

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046133.D
 Acq On : 31 Jul 2020 20:09
 Operator : CG/JU
 Sample : L3518-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Jul 31 23:42:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

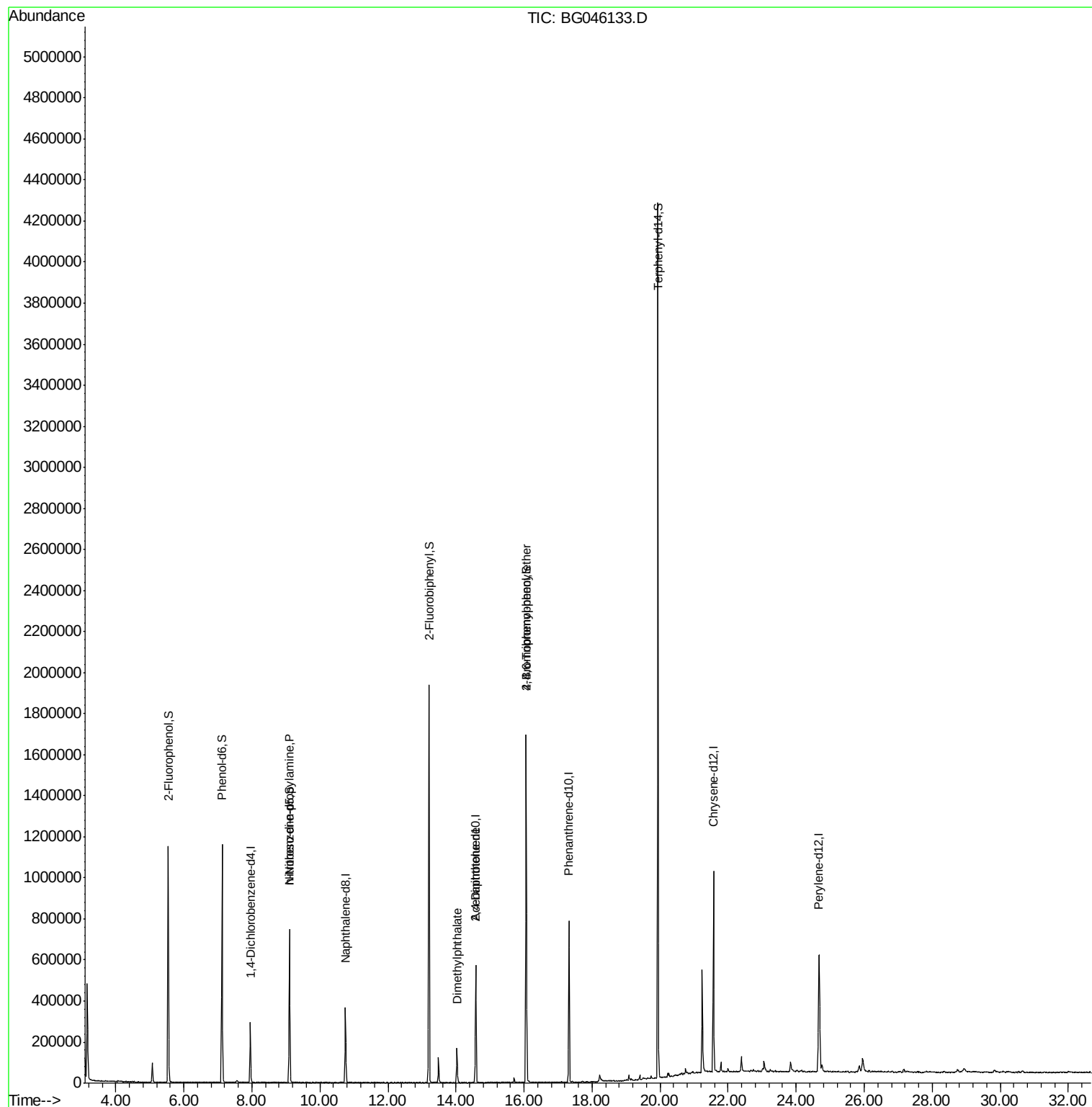
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	85534	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	325803	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	207203	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	490506	20.00	ng	0.00
76) Chrysene-d12	21.57	240	600921	20.00	ng	0.00
86) Perylene-d12	24.68	264	611719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	517388	105.15	ng	0.00
7) Phenol-d6	7.12	99	679216	101.29	ng	0.00
23) Nitrobenzene-d5	9.11	82	452748	75.24	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	342764	107.70	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1040328	72.93	ng	0.00
79) Terphenyl-d14	19.93	244	1806004	61.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	59424	13.616	ng	# 79
50) Dimethylphthalate	14.03	163	116735	7.340	ng	# 98
57) 2,4-Dinitrotoluene	14.58	165	27898	5.482	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	21551	3.556	ng	# 1

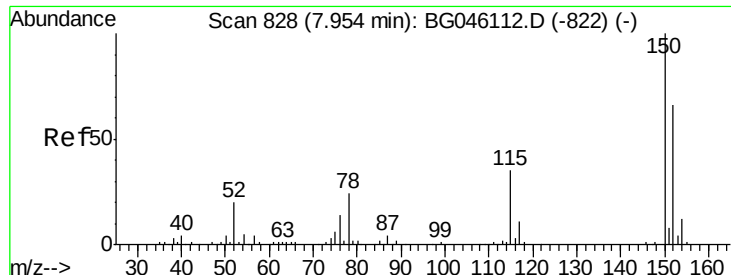
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
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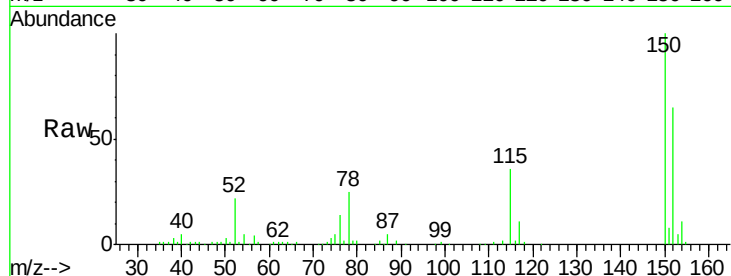


