

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045628.D
 Acq On : 5 Jun 2020 22:55
 Operator : CG/JU
 Sample : L2903-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Quant Time: Jun 06 01:19:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

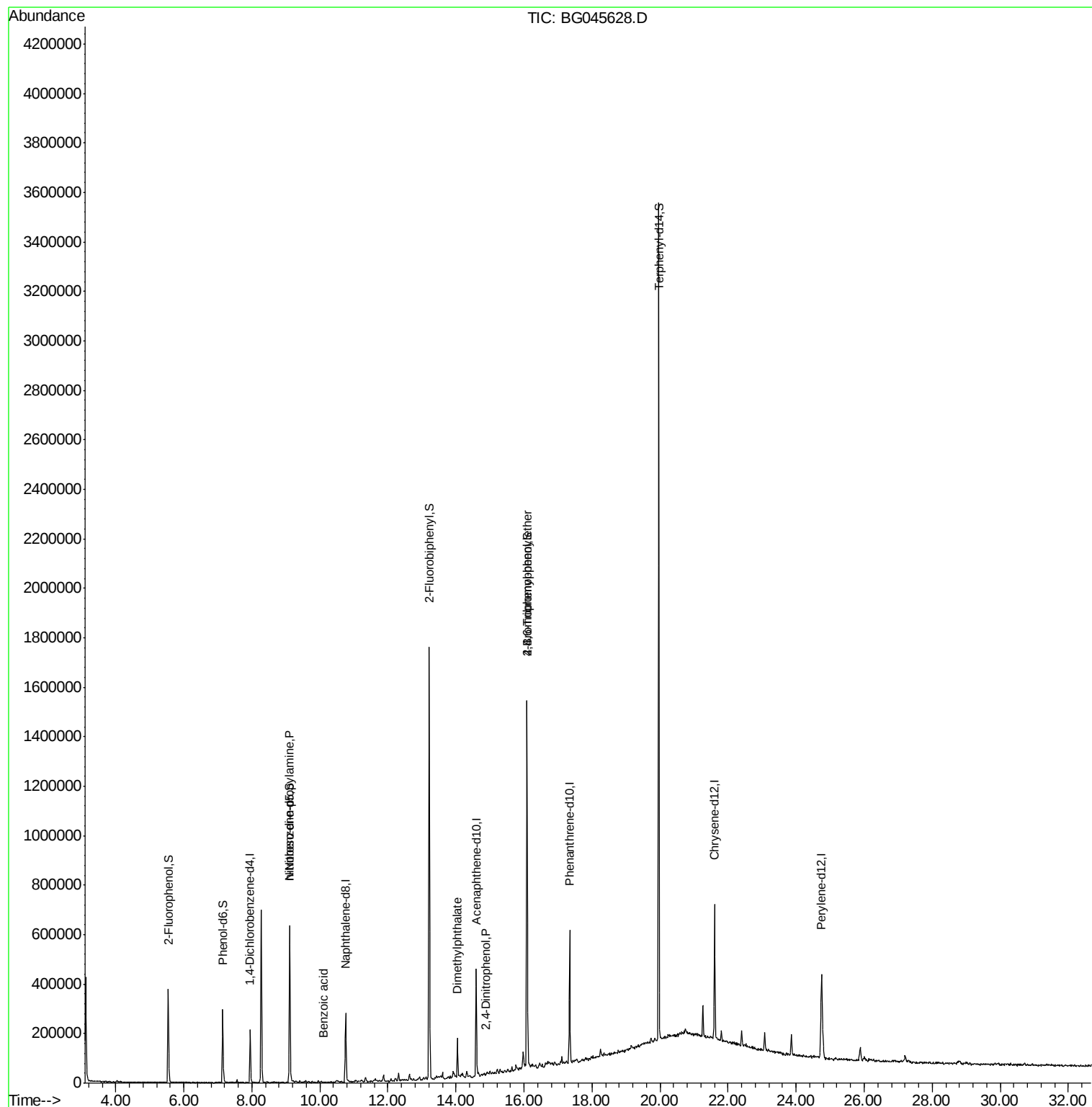
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62927	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	242208	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	156231	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	342542	20.00	ng	0.00
76) Chrysene-d12	21.60	240	347568	20.00	ng	0.00
87) Perylene-d12	24.74	264	378172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	191624	59.51	ng	0.00
7) Phenol-d6	7.14	99	202440	44.17	ng	0.00
23) Nitrobenzene-d5	9.11	82	438409	98.70	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	318238	159.28	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	967439	105.04	ng	0.00
79) Terphenyl-d14	19.96	244	1651017	110.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	59971	18.923	ng	Qvalue # 83
32) Benzoic acid	10.10	122	62	10.046	ng	# 28
50) Dimethylphthalate	14.05	163	109992	10.263	ng	99
54) 2,4-Dinitrophenol	14.88	184	120	5.530	ng	# 1
67) 4-Bromophenyl-phenylether	16.09	248	21984	5.927	ng	# 1

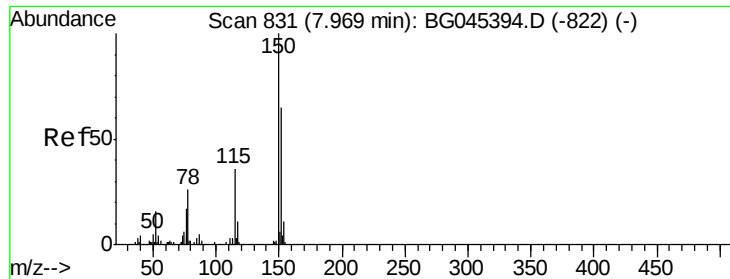
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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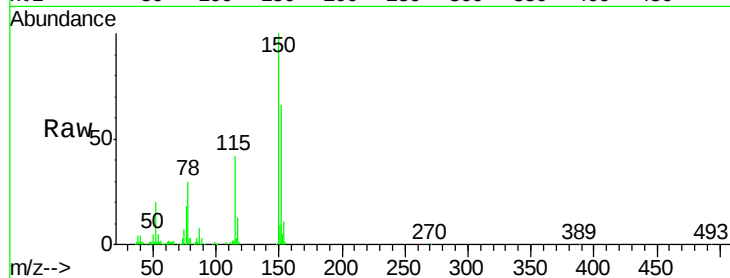


