

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045886.D
 Acq On : 30 Jun 2020 16:04
 Operator : CG/JU
 Sample : L3153-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-A

Quant Time: Jun 30 18:18:03 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

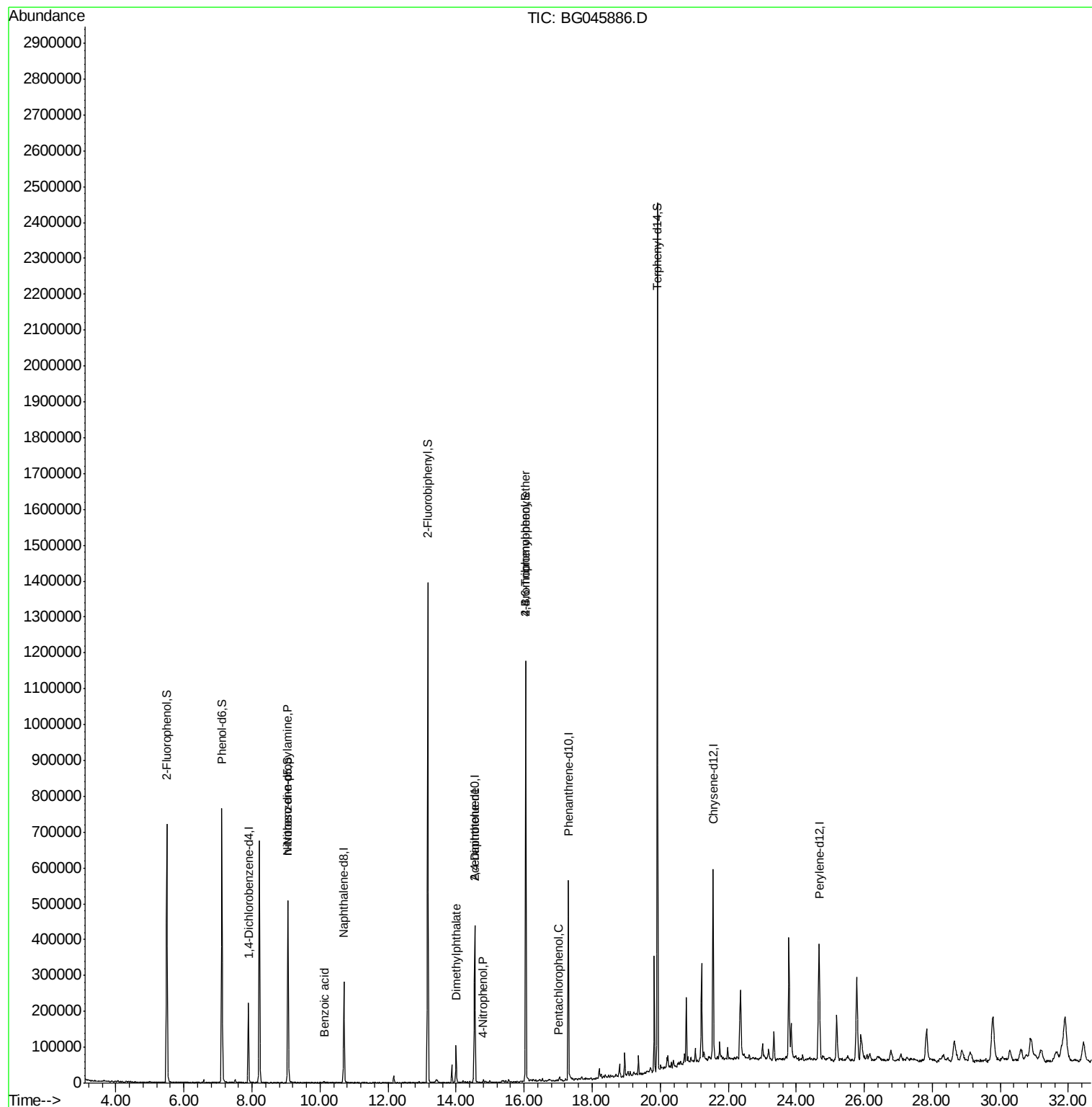
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	62722	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	244535	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	164204	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	349218	20.00	ng	0.00
76) Chrysene-d12	21.56	240	319534	20.00	ng	0.00
86) Perylene-d12	24.67	264	328897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	348374	93.82	ng	0.00
7) Phenol-d6	7.11	99	507979	89.94	ng	0.00
23) Nitrobenzene-d5	9.06	82	345283	64.50	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	228777	92.28	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	771516	69.05	ng	0.00
79) Terphenyl-d14	19.92	244	1126288	71.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	47934	12.909	ng	Qvalue # 85
32) Benzoic acid	10.12	122	495	9.149	ng	# 53
50) Dimethylphthalate	14.00	163	72282	5.619	ng	97
56) 4-Nitrophenol	14.77	139	70	4.005	ng	# 1
57) 2,4-Dinitrotoluene	14.54	165	21056	5.086	ng	# 21
67) 4-Bromophenyl-phenylether	16.05	248	15519	3.420	ng	# 1
70) Pentachlorophenol	17.00	266	57	7.655	ng	# 19

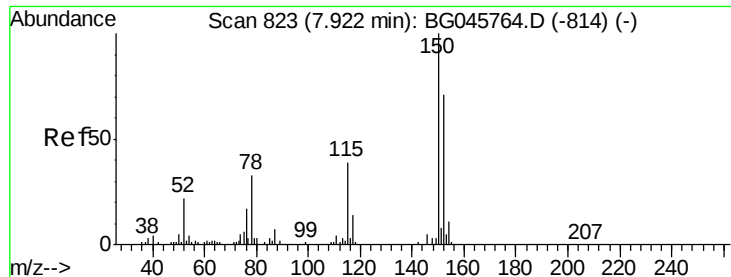
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045886.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-A

Quant Time: Jun 30 18:18:03 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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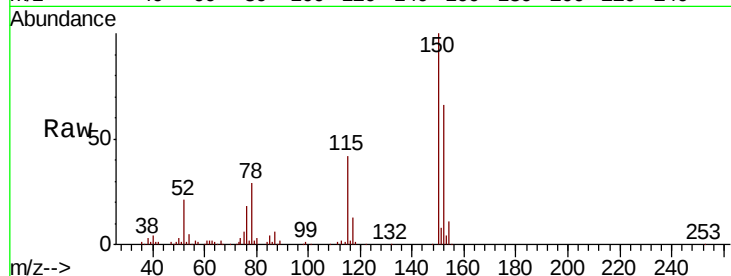


