

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032555.D
 Acq On : 6 Feb 2018 4:25
 Operator : SJ/JU
 Sample : J1442-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-RECLAIM-SYSTEM

Quant Time: Feb 06 07:02:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

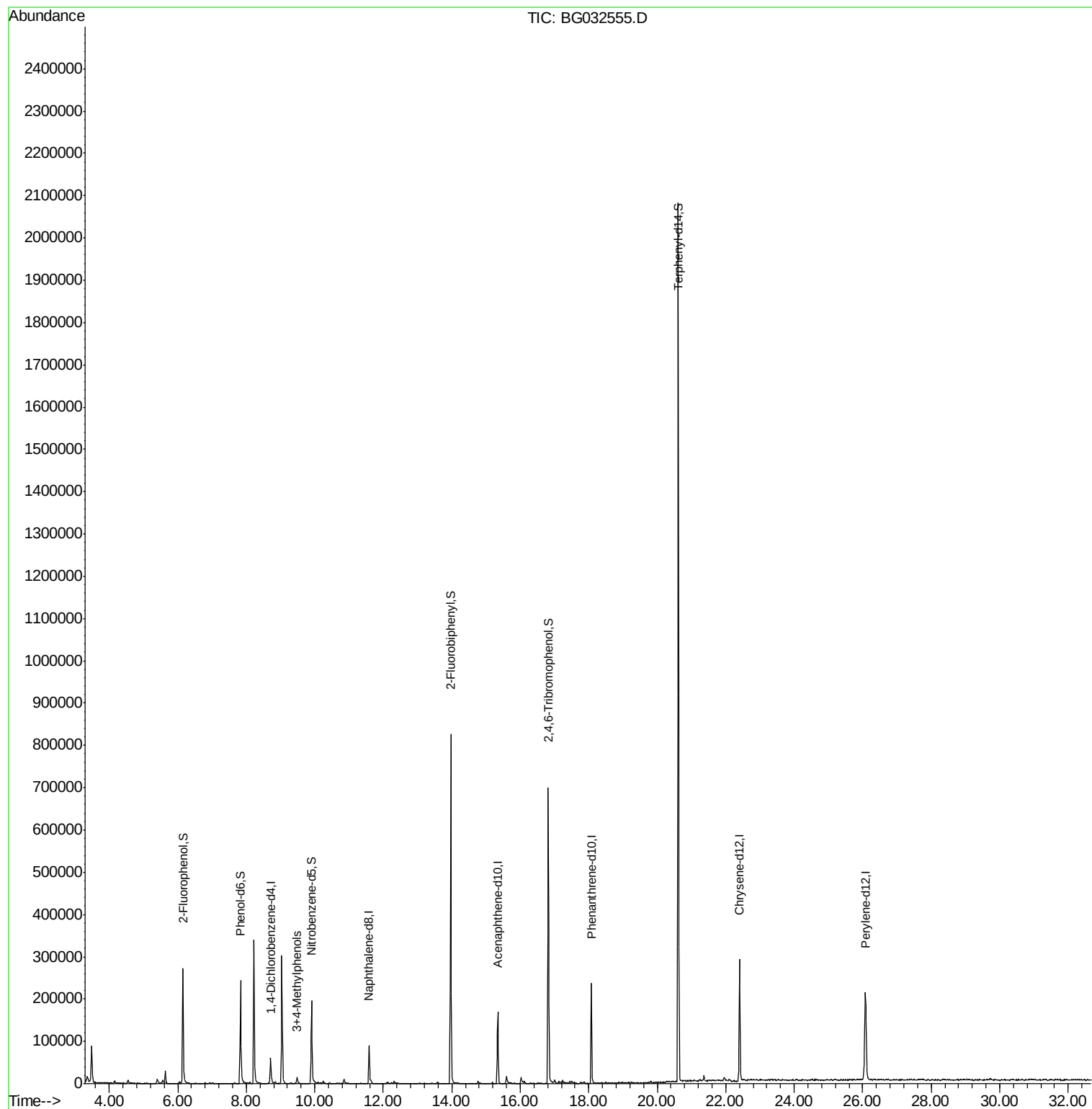
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22739	20.00	ng	-0.01
21) Naphthalene-d8	11.58	136	99427	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	65826	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	184168	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	223873	20.00	ng	-0.02
86) Perylene-d12	26.07	264	295560	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	149588	132.13	ng	0.00
7) Phenol-d6	7.83	99	165035	109.24	ng	0.00
23) Nitrobenzene-d5	9.90	82	136420	85.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	180046	143.69	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	499908	90.26	ng	-0.02
78) Terphenyl-d14	20.61	244	1123283	107.48	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	9.47	107	10574	6.470	ng	Qvalue 85

