

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045856.D
 Acq On : 25 Jun 2020 14:07
 Operator : CG/JU
 Sample : PB129763BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BL

Quant Time: Jun 25 15:49:57 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

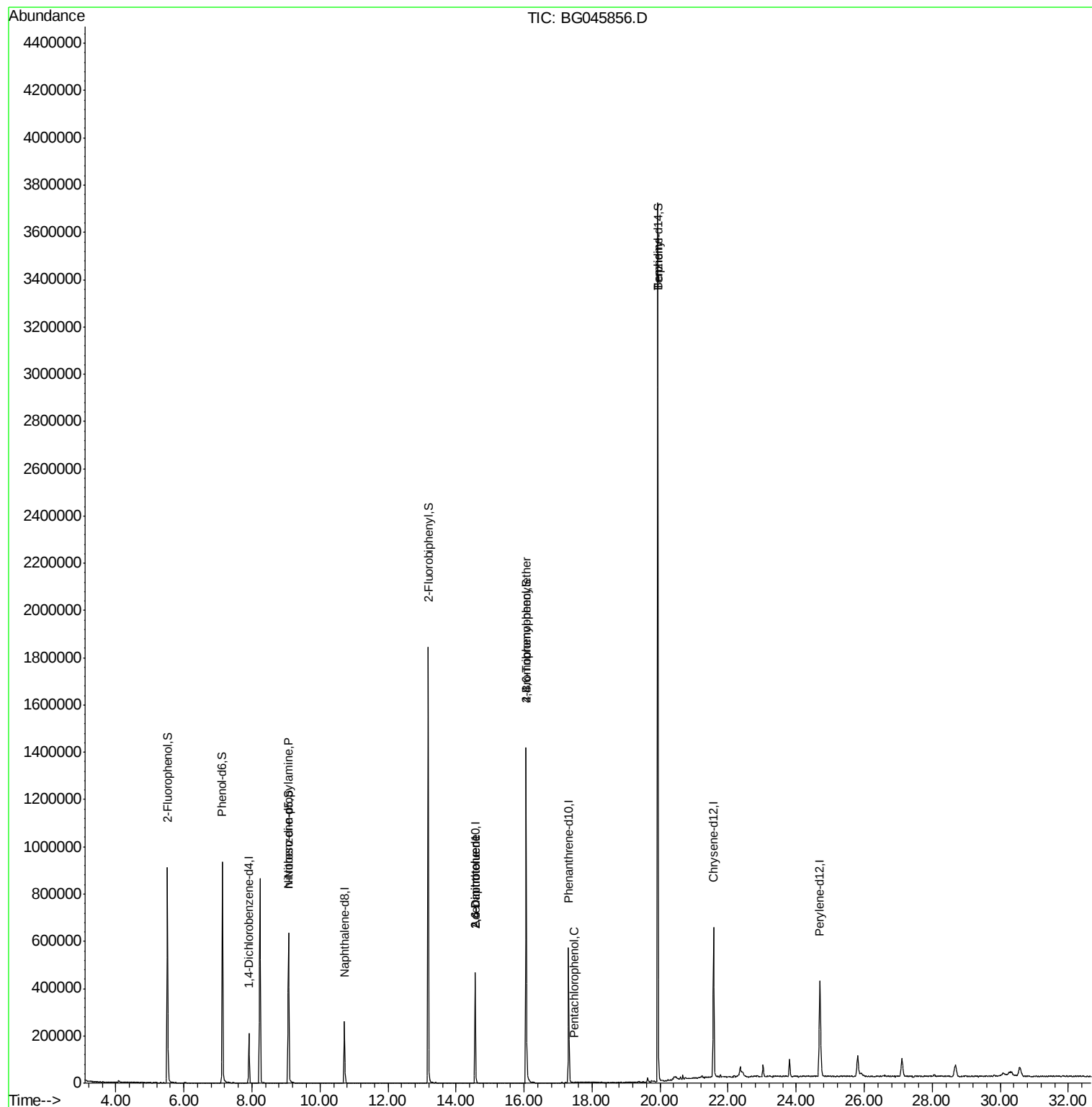
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	60985	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	242998	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	174044	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	391062	20.00	ng	0.00
76) Chrysene-d12	21.57	240	412581	20.00	ng	0.00
86) Perylene-d12	24.70	264	427133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	444601	123.15	ng	0.00
7) Phenol-d6	7.13	99	620638	113.02	ng	0.00
23) Nitrobenzene-d5	9.08	82	433242	81.45	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	302152	114.99	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	987416	83.37	ng	0.00
79) Terphenyl-d14	19.93	244	1757949	86.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	59618	16.513	ng	# 78
51) 2,6-Dinitrotoluene	14.56	165	22288	7.278	ng	# 25
57) 2,4-Dinitrotoluene	14.56	165	22288	5.080	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	19491	3.836	ng	# 1
70) Pentachlorophenol	17.46	266	67	7.656	ng	# 17
77) Benzidine	19.93	184	32980	3.075	ng	# 82

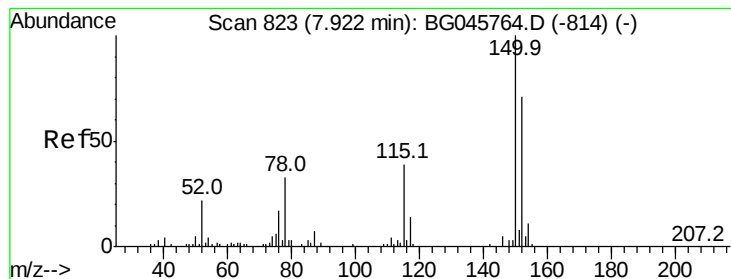
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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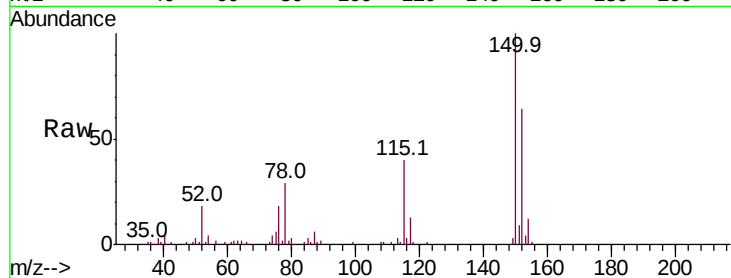


