

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045862.D
 Acq On : 25 Jun 2020 18:06
 Operator : CG/JU
 Sample : L3111-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-D

Quant Time: Jun 25 18:45:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

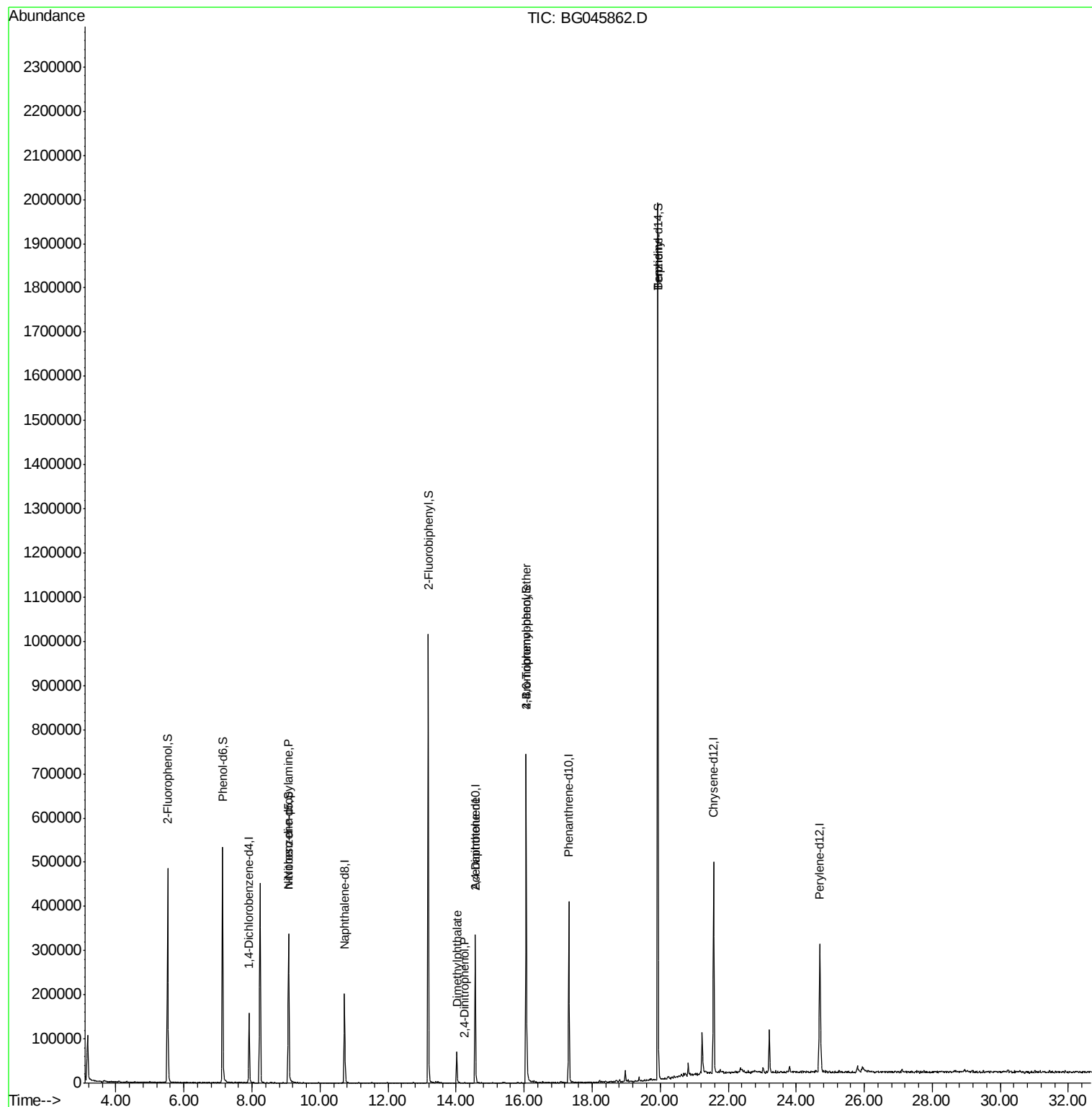
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	46280	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	186454	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	130320	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	288777	20.00	ng	0.00
76) Chrysene-d12	21.57	240	300539	20.00	ng	0.00
86) Perylene-d12	24.69	264	312980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	241293	88.07	ng	0.00
7) Phenol-d6	7.13	99	354106	84.97	ng	0.00
23) Nitrobenzene-d5	9.08	82	243729	59.72	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	168243	85.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	563494	63.54	ng	0.00
79) Terphenyl-d14	19.93	244	990255	66.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	33071	12.071	ng	Qvalue # 80
50) Dimethylphthalate	14.02	163	53473	5.238	ng	98
54) 2,4-Dinitrophenol	14.27	184	70	9.874	ng	# 17
57) 2,4-Dinitrotoluene	14.57	165	16141	4.913	ng	# 21
67) 4-Bromophenyl-phenylether	16.06	248	11177	2.979	ng	# 1
77) Benzidine	19.93	184	18125	2.320	ng	# 93

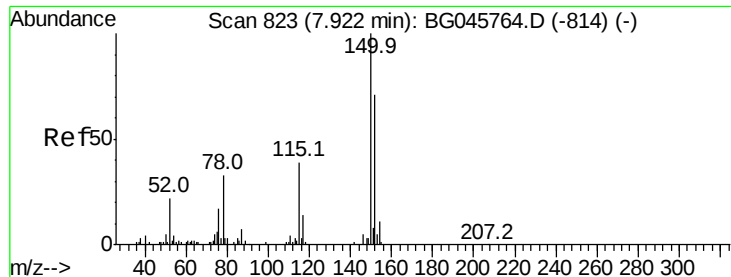
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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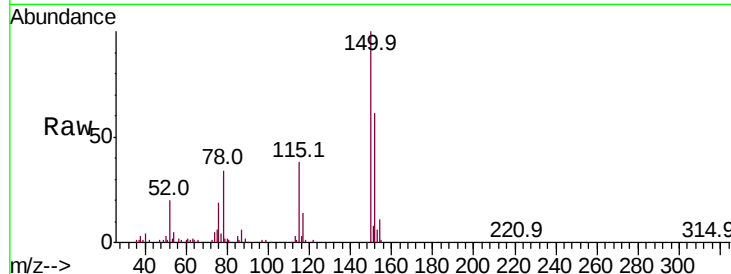


