

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045927.D
 Acq On : 2 Jul 2020 23:26
 Operator : CG/JU
 Sample : L3172-27
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP11-SS

Quant Time: Jul 03 00:39:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

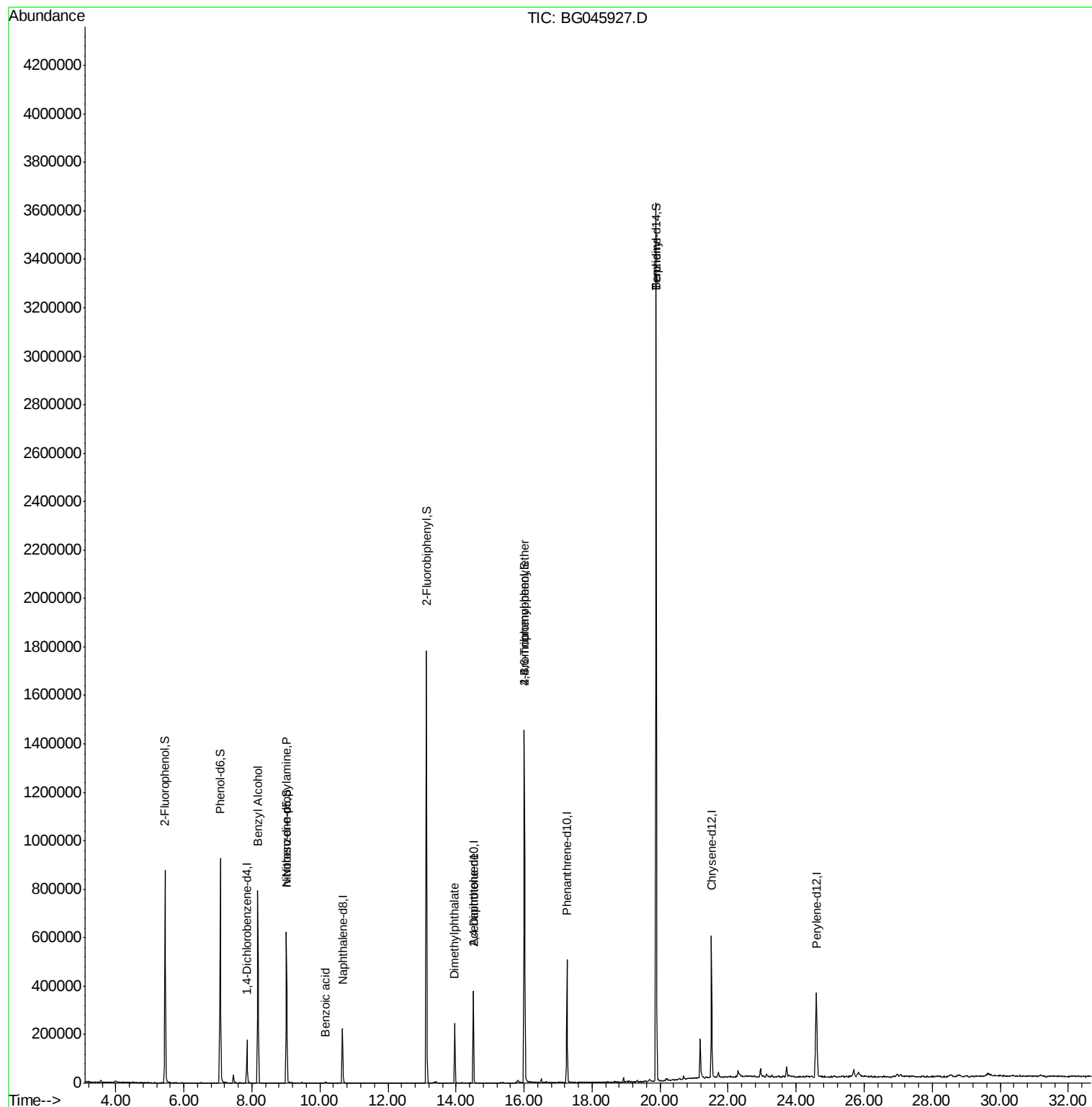
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	52353	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	197751	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	138245	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	326341	20.00	ng	0.00
76) Chrysene-d12	21.51	240	345904	20.00	ng	0.00
86) Perylene-d12	24.59	264	364500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	404183	130.41	ng	0.00
7) Phenol-d6	7.07	99	590479	125.26	ng	0.00
23) Nitrobenzene-d5	9.02	82	415351	95.95	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	302300	144.84	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	936577	99.56	ng	0.00
79) Terphenyl-d14	19.88	244	1666095	97.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.18	79	7841	2.149	ng	# 66
19) n-Nitroso-di-n-propylamine	9.02	70	57957	18.700	ng	# 82
32) Benzoic acid	10.16	122	2498	10.044	ng	# 8
50) Dimethylphthalate	13.96	163	163558	15.102	ng	# 97
57) 2,4-Dinitrotoluene	14.51	165	17623	5.057	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	19674	4.640	ng	# 1
77) Benzidine	19.88	184	32573	3.622	ng	# 88

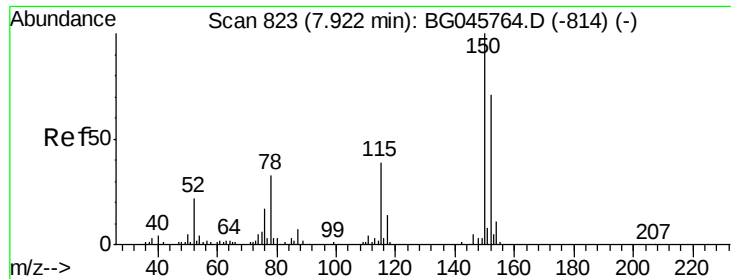
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration



