

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046674.D
 Acq On : 18 Sep 2020 18:06
 Operator : CG/JU
 Sample : L3871-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-091720

Quant Time: Sep 18 19:01:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

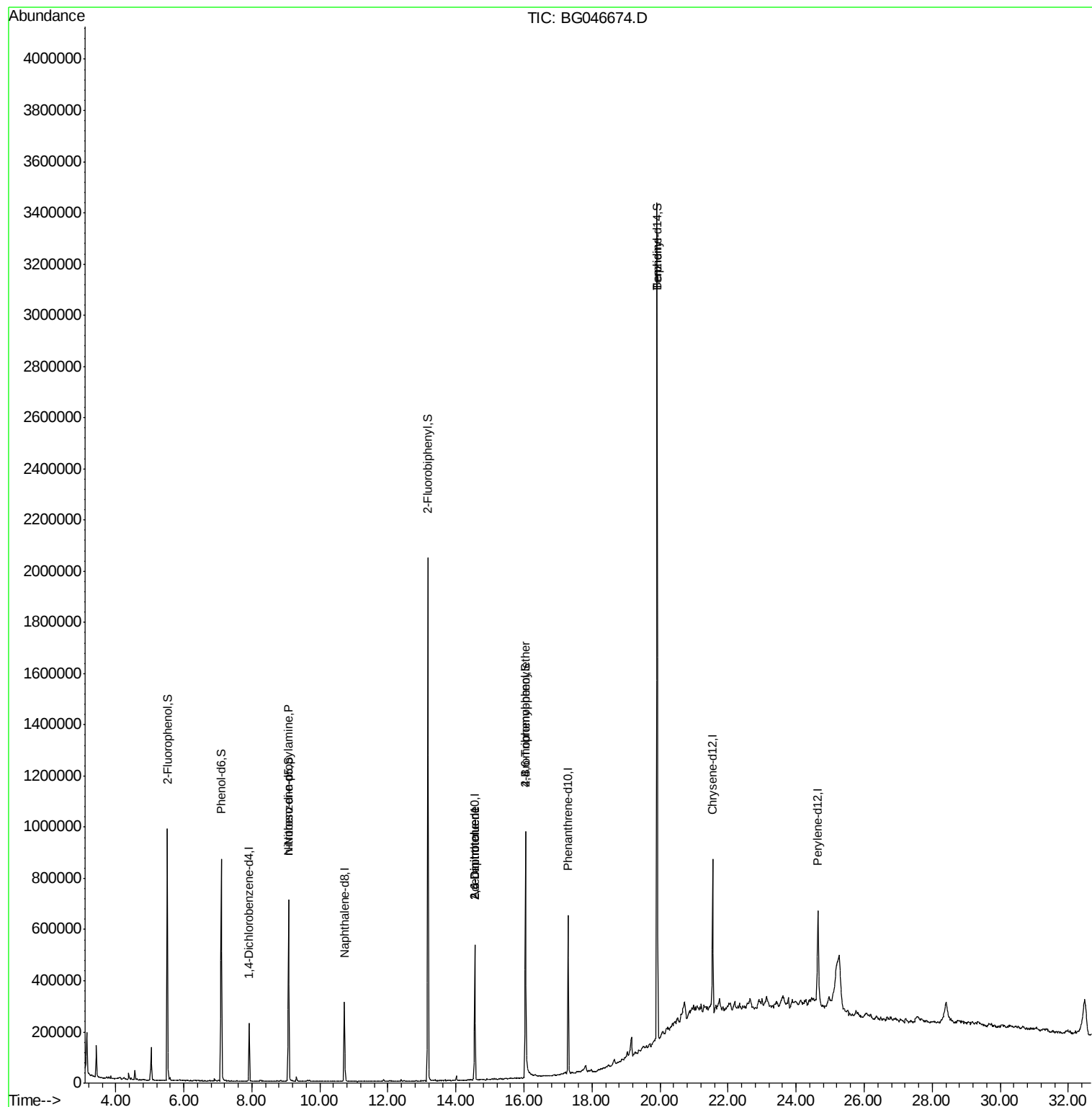
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71077	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	286723	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	199132	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	419712	20.00	ng	0.00
76) Chrysene-d12	21.54	240	383482	20.00	ng	0.00
86) Perylene-d12	24.64	264	381721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	453047	112.90	ng	0.00
7) Phenol-d6	7.10	99	545139	95.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	450484	89.80	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	237567	88.05	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1138141	87.25	ng	0.00
79) Terphenyl-d14	19.91	244	1496261	83.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	57582	16.922	ng	# 77
51) 2,6-Dinitrotoluene	14.55	165	26791	7.889	ng	# 34
57) 2,4-Dinitrotoluene	14.55	165	26791	5.533	ng	# 32
67) 4-Bromophenyl-phenylether	16.04	248	17998	3.676	ng	# 1
77) Benzidine	19.91	184	23801	2.671	ng	# 88