#1

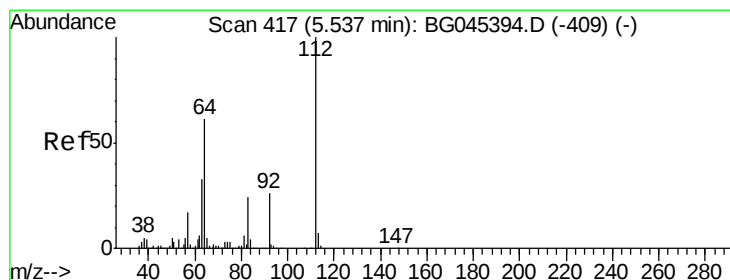
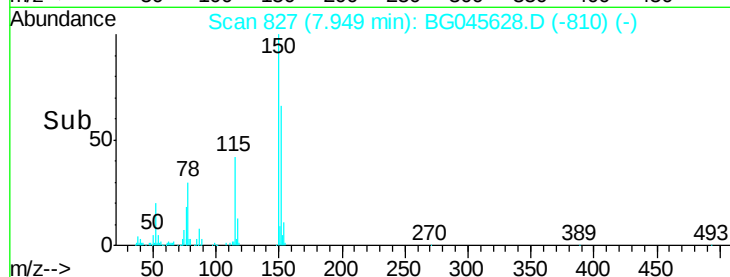
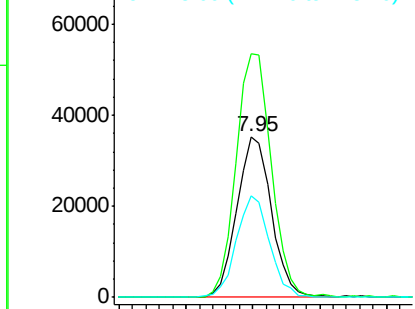
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Instrument :
BNA_G
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.4	183.6
115	63.4	44.2	66.4



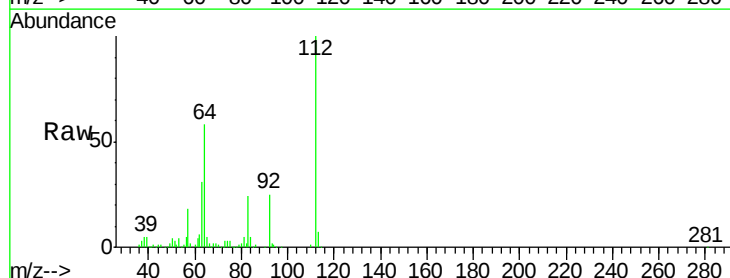
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



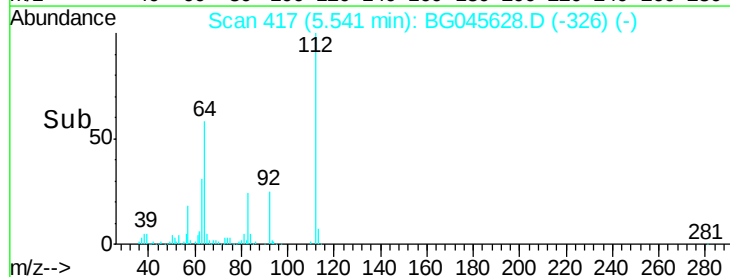
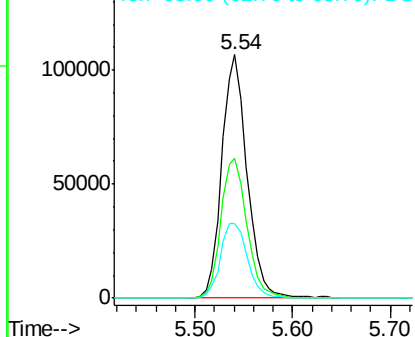
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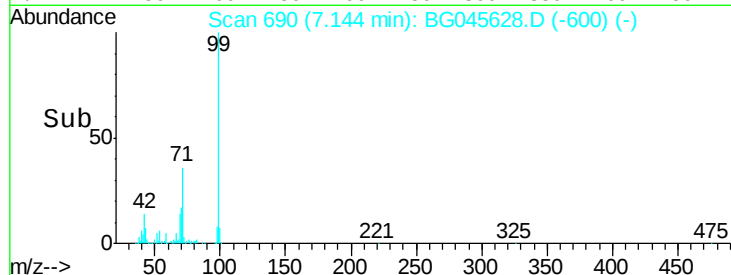
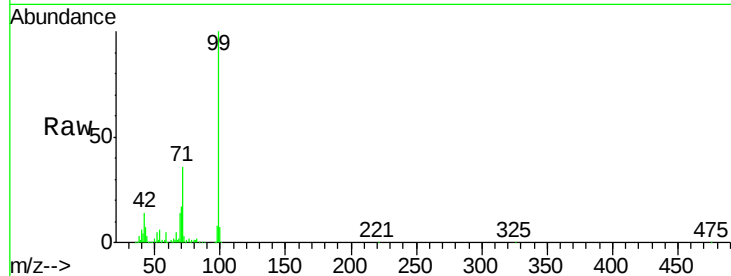
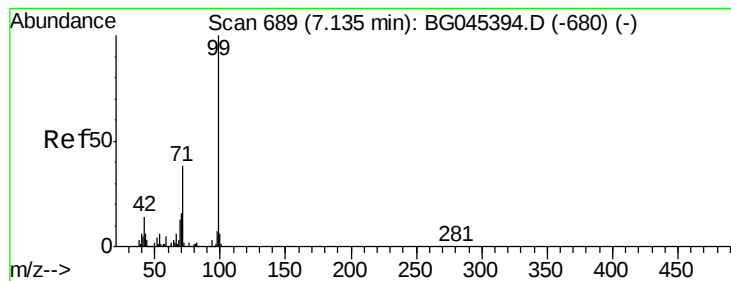
2-Fluorophenol
Concen: 59.512 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.6	72.8
63	30.9	26.5	39.7



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: 44.173 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045628.D

Acq: 5 Jun 2020 22:55

Instrument :

BNA_G

ClientSampled :