#1

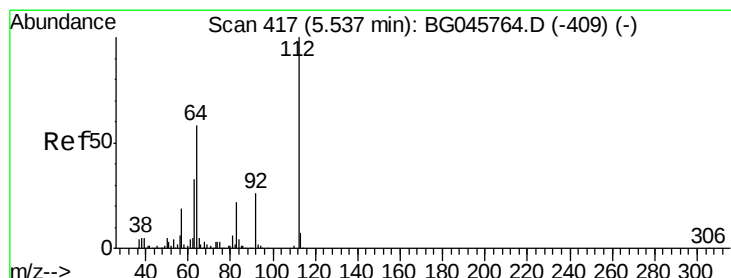
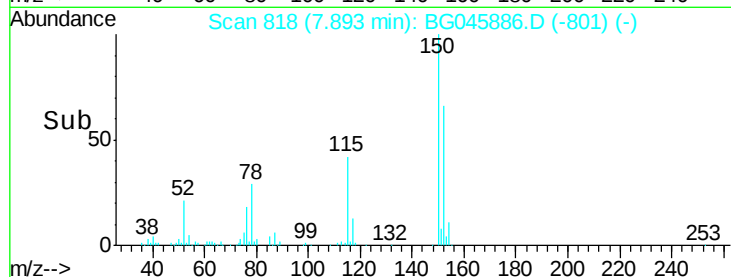
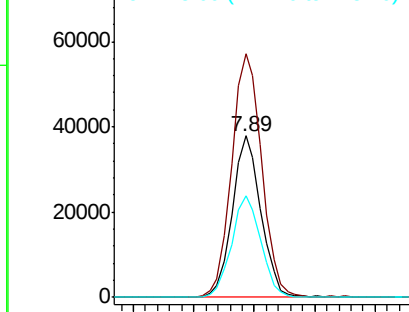
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

Instrument :
BNA_G
ClientSampleId :
SP1-A

Tot Ion:152 Resp: 62722
Ion Ratio Lower Upper
152 100
150 150.7 121.2 181.8
115 62.8 47.5 71.3



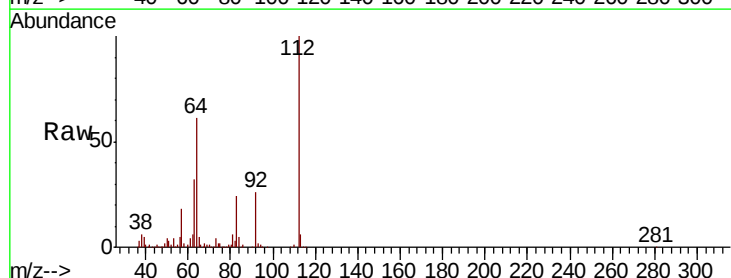
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



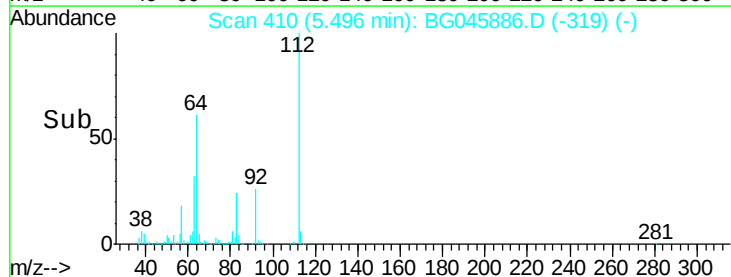
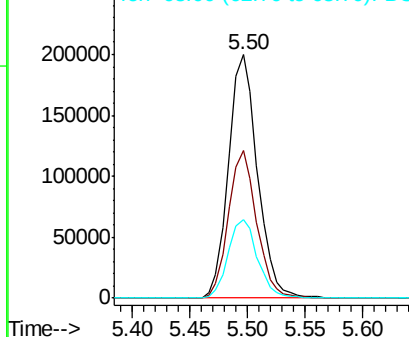
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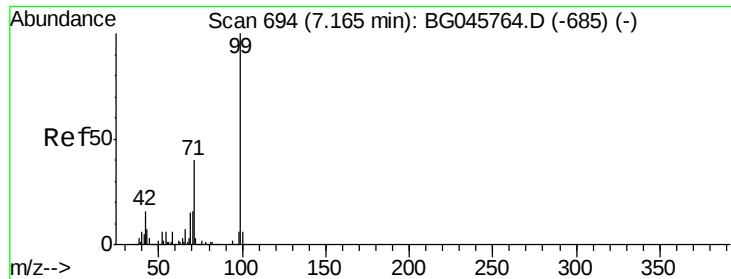
2-Fluorophenol
Concen: 93.824 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

Tgt Ion:112 Resp: 348374
Ion Ratio Lower Upper
112 100
64 60.8 48.5 72.7
63 32.1 26.5 39.7



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: 89.942 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045886.D

Acq: 30 Jun 2020 16:04

Instrument :

BNA_G

ClientSampleId :

SP1-A

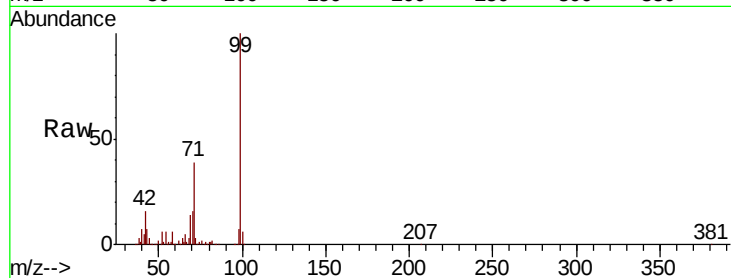
Tot Ion: 99 Resp: 507979

Ion Ratio Lower Upper

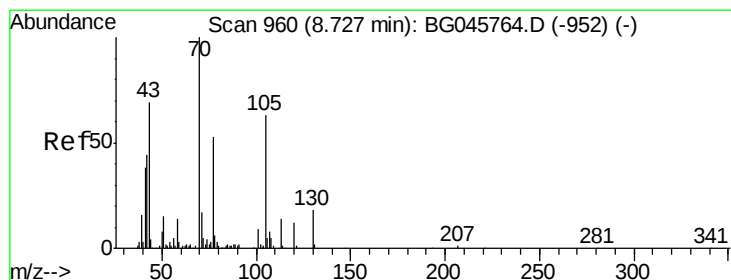
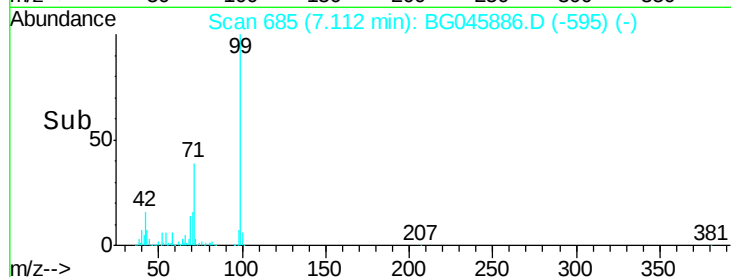
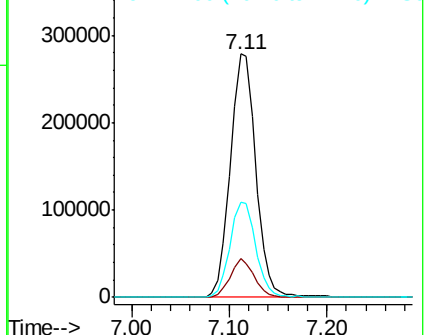
99 100

