

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045776.D
 Acq On : 16 Jun 2020 17:21
 Operator : CG/JU
 Sample : L2808-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120

Quant Time: Jun 16 18:19:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

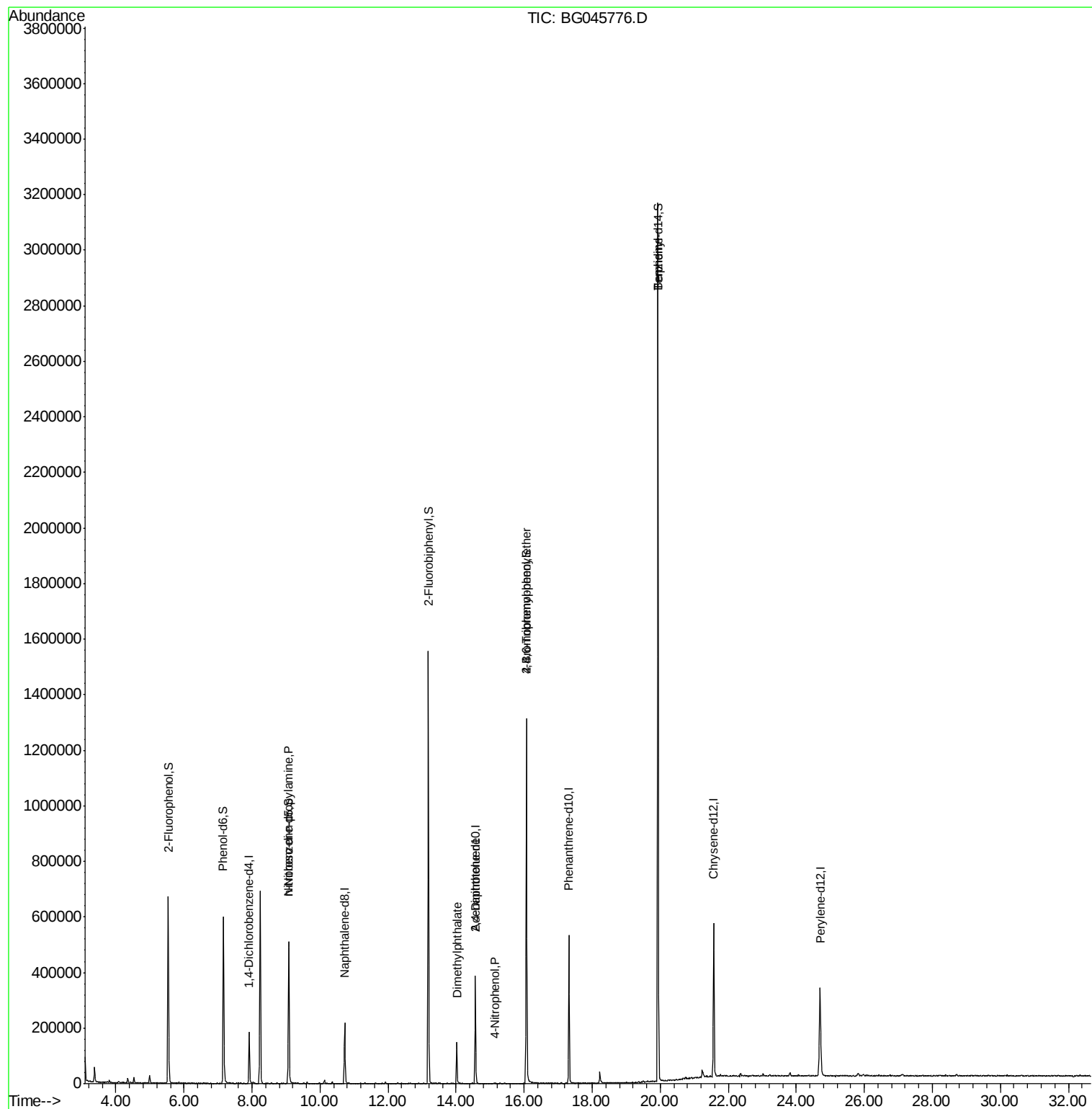
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52775	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	199838	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	144339	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	351245	20.00	ng	0.00
76) Chrysene-d12	21.57	240	358206	20.00	ng	0.00
86) Perylene-d12	24.70	264	379460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	326321	104.45	ng	0.00
7) Phenol-d6	7.16	99	397195	83.58	ng	0.00
23) Nitrobenzene-d5	9.08	82	351705	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	279310	128.17	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	836306	85.15	ng	0.00
79) Terphenyl-d14	19.94	244	1547327	87.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	50757	16.246	ng	Qvalue
50) Dimethylphthalate	14.02	163	100766	8.911	ng	# 81
56) 4-Nitrophenol	15.14	139	63	4.006	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	19334	5.313	ng	# 24
67) 4-Bromophenyl-phenylether	16.07	248	18085	3.963	ng	# 1
77) Benzidine	19.94	184	29392	3.156	ng	# 86

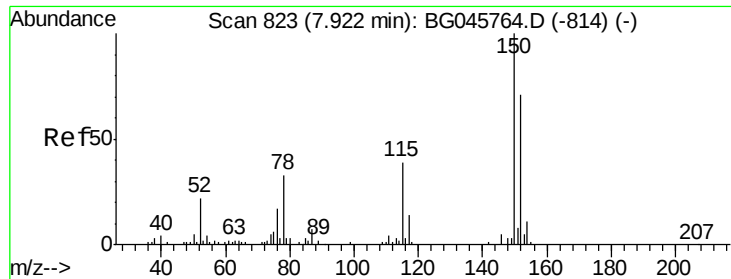
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



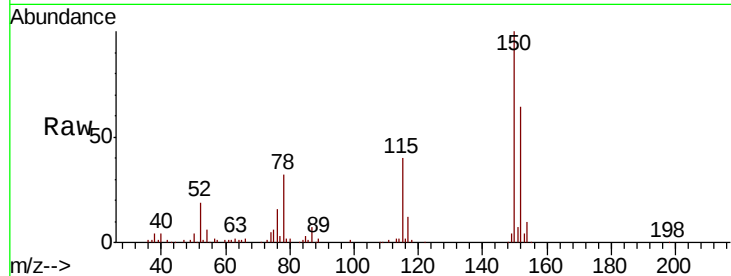


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	113.1	169.7
115	63.1	43.8	65.6