#1

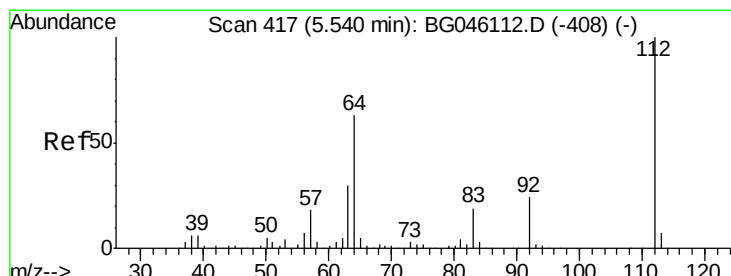
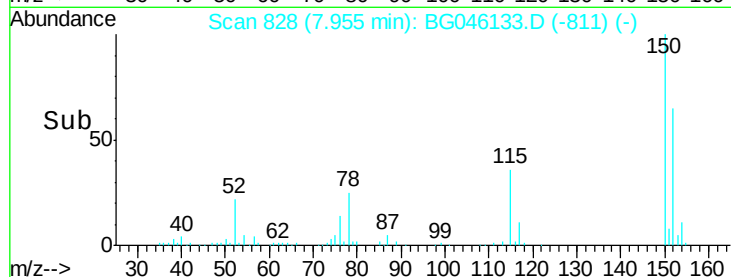
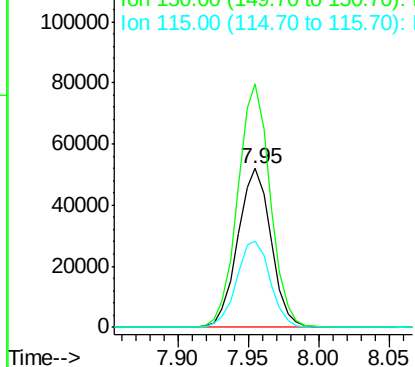
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046133.D
Acq: 31 Jul 2020 20:09

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 85534
Ion Ratio Lower Upper
152 100
150 153.3 122.1 183.1
115 54.5 43.2 64.8



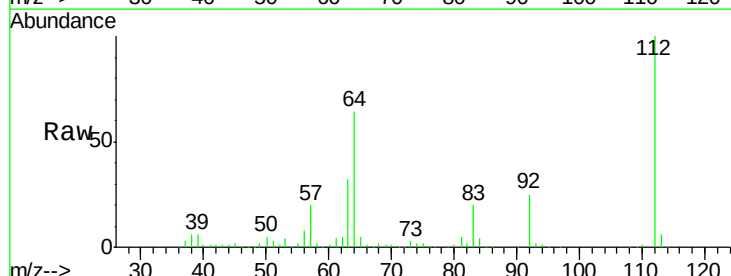
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



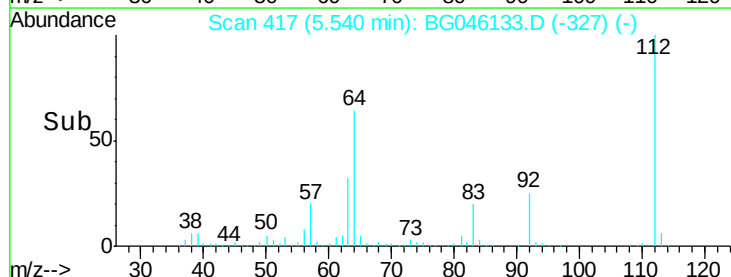
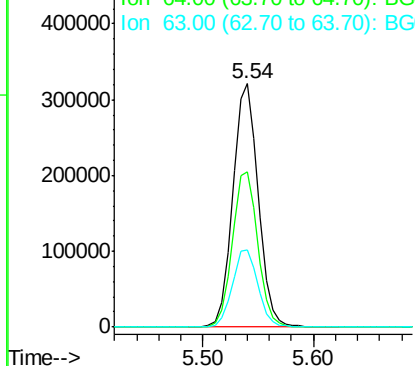
#5

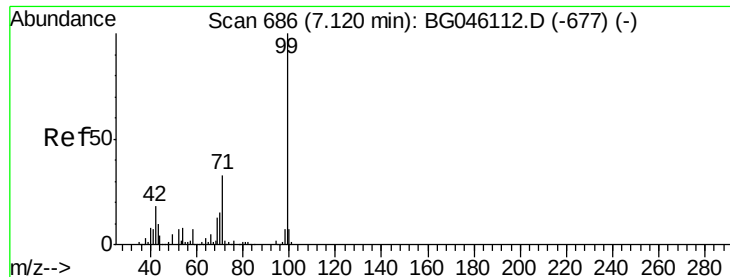
2-Fluorophenol
Concen: 105.153 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG046133.D
Acq: 31 Jul 2020 20:09

Tgt Ion:112 Resp: 517388
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.2
63 31.9 24.2 36.4



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: 101.288 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046133.D

Acq: 31 Jul 2020 20:09

Instrument :

BNA_G

ClientSampled :

