

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045626.D
 Acq On : 5 Jun 2020 21:34
 Operator : CG/JU
 Sample : L2903-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jun 06 01:18:46 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

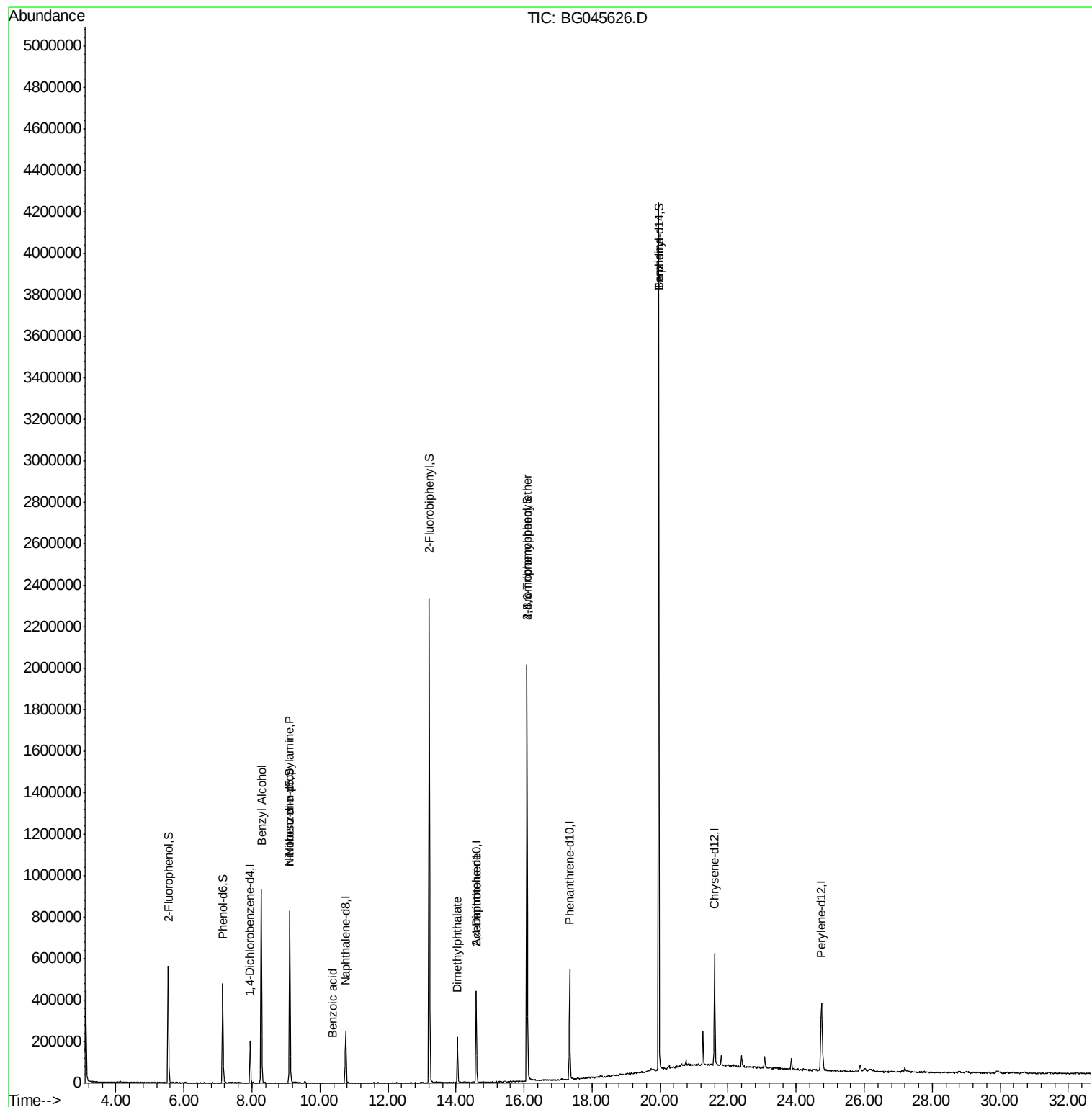
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62282	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	235577	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	158267	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	352825	20.00	ng	0.00
76) Chrysene-d12	21.60	240	356603	20.00	ng	0.00
87) Perylene-d12	24.74	264	380603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	286179	89.80	ng	0.00
7) Phenol-d6	7.14	99	330368	72.83	ng	0.00
23) Nitrobenzene-d5	9.11	82	558075	129.18	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	412773	203.93	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1260068	135.05	ng	0.00
79) Terphenyl-d14	19.96	244	2034779	133.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	8952	2.389	ng	# 57
19) n-Nitroso-di-n-propylamine	9.11	70	76612	24.425	ng	# 78
32) Benzoic acid	10.38	122	60	10.046	ng	# 1
50) Dimethylphthalate	14.05	163	153905	14.176	ng	# 98
57) 2,4-Dinitrotoluene	14.59	165	21563	6.077	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	28740	7.523	ng	# 1
77) Benzidine	19.96	184	41038	4.098	ng	# 91

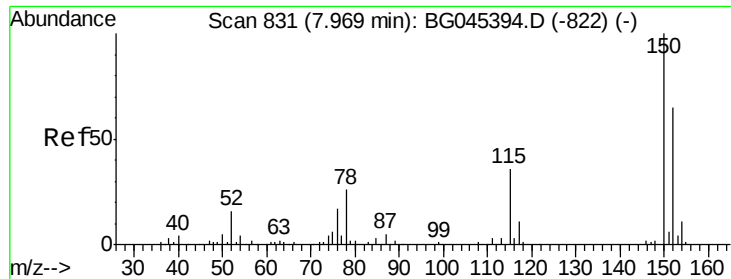
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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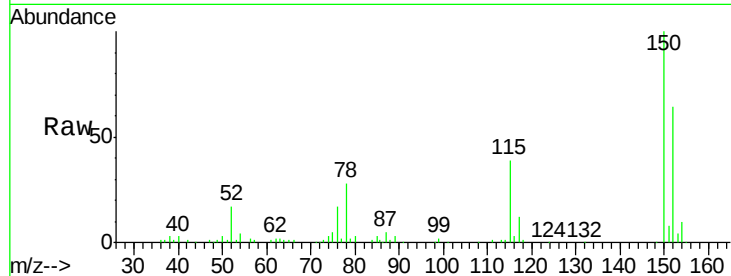