42 16.0 12.0 18.0

71 39.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.909 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG045886.D

Acq: 30 Jun 2020 16:04

Tgt Ion: 70 Resp: 47934

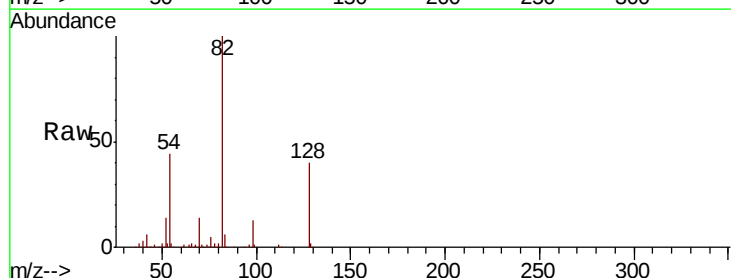
Ion Ratio Lower Upper

70 100

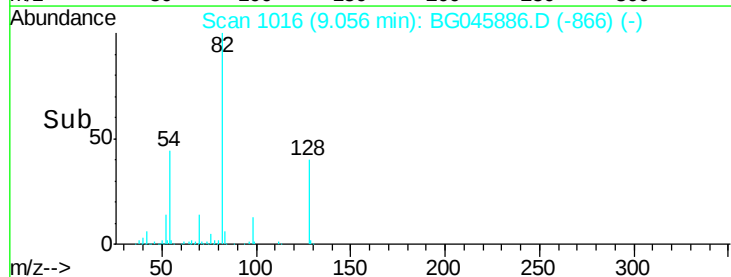
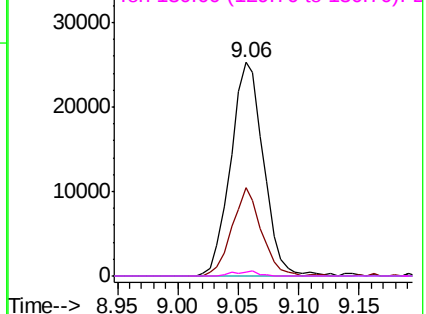
42 41.4 33.9 50.9

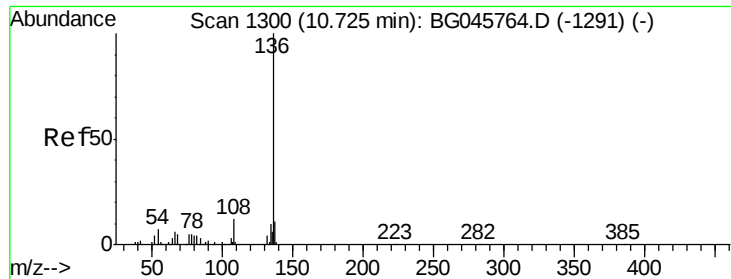
101 0.0 8.0 12.0#

130 1.9 14.9 22.3#



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

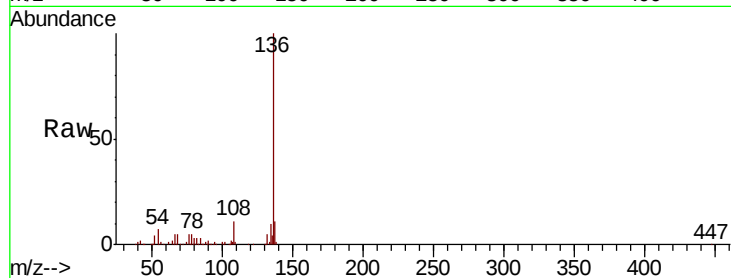




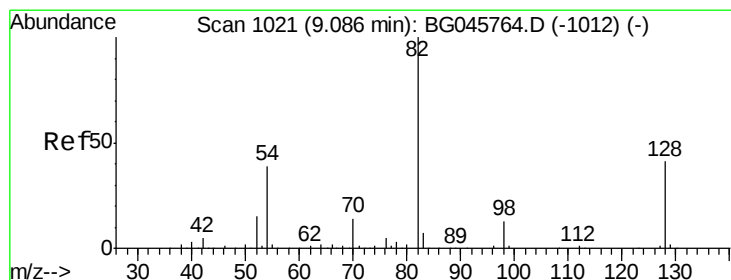
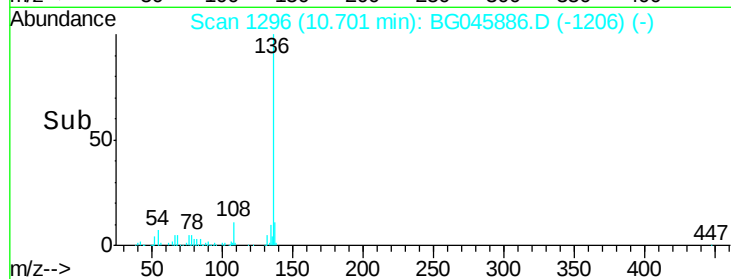
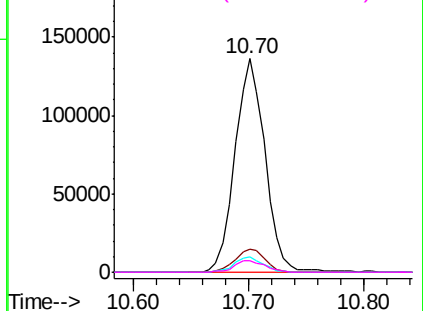
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

Instrument :
BNA_G
ClientSampleId :
SP1-A

Tot Ion:136	Resp:	244535
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.4 14.0
54	7.1	4.9 7.3
68	5.1	3.9 5.9

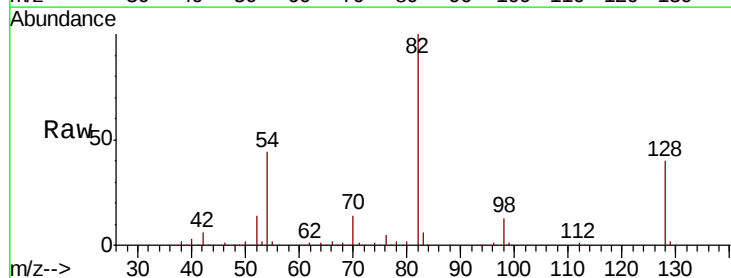


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

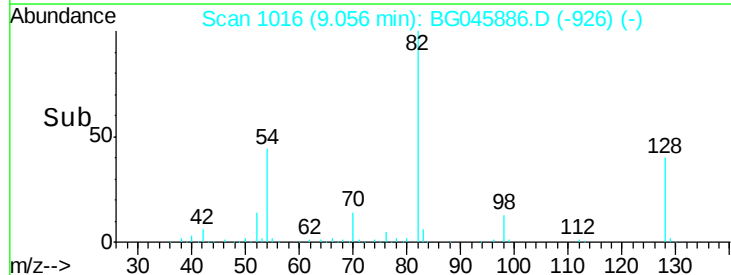
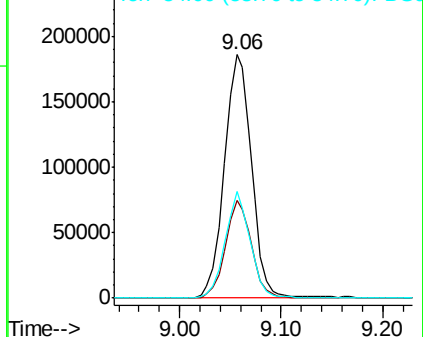


