

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045113.D
 Acq On : 21 Apr 2020 15:58
 Operator : CG/JU
 Sample : L2340-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 21 16:50:59 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

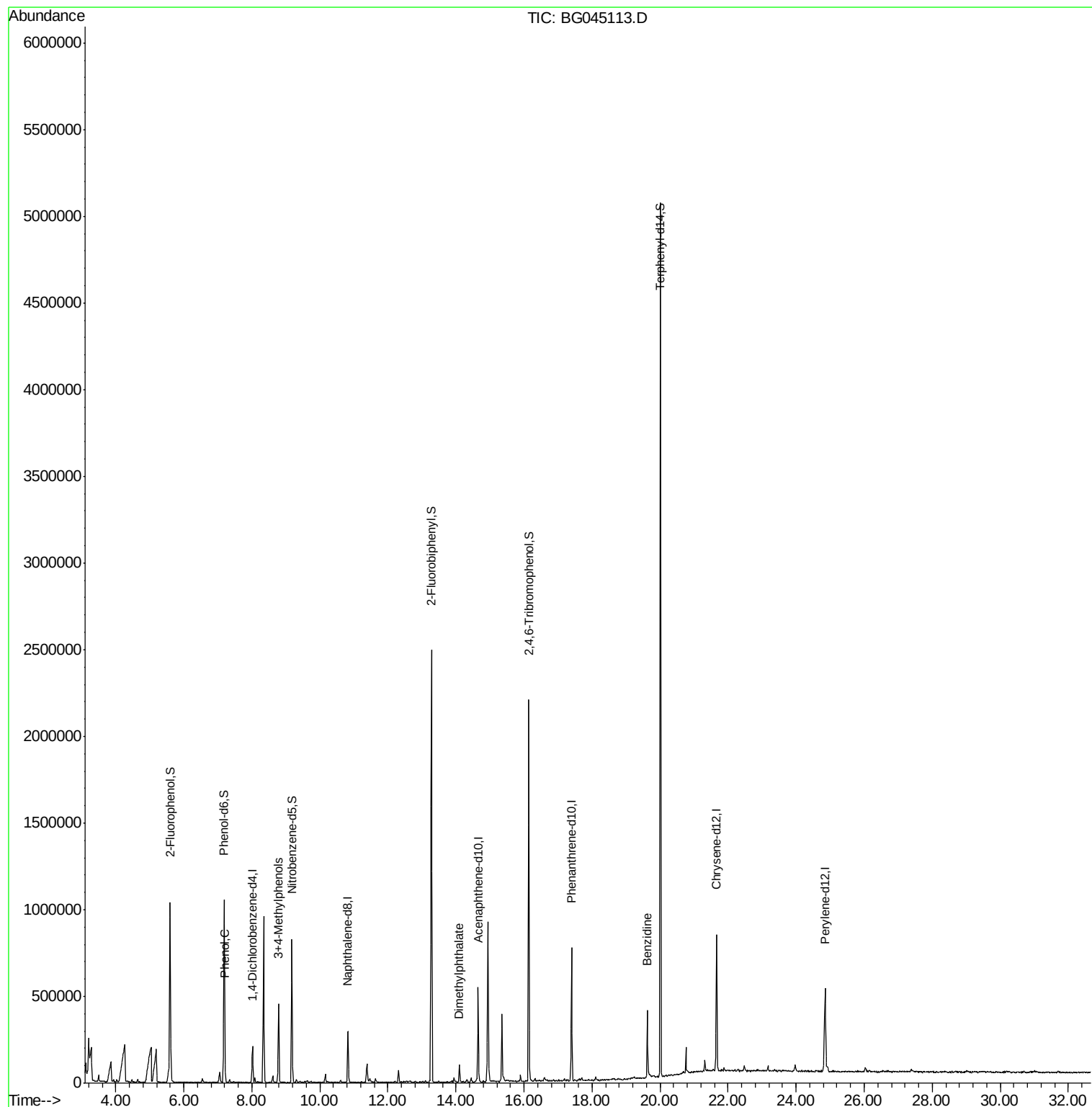
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62667	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	267339	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	203374	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	499294	20.00	ng	0.00
76) Chrysene-d12	21.66	240	508334	20.00	ng	0.00
87) Perylene-d12	24.85	264	553765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	445596	117.39	ng	0.00
7) Phenol-d6	7.19	99	671121	119.00	ng	0.00
23) Nitrobenzene-d5	9.18	82	567696	96.89	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	455591	145.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1364112	98.35	ng	0.00
79) Terphenyl-d14	20.01	244	2390134	102.48	ng	0.00
Target Compounds						
10) Phenol	7.21	94	36826	6.525	ng	92
20) 3+4-Methylphenols	8.78	107	225378	36.980	ng	90
50) Dimethylphthalate	14.10	163	62027	3.746	ng	# 98
77) Benzidine	19.62	184	235016	11.533	ng	96

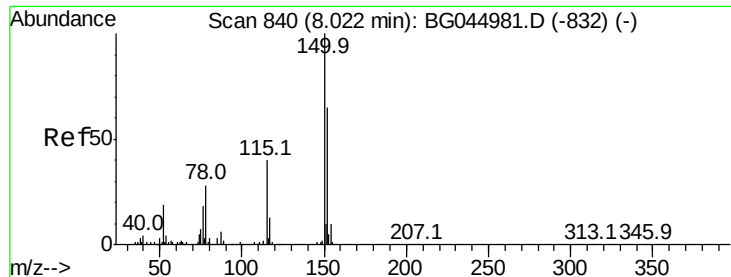
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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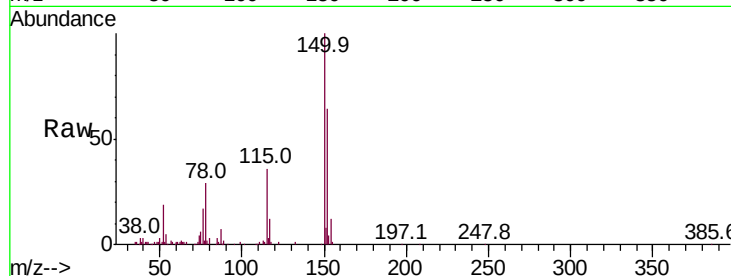


