

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045919.D
 Acq On : 2 Jul 2020 18:04
 Operator : CG/JU
 Sample : L3172-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5-SS

Quant Time: Jul 03 00:37:02 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

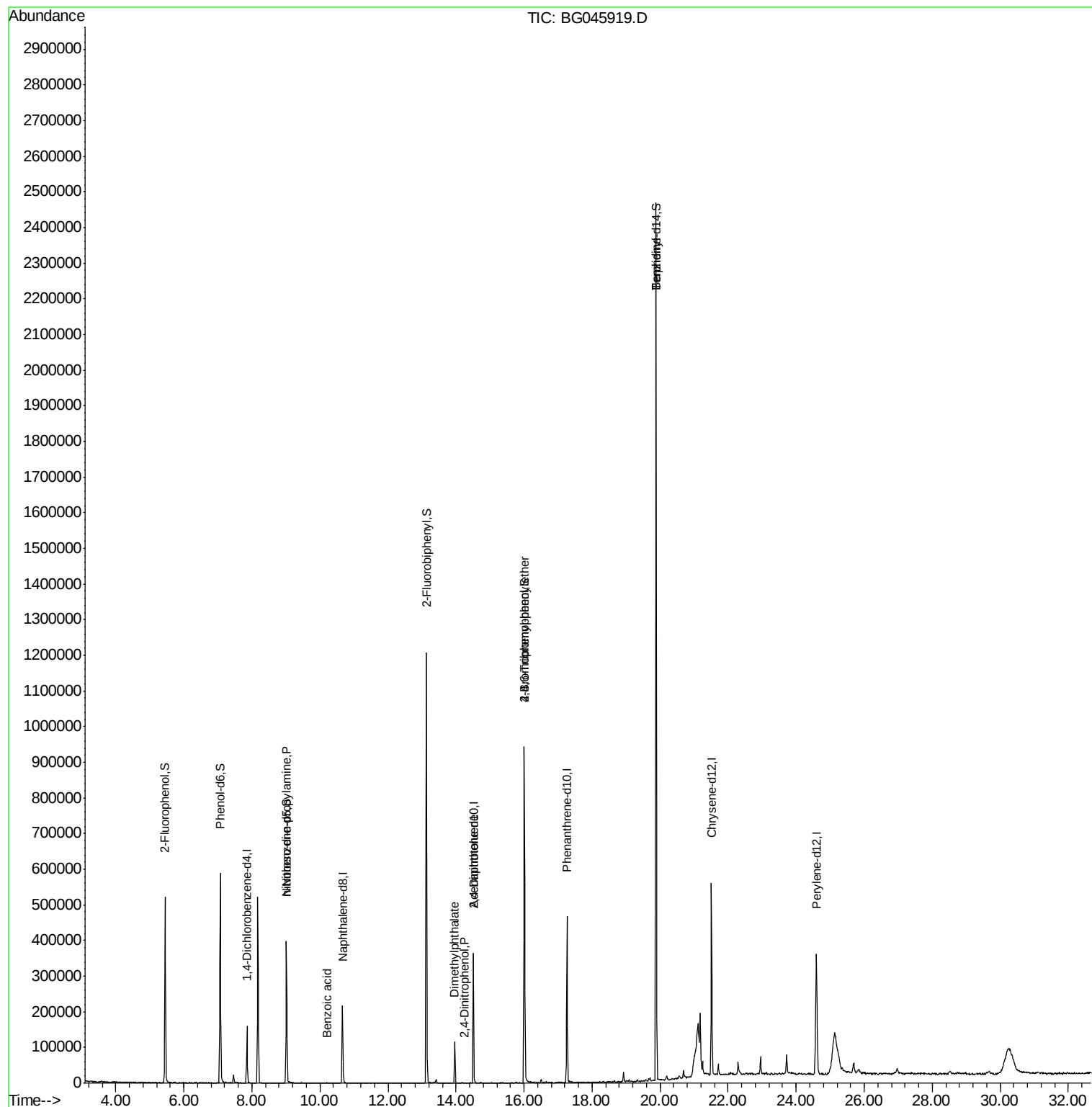
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45284	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	186603	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	133306	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	314069	20.00	ng	0.00
76) Chrysene-d12	21.51	240	329982	20.00	ng	0.00
86) Perylene-d12	24.59	264	351922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	251824	93.94	ng	0.00
7) Phenol-d6	7.07	99	370730	90.92	ng	0.00
23) Nitrobenzene-d5	9.02	82	265498	65.00	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	192362	95.58	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	635081	70.01	ng	0.00
79) Terphenyl-d14	19.89	244	1232041	75.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.02	70	37965	14.162	ng	Qvalue # 76
32) Benzoic acid	10.21	122	53	9.002	ng	# 1
50) Dimethylphthalate	13.96	163	80922	7.749	ng	99
54) 2,4-Dinitrophenol	14.25	184	60	9.866	ng	# 15
57) 2,4-Dinitrotoluene	14.51	165	17301	5.148	ng	# 21
67) 4-Bromophenyl-phenylether	16.01	248	12841	3.147	ng	# 1
77) Benzidine	19.89	184	21667	2.526	ng	# 82

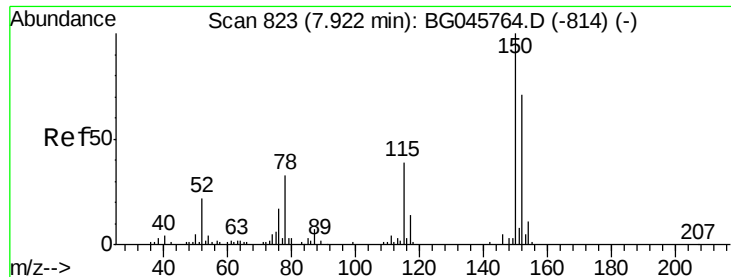
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045919.D
Acq On : 2 Jul 2020 18:04
Operator : CG/JU
Sample : L3172-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP5-SS

Quant Time: Jul 03 00:37:02 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



