

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045923.D
 Acq On : 2 Jul 2020 20:45
 Operator : CG/JU
 Sample : L3172-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP8-SS

Quant Time: Jul 03 00:38:30 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

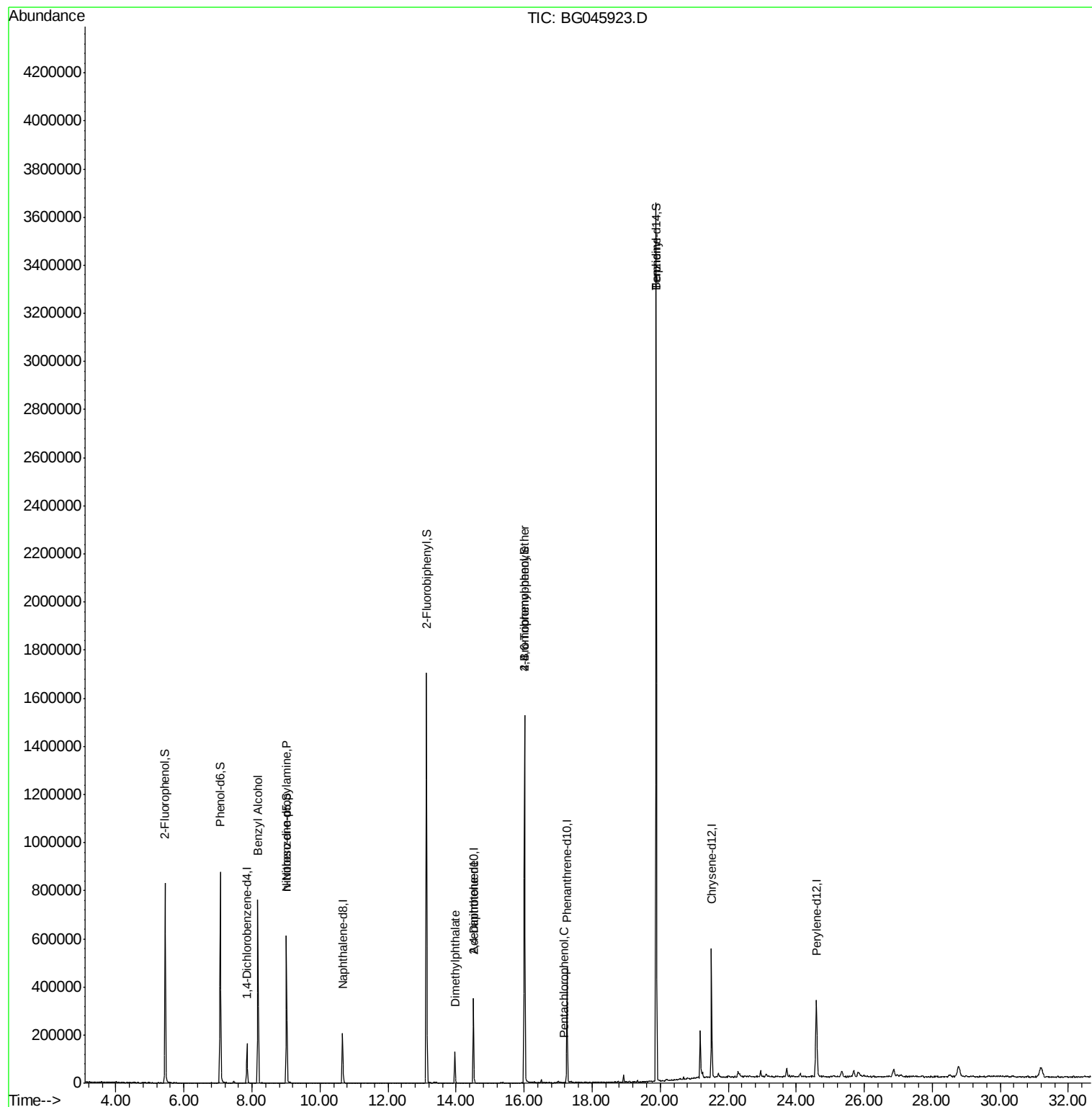
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	48001	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	181866	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	130004	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	302907	20.00	ng	0.00
76) Chrysene-d12	21.51	240	322526	20.00	ng	-0.01
86) Perylene-d12	24.59	264	336909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	394082	138.68	ng	0.00
7) Phenol-d6	7.07	99	569181	131.68	ng	-0.01
23) Nitrobenzene-d5	9.02	82	409089	102.76	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	293211	149.39	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	926534	104.73	ng	0.00
79) Terphenyl-d14	19.88	244	1657456	104.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.18	79	8019	2.397	ng	# 53
19) n-Nitroso-di-n-propylamine	9.02	70	58366	20.540	ng	# 81
50) Dimethylphthalate	13.97	163	89052	8.744	ng	# 98
57) 2,4-Dinitrotoluene	14.51	165	16727	5.104	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	19062	4.843	ng	# 1
70) Pentachlorophenol	17.18	266	65	7.662	ng	# 20
77) Benizidine	19.88	184	31393	3.744	ng	# 90

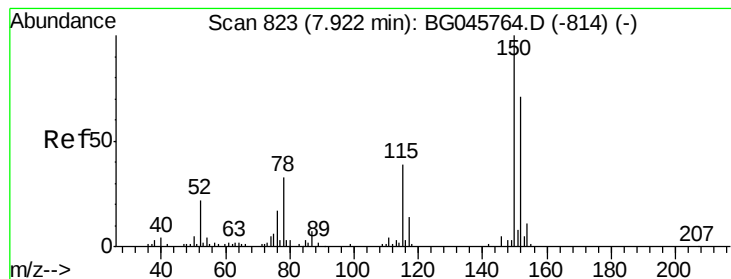
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045923.D
Acq On : 2 Jul 2020 20:45
Operator : CG/JU
Sample : L3172-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP8-SS

Quant Time: Jul 03 00:38:30 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



