

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062520\
 Data File : BG045858.D
 Acq On : 25 Jun 2020 15:26
 Operator : CG/JU
 Sample : PB129759BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129759BL

Quant Time: Jun 25 16:01:37 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

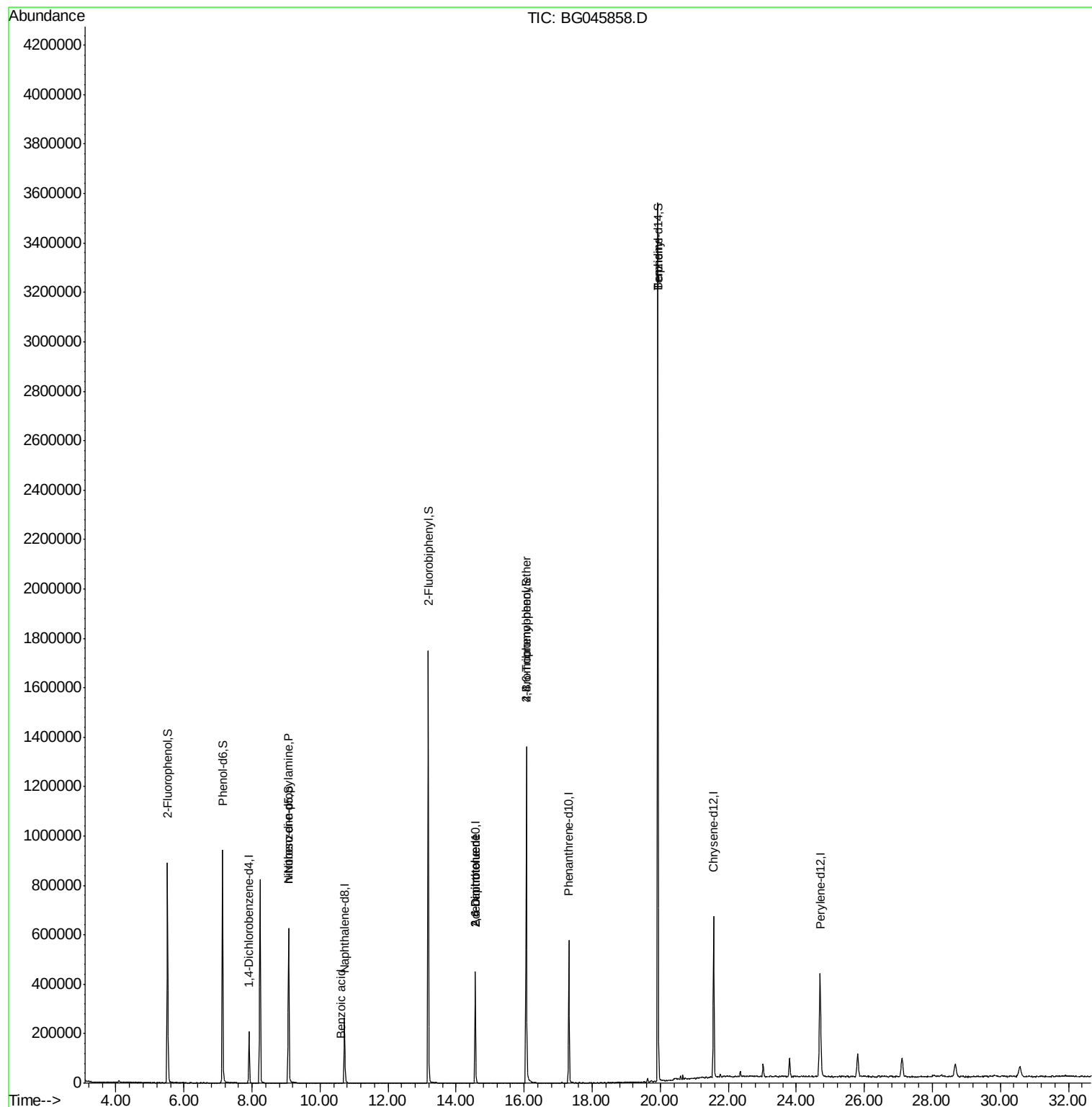
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	61907	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	240754	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	172173	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	393082	20.00	ng	0.00
76) Chrysene-d12	21.57	240	417994	20.00	ng	0.00
86) Perylene-d12	24.69	264	442654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444784	121.37	ng	0.00
7) Phenol-d6	7.13	99	618269	110.91	ng	0.00
23) Nitrobenzene-d5	9.08	82	436652	82.86	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	299632	115.27	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	981575	83.78	ng	0.00
79) Terphenyl-d14	19.93	244	1770853	85.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	60360	16.470	ng	# 81
32) Benzoic acid	10.61	122	59	8.999	ng	# 1
51) 2,6-Dinitrotoluene	14.56	165	21110	6.968	ng	# 26
57) 2,4-Dinitrotoluene	14.56	165	21110	4.863	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	20151	3.945	ng	# 1
77) Benzidine	19.93	184	33114	3.047	ng	# 91

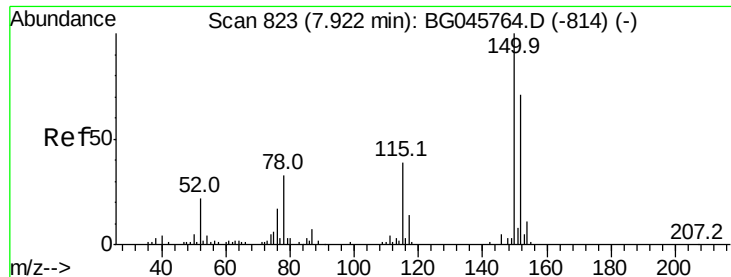
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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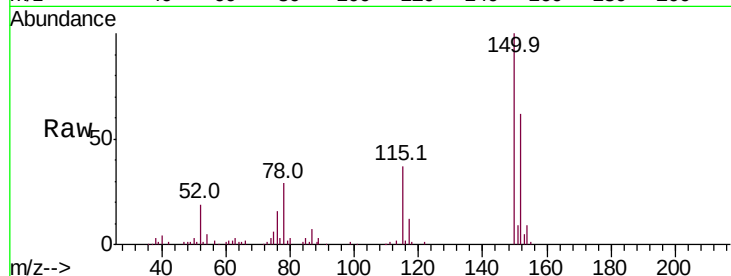