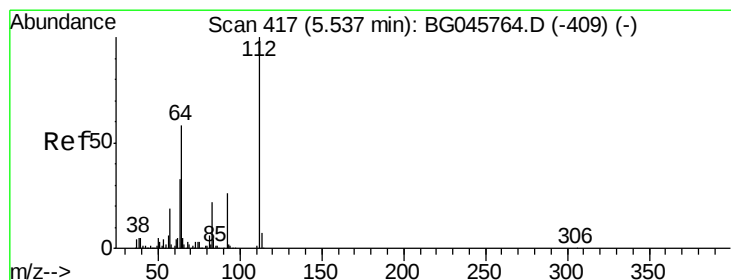
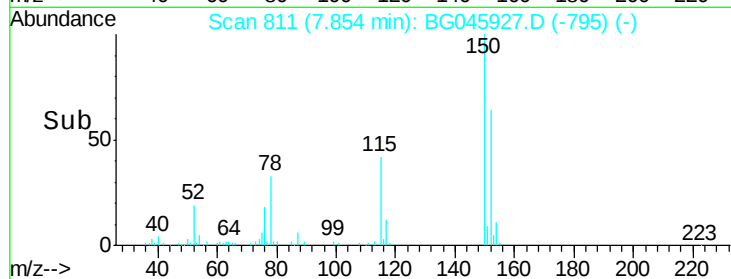
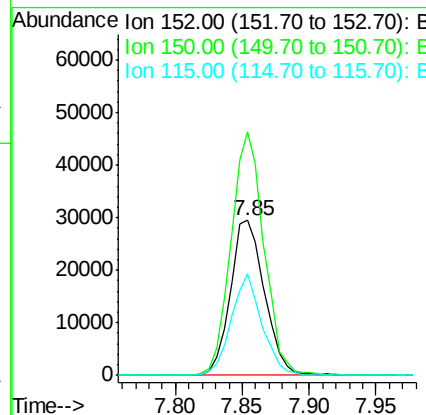
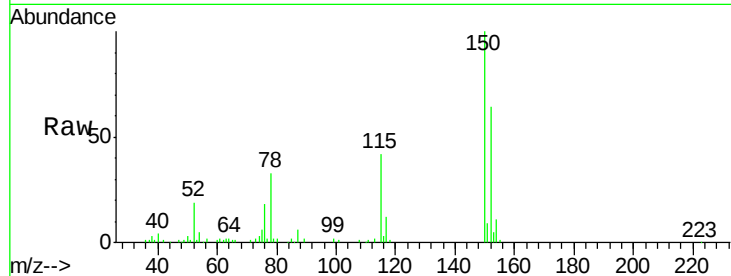


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Instrument :
BNA_G
ClientSampleId :
TP11-SS

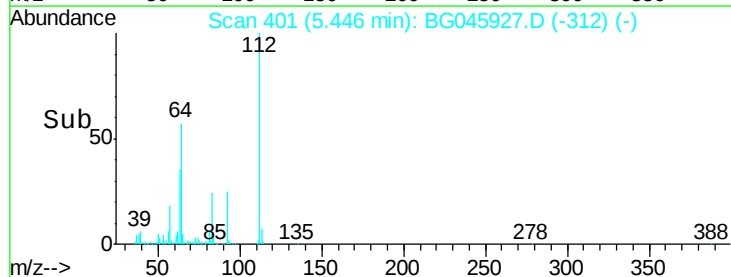
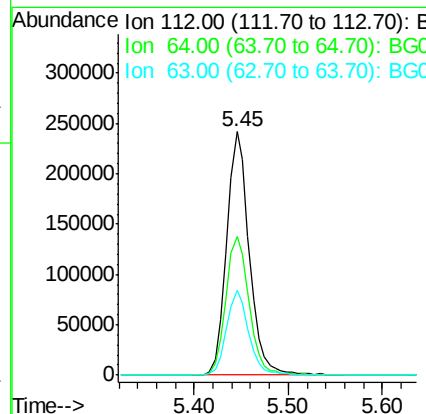
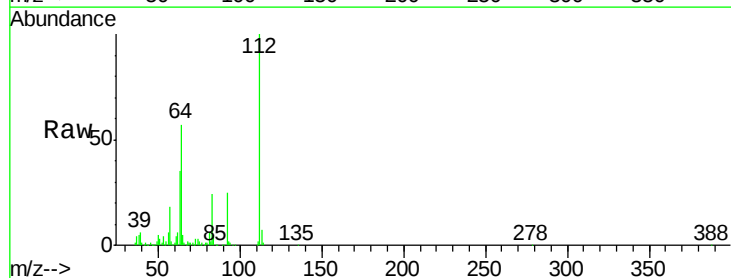
Tot Ion:152 Resp: 52353
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 65.4 45.8 68.8

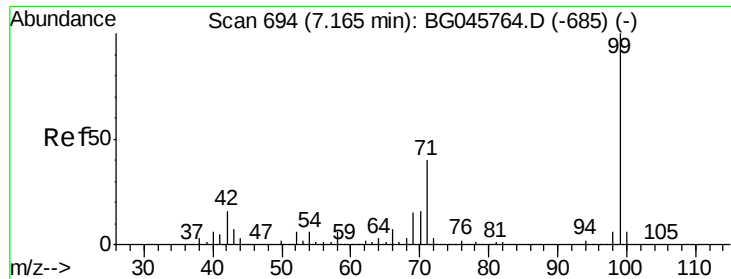


#5

2-Fluorophenol
Concen: 130.415 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Tgt Ion:112 Resp: 404183
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 34.9 26.9 40.3





#7

Phenol-d6

Concen: 125.256 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045927.D

Acq: 2 Jul 2020 23:26

Instrument :

BNA_G

ClientSampleId :

TP11-SS

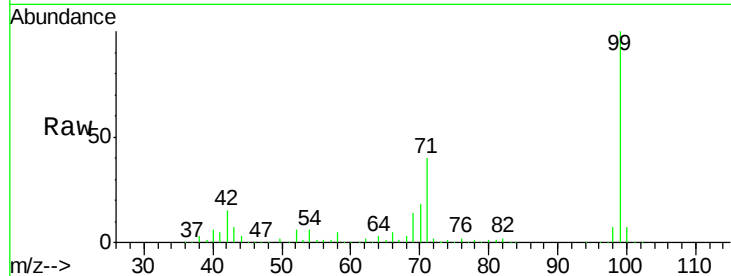
Tot Ion: 99 Resp: 590479

Ion Ratio Lower Upper

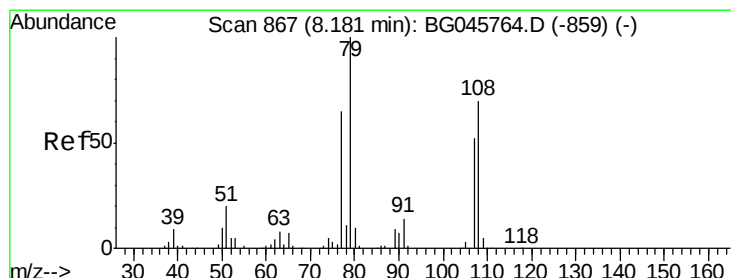
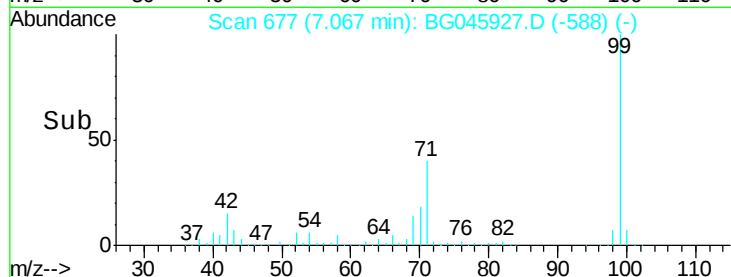
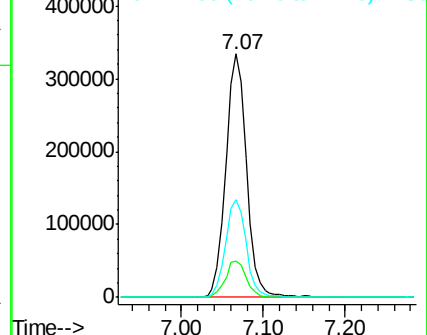
99 100