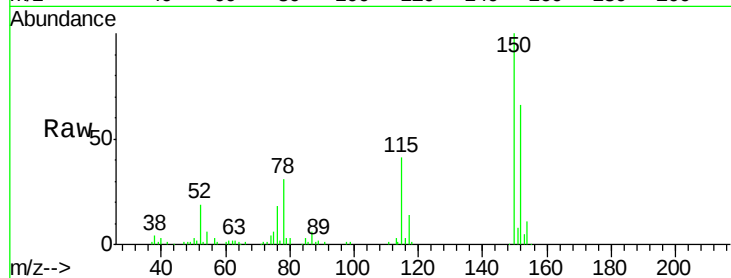


#1

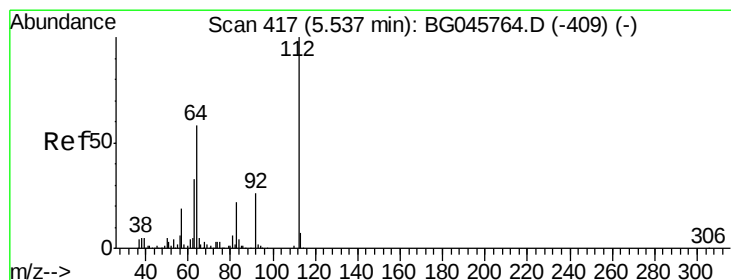
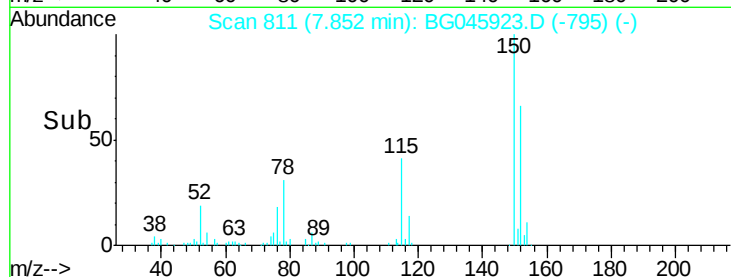
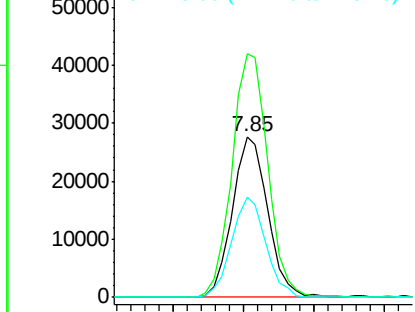
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Instrument :
 BNA_G
 ClientSampled :
 TP8-SS

Tot Ion:152 Resp: 48001
 Ion Ratio Lower Upper
 152 100
 150 151.5 124.5 186.7
 115 62.4 45.8 68.8



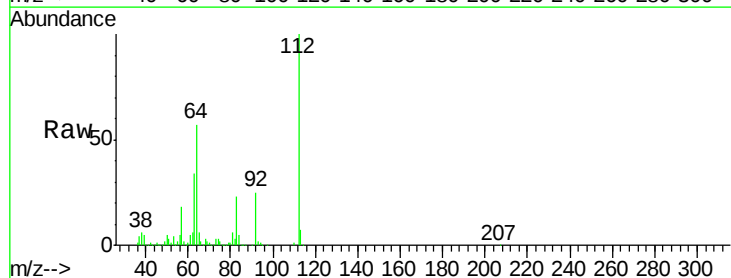
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



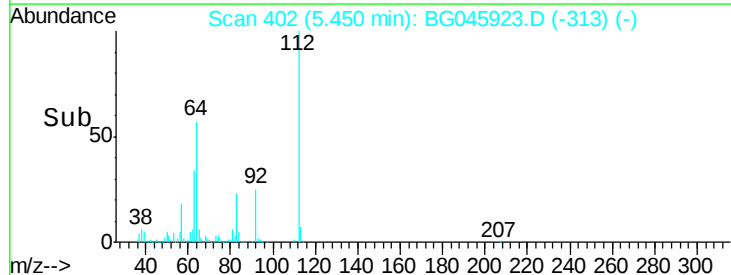
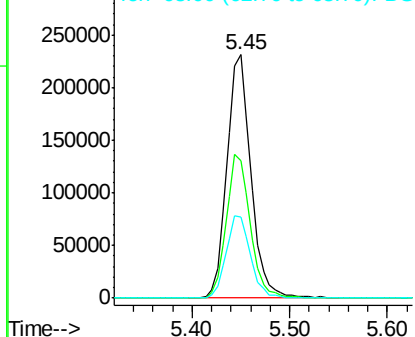
#5

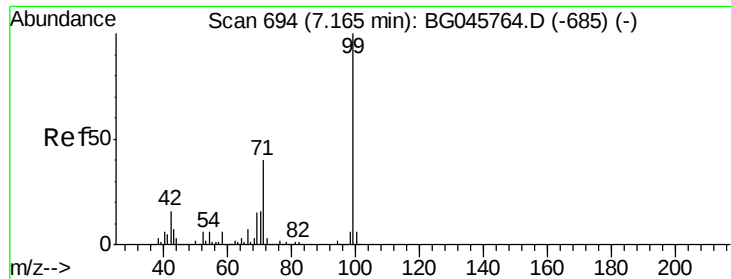
2-Fluorophenol
 Concen: 138.684 ng
 RT: 5.45 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Tgt Ion:112 Resp: 394082
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.9 67.3
 63 33.6 26.9 40.3



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





#7

Phenol-d6

Concen: 131.685 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA_G

ClientSampleId :

TP8-SS

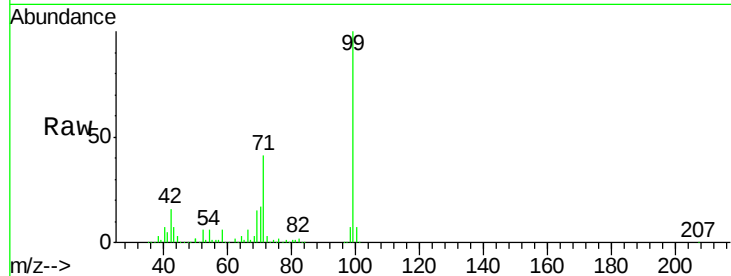
Tot Ion: 99 Resp: 569181

Ion Ratio Lower Upper

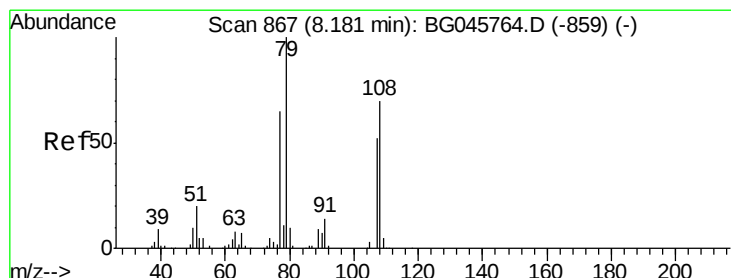
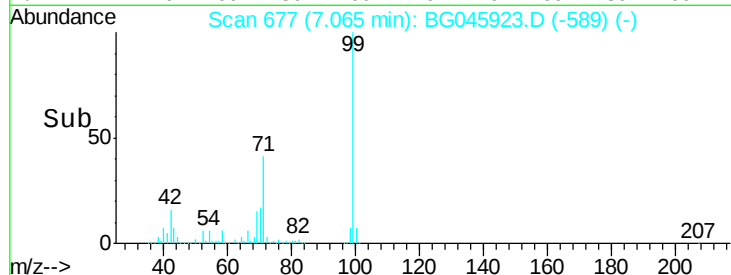
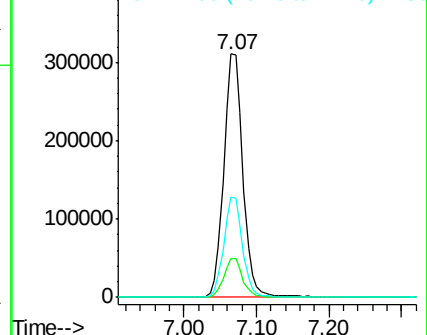
99 100