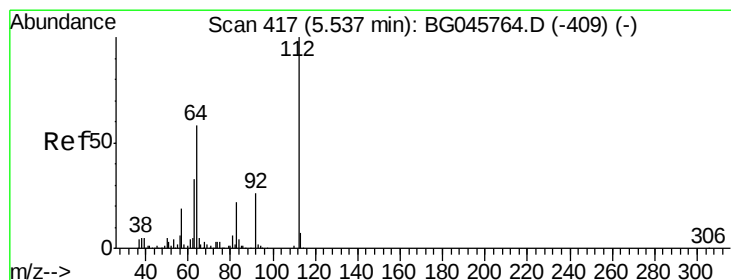
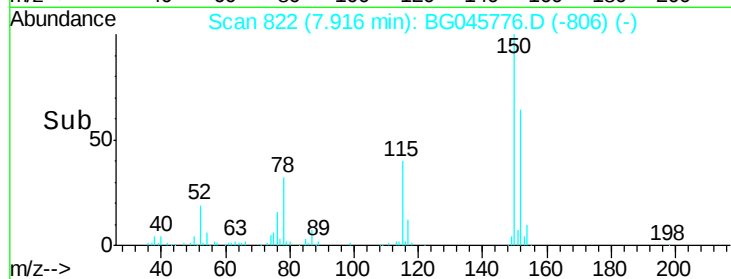
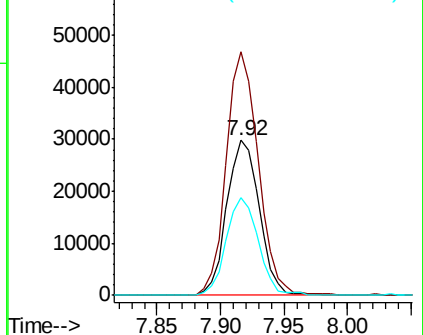


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

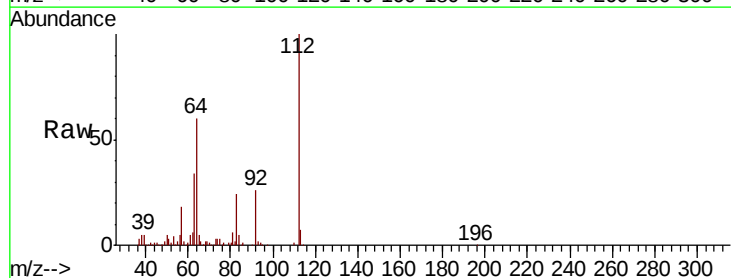
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.450 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.6	69.8
63	33.5	26.3	39.5

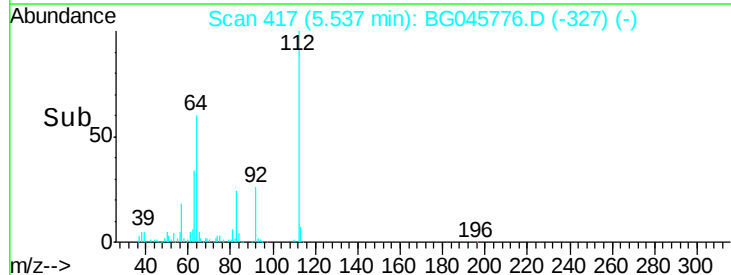
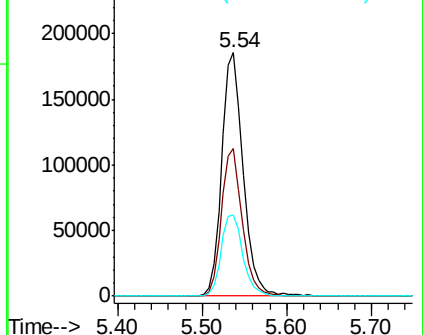


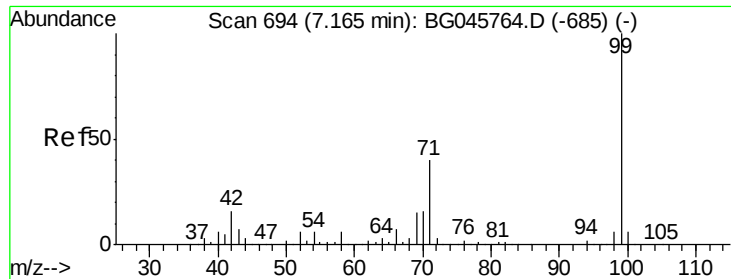
Abundance

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: 83.582 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

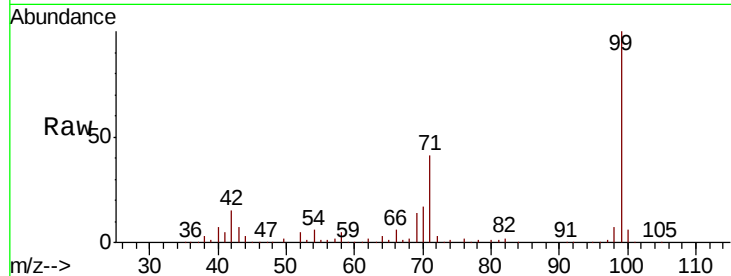
Tot Ion: 99 Resp: 397195

Ion Ratio Lower Upper

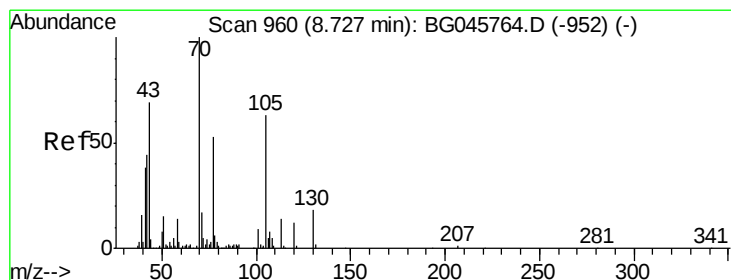
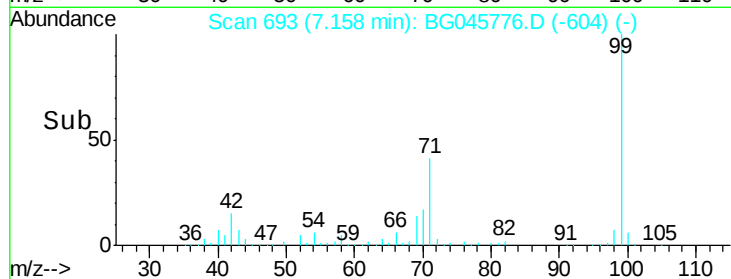
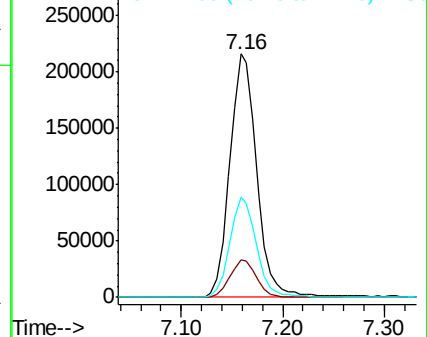
99 100