#1

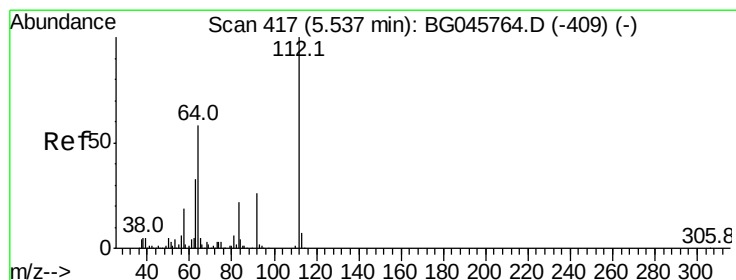
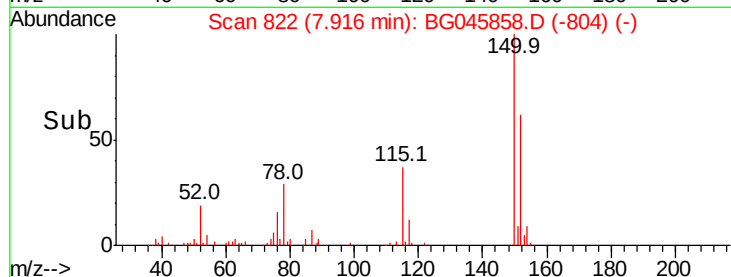
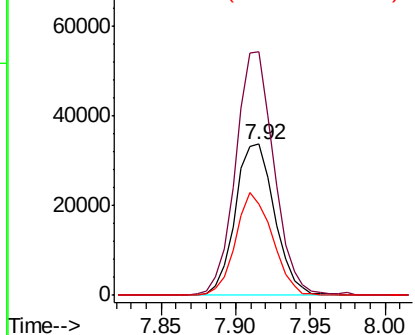
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB129759BL

Tot Ion:152 Resp: 61907
Ion Ratio Lower Upper
152 100
150 160.9 113.1 169.7
115 60.3 43.8 65.6



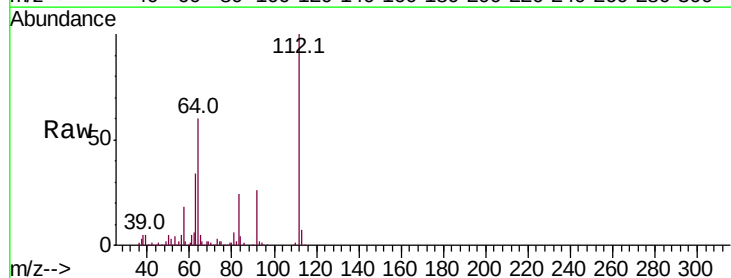
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



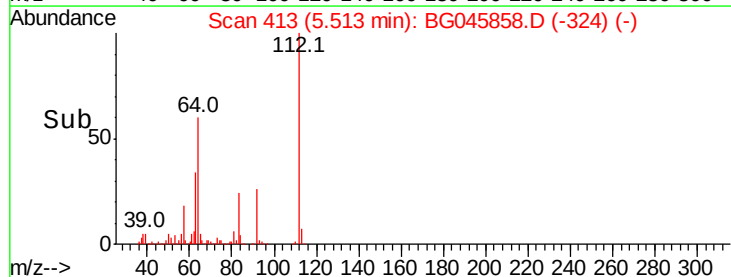
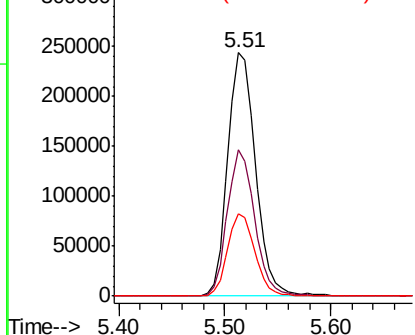
#5

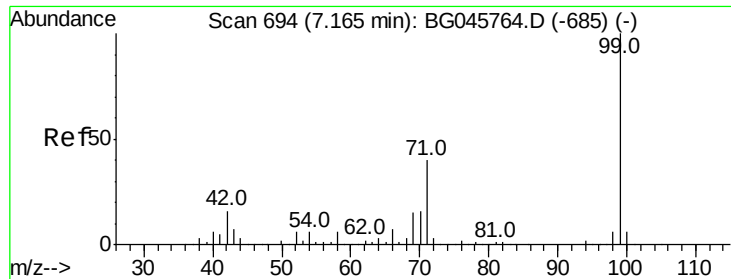
2-Fluorophenol
Concen: 121.367 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Tgt Ion:112 Resp: 444784
Ion Ratio Lower Upper
112 100
64 60.4 46.6 69.8
63 33.9 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: 110.911 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB129759BL

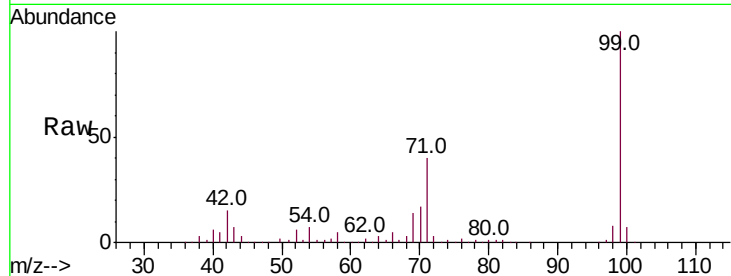
Tot Ion: 99 Resp: 618269

Ion Ratio Lower Upper

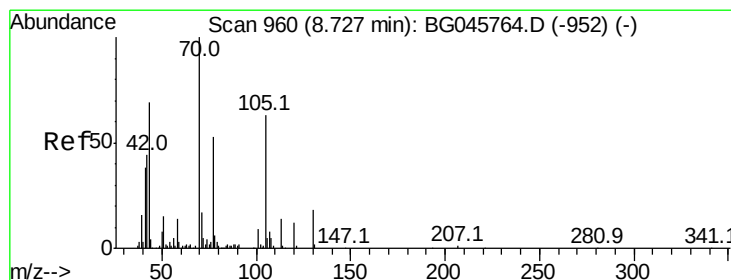
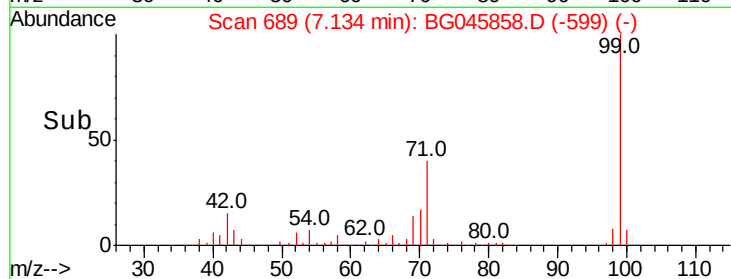
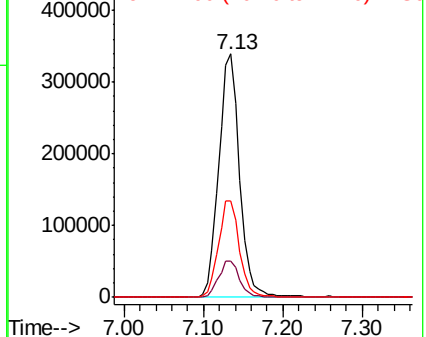
99 100