42 16.0 11.8 17.8

71 40.9 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: 2.397 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.07 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

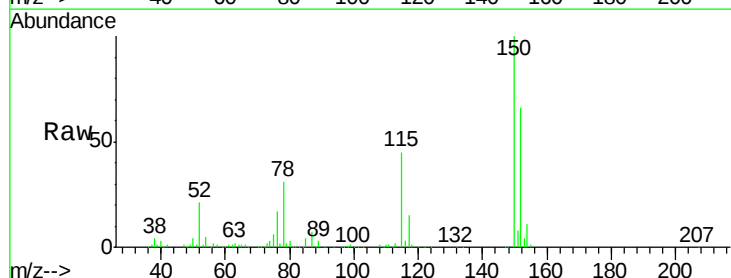
Tgt Ion: 79 Resp: 8019

Ion Ratio Lower Upper

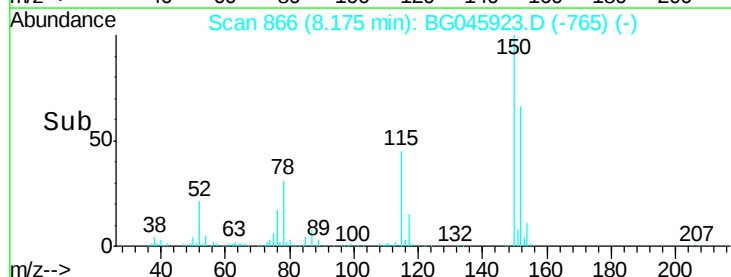
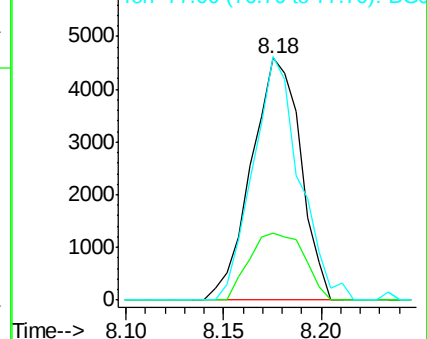
79 100

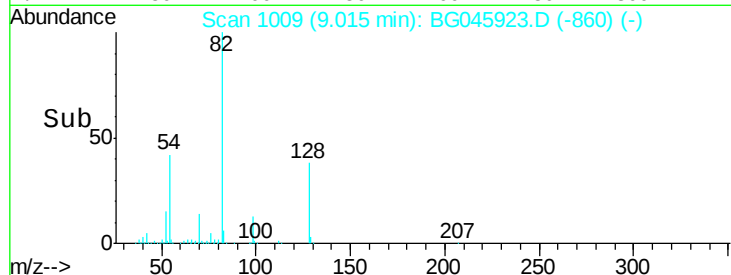
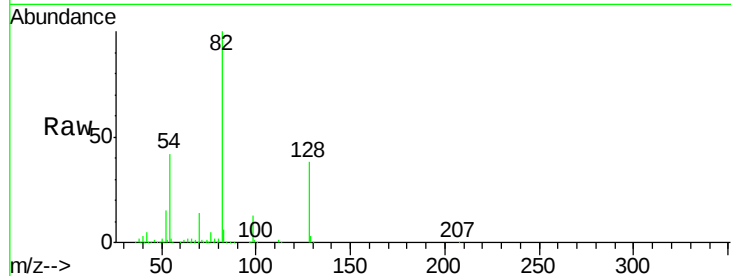
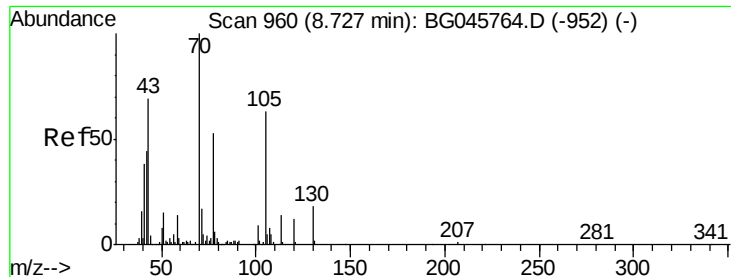
108 27.5 50.7 76.1#

77 100.5 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

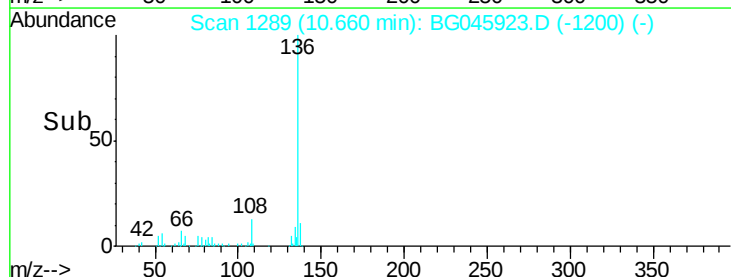
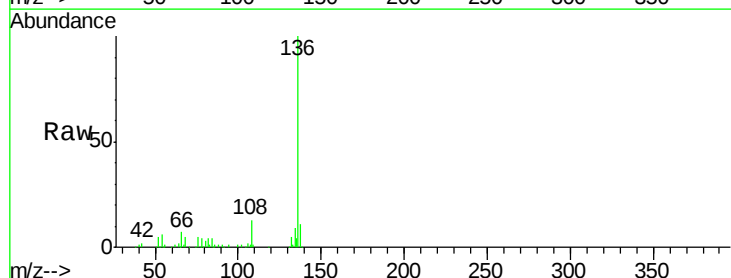
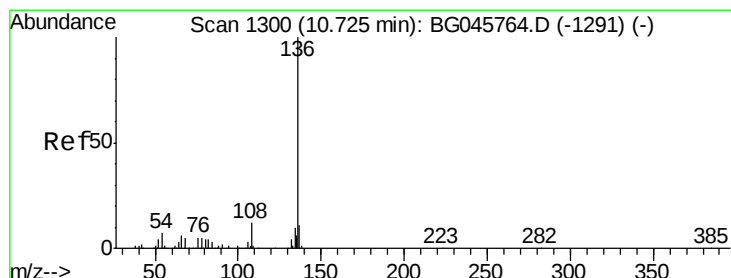
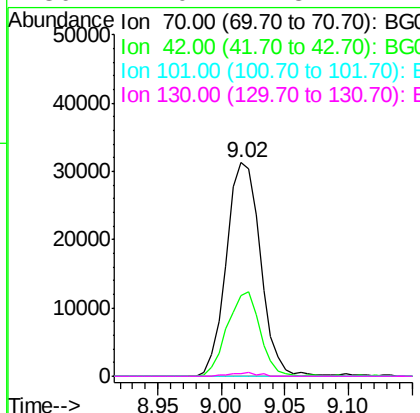