42 15.5 12.4 18.6

71 41.3 32.1 48.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.246 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Tgt Ion: 70 Resp: 50757

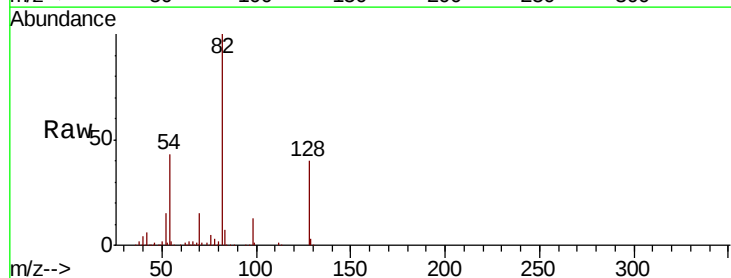
Ion Ratio Lower Upper

70 100

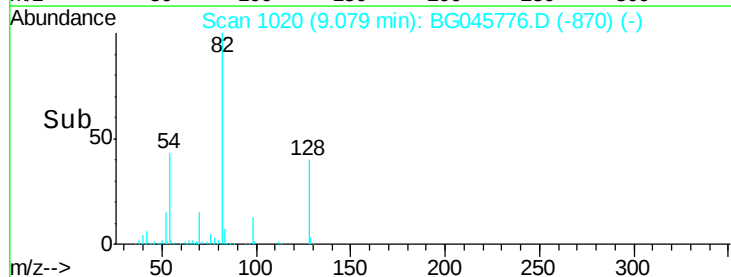
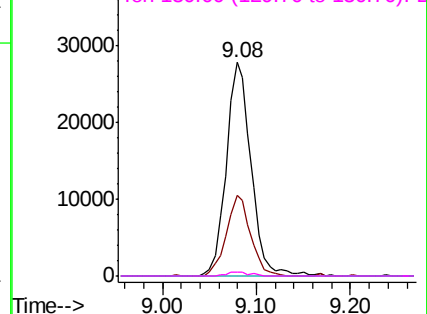
42 37.5 35.1 52.7

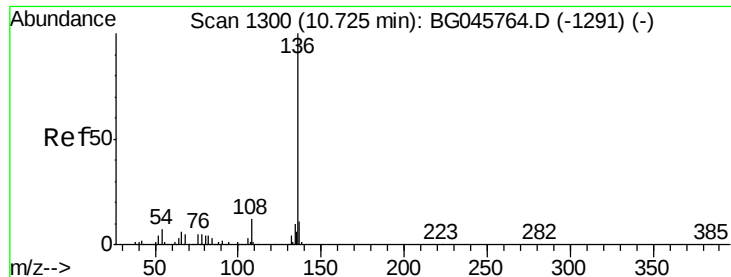
101 0.0 7.4 11.0#

130 1.7 14.6 21.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

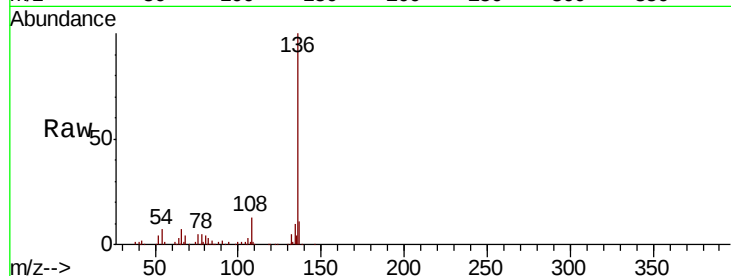




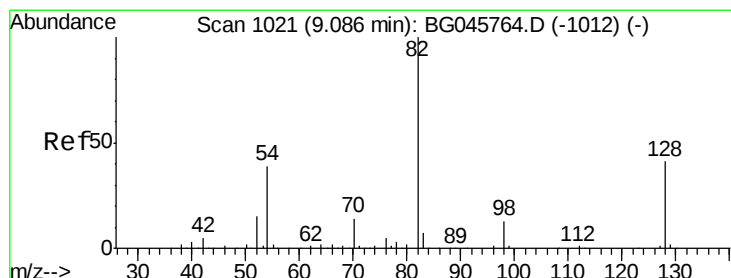
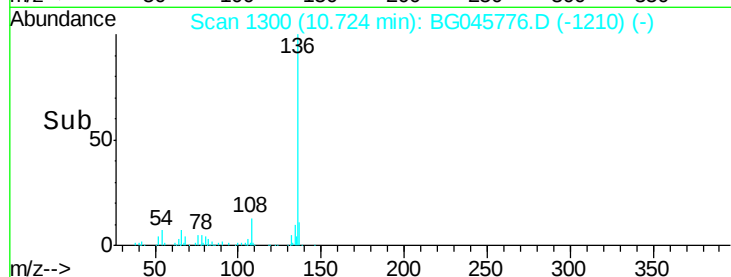
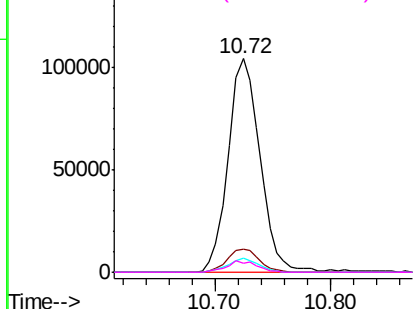
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tot Ion:136	Resp:	199838
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	6.7	5.8 8.6
68	4.2	4.0 6.0