#1

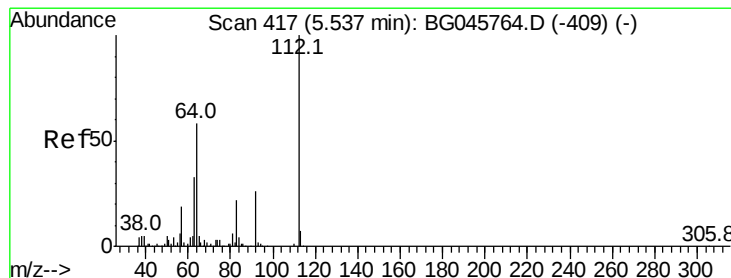
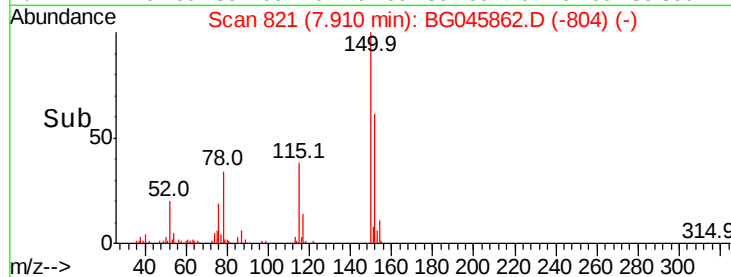
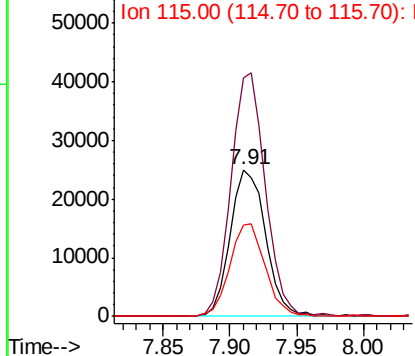
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TP-6-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	113.1	169.7
115	62.7	43.8	65.6



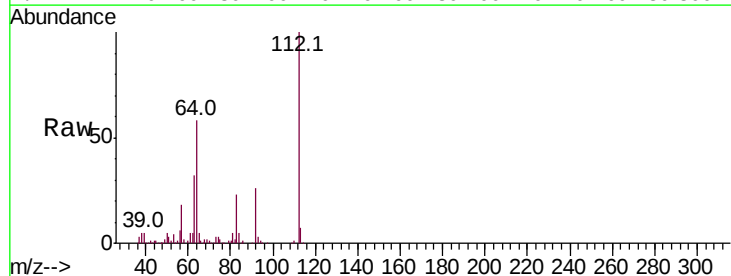
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



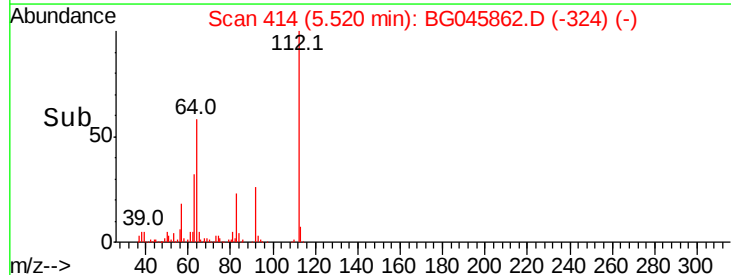
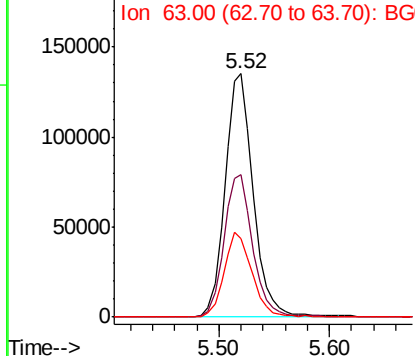
#5

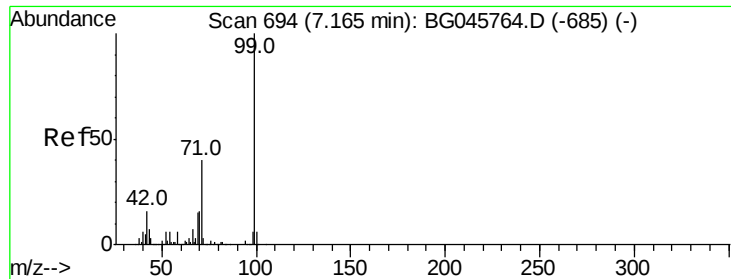
2-Fluorophenol
Concen: 88.073 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.6	69.8
63	32.0	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: 84.972 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TP-6-D

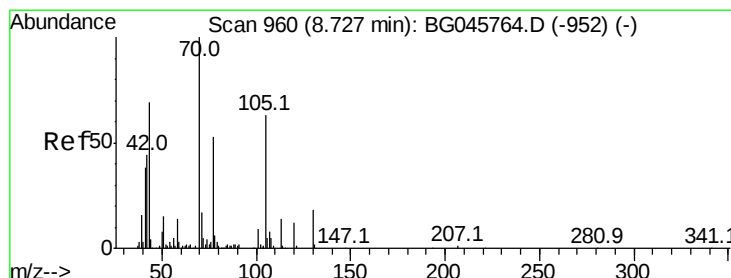
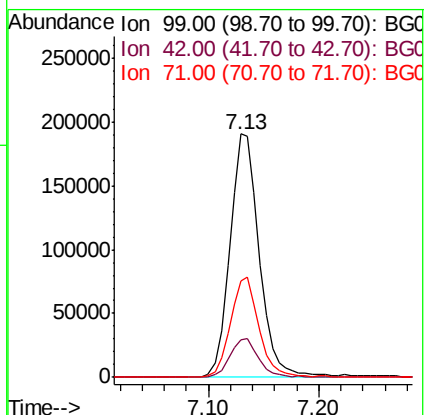
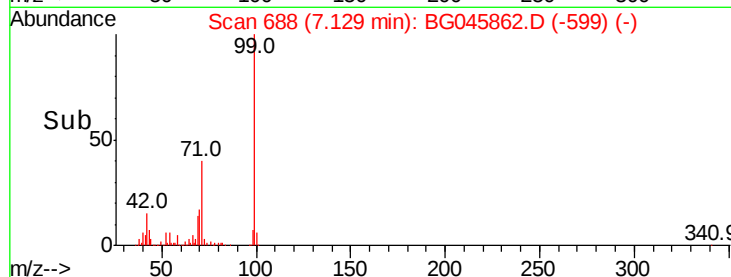
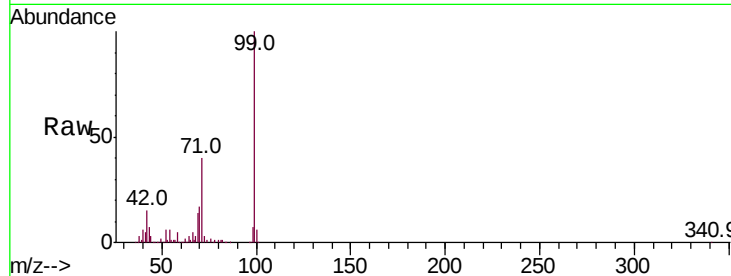
Tot Ion: 99 Resp: 354106