42 15.0 12.4 18.6

71 39.6 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: 16.470 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Tgt Ion: 70 Resp: 60360

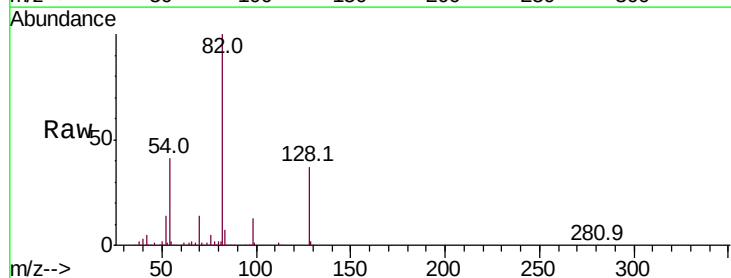
Ion Ratio Lower Upper

70 100

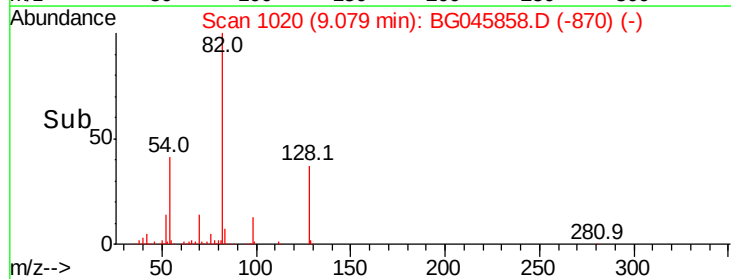
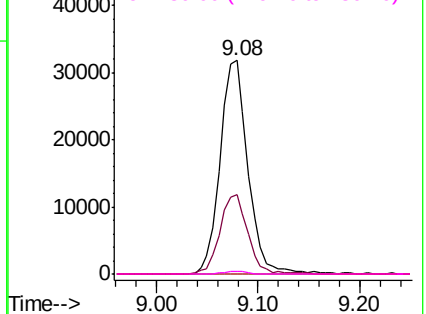
42 37.1 35.1 52.7

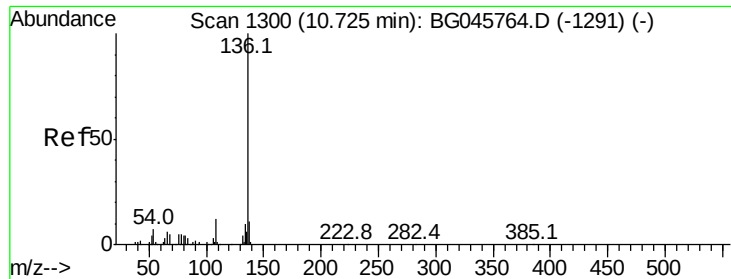
101 0.0 7.4 11.0#

130 1.5 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

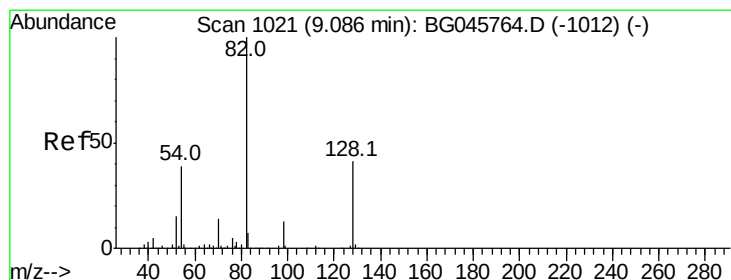
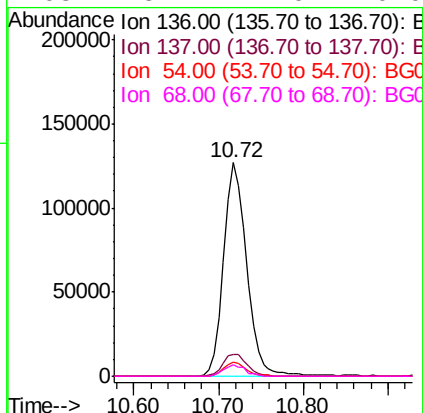
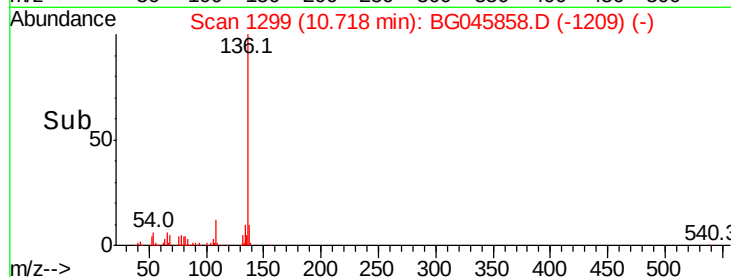
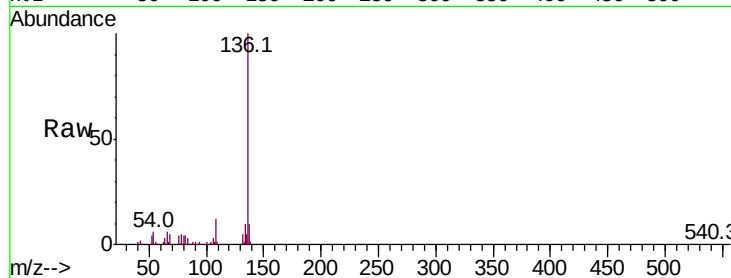