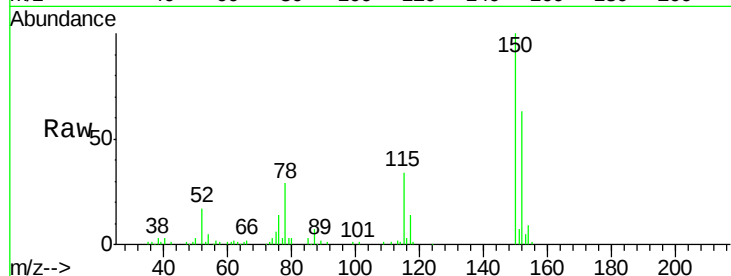


#1

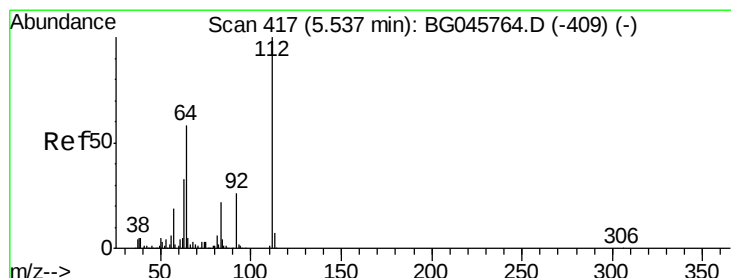
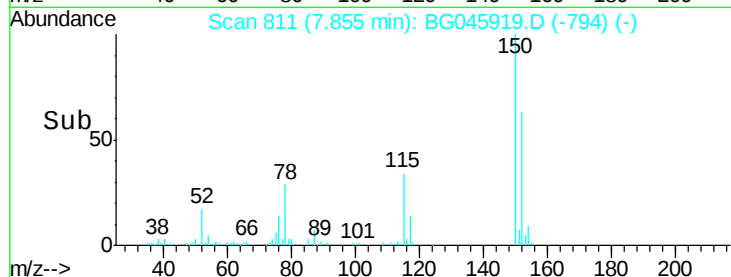
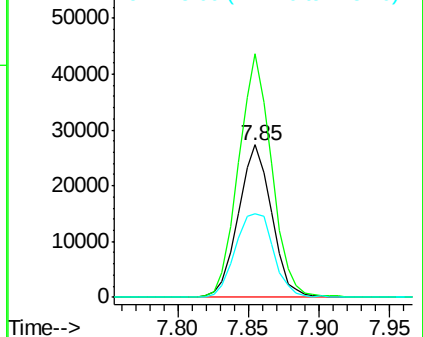
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Instrument :
BNA_G
ClientSampleId :
TP5-SS

Tot Ion:152 Resp: 45284
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 55.0 45.8 68.8



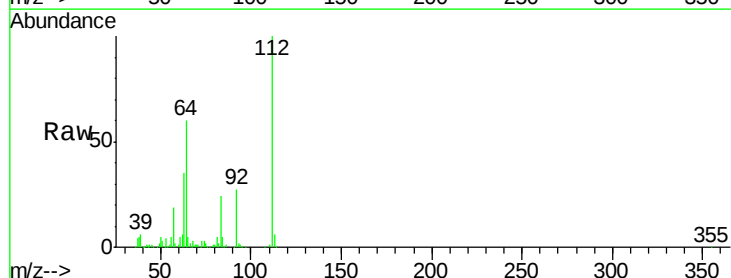
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



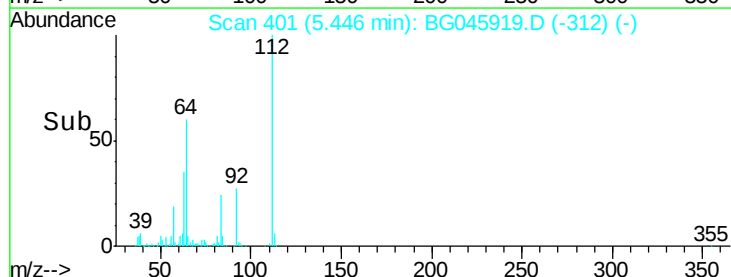
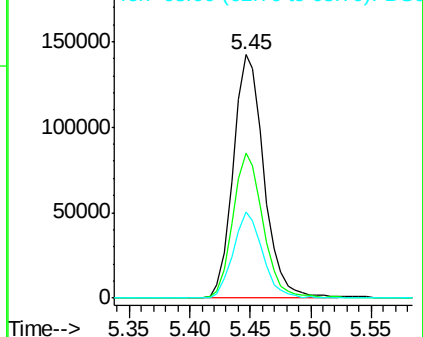
#5

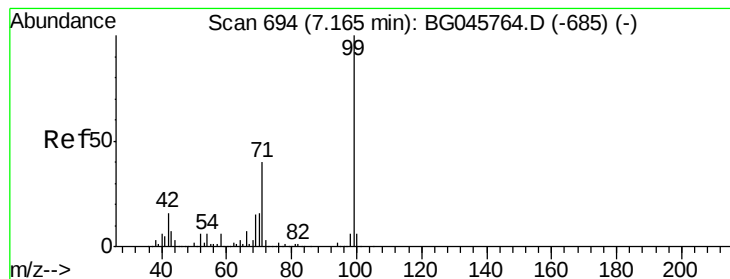
2-Fluorophenol
Concen: 93.938 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Tgt Ion:112 Resp: 251824
Ion Ratio Lower Upper
112 100
64 59.5 44.9 67.3
63 35.2 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: 90.918 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

Instrument :

BNA_G

ClientSampled :

TP5-SS

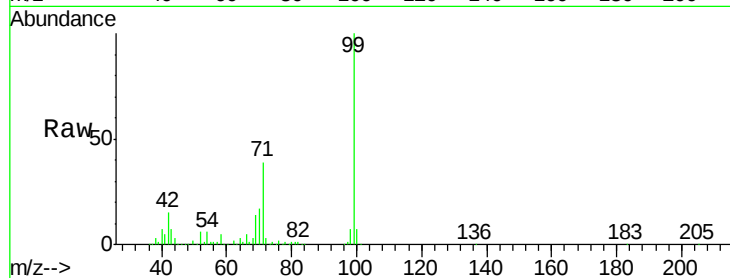
Tot Ion: 99 Resp: 370730

Ion Ratio Lower Upper

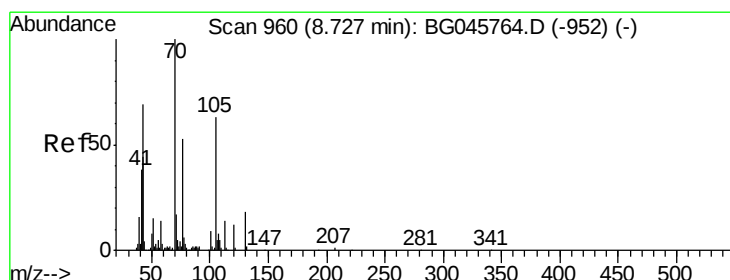
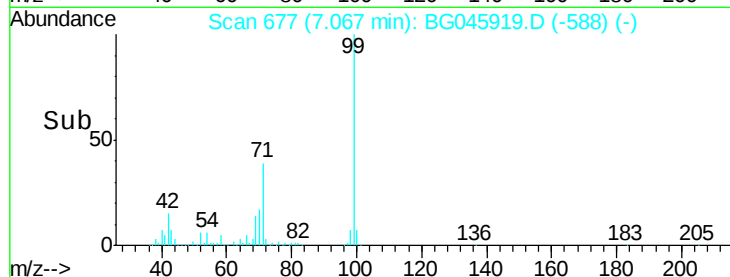
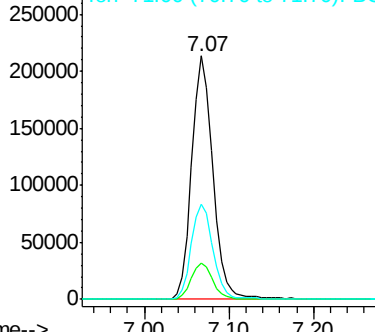
99 100