Ion Ratio Lower Upper

99 100

42 15.4 12.4 18.6

71 39.5 32.1 48.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.071 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Tgt Ion: 70 Resp: 33071

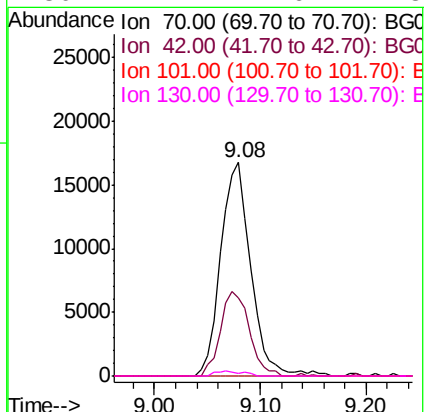
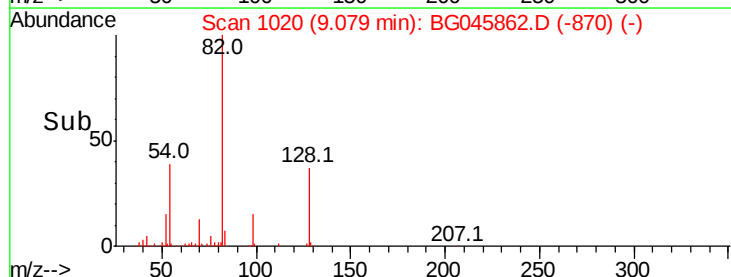
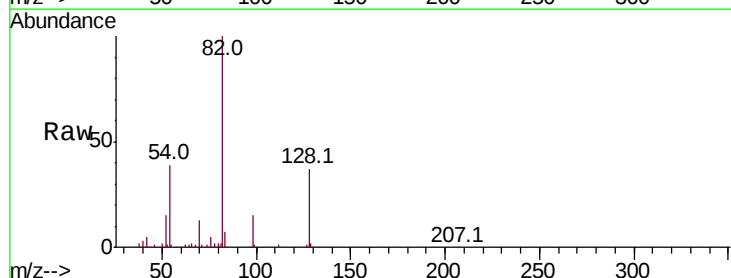
Ion Ratio Lower Upper

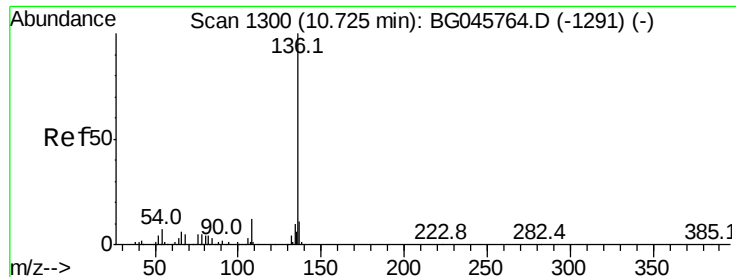
70 100

42 36.6 35.1 52.7

101 0.0 7.4 11.0#

130 1.2 14.6 21.8#

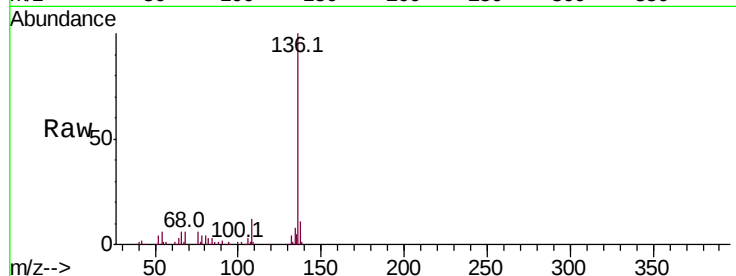




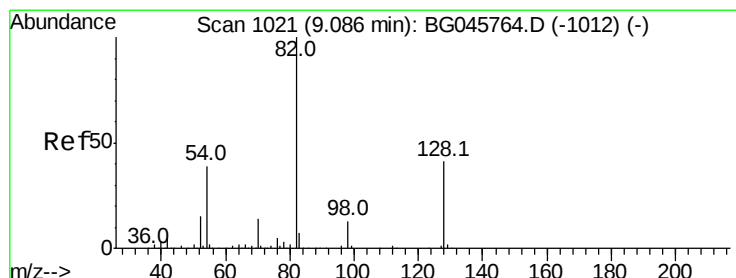
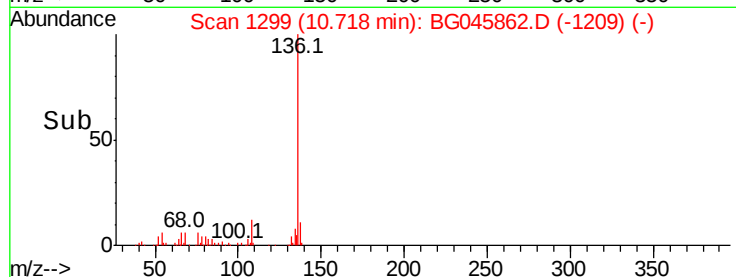
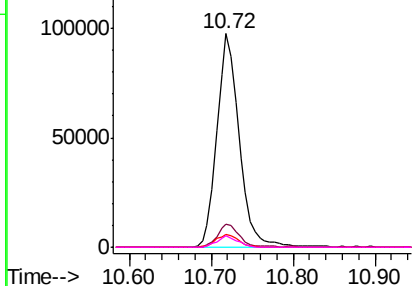
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TP-6-D

Tot Ion:136	Resp:	186454
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	5.9	5.8 8.6
68	5.5	4.0 6.0