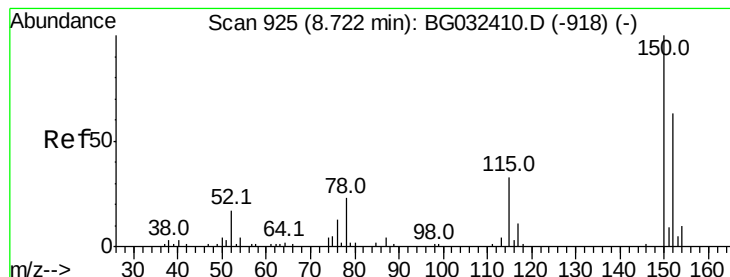
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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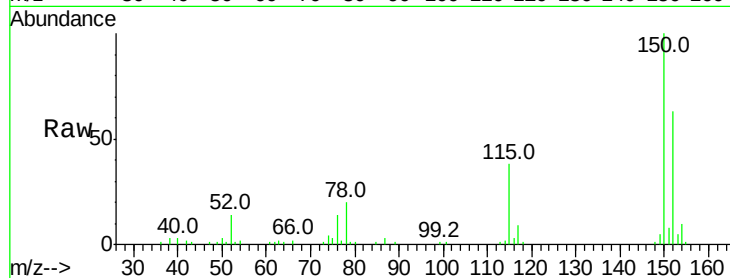


#1

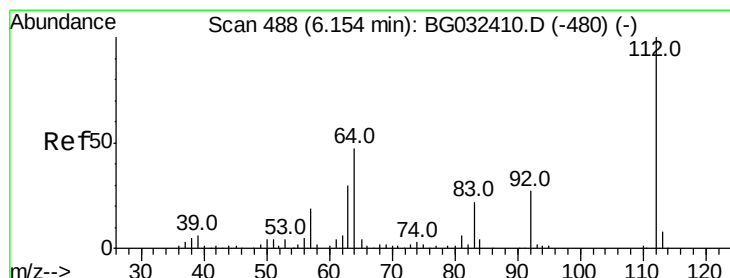
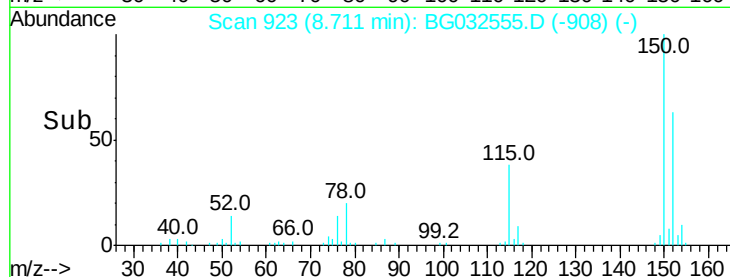
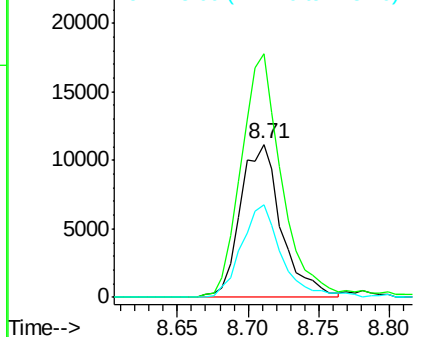
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032555.D
Acq: 6 Feb 2018 4:25

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-RECLAIM-SYSTEM

Tot Ion:152 Resp: 22739
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 60.5 53.0 79.4



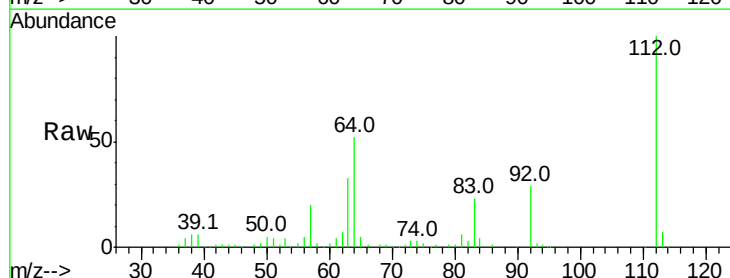
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



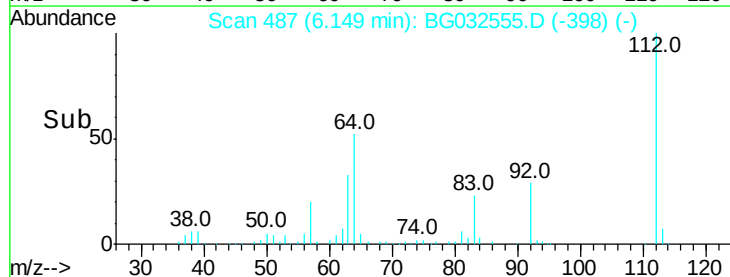
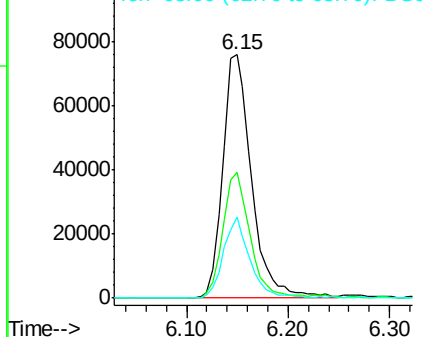
#5