42 14.9 11.8 17.8

71 40.1 31.0 46.6



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: 2.149 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.07 min

Lab File: BG045927.D

Acq: 2 Jul 2020 23:26

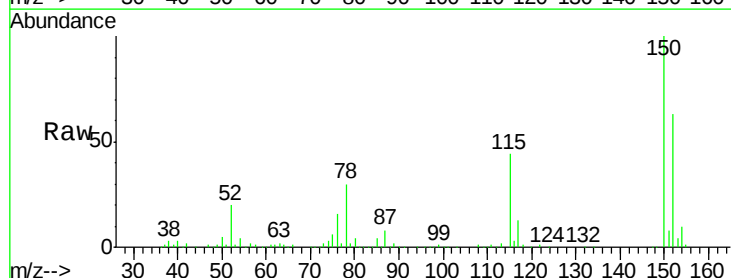
Tgt Ion: 79 Resp: 7841

Ion Ratio Lower Upper

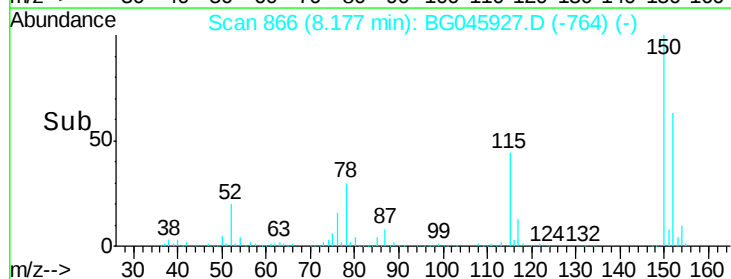
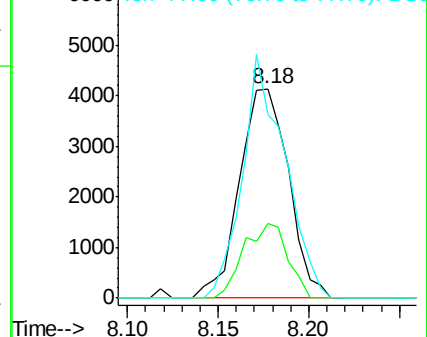
79 100

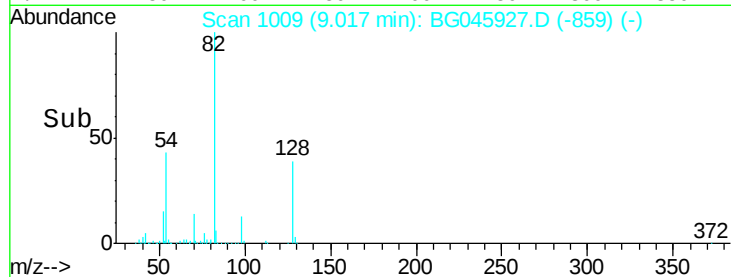
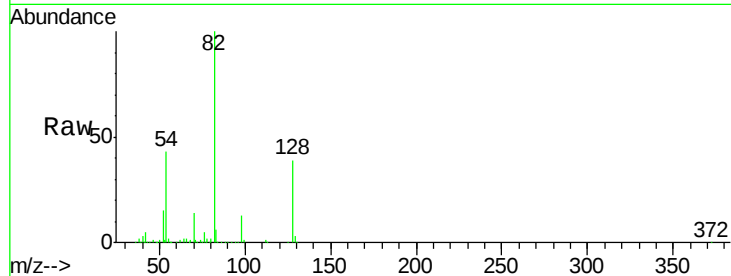
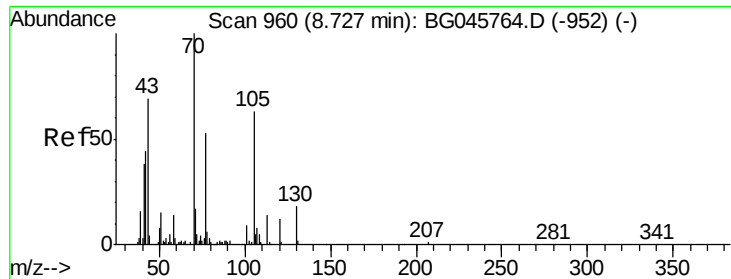
108 35.7 50.7 76.1#

77 88.0 50.4 75.6#



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

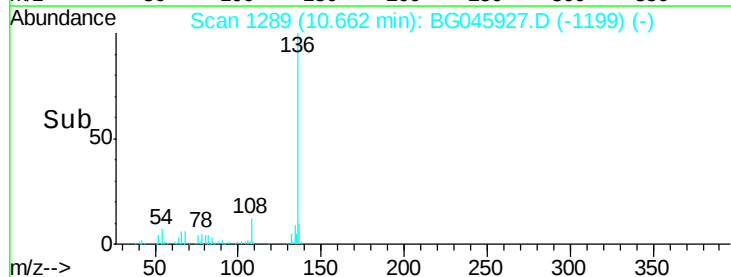
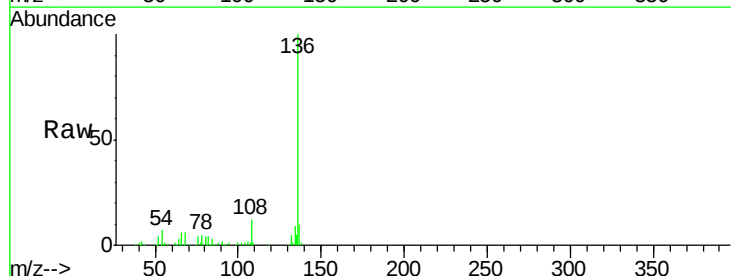
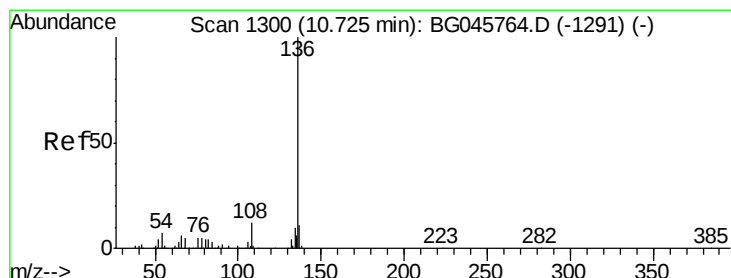
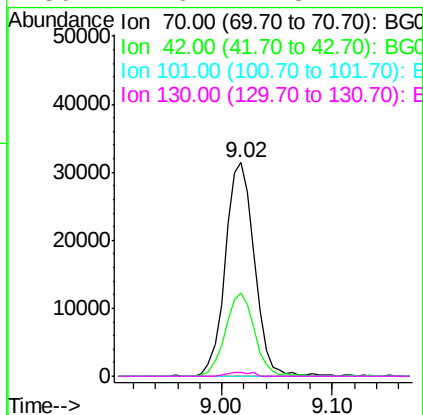




#19
n-Nitroso-di-n-propylamine
Concen: 18.700 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