#1

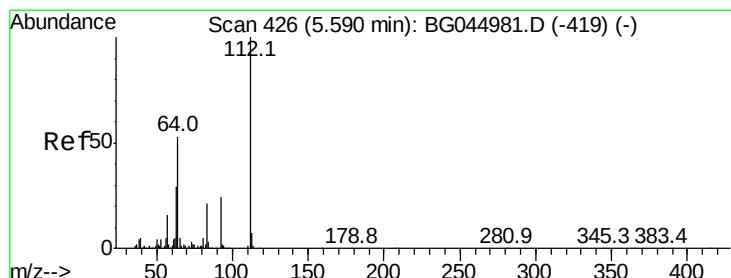
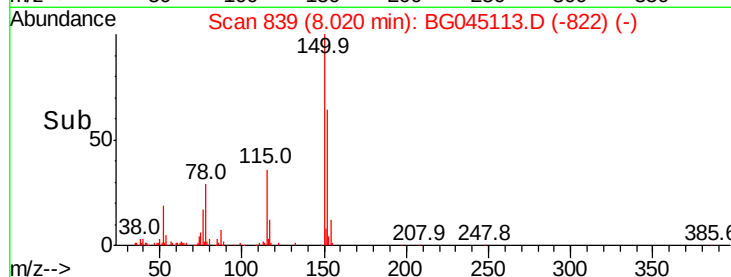
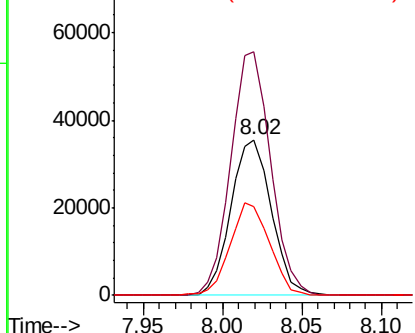
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.6	185.4
115	57.0	49.1	73.7



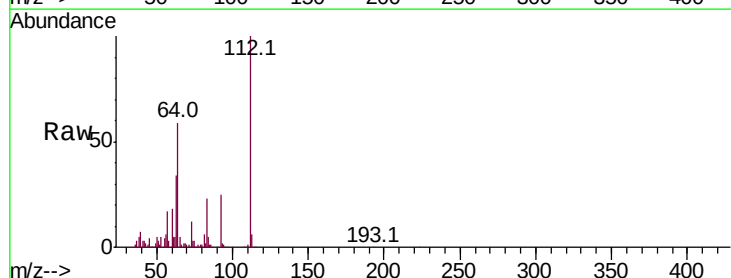
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



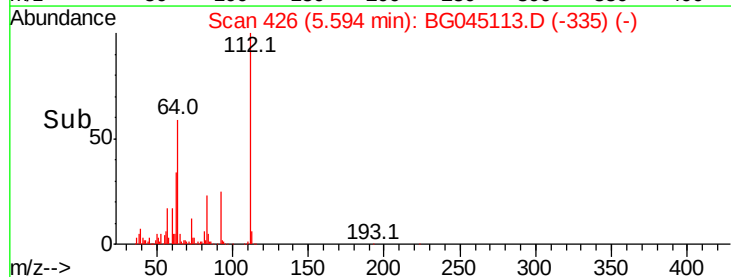
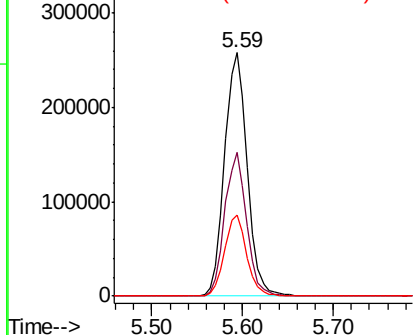
#5

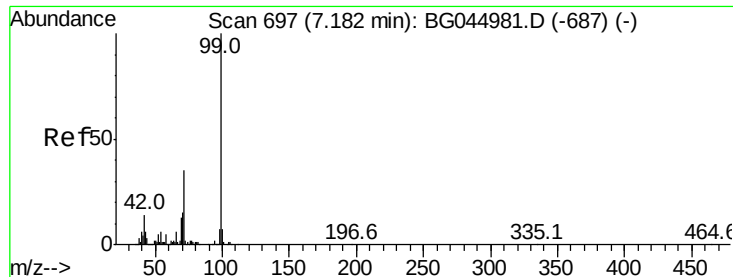
2-Fluorophenol
Concen: 117.391 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045113.D
Acq: 21 Apr 2020 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	33.5	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.001 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