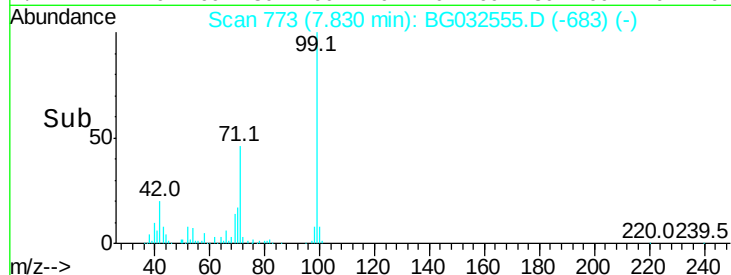
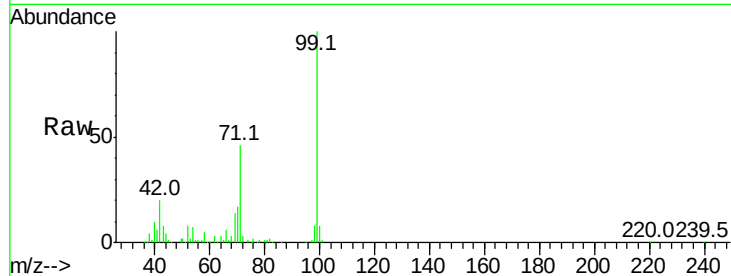
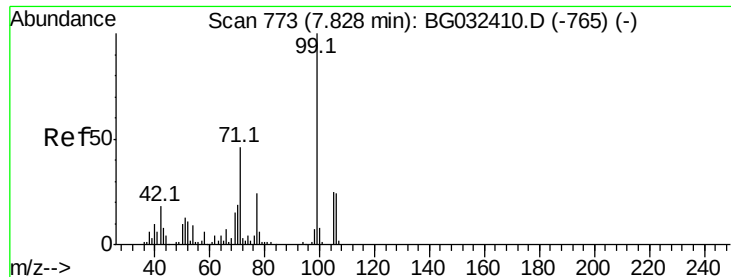
2-Fluorophenol
Concen: 132.132 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032555.D
Acq: 6 Feb 2018 4:25

Tgt Ion:112 Resp: 149588
Ion Ratio Lower Upper
112 100
64 51.7 56.3 84.5#
63 33.4 30.1 45.1



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





#7

Phenol-d6

Concen: 109.244 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032555.D

Acq: 6 Feb 2018 4:25

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-RECLAIM-SYSTEM

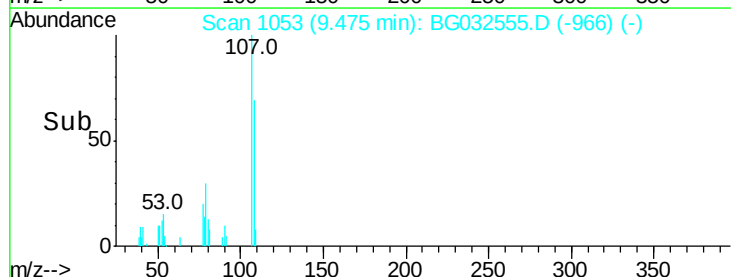
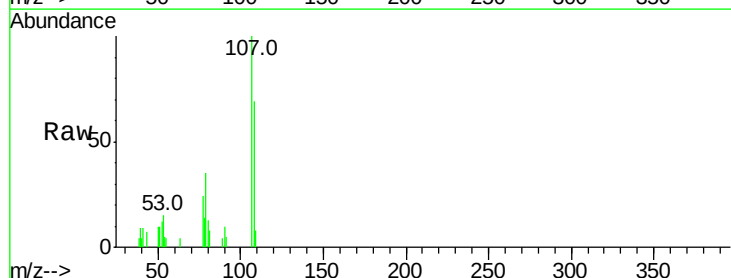
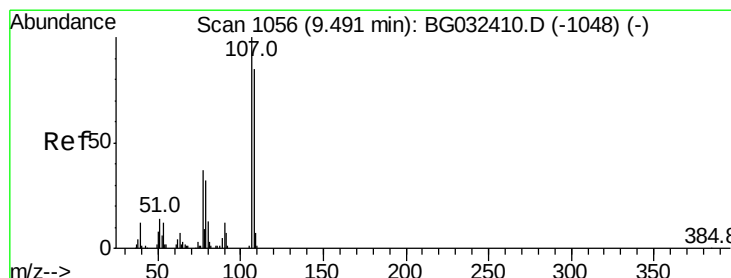
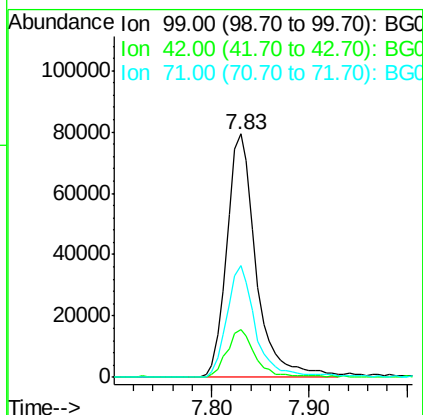
Tot Ion: 99 Resp: 165035