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

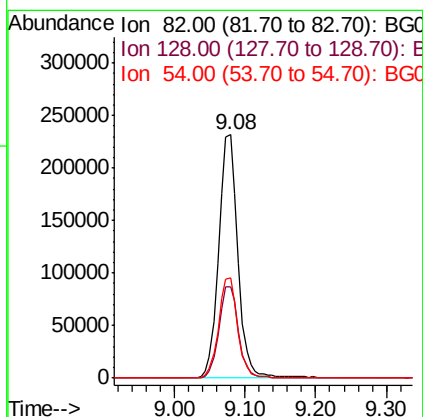
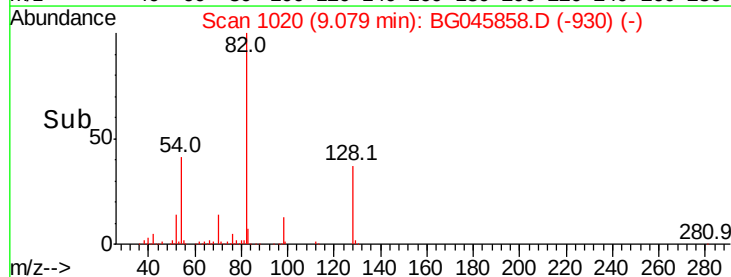
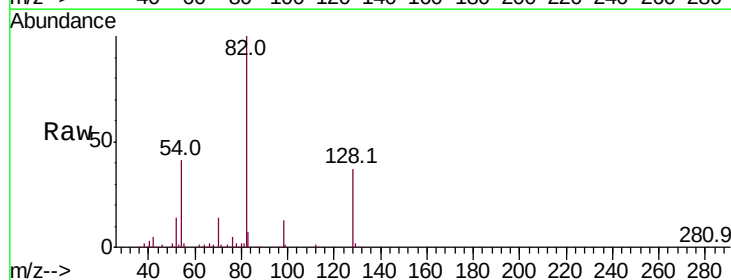
Instrument :
BNA_G
ClientSampleId :
PB129759BL

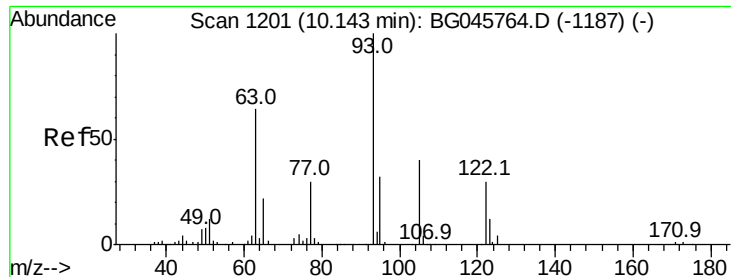
Tot Ion:	136	Resp:	240754
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	6.5	5.8	8.6
68	5.4	4.0	6.0



#23
Nitrobenzene-d5
Concen: 82.855 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Tgt Ion:	82	Resp:	436652
Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.5	48.7
54	41.0	31.2	46.8





#32

Benzoic acid

Concen: 8.999 ng

RT: 10.61 min Scan# 1281

Delta R.T. 0.48 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB129759BL

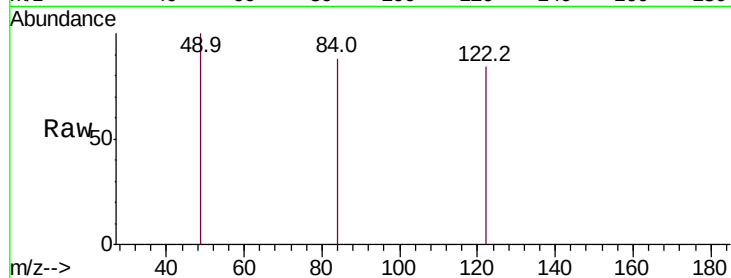
Tot Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 0.0 112.9 152.9#

77 0.0 79.2 119.2#



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

10.61

150

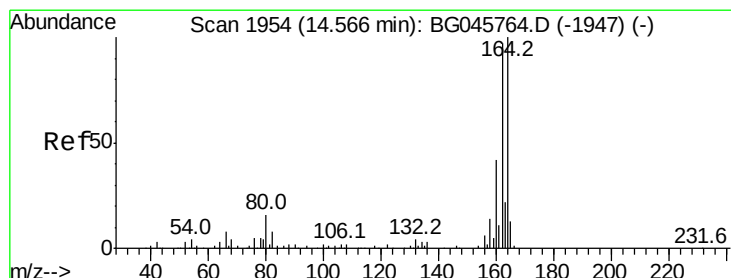
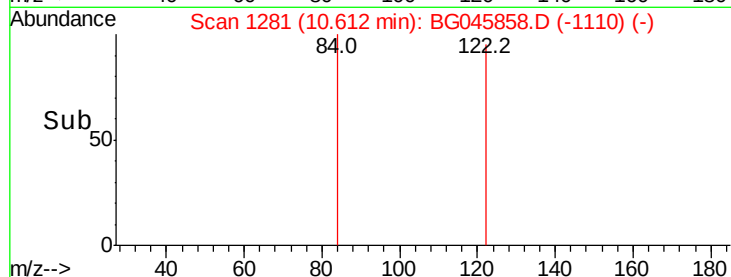
100

