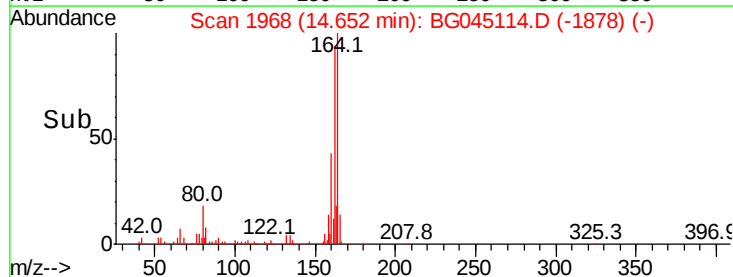
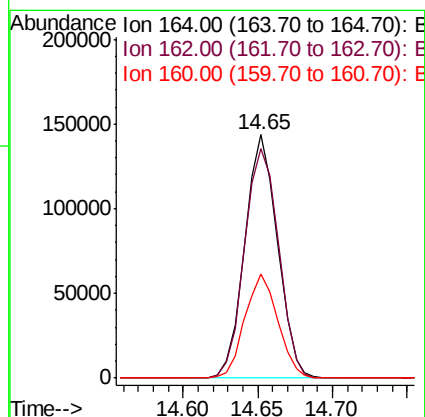
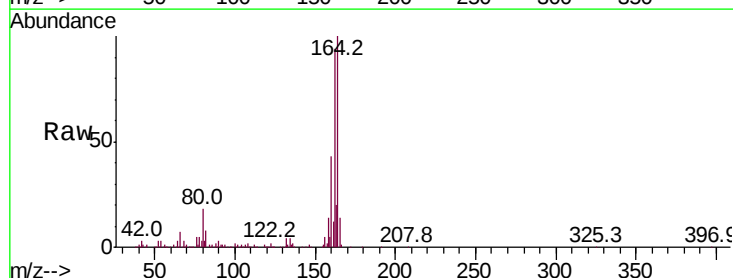
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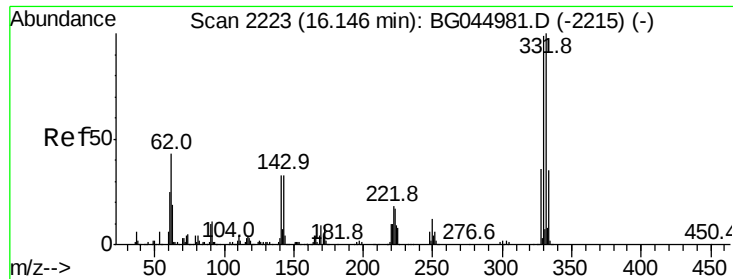
Tot Ion:122 Resp: 1482857
Ion Ratio Lower Upper
122 100
105 133.5 108.4 148.4
77 107.9 78.8 118.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG045114.D
Acq: 21 Apr 2020 16:38

Tgt Ion:164 Resp: 217809
Ion Ratio Lower Upper
164 100
162 94.2 78.7 118.1
160 42.7 32.8 49.2

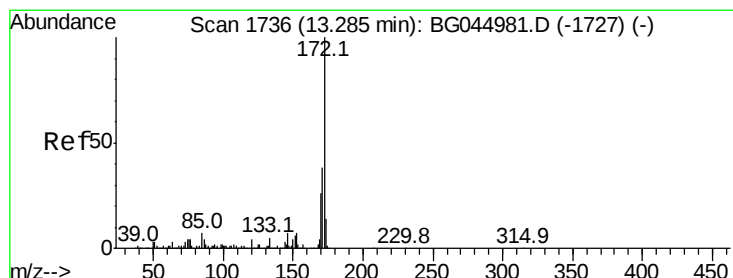
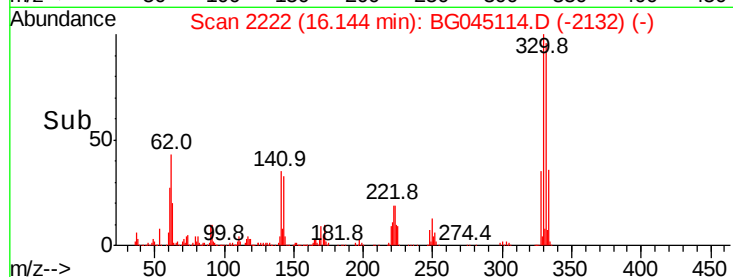
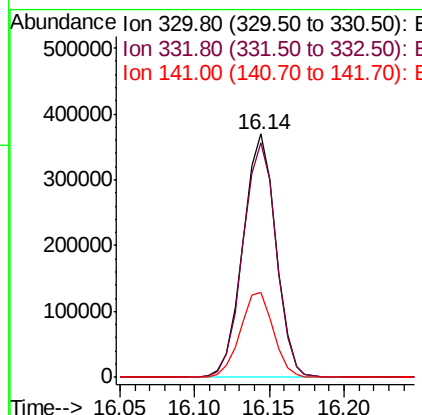
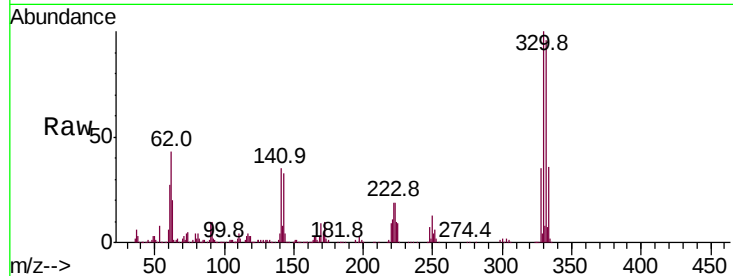