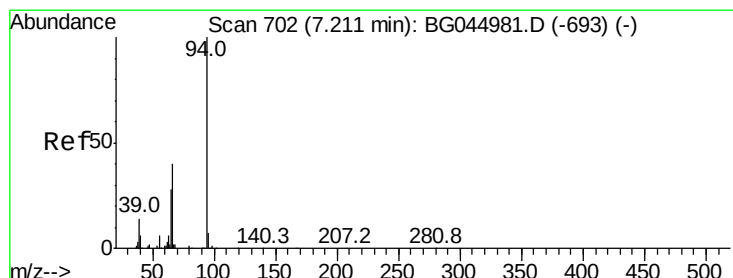
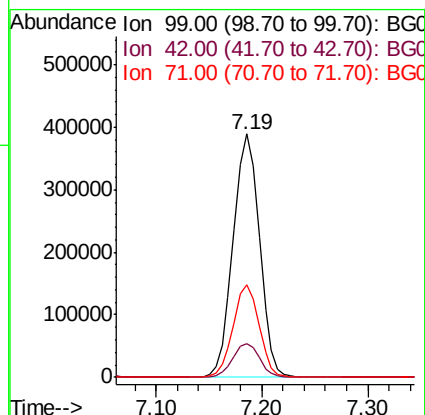
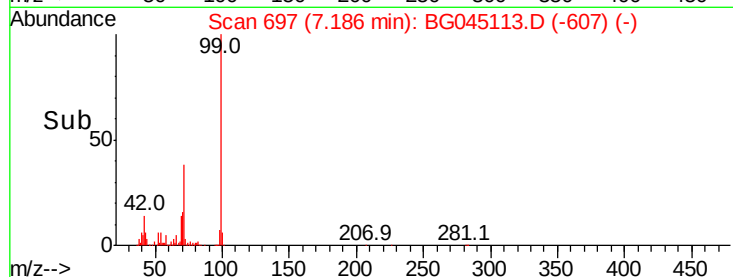
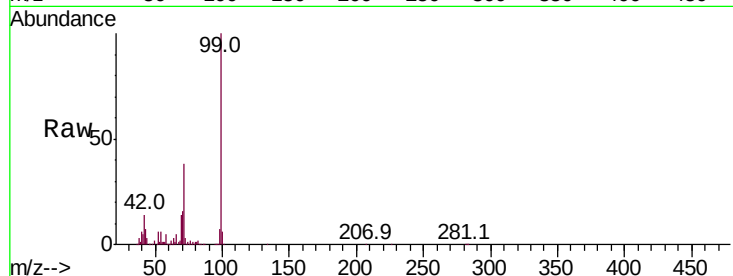
Tot Ion: 99 Resp: 671121

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

71 37.9 28.3 42.5



#10

Phenol

Concen: 6.525 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

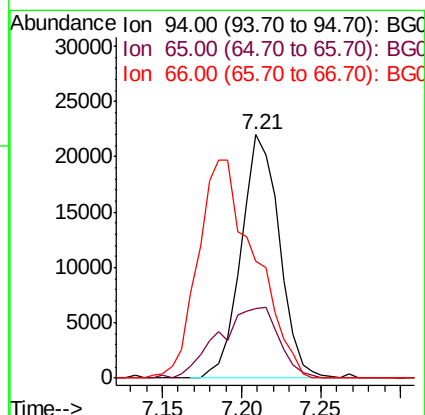
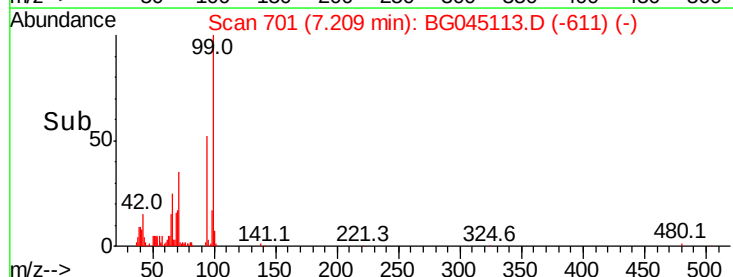
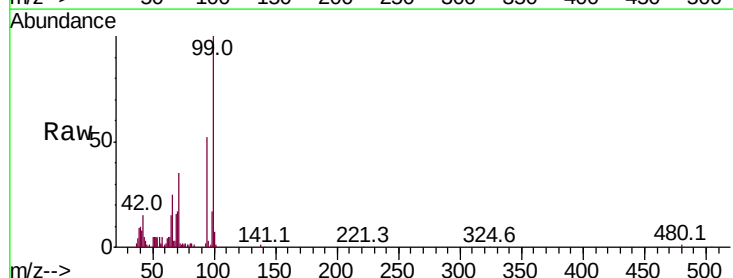
Tgt Ion: 94 Resp: 36826