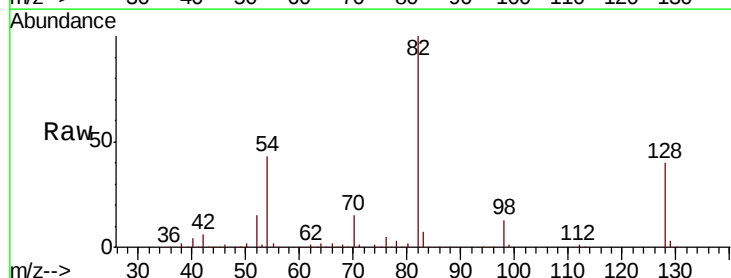


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

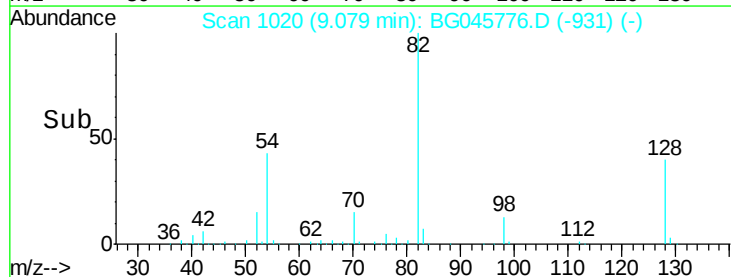
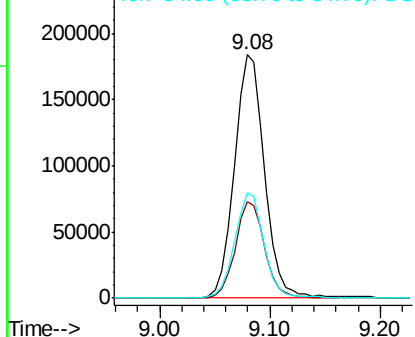


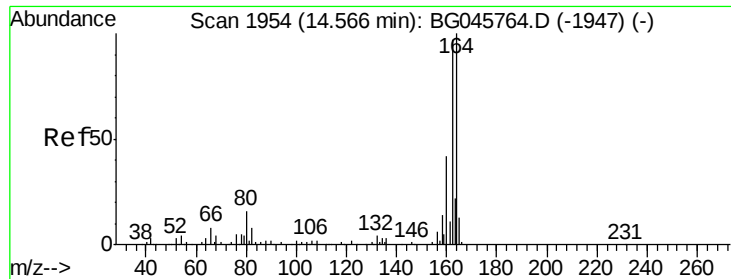
#23
Nitrobenzene-d5
Concen: 80.401 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Tgt Ion: 82	Resp:	351705
Ion	Ratio	Lower Upper
82	100	
128	39.6	32.5 48.7
54	43.4	31.2 46.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

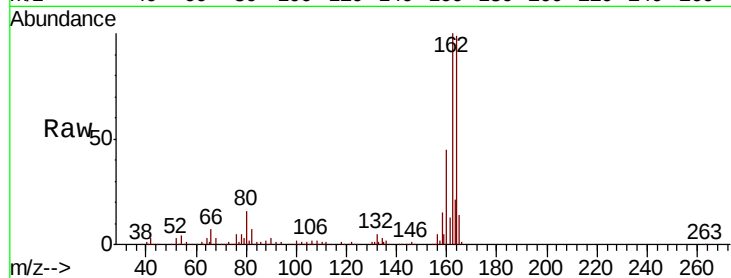
Tot Ion:164 Resp: 144339

Ion Ratio Lower Upper

164 100

162 101.3 77.4 116.0

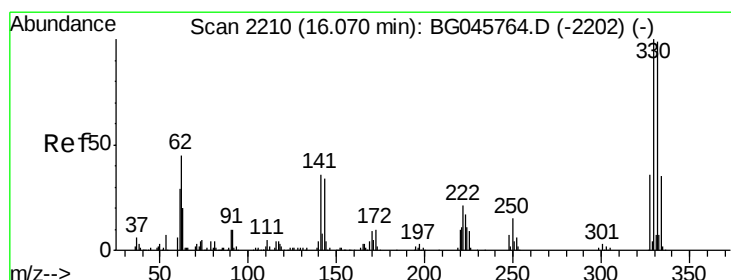
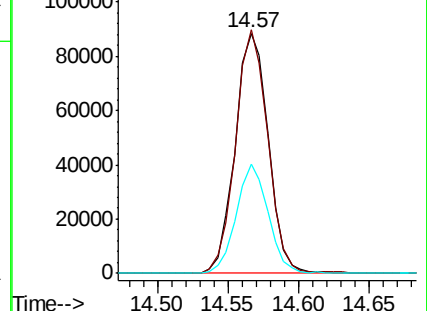
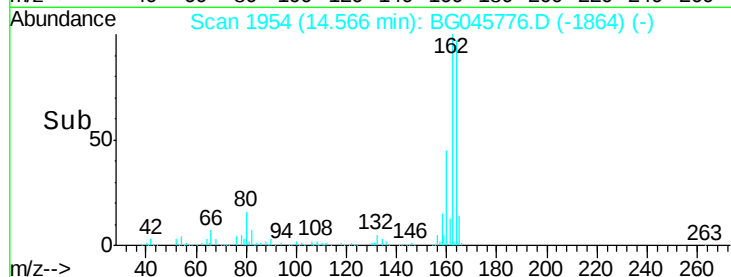
160 45.6 33.3 49.9



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: 128.174 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

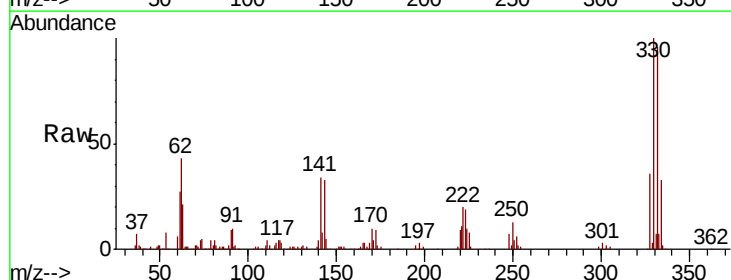
Tgt Ion:330 Resp: 279310

Ion Ratio Lower Upper

330 100

332 98.5 78.6 117.8

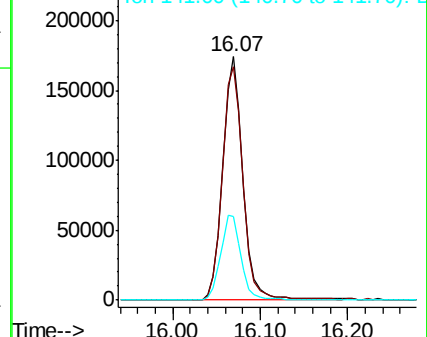
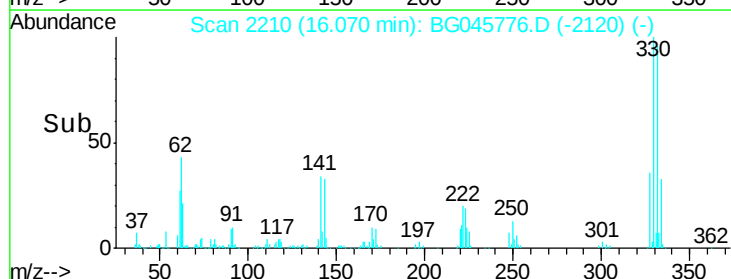
141 35.1 28.2 42.4