50

0

10.60 10.62

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

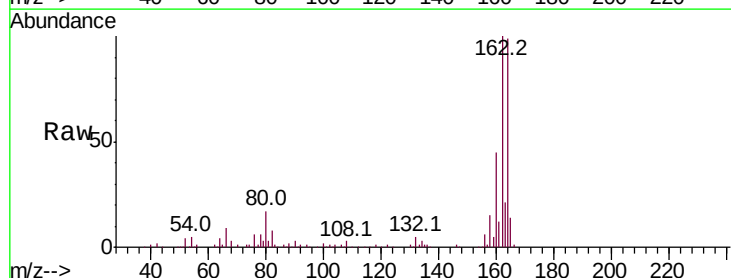
Tgt Ion:164 Resp: 172173

Ion Ratio Lower Upper

164 100

162 101.1 77.4 116.0

160 45.4 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

14.56

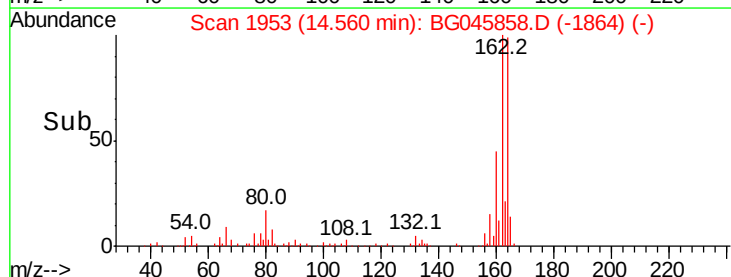
100000

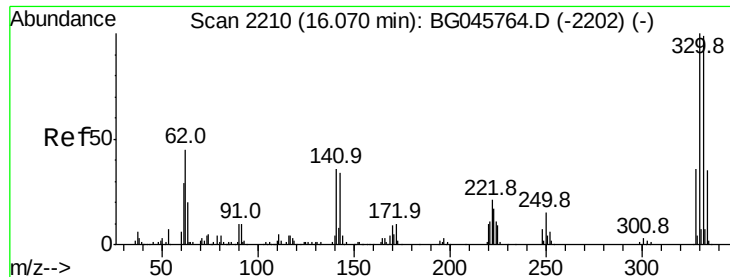
50000

0

14.50 14.60 14.70

Time-->

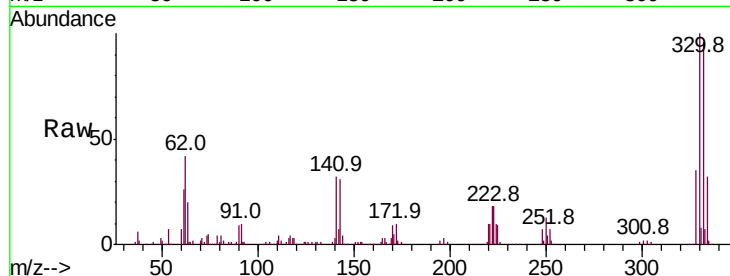




#42
 2,4,6-Tribromophenol
 Concen: 115.271 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129759BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.6	117.8
141	34.3	28.2	42.4

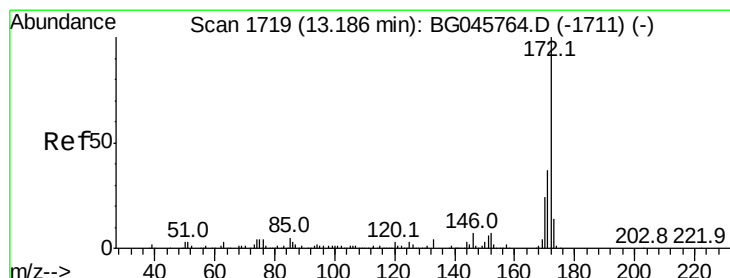
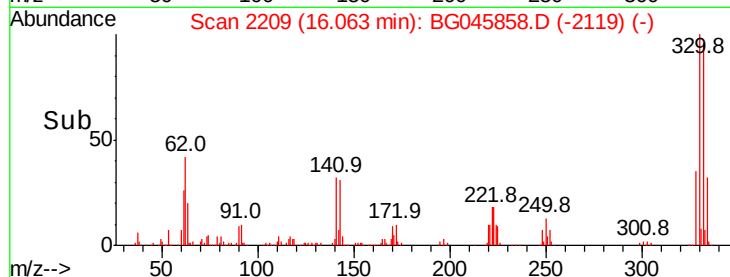
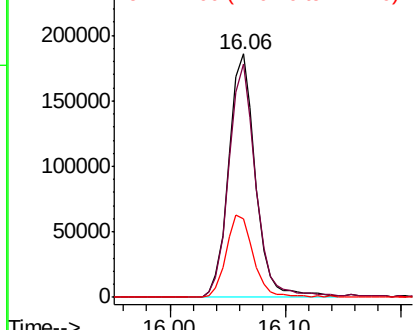


Abundance

Ion 329.80 (329.50 to 330.50): E

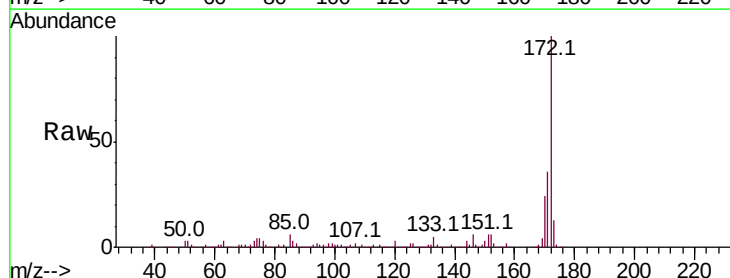
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.781 ng
 RT: 13.18 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.2	19.3	28.9

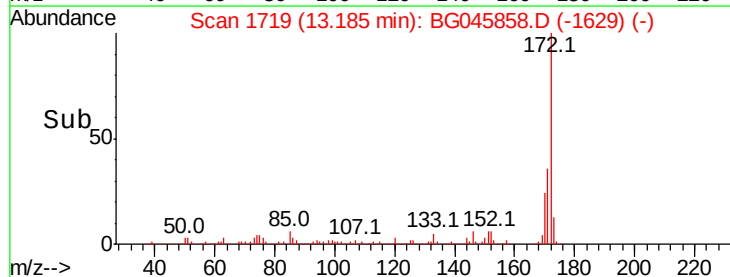
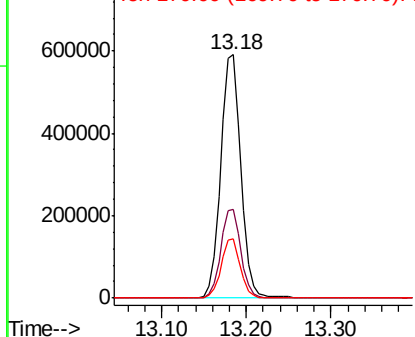


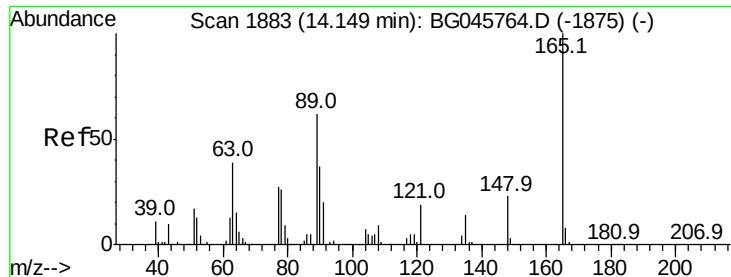
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