TP-5

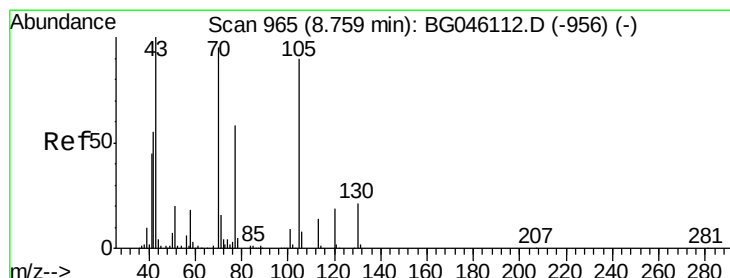
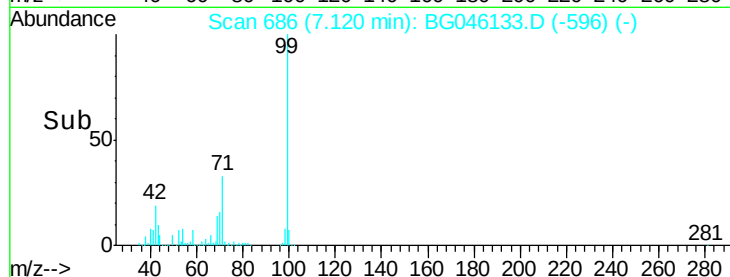
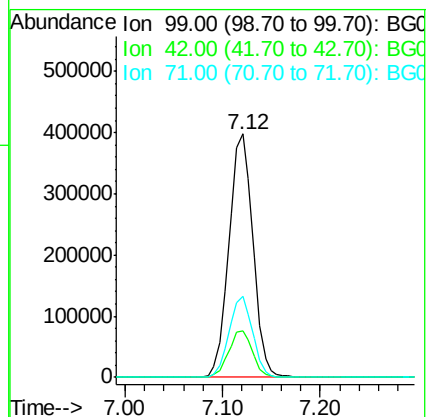
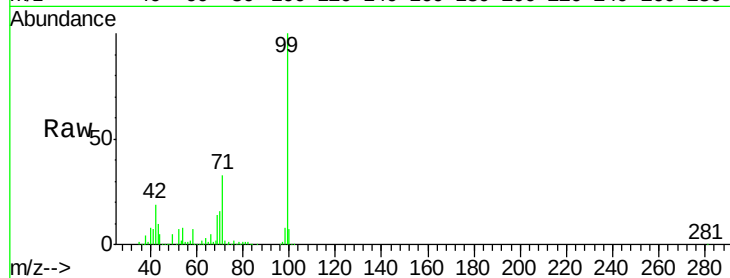
Tot Ion: 99 Resp: 679216

Ion Ratio Lower Upper

99 100

42 19.2 14.7 22.1

71 33.4 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.616 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046133.D

Acq: 31 Jul 2020 20:09

Tgt Ion: 70 Resp: 59424

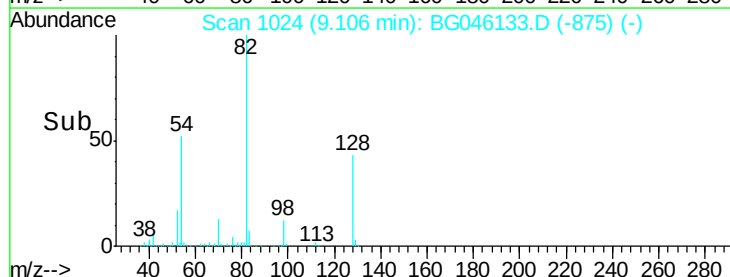
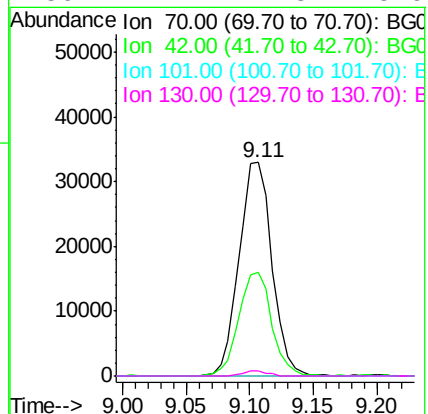
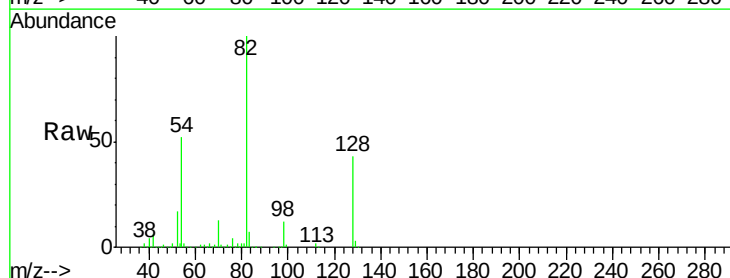
Ion Ratio Lower Upper

