

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045453.D
 Acq On : 21 May 2020 23:43
 Operator : CG/JU
 Sample : L2727-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: May 22 01:16:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

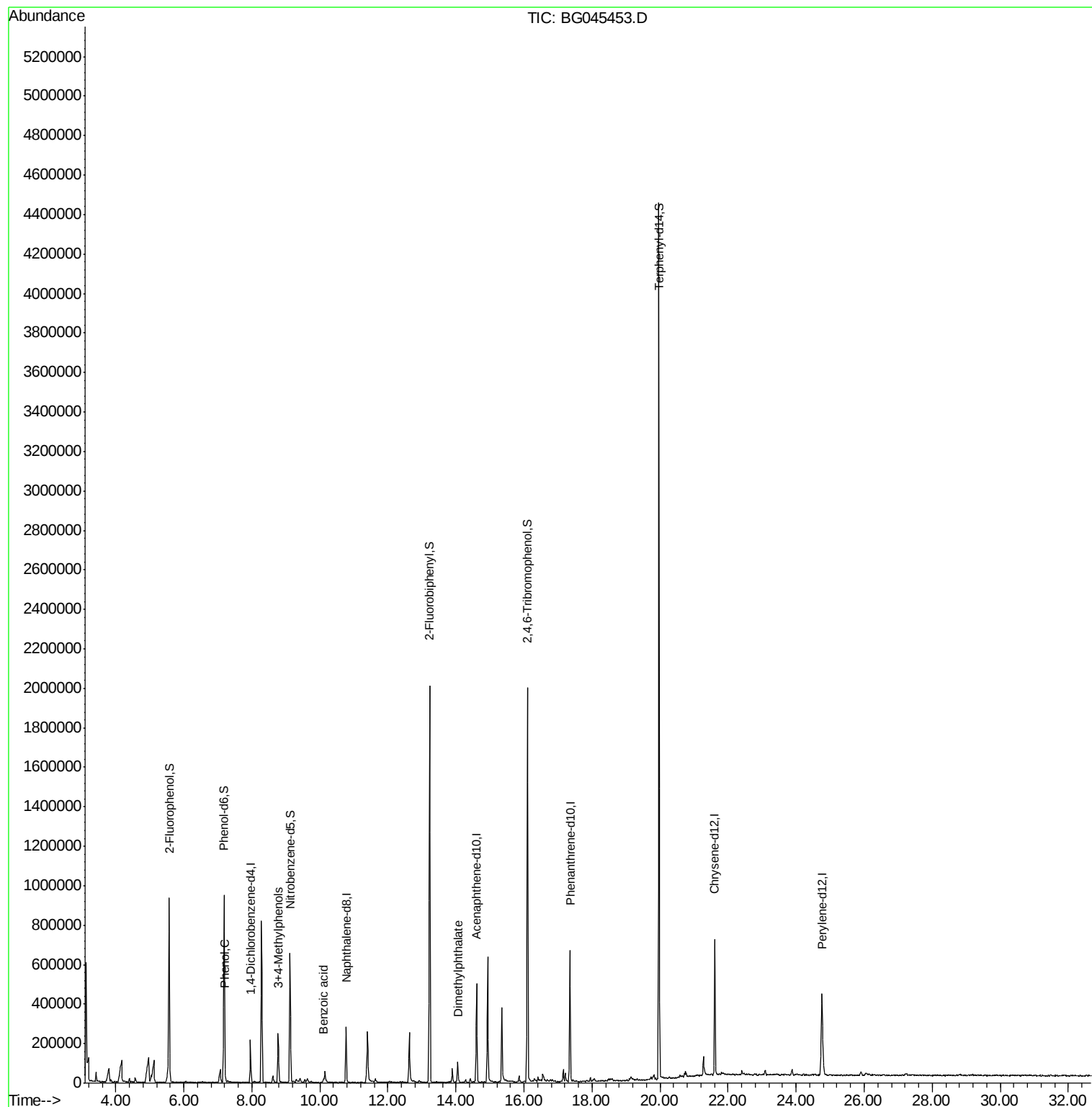
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61342	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	248915	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	178961	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	435867	20.00	ng	0.00
76) Chrysene-d12	21.61	240	445266	20.00	ng	-0.01
87) Perylene-d12	24.76	264	479097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	396049	126.18	ng	0.00
7) Phenol-d6	7.19	99	616629	138.03	ng	0.00
23) Nitrobenzene-d5	9.12	82	447443	98.02	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	409961	179.12	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1103358	104.58	ng	0.00
79) Terphenyl-d14	19.97	244	2137032	111.94	ng	0.00
Target Compounds						
10) Phenol	7.21	94	19870	4.315	ng	Qvalue # 74
20) 3+4-Methylphenols	8.77	107	119470	25.457	ng	87
32) Benzoic acid	10.11	122	10466	13.946	ng	94
50) Dimethylphthalate	14.05	163	66184	5.391	ng	98

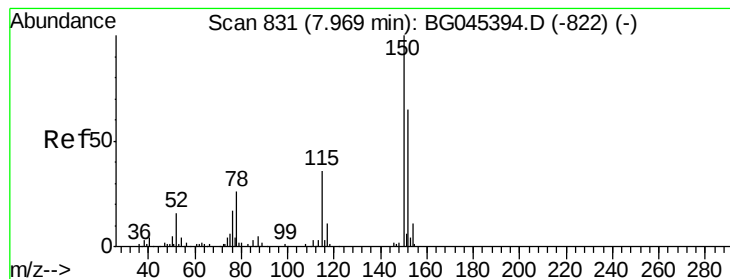
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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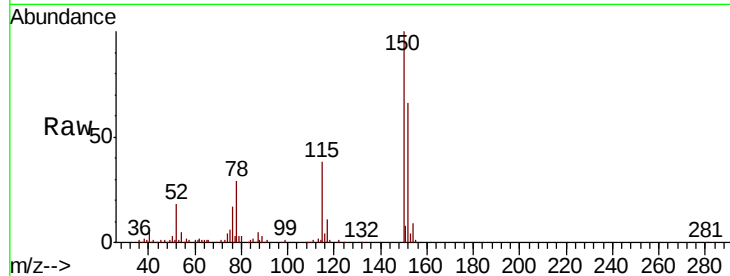