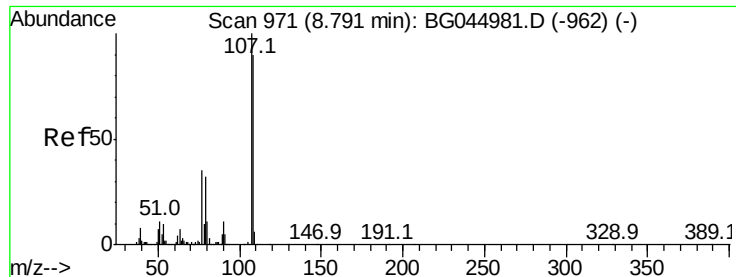
Ion Ratio Lower Upper

94 100

65 28.8 8.2 48.2

66 47.9 20.4 60.4





#20

3+4-Methylphenols

Concen: 36.980 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

Tot Ion:107 Resp: 225378

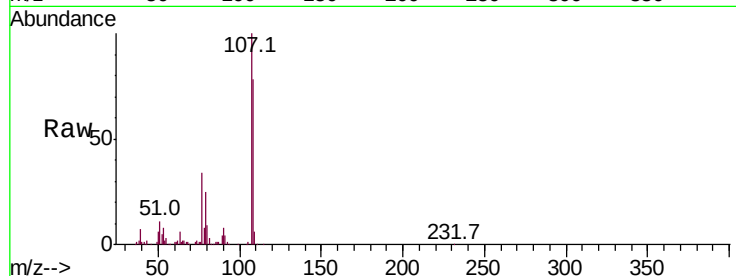
Ion Ratio Lower Upper

107 100

108 78.3 69.9 109.9

77 33.8 15.2 55.2

79 25.2 11.6 51.6

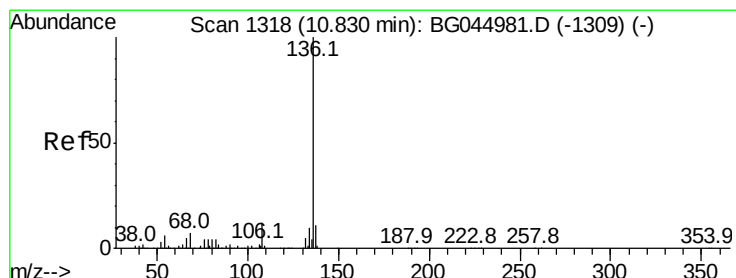
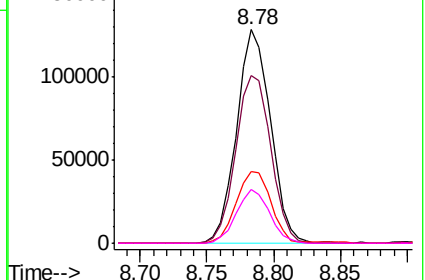
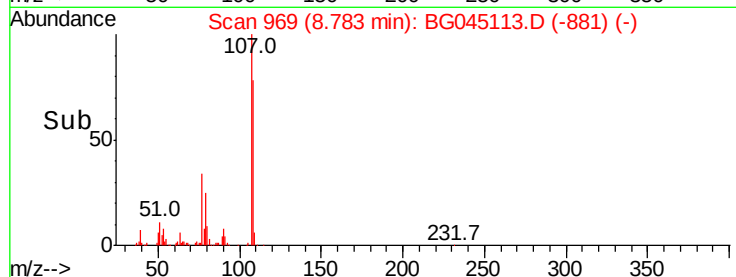


Abundance Ion 107.00 (106.70 to 107.70): E

200000 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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Tgt Ion:136 Resp: 267339

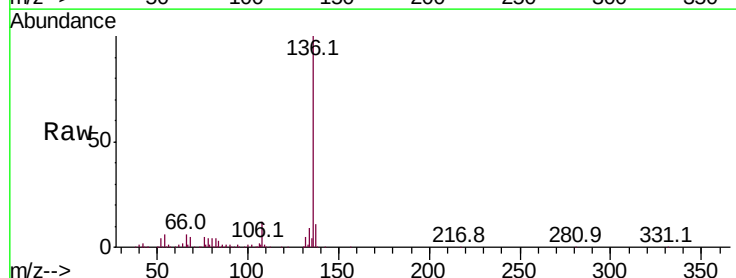
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.9 4.8 7.2

68 5.1 5.2 7.8#

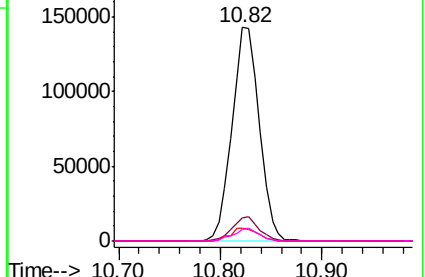
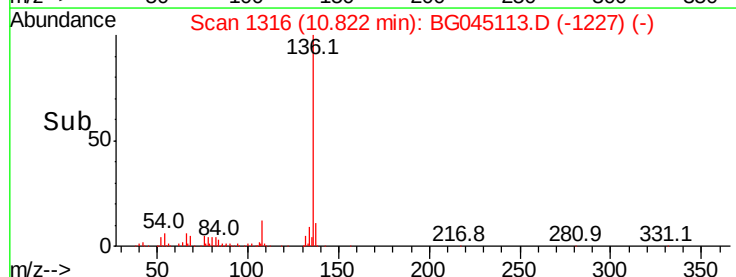


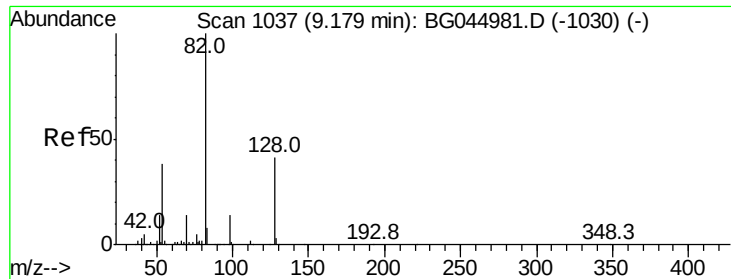
Abundance Ion 136.00 (135.70 to 136.70): E

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

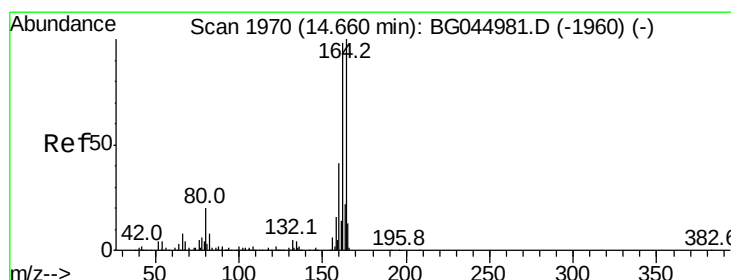
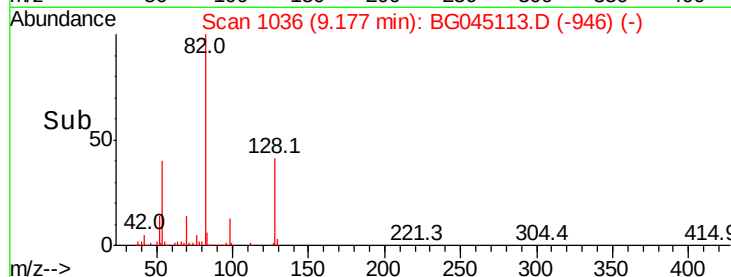
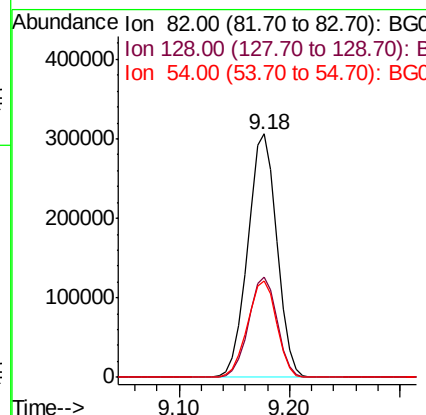
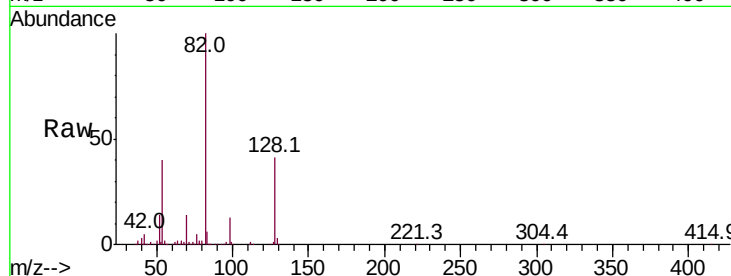




