

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045905.D
 Acq On : 1 Jul 2020 14:23
 Operator : CG/JU
 Sample : L3153-32
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-H

Quant Time: Jul 01 15:02:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

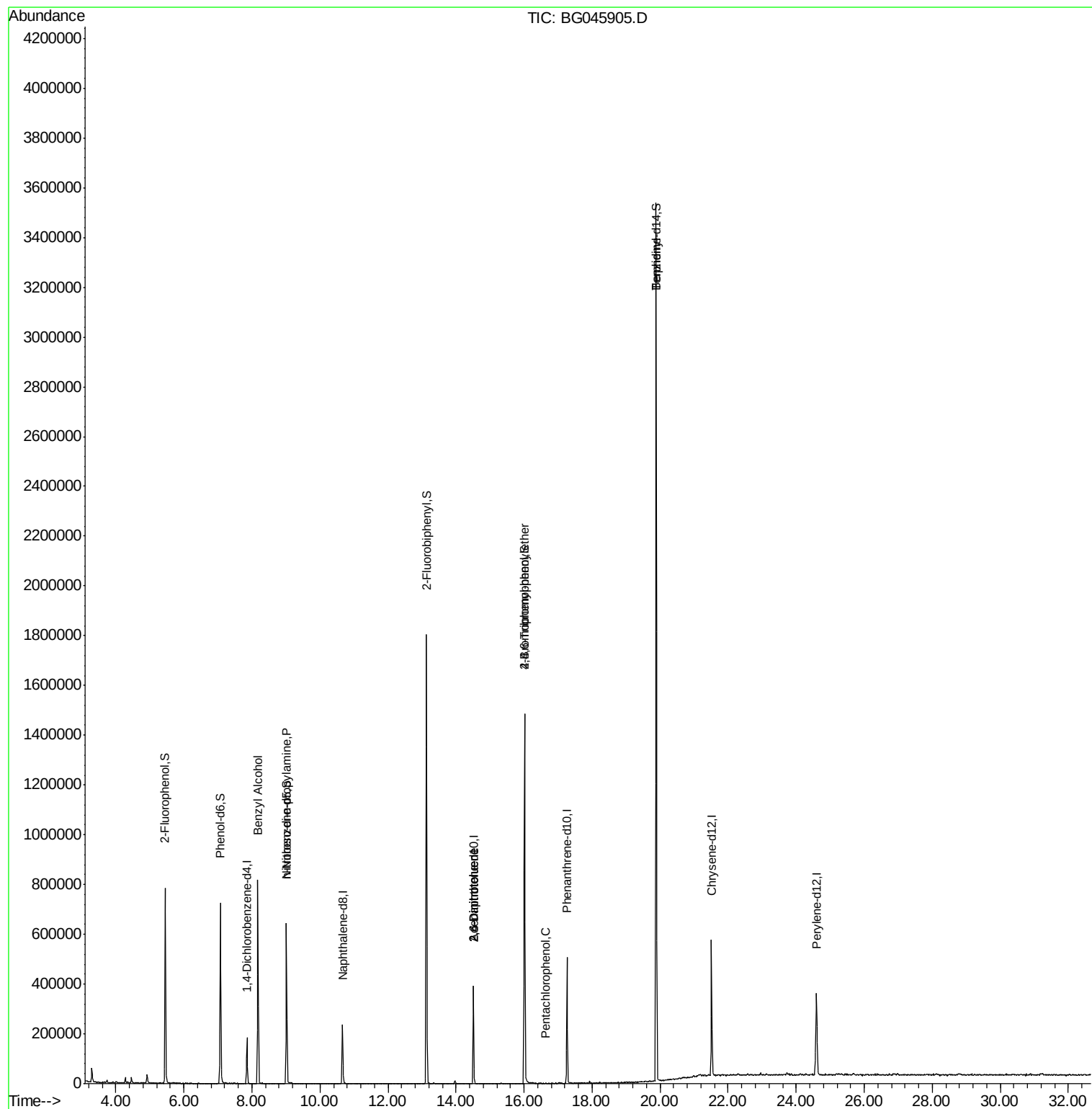
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	54873	20.00	ng	-0.04
21) Naphthalene-d8	10.66	136	202795	20.00	ng	-0.04
39) Acenaphthene-d10	14.51	164	143218	20.00	ng	-0.04
64) Phenanthrene-d10	17.26	188	331313	20.00	ng	-0.03
76) Chrysene-d12	21.51	240	335833	20.00	ng	-0.05
86) Perylene-d12	24.60	264	342405	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	369976	113.90	ng	-0.04
7) Phenol-d6	7.07	99	466559	94.42	ng	-0.04
23) Nitrobenzene-d5	9.02	82	428540	96.54	ng	-0.04
42) 2,4,6-Tribromophenol	16.01	330	303115	140.19	ng	-0.03
45) 2-Fluorobiphenyl	13.13	172	967101	99.23	ng	-0.04
79) Terphenyl-d14	19.88	244	1675056	101.08	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.18	79	7807	2.042	ng	# 63
19) n-Nitroso-di-n-propylamine	9.02	70	59857	18.426	ng	# 82
51) 2,6-Dinitrotoluene	14.51	165	19192	7.616	ng	# 22
57) 2,4-Dinitrotoluene	14.51	165	19192	5.316	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	20814	4.835	ng	# 1
70) Pentachlorophenol	16.65	266	61	7.657	ng	# 19
77) Benzidine	19.88	184	31712	3.632	ng	# 85

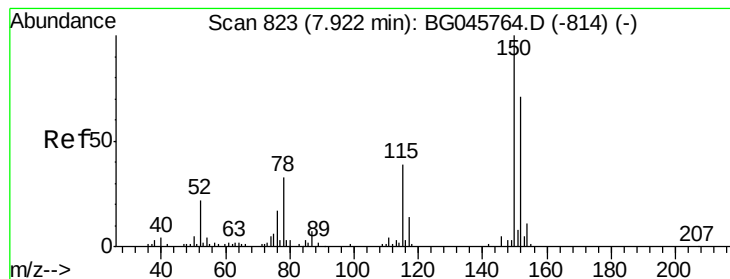
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
Data File : BG045905.D
Acq On : 1 Jul 2020 14:23
Operator : CG/JU
Sample : L3153-32
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2-H

Quant Time: Jul 01 15:02:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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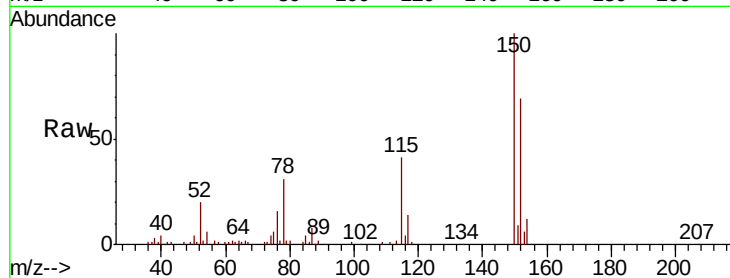