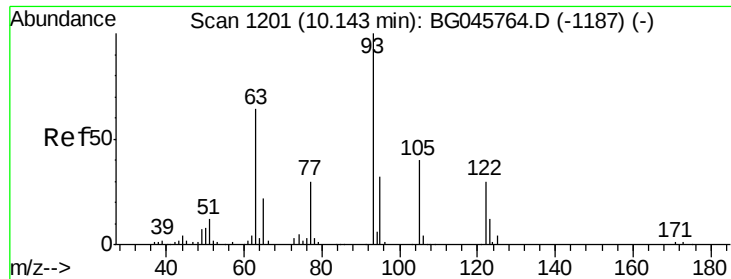
#23
Nitrobenzene-d5
Concen: 64.505 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

Tgt Ion: 82	Resp:	345283
Ion Ratio	Lower	Upper
82	100	
128	40.3	31.3 46.9
54	43.7	32.6 49.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

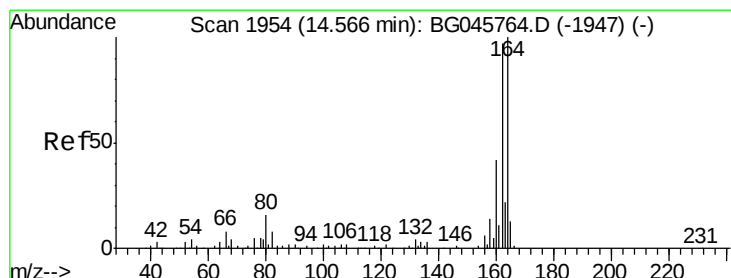
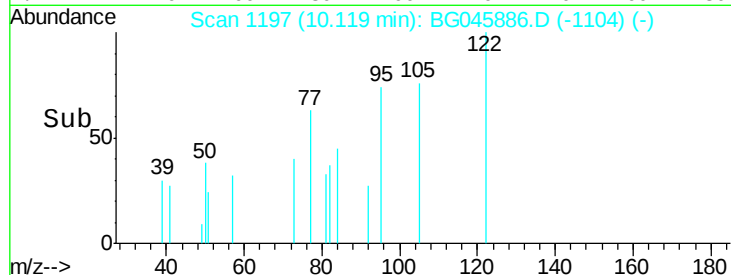
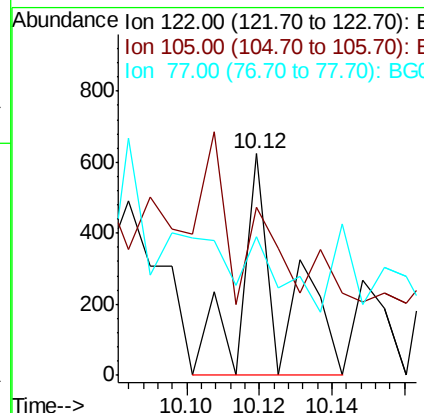
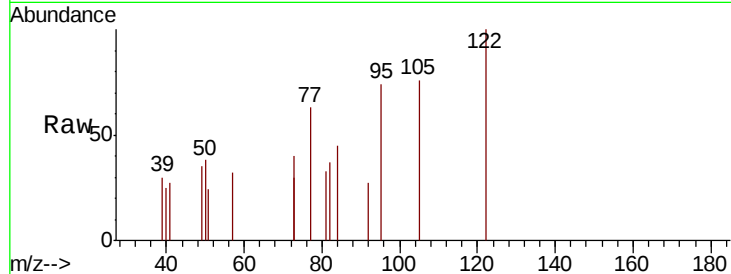




#32
Benzoic acid
Concen: 9.149 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

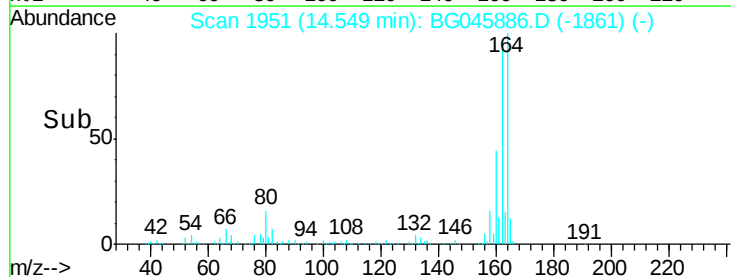
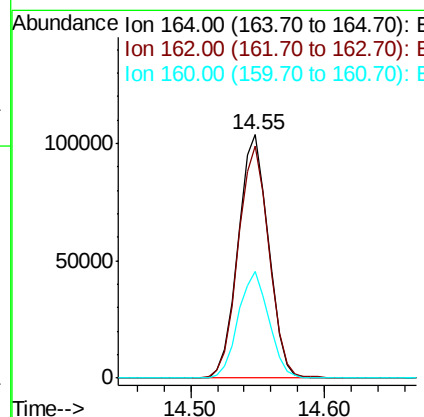
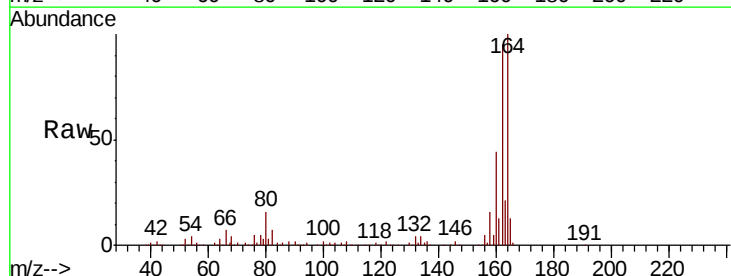
Instrument :
BNA_G
ClientSampleId :
SP1-A

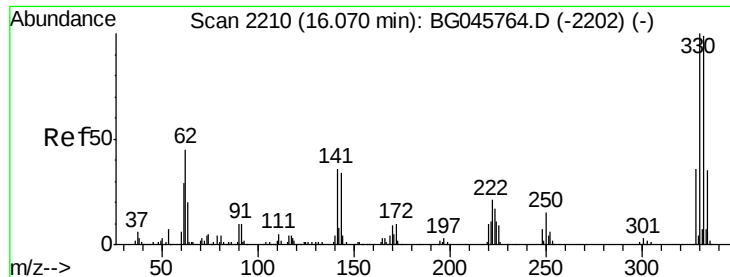
Tot Ion:122 Resp: 495
Ion Ratio Lower Upper
122 100
105 75.8 110.1 150.1#
77 62.6 94.1 134.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

Tgt Ion:164 Resp: 164204
Ion Ratio Lower Upper
164 100
162 95.2 80.6 120.8
160 44.0 35.0 52.4