#1

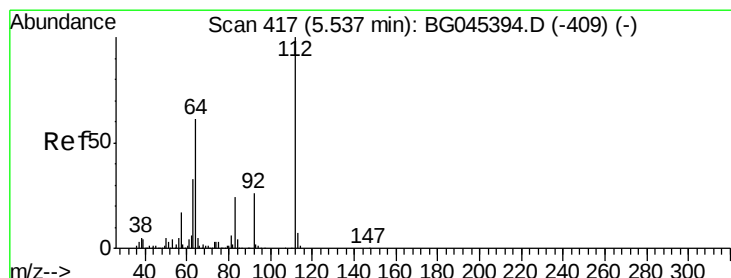
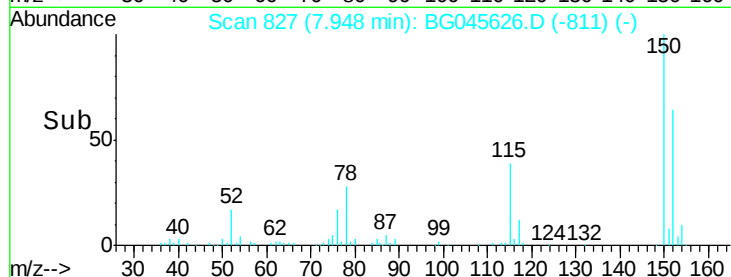
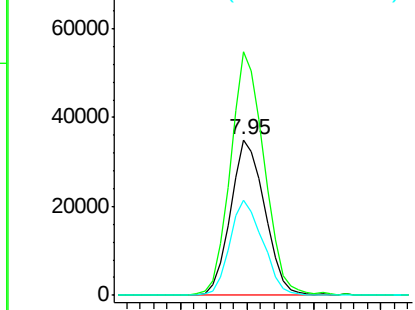
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:152 Resp: 62282
Ion Ratio Lower Upper
152 100
150 156.1 122.4 183.6
115 60.7 44.2 66.4



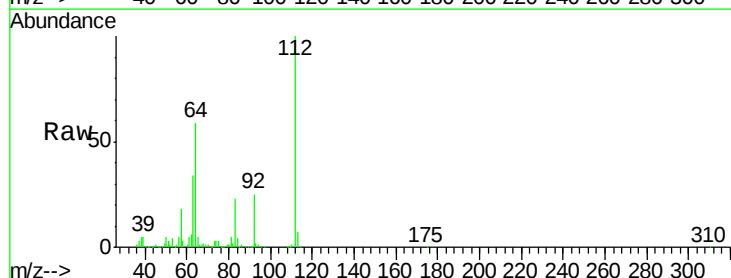
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



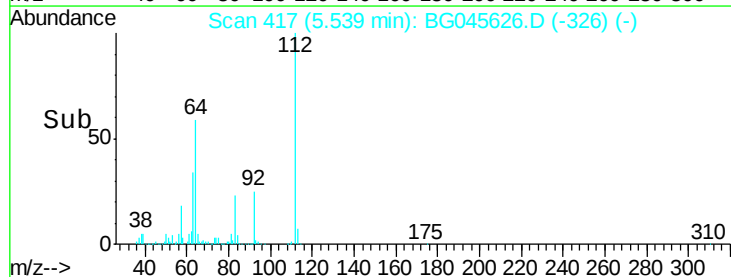
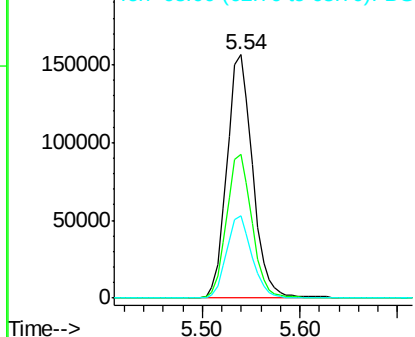
#5

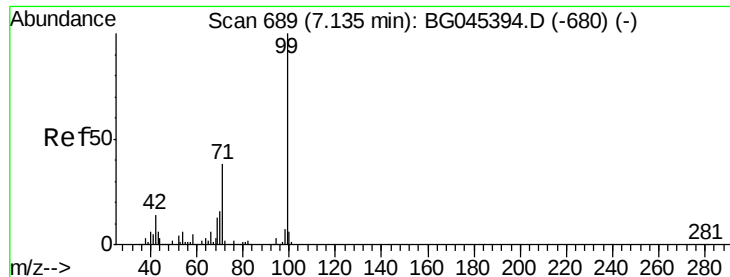
2-Fluorophenol
Concen: 89.798 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

Tgt Ion:112 Resp: 286179
Ion Ratio Lower Upper
112 100
64 59.1 48.6 72.8
63 33.7 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: 72.833 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

Instrument :

BNA_G

ClientSampleId :

MW-3

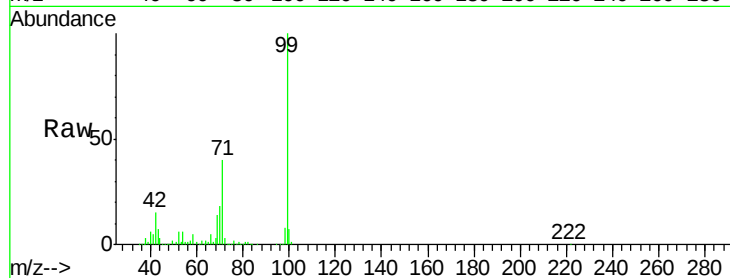
Tot Ion: 99 Resp: 330368

Ion Ratio Lower Upper

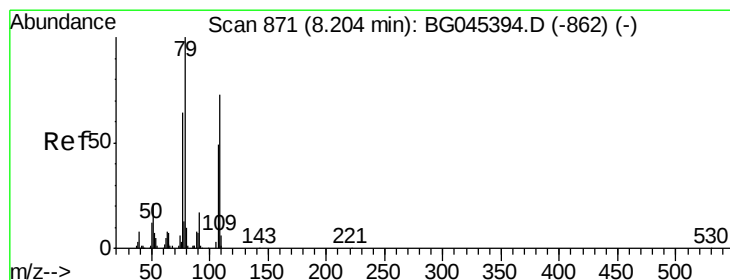
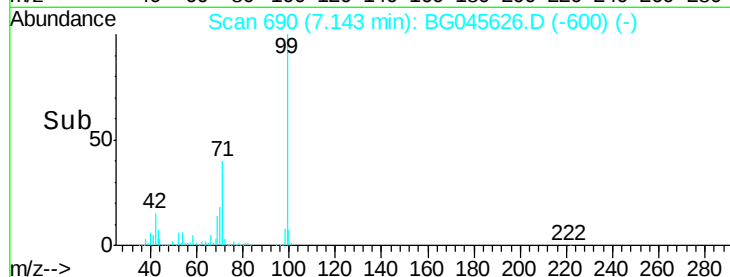
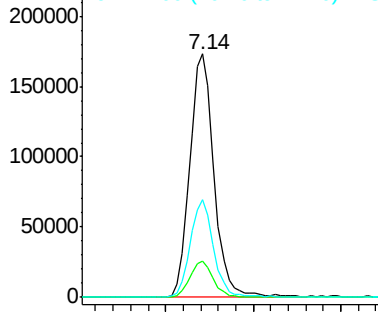
99 100