#42
 2,4,6-Tribromophenol
 Concen: 167.243 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

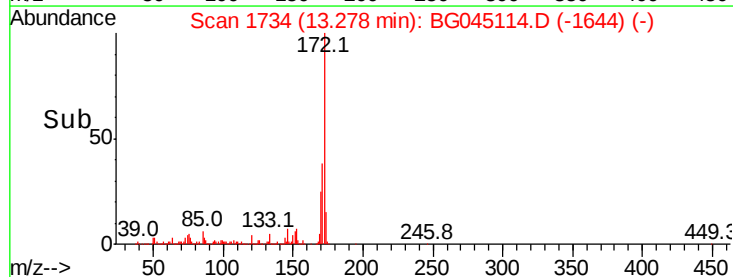
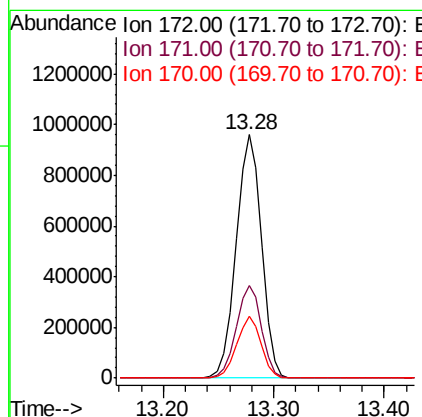
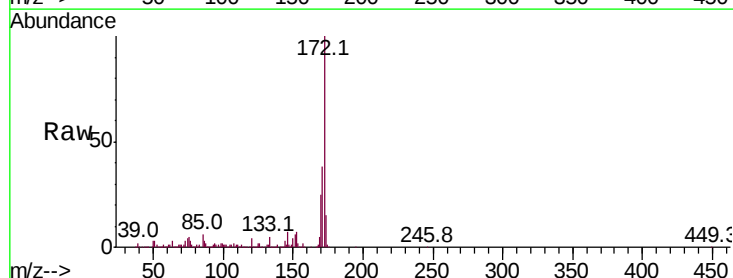
Instrument :
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 CHASSIS-WASH

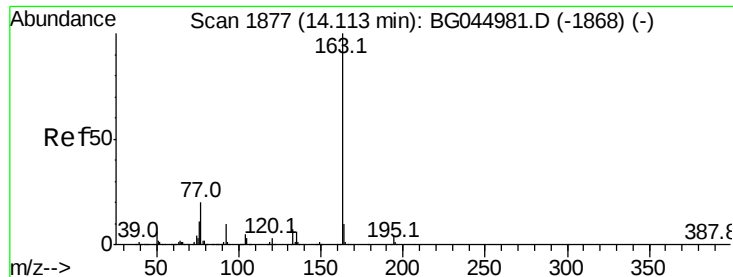
Tot Ion:330 Resp: 562750
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.1 118.7
 141 35.2 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 103.826 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

Tgt Ion:172 Resp: 1542244
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.6 46.0
 170 25.3 20.5 30.7