#1

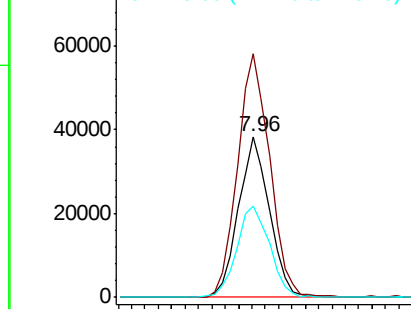
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045453.D
Acq: 21 May 2020 23:43

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

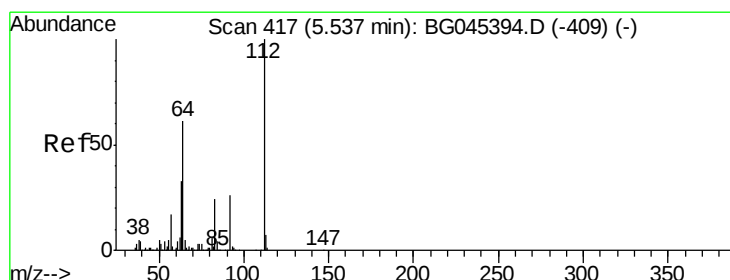
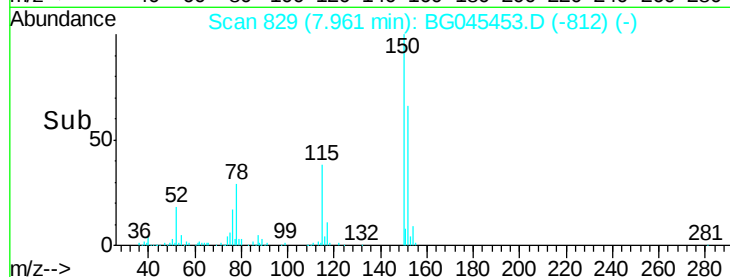
Tot Ion:152 Resp: 61342
Ion Ratio Lower Upper
152 100
150 151.7 122.4 183.6
115 57.1 44.2 66.4



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



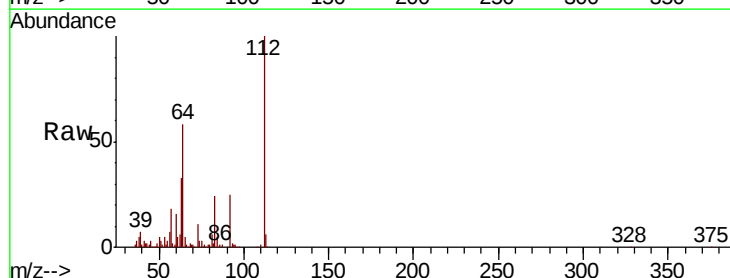
Time-->



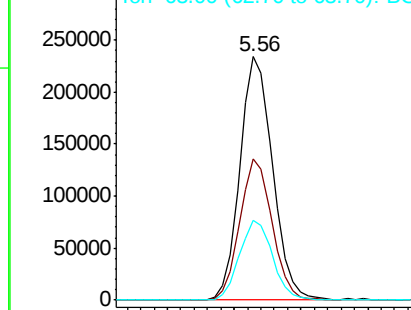
#5

2-Fluorophenol
Concen: 126.177 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045453.D
Acq: 21 May 2020 23:43

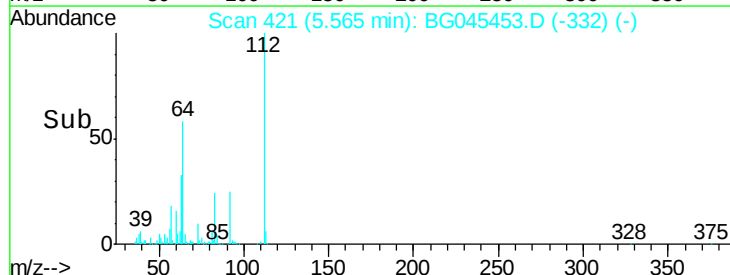
Tgt Ion:112 Resp: 396049
Ion Ratio Lower Upper
112 100
64 57.8 48.6 72.8
63 32.8 26.5 39.7

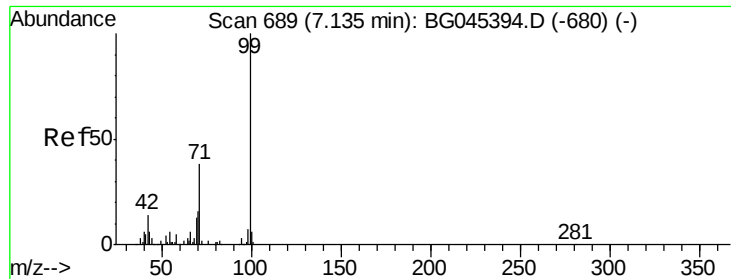


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 138.026 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