Ion Ratio Lower Upper

99 100

42 19.7 14.1 21.1

71 45.9 26.1 39.1#



#20

3+4-Methylphenols

Concen: 6.470 ng

RT: 9.47 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BG032555.D

Acq: 6 Feb 2018 4:25

Tgt Ion: 107 Resp: 10574

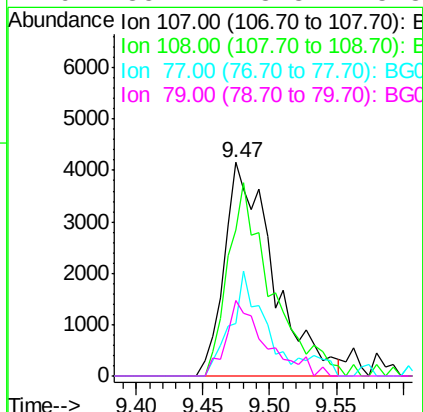
Ion Ratio Lower Upper

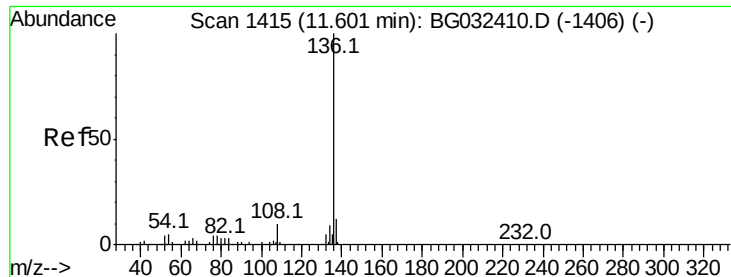
107 100

108 68.6 61.6 101.6

77 24.3 13.9 53.9

79 35.4 8.8 48.8

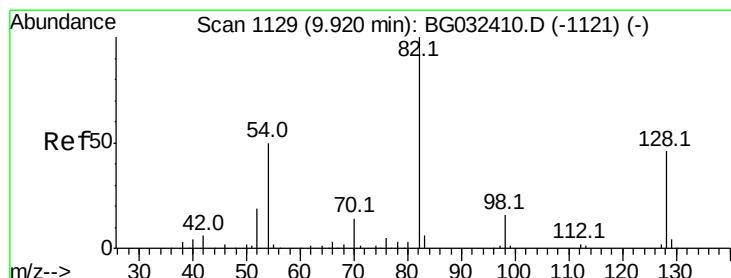
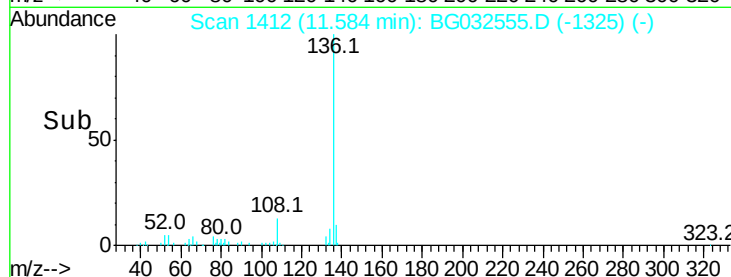
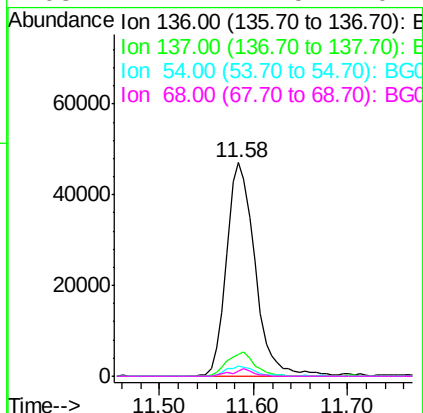
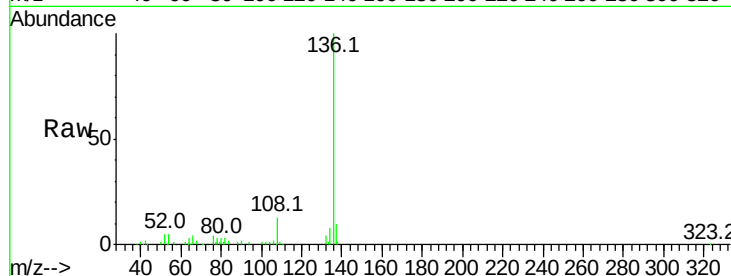




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032555.D
Acq: 6 Feb 2018 4:25