42 14.7 11.3 16.9

71 40.1 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



#15

Benzyl Alcohol

Concen: 2.389 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

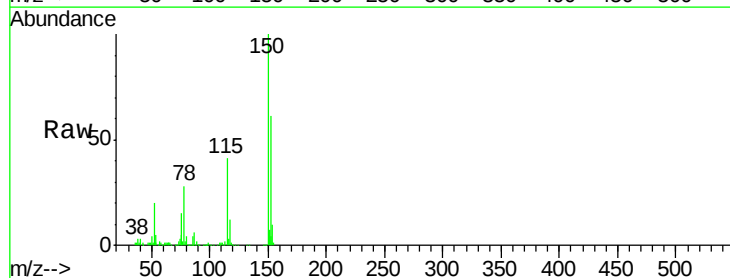
Tgt Ion: 79 Resp: 8952

Ion Ratio Lower Upper

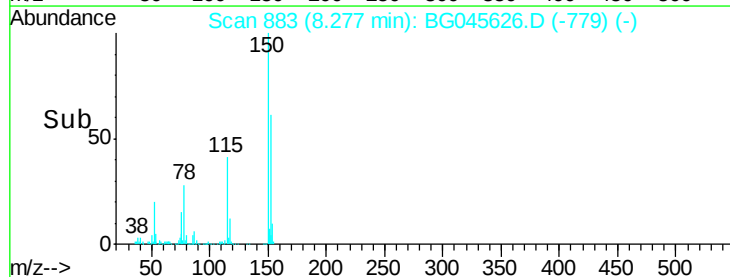
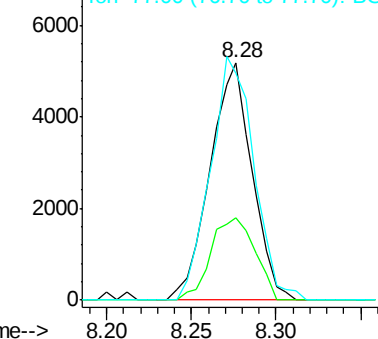
79 100

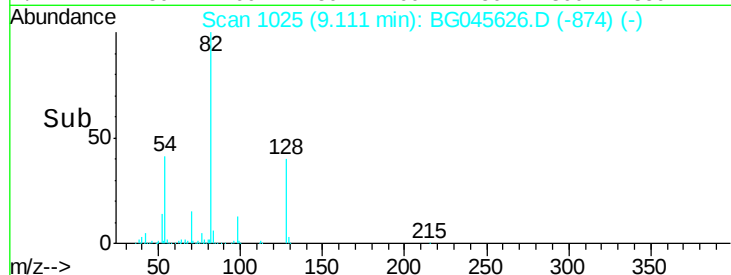
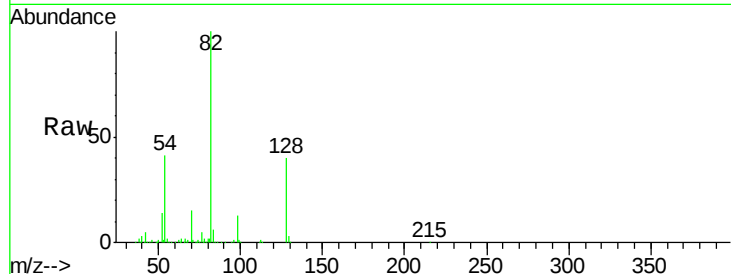
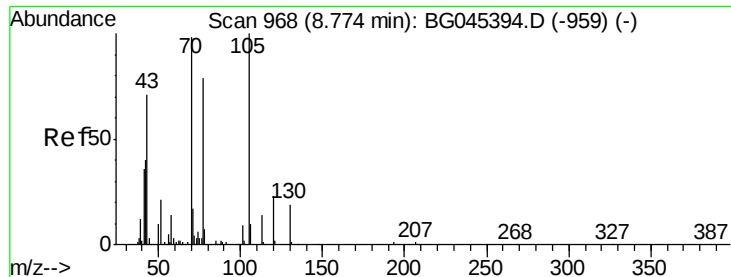
108 34.7 58.2 87.4#

77 95.7 51.0 76.4#



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

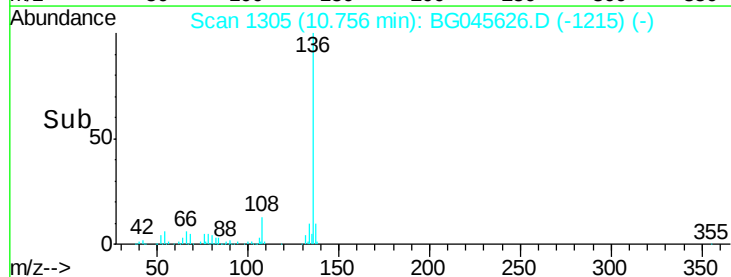
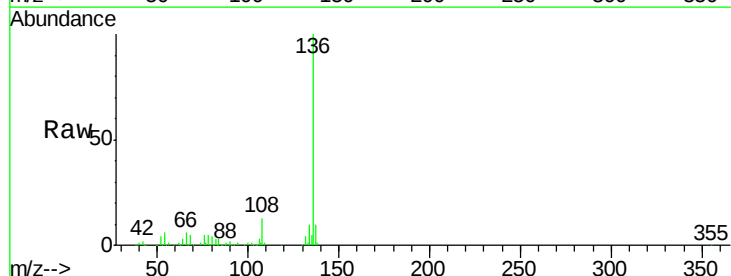
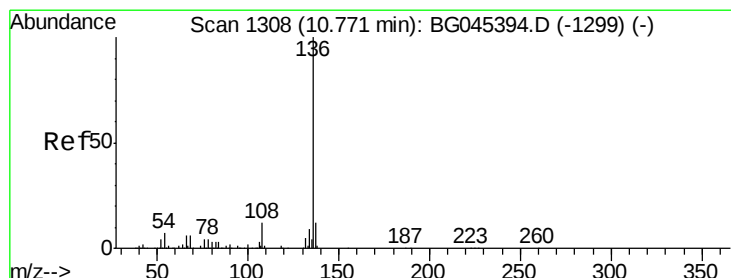
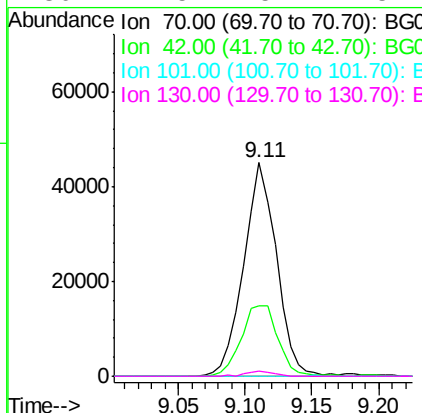




#19
n-Nitroso-di-n-propylamine
Concen: 24.425 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