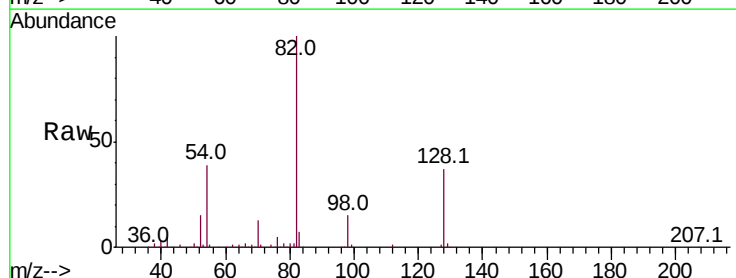


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

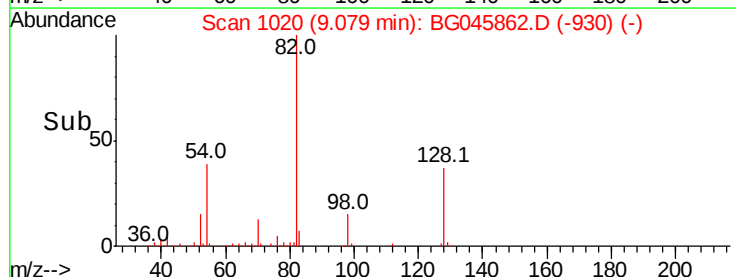
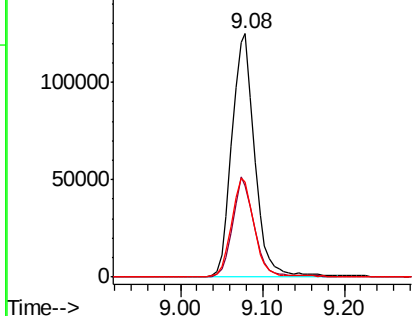


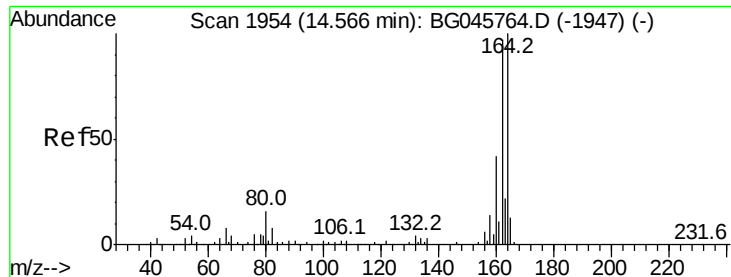
#23
Nitrobenzene-d5
Concen: 59.716 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion: 82	Resp:	243729
Ion Ratio	Lower	Upper
82	100	
128	37.5	32.5 48.7
54	39.3	31.2 46.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TP-6-D

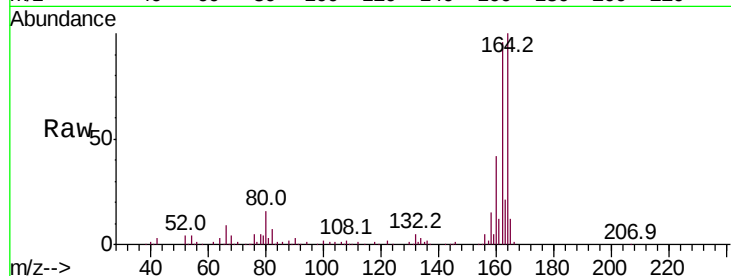
Tot Ion:164 Resp: 130320

Ion Ratio Lower Upper

164 100

162 96.4 77.4 116.0

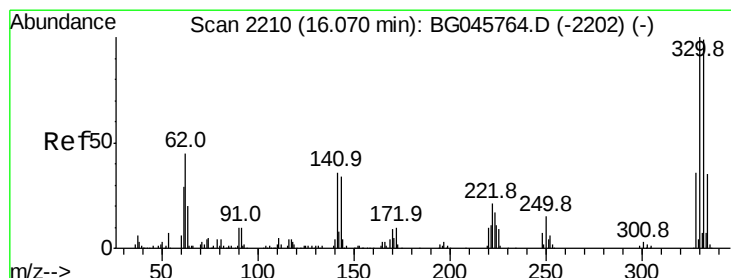
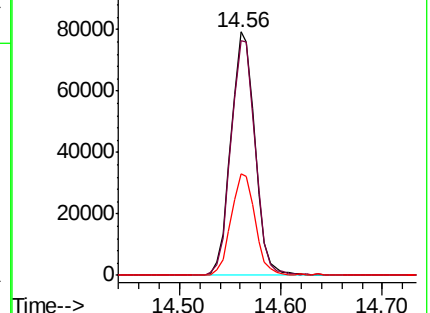
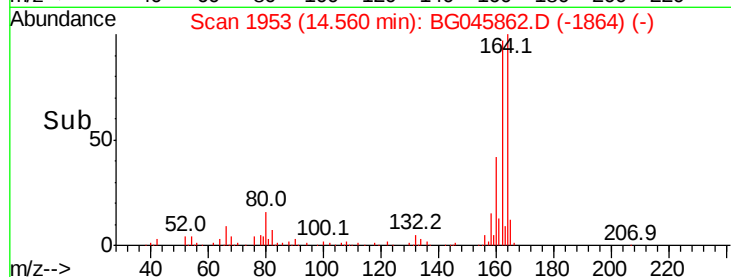
160 41.7 33.3 49.9



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: 85.511 ng

RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

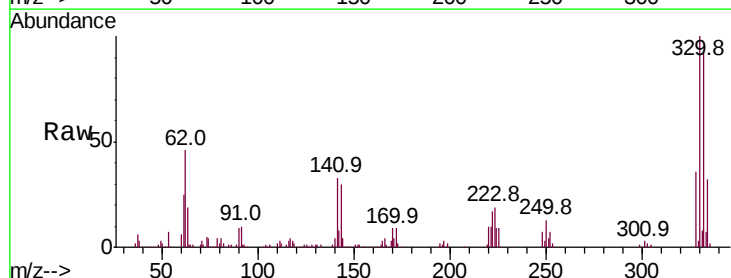
Tgt Ion:330 Resp: 168243

Ion Ratio Lower Upper

330 100

332 95.7 78.6 117.8

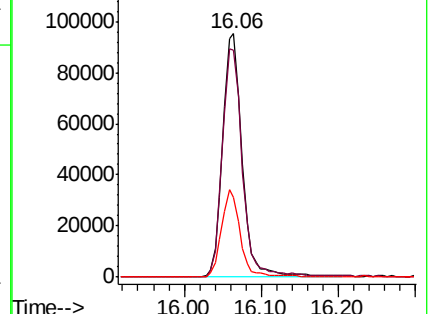
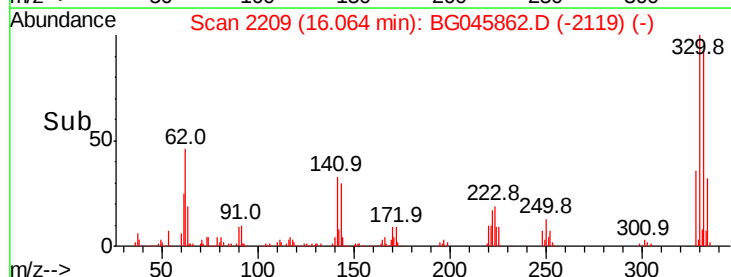
141 33.4 28.2 42.4