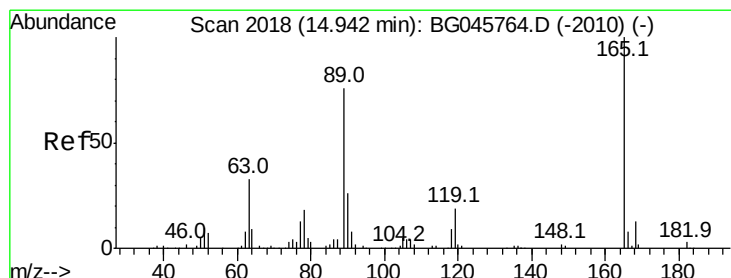
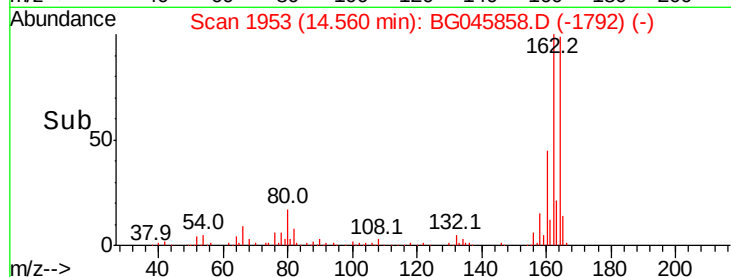
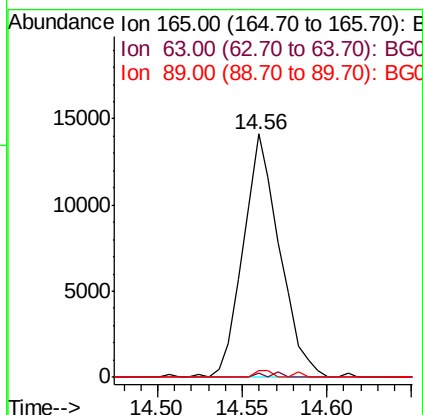
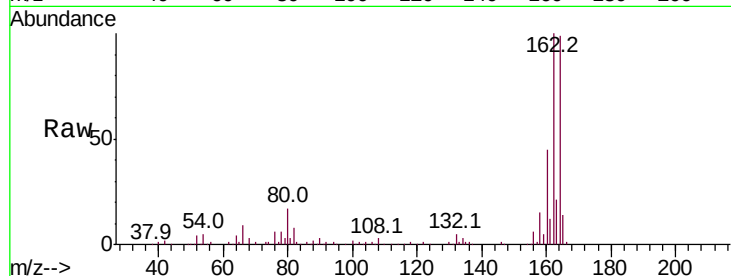




#51
 2,6-Dinitrotoluene
 Concen: 6.968 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.42 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

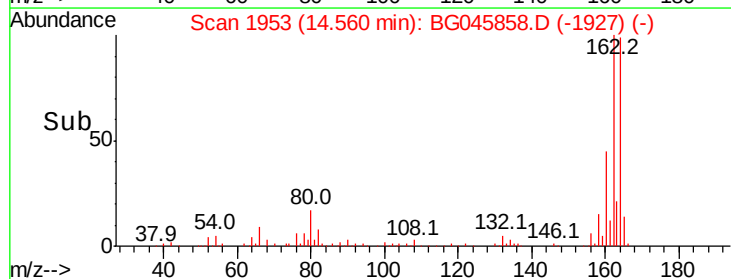
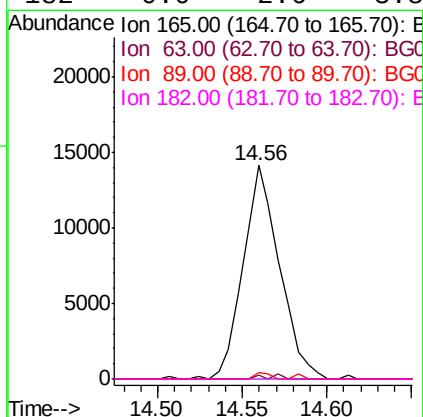
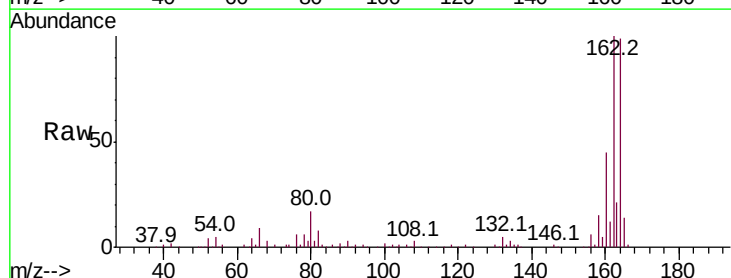
Instrument :
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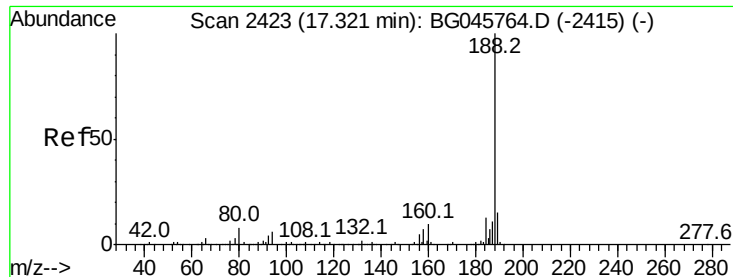
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.2	61.8#
89	2.8	49.7	74.5#



#57
 2,4-Dinitrotoluene
 Concen: 4.863 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.8#
89	2.8	60.4	90.6#
182	0.0	2.6	3.8#