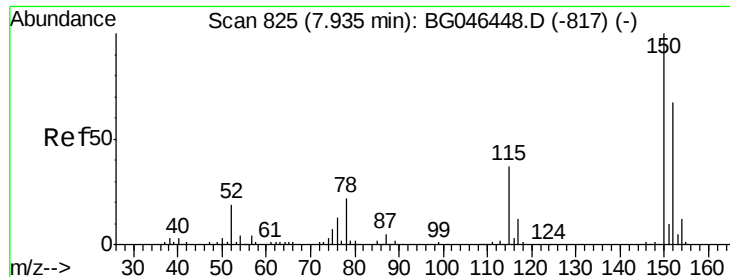
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
Data File : BG046674.D
Acq On : 18 Sep 2020 18:06
Operator : CG/JU
Sample : L3871-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Quant Time: Sep 18 19:01:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration



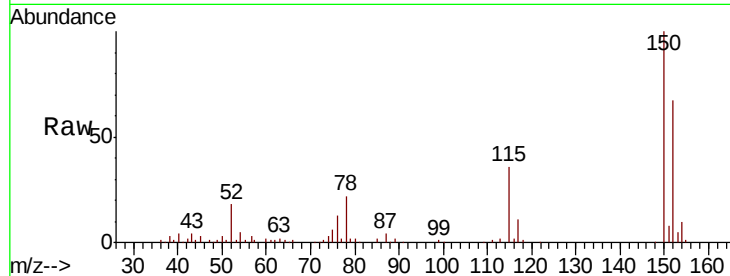


#1

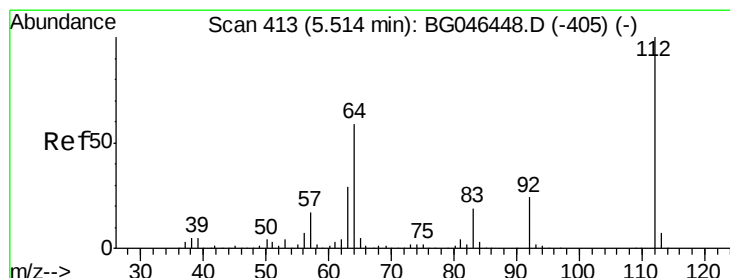
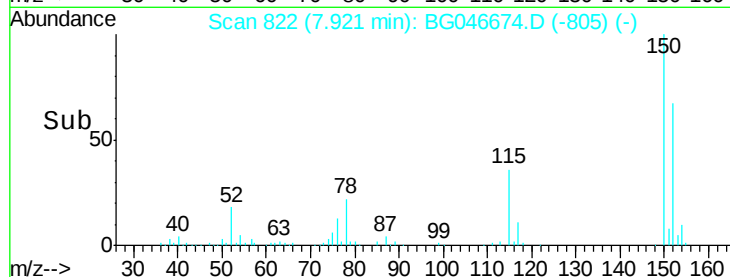
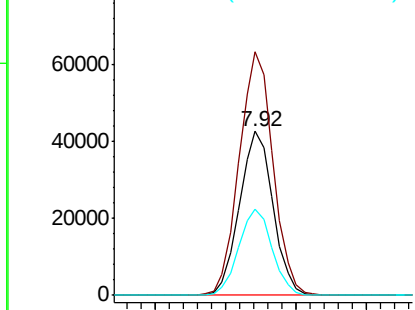
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Tot Ion:152 Resp: 71077
Ion Ratio Lower Upper
152 100
150 148.3 125.0 187.6
115 52.8 41.8 62.6



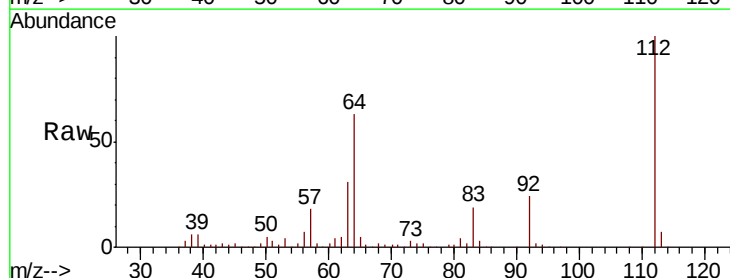
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