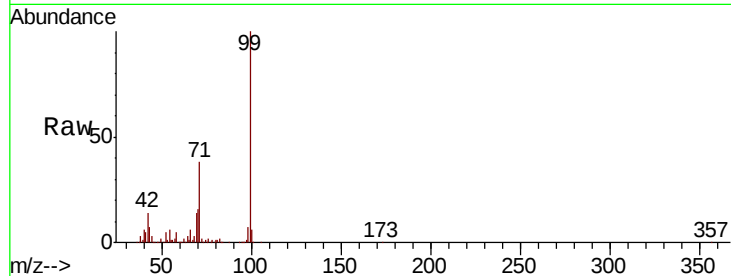
Tot Ion: 99 Resp: 616629

Ion Ratio Lower Upper

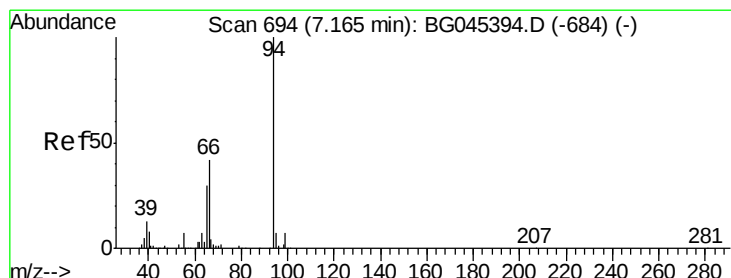
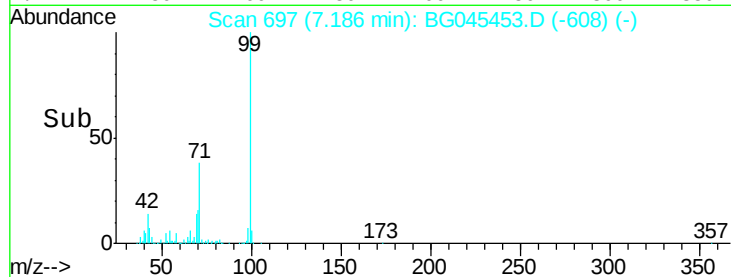
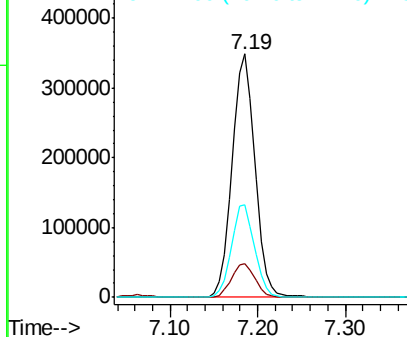
99 100

42 13.9 11.3 16.9

71 38.2 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



#10

Phenol

Concen: 4.315 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

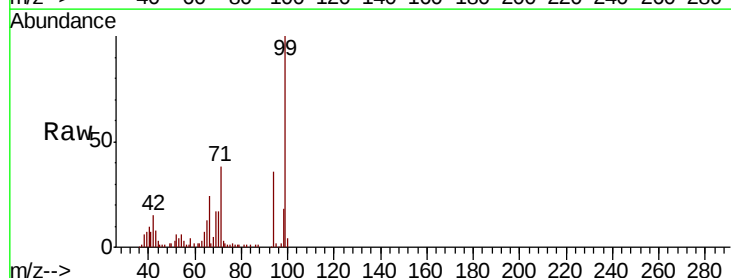
Tgt Ion: 94 Resp: 19870

Ion Ratio Lower Upper

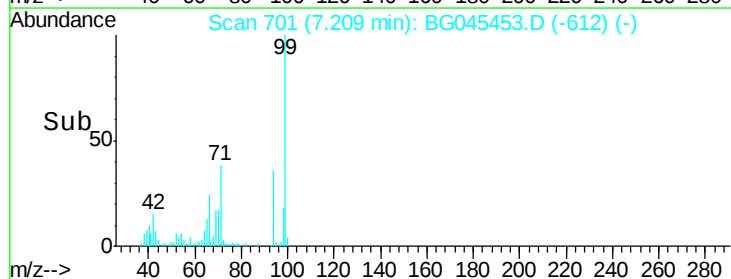
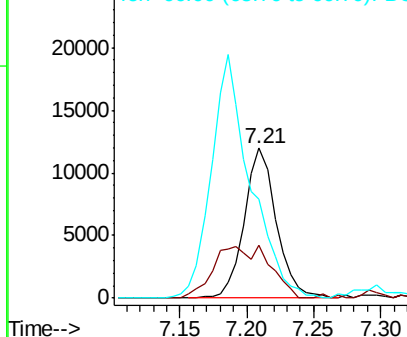
94 100