42 14.9 11.8 17.8

71 39.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.162 ng

RT: 9.02 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

Tgt Ion: 70 Resp: 37965

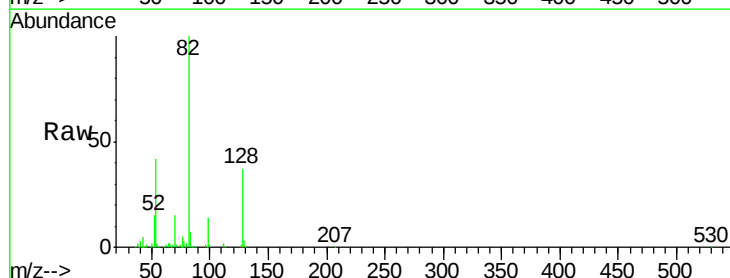
Ion Ratio Lower Upper

70 100

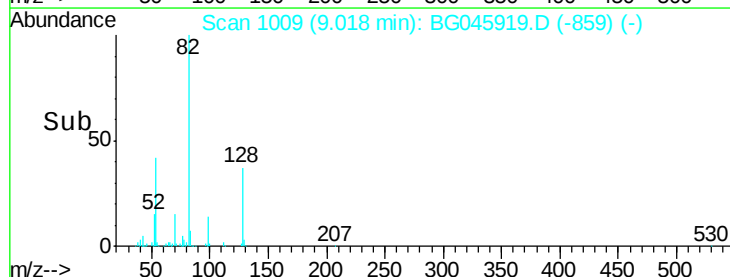
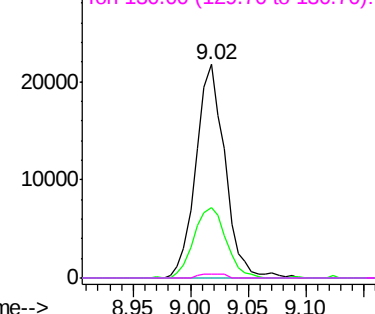
42 33.1 35.6 53.4#

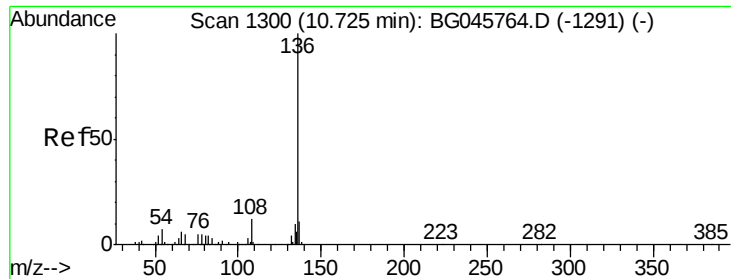
101 0.0 6.6 10.0#

130 1.6 14.8 22.2#



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

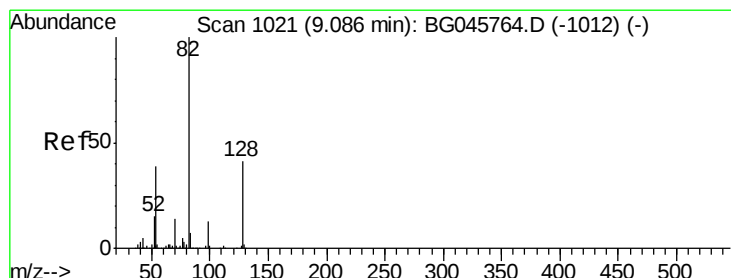
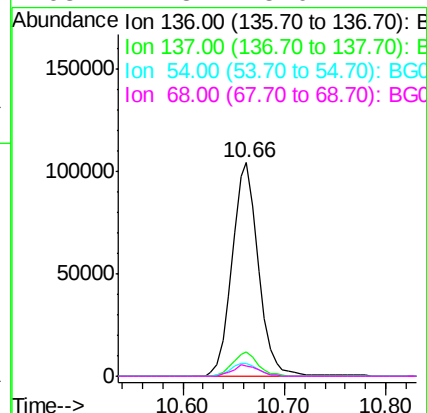
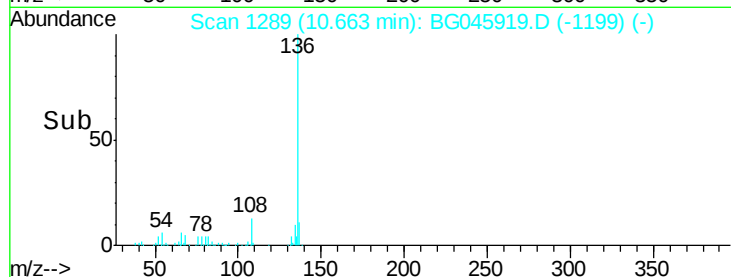
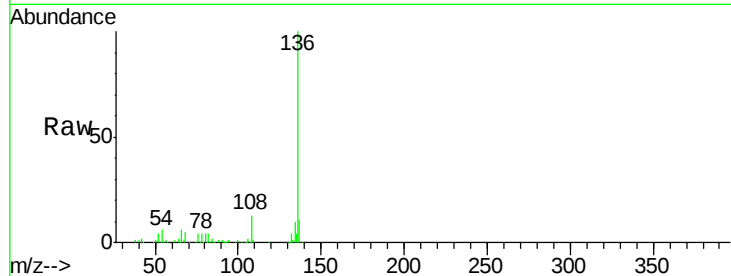




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

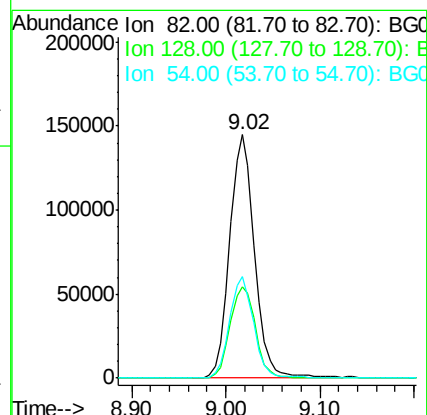
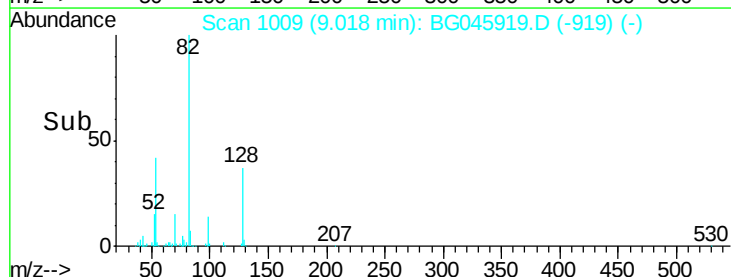
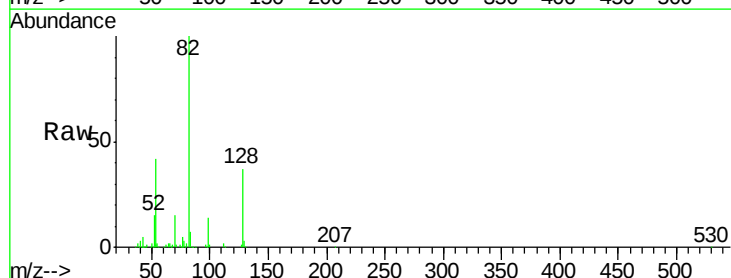
Instrument :
BNA_G
ClientSampleId :
TP5-SS