#1

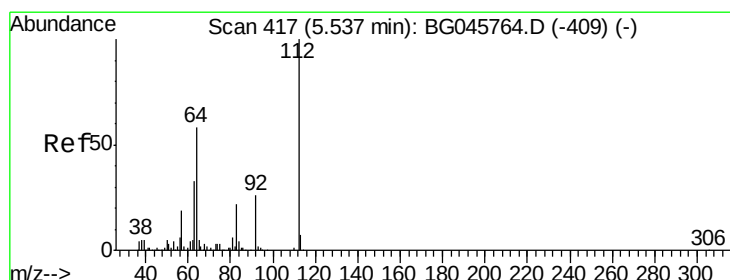
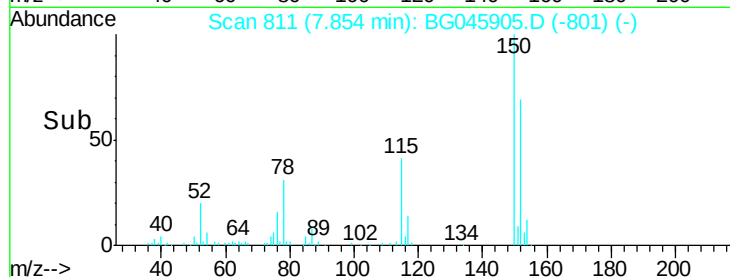
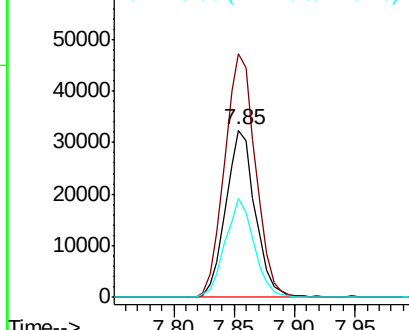
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.04 min
Lab File: BG045905.D
Acq: 1 Jul 2020 14:23

Instrument :
BNA_G
ClientSampleId :
SP2-H

Tot Ion:152 Resp: 54873
Ion Ratio Lower Upper
152 100
150 145.6 121.2 181.8
115 59.1 47.5 71.3



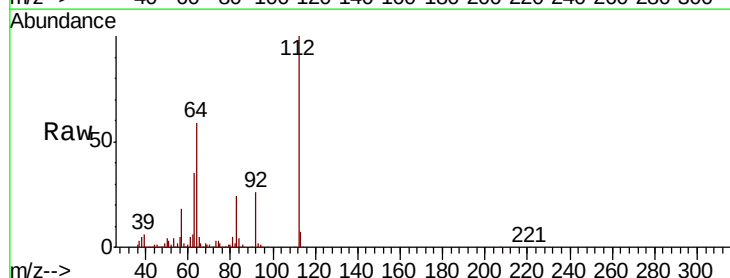
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



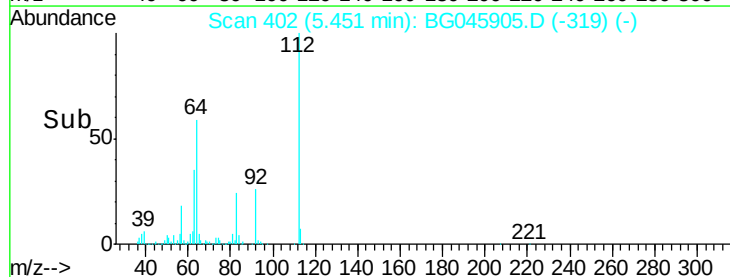
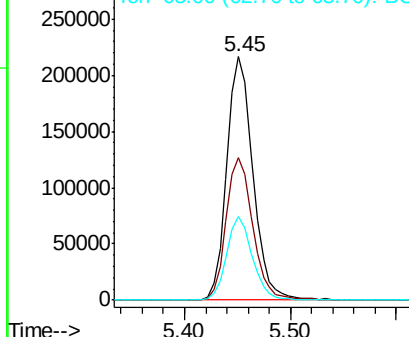
#5

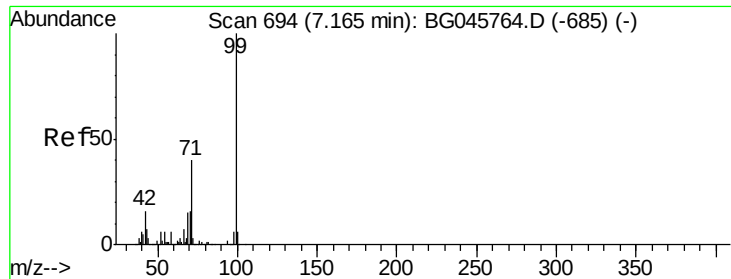
2-Fluorophenol
Concen: 113.895 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.04 min
Lab File: BG045905.D
Acq: 1 Jul 2020 14:23

Tgt Ion:112 Resp: 369976
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 34.6 26.5 39.7



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: 94.424 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.04 min

Lab File: BG045905.D

Acq: 1 Jul 2020 14:23

Instrument :

BNA_G

ClientSampleId :

SP2-H

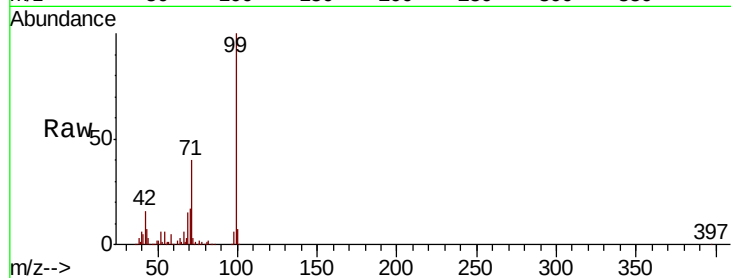
Tot Ion: 99 Resp: 466559

Ion Ratio Lower Upper

99 100

42 16.0 12.0 18.0

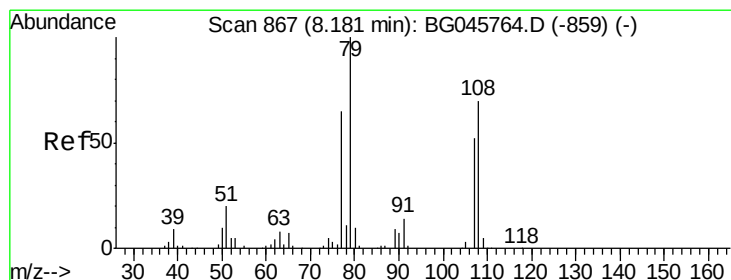
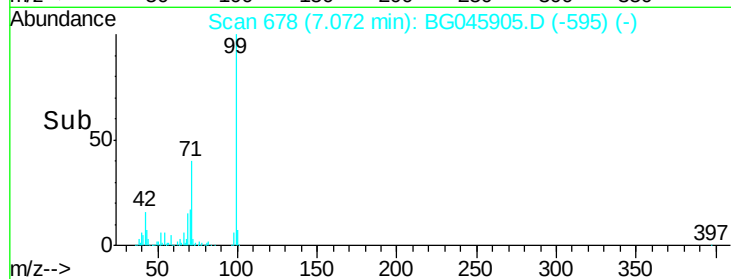
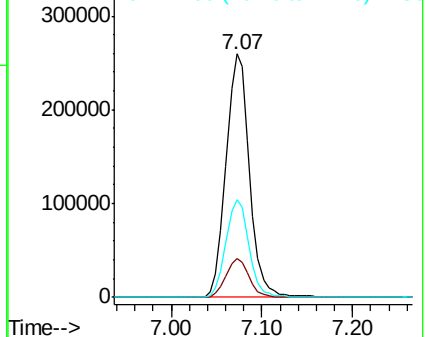
71 40.1 31.0 46.4