#1

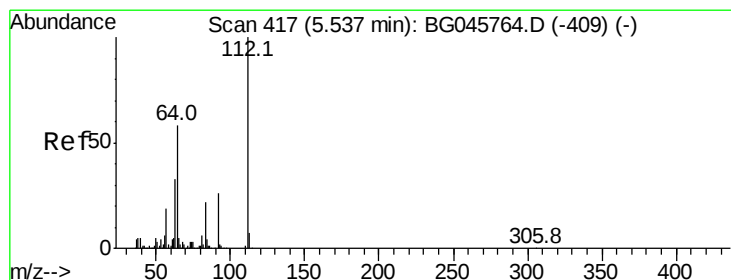
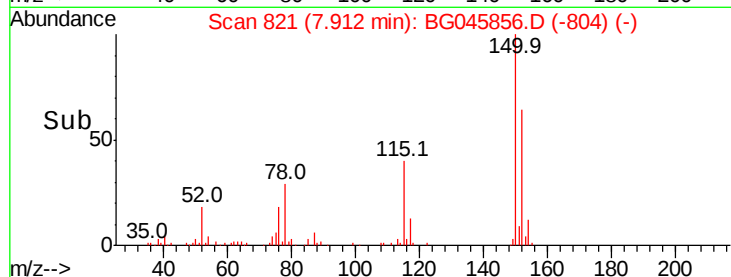
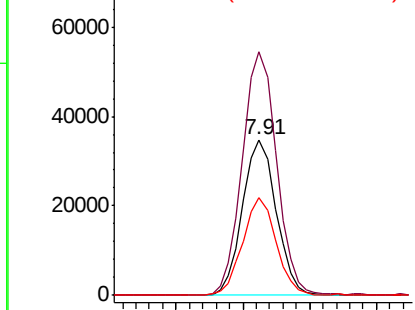
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Instrument :
BNA_G
ClientSampleId :
PB129763BL

Tot Ion:152 Resp: 60985
Ion Ratio Lower Upper
152 100
150 156.7 113.1 169.7
115 63.2 43.8 65.6



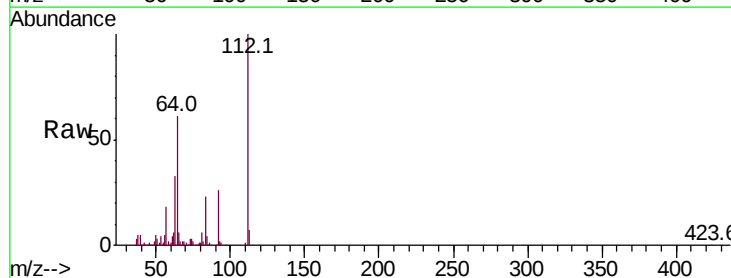
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



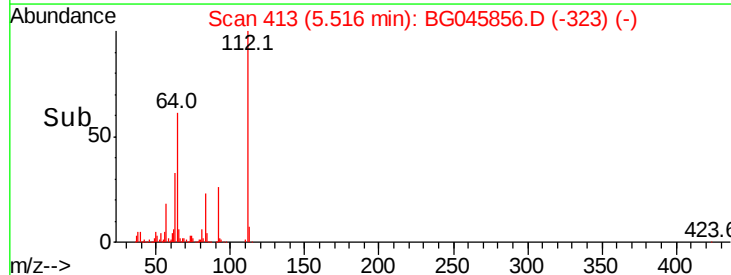
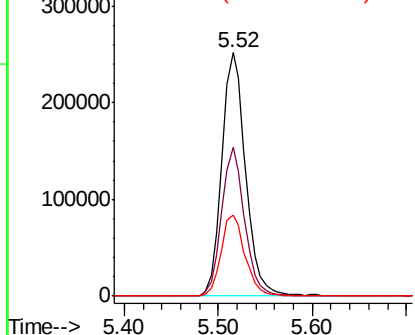
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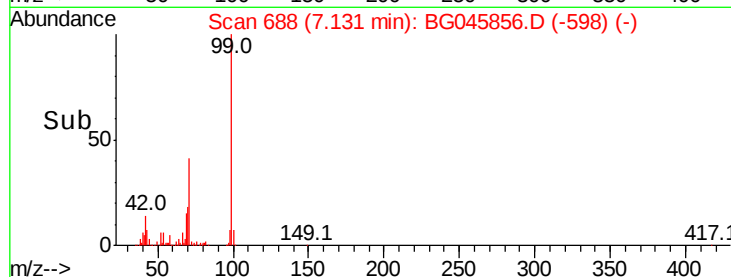
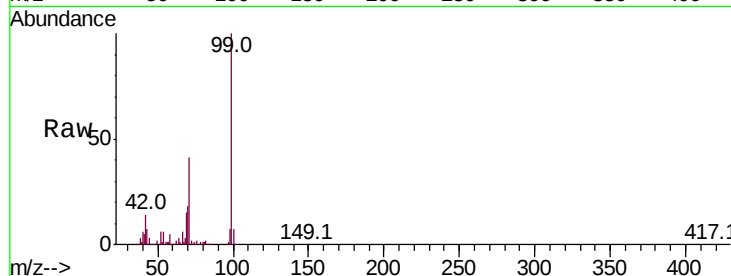
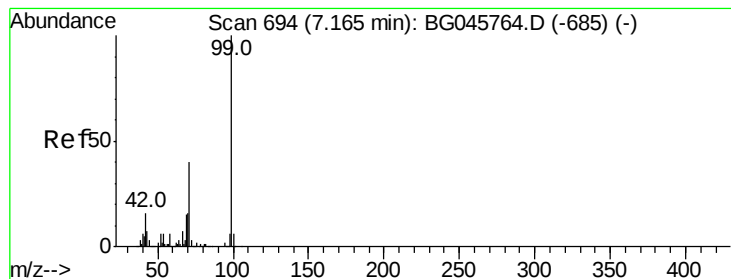
2-Fluorophenol
Concen: 123.151 ng
RT: 5.52 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Tgt Ion:112 Resp: 444601
Ion Ratio Lower Upper
112 100
64 61.0 46.6 69.8
63 33.3 26.3 39.5



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





#7

Phenol-d6

Concen: 113.019 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Instrument :

BNA_G

ClientSampleId :