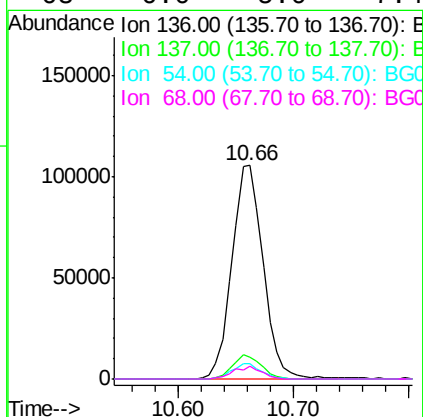
Instrument :
BNA_G
ClientSampleId :
TP11-SS

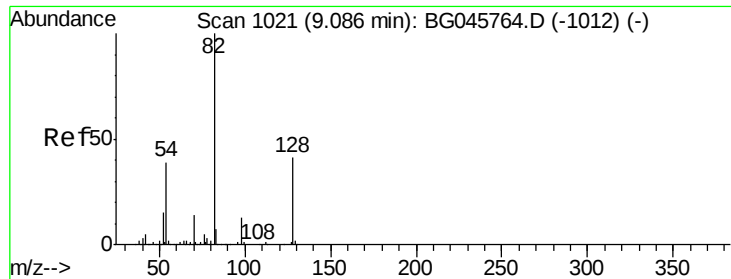
Tot Ion:	70	Resp:	57957
Ion	Ratio	Lower	Upper
70	100		
42	39.0	35.6	53.4
101	0.0	6.6	10.0#
130	1.6	14.8	22.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Tgt Ion:	136	Resp:	197751
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.4
54	7.2	4.6	7.0#
68	6.0	5.0	7.4

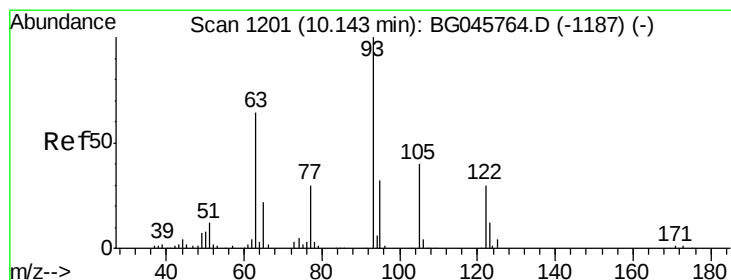
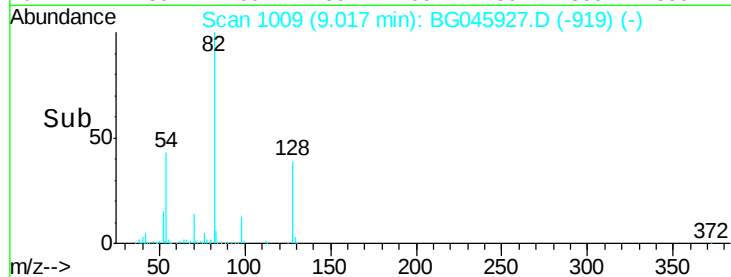
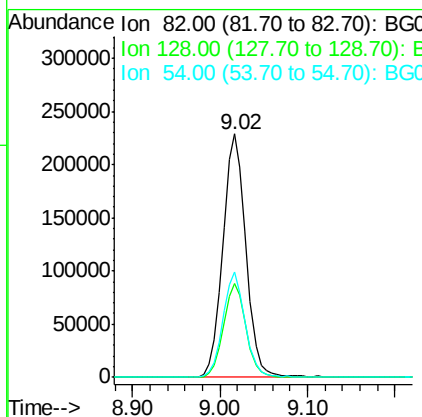
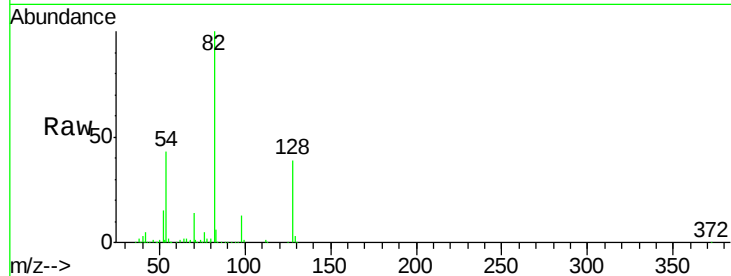




#23
 Nitrobenzene-d5
 Concen: 95.952 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045927.D
 Acq: 2 Jul 2020 23:26

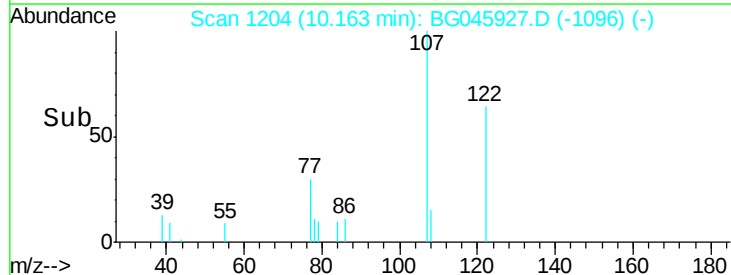
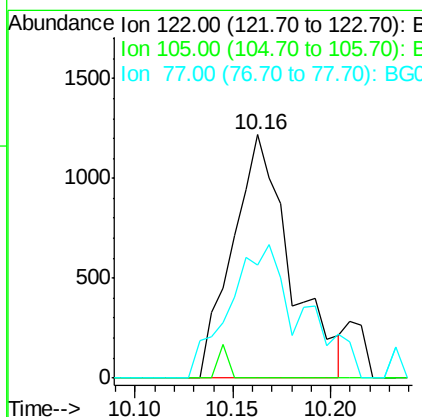
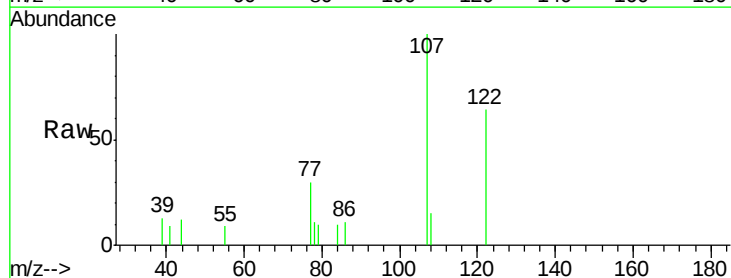
Instrument :
 BNA_G
 ClientSampleId :
 TP11-SS

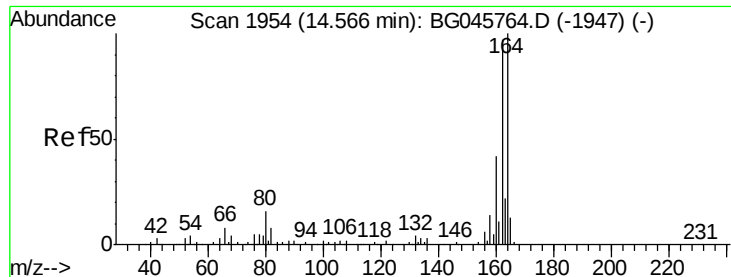
Tot Ion: 82 Resp: 415351
 Ion Ratio Lower Upper
 82 100
 128 38.7 29.9 44.9
 54 43.4 33.3 49.9