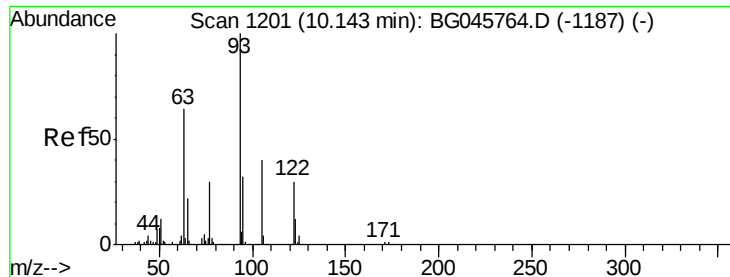
Tot Ion:136	Resp:	186603
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.2 12.4
54	5.8	4.6 7.0
68	4.8	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 64.998 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Tgt Ion: 82	Resp:	265498
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.9 44.9
54	41.5	33.3 49.9

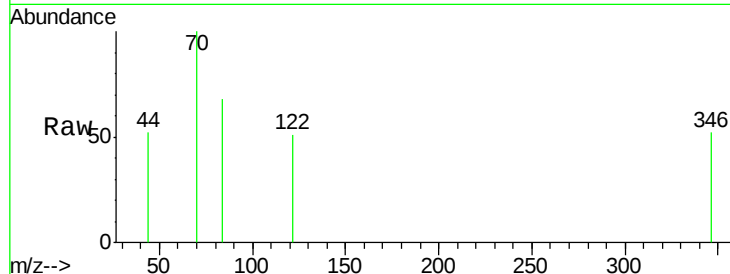




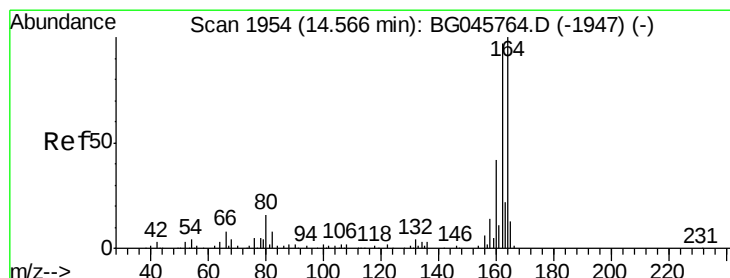
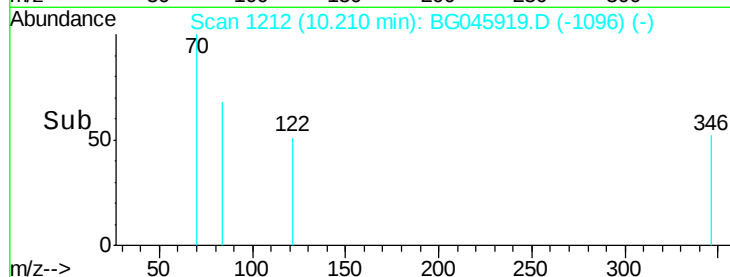
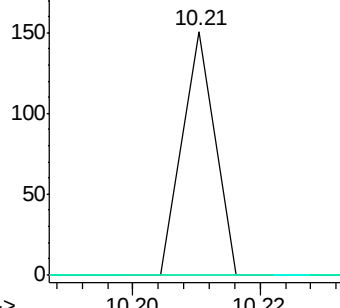
#32
Benzoic acid
Concen: 9.002 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.15 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Instrument :
BNA_G
ClientSampleId :
TP5-SS

Tot Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 123.1 163.1#
77 0.0 93.9 133.9#

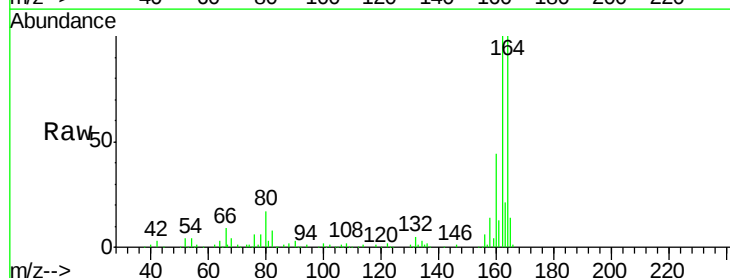


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

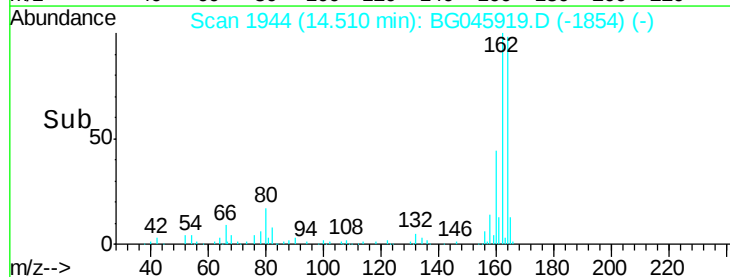
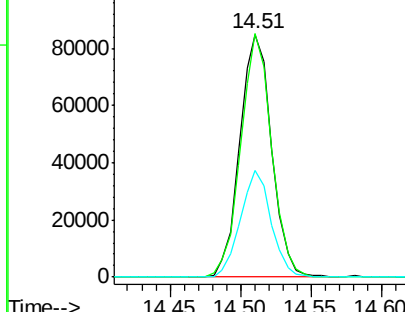


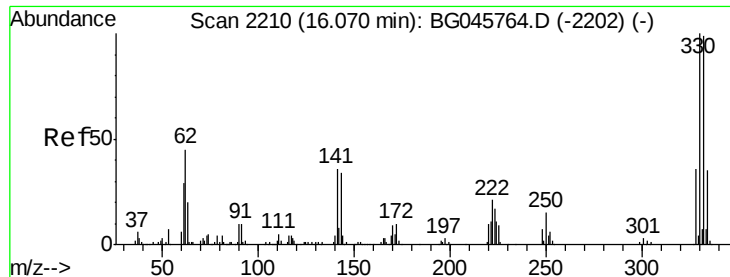
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Tgt Ion:164 Resp: 133306
Ion Ratio Lower Upper
164 100
162 100.3 78.8 118.2
160 44.0 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: 95.580 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

Instrument :

BNA_G

ClientSampleId :