PB129763BL

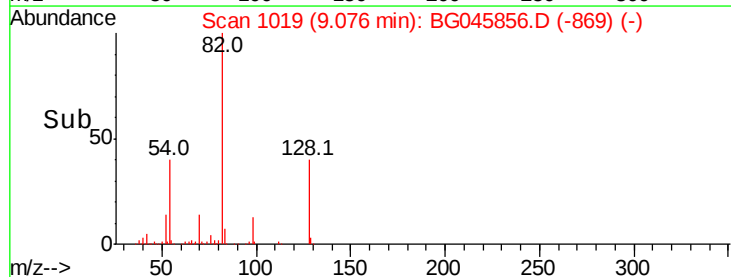
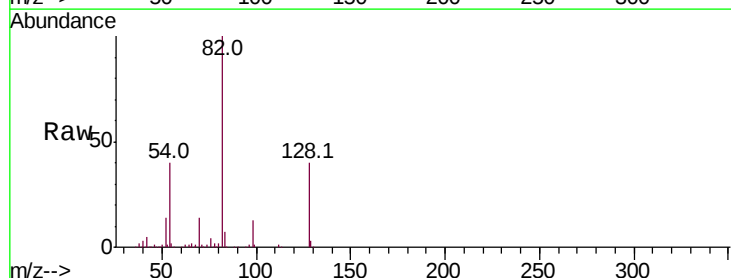
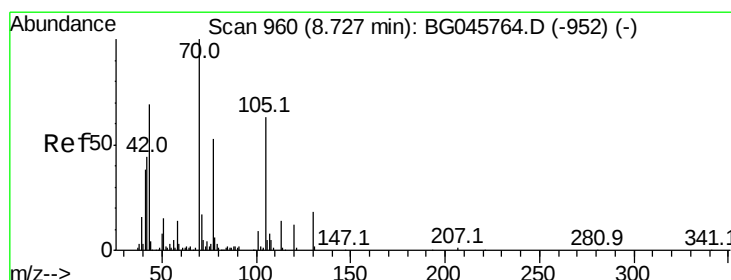
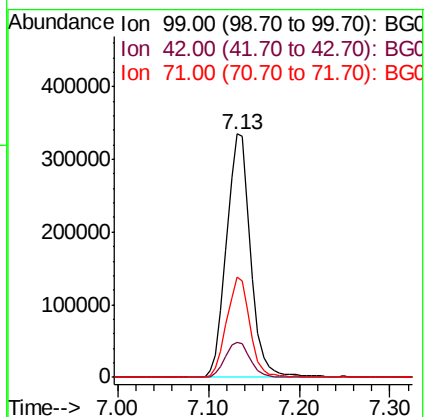
Tot Ion: 99 Resp: 620638

Ion Ratio Lower Upper

99 100

42 14.2 12.4 18.6

71 41.3 32.1 48.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.513 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Tgt Ion: 70 Resp: 59618

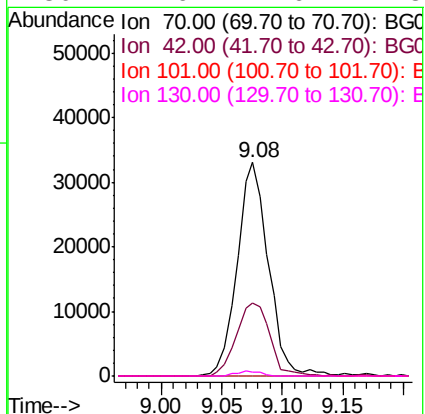
Ion Ratio Lower Upper

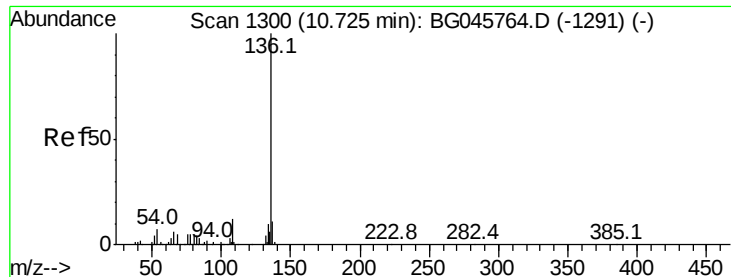
70 100

42 34.4 35.1 52.7#

101 0.0 7.4 11.0#

130 1.6 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: BG045856.D

Acq: 25 Jun 2020 14:07

Instrument :

BNA_G

ClientSampleId :

PB129763BL

Tot Ion:136 Resp: 242998

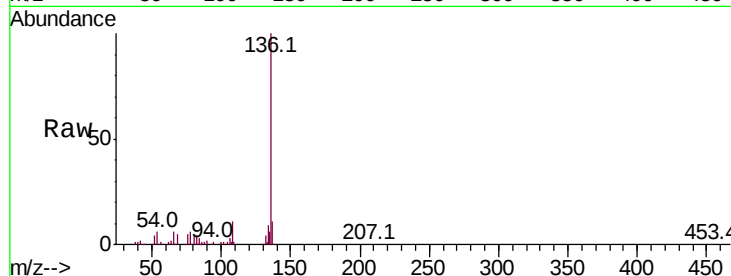
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.1 5.8 8.6

68 5.3 4.0 6.0

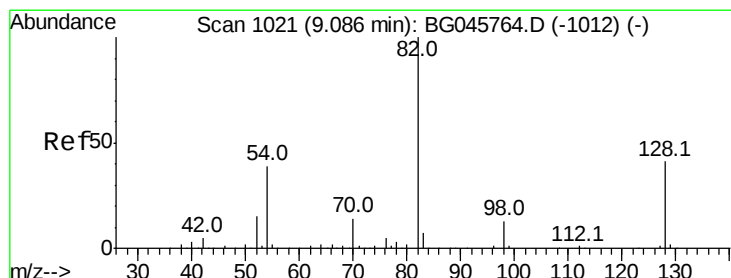
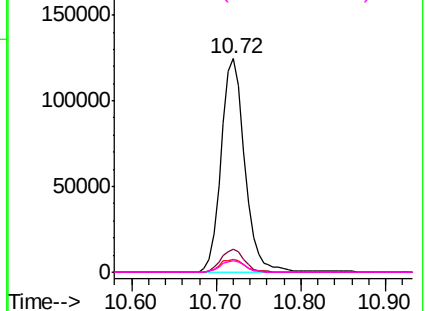
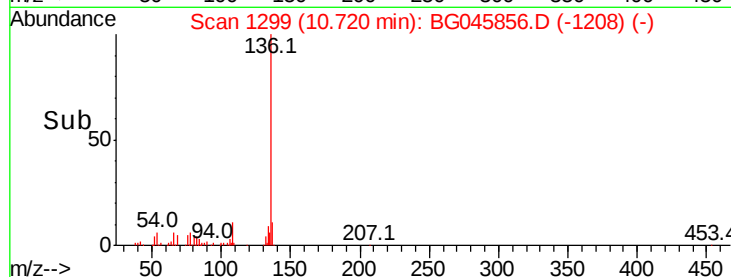


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 81.449 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