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: 2.042 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.03 min

Lab File: BG045905.D

Acq: 1 Jul 2020 14:23

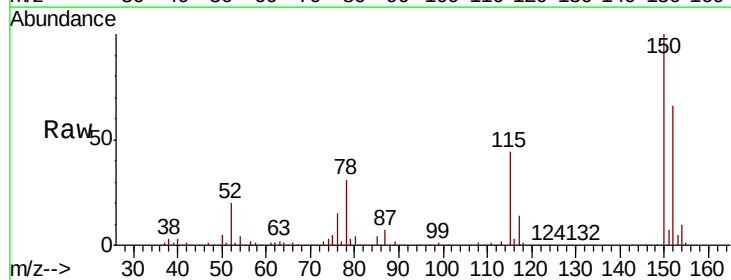
Tgt Ion: 79 Resp: 7807

Ion Ratio Lower Upper

79 100

108 27.7 54.7 82.1#

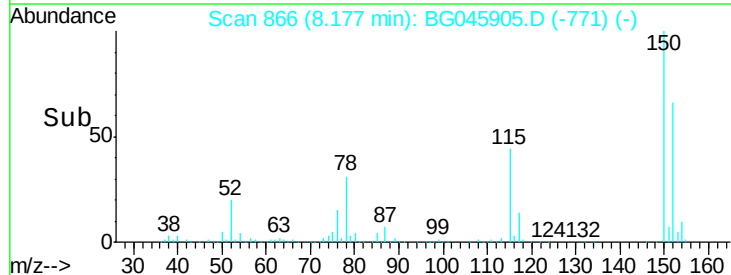
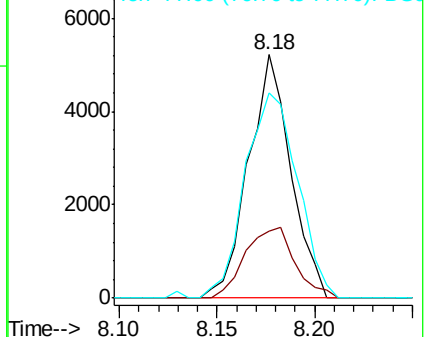
77 84.3 52.6 79.0#

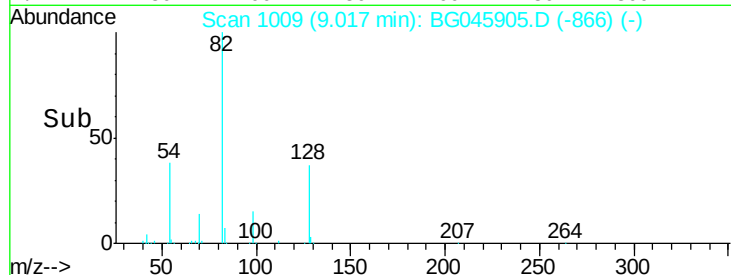
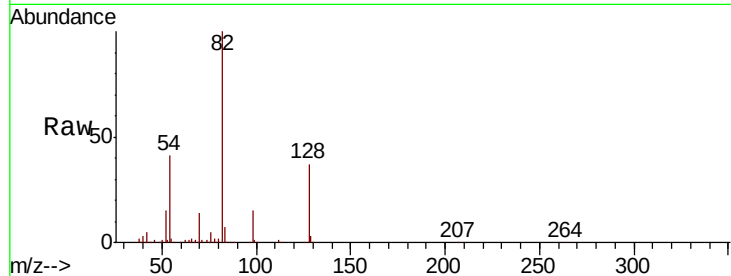
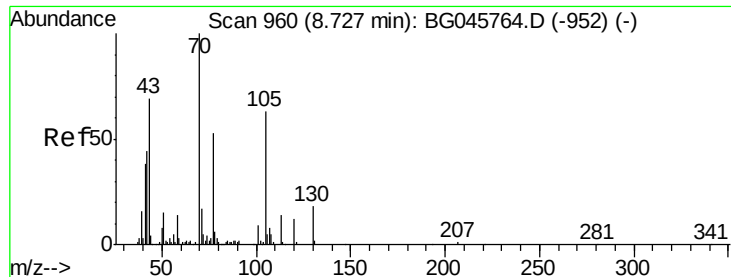


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

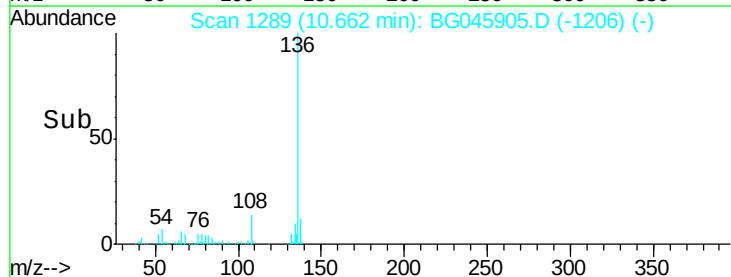
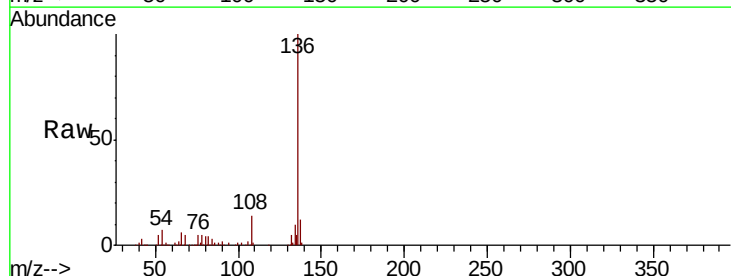
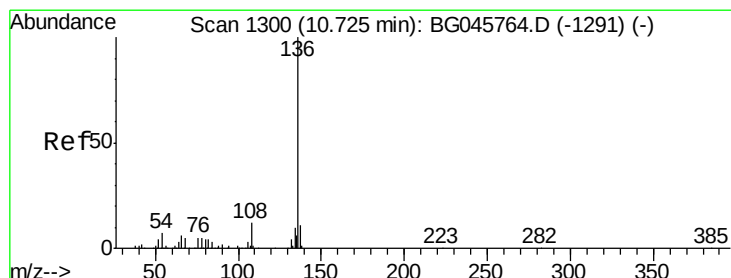
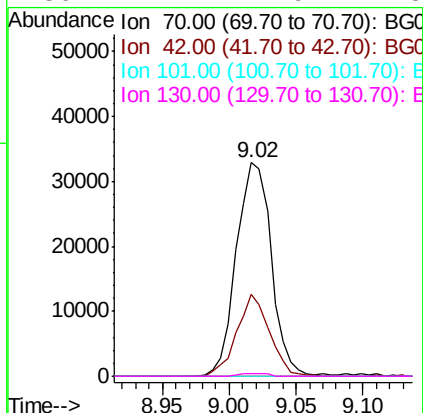