#19
n-Nitroso-di-n-propylamine
Concen: 20.540 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045923.D
Acq: 2 Jul 2020 20:45

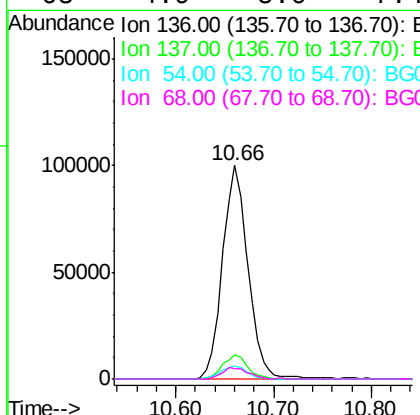
Instrument :
BNA_G
ClientSampleId :
TP8-SS

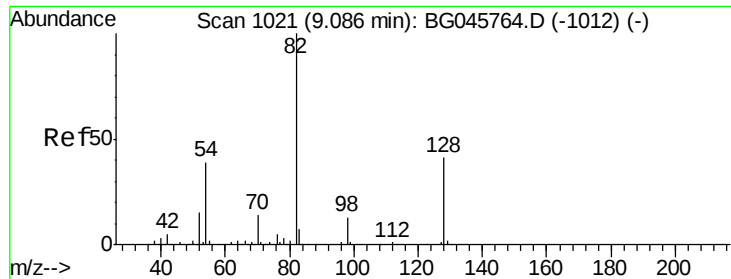
Tot Ion:	70	Resp:	58366
Ion	Ratio	Lower	Upper
70	100		
42	37.8	35.6	53.4
101	0.0	6.6	10.0#
130	1.0	14.8	22.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045923.D
Acq: 2 Jul 2020 20:45

Tgt Ion:	136	Resp:	181866
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	6.1	4.6	7.0
68	4.9	5.0	7.4#

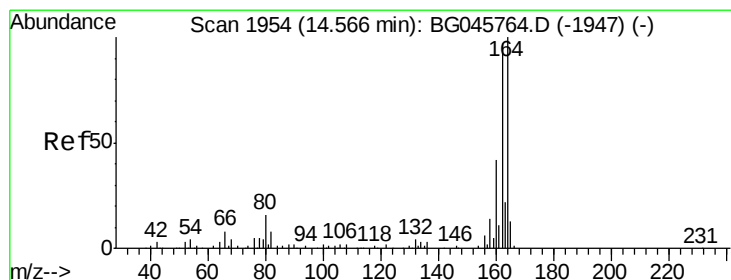
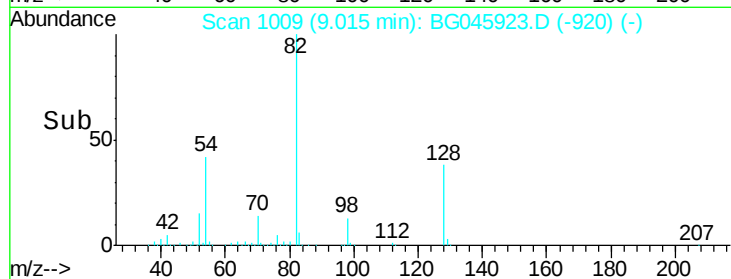
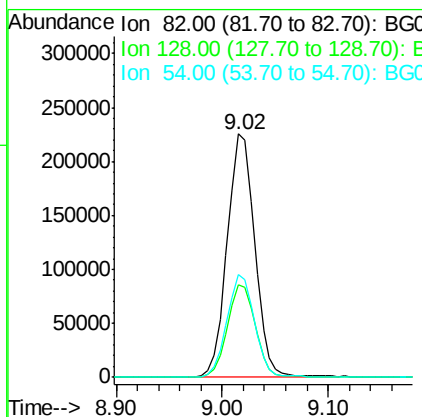
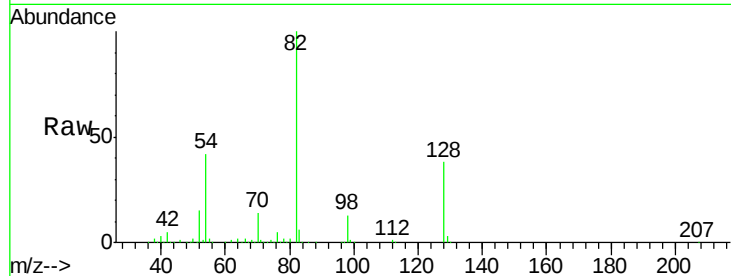




#23
 Nitrobenzene-d5
 Concen: 102.760 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

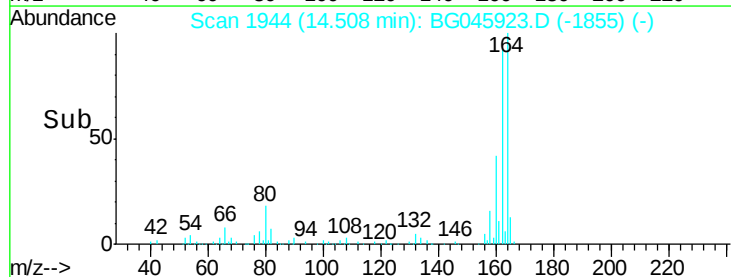
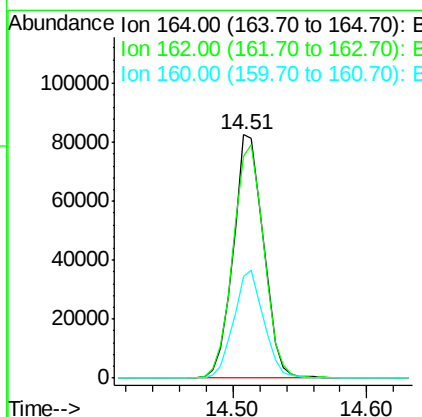
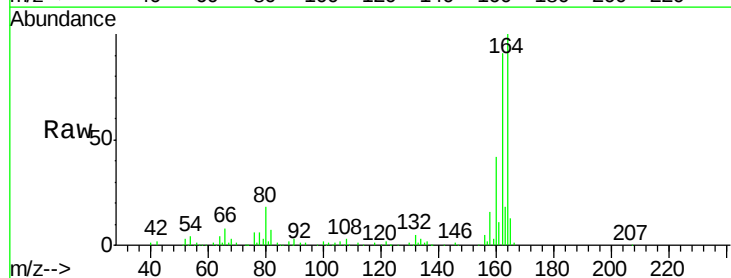
Instrument :
 BNA_G
 ClientSampleId :
 TP8-SS