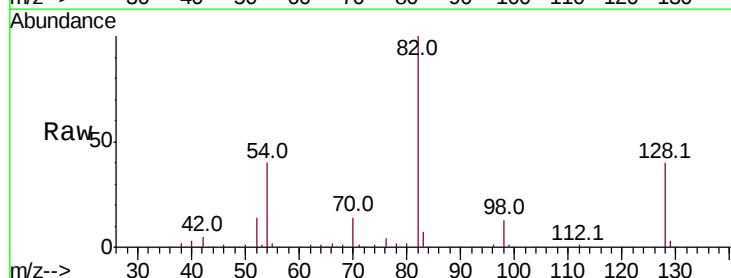
Tgt Ion: 82 Resp: 433242

Ion Ratio Lower Upper

82 100

128 39.6 32.5 48.7

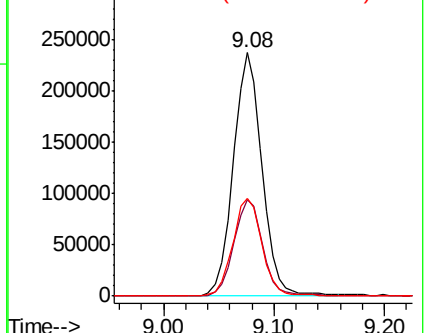
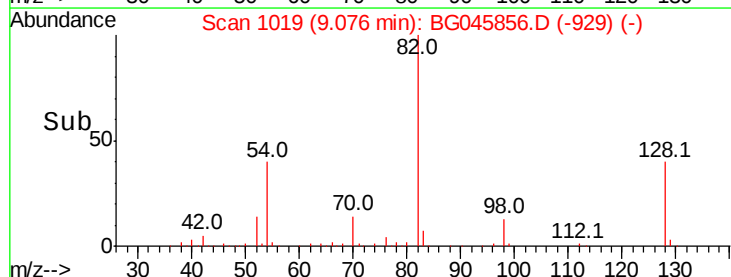
54 40.1 31.2 46.8

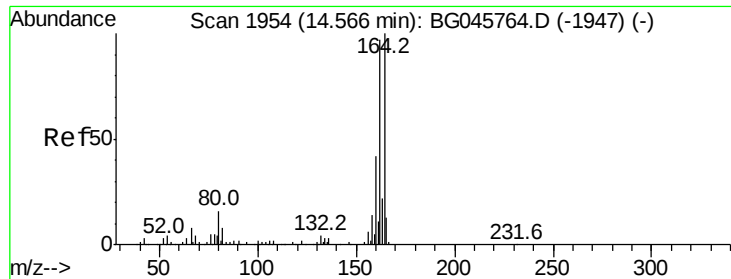


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

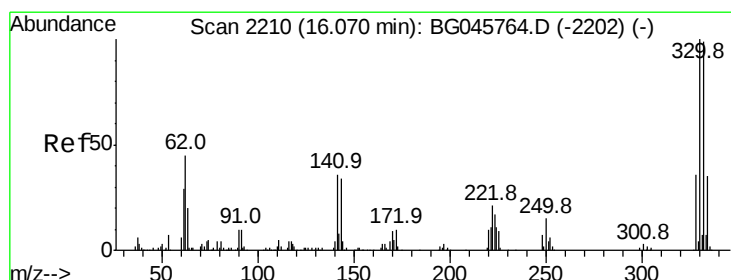
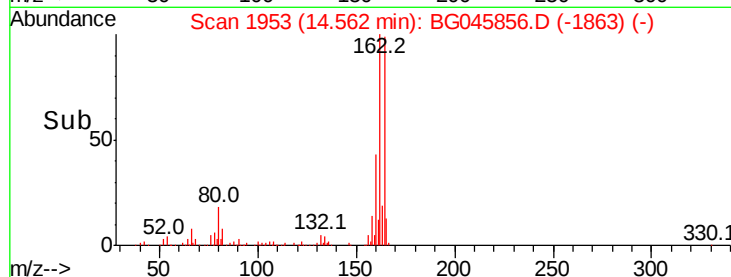
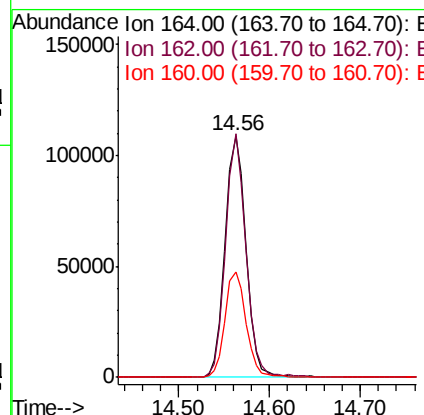
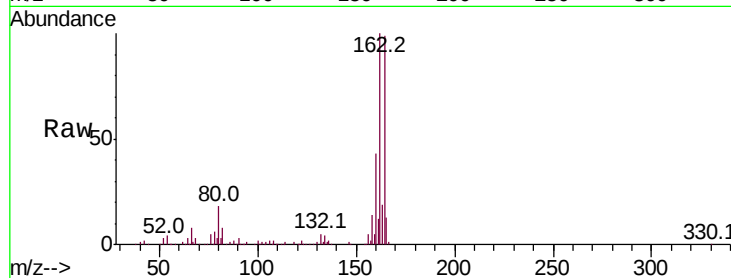




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

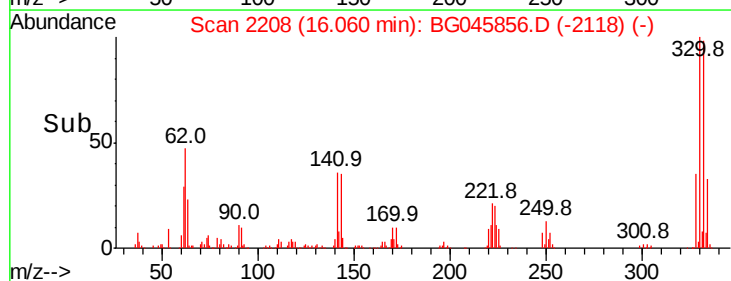
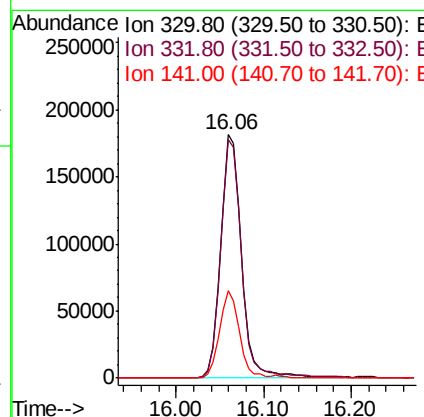
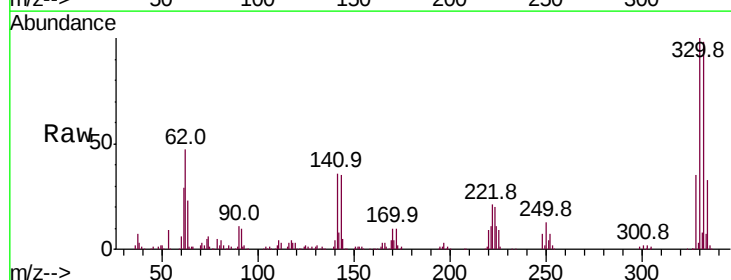
Instrument :
BNA_G
ClientSampleId :
PB129763BL