MW-18

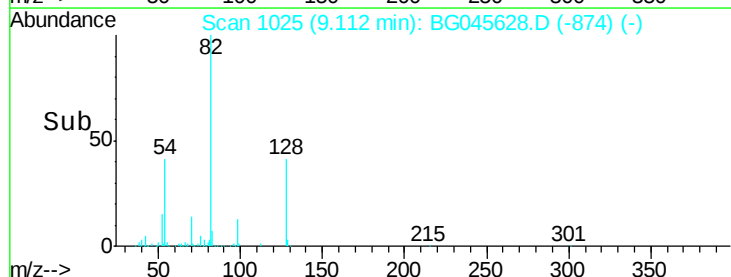
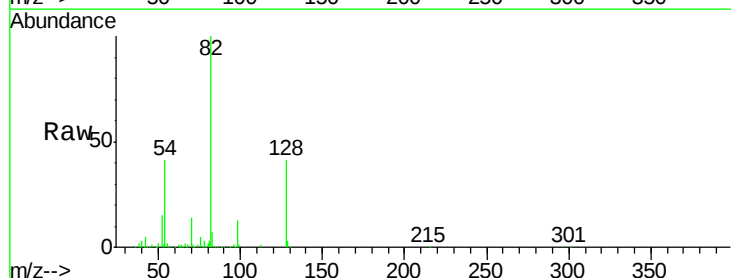
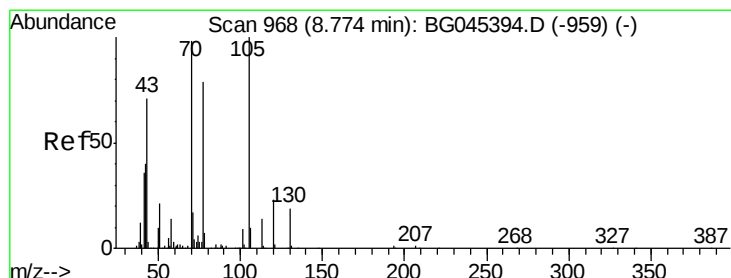
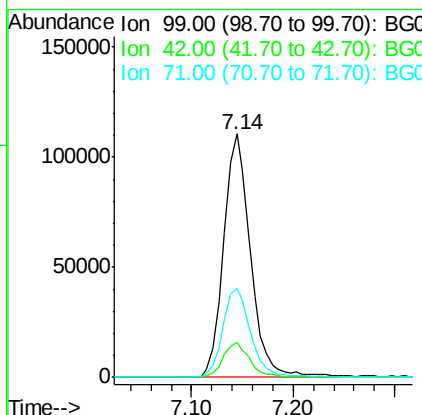
Tot Ion: 99 Resp: 202440

Ion Ratio Lower Upper

99 100

42 14.5 11.3 16.9

71 36.3 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.923 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BG045628.D

Acq: 5 Jun 2020 22:55

Tgt Ion: 70 Resp: 59971

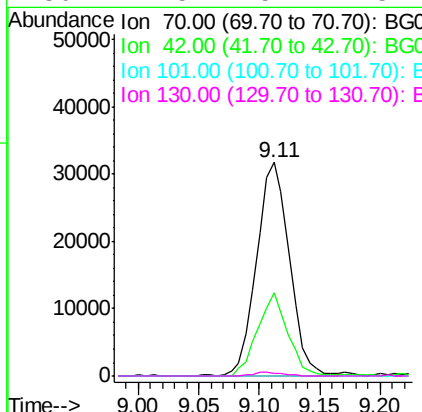
Ion Ratio Lower Upper

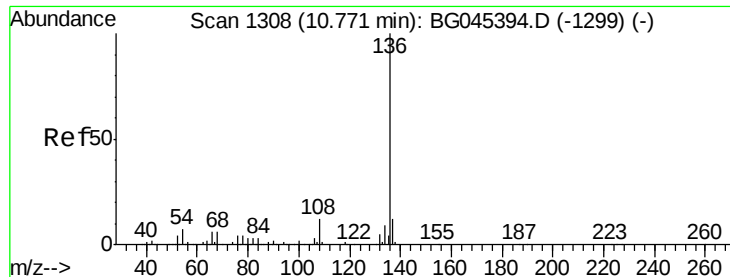
70 100

42 39.0 33.2 49.8

101 0.0 7.8 11.6#

130 1.5 15.4 23.2#

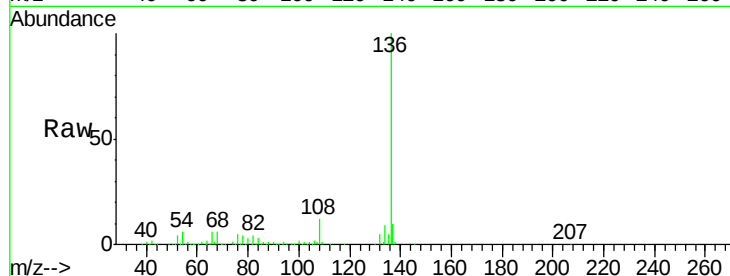




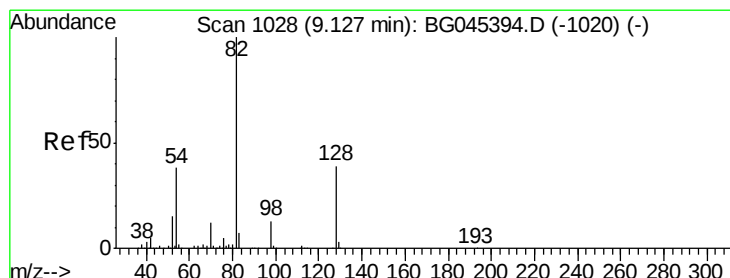
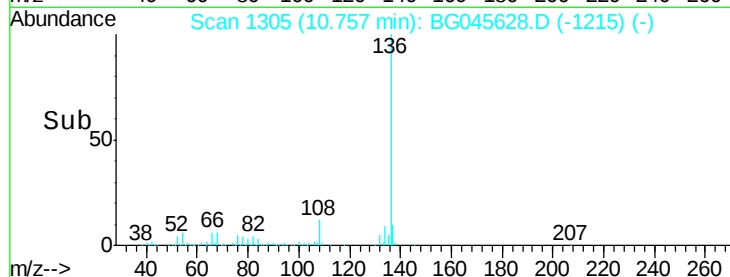
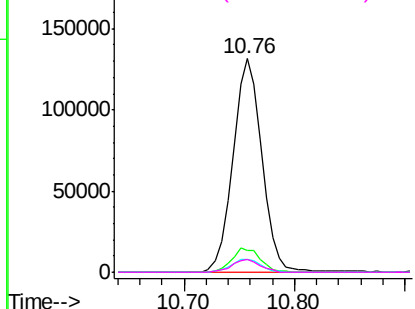
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Instrument :
BNA_G
ClientSampleId :
MW-18