#32
 Benzoic acid
 Concen: 10.044 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.10 min
 Lab File: BG045927.D
 Acq: 2 Jul 2020 23:26

Tgt Ion: 122 Resp: 2498
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.1 163.1#
 77 46.7 93.9 133.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045927.D

Acq: 2 Jul 2020 23:26

Instrument :

BNA_G

ClientSampleId :

TP11-SS

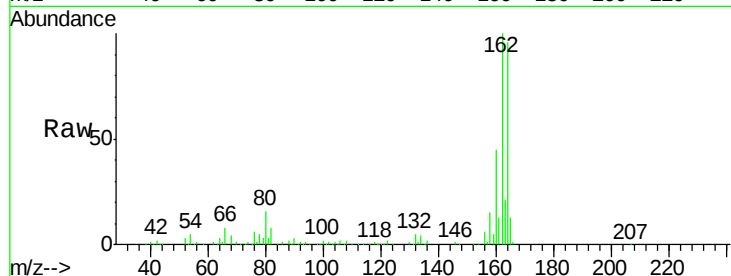
Tot Ion:164 Resp: 138245

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

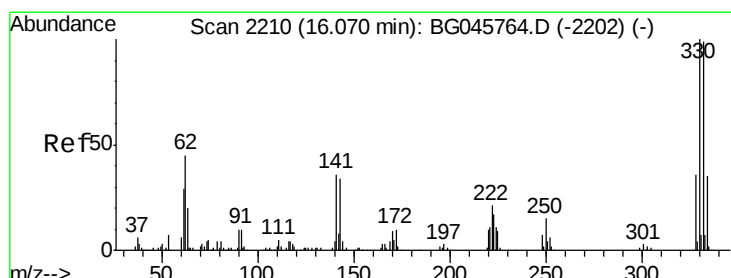
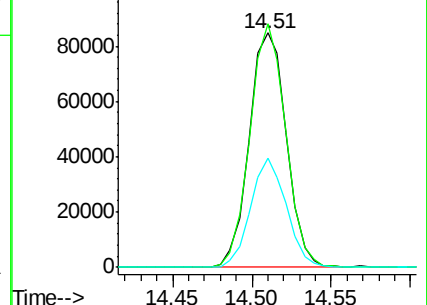
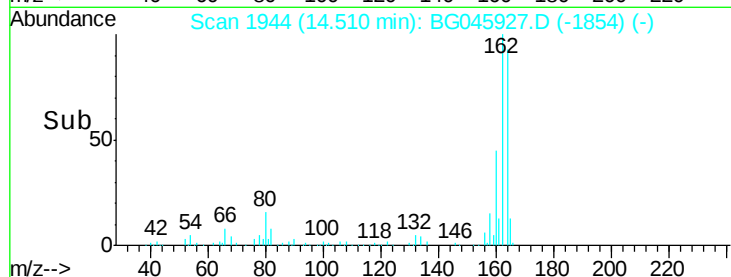
160 46.5 33.8 50.6



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: 144.839 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045927.D

Acq: 2 Jul 2020 23:26

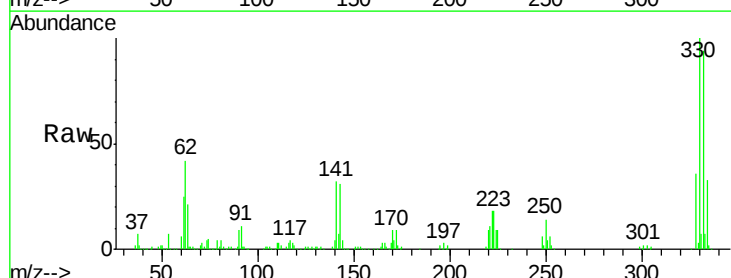
Tgt Ion:330 Resp: 302300

Ion Ratio Lower Upper

330 100

332 96.0 79.4 119.0

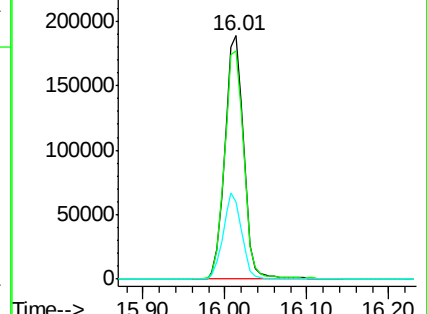
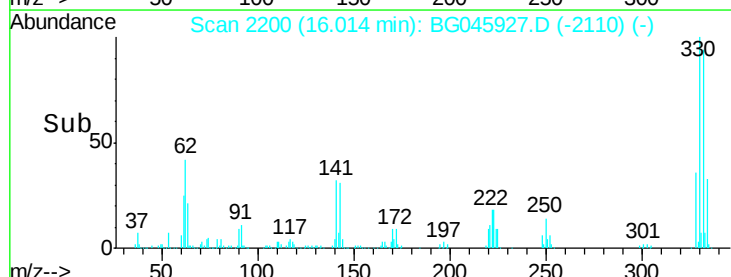
141 34.9 28.2 42.2

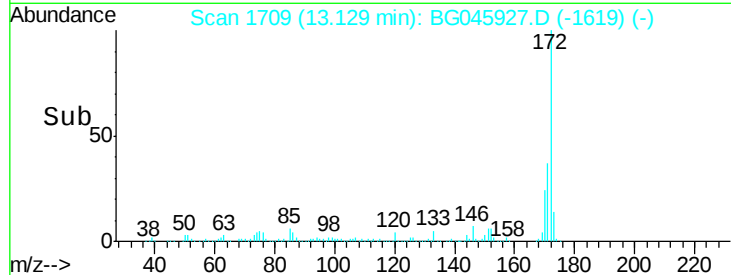
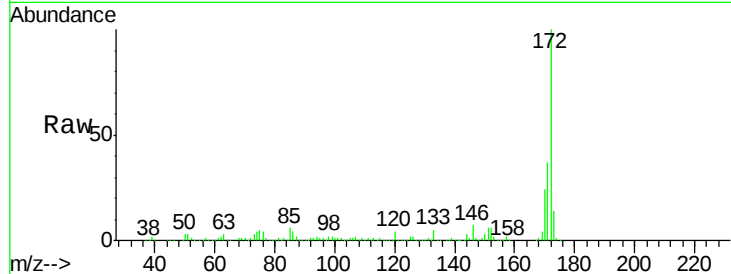
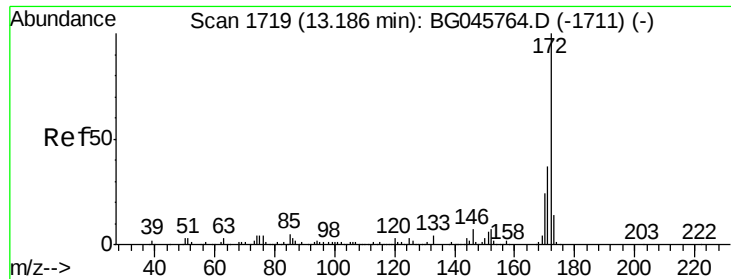