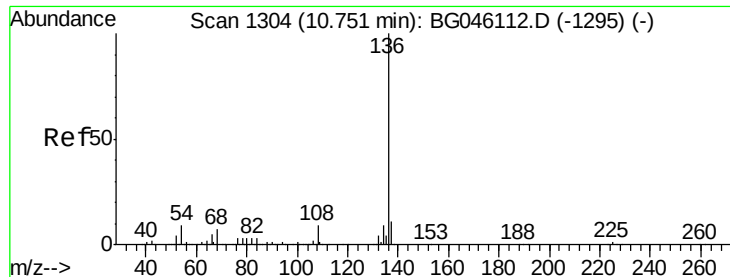
70 100

42 48.4 46.5 69.7

101 0.0 7.6 11.4#

130 2.1 17.3 25.9#

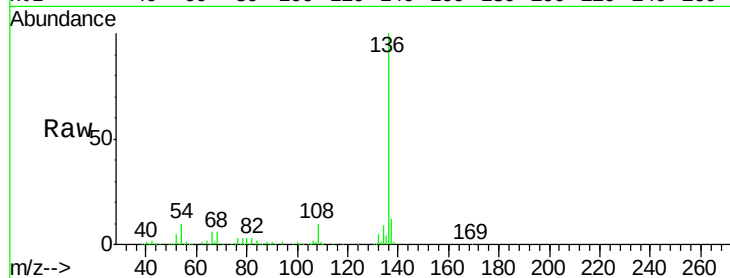




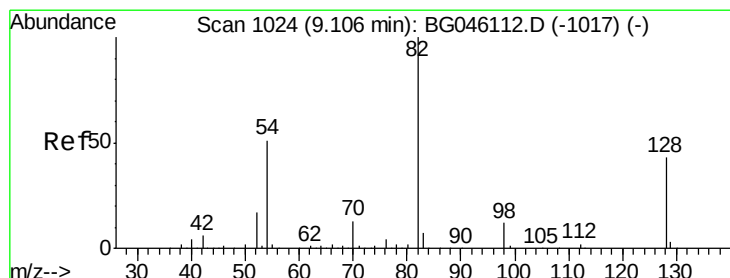
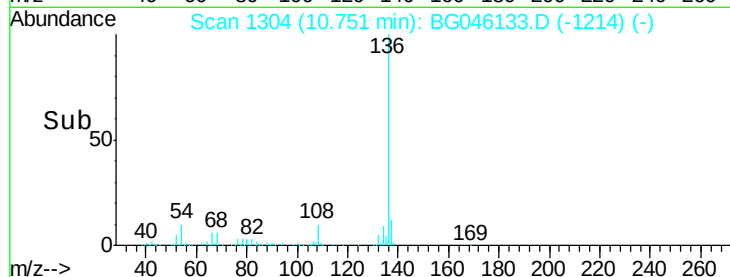
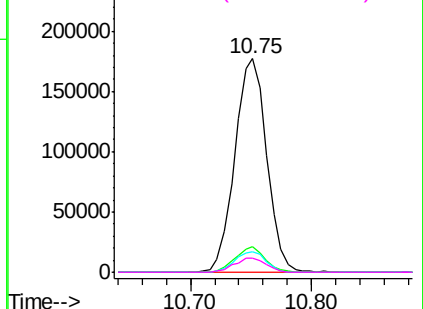
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG046133.D
Acq: 31 Jul 2020 20:09

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:136	Resp:	325803	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	8.8	13.2	
54 9.8	7.0	10.4	
68 6.4	5.3	7.9	

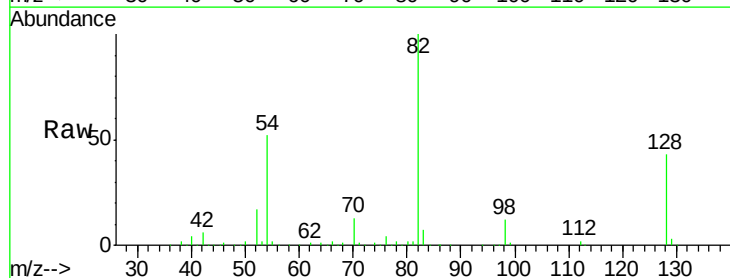


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

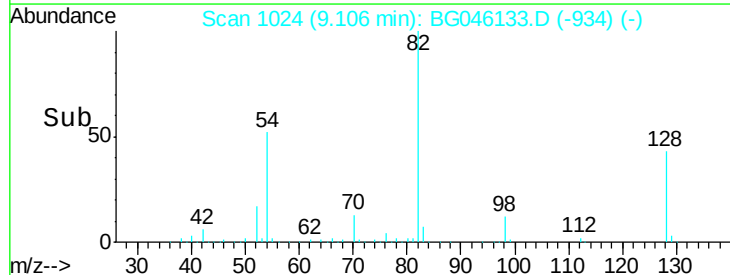
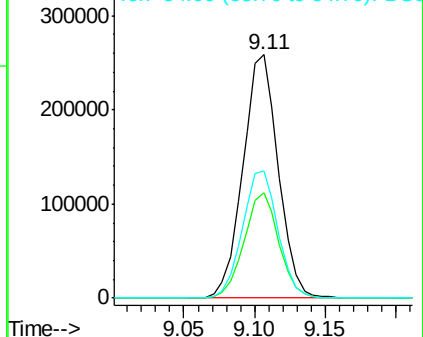


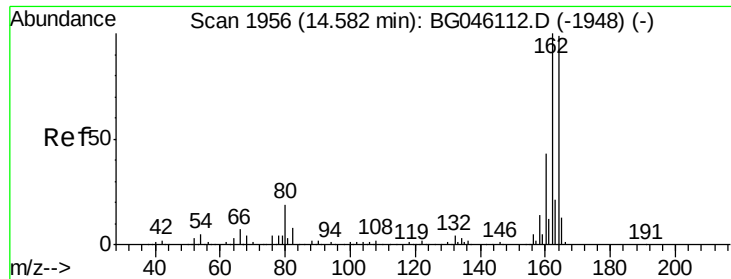
#23
Nitrobenzene-d5
Concen: 75.239 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046133.D
Acq: 31 Jul 2020 20:09

Tgt	Ion: 82	Resp:	452748
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.4	51.6
54	52.0	40.8	61.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046133.D

Acq: 31 Jul 2020 20:09

Instrument :

BNA_G

ClientSampled :

TP-5

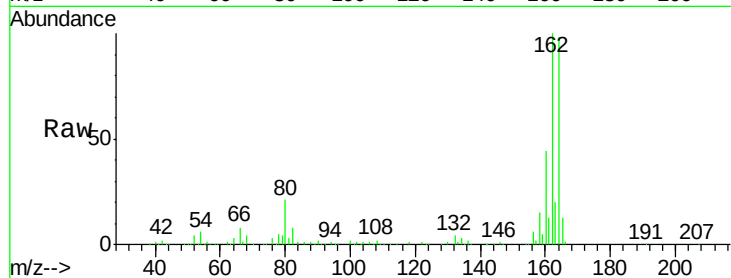
Tot Ion:164 Resp: 207203

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

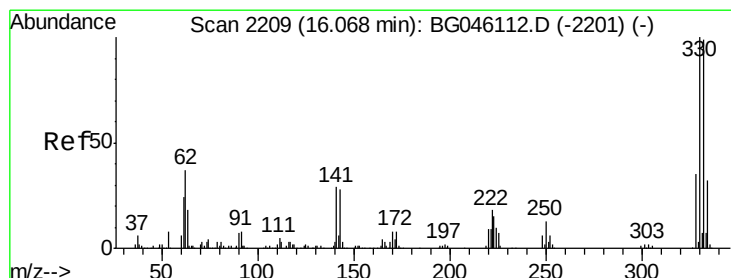
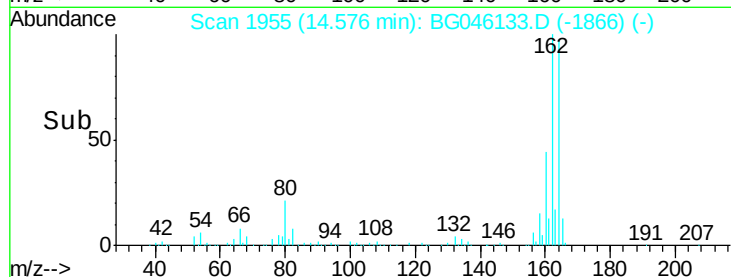
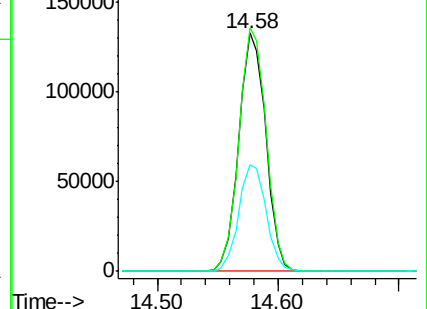
160 44.6 34.9 52.3