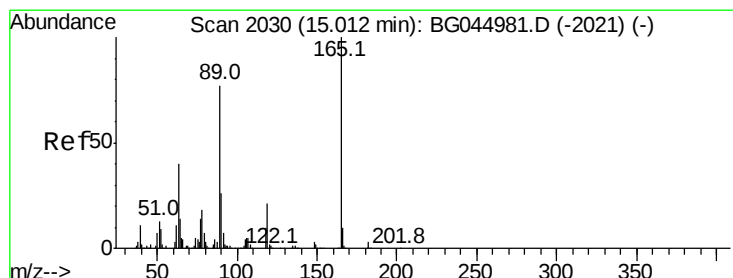
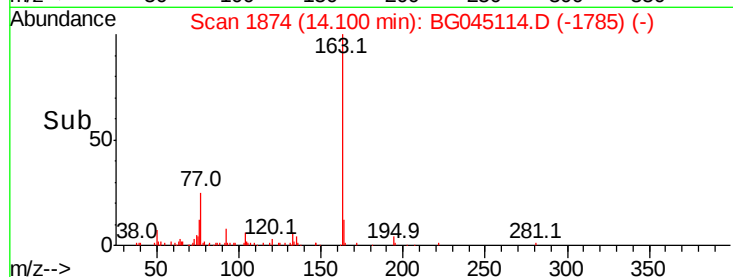
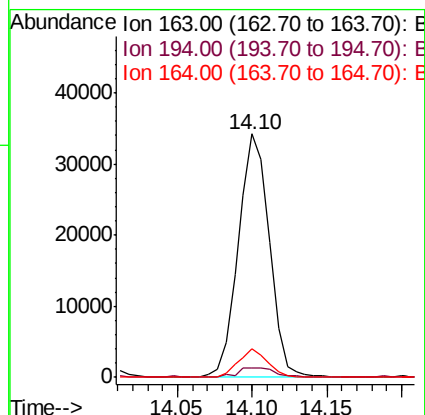
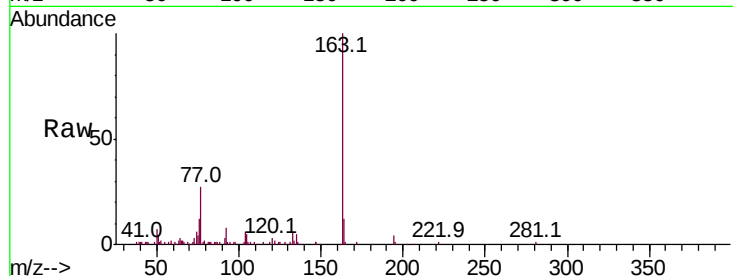




#50
Dimethylphthalate
Concen: 2.785 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045114.D
Acq: 21 Apr 2020 16:38

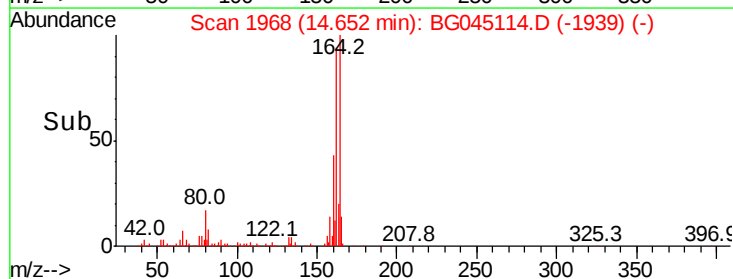
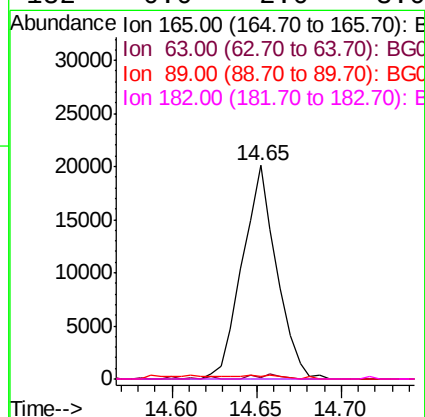
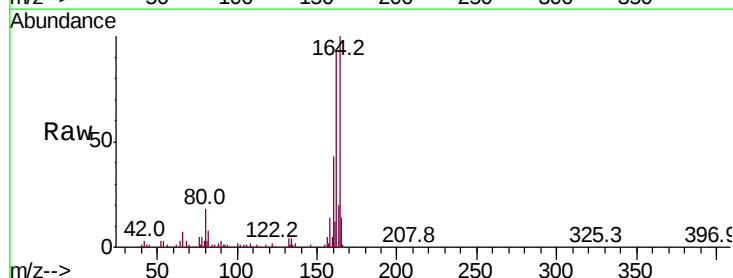
Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