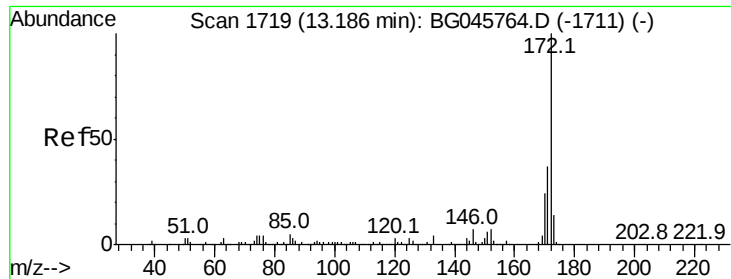
Tot Ion:164 Resp: 174044
Ion Ratio Lower Upper
164 100
162 100.8 77.4 116.0
160 43.6 33.3 49.9



#42
2,4,6-Tribromophenol
Concen: 114.991 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Tgt Ion:330 Resp: 302152
Ion Ratio Lower Upper
330 100
332 97.8 78.6 117.8
141 33.9 28.2 42.4

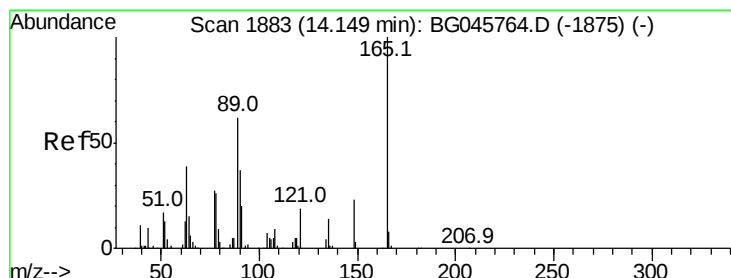
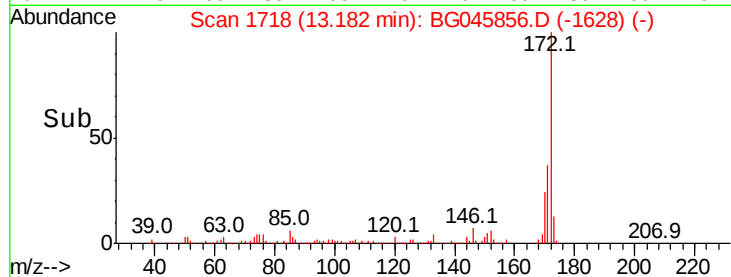
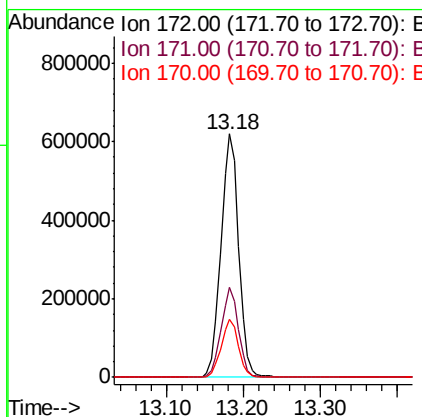
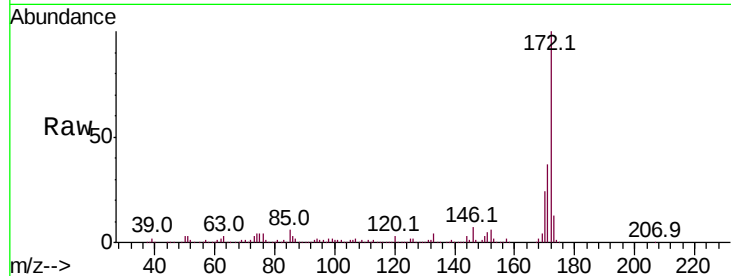




#45
2-Fluorobiphenyl
Concen: 83.373 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

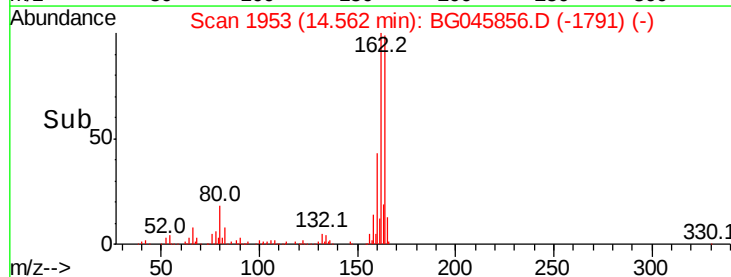
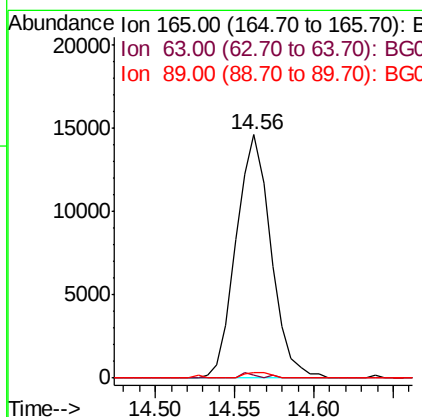
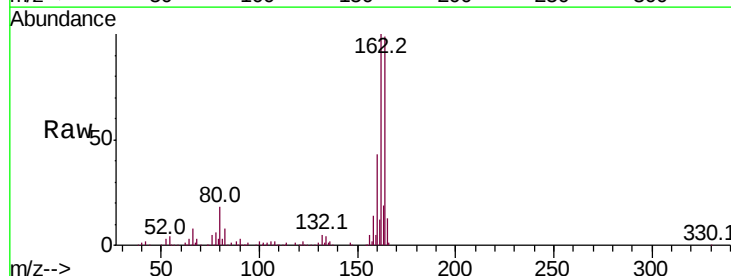
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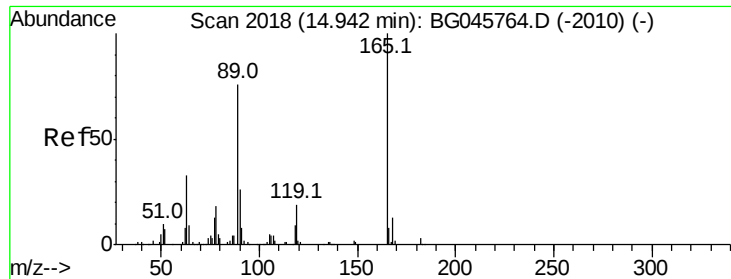
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	23.7	19.3	28.9