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: 107.699 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046133.D

Acq: 31 Jul 2020 20:09

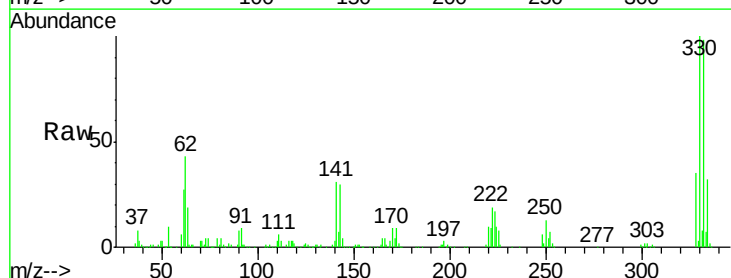
Tgt Ion:330 Resp: 342764

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

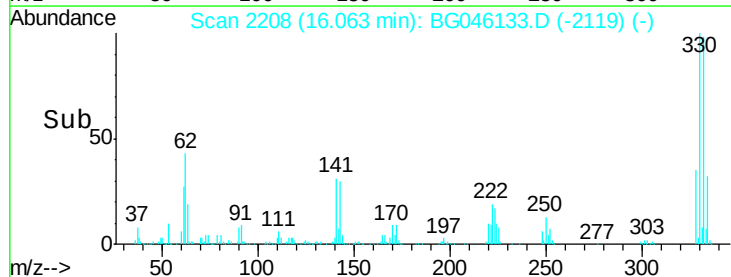
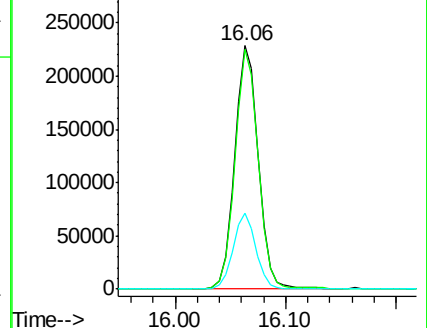
141 30.3 23.4 35.0

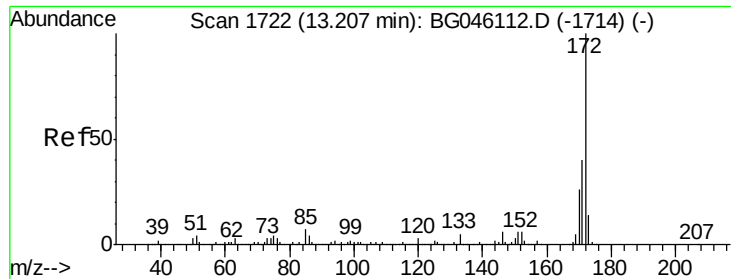


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

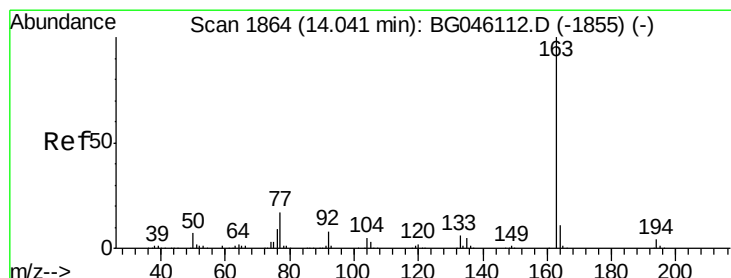
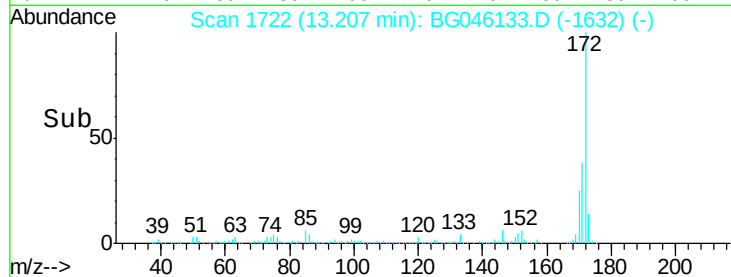
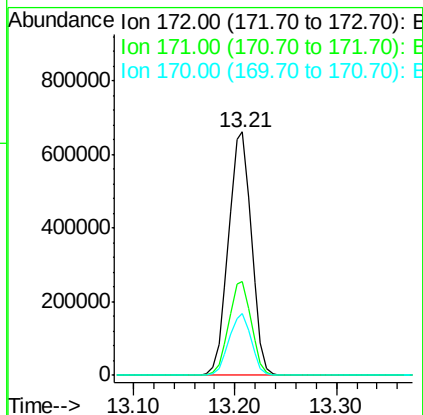
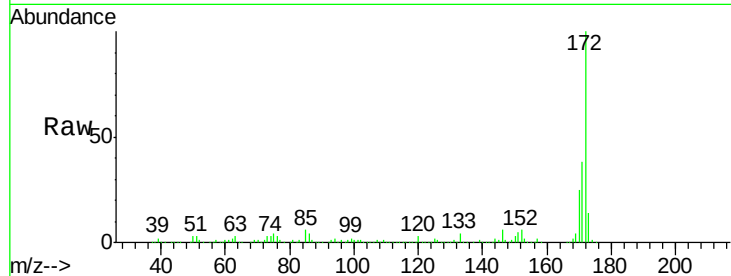