TP5-SS

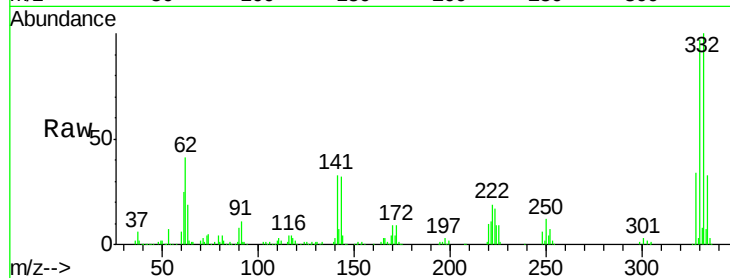
Tot Ion:330 Resp: 192362

Ion Ratio Lower Upper

330 100

332 98.1 79.4 119.0

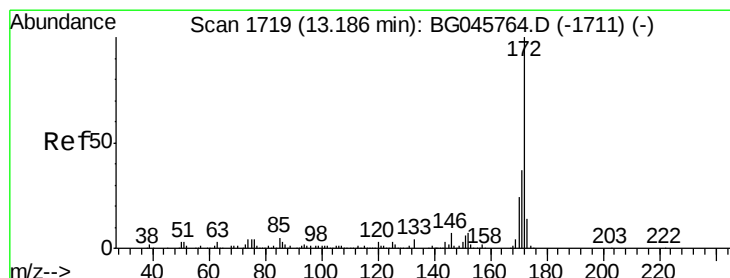
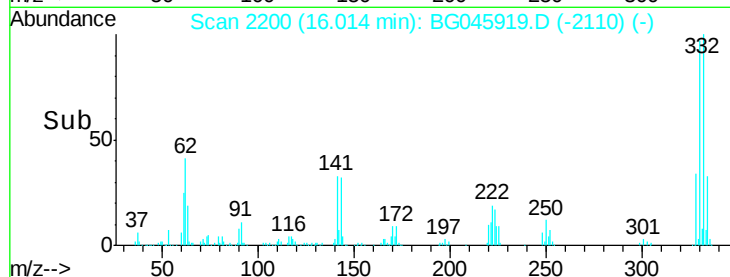
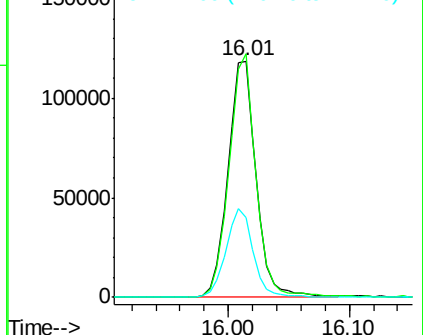
141 36.4 28.2 42.2



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: 70.011 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

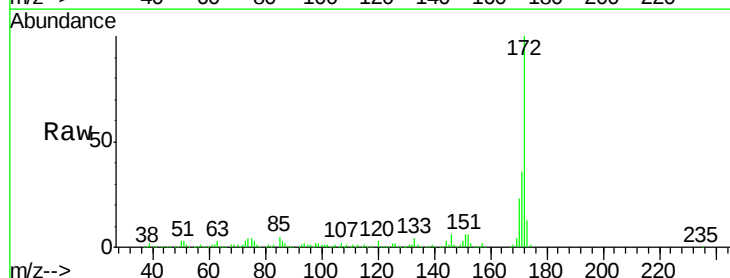
Tgt Ion:172 Resp: 635081

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

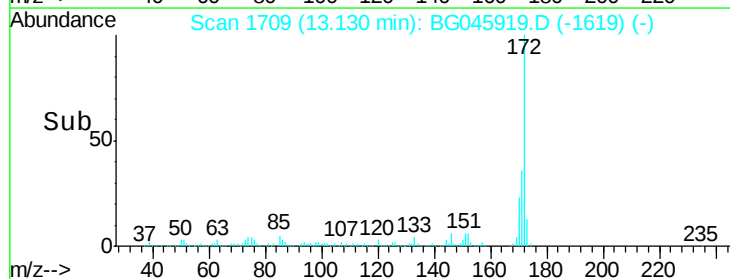
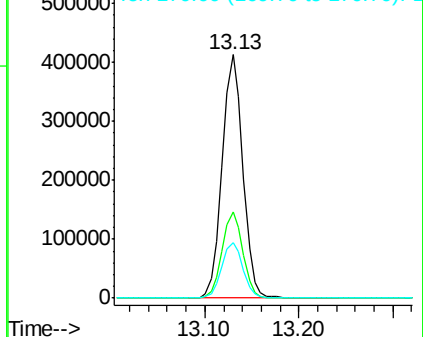
170 22.8 18.9 28.3

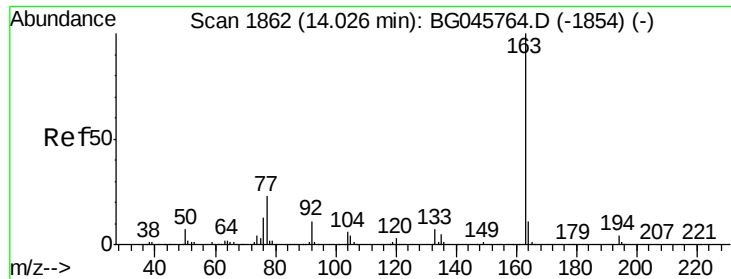


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.749 ng

RT: 13.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

Instrument :

BNA_G

ClientSampleId :

TP5-SS

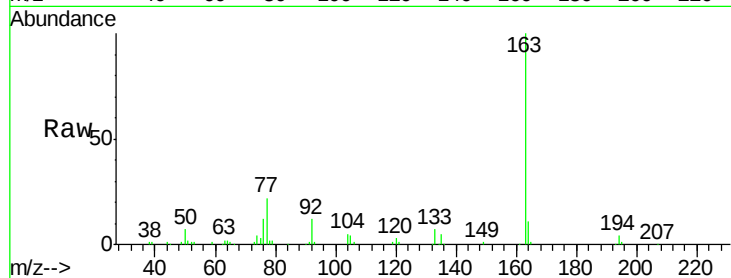
Tot Ion:163 Resp: 80922

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

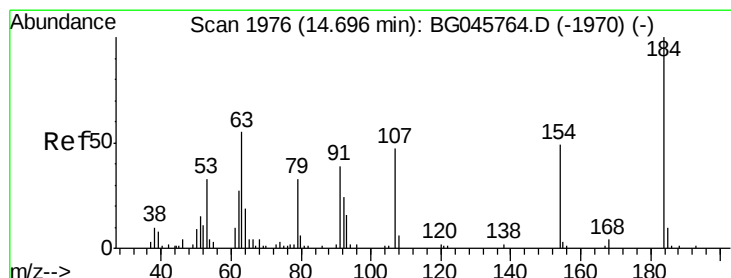
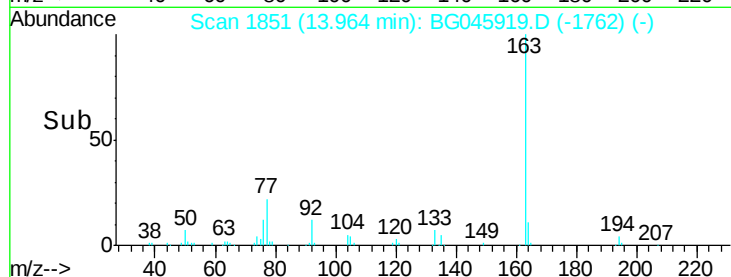
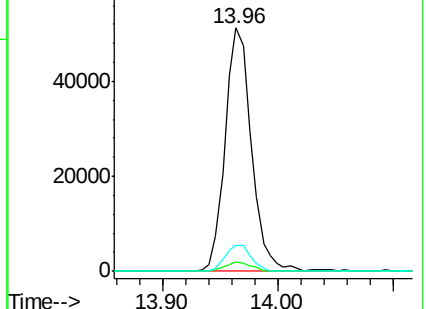
164 10.9 8.7 13.1