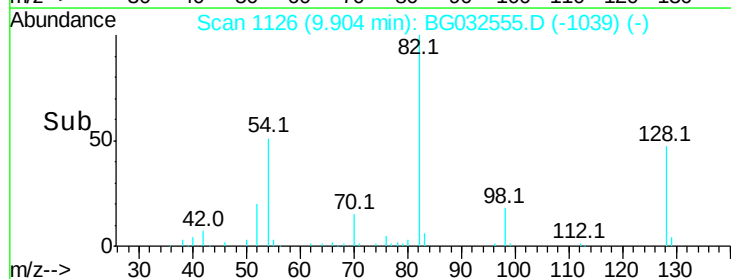
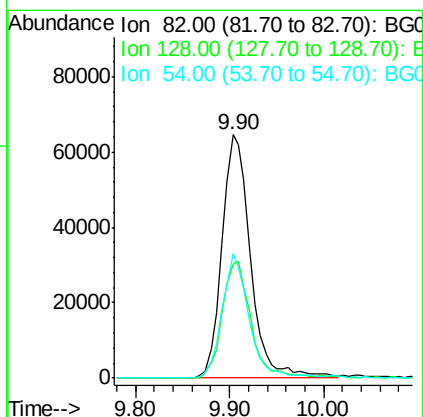
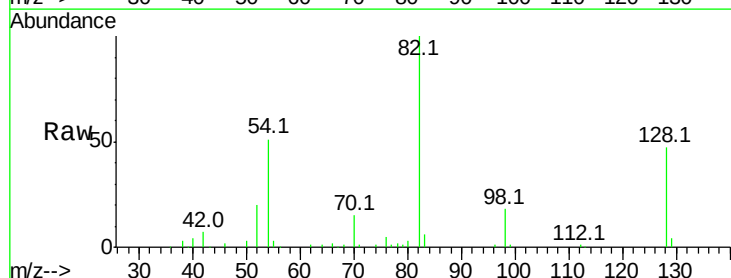
Instrument :
BNA_G
ClientSampleId :
BUS-WASH-RECLAIM-SYSTEM

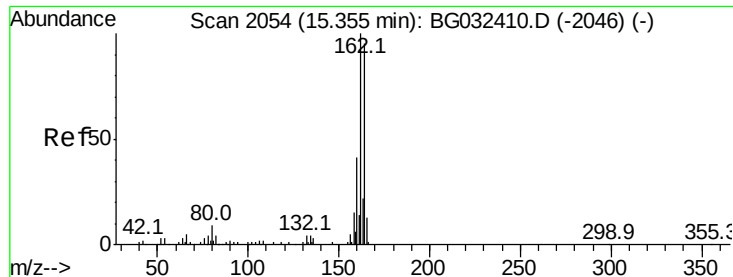
Tot Ion:136	Resp:	99427
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	4.8	10.3 15.5#
68	2.4	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 85.700 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032555.D
Acq: 6 Feb 2018 4:25

Tgt Ion: 82	Resp:	136420
Ion Ratio	Lower	Upper
82	100	
128	47.0	29.7 44.5#
54	51.2	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032555.D

Acq: 6 Feb 2018 4:25

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-RECLAIM-SYSTEM

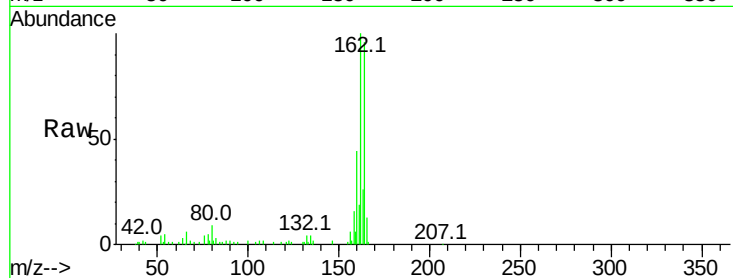
Tot Ion:164 Resp: 65826

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

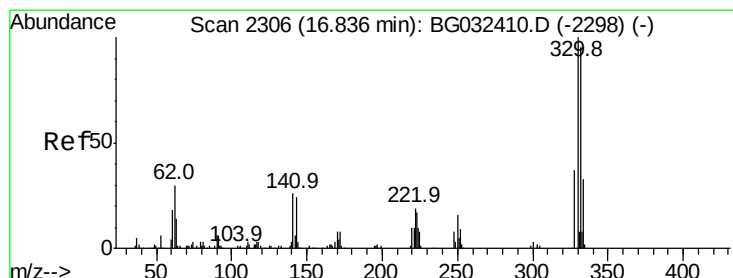
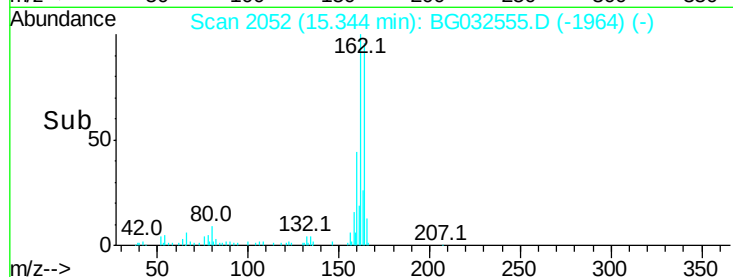
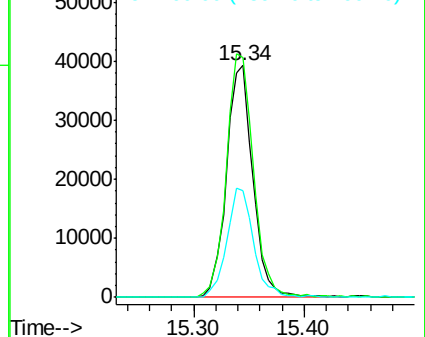
160 45.8 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 143.692 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032555.D