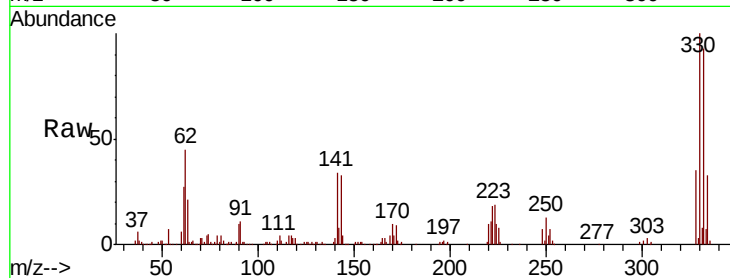




#42
 2,4,6-Tribromophenol
 Concen: 92.284 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG045886.D
 Acq: 30 Jun 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 SP1-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	34.9	27.7	41.5

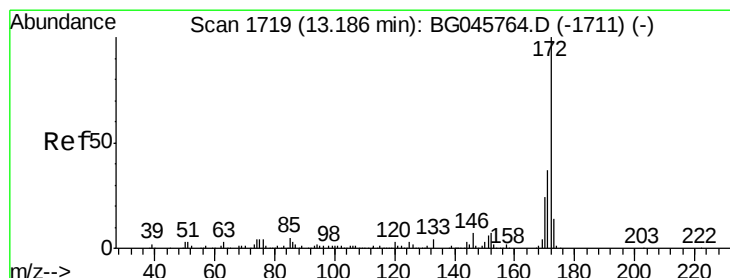
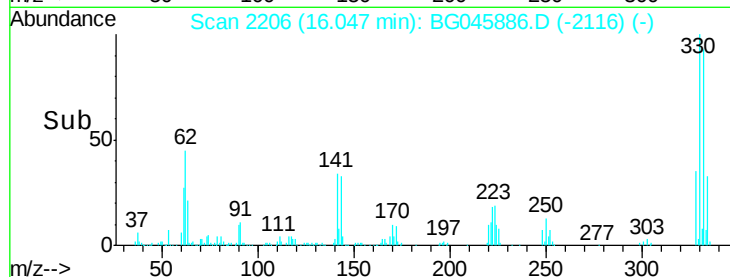
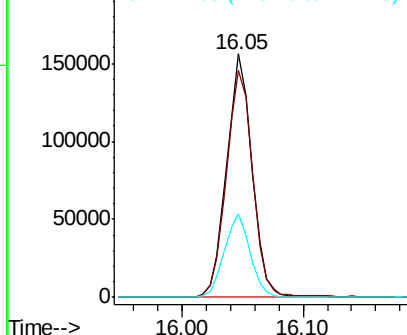


Abundance

Ion 329.80 (329.50 to 330.50): E

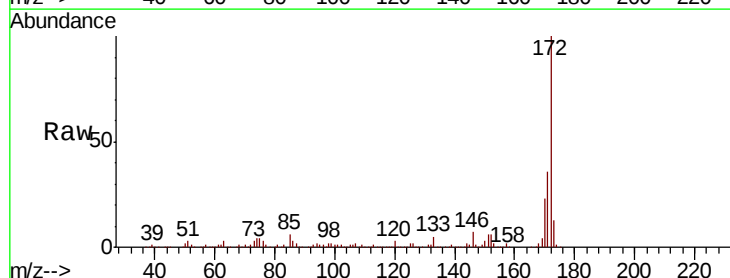
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.048 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG045886.D
 Acq: 30 Jun 2020 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	19.1	28.7

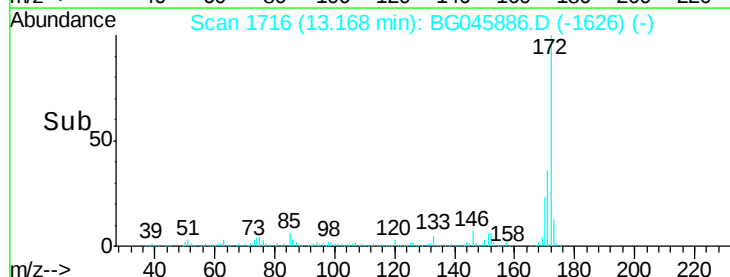
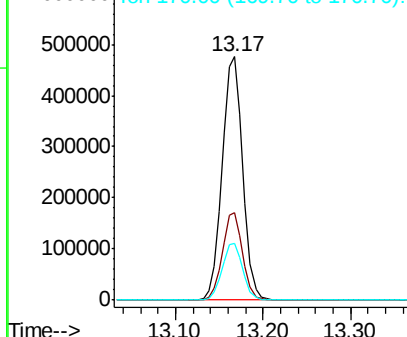


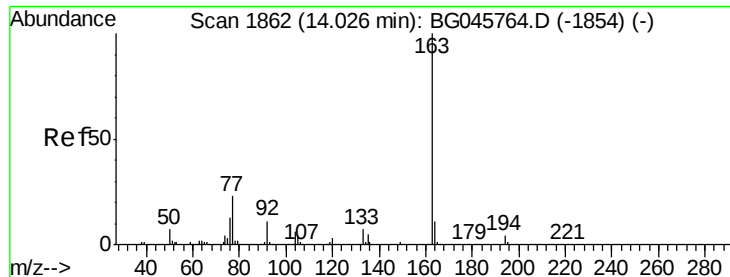
Abundance

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





#50

Dimethylphthalate

Concen: 5.619 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG045886.D

Acq: 30 Jun 2020 16:04

Instrument :

BNA_G

ClientSampleId :