#45
 2-Fluorobiphenyl
 Concen: 72.934 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG046133.D
 Acq: 31 Jul 2020 20:09

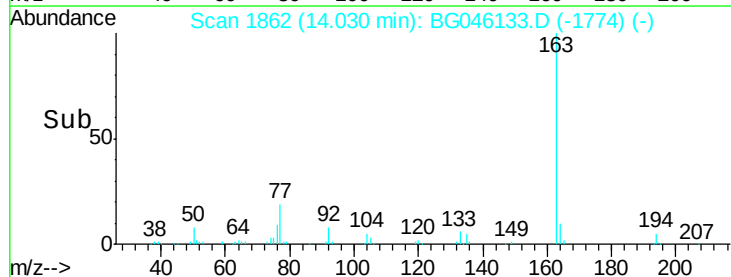
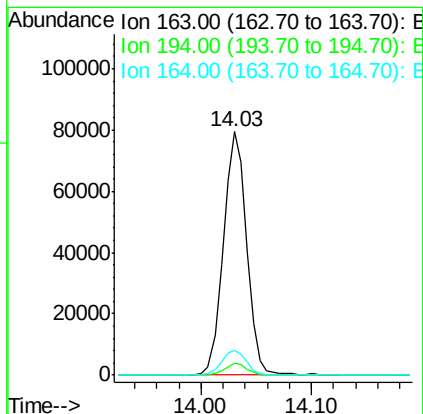
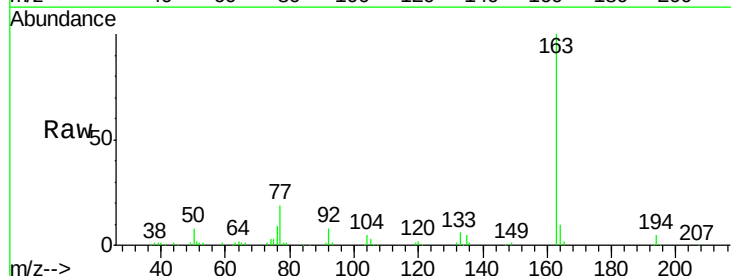
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

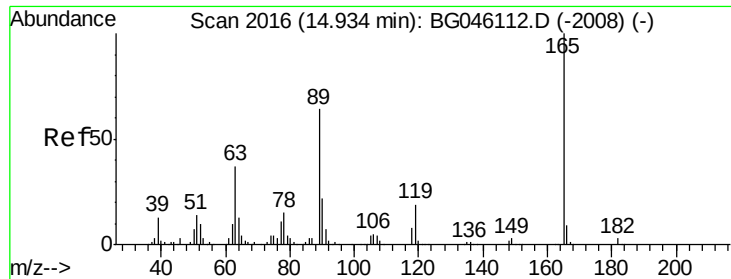
Tot Ion:172 Resp: 1040328
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.7 47.5
 170 25.2 20.9 31.3



#50
 Dimethylphthalate
 Concen: 7.340 ng
 RT: 14.03 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG046133.D
 Acq: 31 Jul 2020 20:09

Tgt Ion:163 Resp: 116735
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.5 5.3
 164 10.3 8.8 13.2

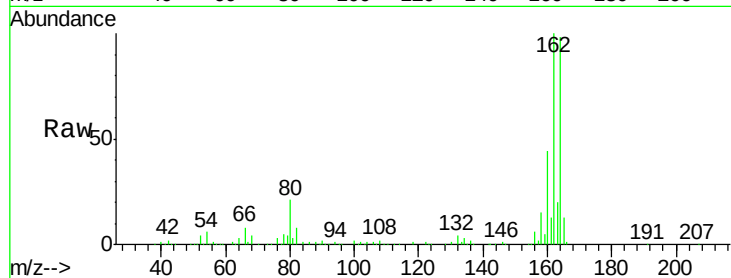




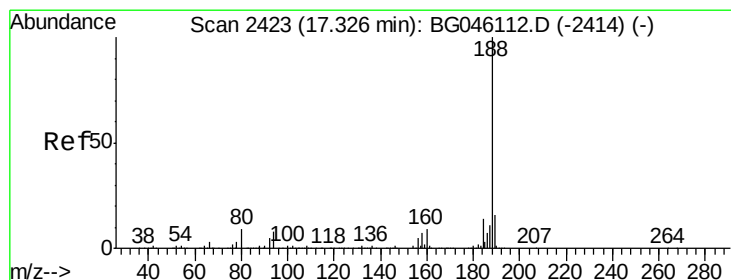
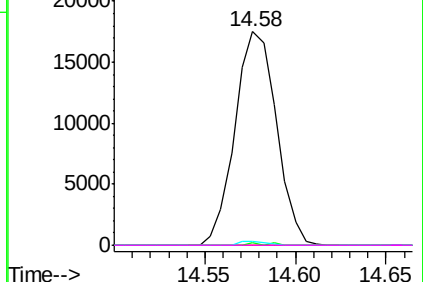
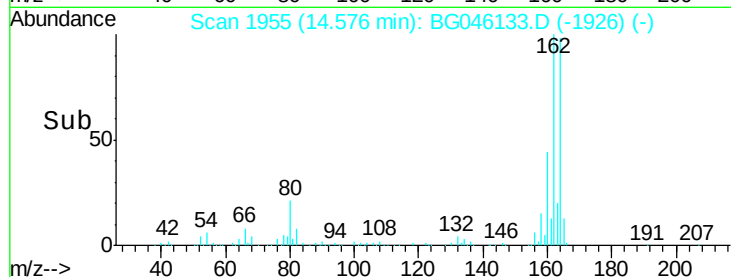
#57
 2,4-Dinitrotoluene
 Concen: 5.482 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046133.D
 Acq: 31 Jul 2020 20:09

Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tot Ion:165 Resp: 27898
 Ion Ratio Lower Upper
 165 100
 63 1.0 30.1 45.1#
 89 1.7 51.4 77.2#
 182 0.0 2.3 3.5#