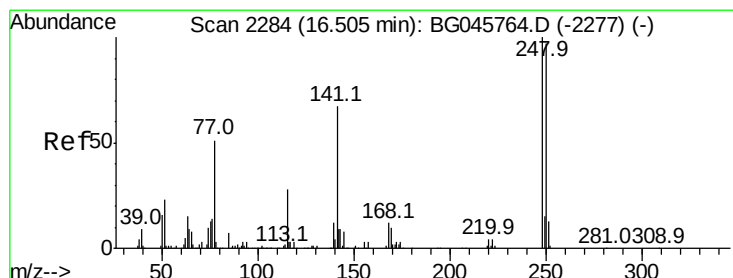
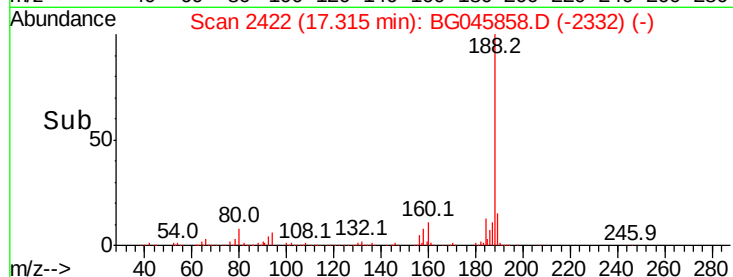
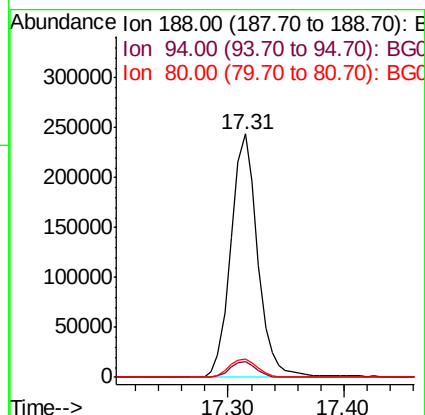
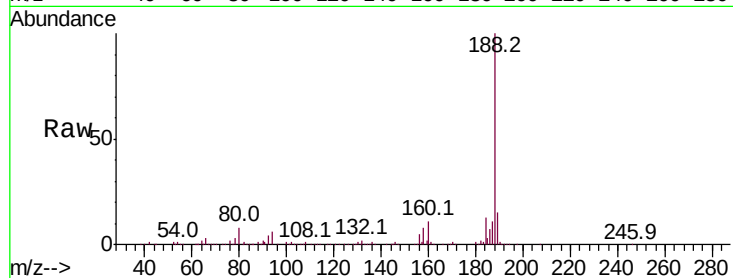




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

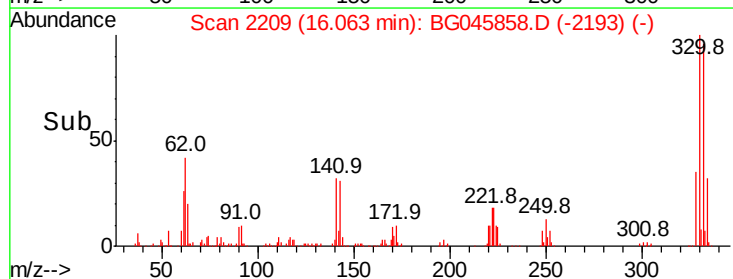
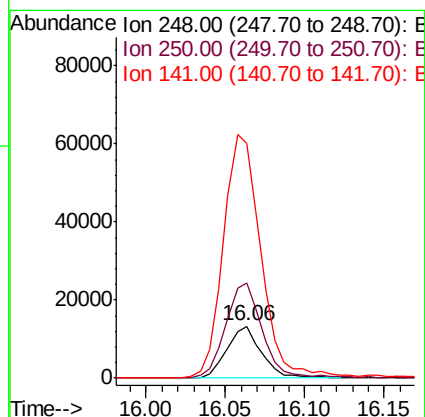
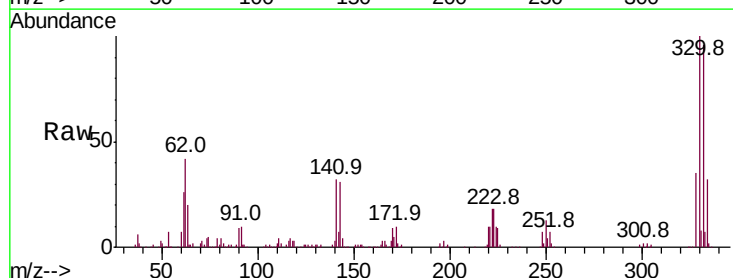
Instrument :
BNA_G
ClientSampleId :
PB129759BL

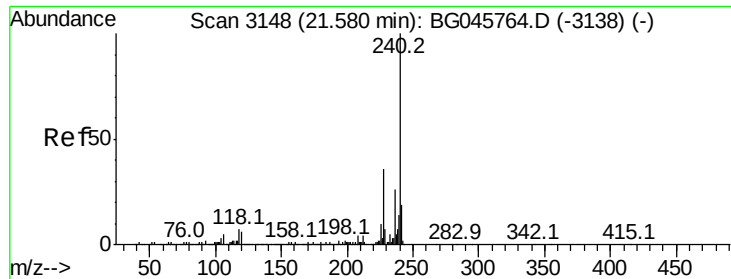
Tot Ion:188 Resp: 393082
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.7 6.2 9.4



#67
4-Bromophenyl-phenylether
Concen: 3.945 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.43 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Tgt Ion:248 Resp: 20151
Ion Ratio Lower Upper
248 100
250 184.4 78.0 117.0#
141 453.4 53.9 80.9#

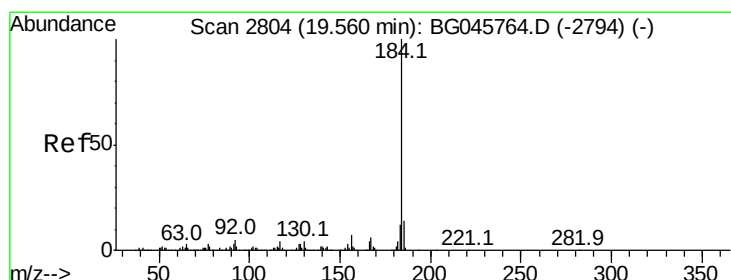
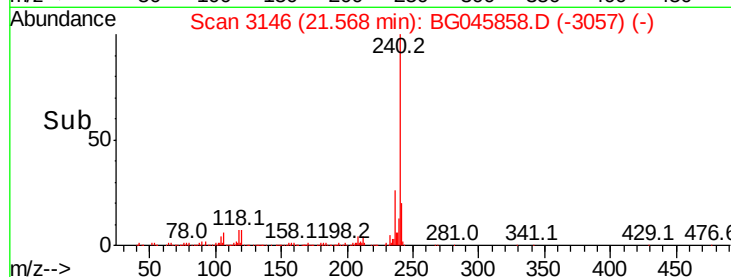
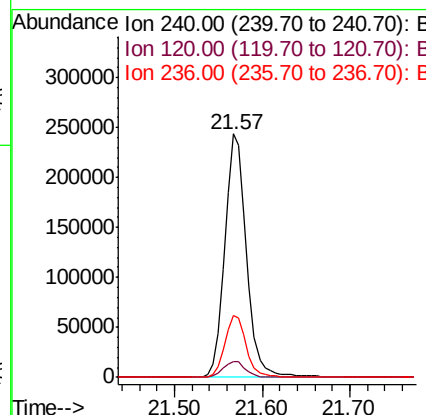
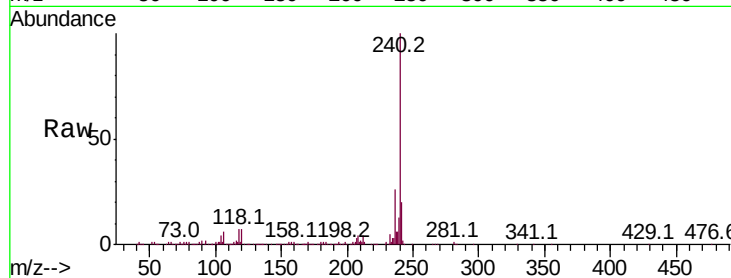