#51
2,6-Dinitrotoluene
Concen: 7.278 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.42 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.2	61.8#
89	2.4	49.7	74.5#

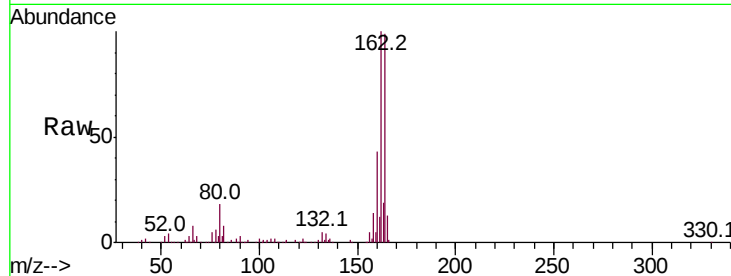




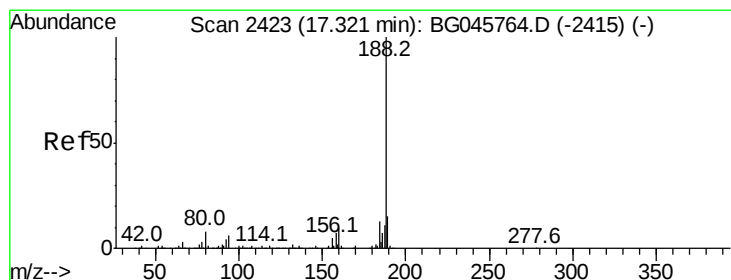
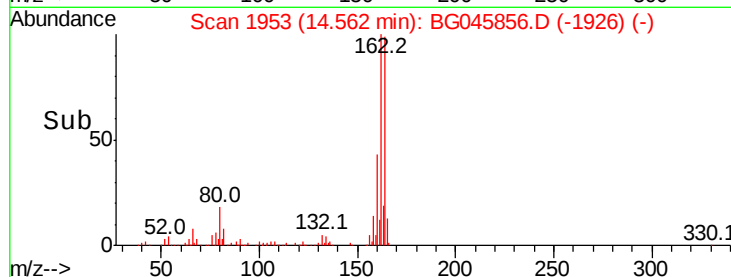
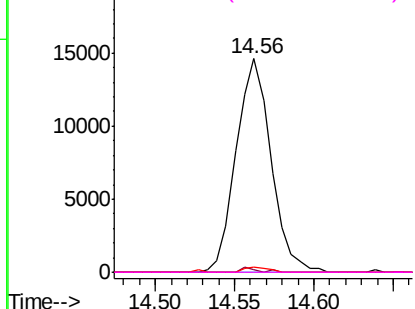
#57
2,4-Dinitrotoluene
Concen: 5.080 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.37 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Instrument :
BNA_G
ClientSampleId :
PB129763BL

Tot Ion:165 Resp: 22288
Ion Ratio Lower Upper
165 100
63 1.1 33.8 50.8#
89 2.4 60.4 90.6#
182 0.0 2.6 3.8#

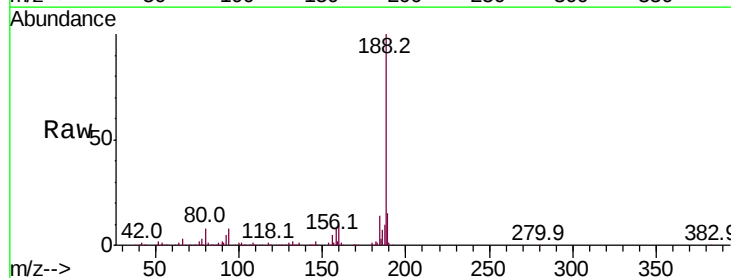


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

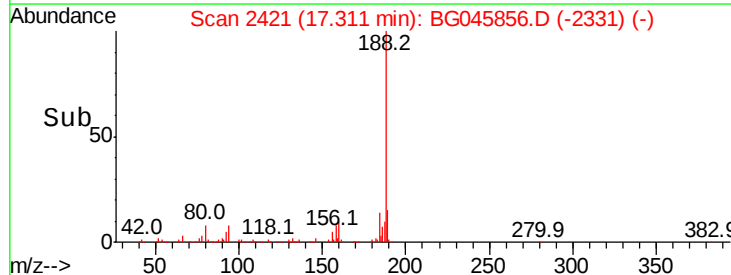
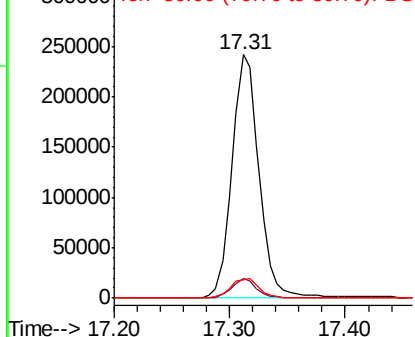


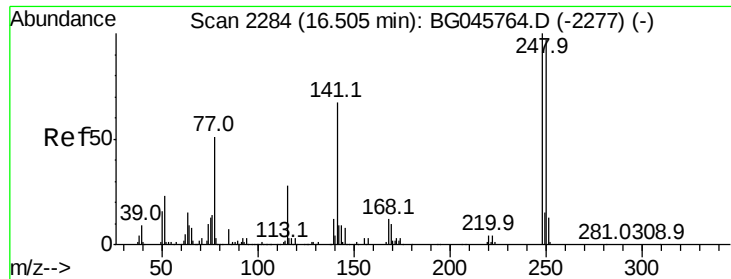
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Tgt Ion:188 Resp: 391062
Ion Ratio Lower Upper
188 100
94 7.8 5.1 7.7#
80 7.8 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