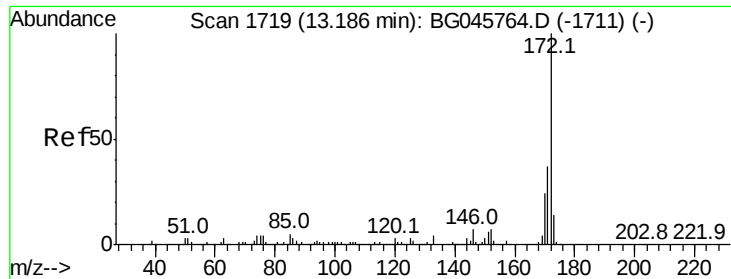


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

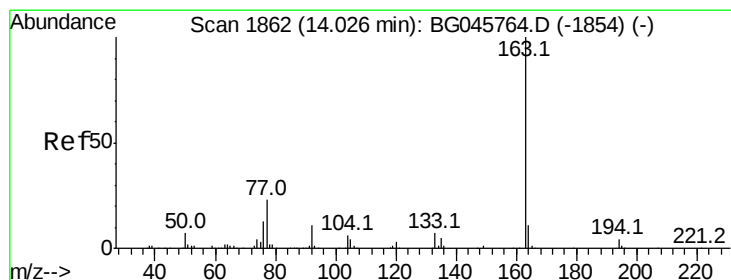
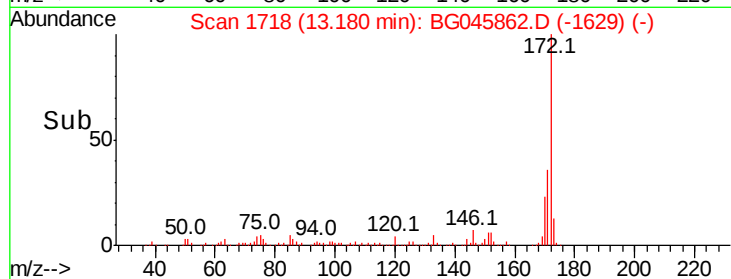
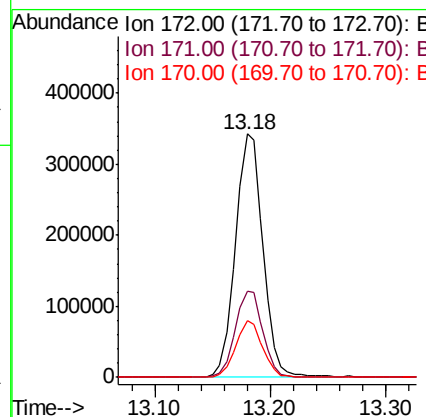
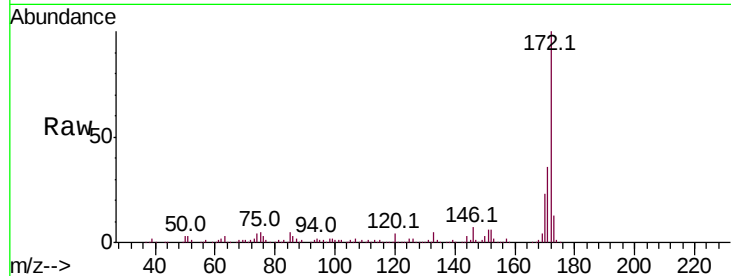




#45
2-Fluorobiphenyl
Concen: 63.543 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

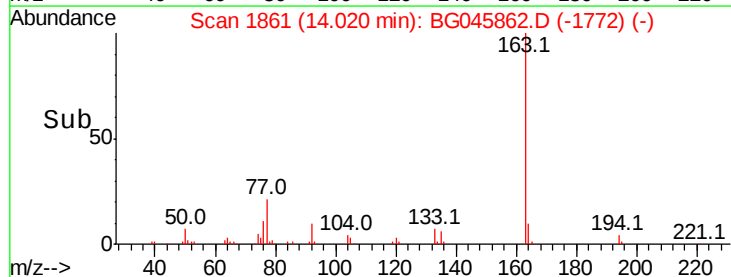
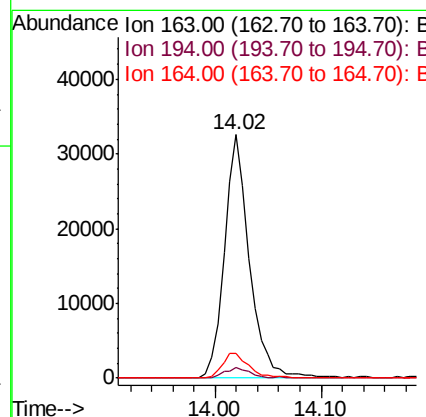
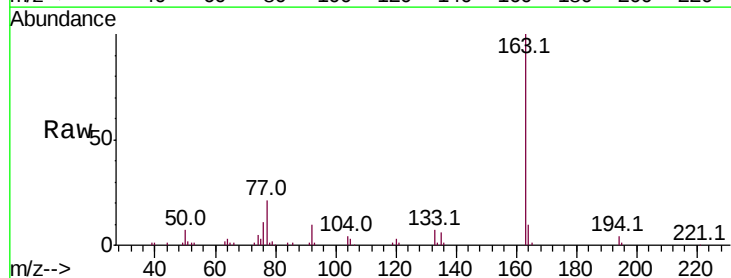
Instrument :
BNA_G
ClientSampleId :
TP-6-D

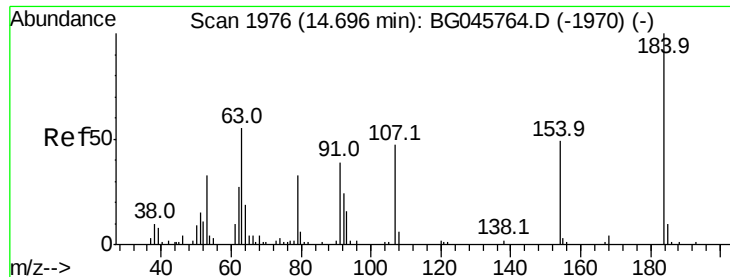
Tot Ion:172 Resp: 563494
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 23.3 19.3 28.9



#50
Dimethylphthalate
Concen: 5.238 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion:163 Resp: 53473
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.9 8.9 13.3