#23
 Nitrobenzene-d5
 Concen: 96.893 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045113.D
 Acq: 21 Apr 2020 15:58

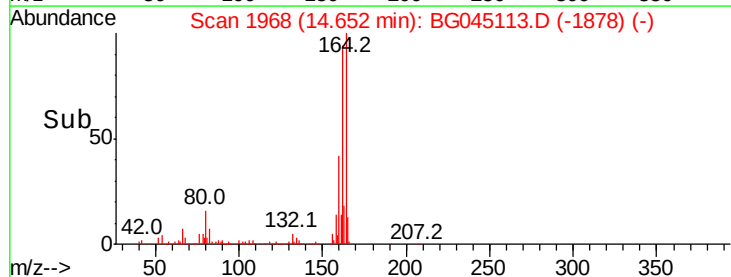
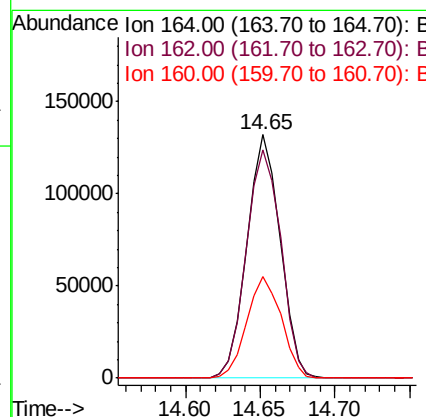
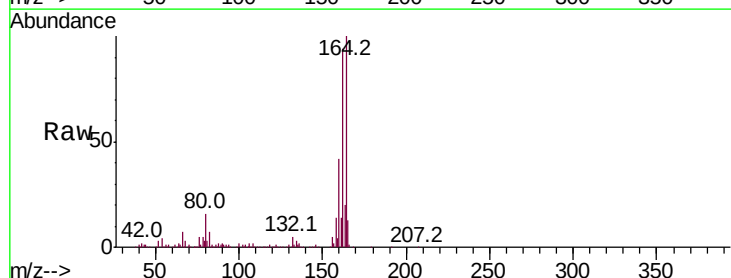
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

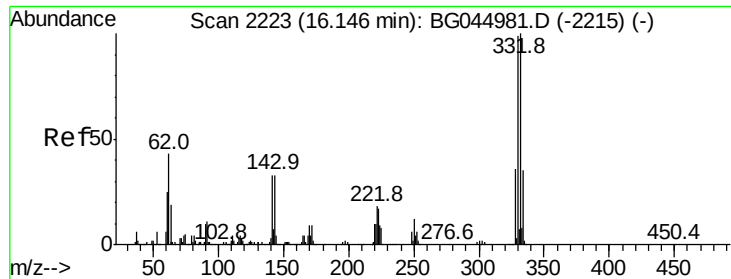
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	39.5	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG045113.D
 Acq: 21 Apr 2020 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.6	78.7	118.1
160	41.7	32.8	49.2





#42

2,4,6-Tribromophenol

Concen: 145.007 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

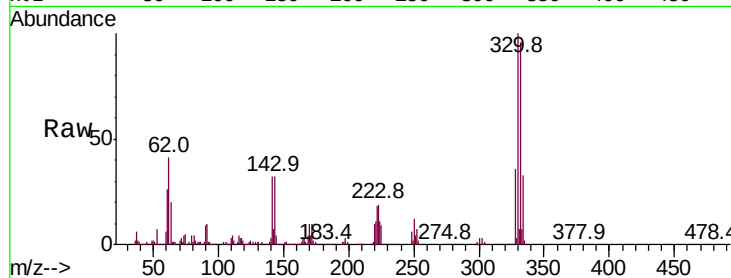
Tot Ion:330 Resp: 455591

Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

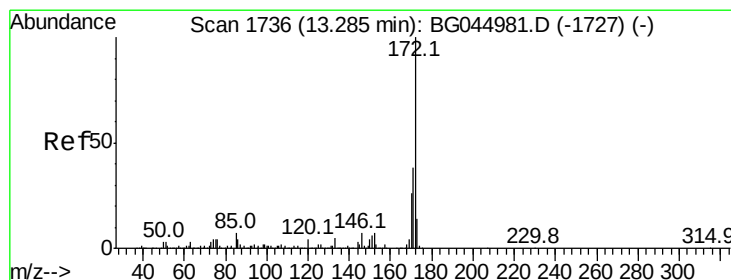
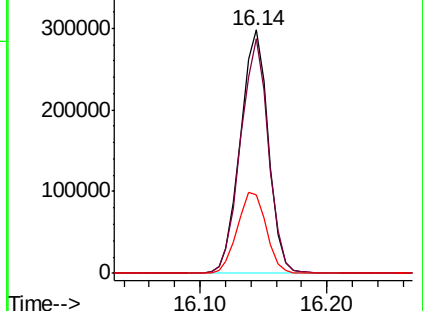
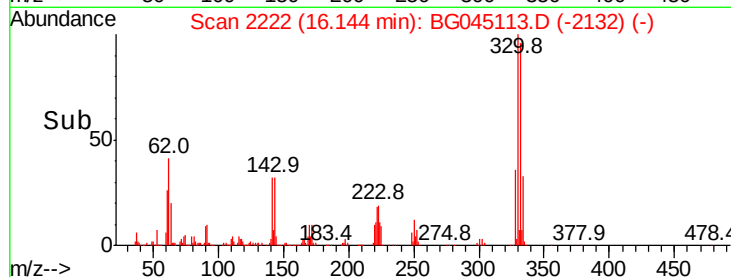
141 34.3 27.1 40.7