#19
n-Nitroso-di-n-propylamine
Concen: 18.426 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.31 min
Lab File: BG045905.D
Acq: 1 Jul 2020 14:23

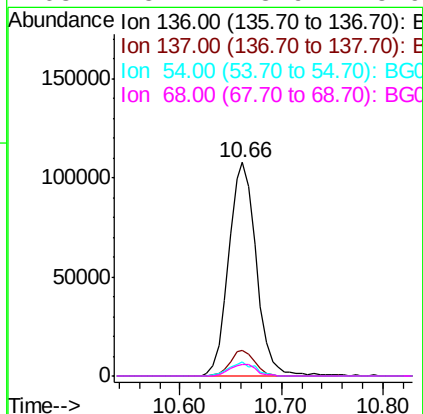
Instrument :
BNA_G
ClientSampleId :
SP2-H

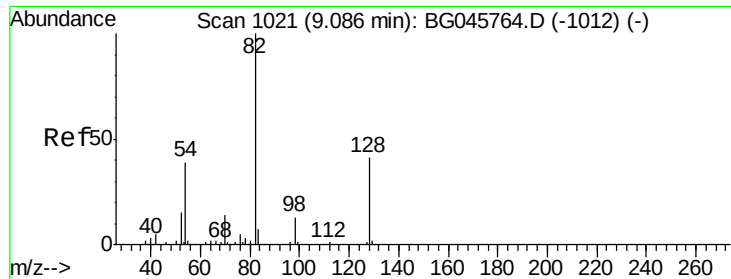
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.5	33.9	50.9
101	0.0	8.0	12.0#
130	1.2	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BG045905.D
Acq: 1 Jul 2020 14:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	6.6	4.9	7.3
68	5.4	3.9	5.9

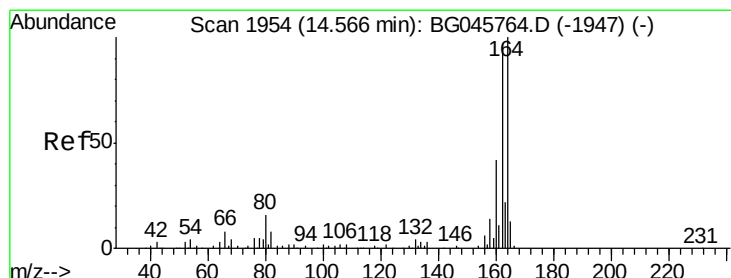
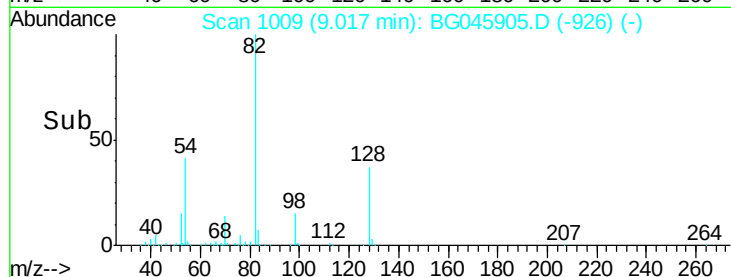
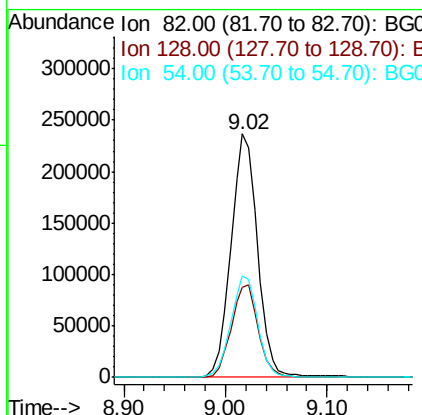
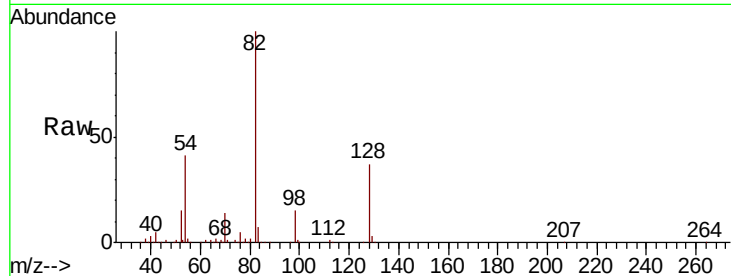




#23
 Nitrobenzene-d5
 Concen: 96.537 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.04 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

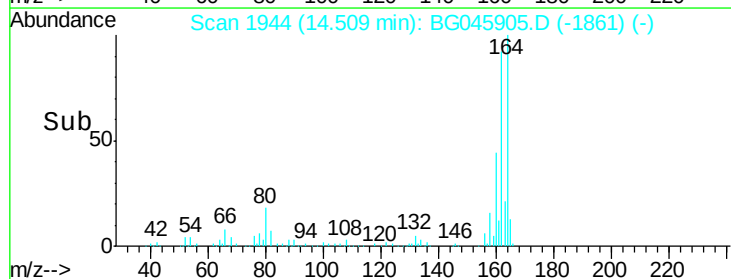
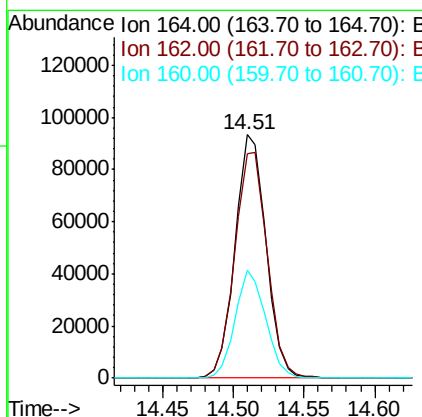
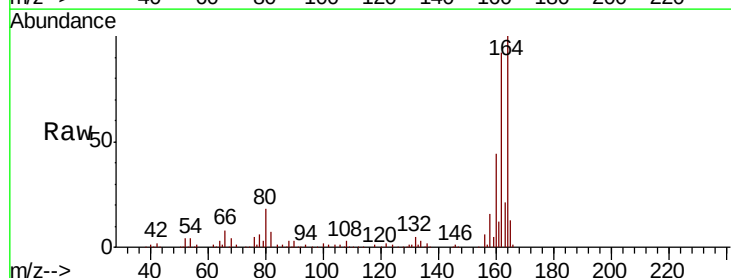
Instrument :
 BNA_G
 ClientSampleId :
 SP2-H

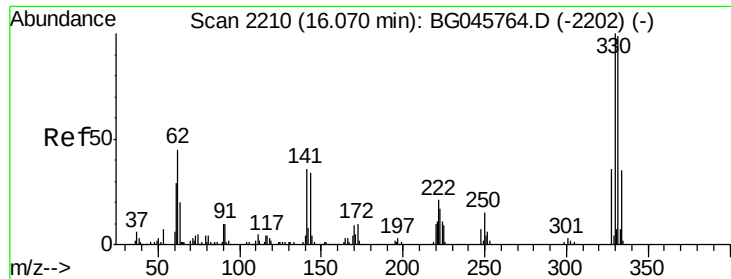
Tot Ion: 82 Resp: 428540
 Ion Ratio Lower Upper
 82 100
 128 37.2 31.3 46.9
 54 41.5 32.6 49.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