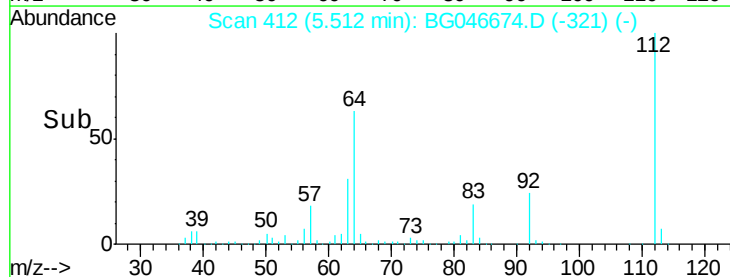
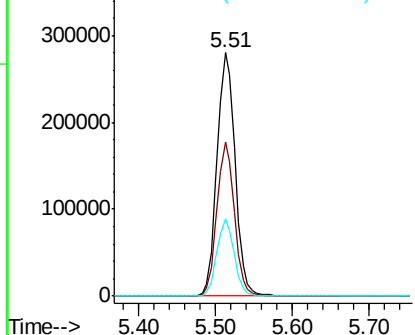
#5

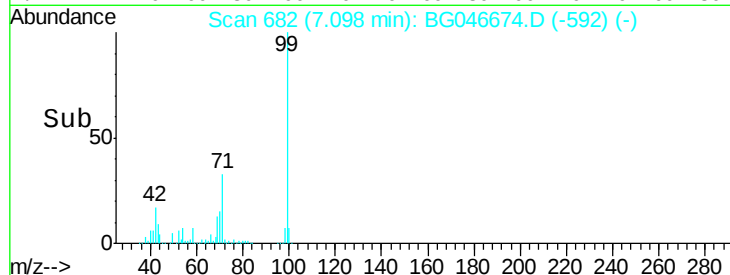
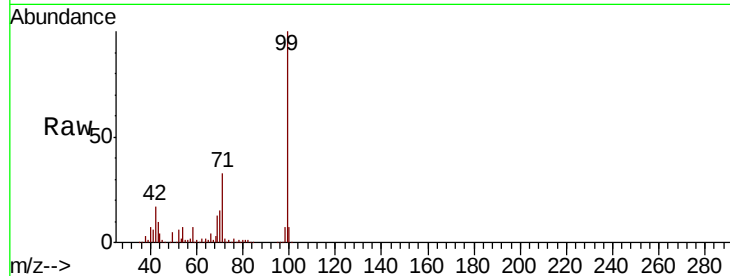
2-Fluorophenol
Concen: 112.896 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Tgt Ion:112 Resp: 453047
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 31.5 22.8 34.2



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: 95.827 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TR-05-091720

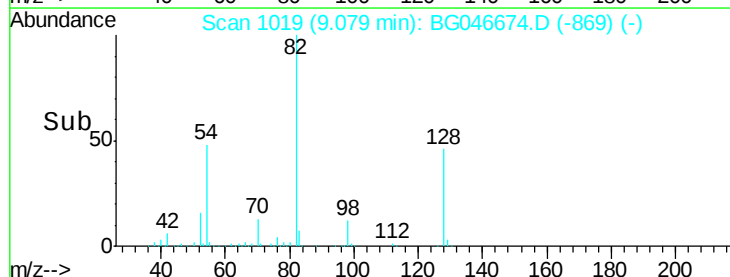
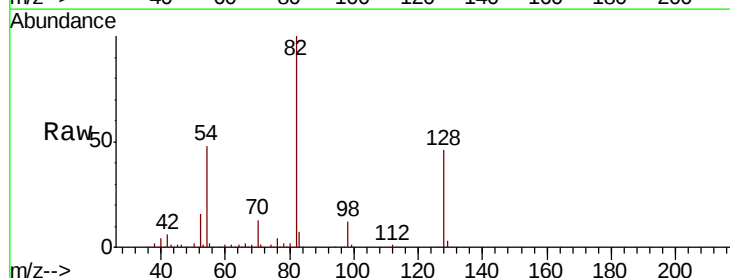
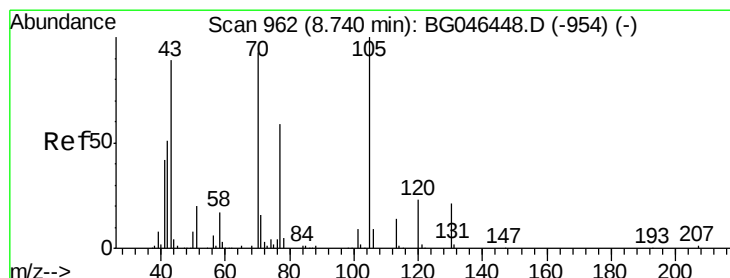
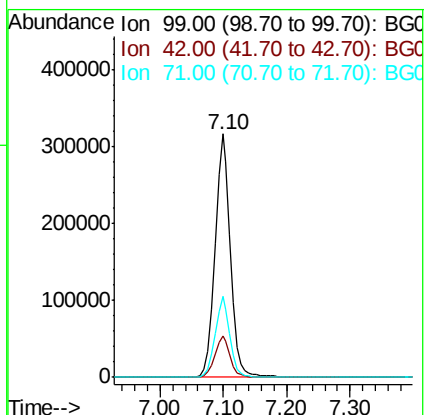
Tot Ion: 99 Resp: 545139