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



#54

2,4-Dinitrophenol

Concen: 9.866 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.40 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

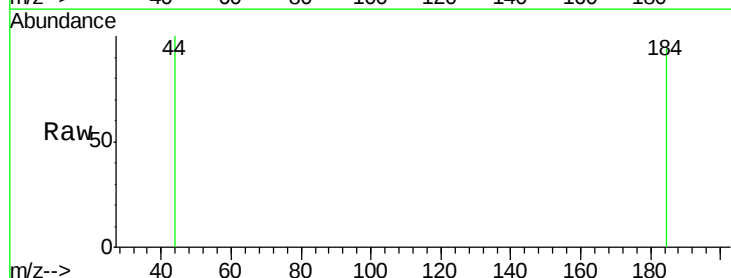
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 49.4 74.0#

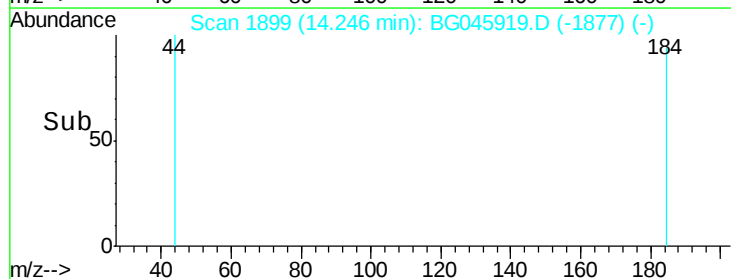
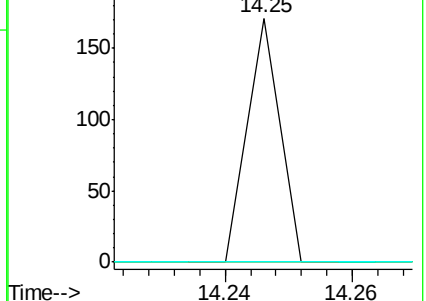
154 0.0 59.8 89.8#

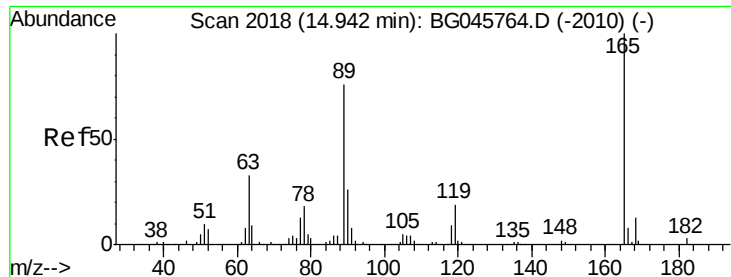


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

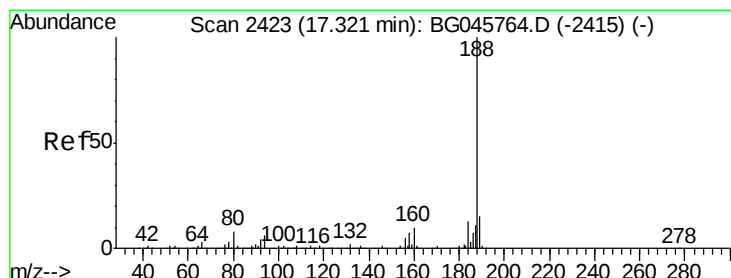
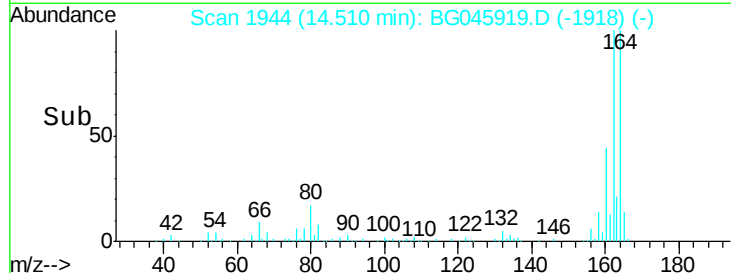
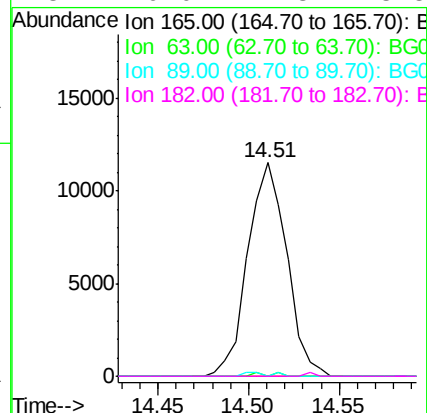
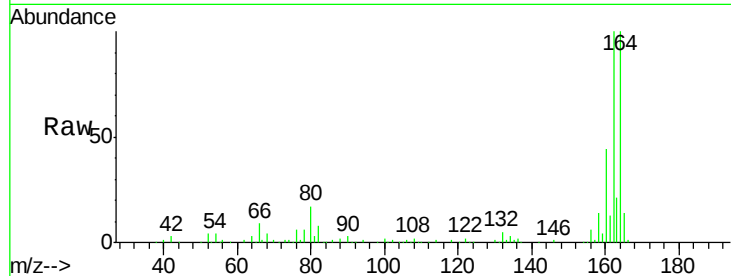




#57
 2,4-Dinitrotoluene
 Concen: 5.148 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG045919.D
 Acq: 2 Jul 2020 18:04