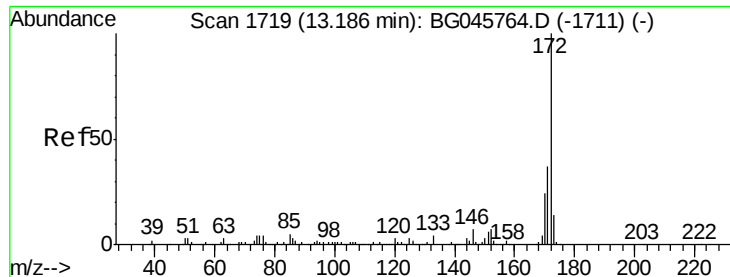


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

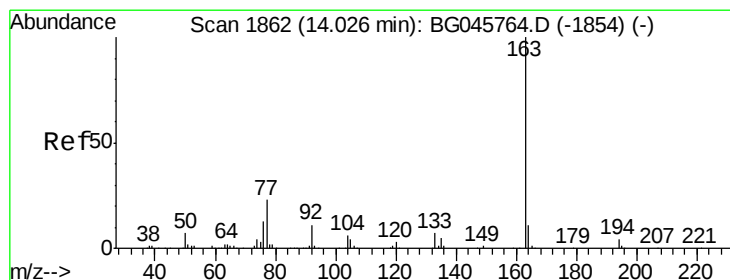
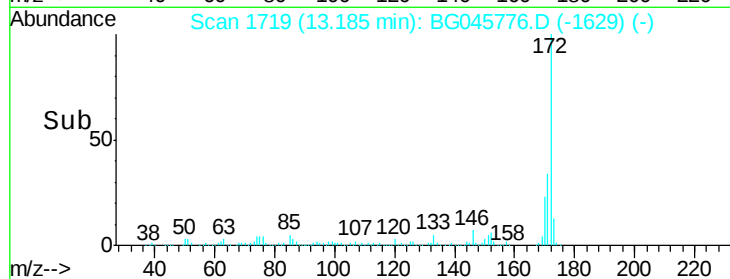
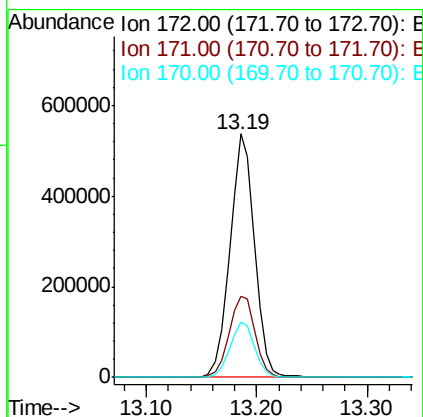
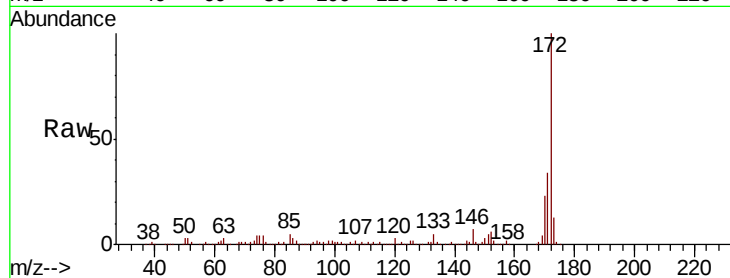




#45
2-Fluorobiphenyl
Concen: 85.147 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

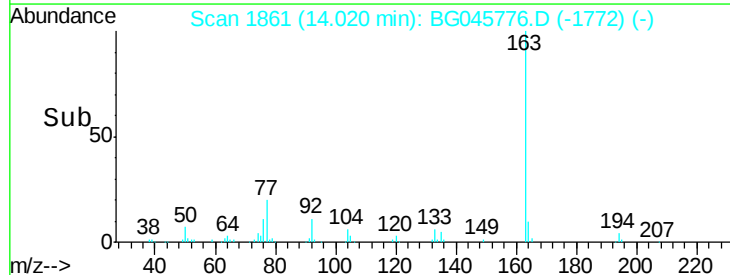
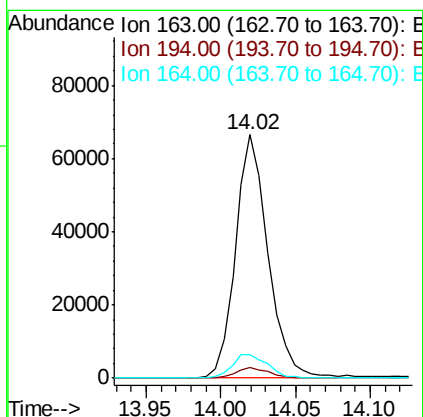
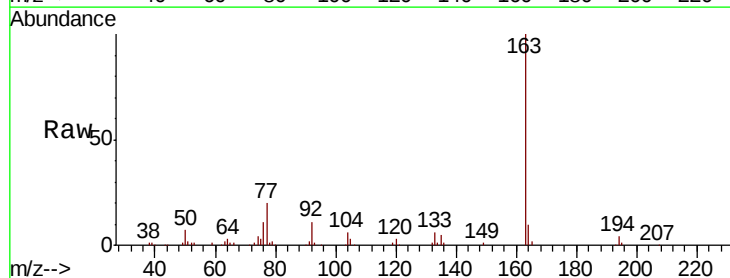
Instrument :
BNA_G
ClientSampleId :
HR-06-061120

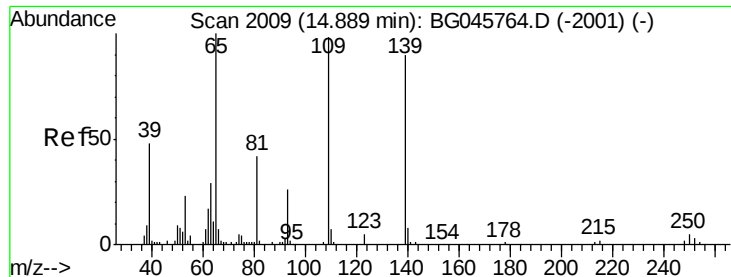
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.9	44.9
170	22.8	19.3	28.9



#50
Dimethylphthalate
Concen: 8.911 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.8	8.9	13.3





#56

4-Nitrophenol

Concen: 4.006 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.25 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