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

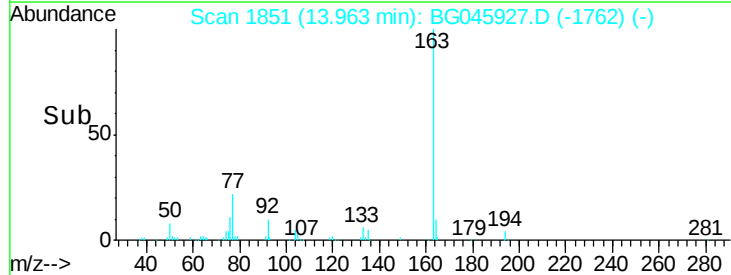
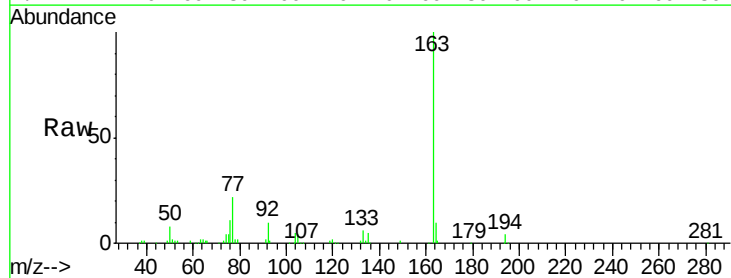
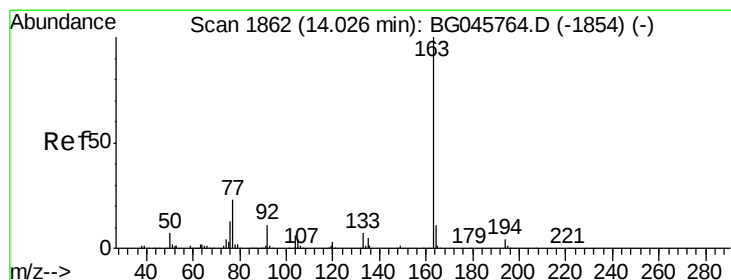
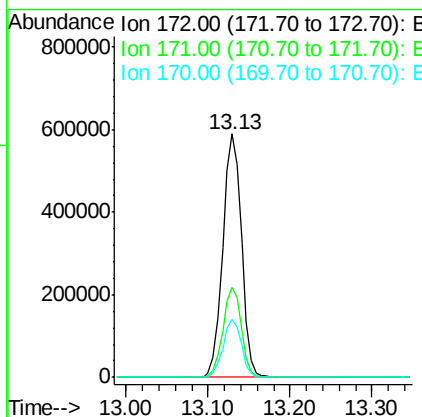




#45
2-Fluorobiphenyl
Concen: 99.559 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

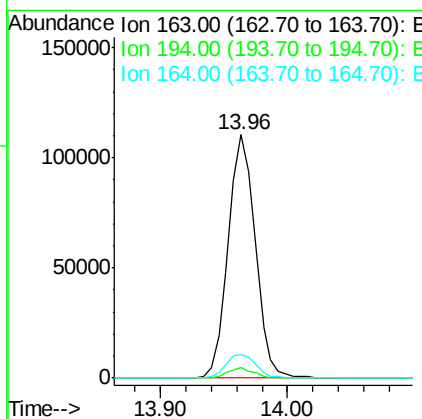
Instrument :
BNA_G
ClientSampleId :
TP11-SS

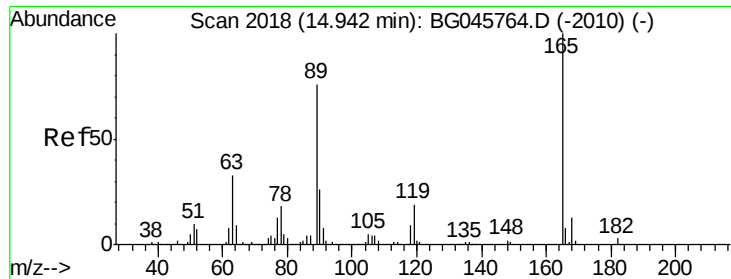
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	23.6	18.9	28.3



#50
Dimethylphthalate
Concen: 15.102 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.5	8.7	13.1

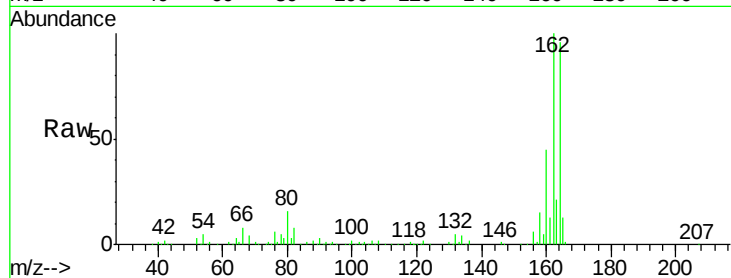




#57
 2,4-Dinitrotoluene
 Concen: 5.057 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG045927.D
 Acq: 2 Jul 2020 23:26

Instrument :
 BNA_G
 ClientSampleId :
 TP11-SS

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.5	51.7#
89	1.6	60.8	91.2#
182	0.0	2.3	3.5#

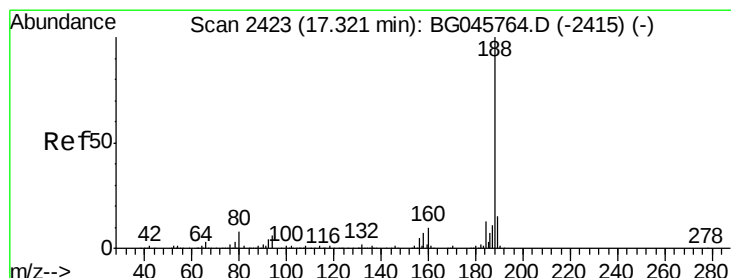
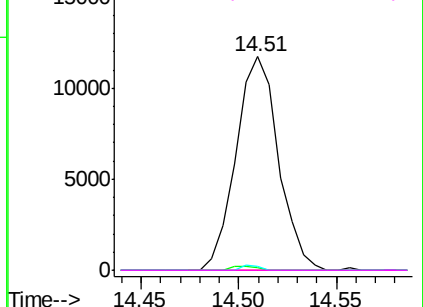
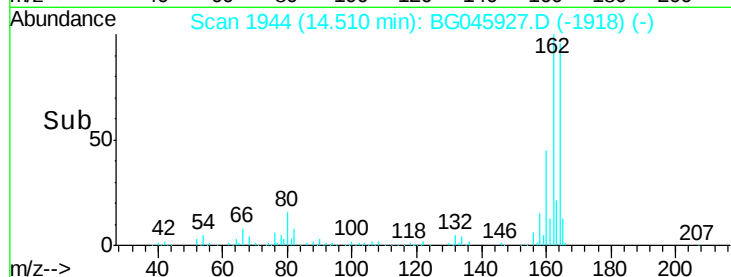