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: 98.352 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

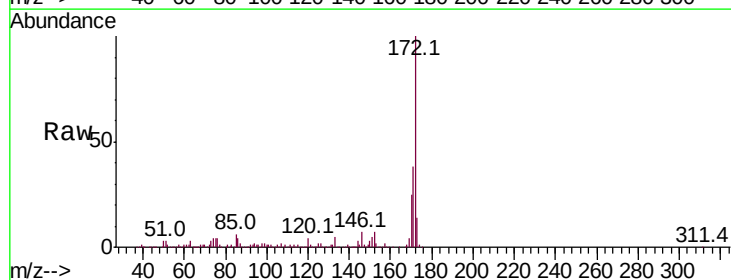
Tgt Ion:172 Resp: 1364112

Ion Ratio Lower Upper

172 100

171 37.5 30.6 46.0

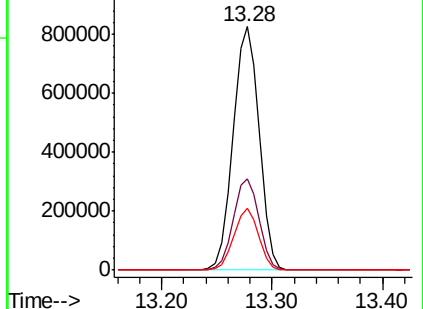
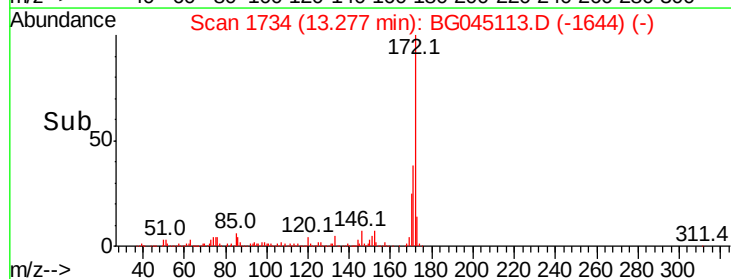
170 25.3 20.5 30.7

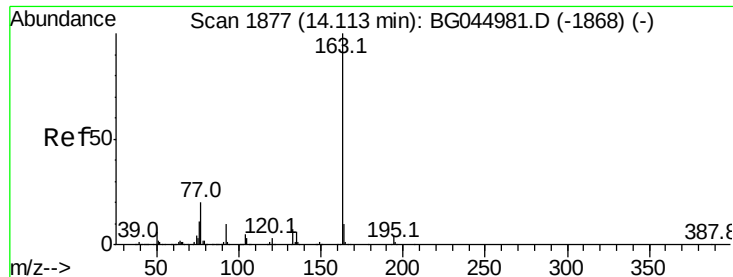


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.746 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Instrument :

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ClientSampleId :

BUS-WASH

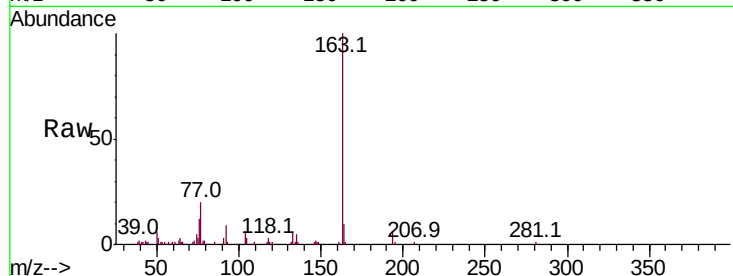
Tot Ion:163 Resp: 62027

Ion Ratio Lower Upper

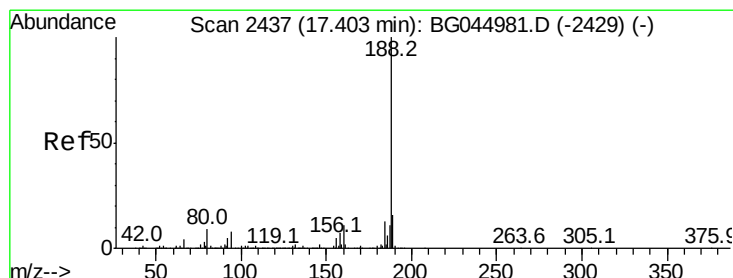
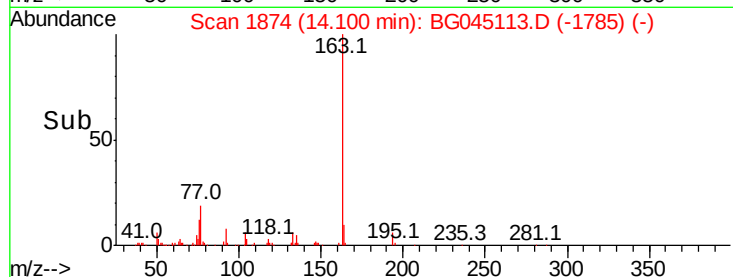
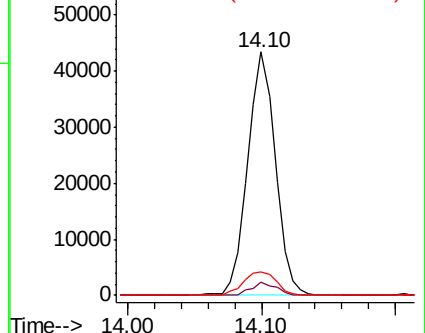
163 100