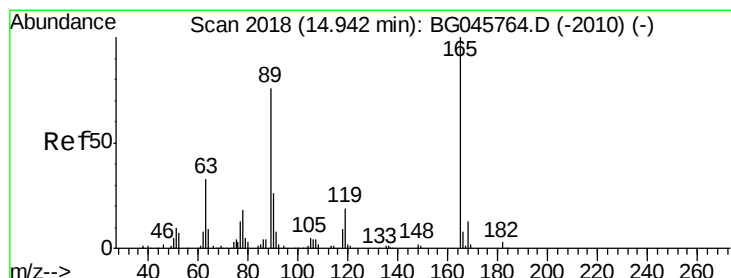
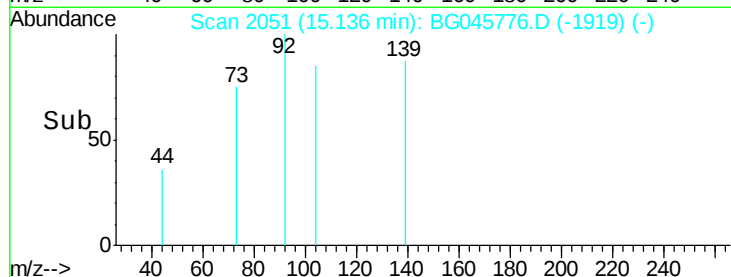
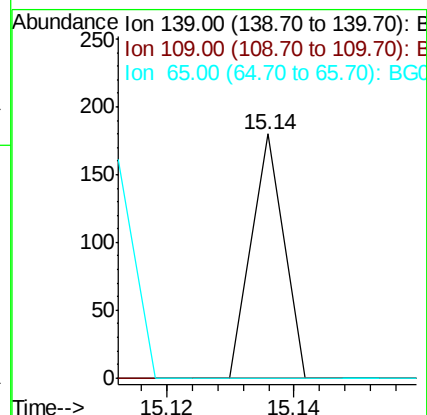
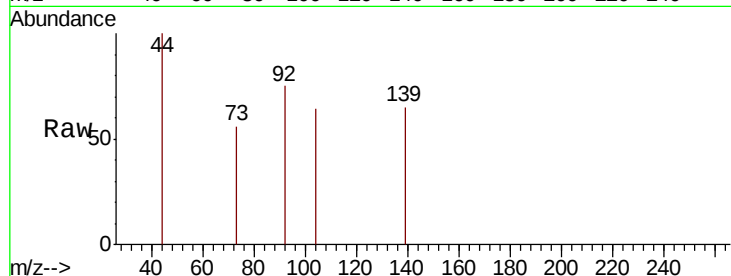
Tot Ion:139 Resp: 63

Ion Ratio Lower Upper

139 100

109 0.0 88.9 128.9#

65 0.0 92.3 132.3#



#57

2,4-Dinitrotoluene

Concen: 5.313 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.38 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Tgt Ion:165 Resp: 19334

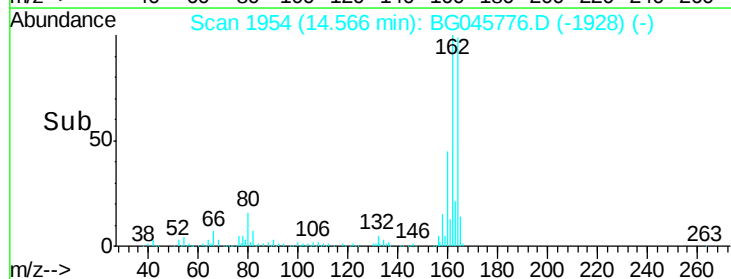
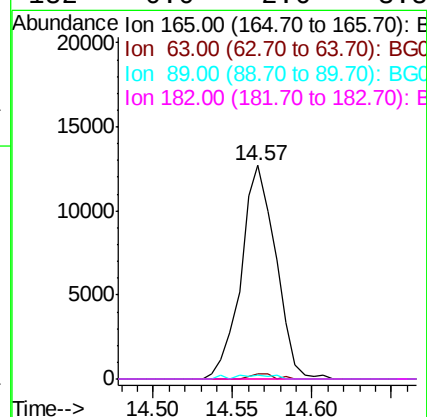
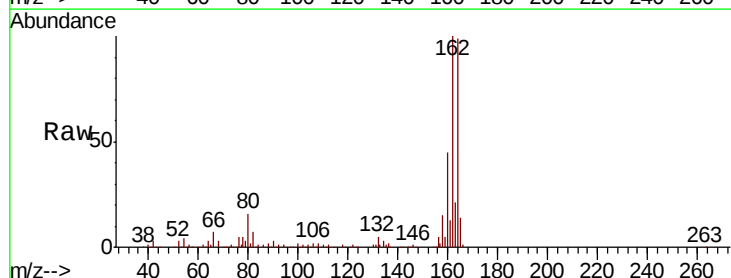
Ion Ratio Lower Upper