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

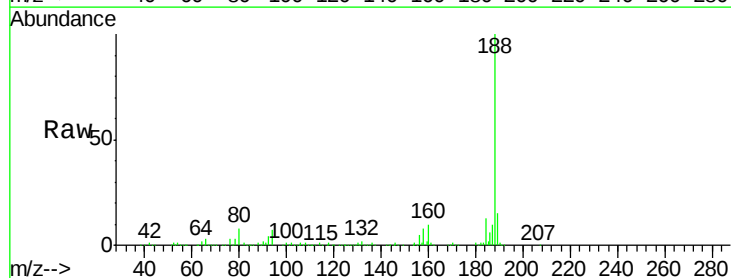
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG045927.D
 Acq: 2 Jul 2020 23:26

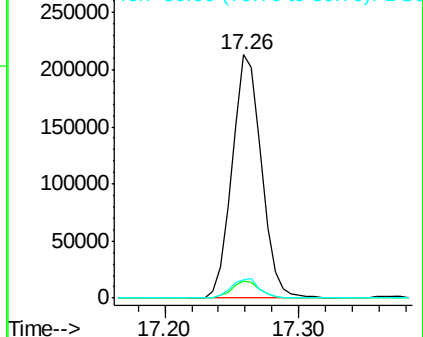
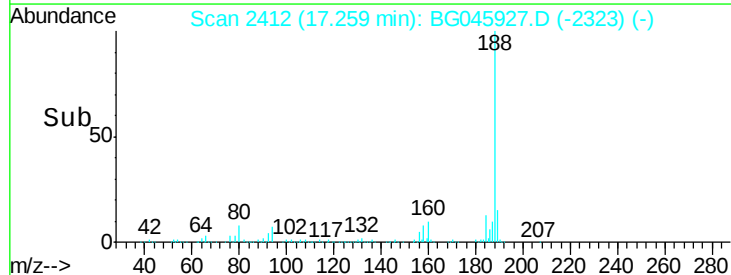
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.6	6.1	9.1

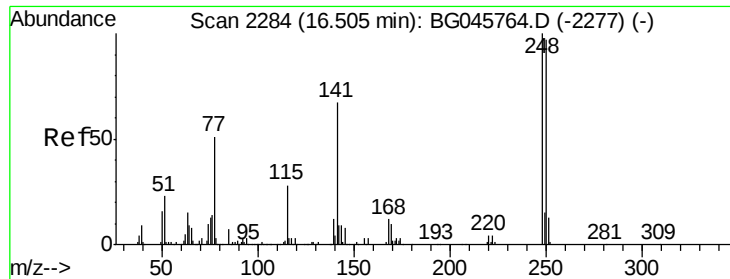


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

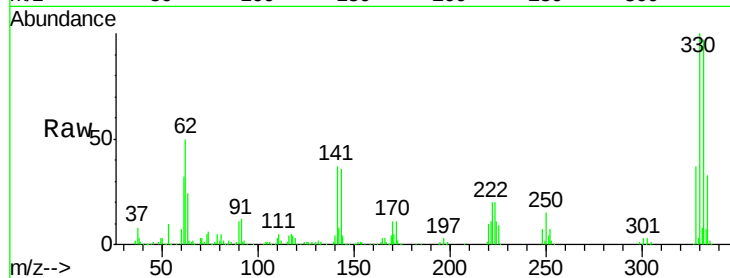




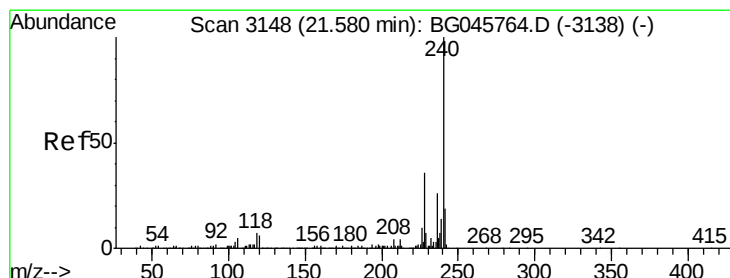
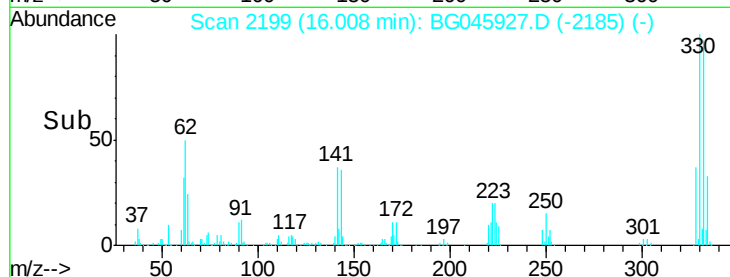
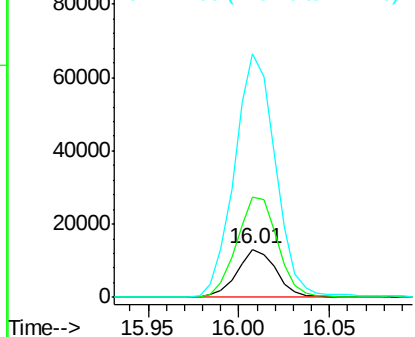
#67
4-Bromophenyl-phenylether
Concen: 4.640 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Instrument :
BNA_G
ClientSampleId :
TP11-SS

Tot Ion:248 Resp: 19674
Ion Ratio Lower Upper
248 100
250 208.8 77.2 115.8#
141 507.8 52.6 79.0#

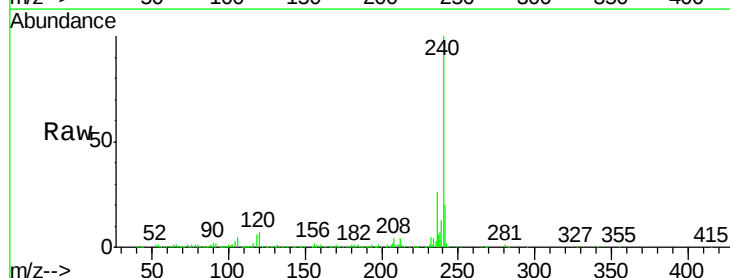


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

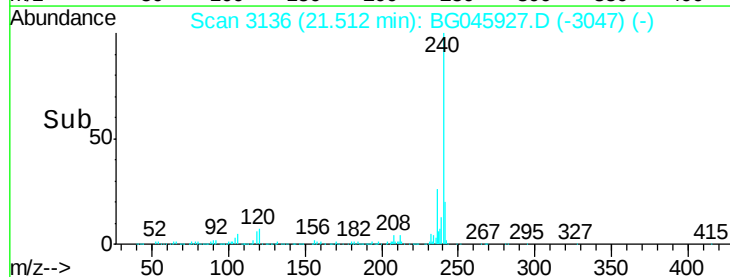
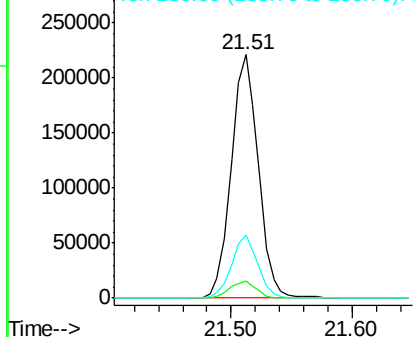