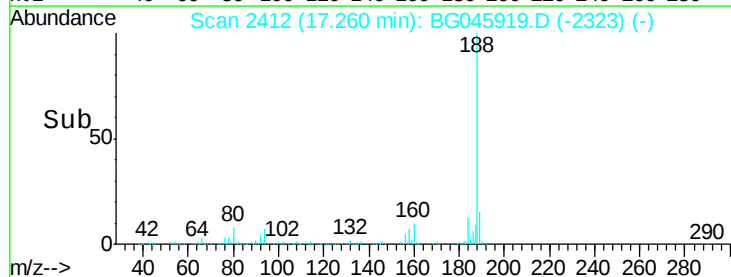
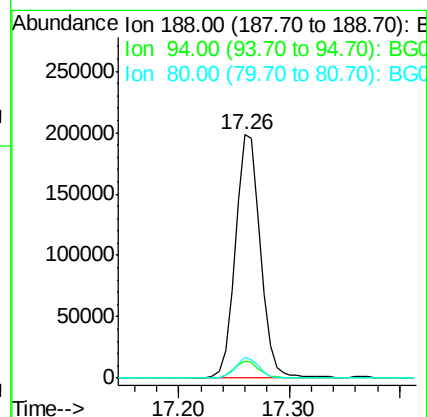
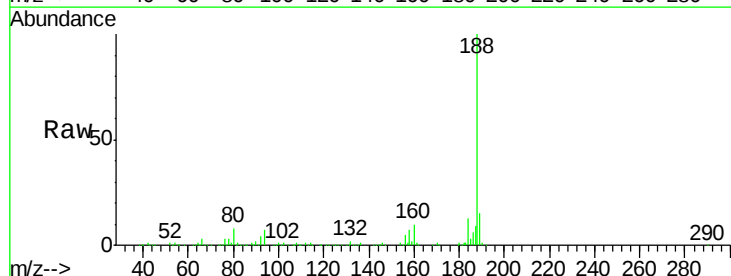
Instrument :
 BNA_G
 ClientSampleId :
 TP5-SS

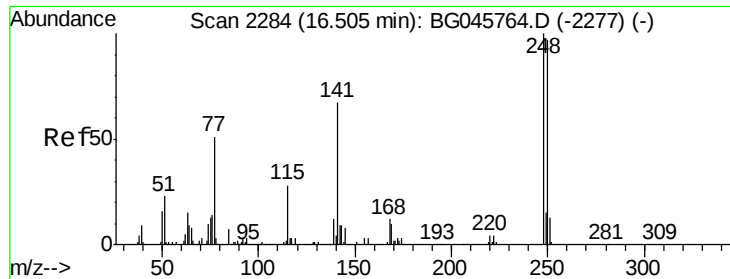
Tot Ion:165	Resp: 17301
Ion Ratio	Lower Upper
165 100	
63 0.0	34.5 51.7#
89 0.0	60.8 91.2#
182 0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG045919.D
 Acq: 2 Jul 2020 18:04

Tgt	Ion:188	Resp:	314069
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.4	6.1	9.1

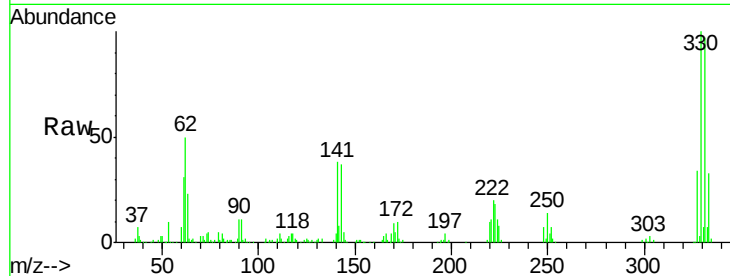




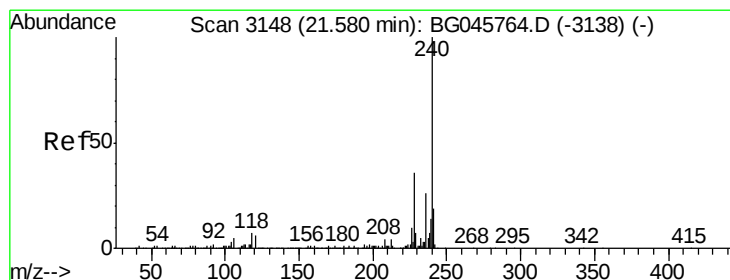
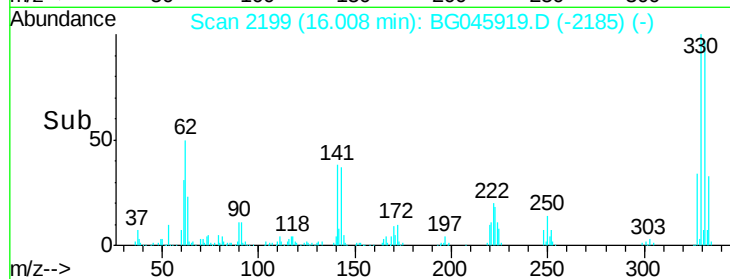
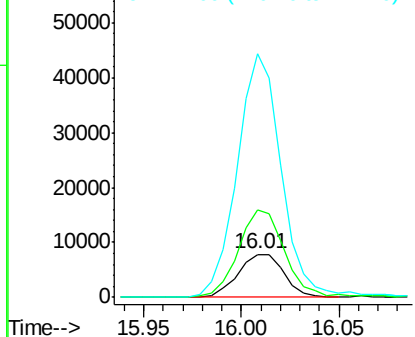
#67
4-Bromophenyl-phenylether
Concen: 3.147 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Instrument :
BNA_G
ClientSampleId :
TP5-SS

Tot Ion:248 Resp: 12841
Ion Ratio Lower Upper
248 100
250 205.1 77.2 115.8#
141 568.6 52.6 79.0#

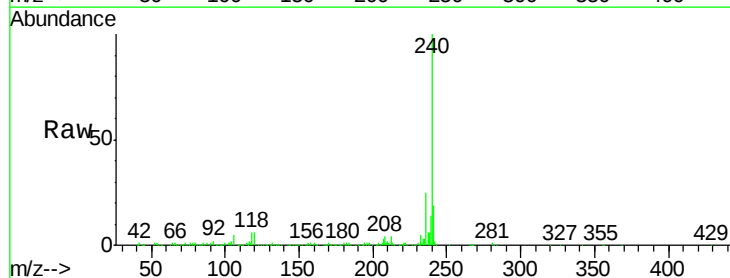


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

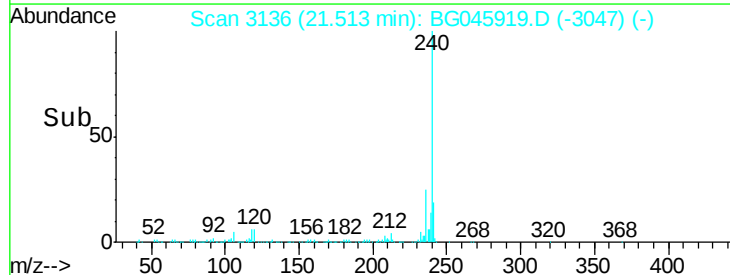
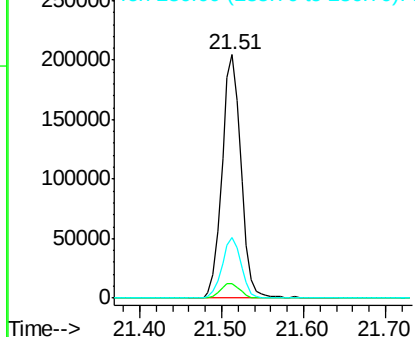