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

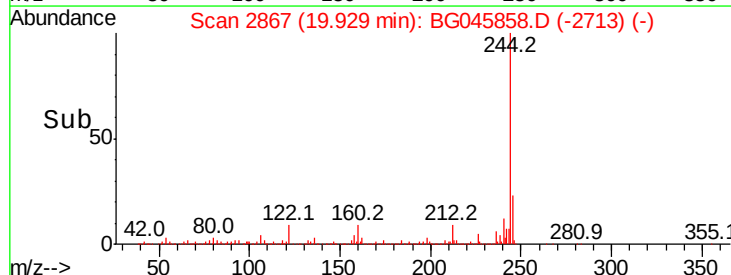
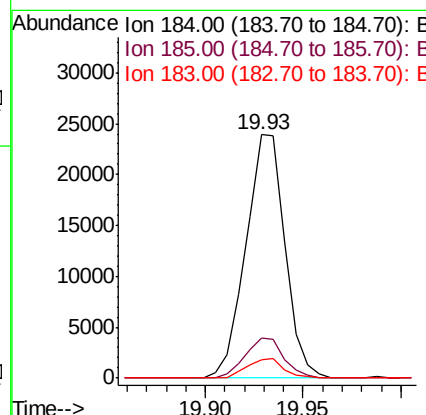
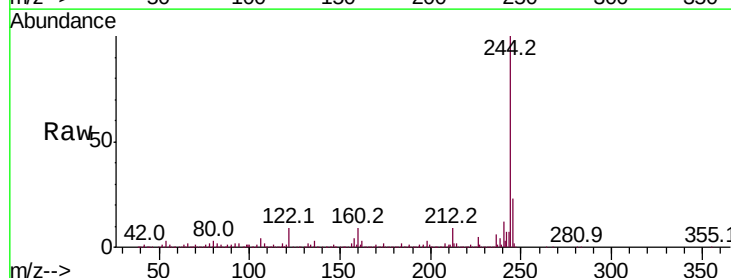
Instrument :
 BNA_G
 ClientSampleId :
 PB129759BL

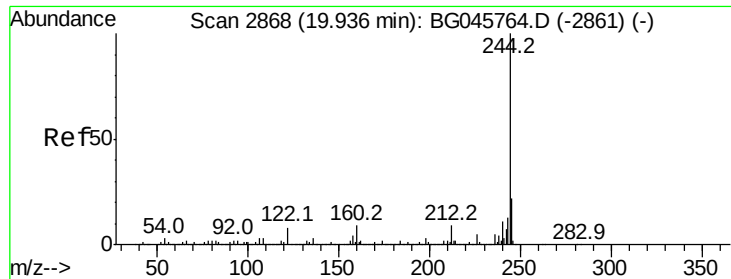
Tot Ion:240 Resp: 417994
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.0 7.4
 236 25.6 20.6 30.8



#77
 Benzidine
 Concen: 3.047 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. 0.38 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Tgt Ion:184 Resp: 33114
 Ion Ratio Lower Upper
 184 100
 185 16.4 11.1 16.7
 183 7.4 9.7 14.5#



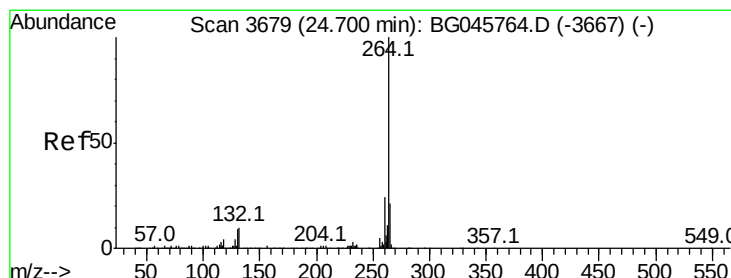
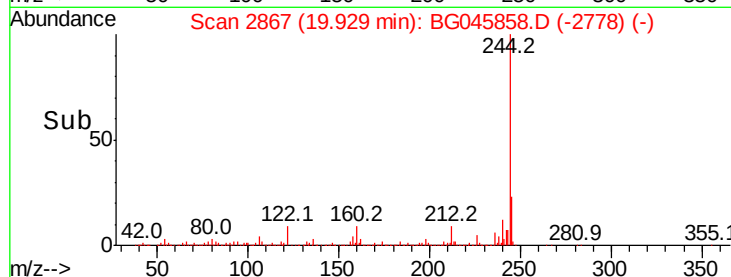
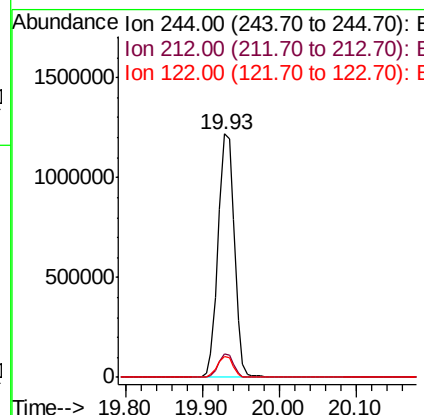
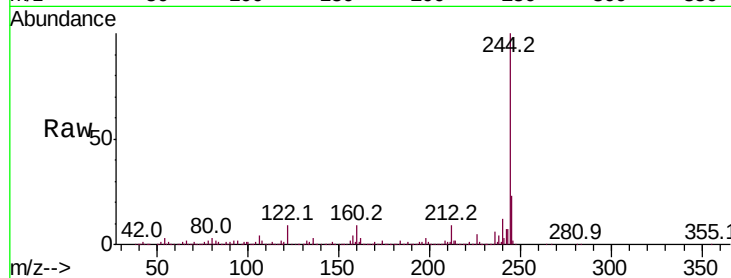


#79
 Terphenyl-d14
 Concen: 85.858 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129759BL

Tot Ion:244 Resp: 1770853

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	8.8	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Tgt Ion:264 Resp: 442654

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.2	17.4	26.0