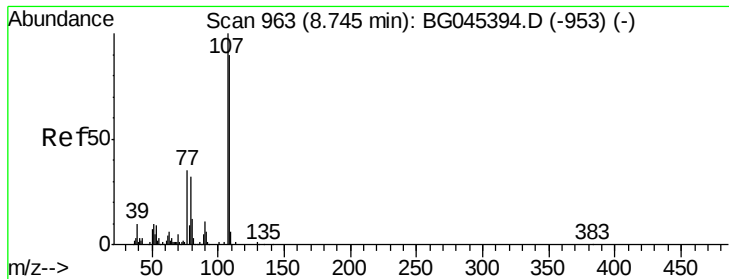
65 35.4 9.8 49.8

66 65.8 22.0 62.0#



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





#20

3+4-Methylphenols

Concen: 25.457 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

Tot Ion:107 Resp: 119470

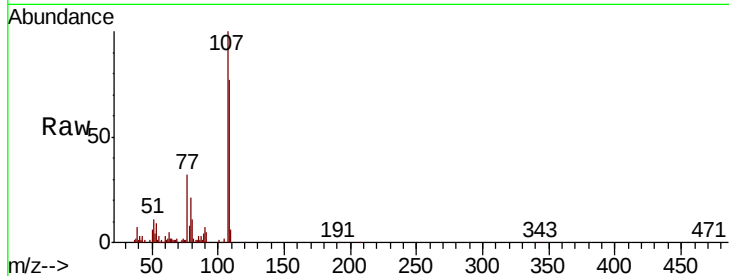
Ion Ratio Lower Upper

107 100

108 77.1 70.3 110.3

77 31.9 15.4 55.4

79 21.4 12.6 52.6

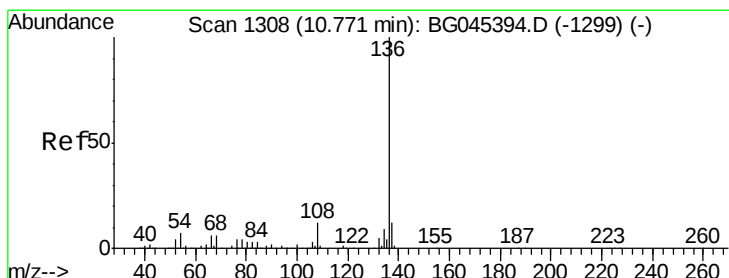
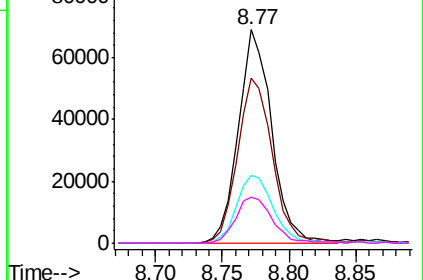
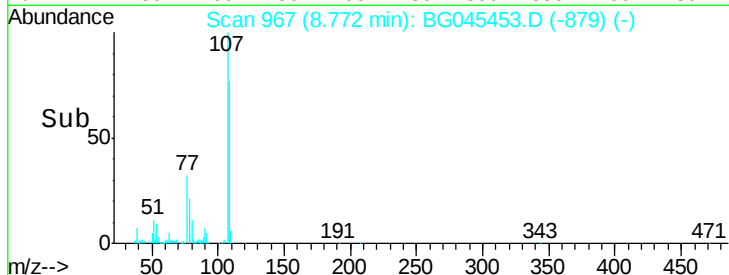


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

Tgt Ion:136 Resp: 248915

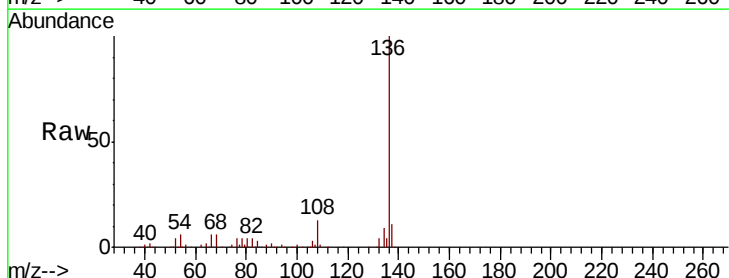
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 6.0 5.8 8.6

68 6.2 4.5 6.7

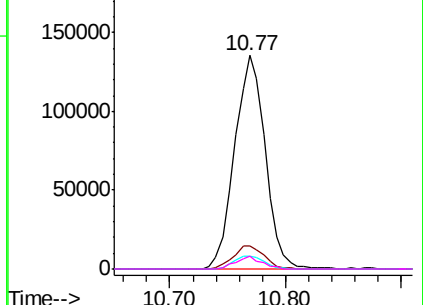
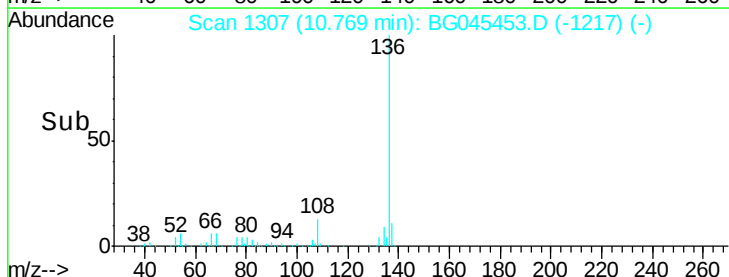


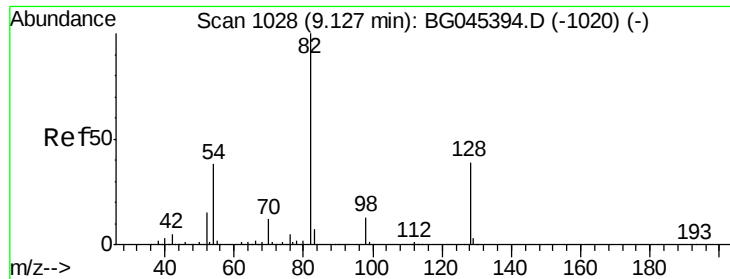
Abundance Ion 136.00 (135.70 to 136.70): E

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

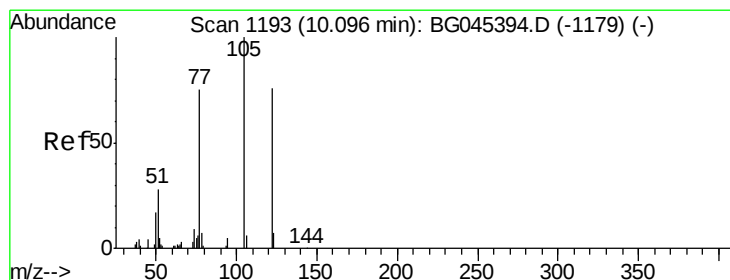
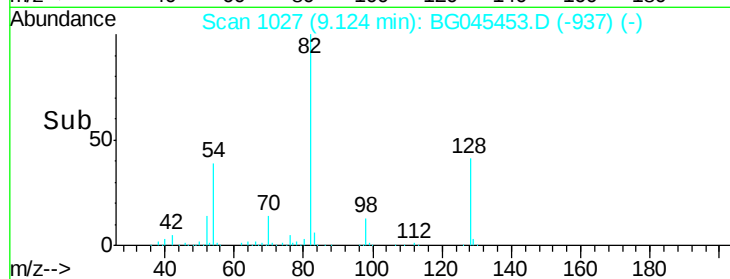
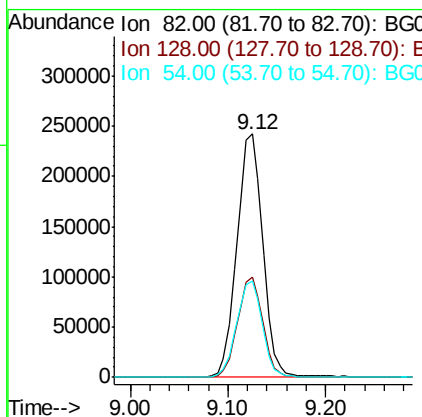
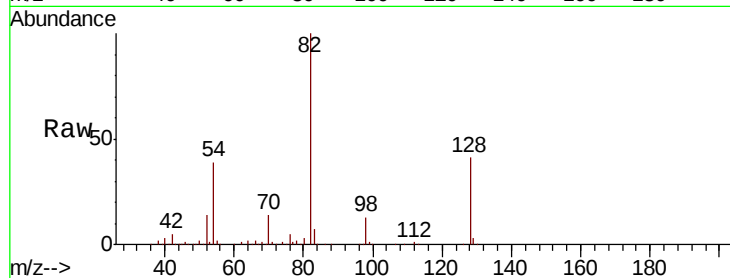