Tot Ion:136	Resp:	242208	
Ion Ratio	Lower	Upper	
136 100			
137 10.1	9.4	14.2	
54 5.8	5.8	8.6	
68 5.7	4.5	6.7	

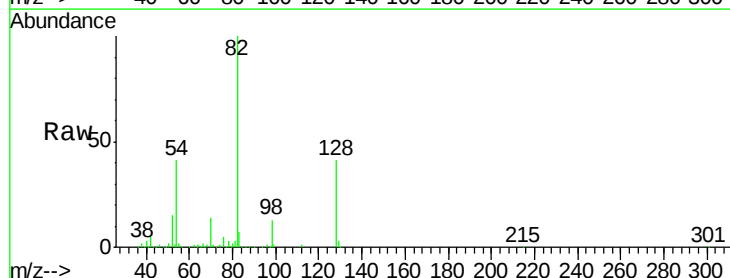


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

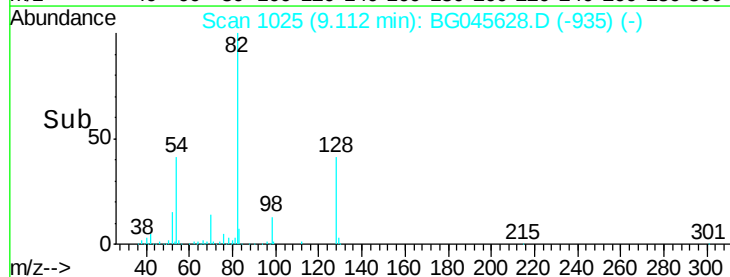
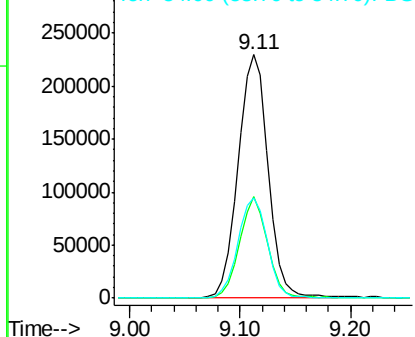


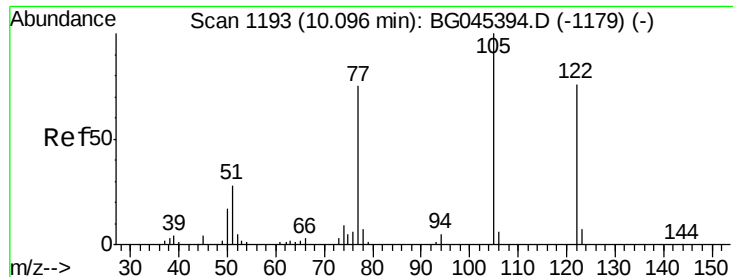
#23
Nitrobenzene-d5
Concen: 98.705 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Tgt	Ion: 82	Resp:	438409
Ion	Ratio	Lower	Upper
82	100		
128	41.5	30.9	46.3
54	41.1	30.3	45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

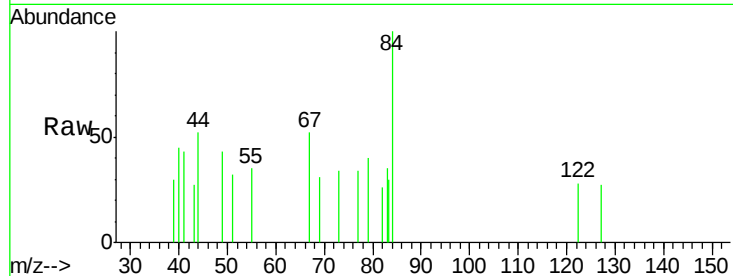




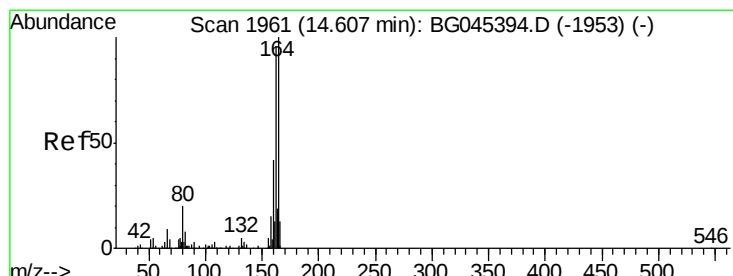
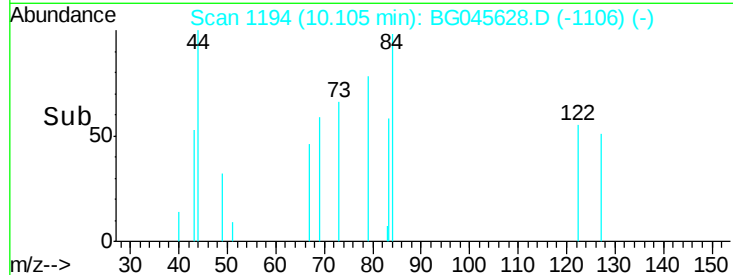
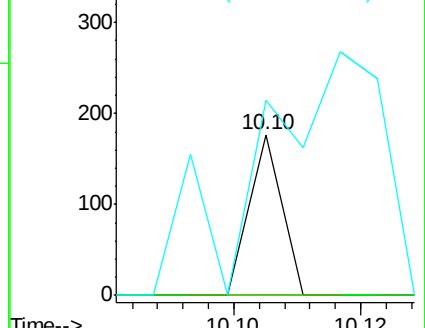
#32
Benzoic acid
Concen: 10.046 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Instrument :
BNA_G
ClientSampled :
MW-18