194 5.6 3.5 5.3#

164 9.8 8.2 12.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

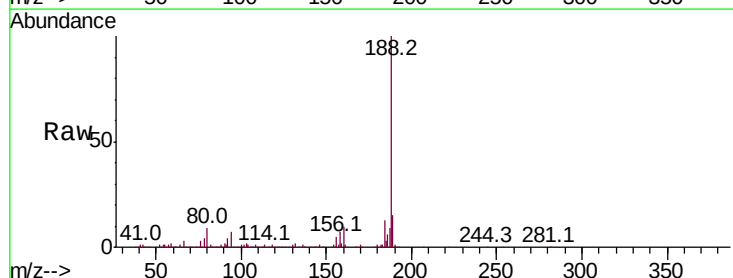
Tgt Ion:188 Resp: 499294

Ion Ratio Lower Upper

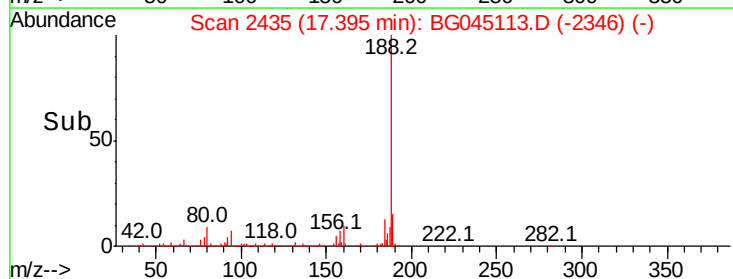
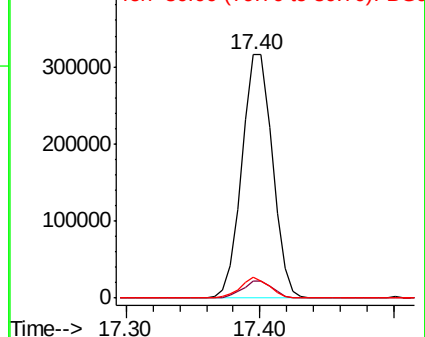
188 100

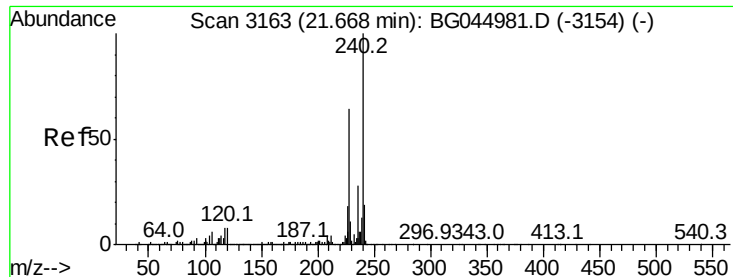
94 6.8 6.2 9.4

80 8.7 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

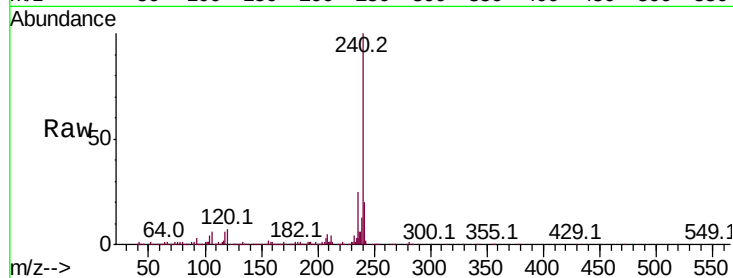
Tot Ion:240 Resp: 508334

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

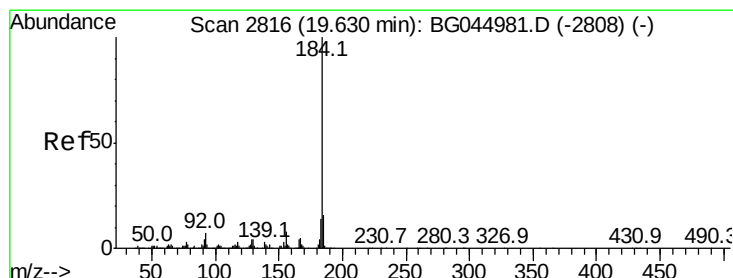
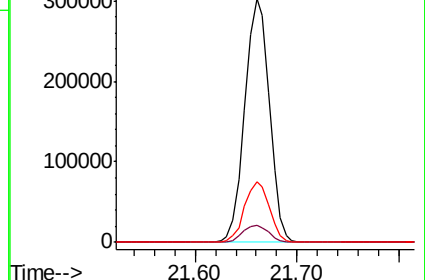
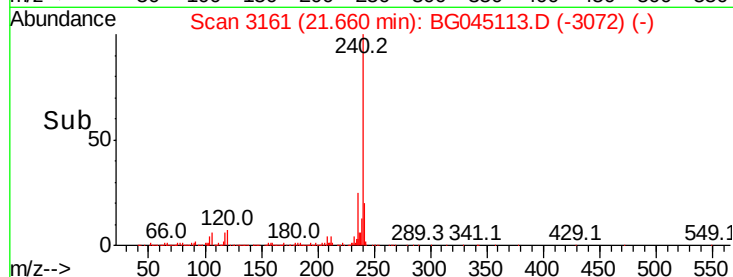
236 25.1 22.2 33.2



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: 11.533 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