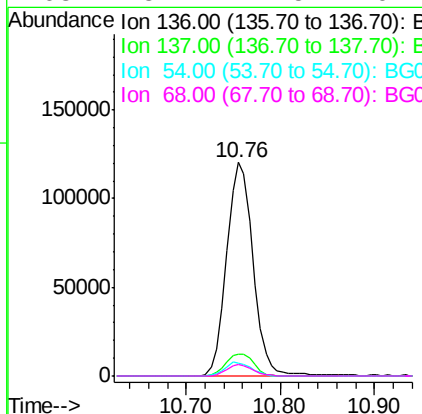
Instrument :
BNA_G
ClientSampleId :
MW-3

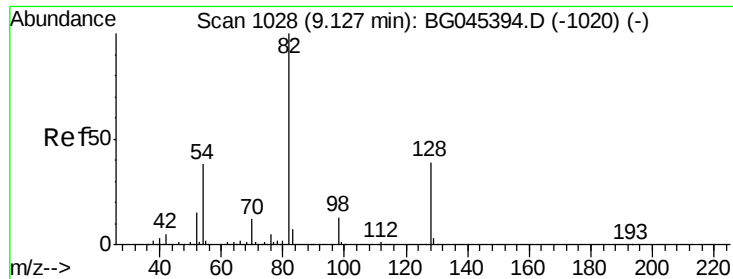
Tot Ion:	70	Resp:	76612
Ion	Ratio	Lower	Upper
70	100		
42	33.1	33.2	49.8#
101	0.0	7.8	11.6#
130	2.5	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

Tgt Ion:	136	Resp:	235577
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.2
54	5.9	5.8	8.6
68	5.1	4.5	6.7

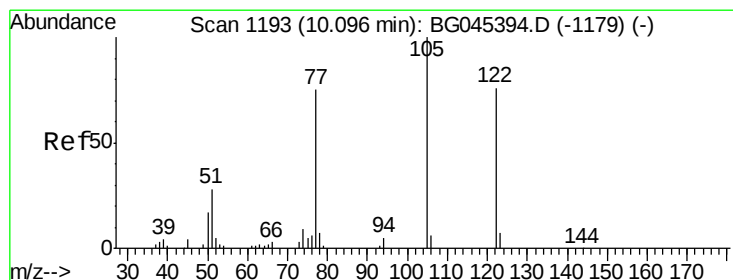
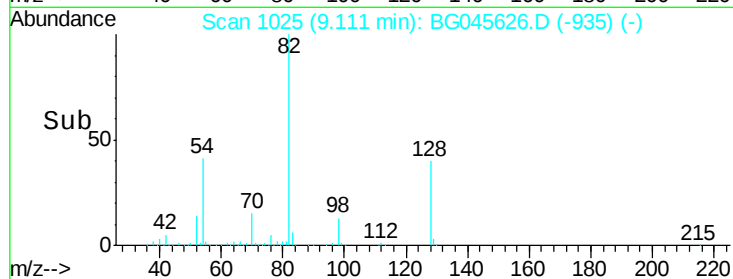
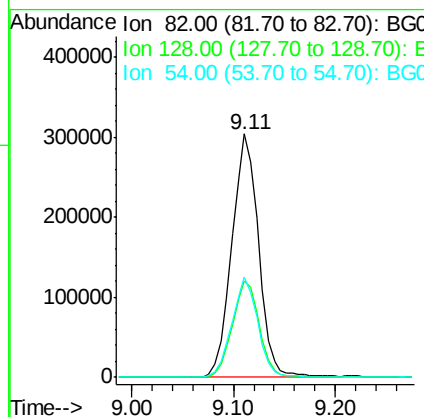
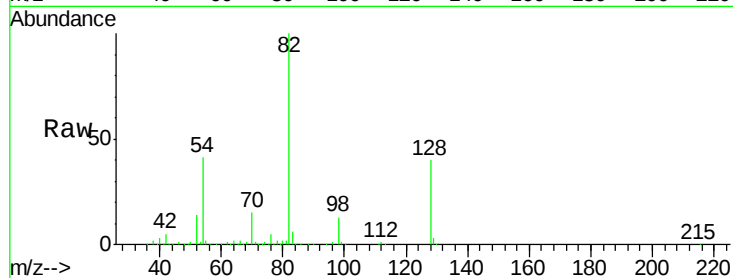




#23
 Nitrobenzene-d5
 Concen: 129.184 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045626.D
 Acq: 5 Jun 2020 21:34

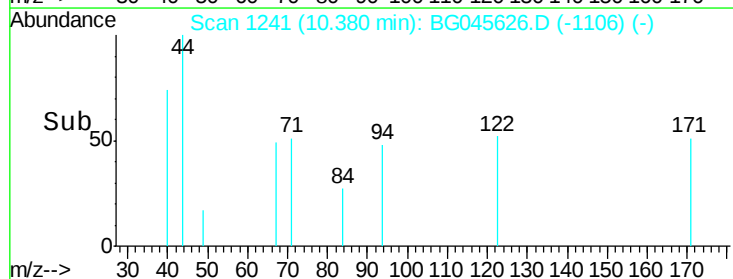
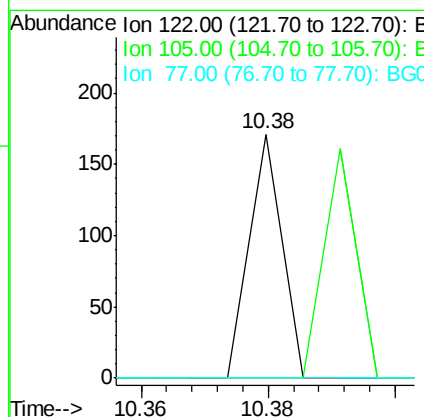
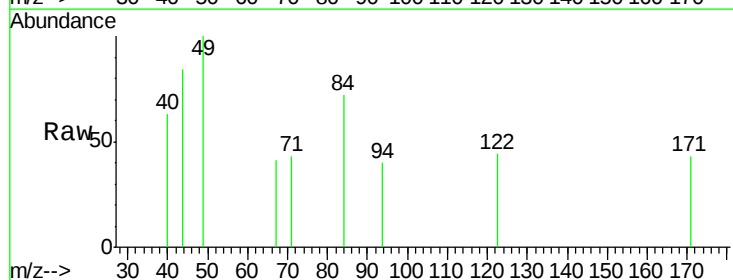
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

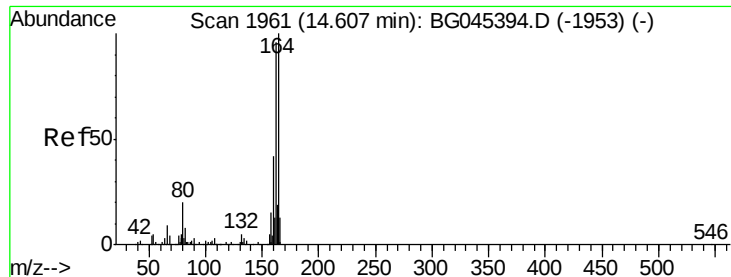
Tot Ion	82	Resp	558075
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.9	46.3
54	41.2	30.3	45.5