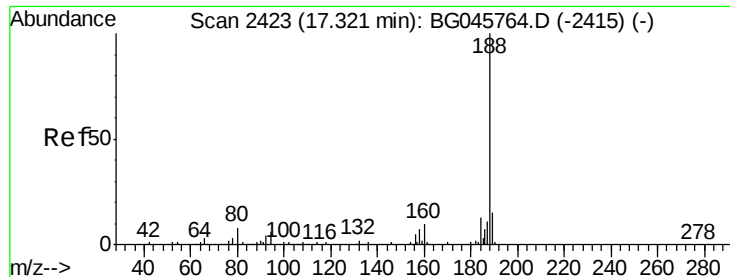
165 100

63 2.4 33.8 50.8#

89 1.9 60.4 90.6#

182 0.0 2.6 3.8#

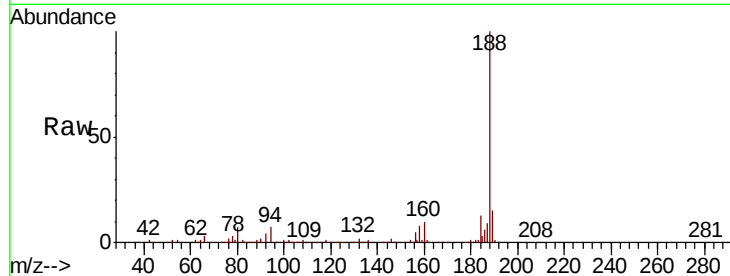




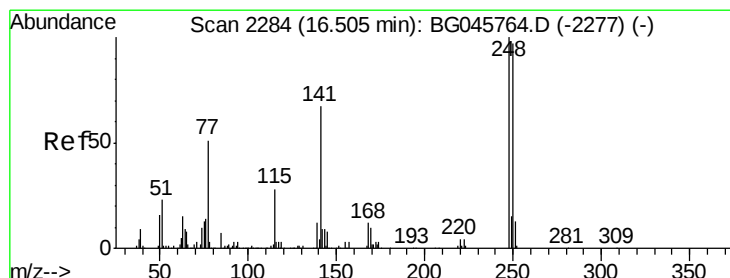
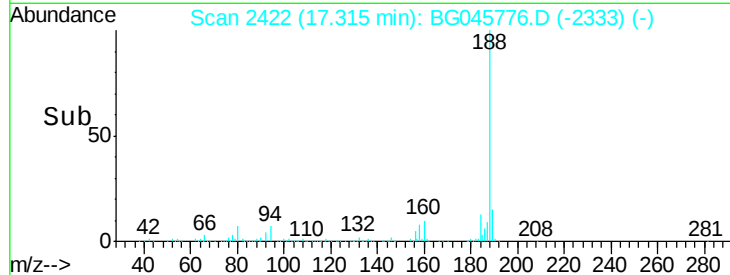
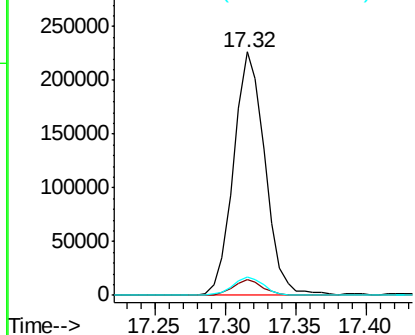
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tot Ion:188 Resp: 351245
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 7.3 6.2 9.4

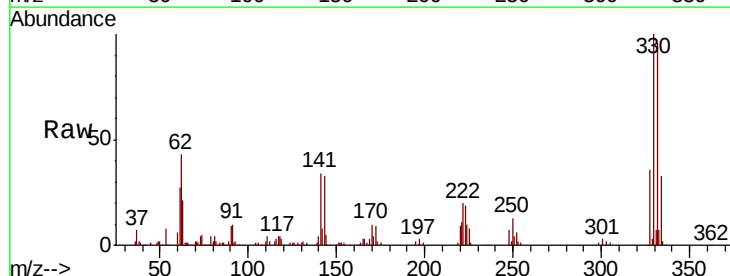


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

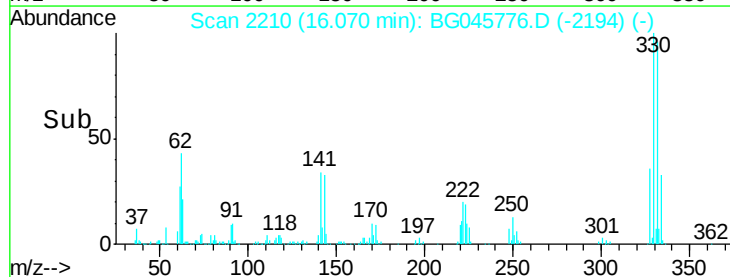
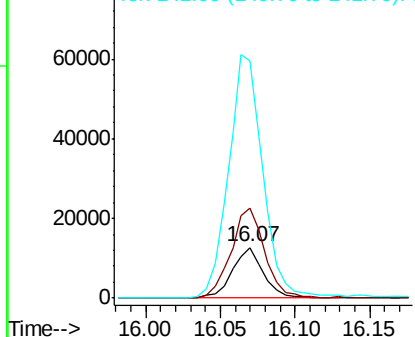


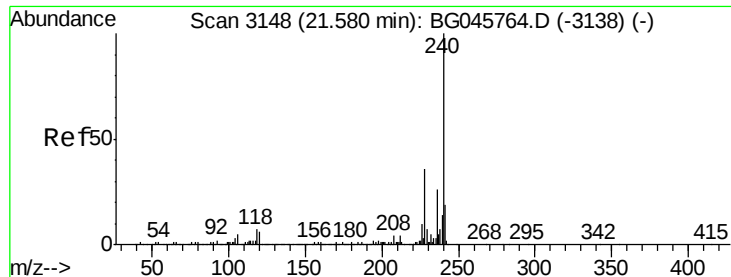
#67
4-Bromophenyl-phenylether
Concen: 3.963 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.44 min
Lab File: BG045776.D
Acq: 16 Jun 2020 17:21

Tgt Ion:248 Resp: 18085
Ion Ratio Lower Upper
248 100
250 179.1 78.0 117.0#
141 471.1 53.9 80.9#



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: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampleId :

HR-06-061120

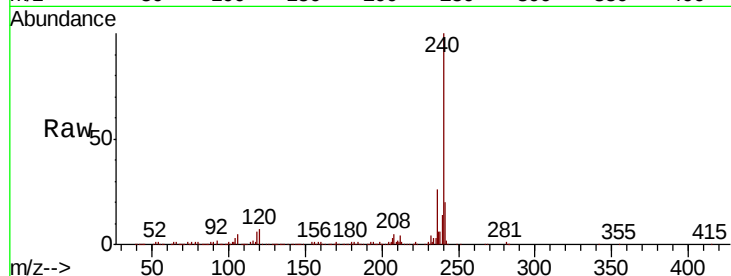
Tot Ion:240 Resp: 358206

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

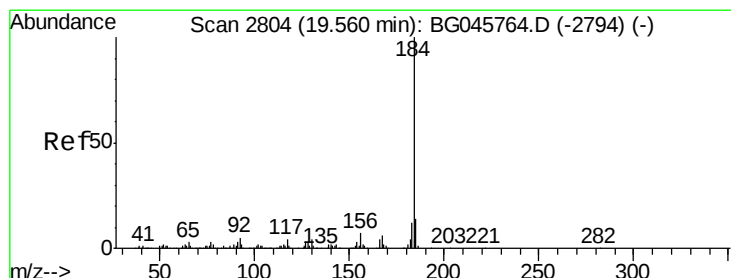
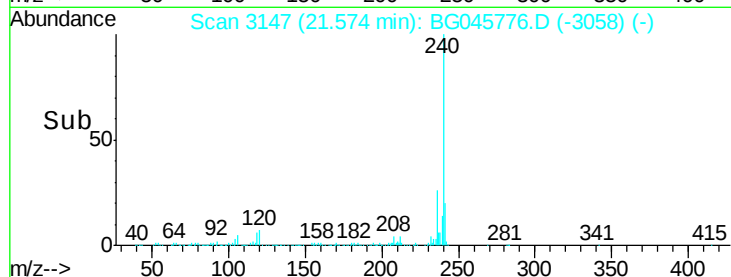
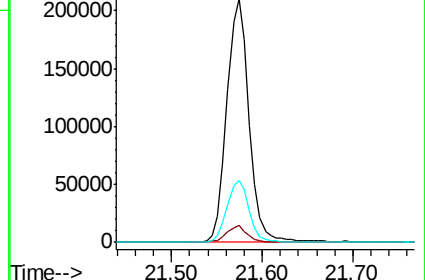
236 25.5 20.6 30.8