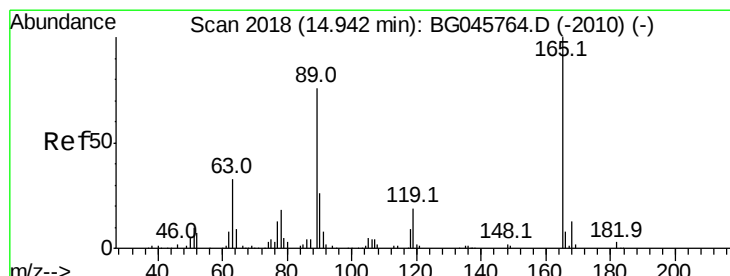
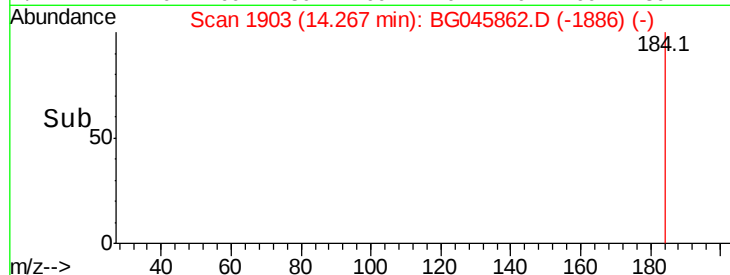
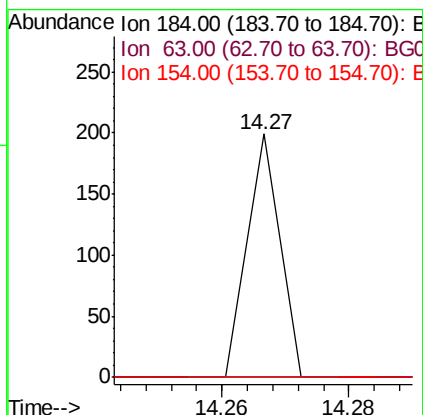
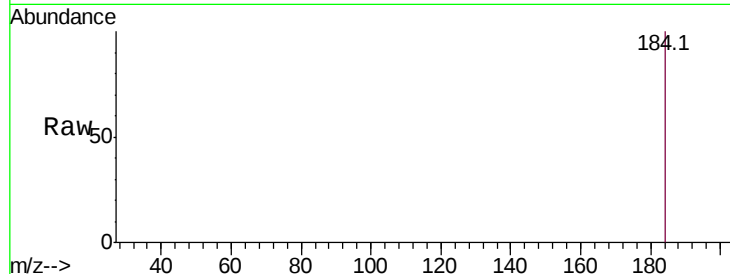




#54
 2,4-Dinitrophenol
 Concen: 9.874 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.43 min
 Lab File: BG045862.D
 Acq: 25 Jun 2020 18:06

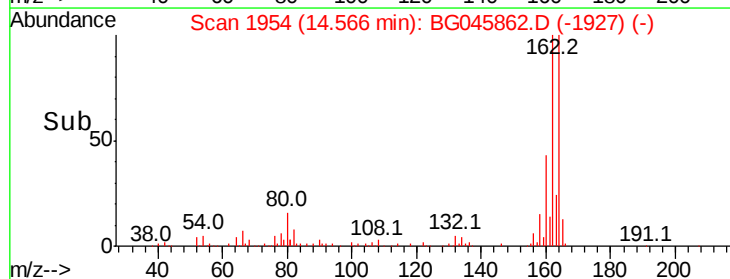
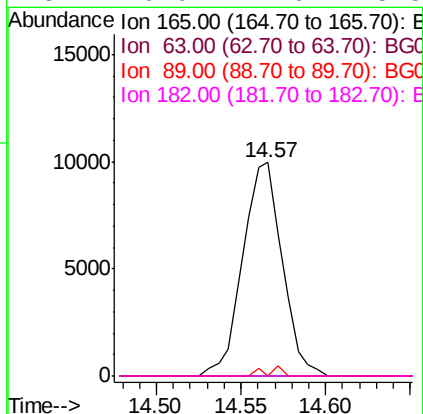
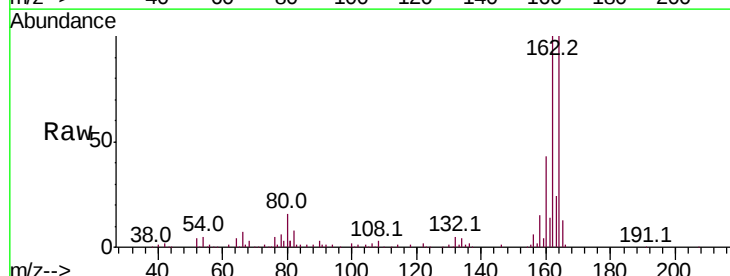
Instrument :
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 ClientSampled :
 TP-6-D

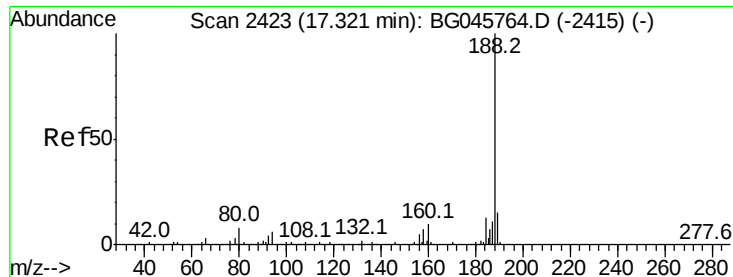
Tot Ion:184 Resp: 70
 Ion Ratio Lower Upper
 184 100
 63 0.0 46.6 70.0#
 154 0.0 58.6 87.8#



#57
 2,4-Dinitrotoluene
 Concen: 4.913 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.37 min
 Lab File: BG045862.D
 Acq: 25 Jun 2020 18:06

Tgt Ion:165 Resp: 16141
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 0.0 60.4 90.6#
 182 0.0 2.6 3.8#