Tot Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 120.9 78.9 118.9#

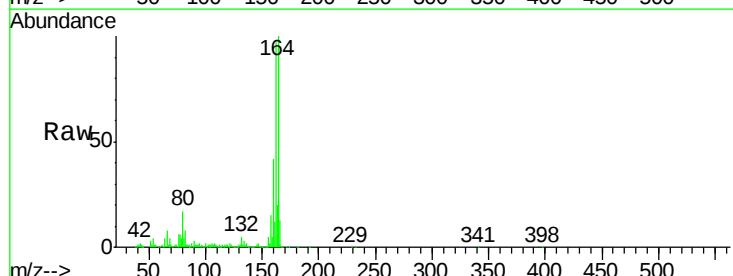


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

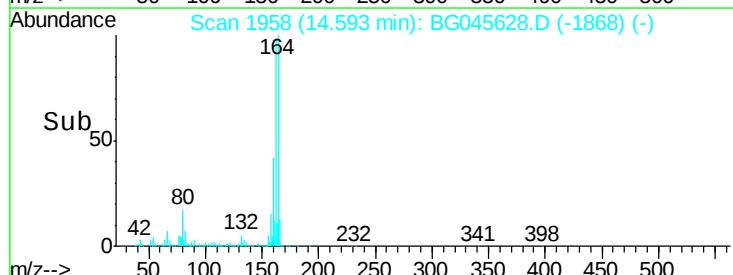
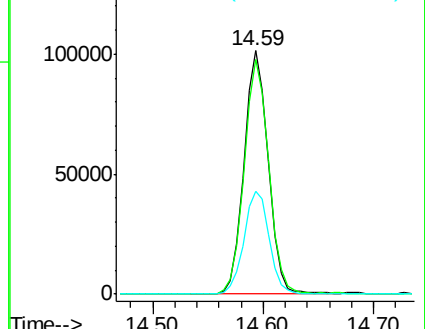


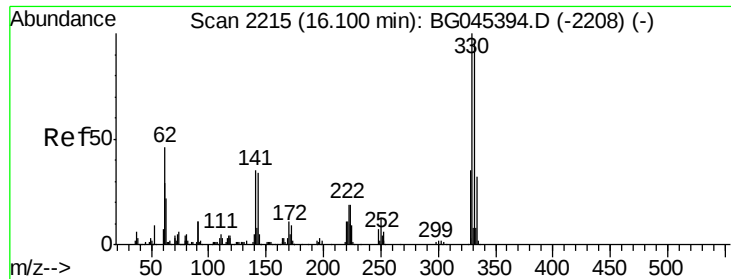
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Tgt Ion:164 Resp: 156231
Ion Ratio Lower Upper
164 100
162 96.5 76.9 115.3
160 42.3 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

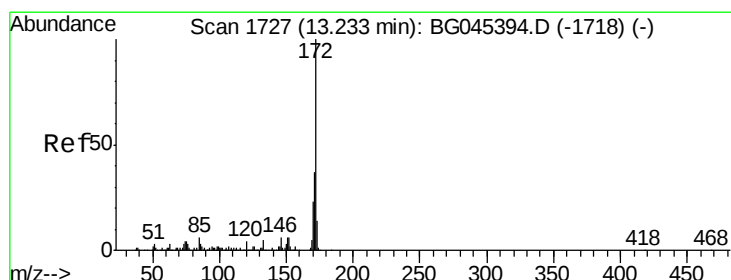
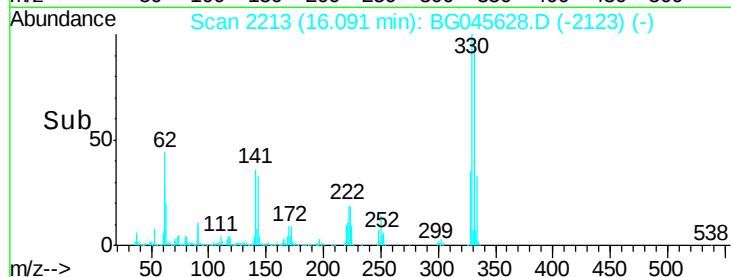
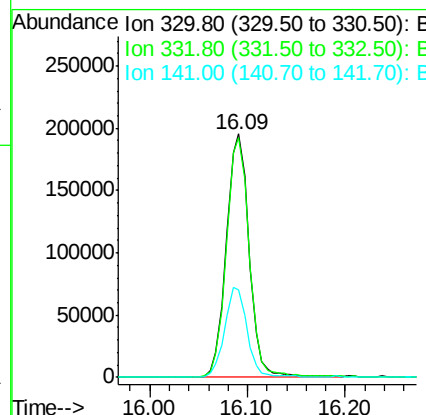
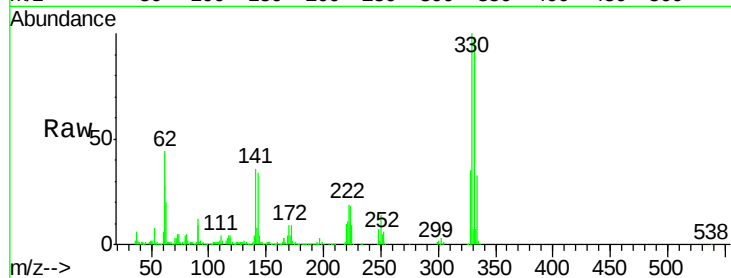




#42
2,4,6-Tribromophenol
Concen: 159.277 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