SP1-A

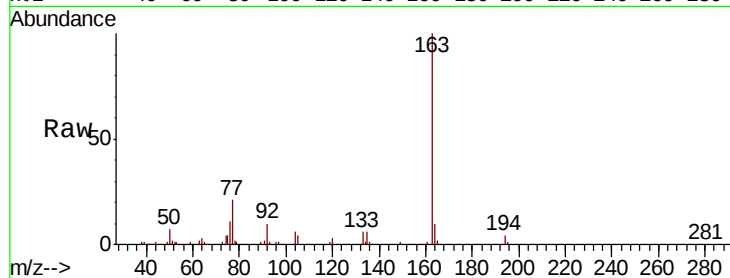
Tot Ion:163 Resp: 72282

Ion Ratio Lower Upper

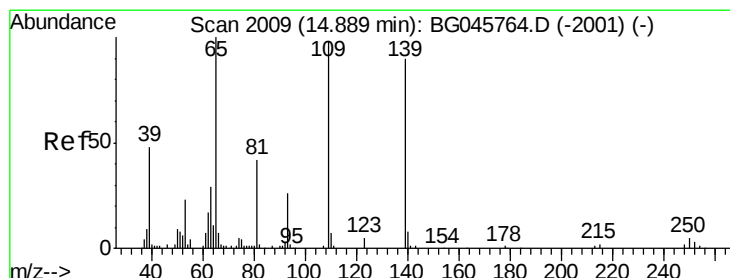
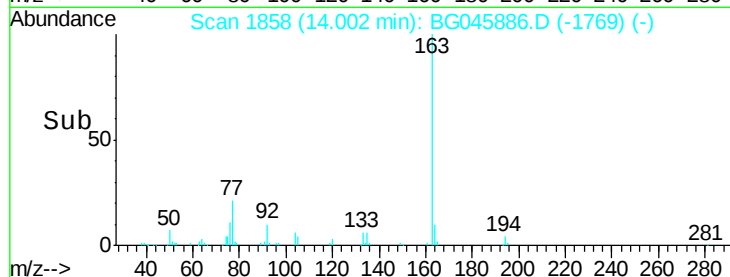
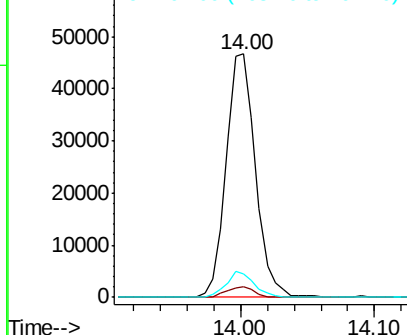
163 100

194 4.5 3.3 4.9

164 9.6 8.8 13.2



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



#56

4-Nitrophenol

Concen: 4.005 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.07 min

Lab File: BG045886.D

Acq: 30 Jun 2020 16:04

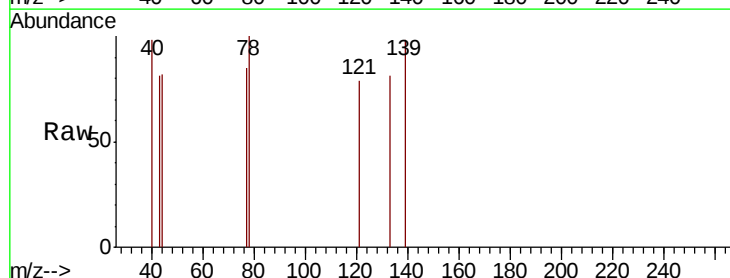
Tgt Ion:139 Resp: 70

Ion Ratio Lower Upper

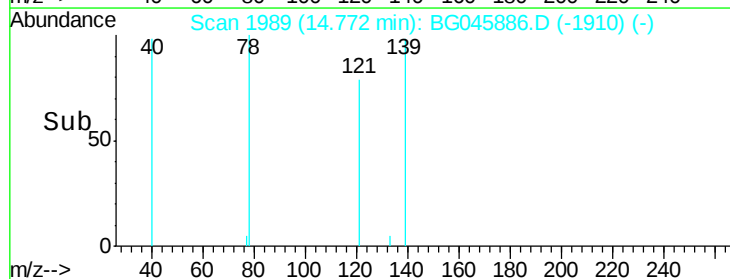
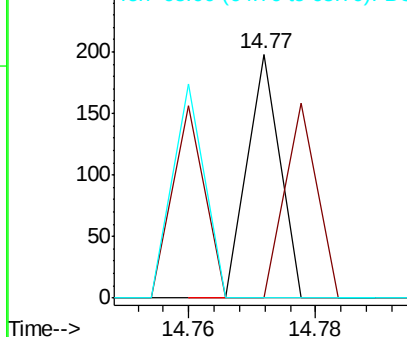
139 100

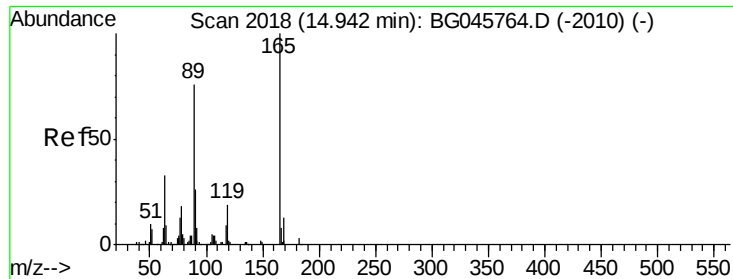
109 0.0 83.9 123.9#

65 0.0 87.8 127.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

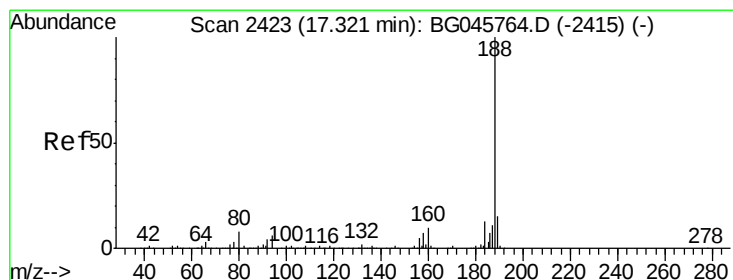
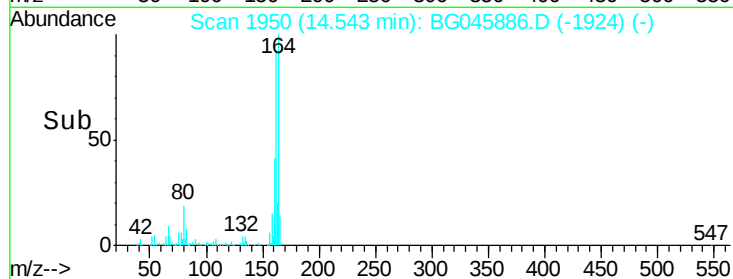
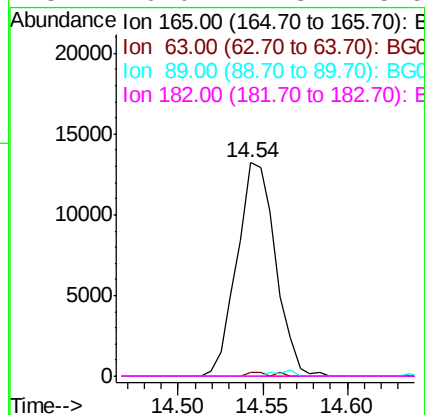
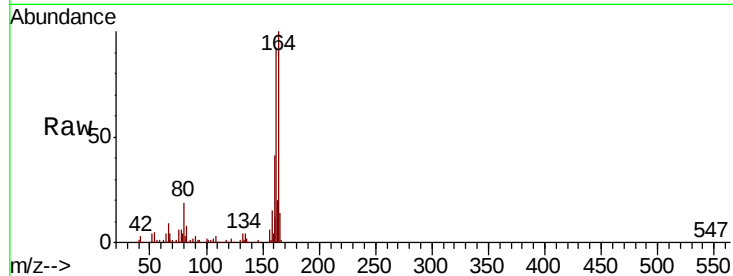




#57
2,4-Dinitrotoluene
Concen: 5.086 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.38 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