#23
 Nitrobenzene-d5
 Concen: 98.024 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045453.D
 Acq: 21 May 2020 23:43

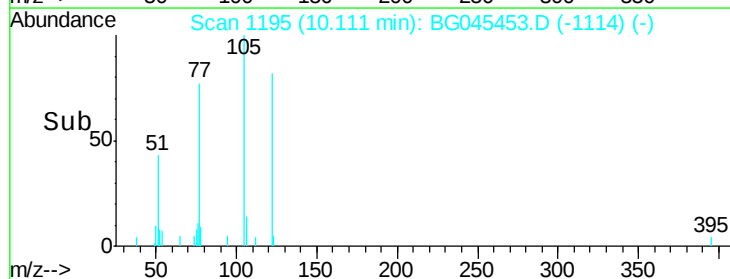
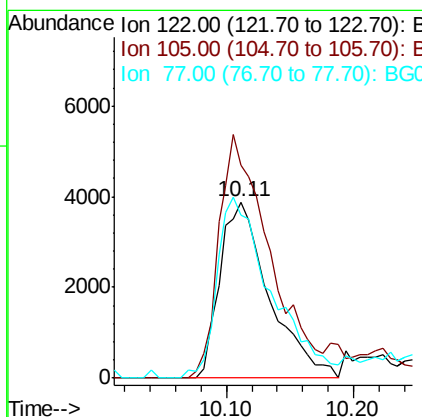
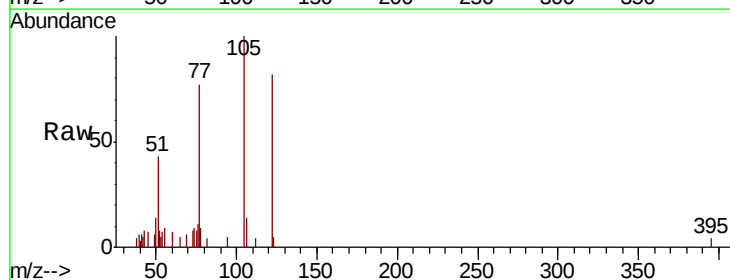
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

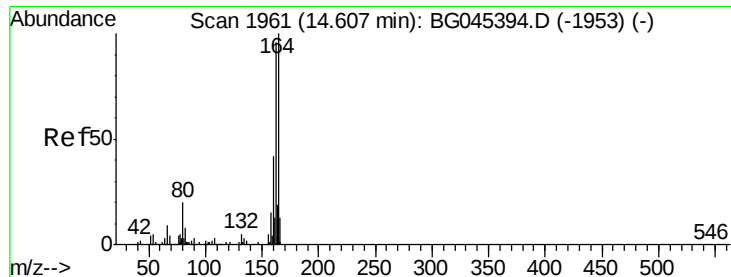
Tot Ion	82	Resp	447443
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.9	46.3
54	39.5	30.3	45.5



#32
 Benzoic acid
 Concen: 13.946 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.05 min
 Lab File: BG045453.D
 Acq: 21 May 2020 23:43

Tgt Ion	122	Resp	10466
Ion Ratio	Lower	Upper	
122	100		
105	121.3	107.9	147.9
77	93.0	78.9	118.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

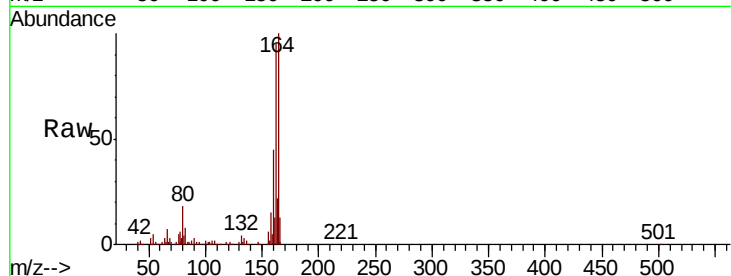
Tot Ion:164 Resp: 178961

Ion Ratio Lower Upper

164 100

162 94.6 76.9 115.3

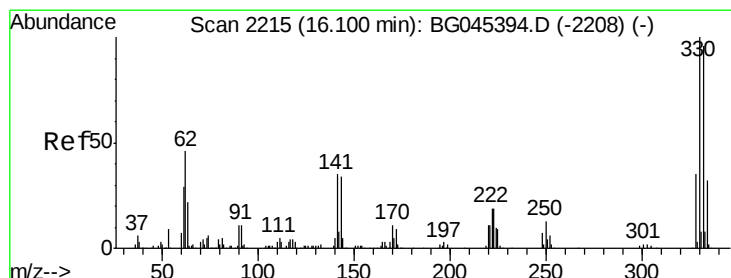
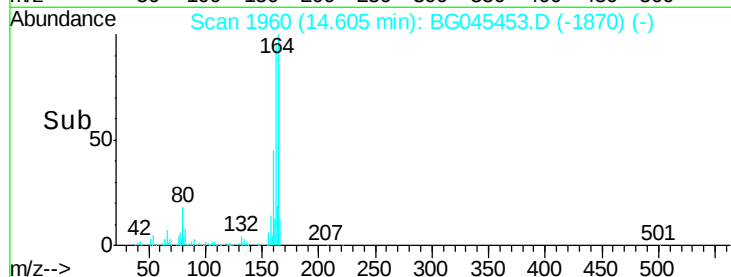
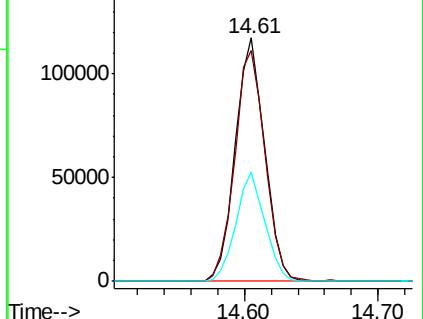
160 44.8 33.8 50.8