Tgt Ion:164 Resp: 143218
 Ion Ratio Lower Upper
 164 100
 162 92.4 80.6 120.8
 160 44.2 35.0 52.4

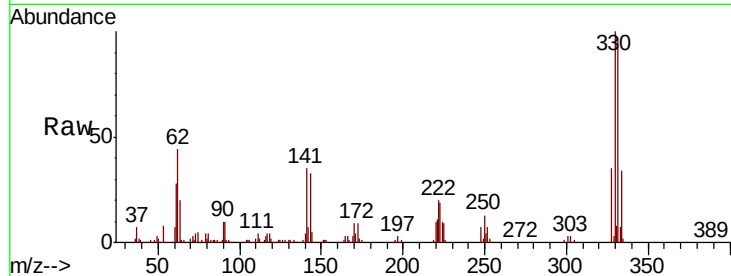




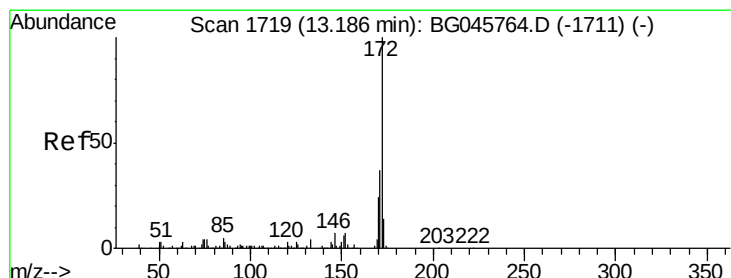
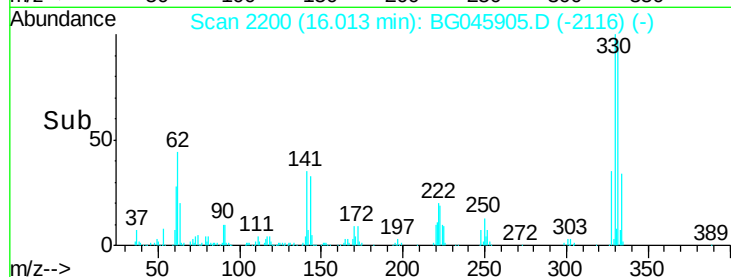
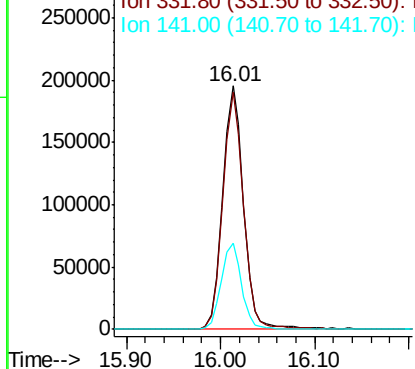
#42
 2,4,6-Tribromophenol
 Concen: 140.187 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.03 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-H

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	34.6	27.7	41.5

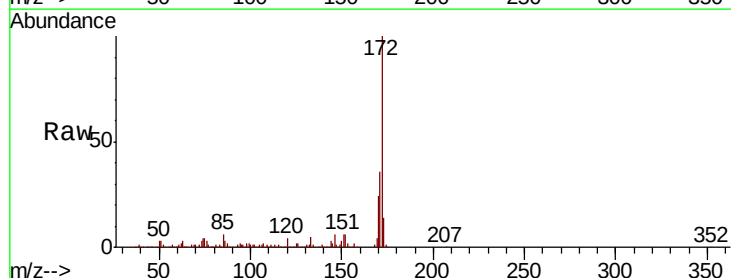


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

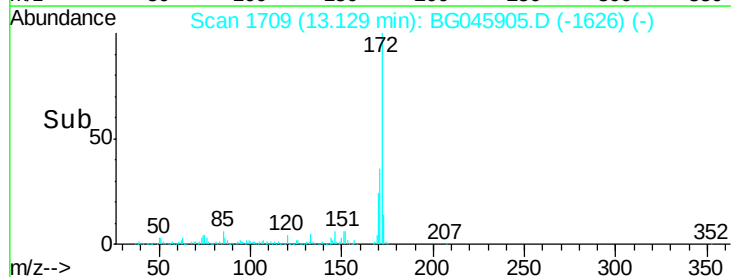
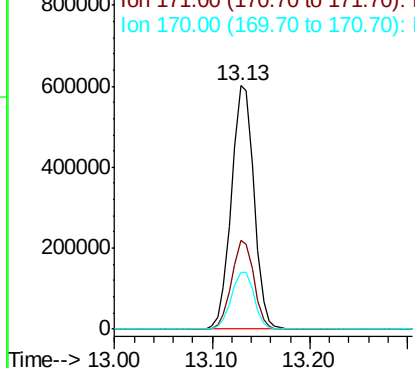


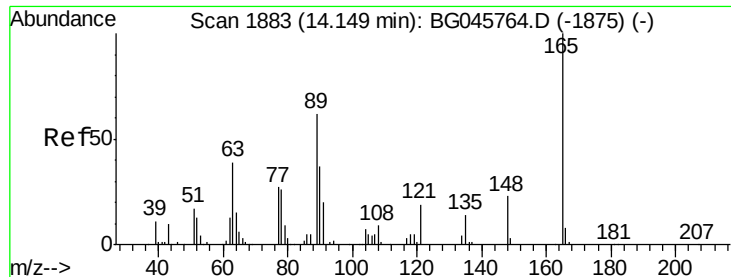
#45
 2-Fluorobiphenyl
 Concen: 99.234 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.04 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.6	19.1	28.7



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: 7.616 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.38 min

Lab File: BG045905.D

Acq: 1 Jul 2020 14:23

Instrument :

BNA_G

ClientSampleId :