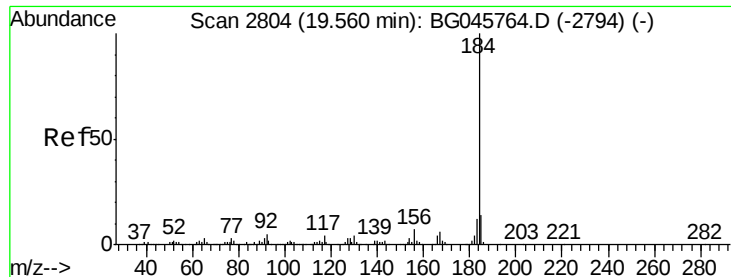
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Tgt Ion:240 Resp: 329982
Ion Ratio Lower Upper
240 100
120 6.0 5.2 7.8
236 25.0 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: 2.526 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

Instrument :

BNA_G

ClientSampleId :

TP5-SS

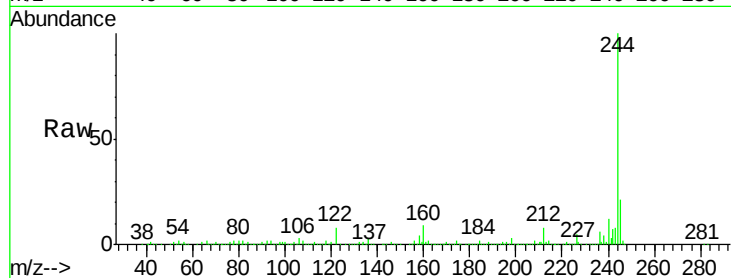
Tot Ion:184 Resp: 21667

Ion Ratio Lower Upper

184 100

185 20.9 11.1 16.7#

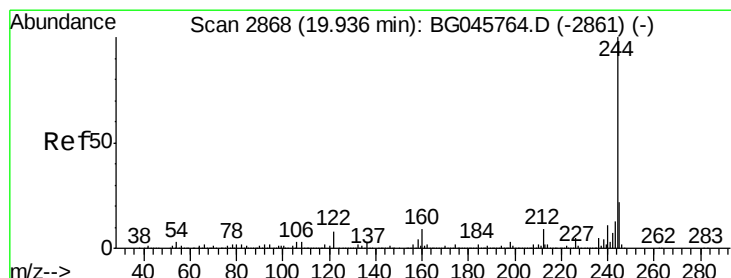
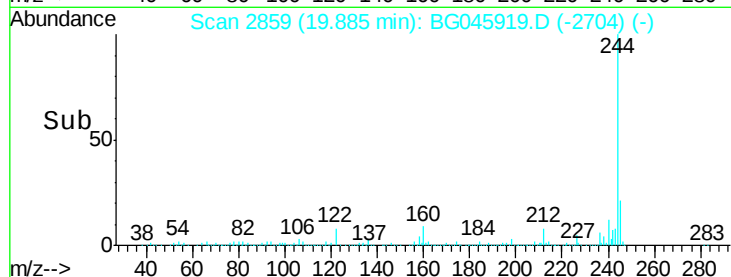
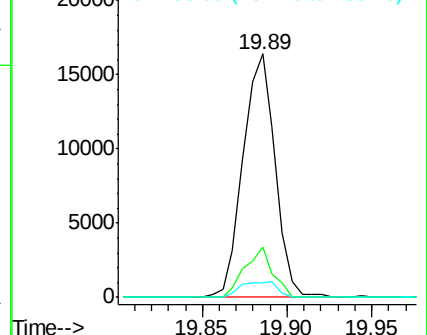
183 6.0 10.6 15.8#



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: 75.666 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045919.D

Acq: 2 Jul 2020 18:04

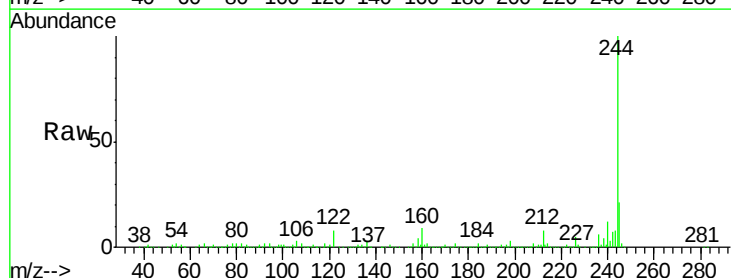
Tgt Ion:244 Resp: 1232041

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

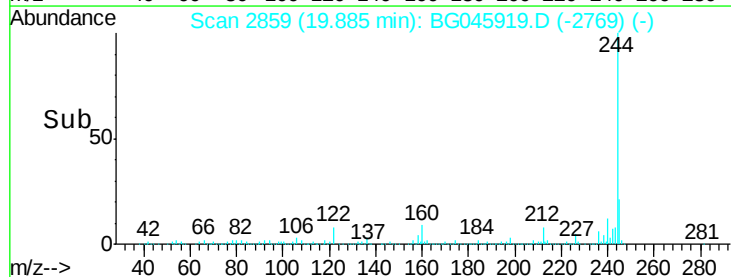
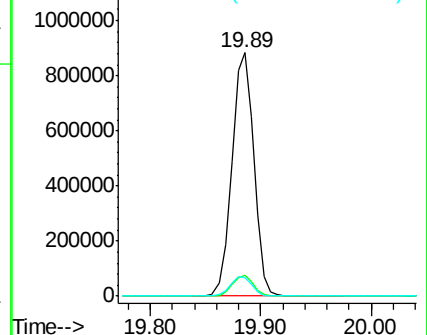
122 7.8 6.6 9.8

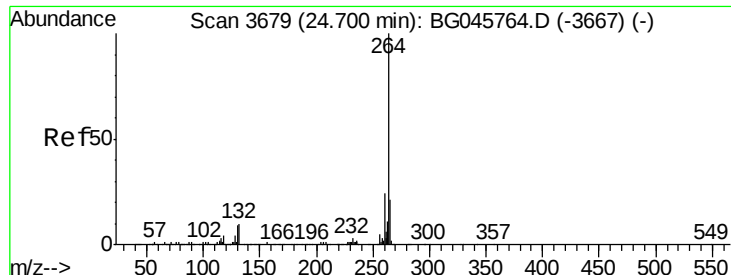


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



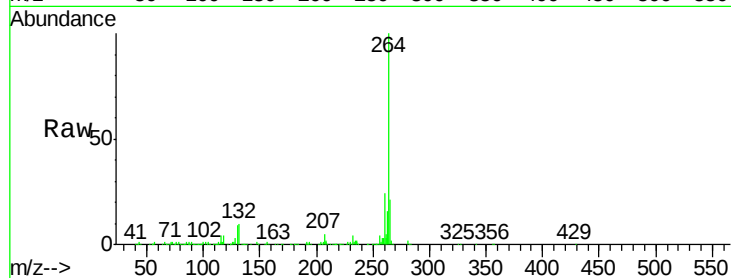


#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045919.D
Acq: 2 Jul 2020 18:04

Instrument :
BNA_G
ClientSampleId :
TP5-SS

Tot Ion:264 Resp: 351922

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	20.7	16.4	24.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