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

71 33.0 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.922 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Tgt Ion: 70 Resp: 57582

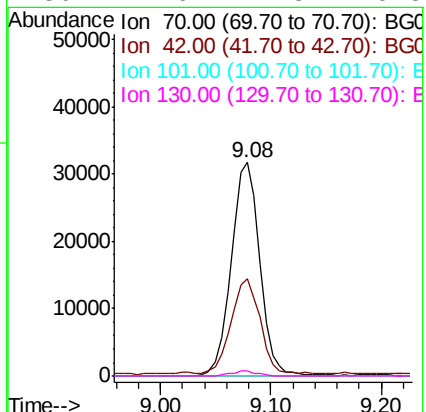
Ion Ratio Lower Upper

70 100

42 45.4 45.6 68.4#

101 0.0 8.4 12.6#

130 2.6 17.8 26.8#

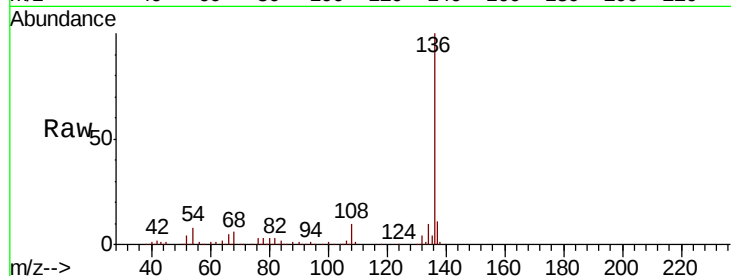




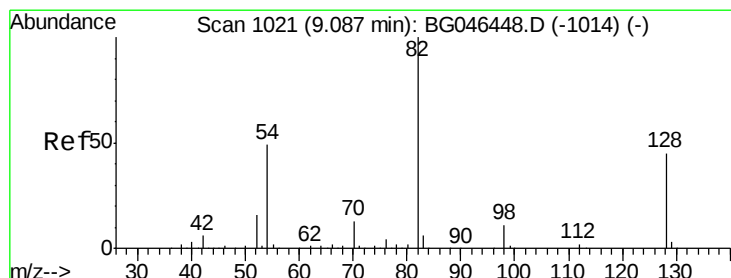
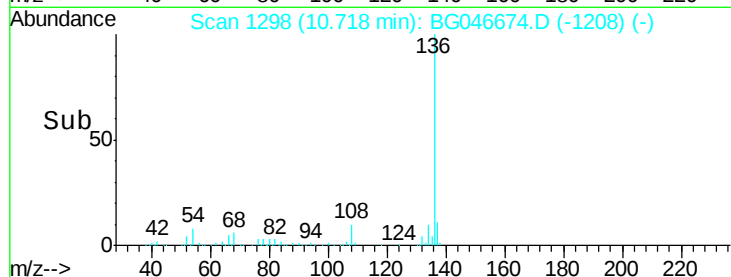
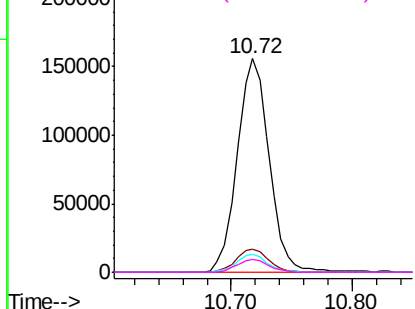
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Tot Ion:136	Resp:	286723	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.1	13.7	
54 8.4	6.2	9.4	
68 5.9	5.0	7.4	