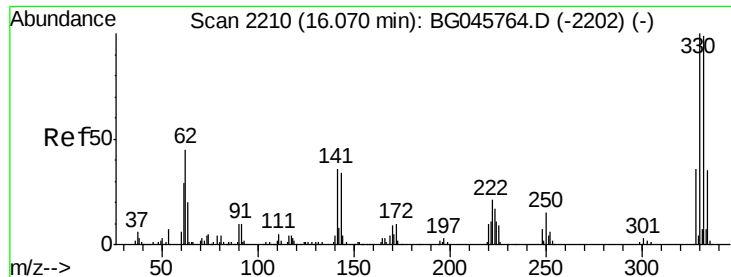
Tot Ion	82	Resp	409089
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.9	44.9
54	42.5	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Tgt Ion	164	Resp	130004
Ion	Ratio	Lower	Upper
164	100		
162	91.3	78.8	118.2
160	41.8	33.8	50.6

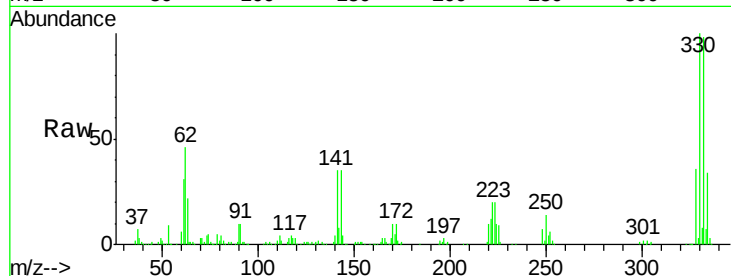




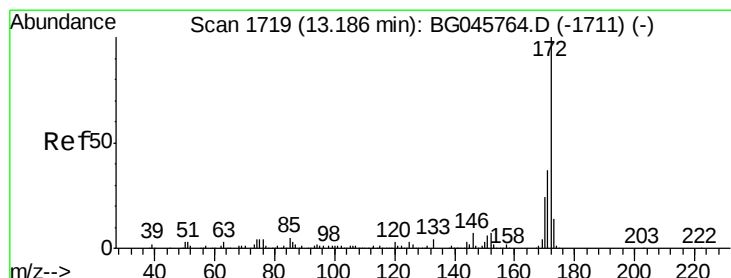
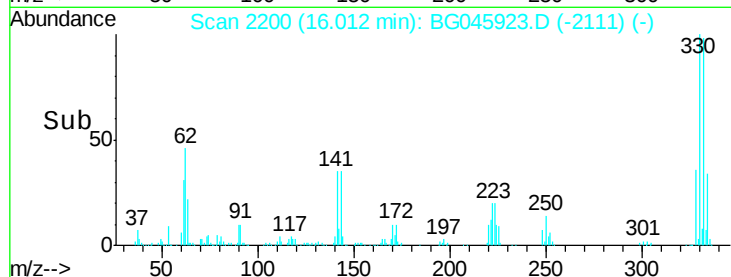
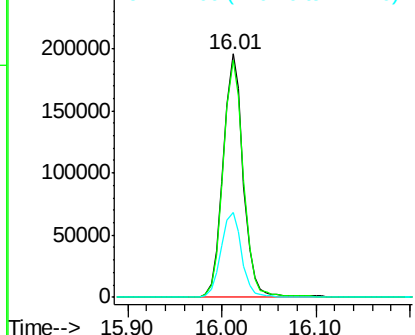
#42
 2,4,6-Tribromophenol
 Concen: 149.390 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP8-SS

Tot Ion:330 Resp: 293211
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.4 119.0
 141 35.6 28.2 42.2

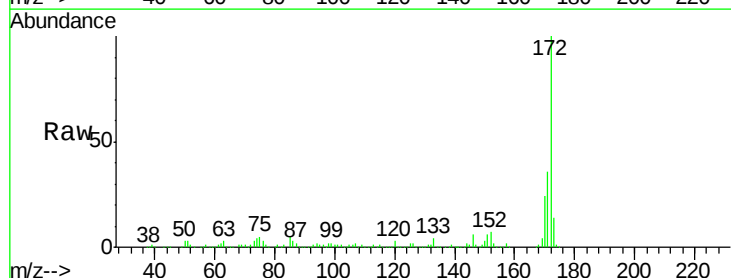


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

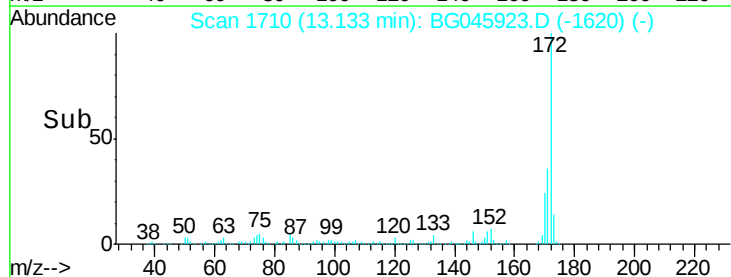
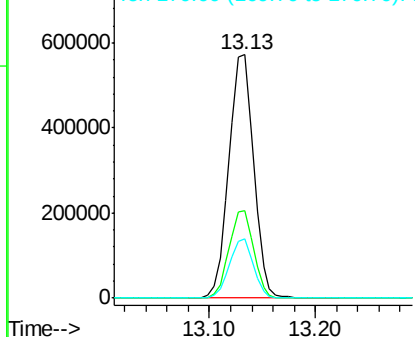


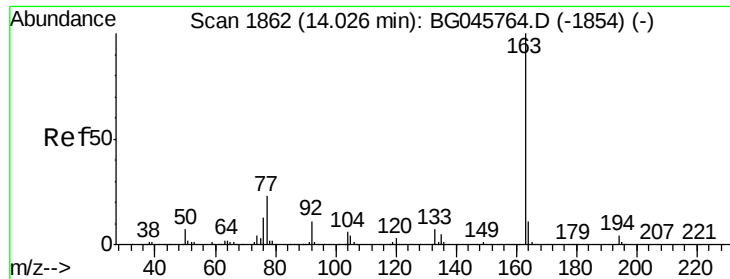
#45
 2-Fluorobiphenyl
 Concen: 104.735 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Tgt Ion:172 Resp: 926534
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.5 18.9 28.3



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





#50

Dimethylphthalate

Concen: 8.744 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA_G

ClientSampleId :