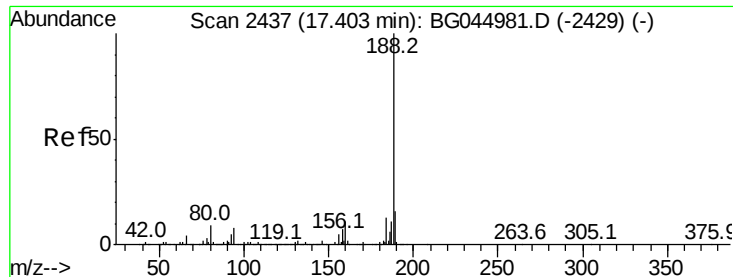
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	11.8	8.2	12.4



#57
2,4-Dinitrotoluene
Concen: 4.909 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG045114.D
Acq: 21 Apr 2020 16:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.2	48.2#
89	1.4	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: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

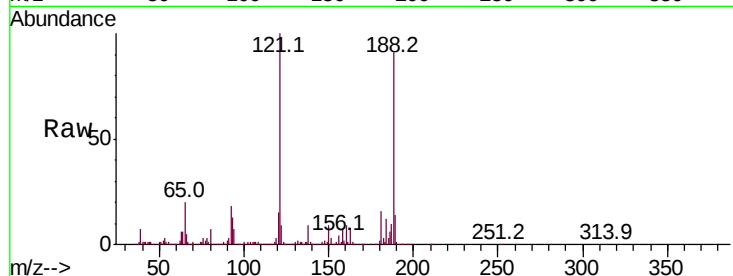
Tot Ion:188 Resp: 490046

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.4

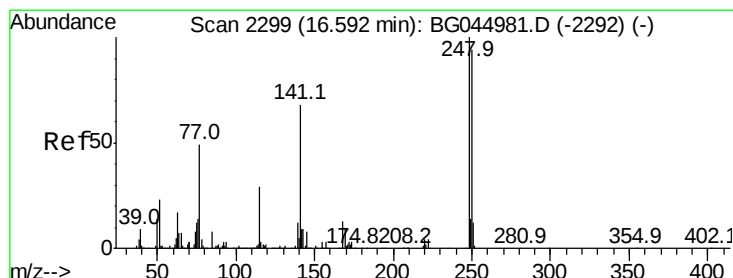
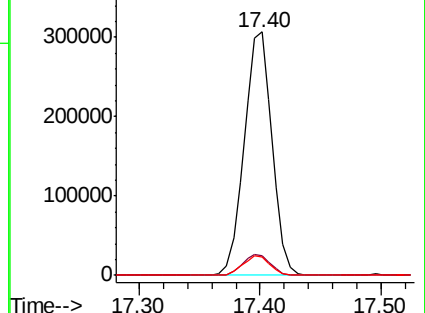
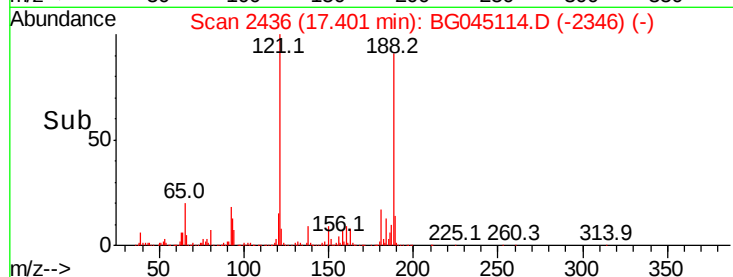
80 7.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 6.174 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.44 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