#32
 Benzoic acid
 Concen: 10.046 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.26 min
 Lab File: BG045626.D
 Acq: 5 Jun 2020 21:34

Tgt Ion	122	Resp	60
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

Instrument :

BNA_G

ClientSampled :

MW-3

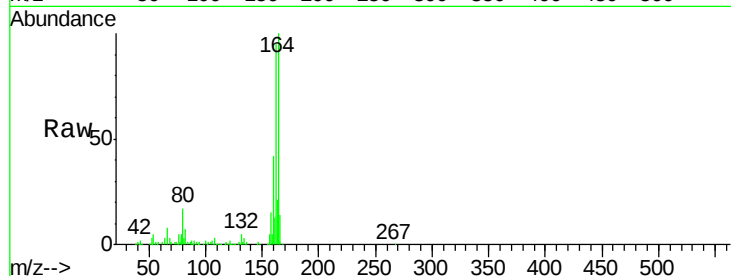
Tot Ion:164 Resp: 158267

Ion Ratio Lower Upper

164 100

162 94.9 76.9 115.3

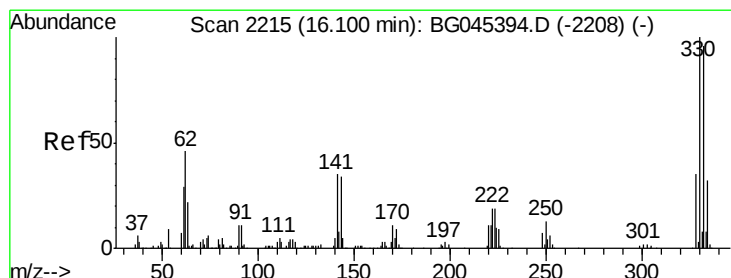
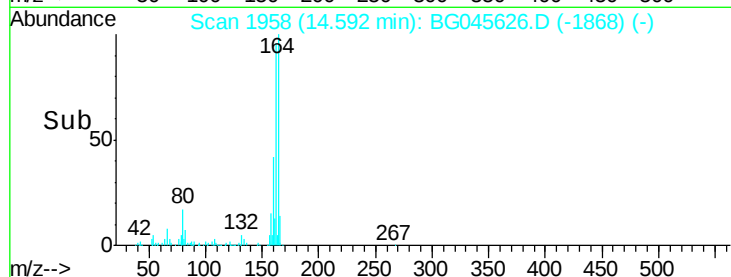
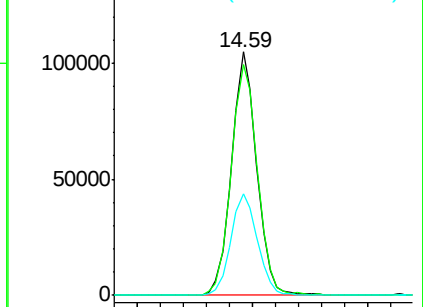
160 41.8 33.8 50.8



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: 203.934 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

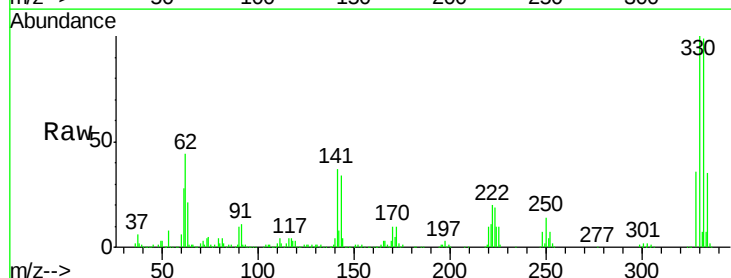
Tgt Ion:330 Resp: 412773

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

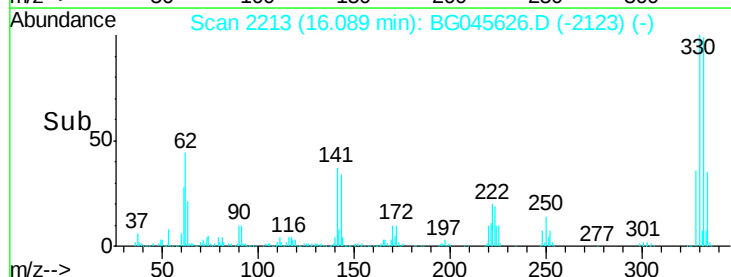
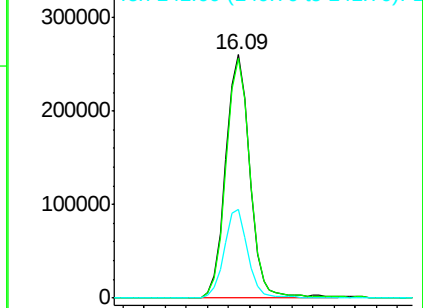
141 35.7 28.2 42.4

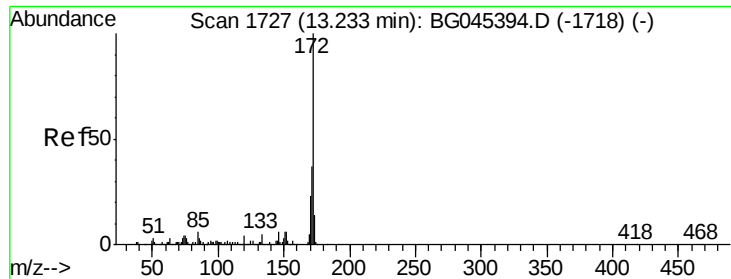


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

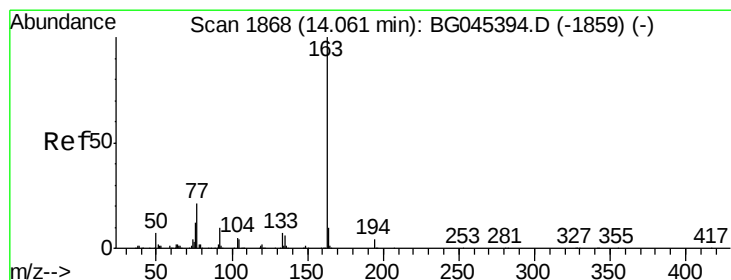
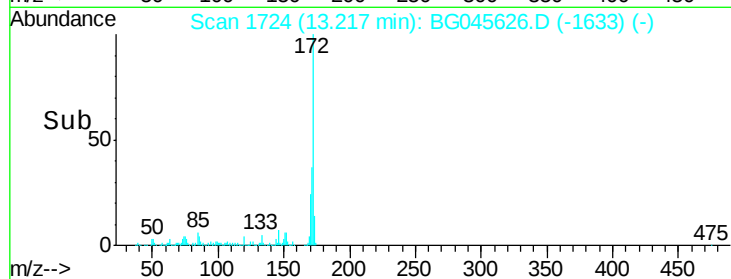
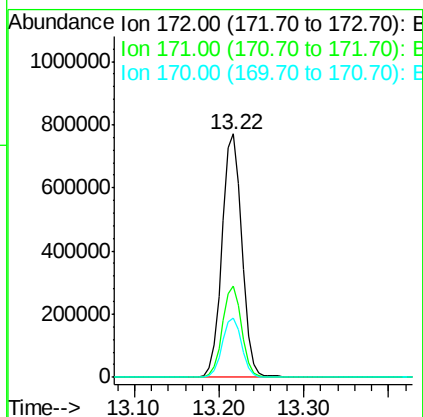
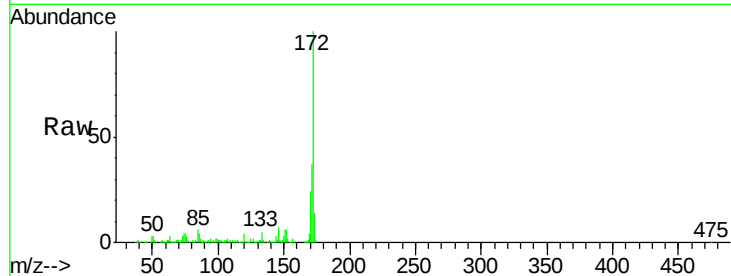