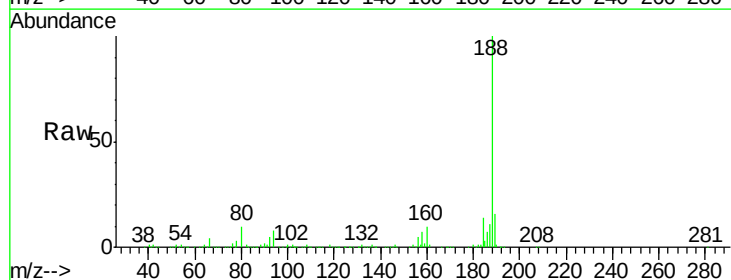


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

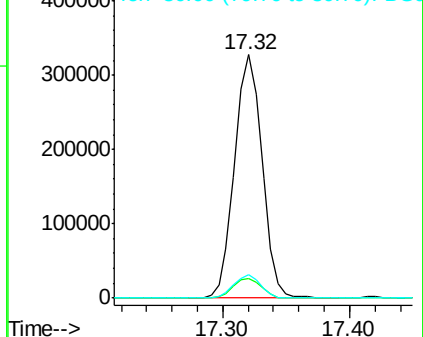
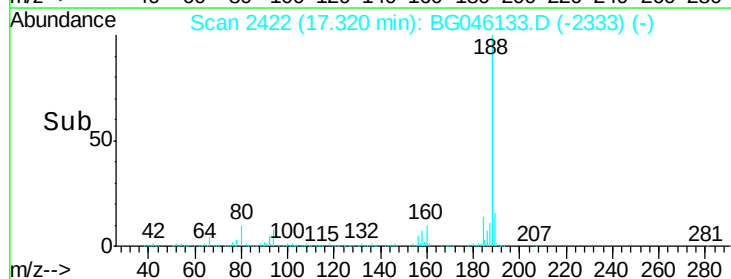


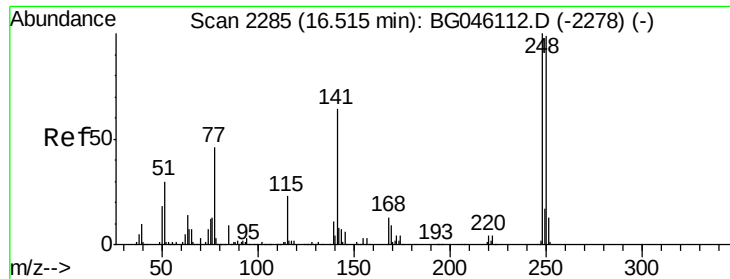
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046133.D
 Acq: 31 Jul 2020 20:09

Tgt Ion:188 Resp: 490506
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.4 9.6
 80 9.8 7.4 11.0



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

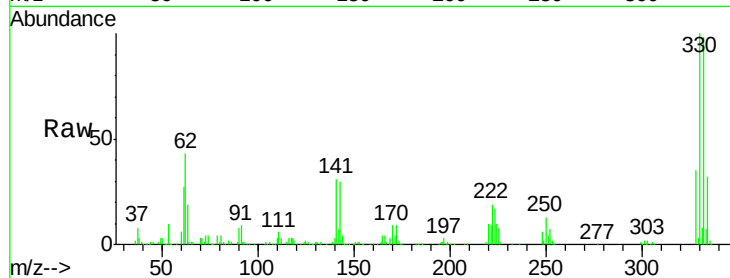




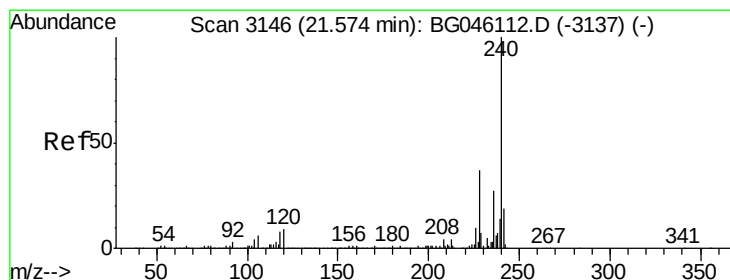
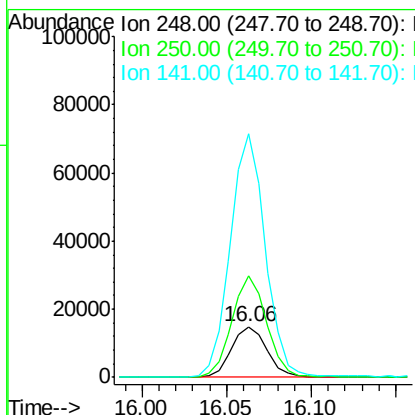
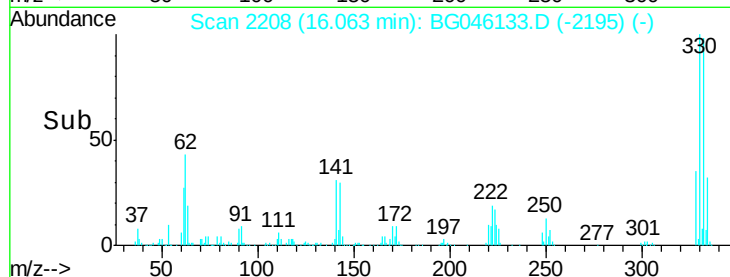
#67
4-Bromophenyl-phenylether
Concen: 3.556 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046133.D
Acq: 31 Jul 2020 20:09

Instrument :
BNA_G
ClientSampled :
TP-5

Tot Ion:248 Resp: 21551
Ion Ratio Lower Upper
248 100
250 201.7 79.4 119.0#
141 482.7 50.9 76.3#