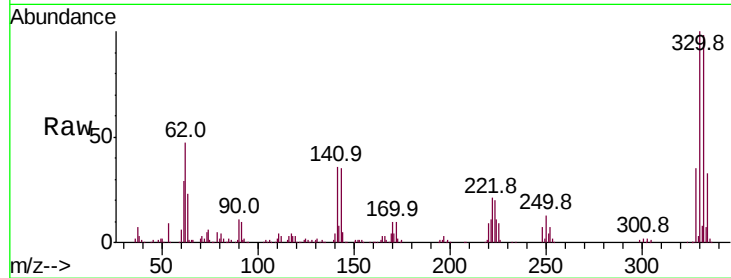




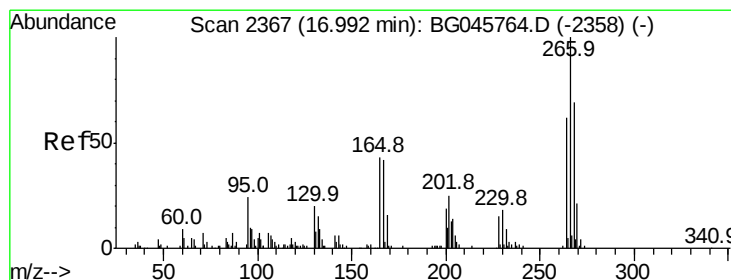
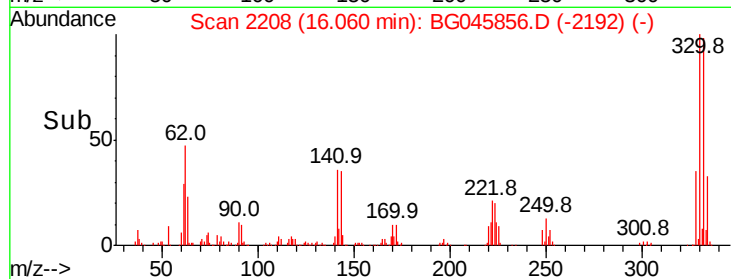
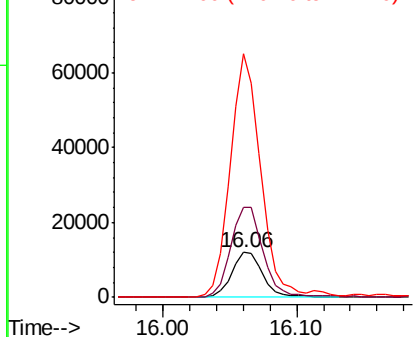
#67
 4-Bromophenyl-phenylether
 Concen: 3.836 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.44 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BL

Tot Ion:248 Resp: 19491
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.0 117.0#
 141 545.2 53.9 80.9#

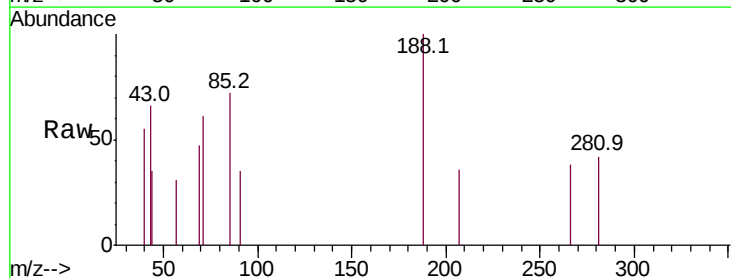


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

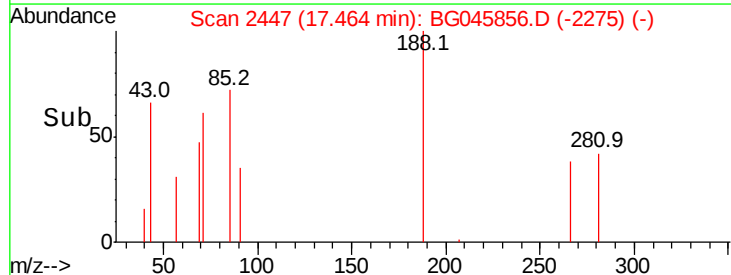
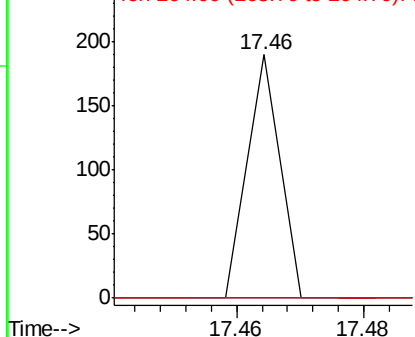


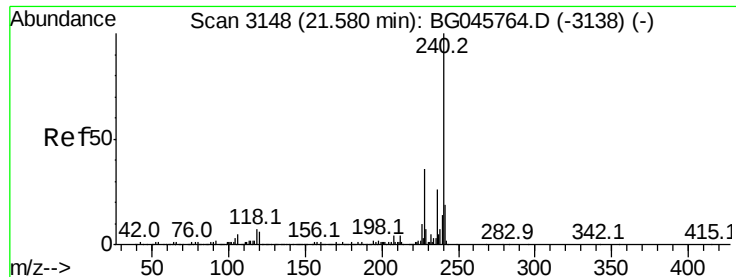
#70
 Pentachlorophenol
 Concen: 7.656 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. 0.48 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

Tgt Ion:266 Resp: 67
 Ion Ratio Lower Upper
 266 100
 268 0.0 55.4 83.0#
 264 0.0 49.8 74.6#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

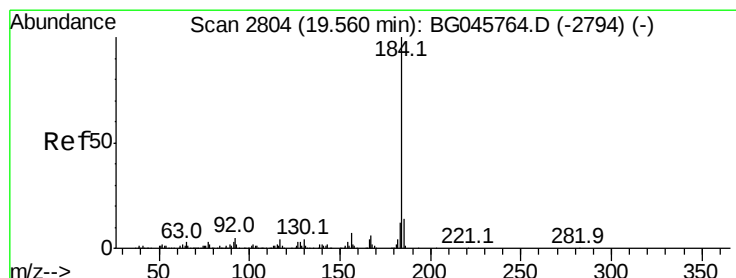
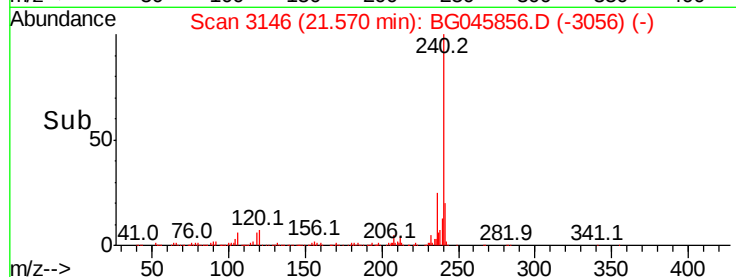
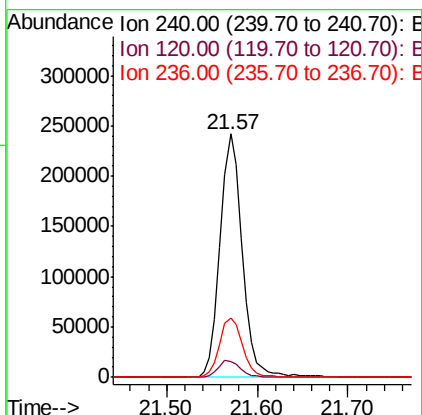
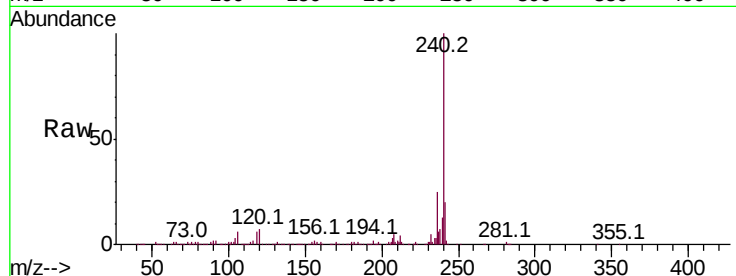