#45
2-Fluorobiphenyl
Concen: 135.046 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

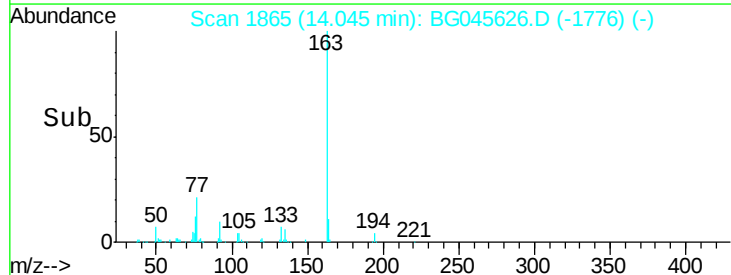
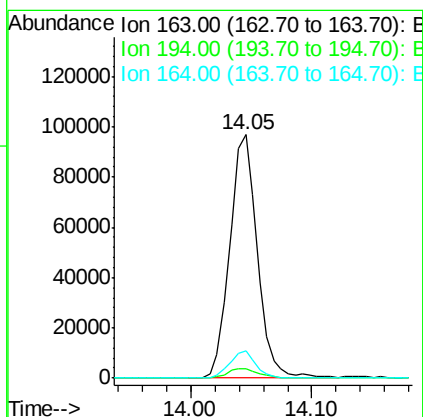
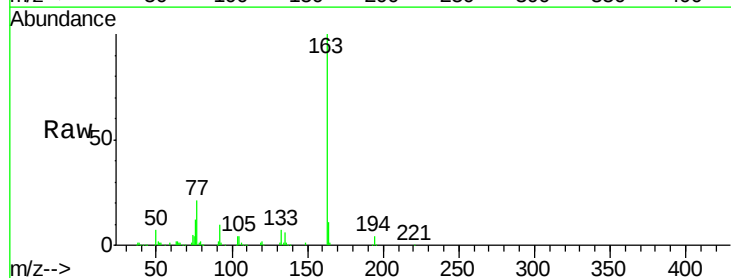
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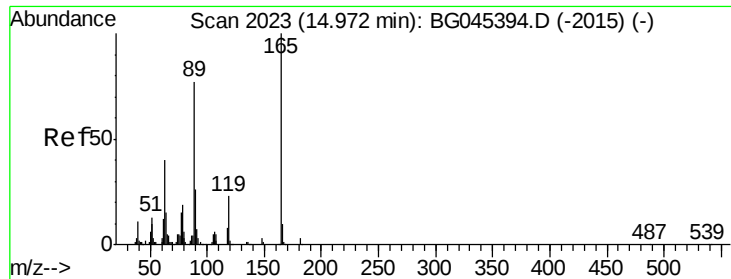
Tot Ion:172 Resp: 1260068
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 24.5 18.5 27.7



#50
Dimethylphthalate
Concen: 14.176 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

Tgt Ion:163 Resp: 153905
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 11.2 8.3 12.5





#57

2,4-Dinitrotoluene

Concen: 6.077 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

Instrument :

BNA_G

ClientSampleId :

MW-3

Tot Ion:165 Resp: 21563

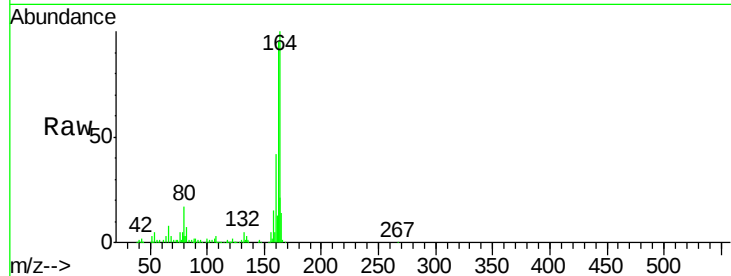
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 1.1 61.8 92.6#

182 0.0 2.3 3.5#

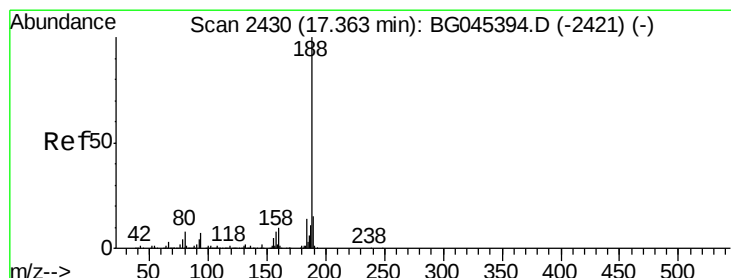
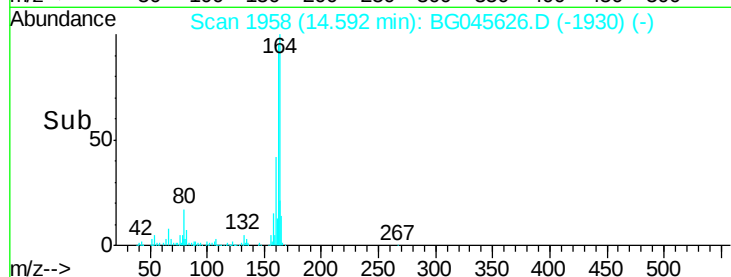
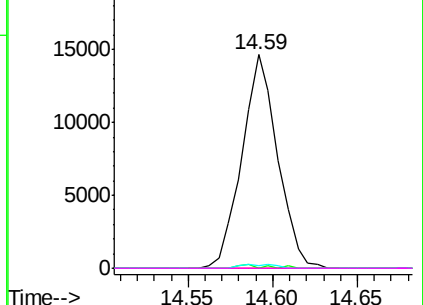