Acq: 6 Feb 2018 4:25

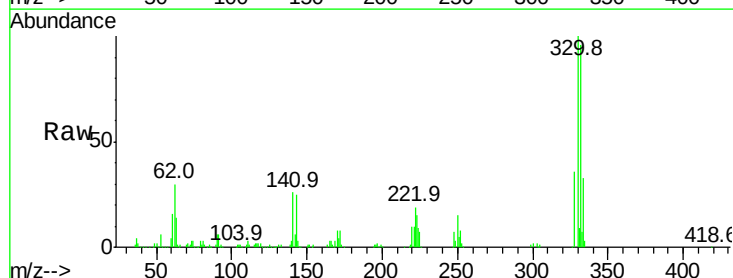
Tgt Ion:330 Resp: 180046

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

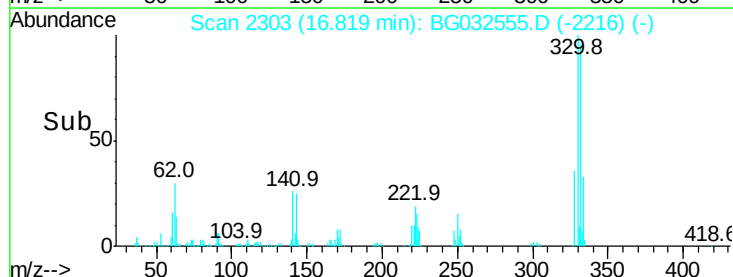
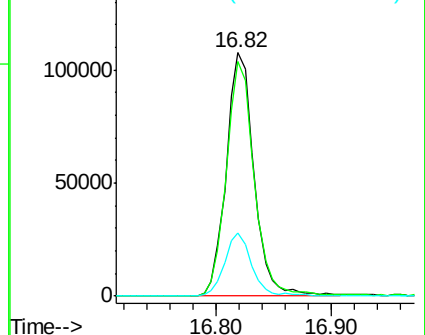
141 25.5 25.2 37.8

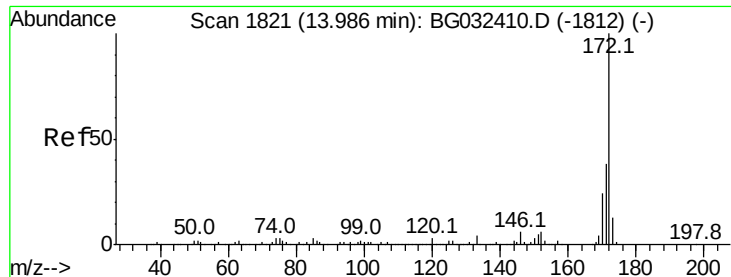


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

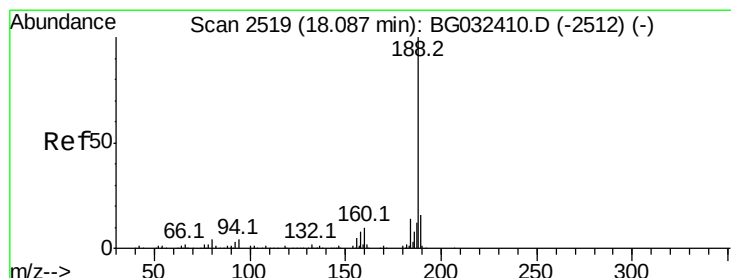
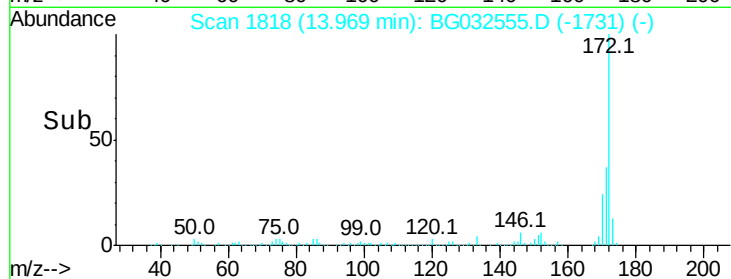
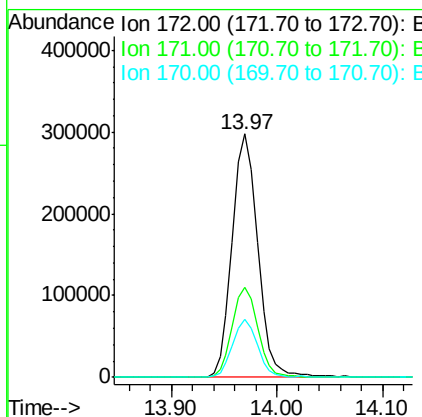
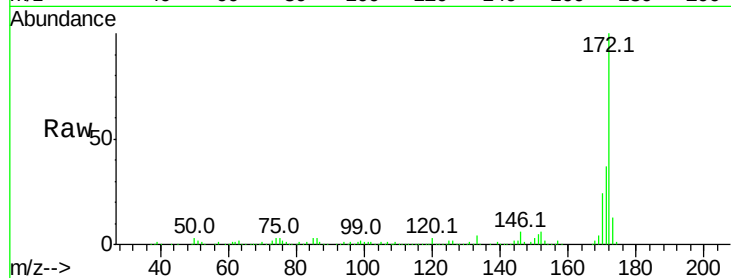