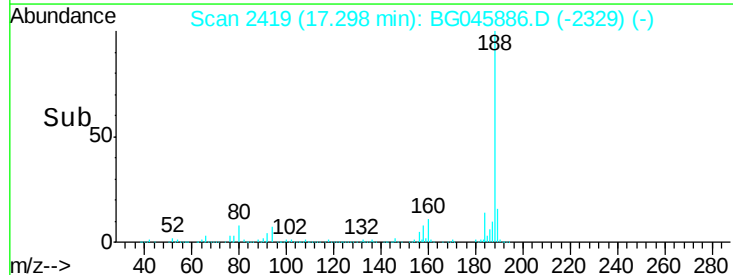
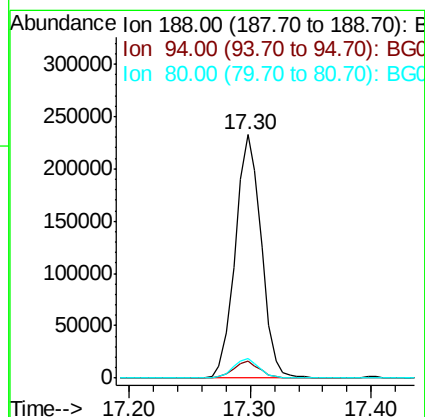
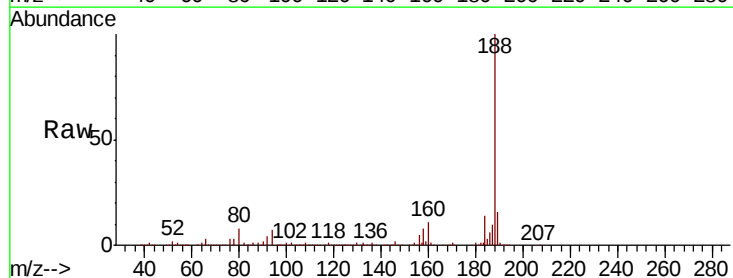
Instrument :
BNA_G
ClientSampleId :
SP1-A

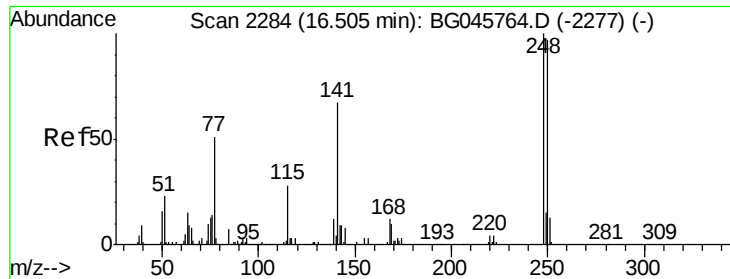
Tot Ion:165 Resp: 21056
Ion Ratio Lower Upper
165 100
63 2.0 35.2 52.8#
89 0.0 61.4 92.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG045886.D
Acq: 30 Jun 2020 16:04

Tgt Ion:188 Resp: 349218
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.9 6.6 10.0

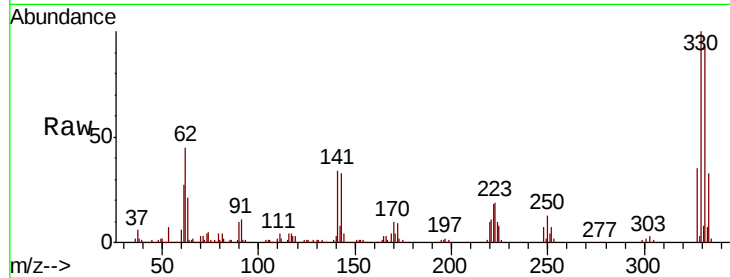




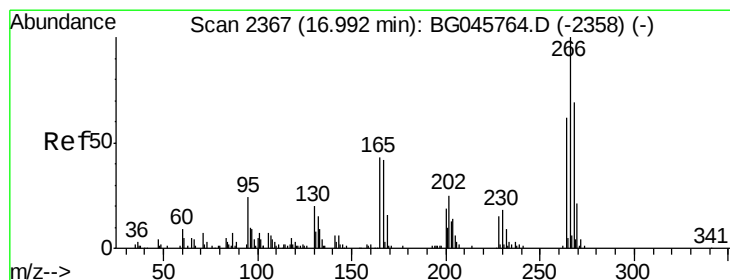
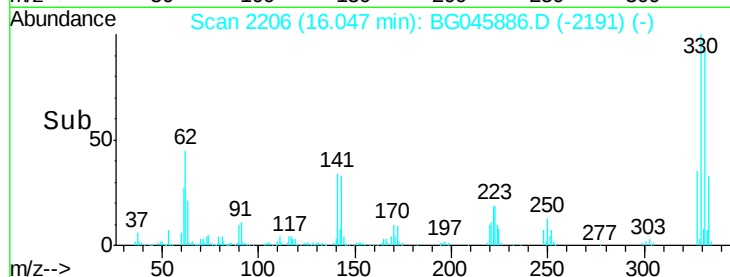
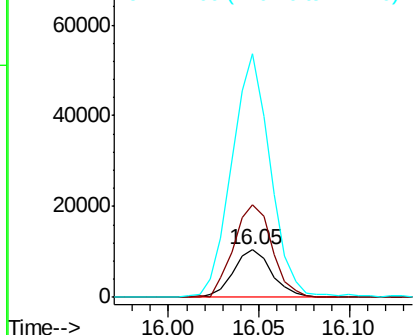
#67
 4-Bromophenyl-phenylether
 Concen: 3.420 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.44 min
 Lab File: BG045886.D
 Acq: 30 Jun 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 SP1-A

Tot Ion:248 Resp: 15519
 Ion Ratio Lower Upper
 248 100
 250 193.8 76.8 115.2#
 141 512.5 52.6 79.0#

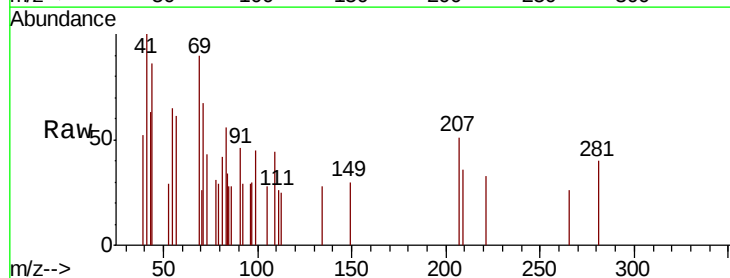


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

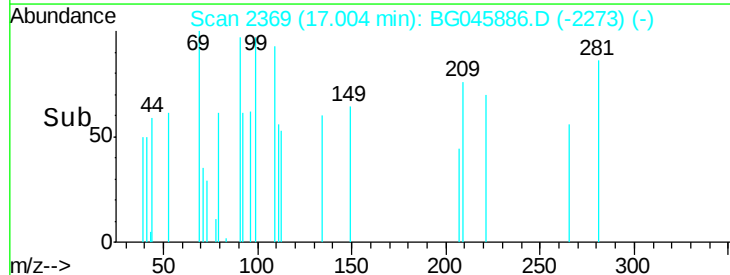
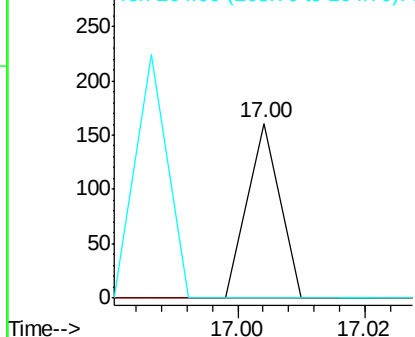