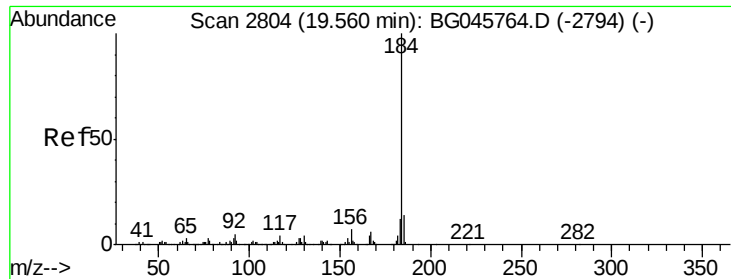
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Tgt Ion:240 Resp: 345904
Ion Ratio Lower Upper
240 100
120 7.2 5.2 7.8
236 25.8 20.8 31.2



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: 3.622 ng

RT: 19.88 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045927.D

Acq: 2 Jul 2020 23:26

Instrument :

BNA_G

ClientSampleId :

TP11-SS

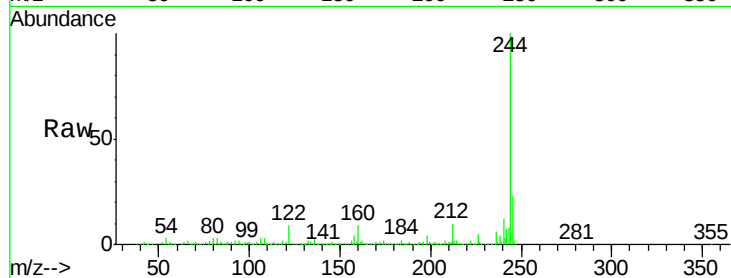
Tot Ion:184 Resp: 32573

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

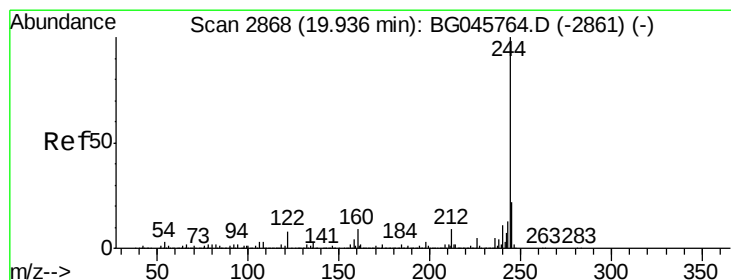
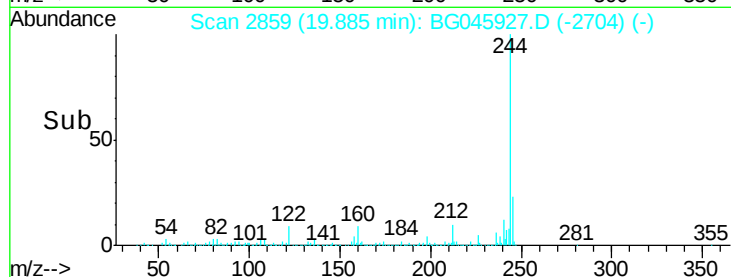
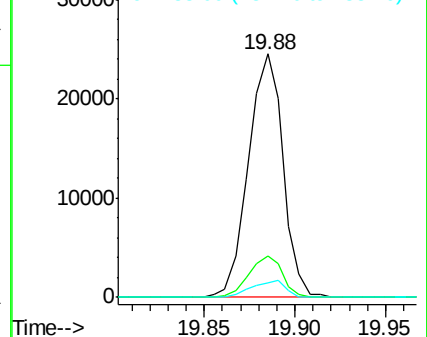
183 6.2 10.6 15.8#



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: 97.614 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045927.D

Acq: 2 Jul 2020 23:26

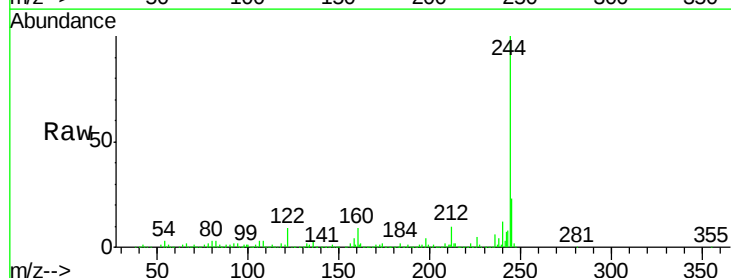
Tgt Ion:244 Resp: 1666095

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

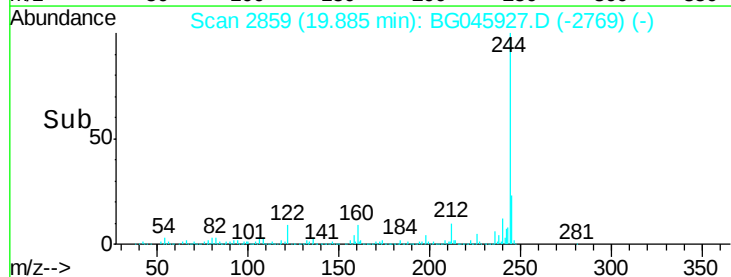
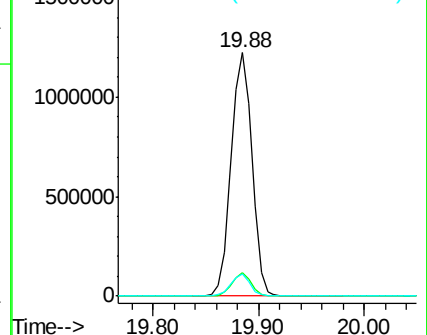
122 8.8 6.6 9.8

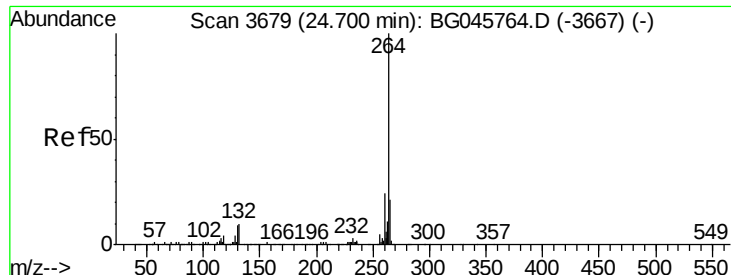


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045927.D
Acq: 2 Jul 2020 23:26

Instrument :
BNA_G
ClientSampleId :
TP11-SS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.6	16.4	24.6