#44
 2-Fluorobiphenyl
 Concen: 90.264 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032555.D
 Acq: 6 Feb 2018 4:25

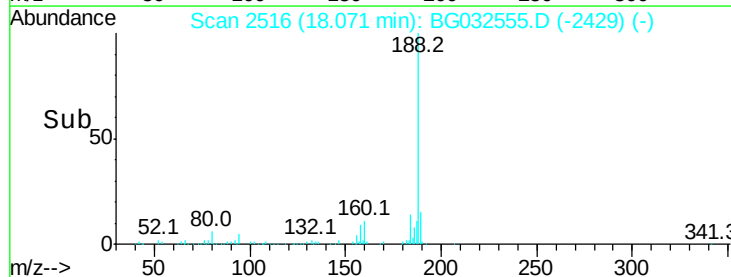
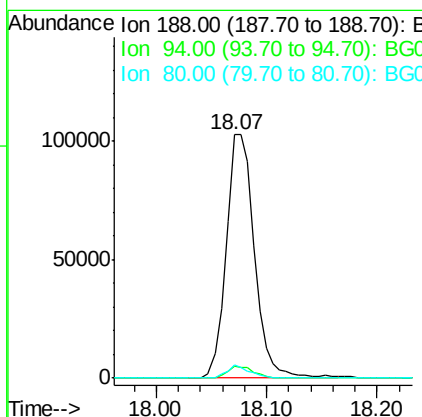
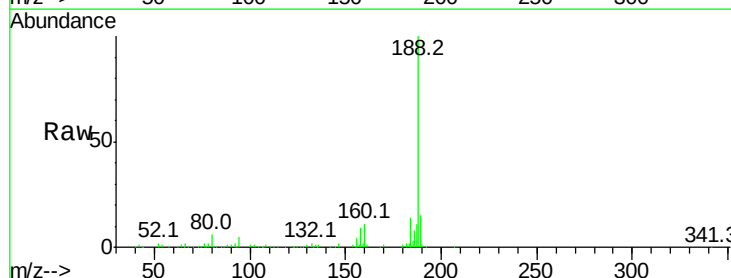
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-RECLAIM-SYSTEM

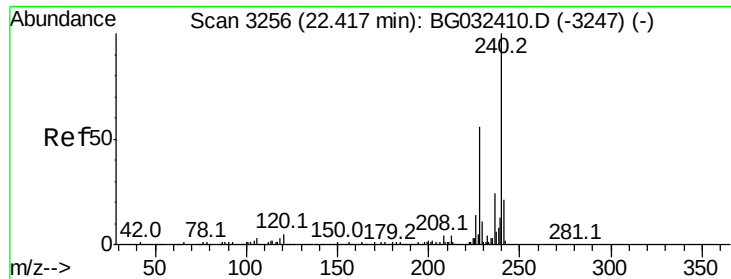
Tot Ion:172 Resp: 499908
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG032555.D
 Acq: 6 Feb 2018 4:25

Tgt Ion:188 Resp: 184168
 Ion Ratio Lower Upper
 188 100
 94 4.8 6.9 10.3#
 80 5.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032555.D