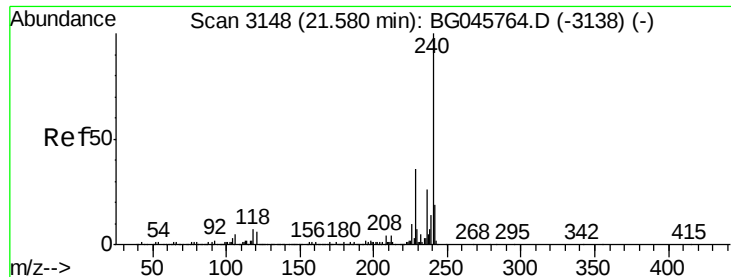
#70
 Pentachlorophenol
 Concen: 7.655 ng
 RT: 17.00 min Scan# 2369
 Delta R.T. 0.03 min
 Lab File: BG045886.D
 Acq: 30 Jun 2020 16:04

Tgt Ion:266 Resp: 57
 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: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045886.D

Acq: 30 Jun 2020 16:04

Instrument :

BNA_G

ClientSampled :

SP1-A

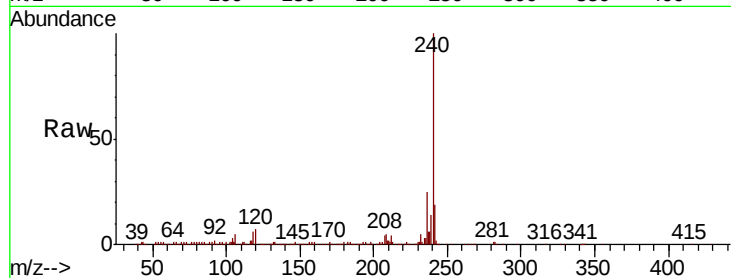
Tot Ion:240 Resp: 319534

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

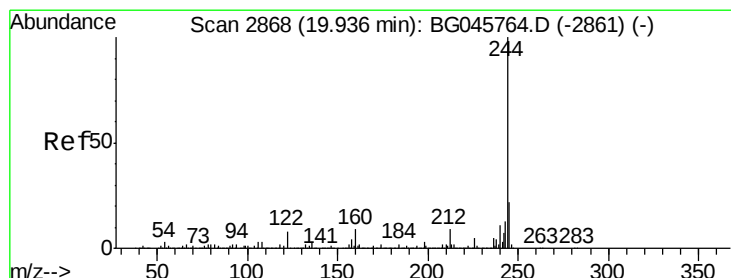
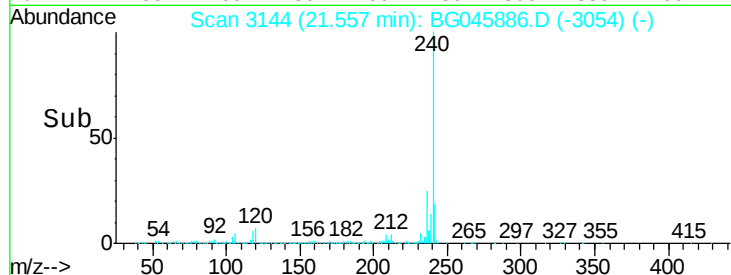
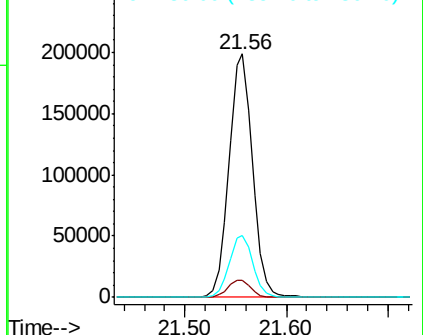
236 25.5 21.3 31.9



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



#79

Terphenyl-d14

Concen: 71.433 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045886.D

Acq: 30 Jun 2020 16:04

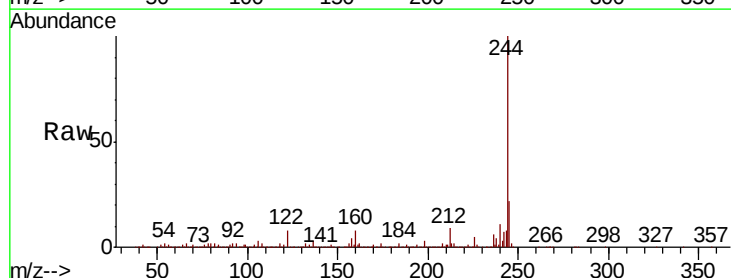
Tgt Ion:244 Resp: 1126288

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

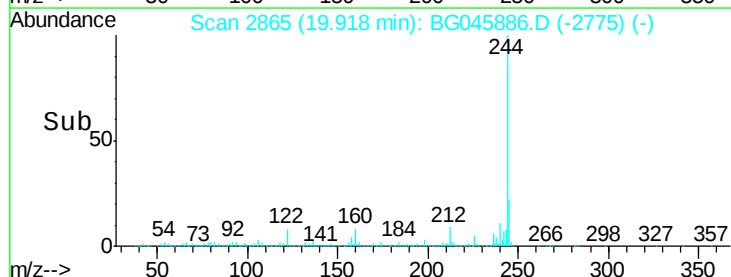
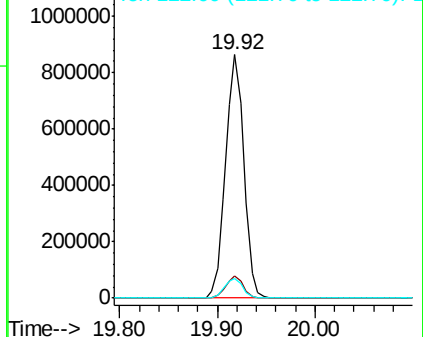
122 8.0 6.9 10.3

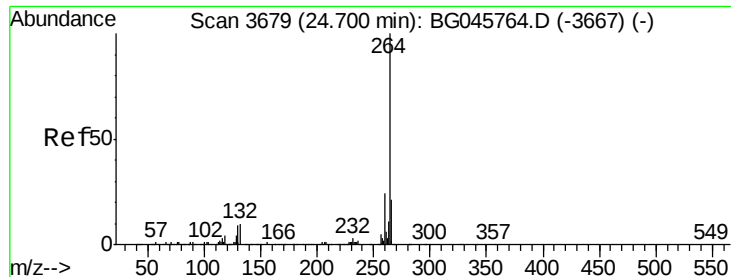


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.67 min Scan# 3674
 Delta R.T. -0.00 min
 Lab File: BG045886.D
 Acq: 30 Jun 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 SP1-A

Tot Ion:	264	Resp:	328897
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.4	26.0