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: 3.156 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

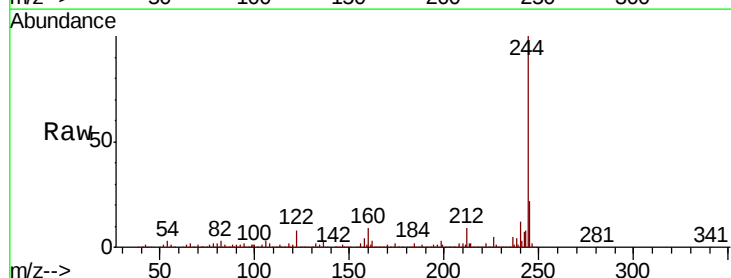
Tgt Ion:184 Resp: 29392

Ion Ratio Lower Upper

184 100

185 19.5 11.1 16.7#

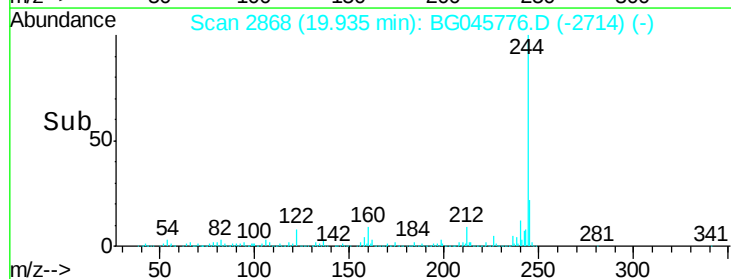
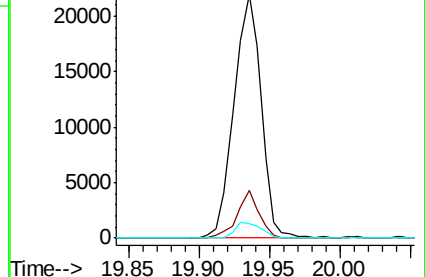
183 6.2 9.7 14.5#

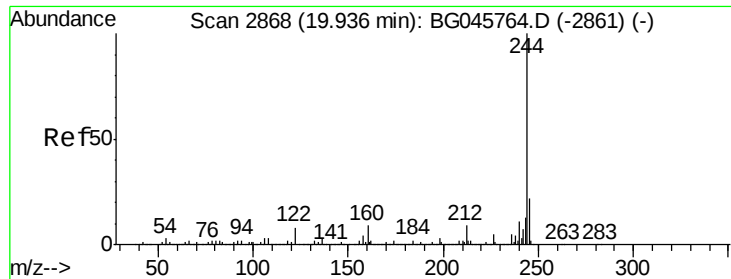


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 87.542 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

Instrument :

BNA_G

ClientSampled :

HR-06-061120

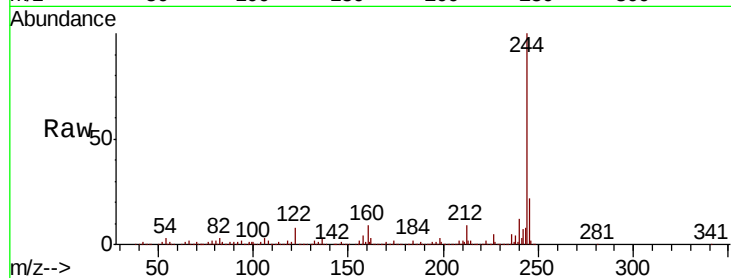
Tot Ion:244 Resp: 1547327

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

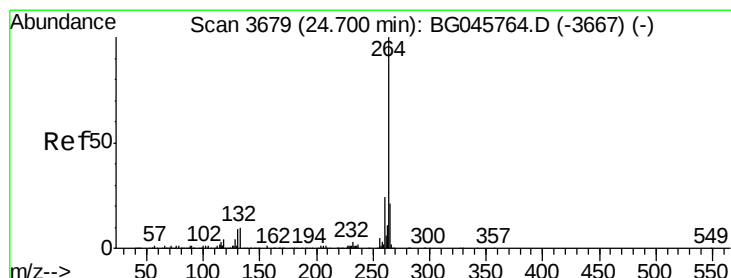
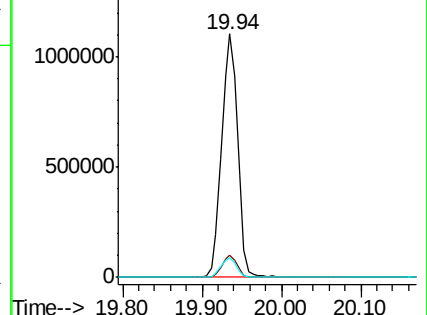
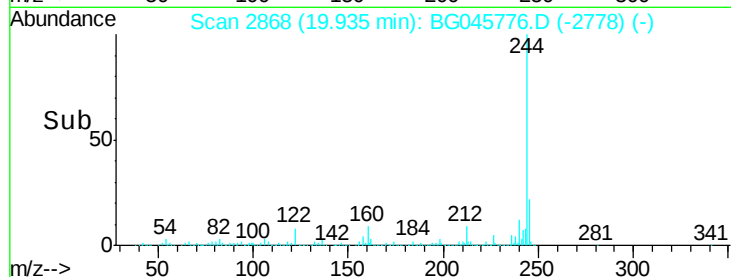
122 8.3 6.4 9.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BG045776.D

Acq: 16 Jun 2020 17:21

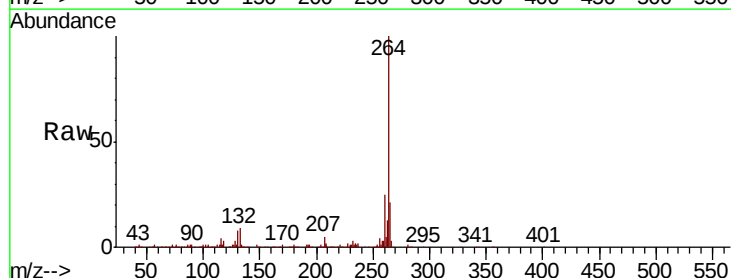
Tgt Ion:264 Resp: 379460

Ion Ratio Lower Upper

264 100

260 25.4 19.0 28.4

265 21.4 17.4 26.0



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