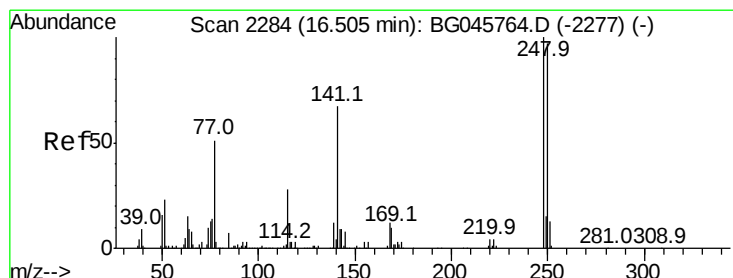
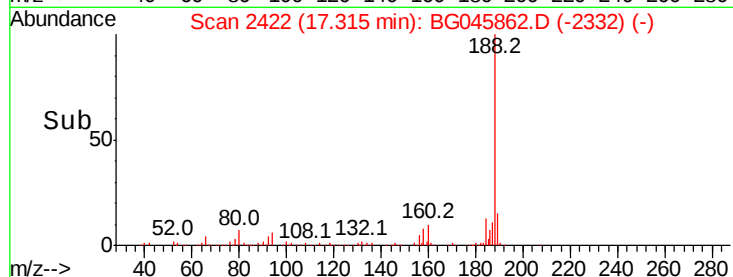
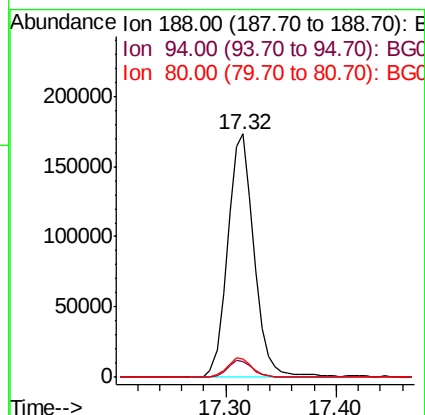
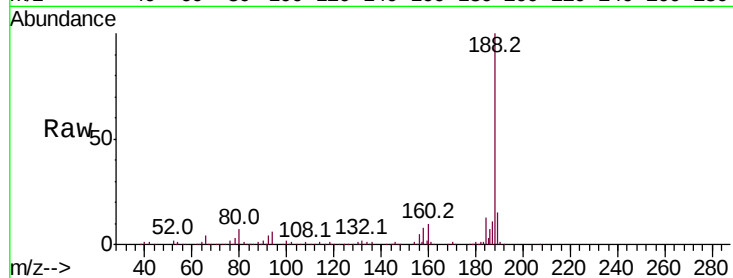




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

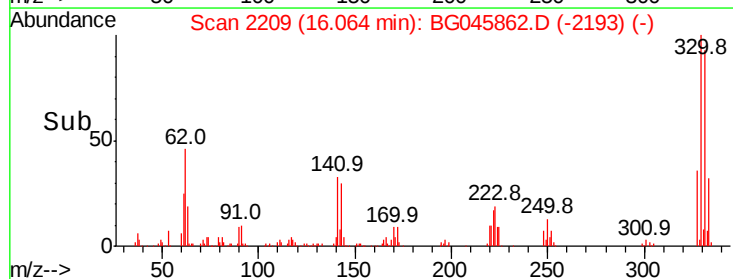
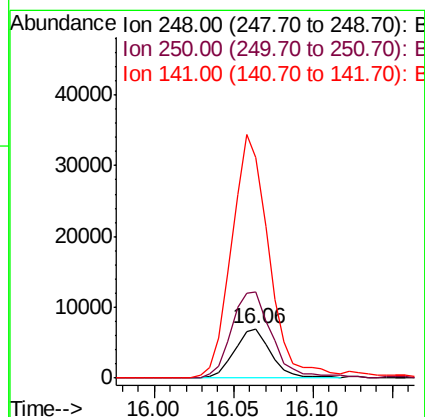
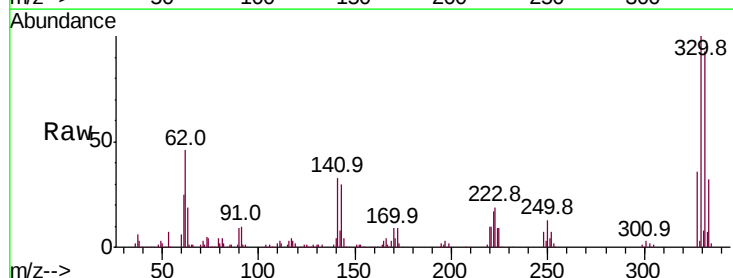
Instrument :
BNA_G
ClientSampled :
TP-6-D

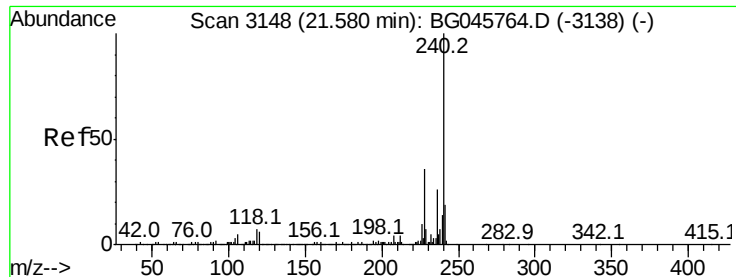
Tot Ion:188 Resp: 288777
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.5 6.2 9.4



#67
4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.43 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion:248 Resp: 11177
Ion Ratio Lower Upper
248 100
250 175.5 78.0 117.0#
141 447.0 53.9 80.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampled :

TP-6-D

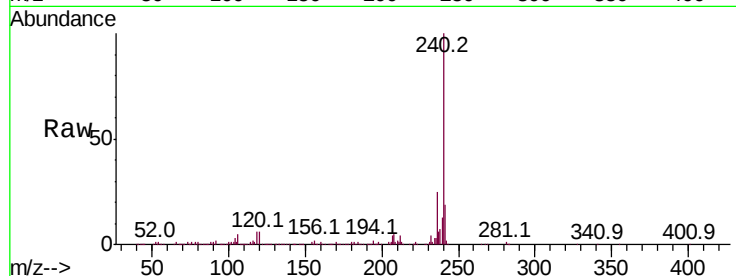
Tot Ion:240 Resp: 300539

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

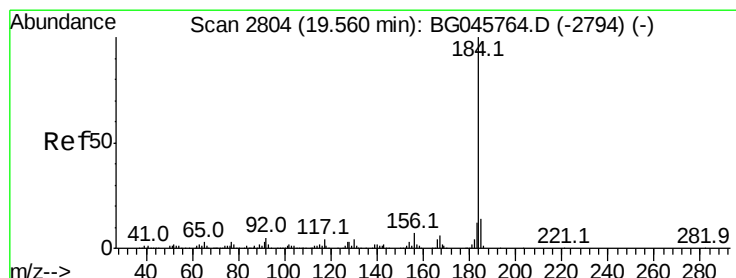
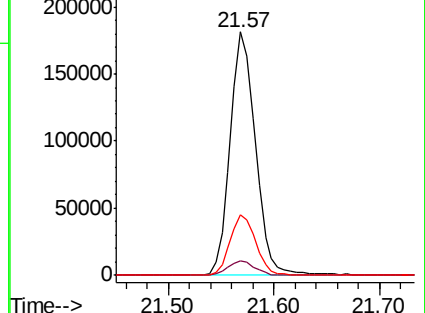
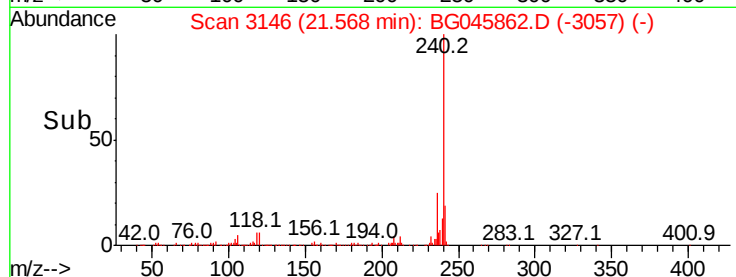
236 25.0 20.6 30.8