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: 179.123 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

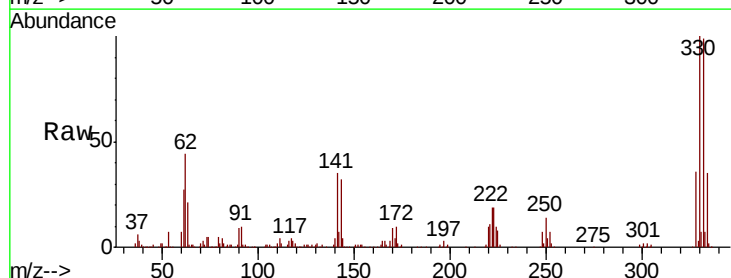
Tgt Ion:330 Resp: 409961

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

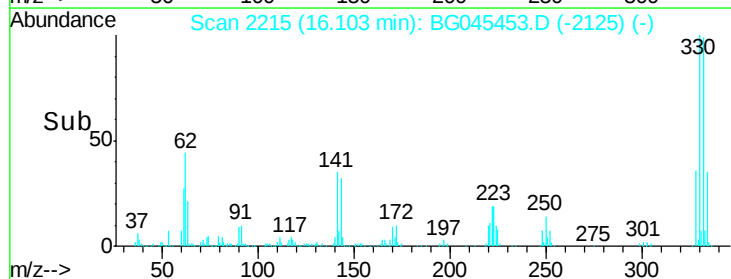
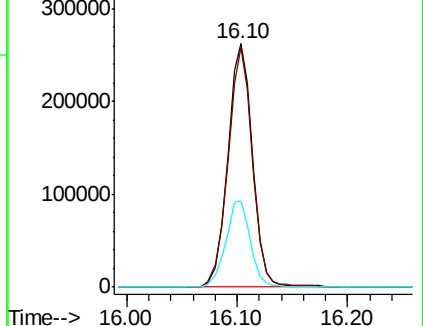
141 35.6 28.2 42.4

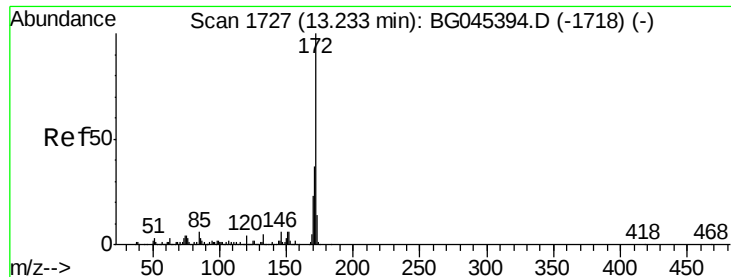


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

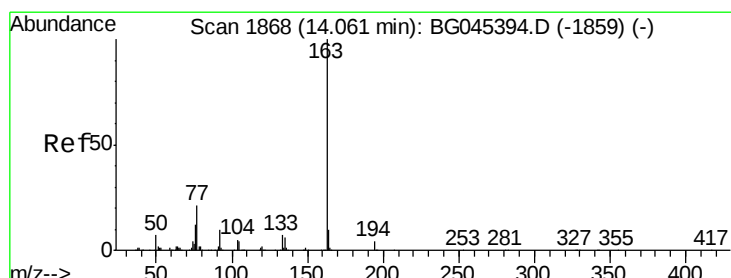
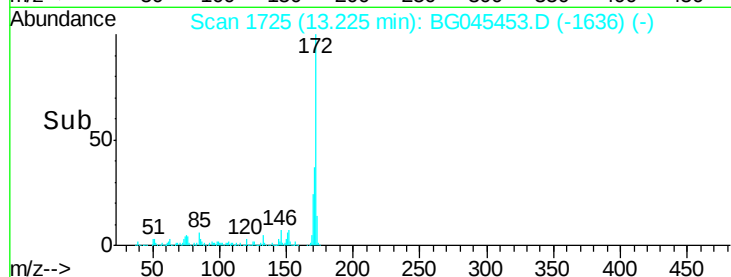
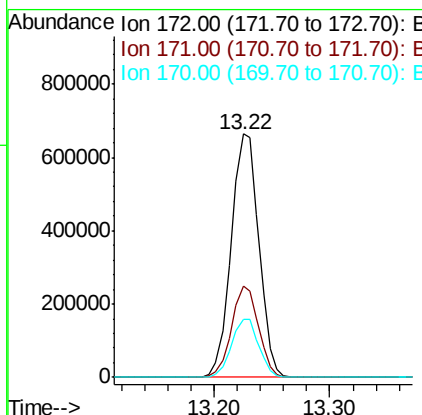
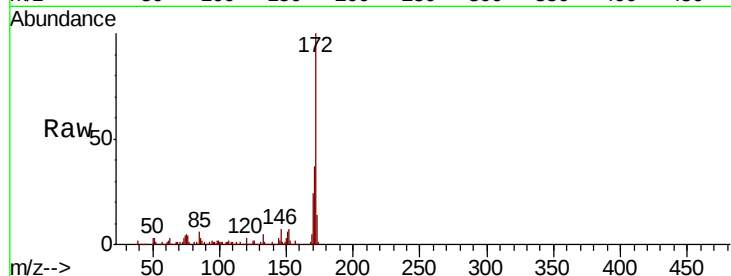