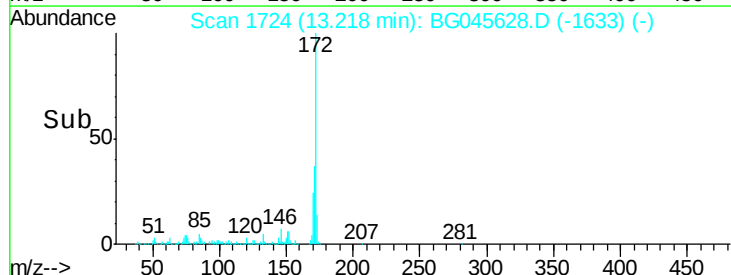
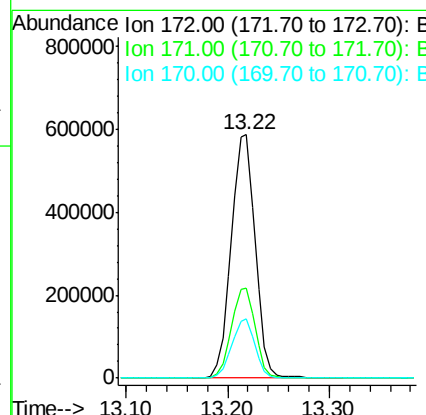
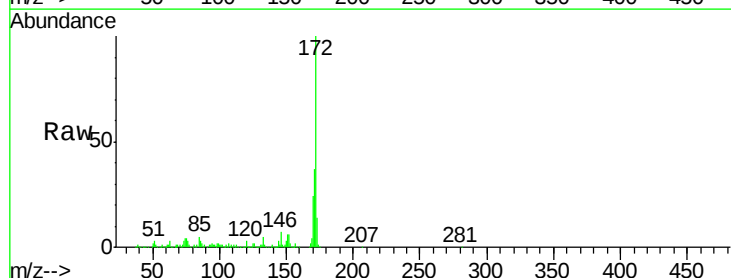
Instrument :
BNA_G
ClientSampleId :
MW-18

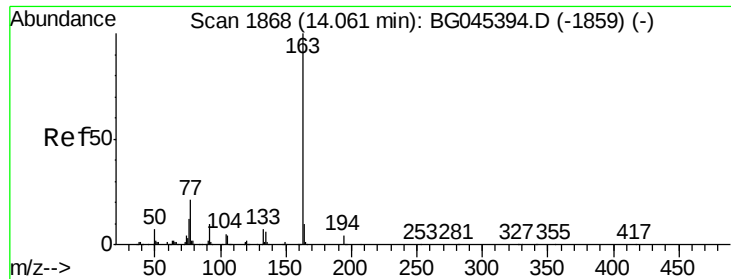
Tot Ion:330 Resp: 318238
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 36.3 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 105.035 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Tgt Ion:172 Resp: 967439
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.2 18.5 27.7





#50

Dimethylphthalate

Concen: 10.263 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045628.D

Acq: 5 Jun 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MW-18

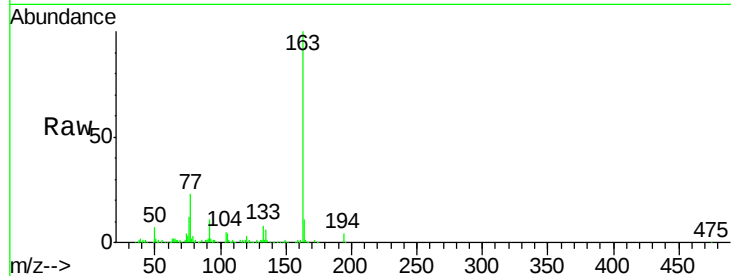
Tot Ion:163 Resp: 109992

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

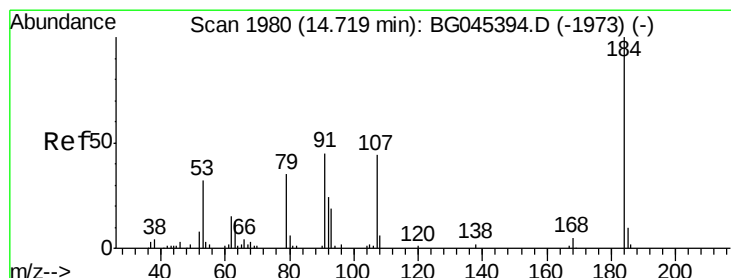
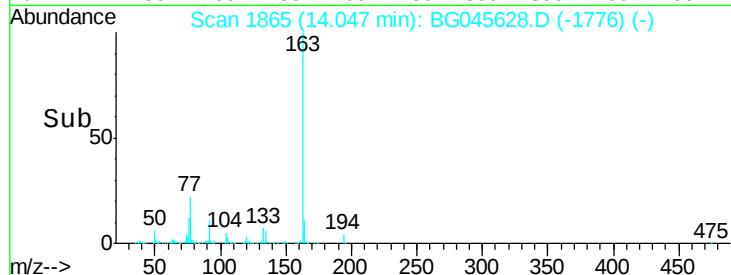
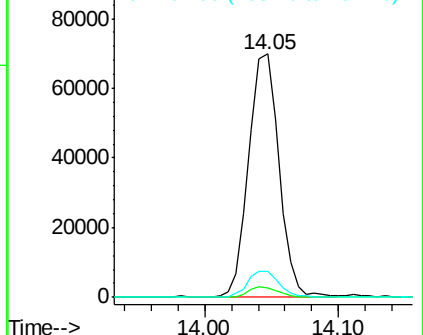
164 10.7 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.530 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.17 min

Lab File: BG045628.D

Acq: 5 Jun 2020 22:55

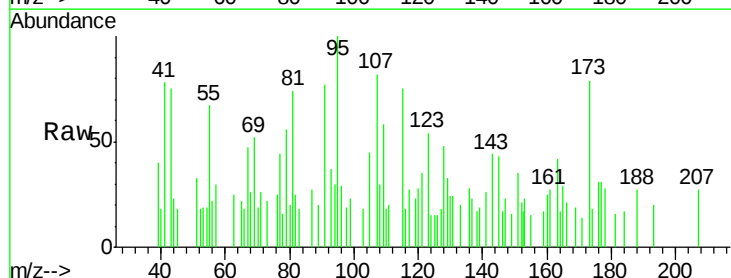
Tgt Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