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: 2.320 ng

RT: 19.93 min Scan# 2867

Delta R.T. 0.38 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

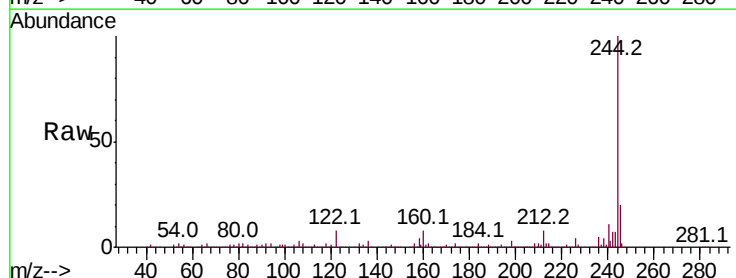
Tgt Ion:184 Resp: 18125

Ion Ratio Lower Upper

184 100

185 12.5 11.1 16.7

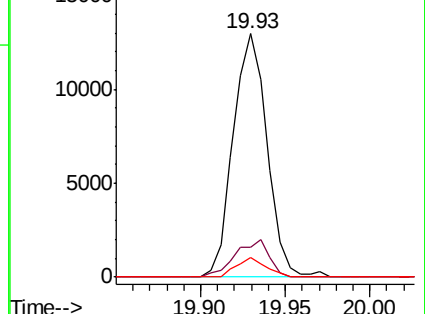
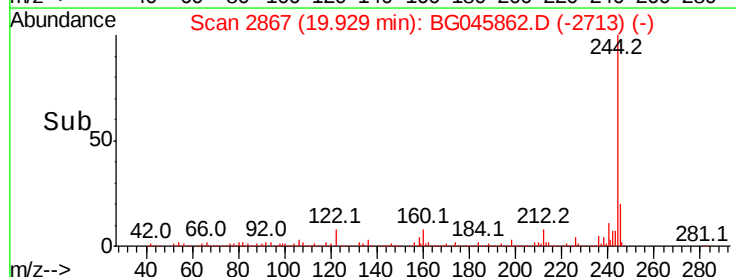
183 8.1 9.7 14.5#

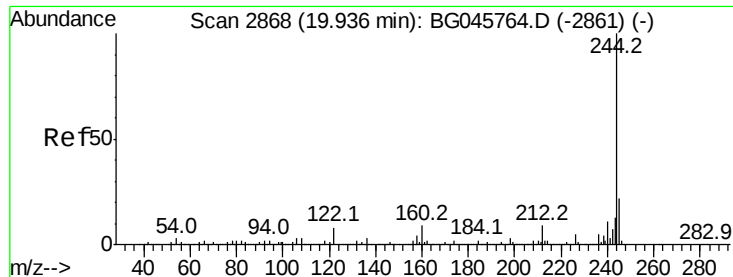


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 66.775 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TP-6-D

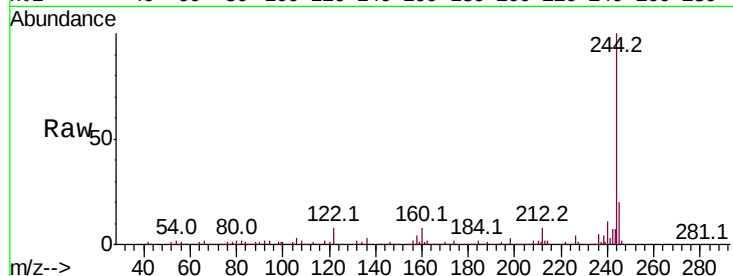
Tot Ion:244 Resp: 990255

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

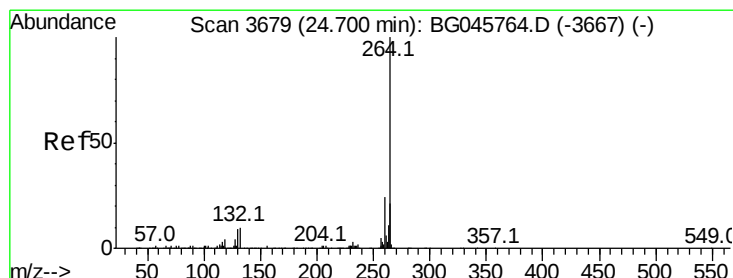
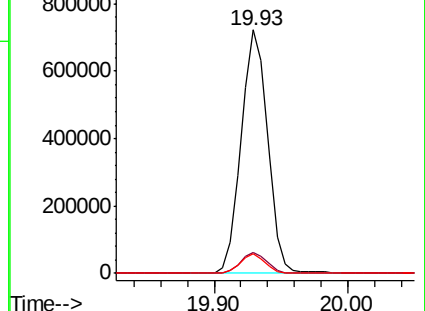
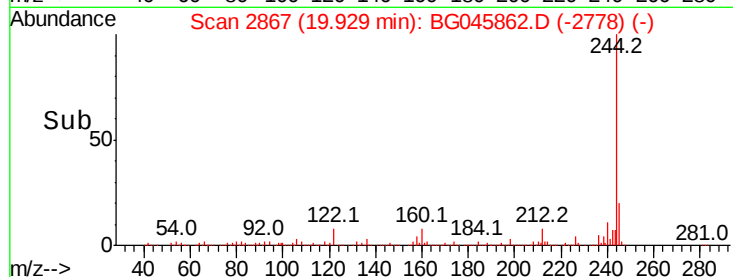
122 7.9 6.4 9.6



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: 24.69 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

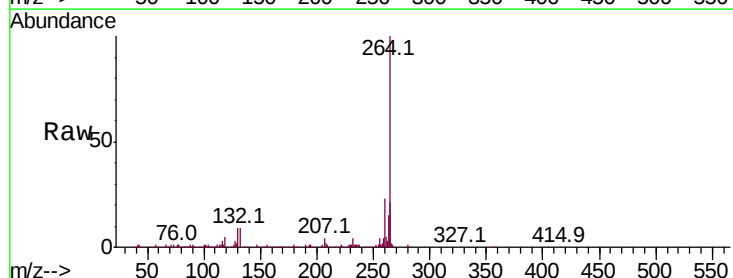
Tgt Ion:264 Resp: 312980

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 21.2 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