SP2-H

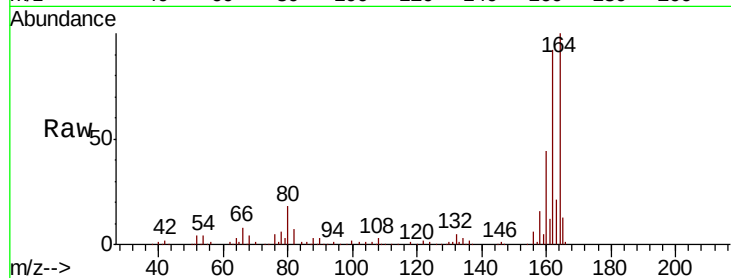
Tot Ion:165 Resp: 19192

Ion Ratio Lower Upper

165 100

63 1.6 45.6 68.4#

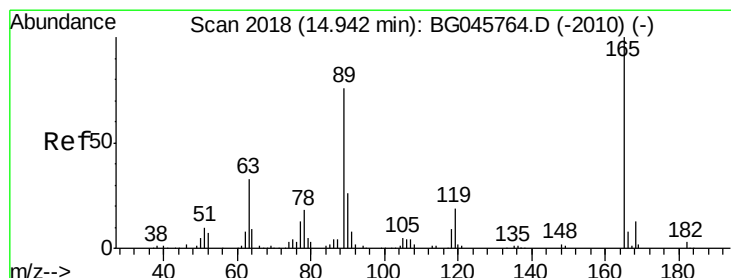
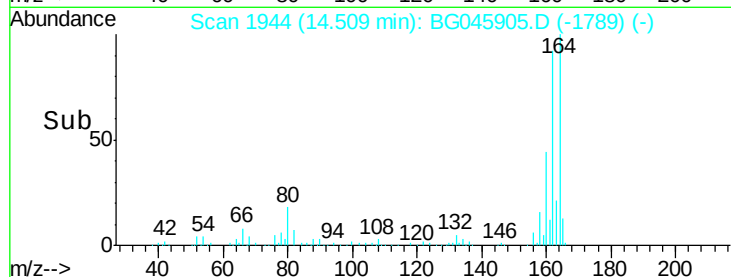
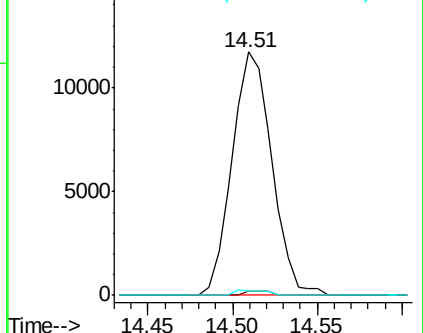
89 1.9 52.8 79.2#



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



#57

2,4-Dinitrotoluene

Concen: 5.316 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.41 min

Lab File: BG045905.D

Acq: 1 Jul 2020 14:23

Tgt Ion:165 Resp: 19192

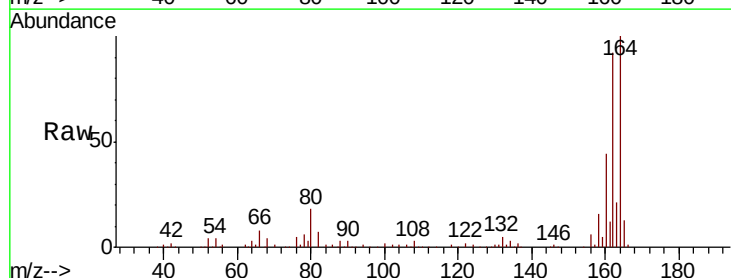
Ion Ratio Lower Upper

165 100

63 1.6 35.2 52.8#

89 1.9 61.4 92.2#

182 0.0 2.3 3.5#

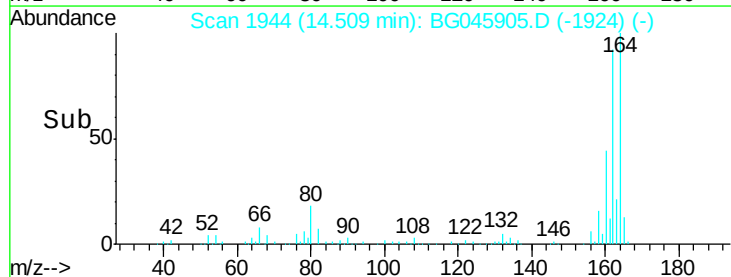
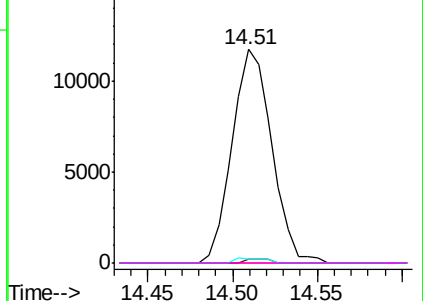


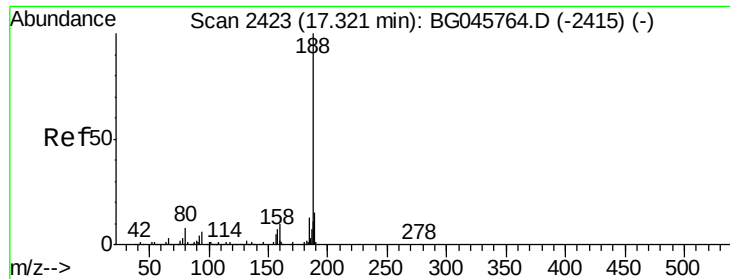
Abundance Ion 165.00 (164.70 to 165.70): E

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

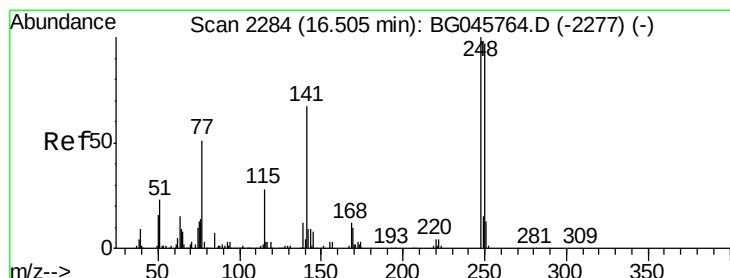
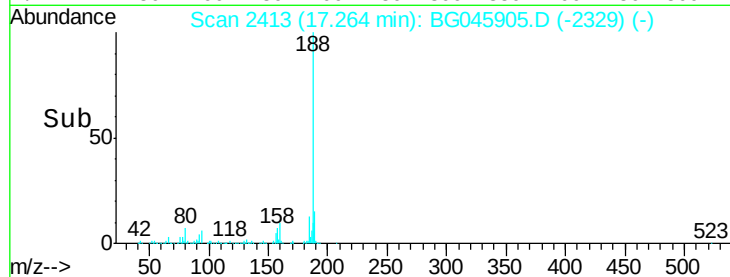
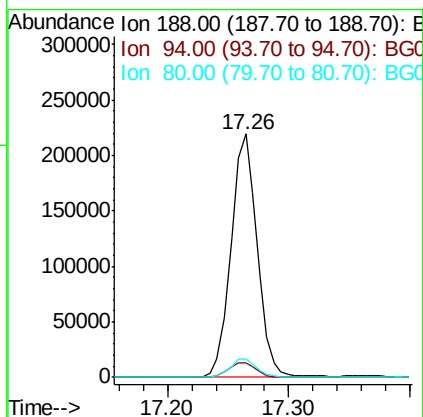
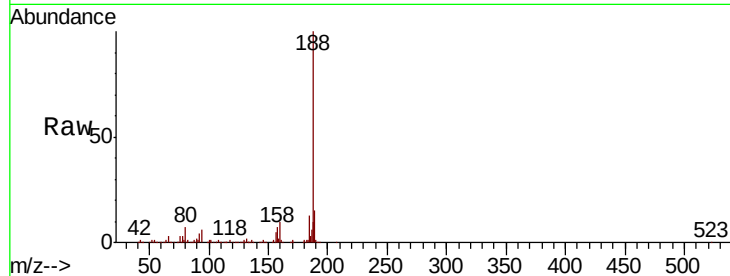




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2413
 Delta R.T. -0.03 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