63 144.8 47.8 71.6#

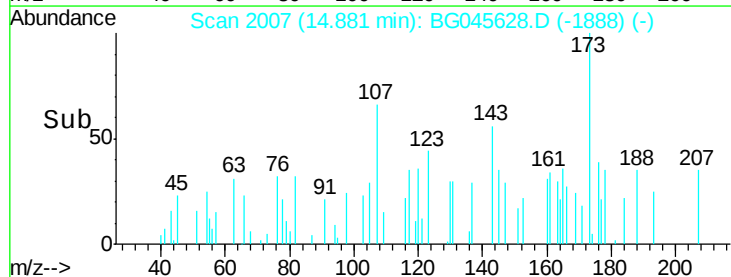
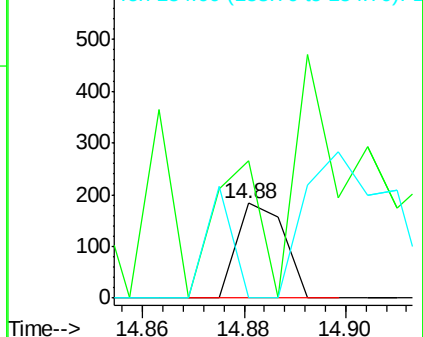
154 0.0 58.3 87.5#

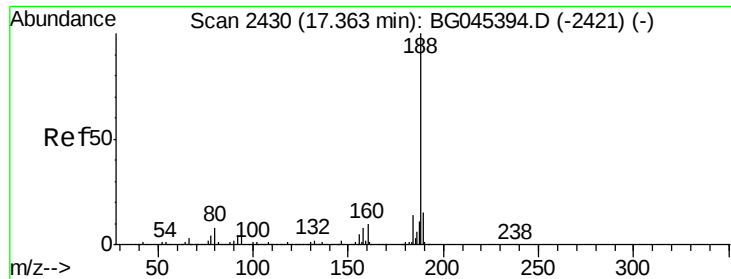


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

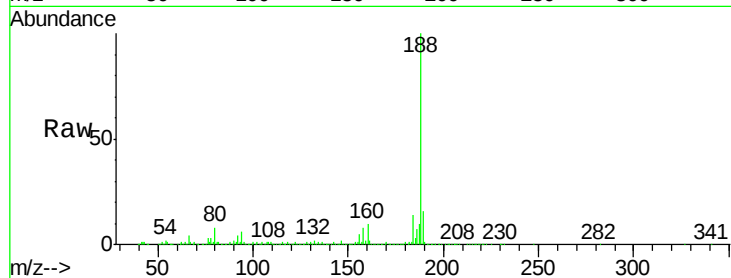




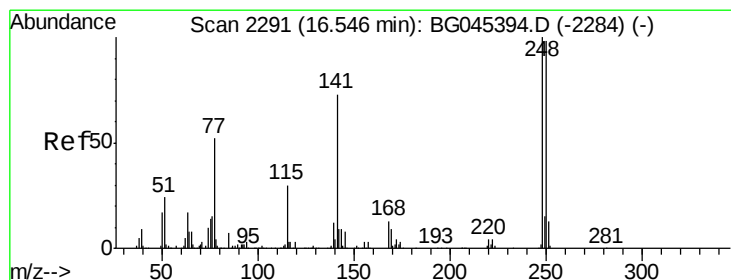
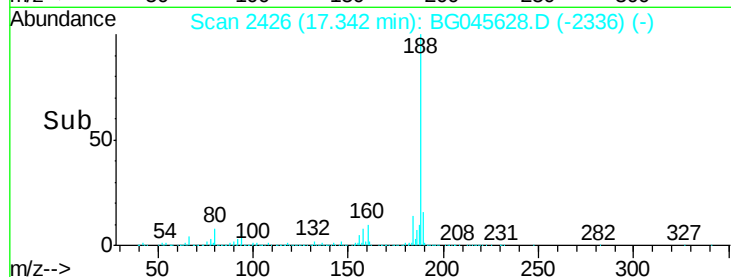
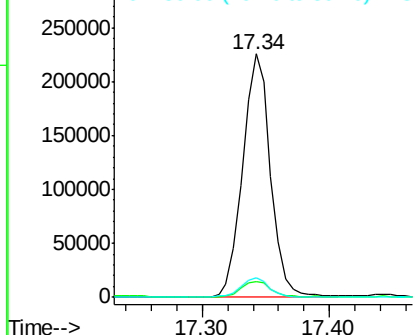
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Instrument :
BNA_G
ClientSampleId :
MW-18

Tot Ion:188 Resp: 342542
Ion Ratio Lower Upper
188 100
94 6.4 5.5 8.3
80 8.0 6.6 10.0

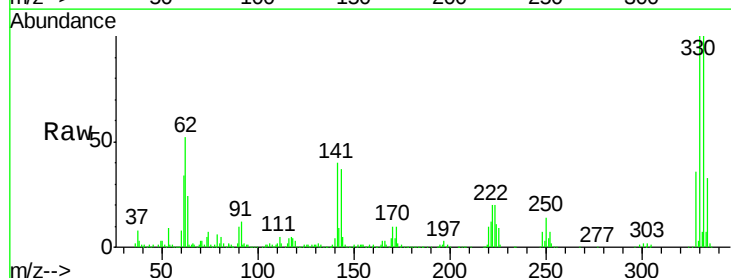


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

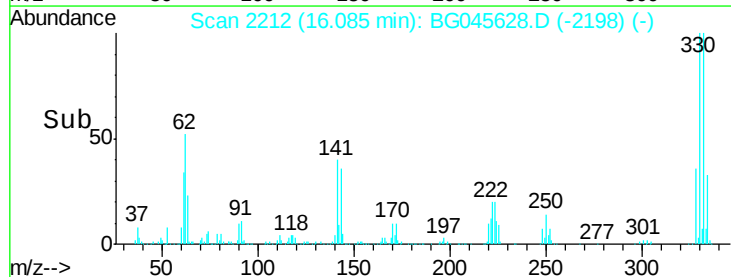
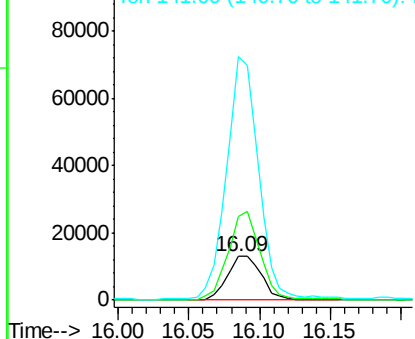