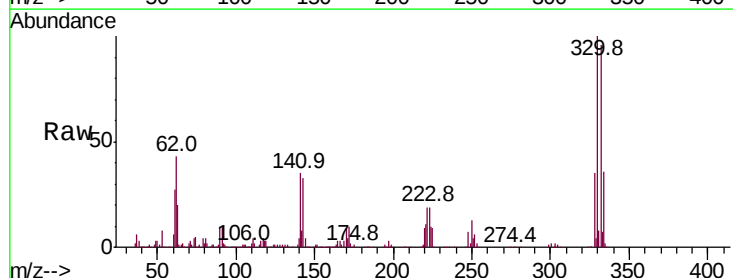
Tgt Ion:248 Resp: 39029

Ion Ratio Lower Upper

248 100

250 192.7 75.4 113.2#

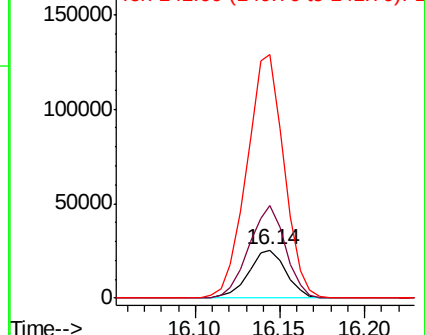
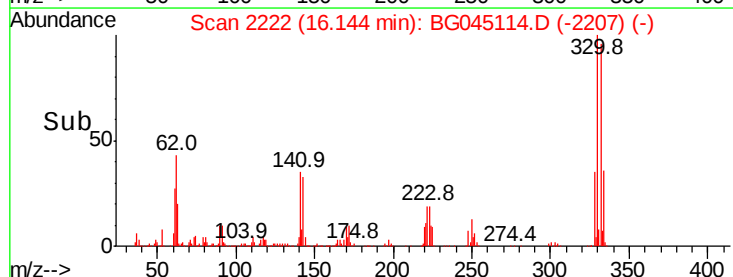
141 506.5 54.4 81.6#

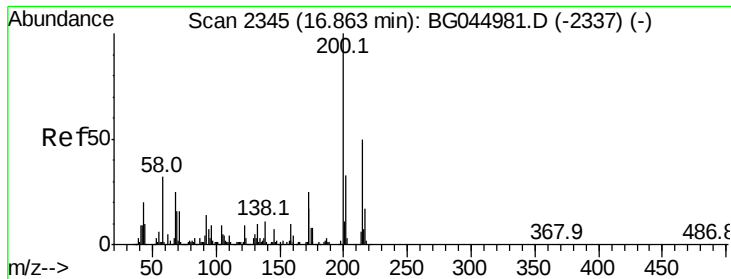


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.86 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

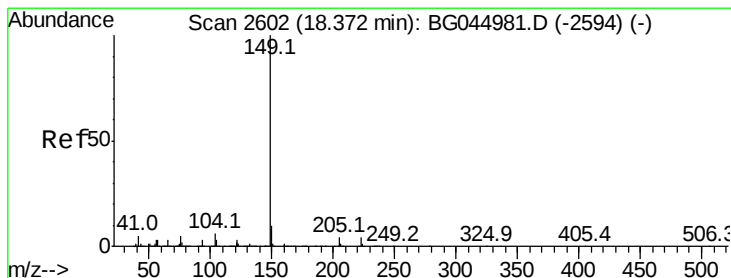
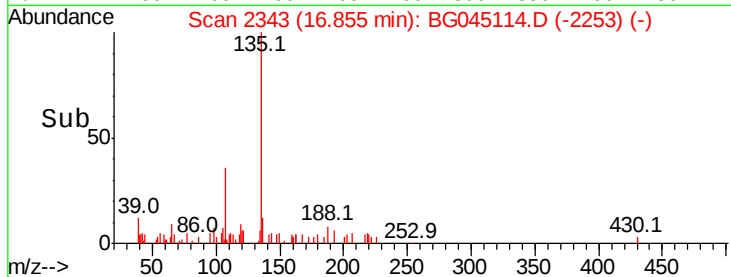
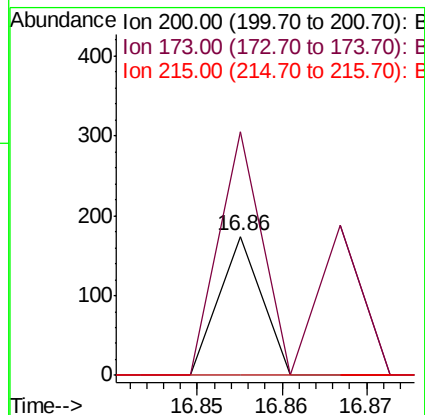
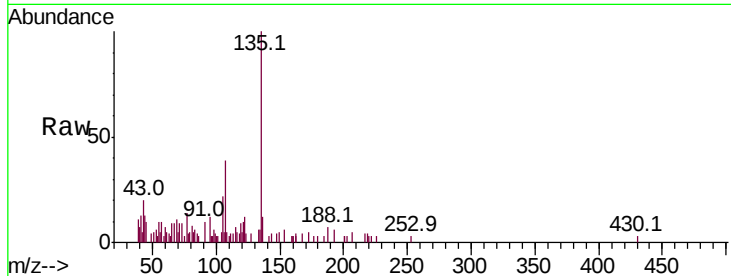
BNA_G

ClientSampleId :