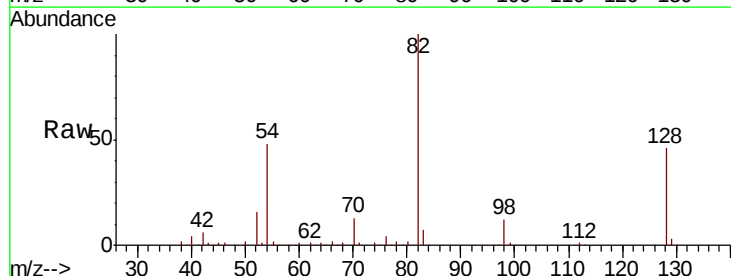


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

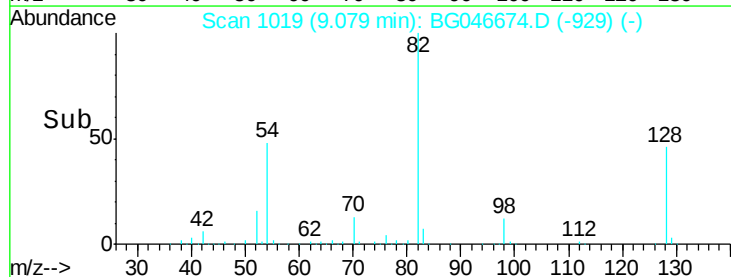
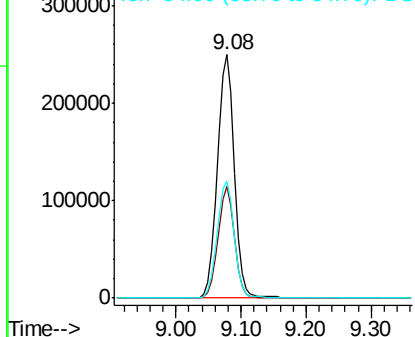


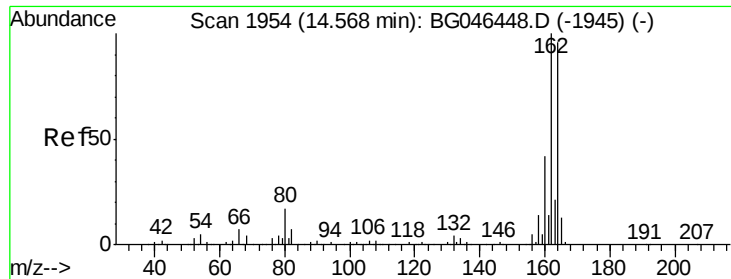
#23
Nitrobenzene-d5
Concen: 89.799 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Tgt Ion: 82	Resp: 450484
Ion Ratio	Lower Upper
82 100	
128 45.7	37.0 55.6
54 48.2	39.0 58.4



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: 14.55 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TR-05-091720

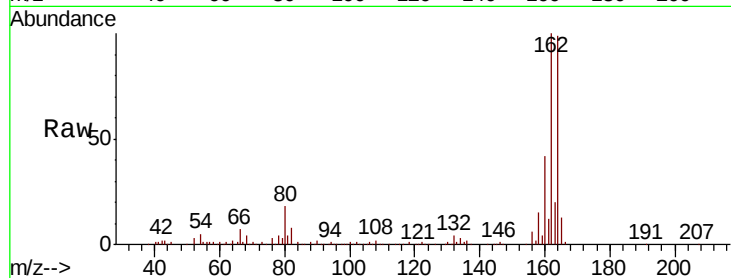
Tot Ion:164 Resp: 199132

Ion Ratio Lower Upper

164 100

162 100.6 82.3 123.5

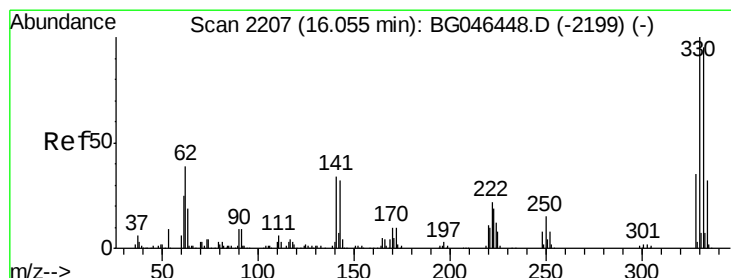
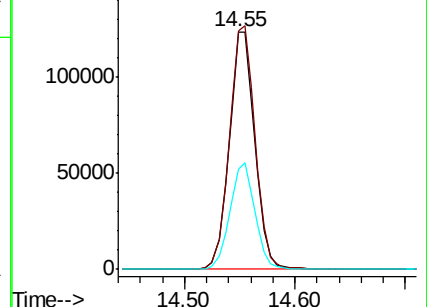
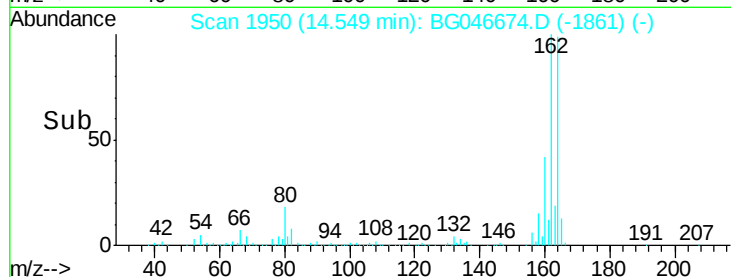
160 42.0 35.3 52.9



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: 88.050 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