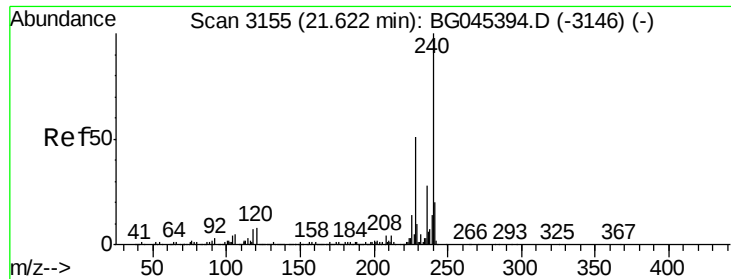
#67
4-Bromophenyl-phenylether
Concen: 5.927 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045628.D
Acq: 5 Jun 2020 22:55

Tgt Ion:248 Resp: 21984
Ion Ratio Lower Upper
248 100
250 191.0 78.6 117.8#
141 557.0 58.2 87.2#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045628.D

Acq: 5 Jun 2020 22:55

Instrument :

BNA_G

ClientSampleId :

MW-18

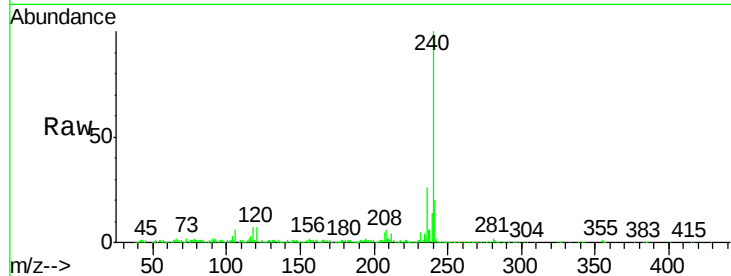
Tot Ion:240 Resp: 347568

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

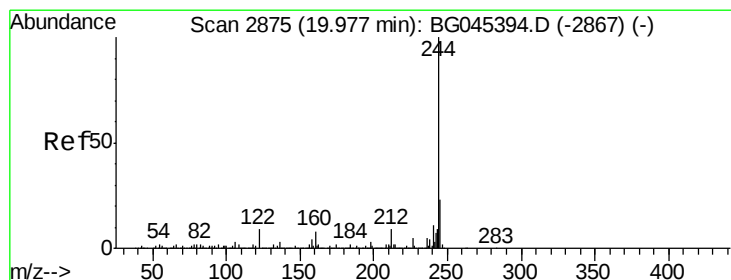
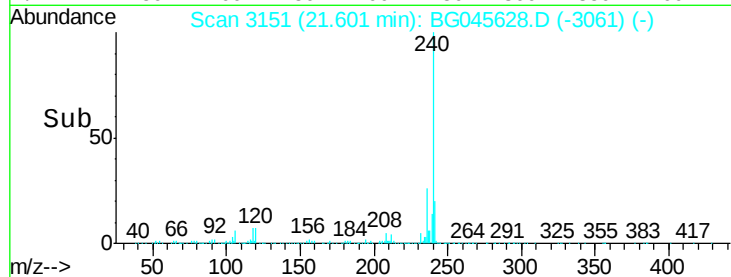
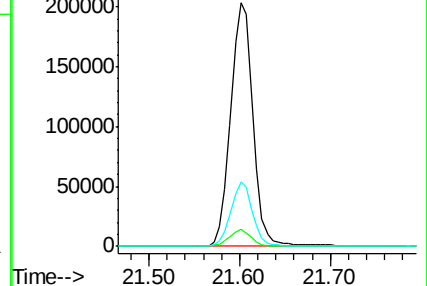
236 26.3 22.3 33.5



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: 110.789 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045628.D

Acq: 5 Jun 2020 22:55

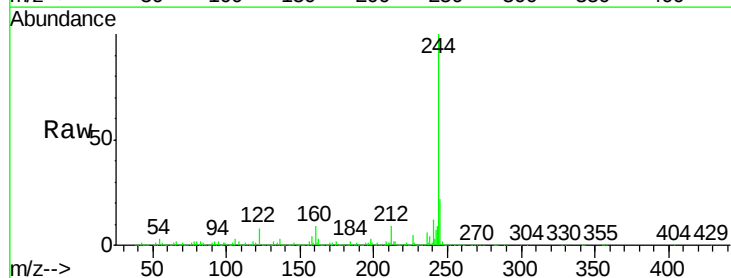
Tgt Ion:244 Resp: 1651017

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

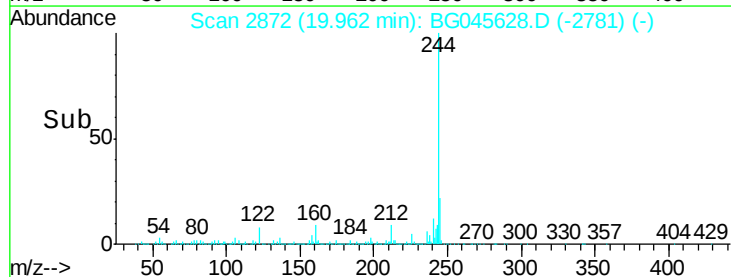
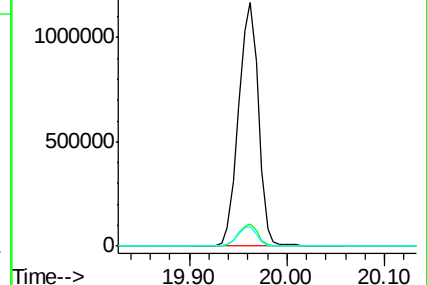
122 8.1 6.8 10.2

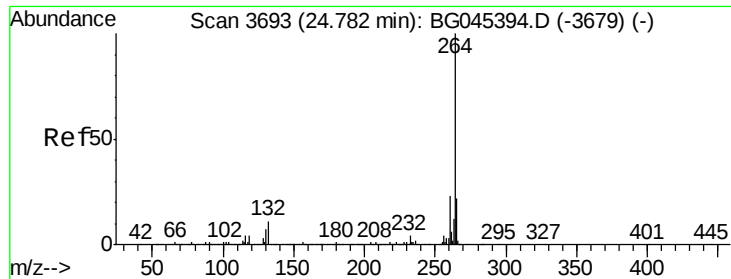


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045628.D
 Acq: 5 Jun 2020 22:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Tot Ion:	264	Resp:	378172
Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	21.9	17.6	26.4