CHASSIS-WASH

Tot Ion:200 Resp: 61

Ion	Ratio	Lower	Upper
200	100		
173	175.3	4.5	44.5#
215	0.0	30.0	70.0#



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.36 min Scan# 2599

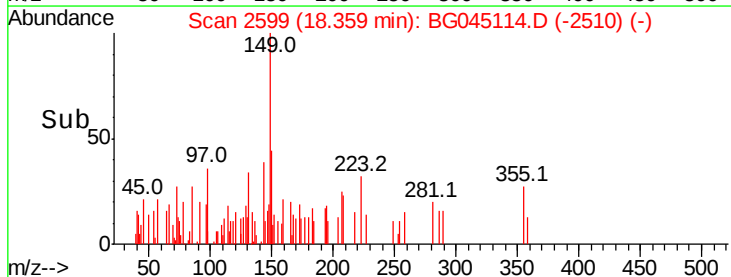
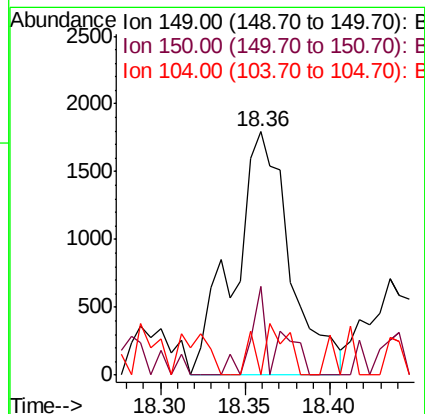
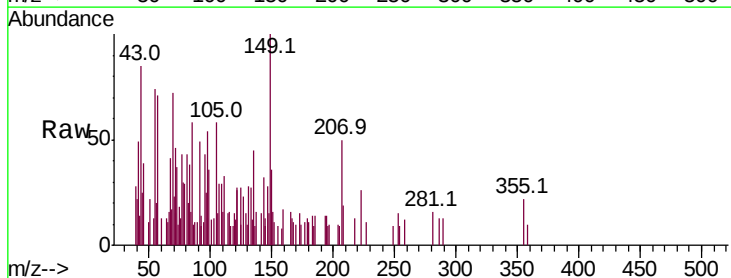
Delta R.T. -0.01 min

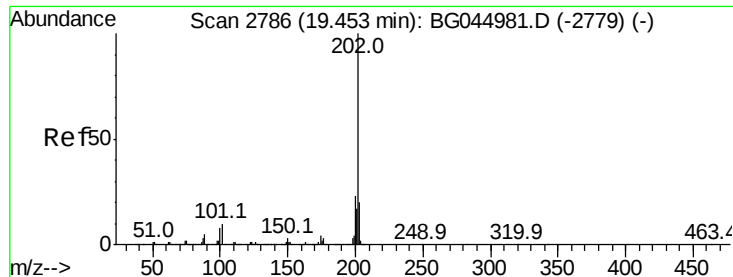
Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Tgt Ion:149 Resp: 4126

Ion	Ratio	Lower	Upper
149	100		
150	36.2	8.2	12.2#
104	0.0	4.8	7.2#





#75

Fluoranthene

Concen: Below Cal

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

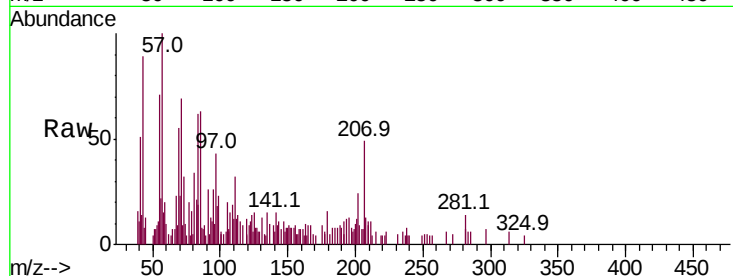
Tot Ion:202 Resp: 1665

Ion Ratio Lower Upper

202 100

101 20.4 0.0 29.6

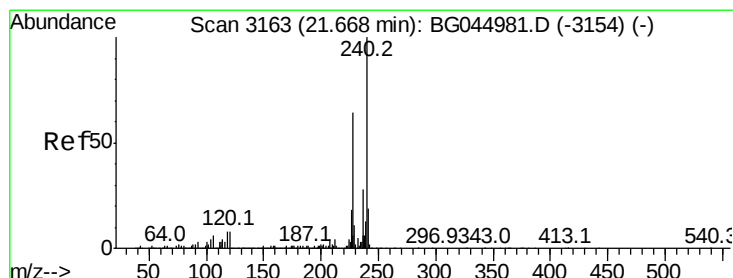
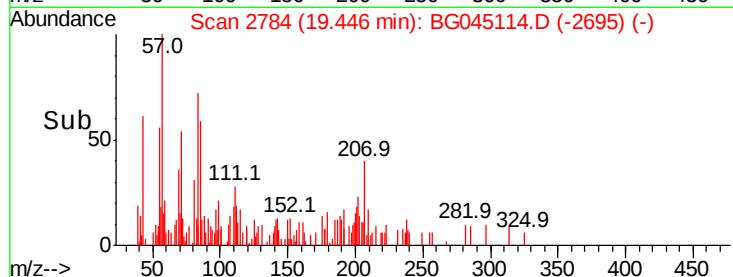
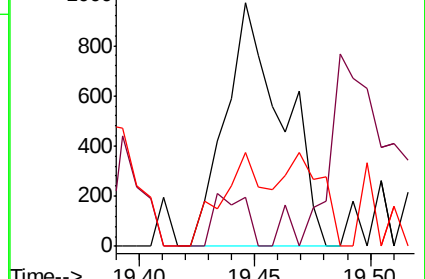
203 38.6 0.0 39.7