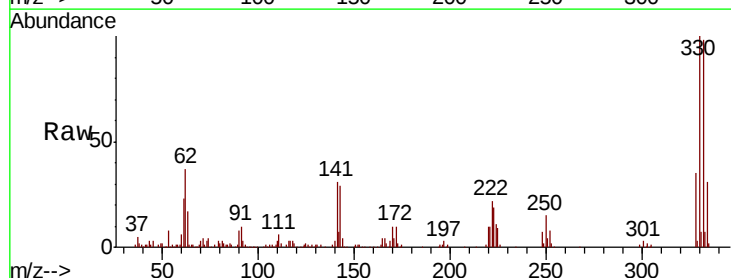
Tgt Ion:330 Resp: 237567

Ion Ratio Lower Upper

330 100

332 99.6 76.5 114.7

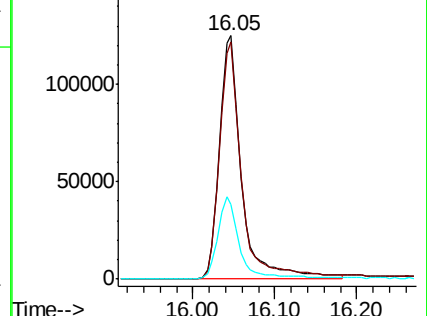
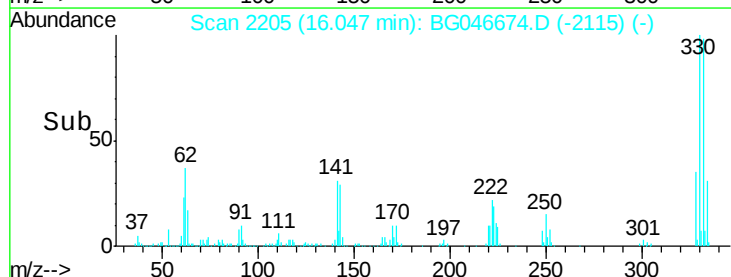
141 34.2 26.0 39.0

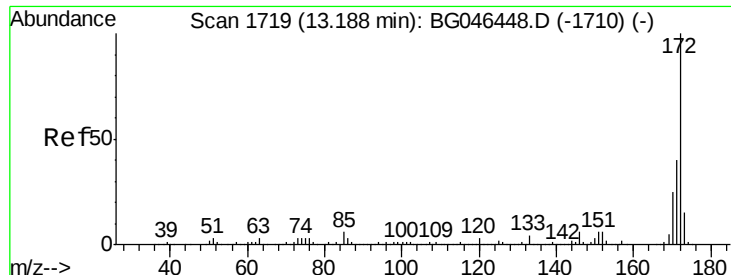


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

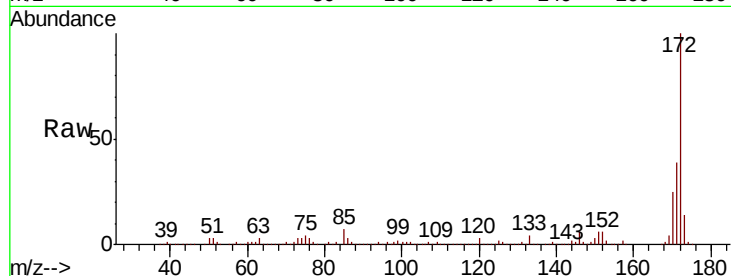




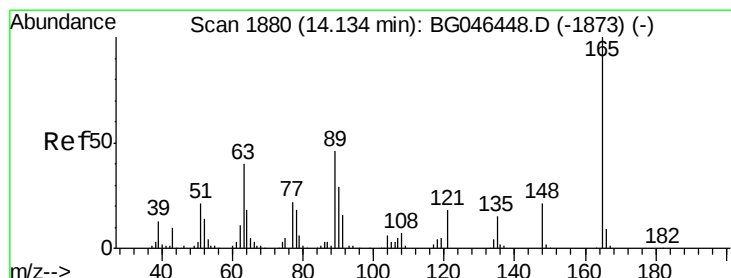
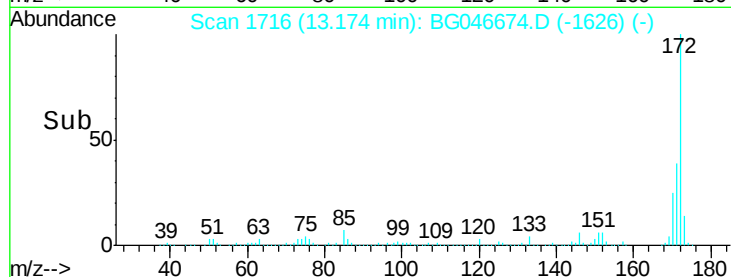
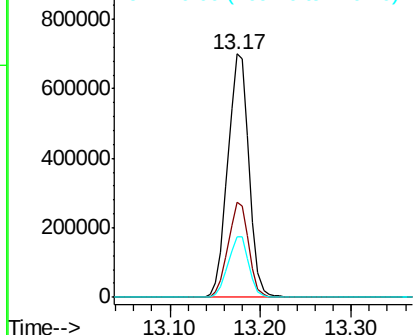
#45
2-Fluorobiphenyl
Concen: 87.251 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Tot Ion:172 Resp: 1138141
Ion Ratio Lower Upper
172 100
171 39.0 31.3 46.9
170 25.1 20.8 31.2