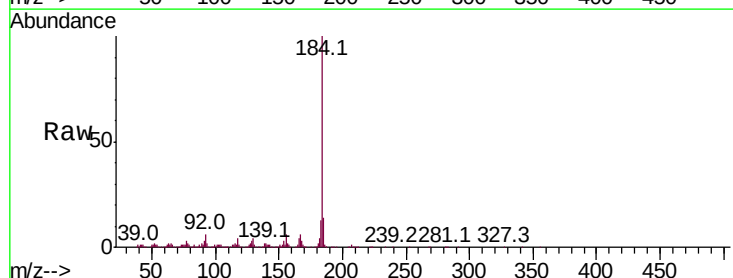
Tgt Ion:184 Resp: 235016

Ion Ratio Lower Upper

184 100

185 14.1 12.6 19.0

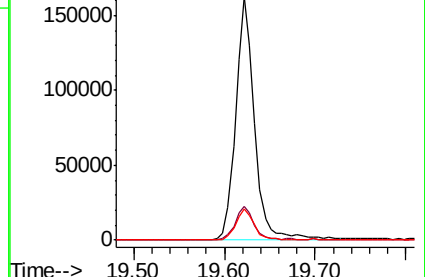
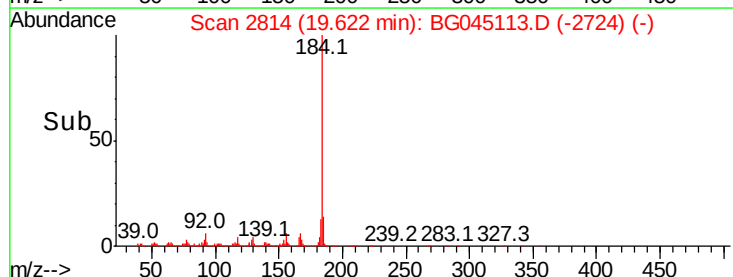
183 12.9 11.3 16.9

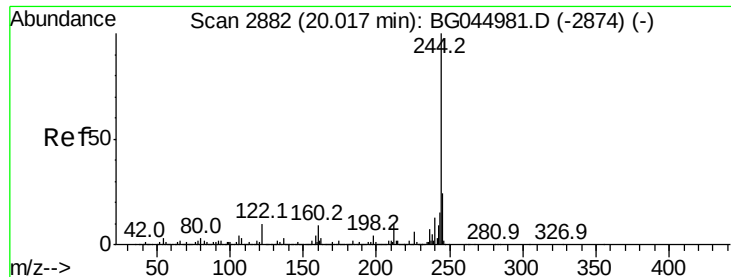


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 102.481 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

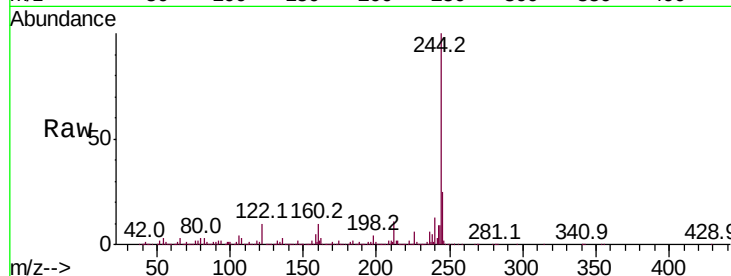
Tot Ion:244 Resp: 2390134

Ion Ratio Lower Upper

244 100

212 10.6 7.9 11.9

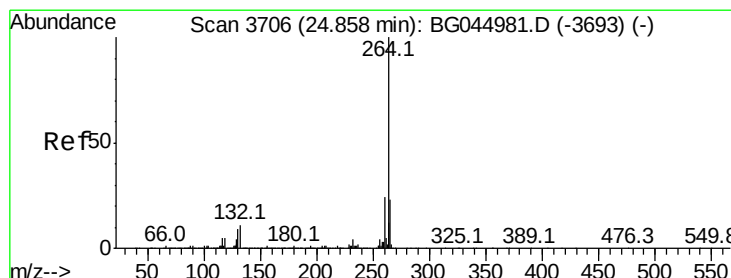
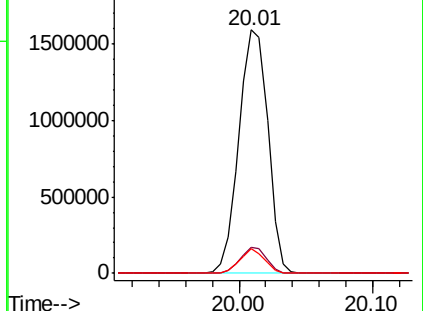
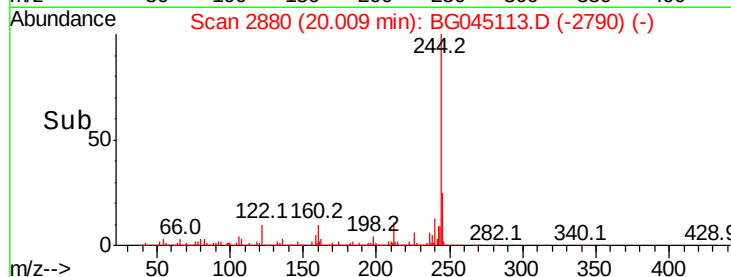
122 10.0 7.7 11.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045113.D

Acq: 21 Apr 2020 15:58

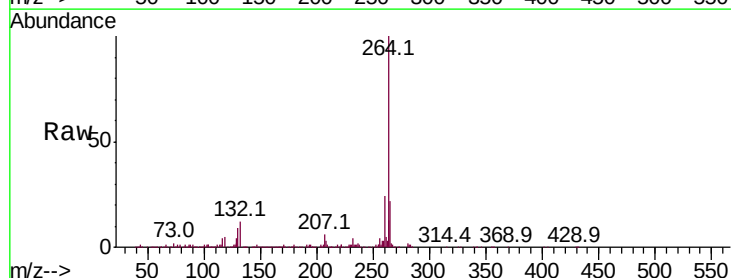
Tgt Ion:264 Resp: 553765

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