Acq: 6 Feb 2018 4:25

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-RECLAIM-SYSTEM

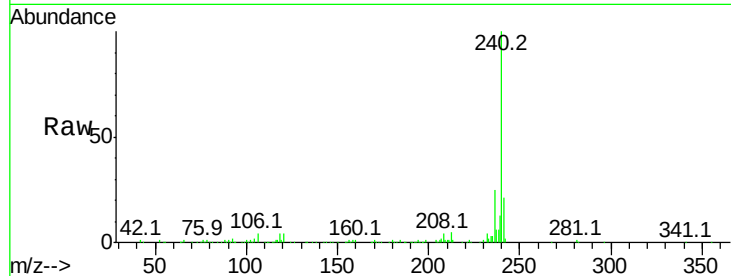
Tot Ion:240 Resp: 223873

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

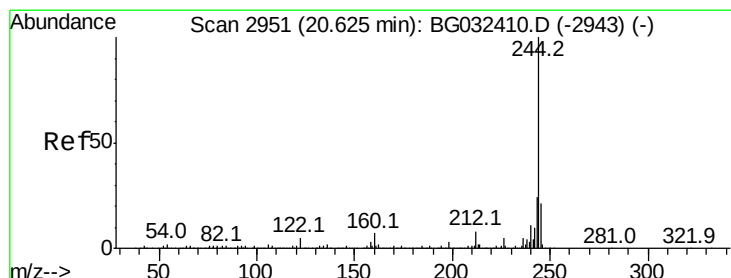
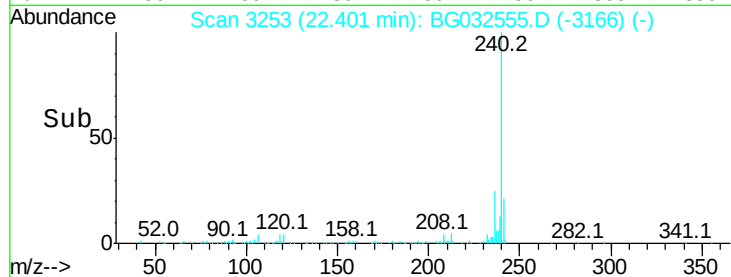
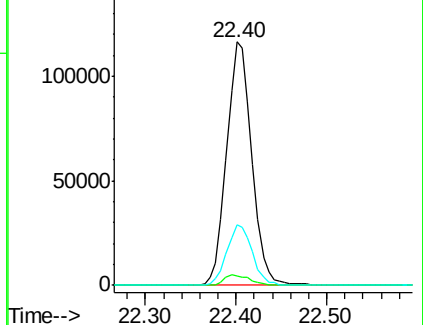
236 24.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 107.479 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032555.D

Acq: 6 Feb 2018 4:25

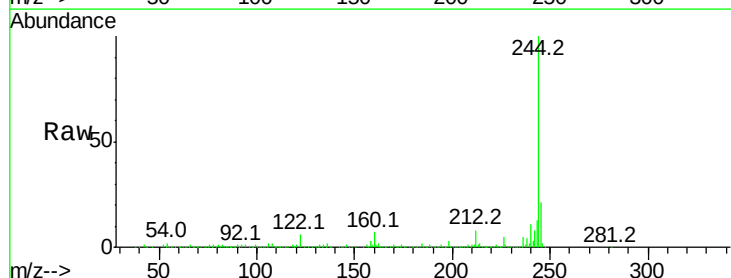
Tgt Ion:244 Resp: 1123283

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

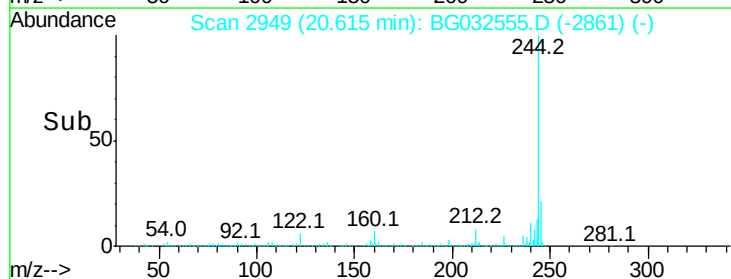
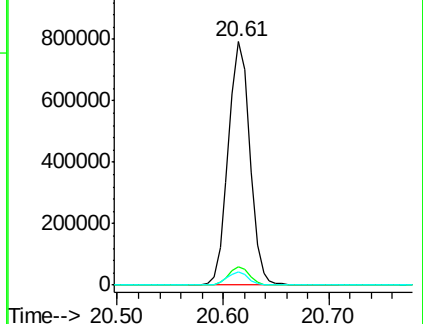
122 5.5 7.0 10.4#

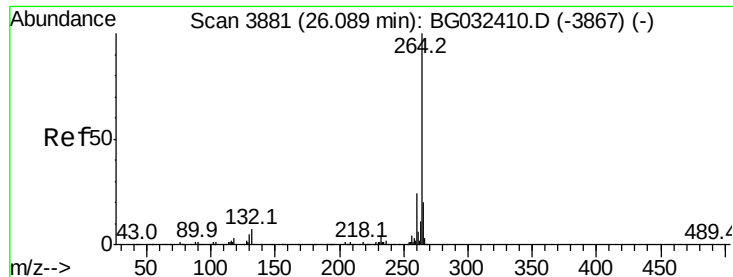


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BG032555.D
 Acq: 6 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-RECLAIM-SYSTEM

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.6	17.7	26.5