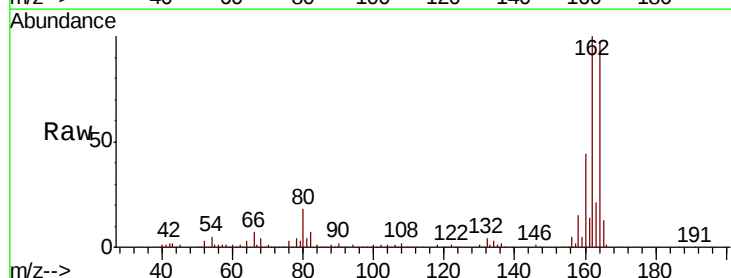


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

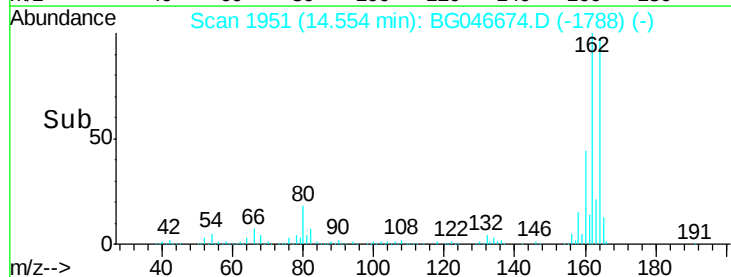
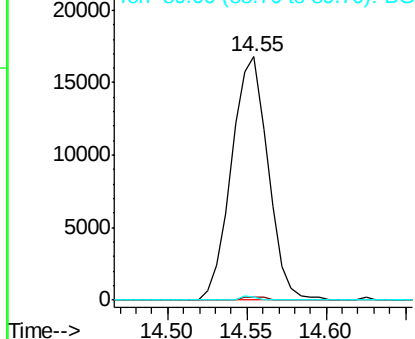


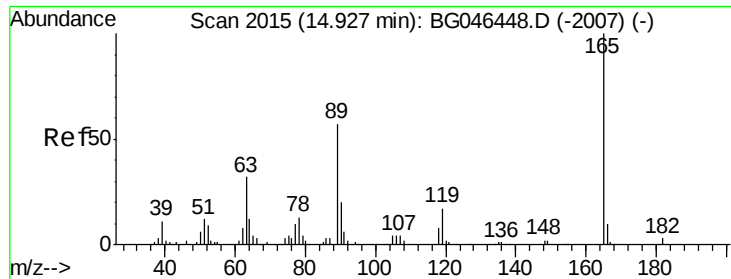
#51
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Tgt Ion:165 Resp: 26791
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.2 36.6 54.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0

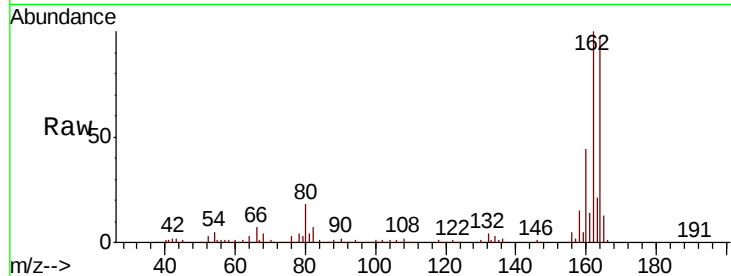




#57
 2,4-Dinitrotoluene
 Concen: 5.533 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG046674.D
 Acq: 18 Sep 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-091720

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	26.4	39.6#
89	1.2	47.8	71.8#
182	0.0	2.6	4.0#



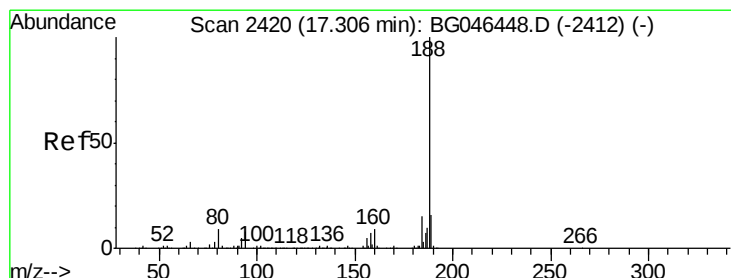
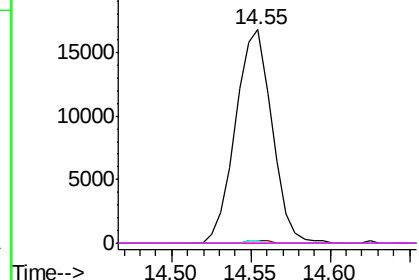
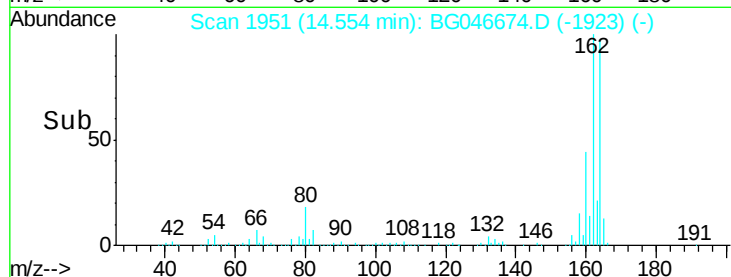
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