#45
2-Fluorobiphenyl
Concen: 104.577 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045453.D
Acq: 21 May 2020 23:43

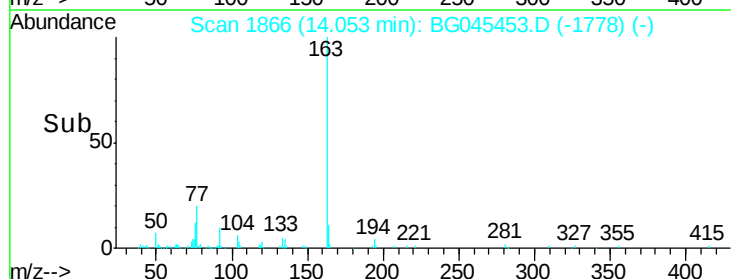
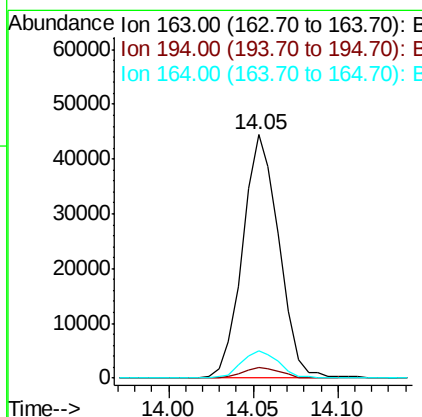
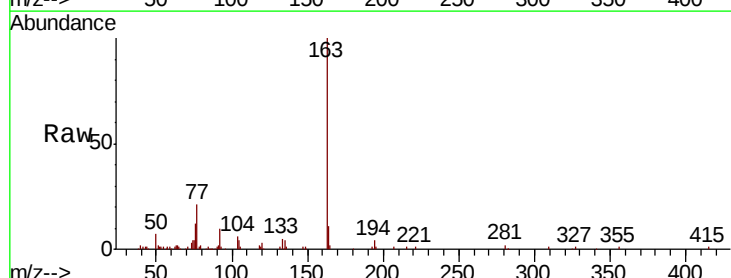
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

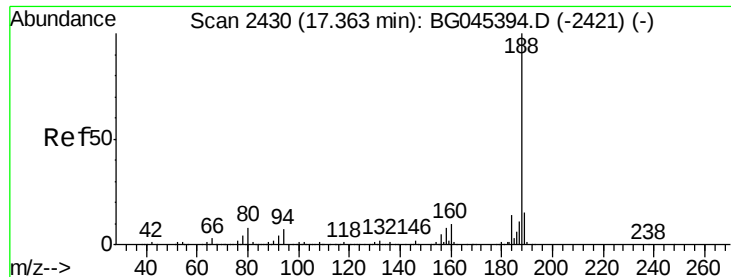
Tot Ion:172 Resp: 1103358
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 23.8 18.5 27.7



#50
Dimethylphthalate
Concen: 5.391 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045453.D
Acq: 21 May 2020 23:43

Tgt Ion:163 Resp: 66184
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 11.1 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

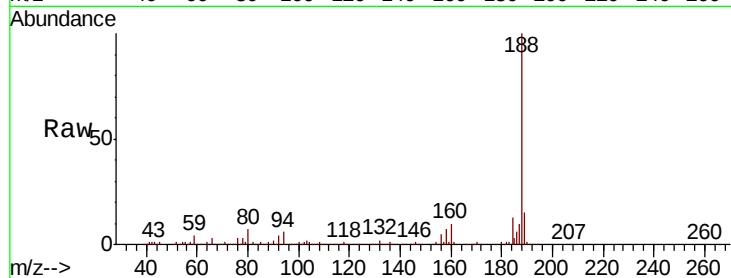
Tot Ion:188 Resp: 435867

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

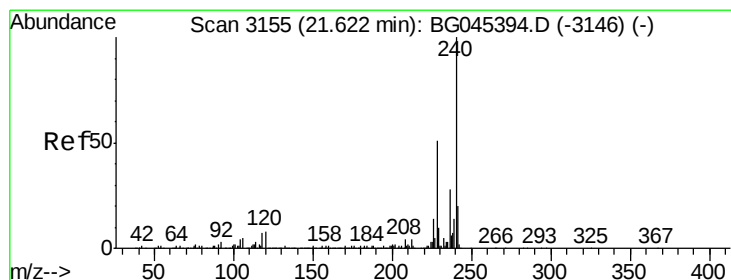
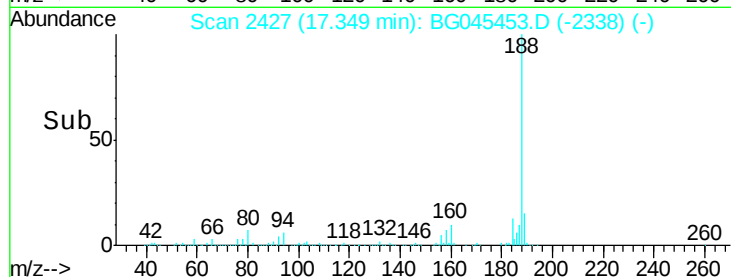
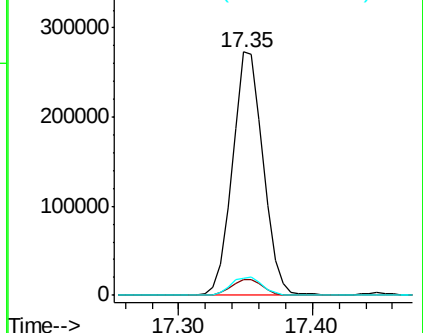
80 7.3 6.6 10.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