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# 3161

Delta R.T. -0.01 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

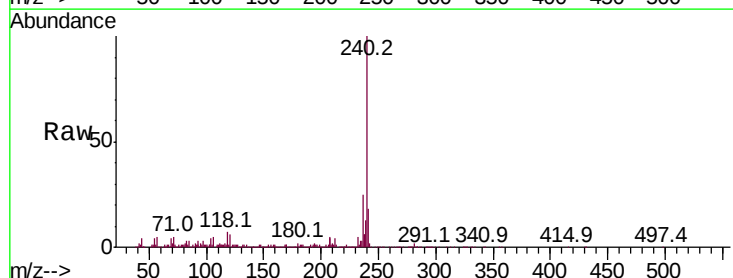
Tgt Ion:240 Resp: 450315

Ion Ratio Lower Upper

240 100

120 6.3 6.6 10.0#

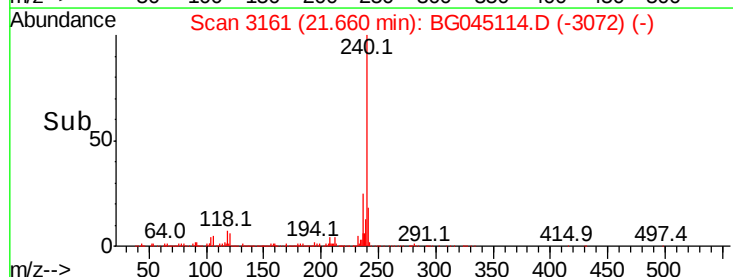
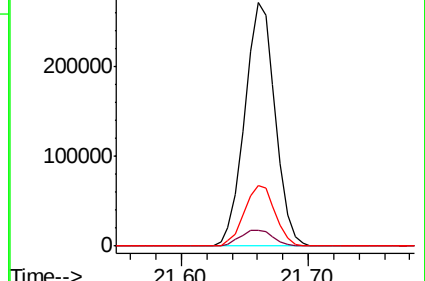
236 24.7 22.2 33.2