TP8-SS

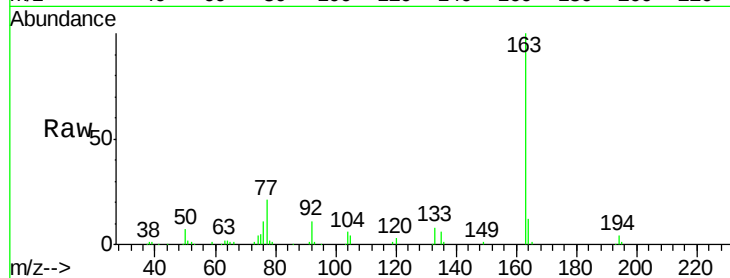
Tot Ion:163 Resp: 89052

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

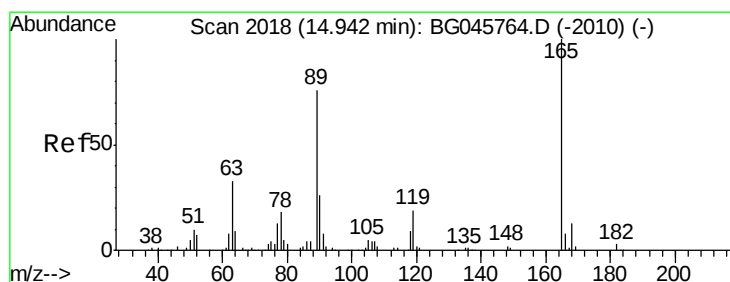
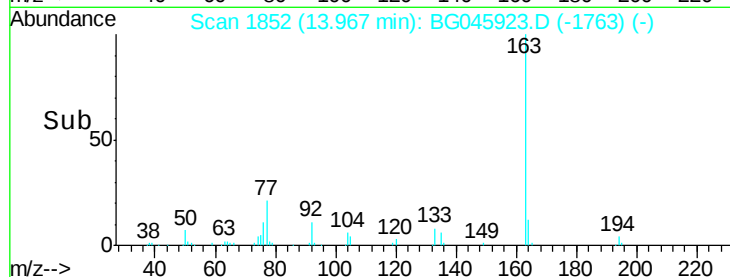
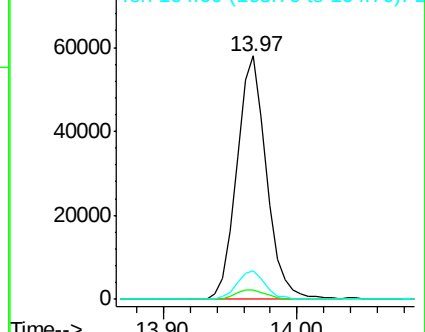
164 11.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.104 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.38 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Tgt Ion:165 Resp: 16727

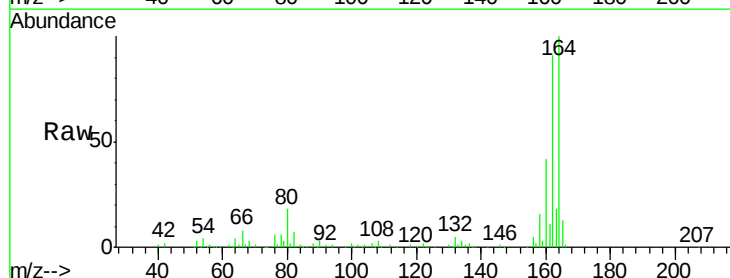
Ion Ratio Lower Upper

165 100

63 1.9 34.5 51.7#

89 1.5 60.8 91.2#

182 0.0 2.3 3.5#

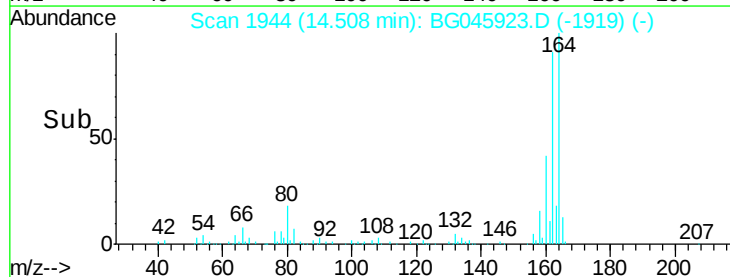
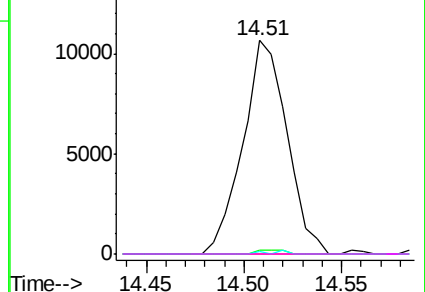


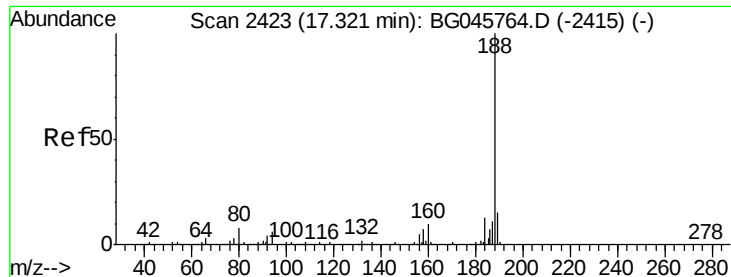
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2413

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA_G

ClientSampleId :

TP8-SS

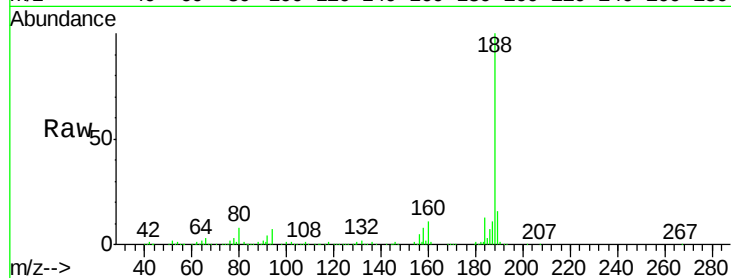
Tot Ion:188 Resp: 302907

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

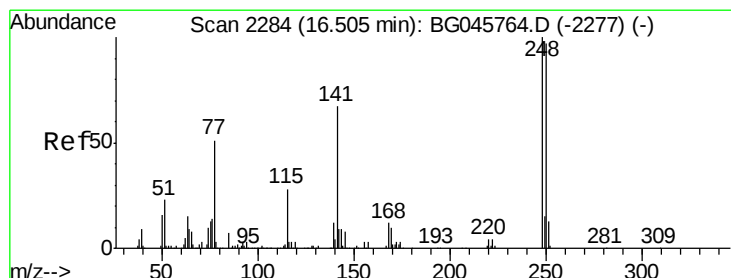
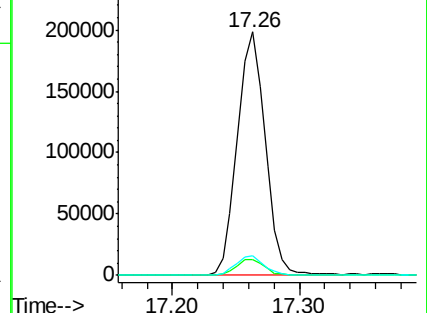
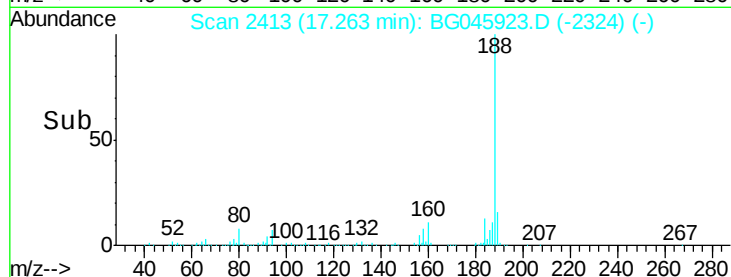
80 8.1 6.1 9.1