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

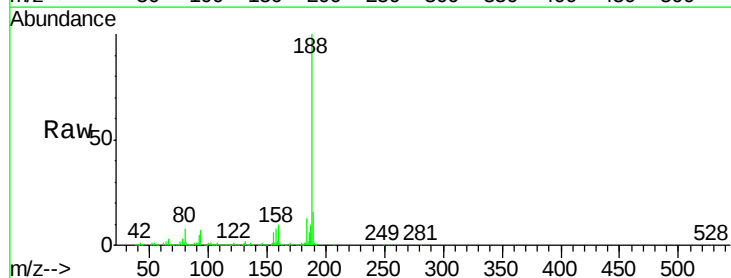
Tgt Ion:188 Resp: 352825

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

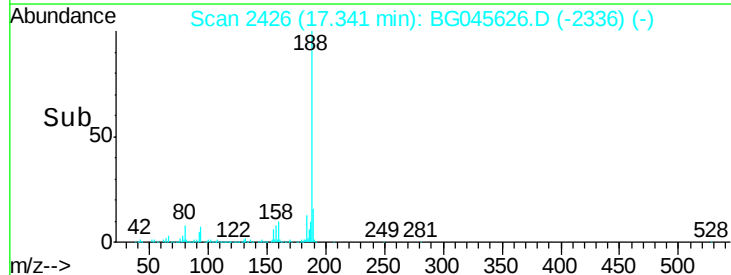
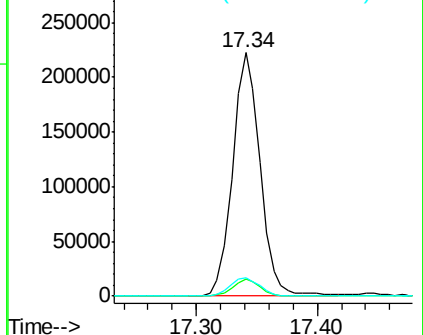
80 7.8 6.6 10.0

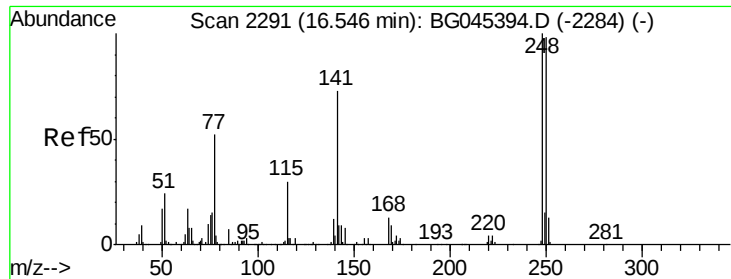


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

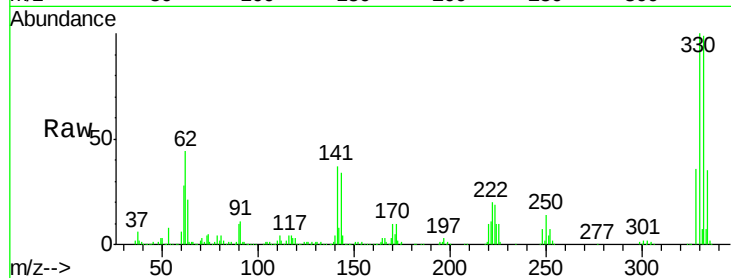




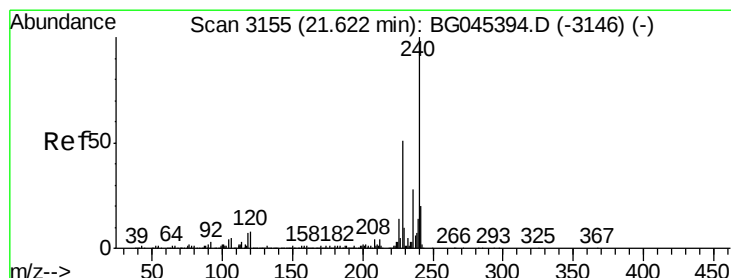
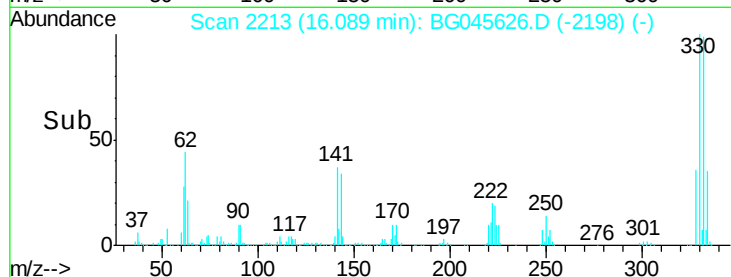
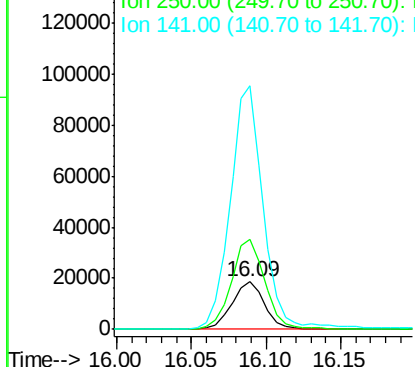
#67
4-Bromophenyl-phenylether
Concen: 7.523 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.44 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:248 Resp: 28740
Ion Ratio Lower Upper
248 100
250 189.1 78.6 117.8#
141 512.4 58.2 87.2#

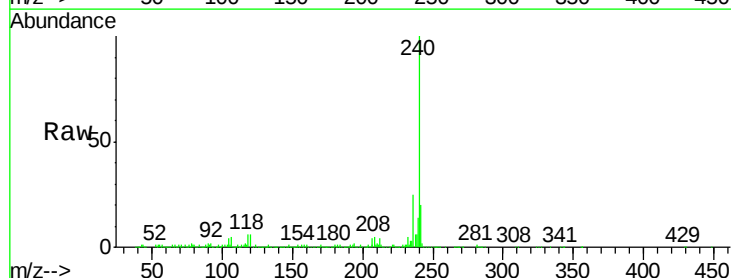


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

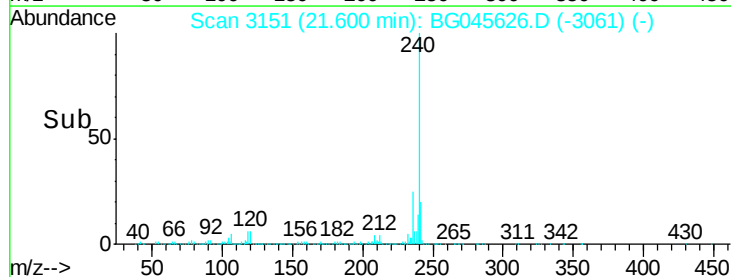
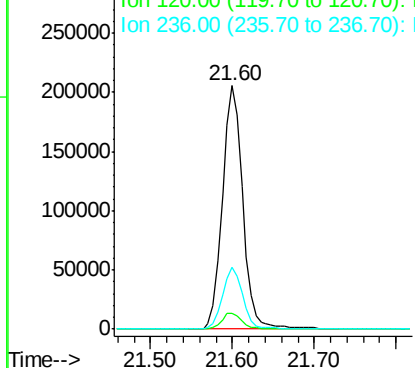