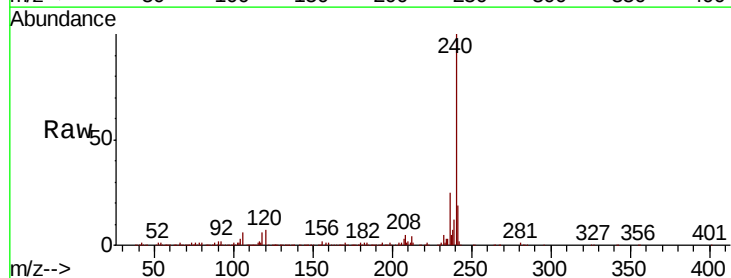
Tgt Ion:240 Resp: 445266

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

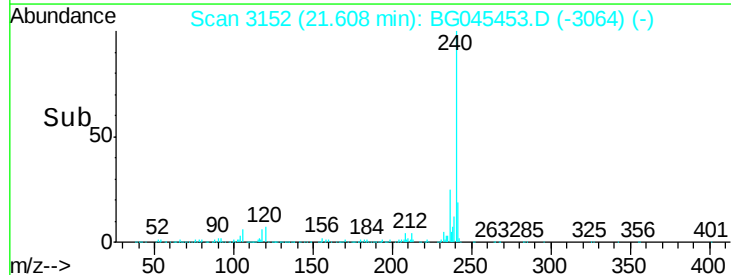
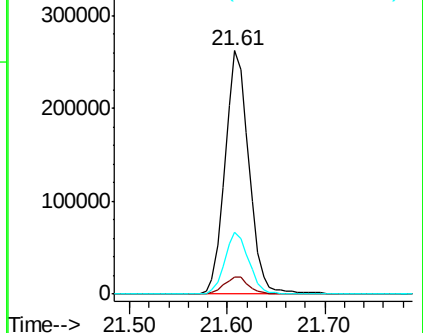
236 25.5 22.3 33.5

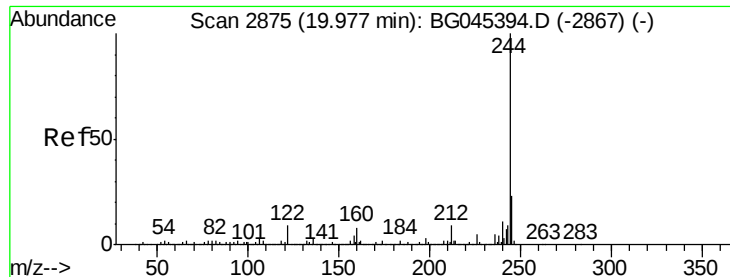


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 111.938 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

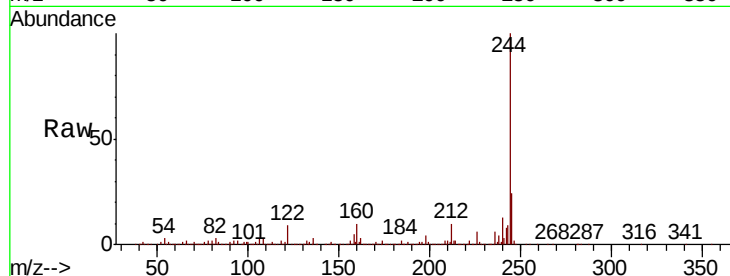
Tot Ion:244 Resp: 2137032

Ion Ratio Lower Upper

244 100

212 9.9 7.4 11.0

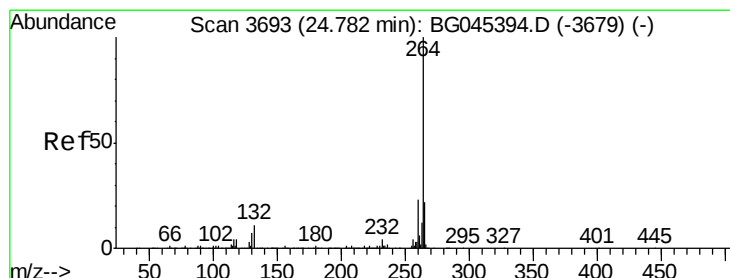
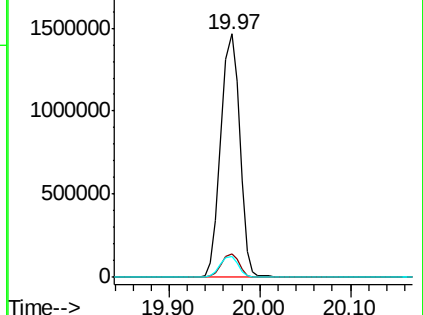
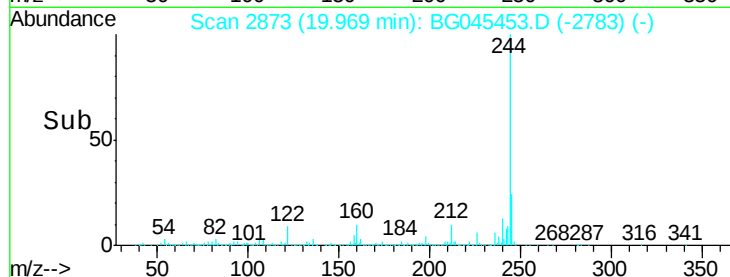
122 8.8 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045453.D

Acq: 21 May 2020 23:43

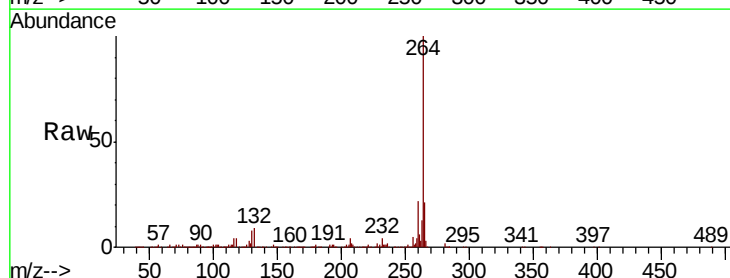
Tgt Ion:264 Resp: 479097

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 21.3 17.6 26.4



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