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: 4.843 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

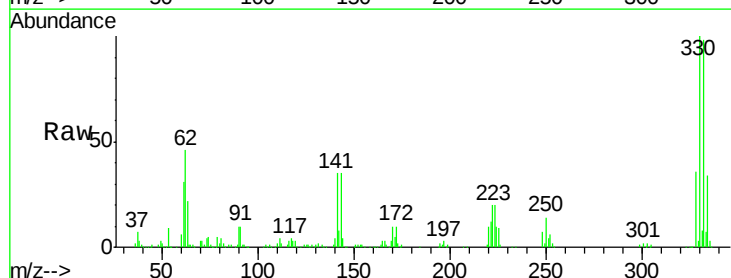
Tgt Ion:248 Resp: 19062

Ion Ratio Lower Upper

248 100

250 198.8 77.2 115.8#

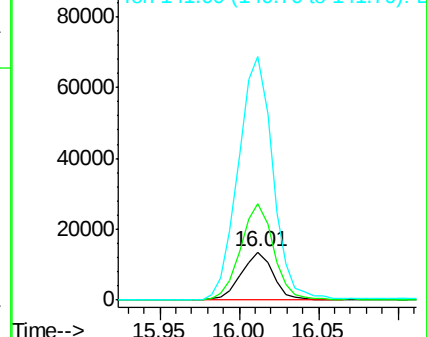
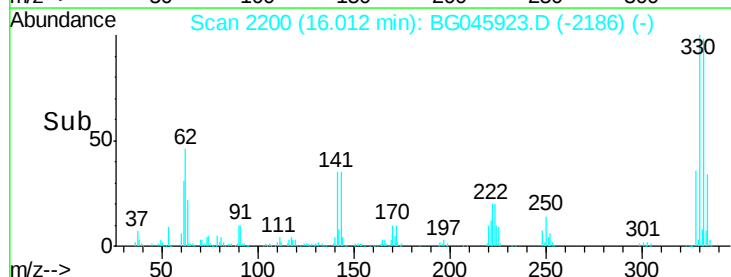
141 503.5 52.6 79.0#

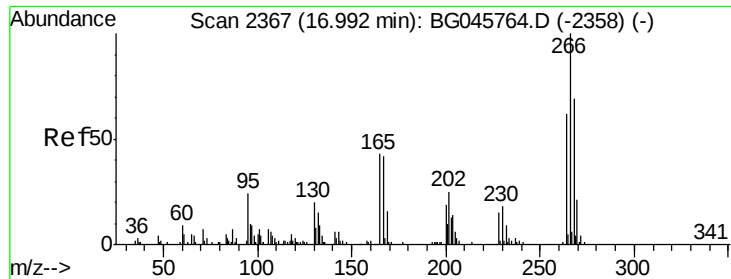


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

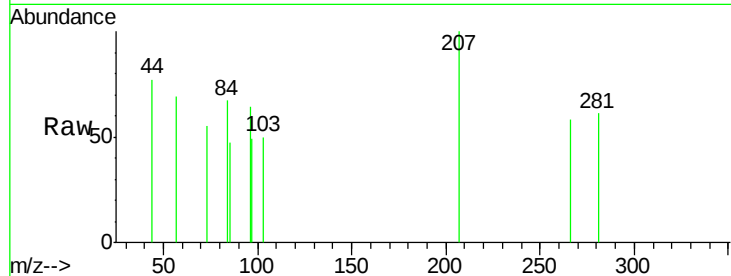




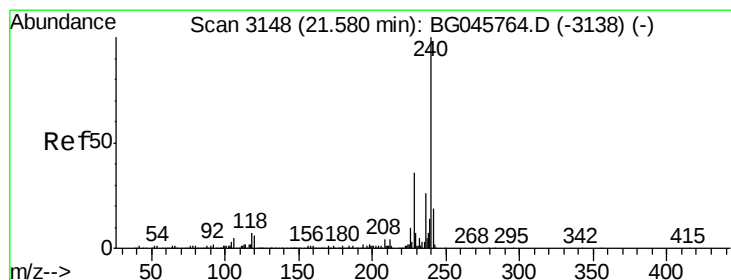
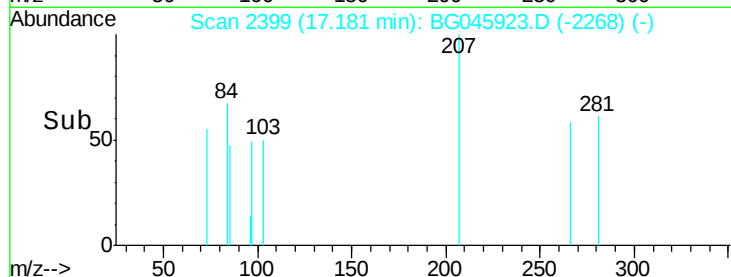
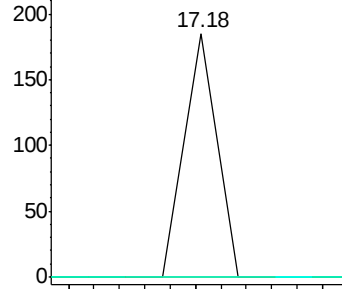
#70
 Pentachlorophenol
 Concen: 7.662 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. 0.24 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Instrument :
 BNA_G
 ClientSampled :
 TP8-SS

Tot Ion:266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.5 75.7#
 264 0.0 47.0 70.6#

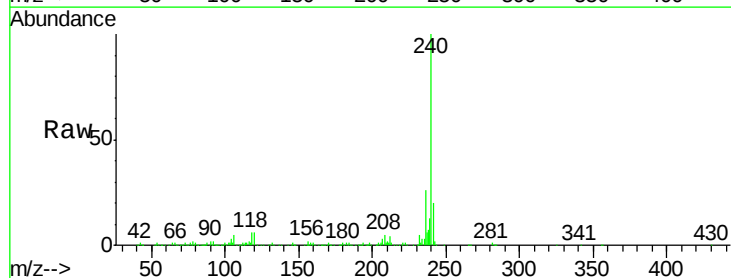


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

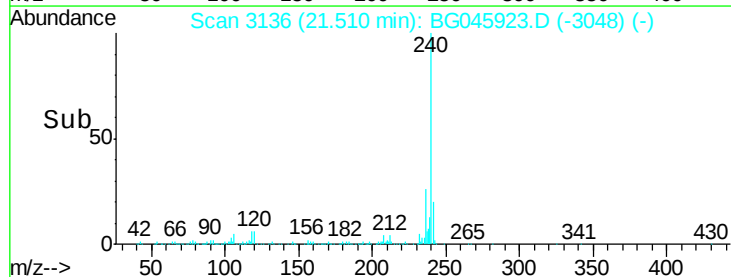
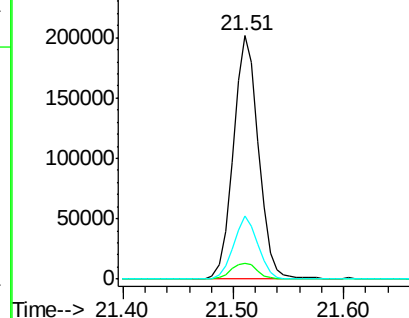