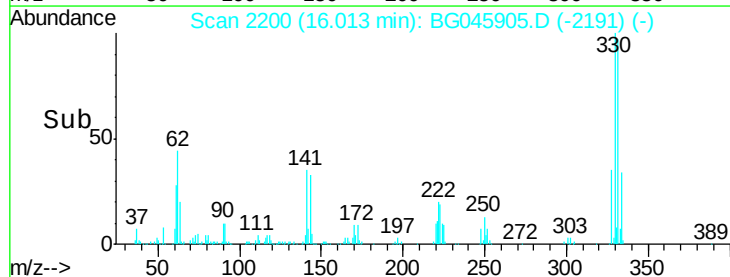
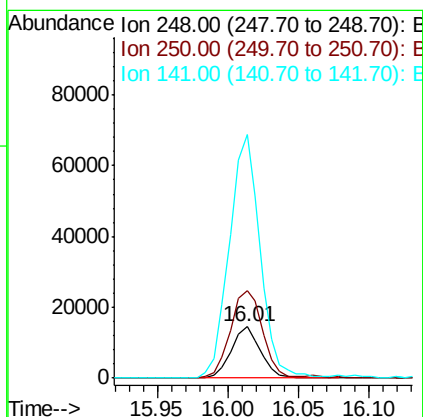
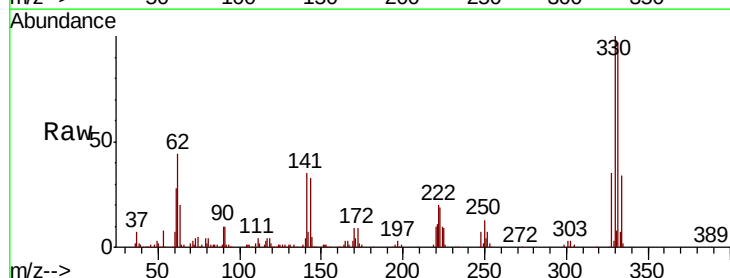
Instrument :
 BNA_G
 ClientSampleId :
 SP2-H

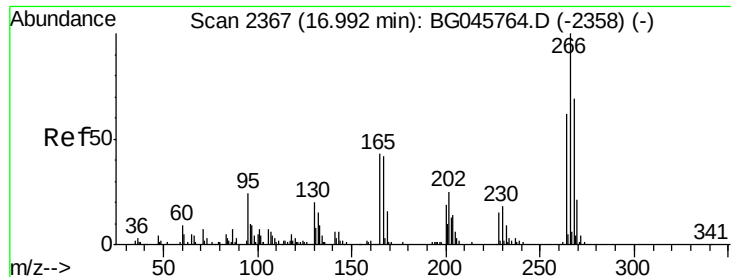
Tot Ion:188 Resp: 331313
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.7 8.5
 80 7.5 6.6 10.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.835 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.48 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

Tgt Ion:248 Resp: 20814
 Ion Ratio Lower Upper
 248 100
 250 170.4 76.8 115.2#
 141 474.5 52.6 79.0#





#70

Pentachlorophenol

Concen: 7.657 ng

RT: 16.65 min Scan# 2308

Delta R.T. -0.32 min

Lab File: BG045905.D

Acq: 1 Jul 2020 14:23

Instrument :

BNA_G

ClientSampleId :

SP2-H

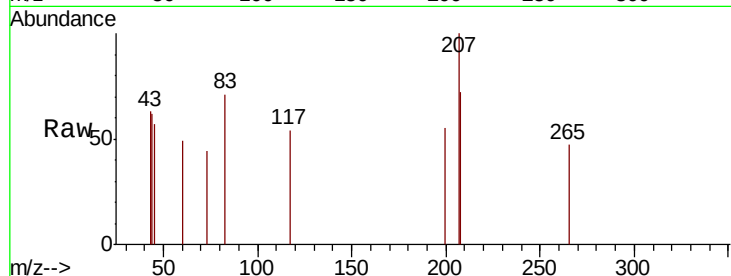
Tot Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

268 0.0 50.9 76.3#

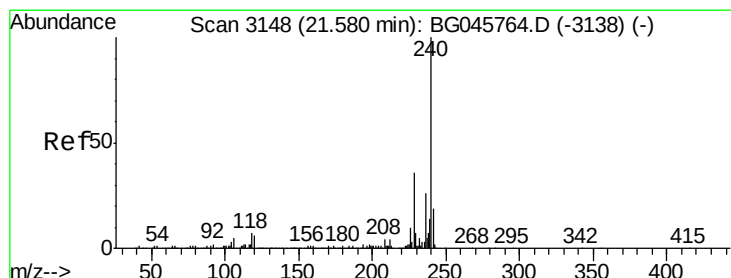
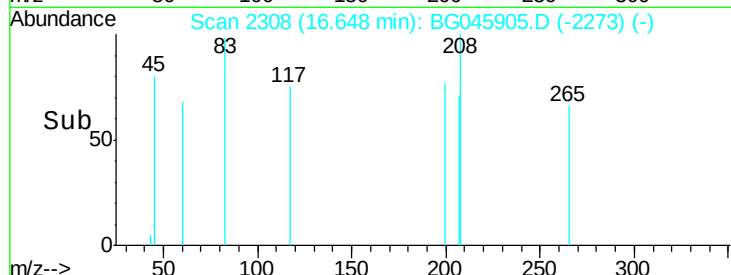
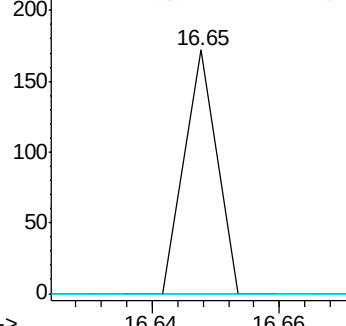
264 0.0 49.8 74.8#



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. -0.05 min

Lab File: BG045905.D

Acq: 1 Jul 2020 14:23

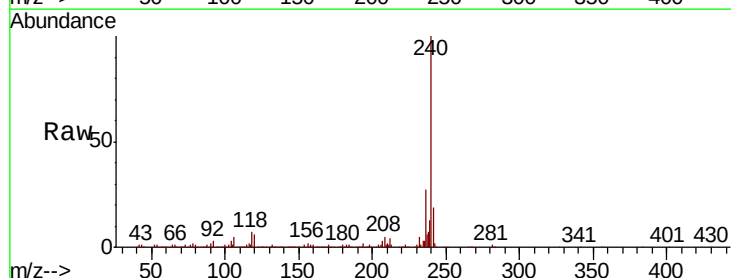
Tgt Ion:240 Resp: 335833

Ion Ratio Lower Upper

240 100

120 6.2 5.6 8.4

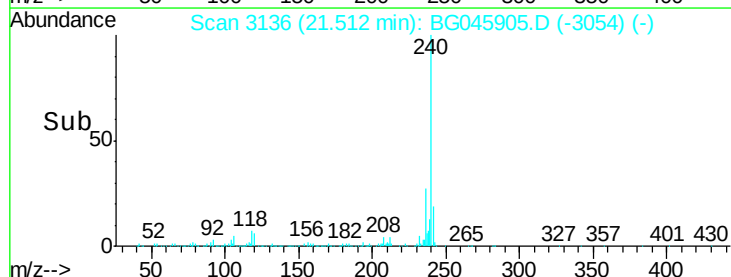
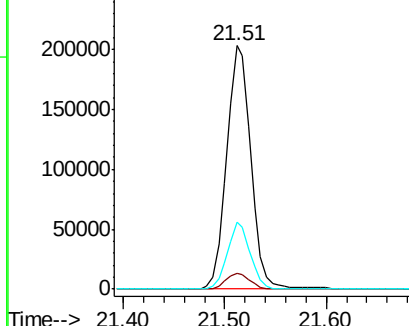
236 27.4 21.3 31.9