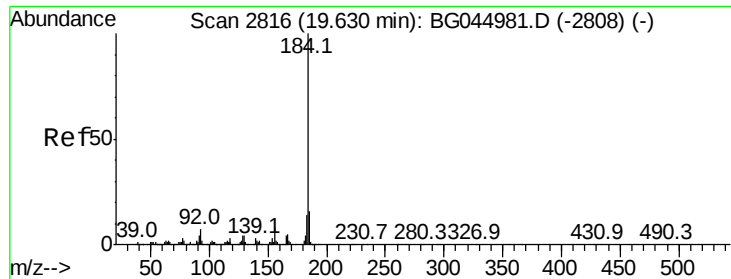


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.38 min Scan# 2772

Delta R.T. -0.25 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH

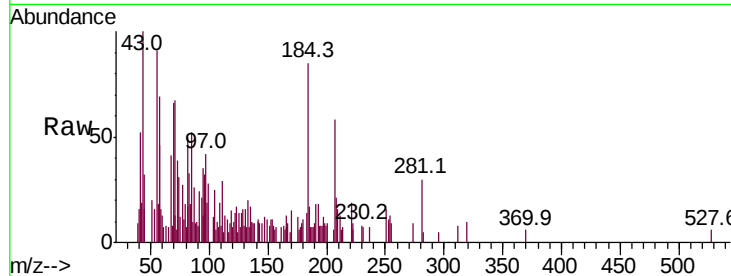
Tot Ion:184 Resp: 5319

Ion Ratio Lower Upper

184 100

185 20.5 12.6 19.0#

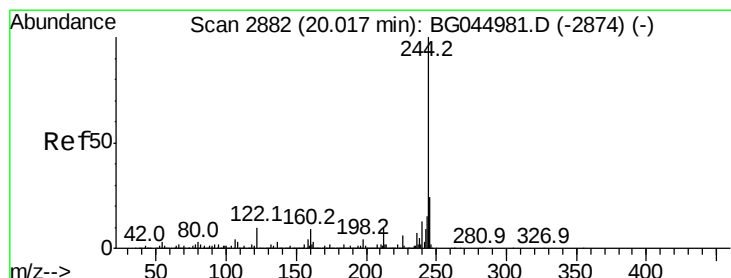
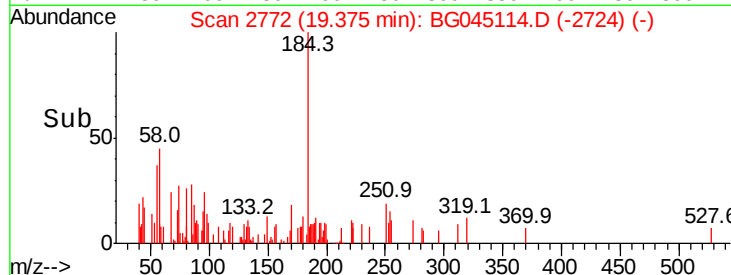
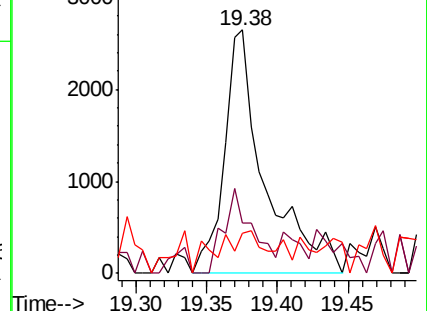
183 16.6 11.3 16.9



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: 116.321 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG045114.D

Acq: 21 Apr 2020 16:38

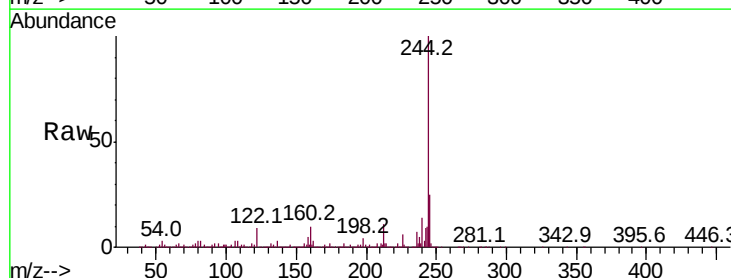
Tgt Ion:244 Resp: 2403275

Ion Ratio Lower Upper

244 100

212 10.8 7.9 11.9

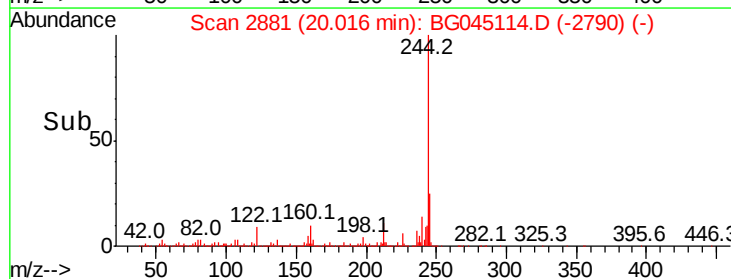
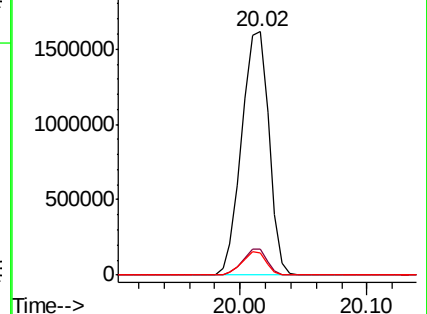
122 8.9 7.7 11.5

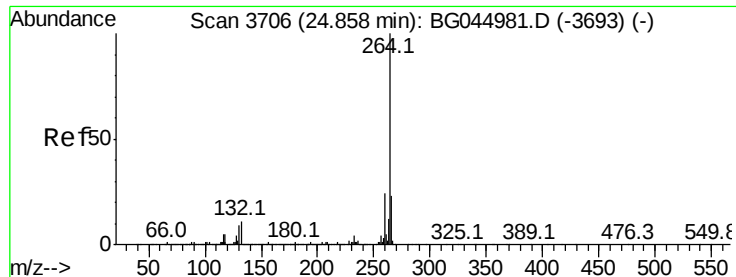


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG045114.D
 Acq: 21 Apr 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.0	19.0	28.4