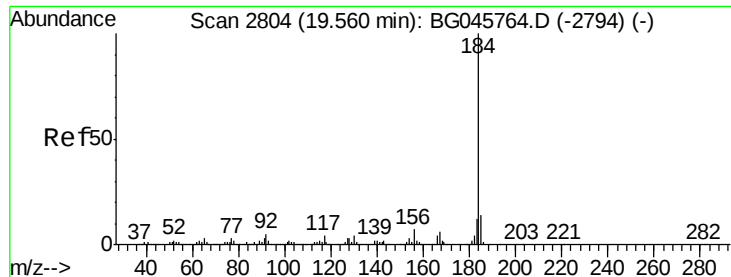
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG045923.D
 Acq: 2 Jul 2020 20:45

Tgt Ion:240 Resp: 322526
 Ion Ratio Lower Upper
 240 100
 120 6.3 5.2 7.8
 236 25.7 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: 3.744 ng

RT: 19.88 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

Instrument :

BNA_G

ClientSampleId :

TP8-SS

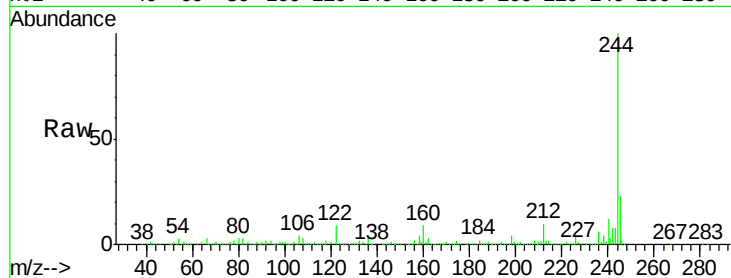
Tot Ion:184 Resp: 31393

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

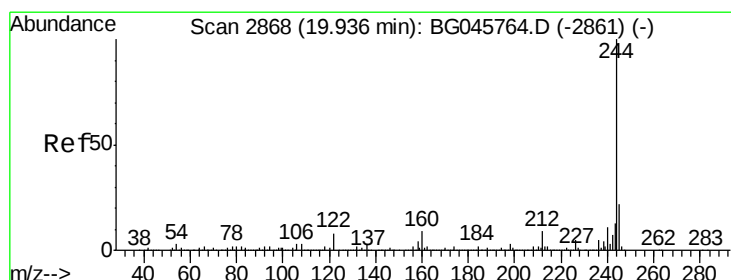
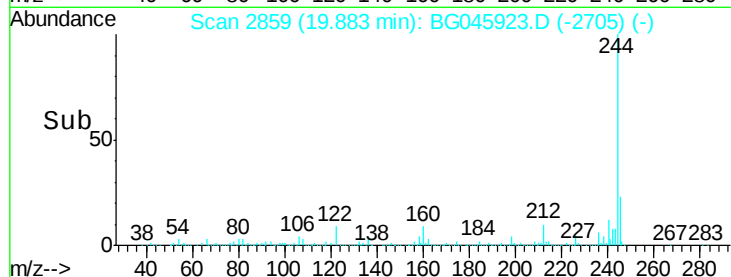
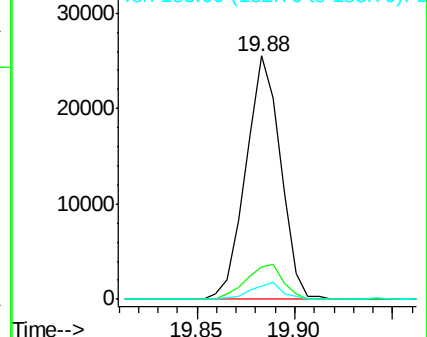
183 5.7 10.6 15.8#



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: 104.146 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045923.D

Acq: 2 Jul 2020 20:45

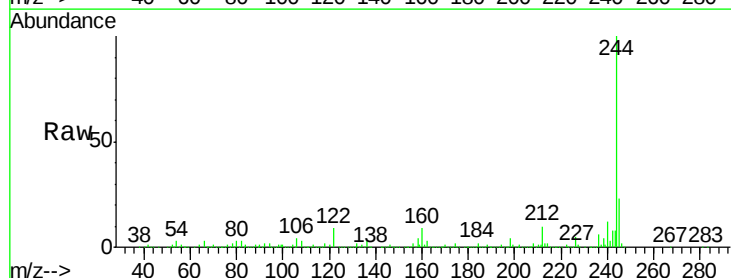
Tgt Ion:244 Resp: 1657456

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

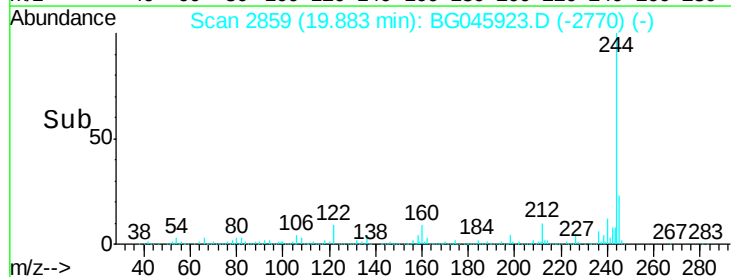
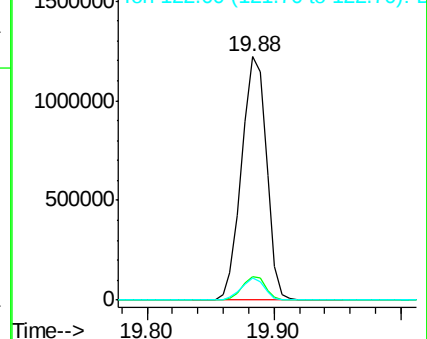
122 8.9 6.6 9.8

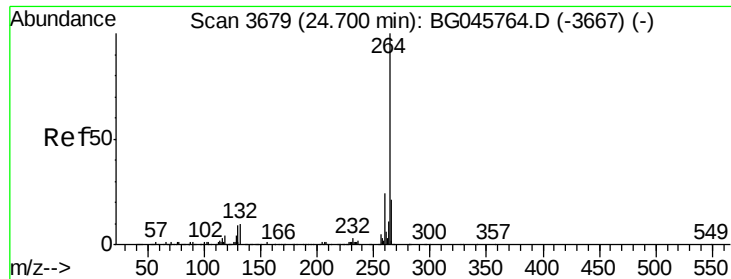


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG045923.D
 Acq: 2 Jul 2020 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP8-SS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.0	16.4	24.6