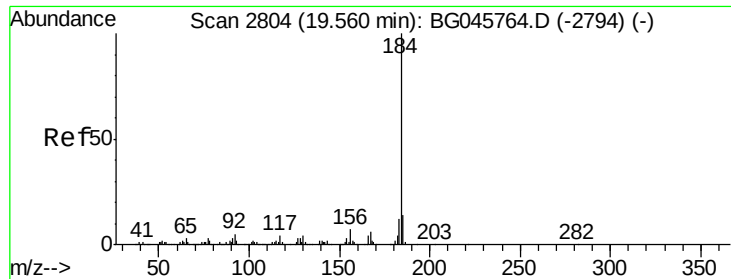


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

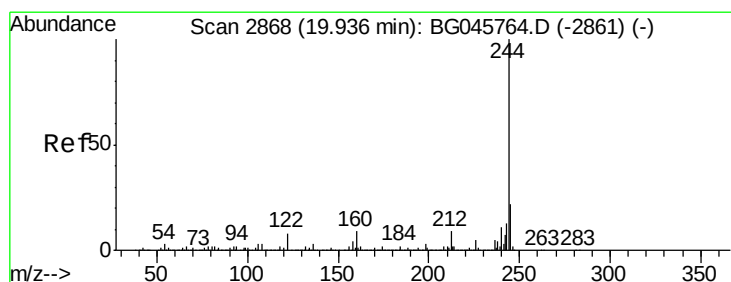
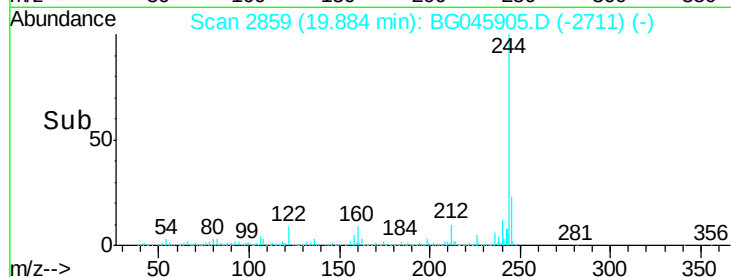
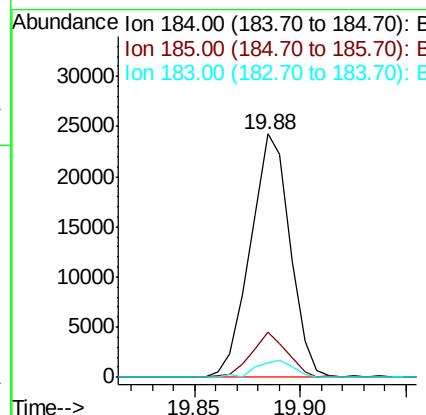
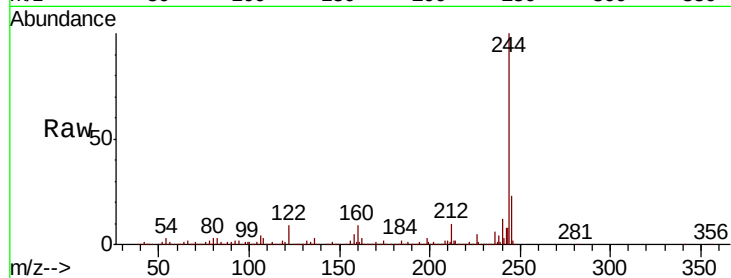




#77
Benzidine
Concen: 3.632 ng
RT: 19.88 min Scan# 2859
Delta R.T. 0.34 min
Lab File: BG045905.D
Acq: 1 Jul 2020 14:23

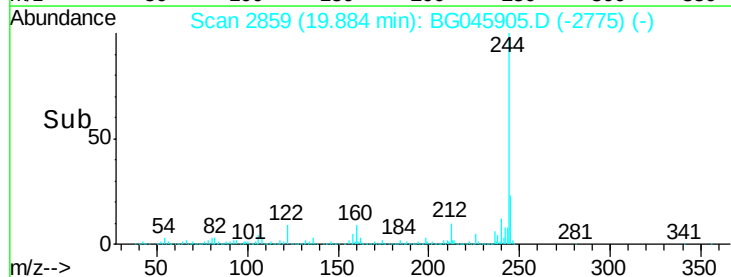
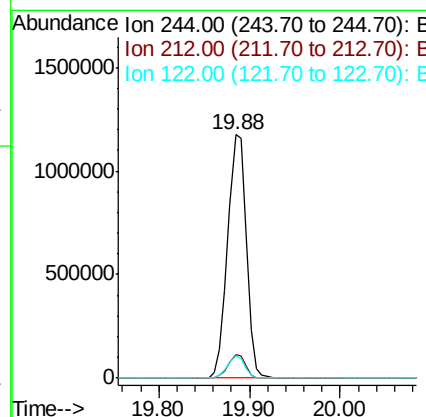
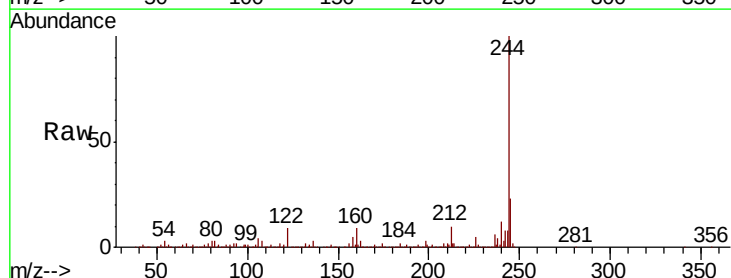
Instrument :
BNA_G
ClientSampleId :
SP2-H

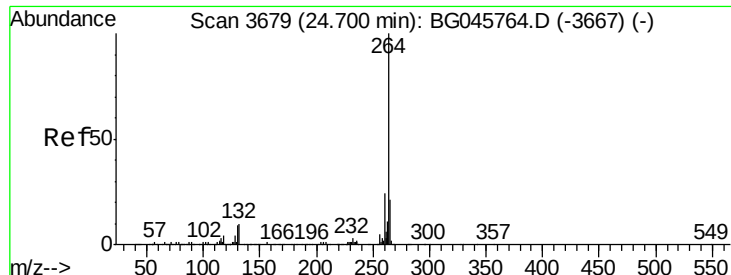
Tot Ion:184 Resp: 31712
Ion Ratio Lower Upper
184 100
185 18.3 10.6 15.8#
183 6.1 10.1 15.1#



#79
Terphenyl-d14
Concen: 101.082 ng
RT: 19.88 min Scan# 2859
Delta R.T. -0.03 min
Lab File: BG045905.D
Acq: 1 Jul 2020 14:23

Tgt Ion:244 Resp: 1675056
Ion Ratio Lower Upper
244 100
212 9.8 7.2 10.8
122 9.3 6.9 10.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3661
 Delta R.T. -0.08 min
 Lab File: BG045905.D
 Acq: 1 Jul 2020 14:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-H

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.0	17.4	26.0