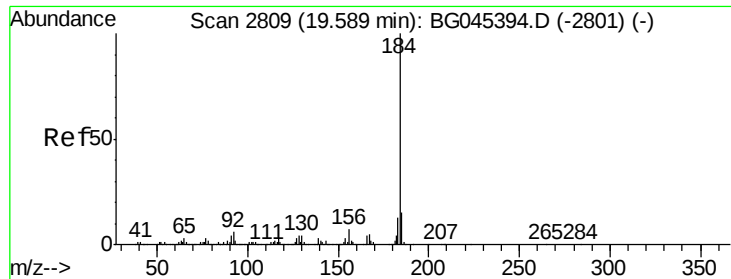
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045626.D
Acq: 5 Jun 2020 21:34

Tgt Ion:240 Resp: 356603
Ion Ratio Lower Upper
240 100
120 6.4 6.1 9.1
236 25.2 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





#77

Benzidine

Concen: 4.098 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

Instrument :

BNA_G

ClientSampleId :

MW-3

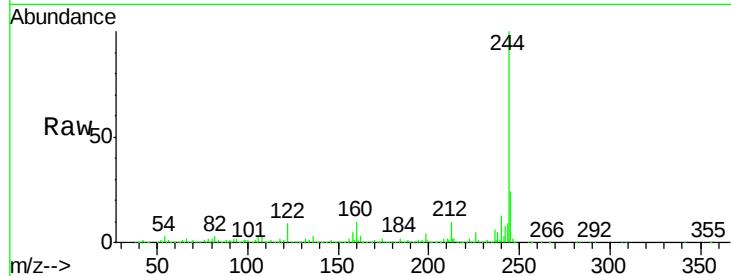
Tot Ion:184 Resp: 41038

Ion Ratio Lower Upper

184 100

185 17.0 11.7 17.5

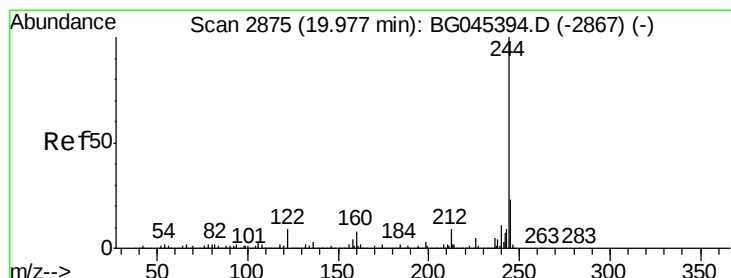
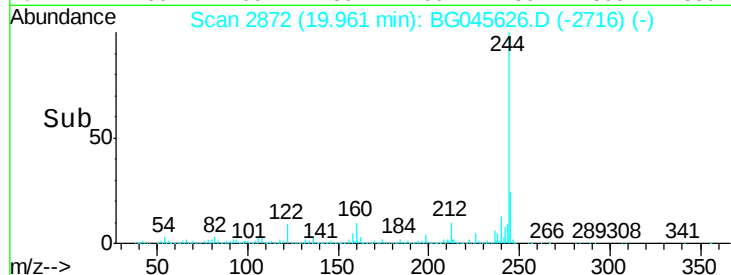
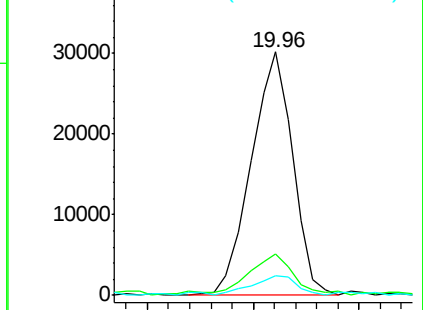
183 8.2 10.2 15.4#



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: 133.081 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045626.D

Acq: 5 Jun 2020 21:34

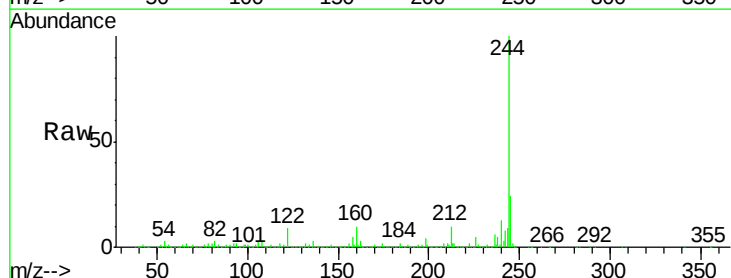
Tgt Ion:244 Resp: 2034779

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

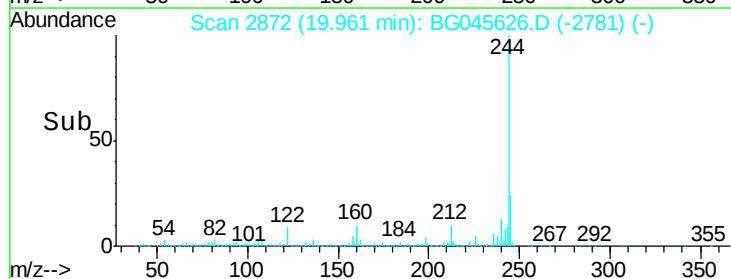
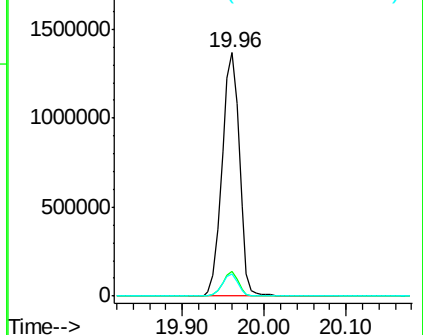
122 8.9 6.8 10.2

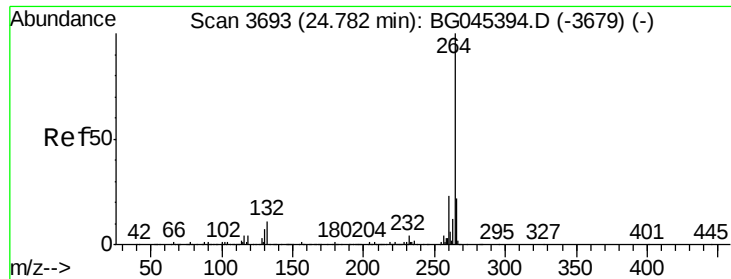


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG045626.D
 Acq: 5 Jun 2020 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:	264	Resp:	380603
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.3	17.6	26.4