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

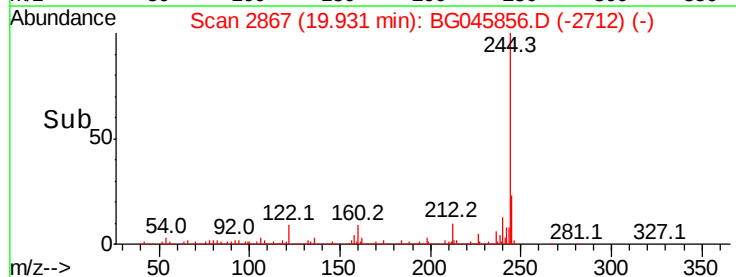
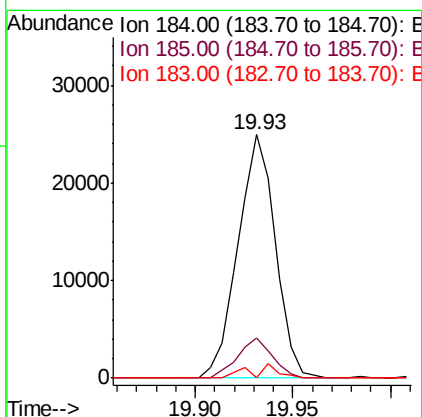
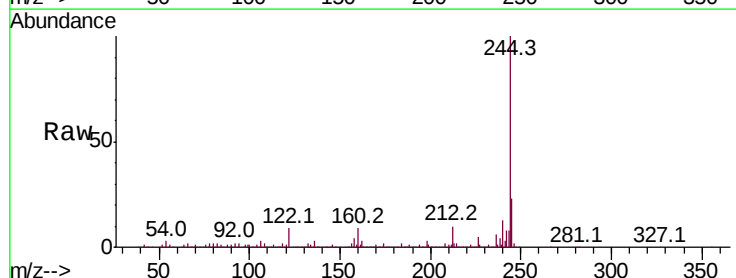
Instrument :
 BNA_G
 ClientSampleId :
 PB129763BL

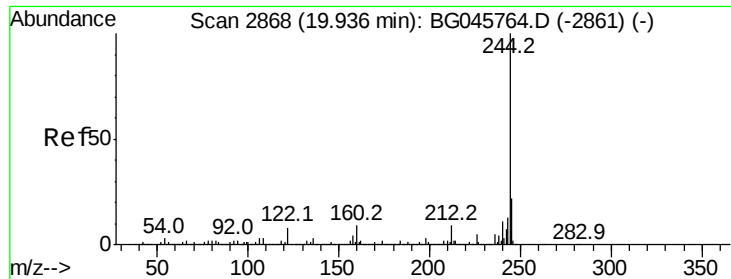
Tot Ion:240 Resp: 412581
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.0 7.4
 236 24.6 20.6 30.8



#77
 Benzidine
 Concen: 3.075 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. 0.38 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

Tgt Ion:184 Resp: 32980
 Ion Ratio Lower Upper
 184 100
 185 16.4 11.1 16.7
 183 0.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 86.350 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Instrument :

BNA_G

ClientSampleId :

PB129763BL

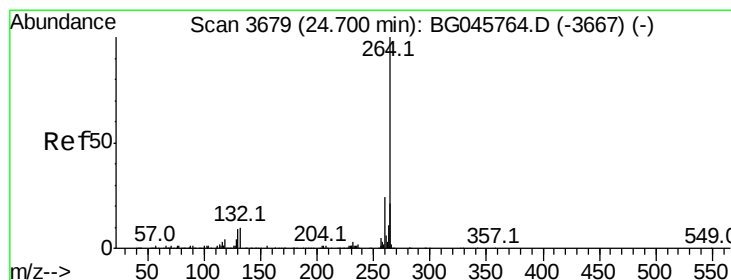
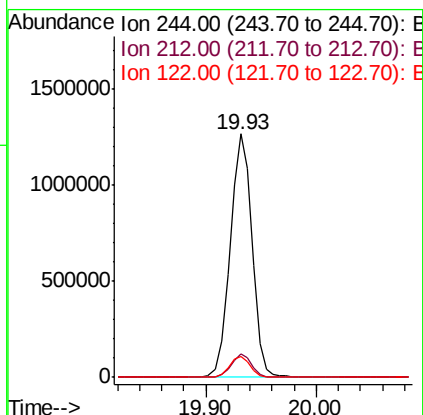
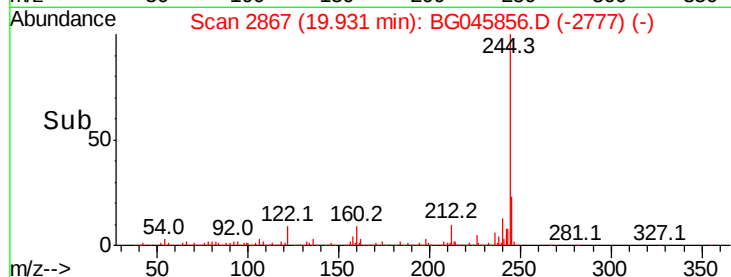
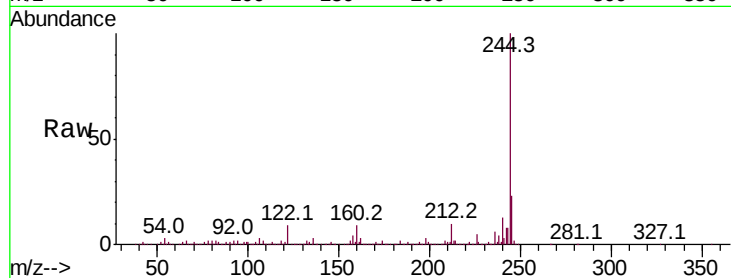
Tot Ion:244 Resp: 1757949

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

122 8.8 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Tgt Ion:264 Resp: 427133

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 23.3 17.4 26.0