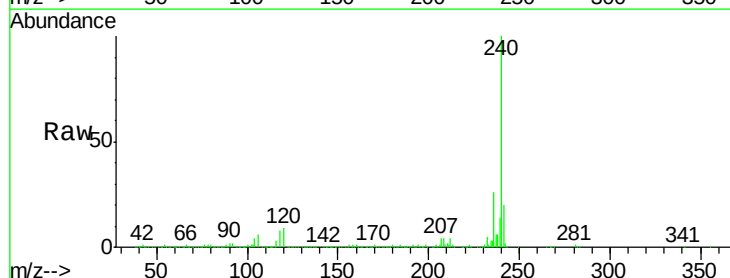


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

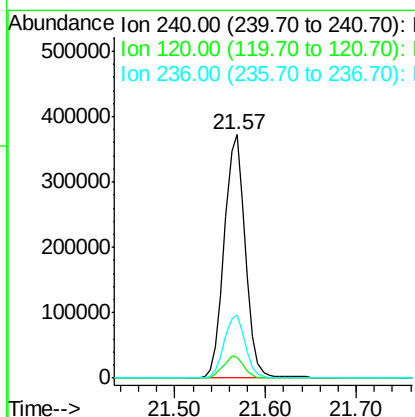
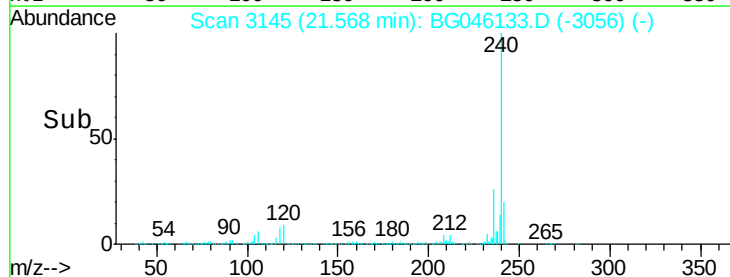


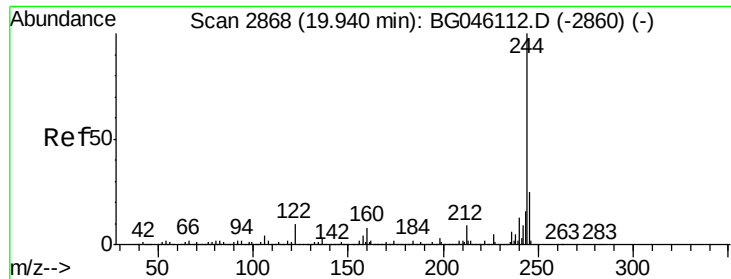
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046133.D
Acq: 31 Jul 2020 20:09

Tgt Ion:240 Resp: 600921
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.0 21.7 32.5



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: 61.209 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046133.D

Acq: 31 Jul 2020 20:09

Instrument :

BNA_G

ClientSampleId :

TP-5

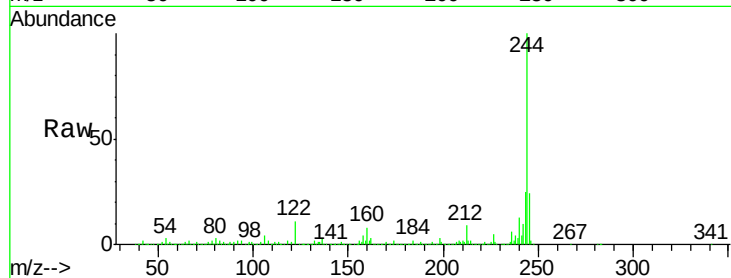
Tot Ion:244 Resp: 1806004

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

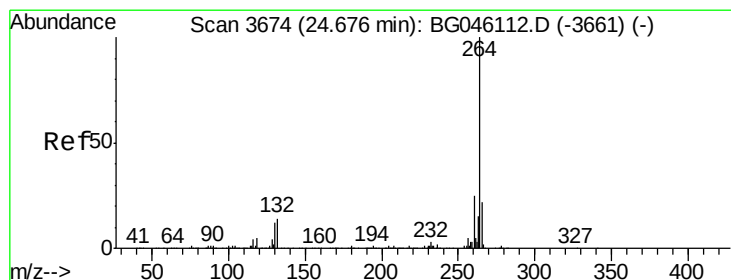
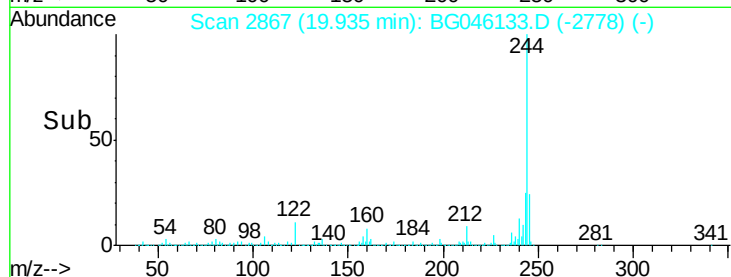
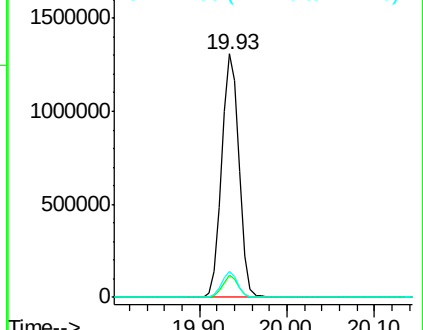
122 10.8 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG046133.D

Acq: 31 Jul 2020 20:09

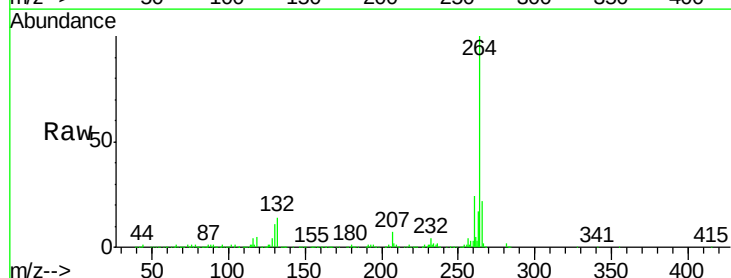
Tgt Ion:264 Resp: 611719

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.2 17.6 26.4



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