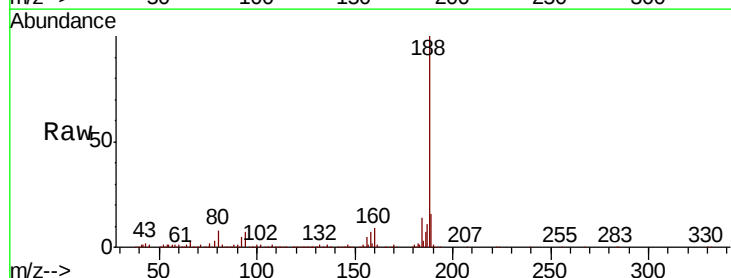
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG046674.D
 Acq: 18 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.3	9.5
80	8.4	7.0	10.6

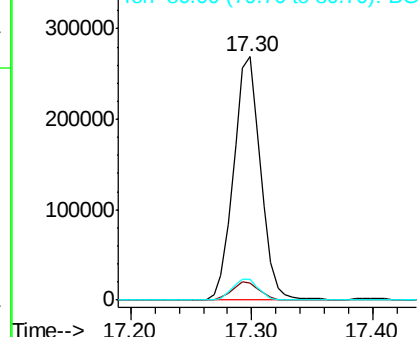
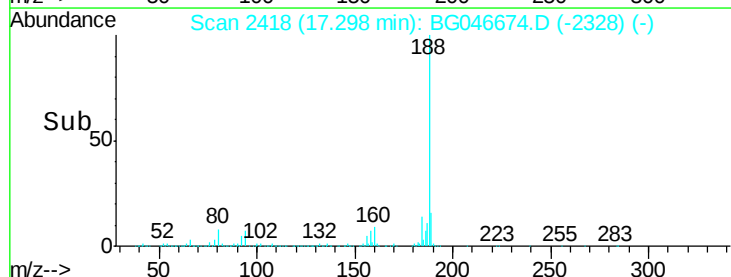


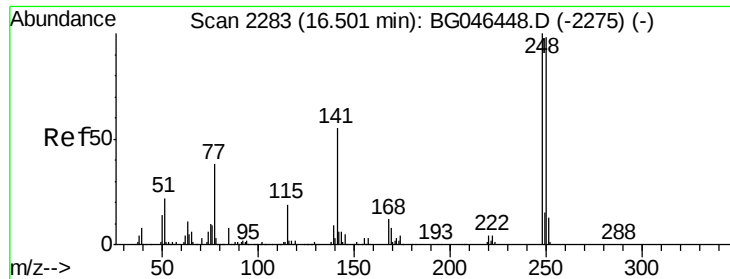
Abundance

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

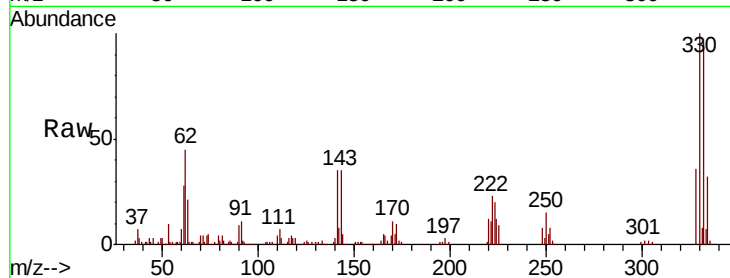




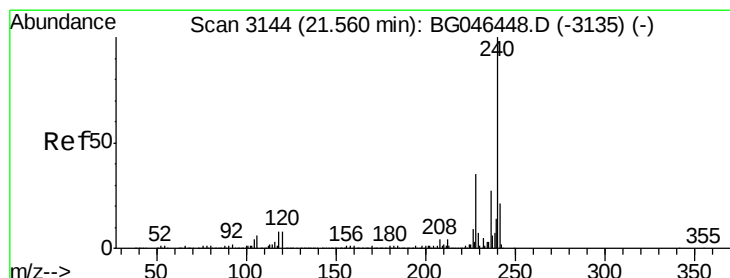
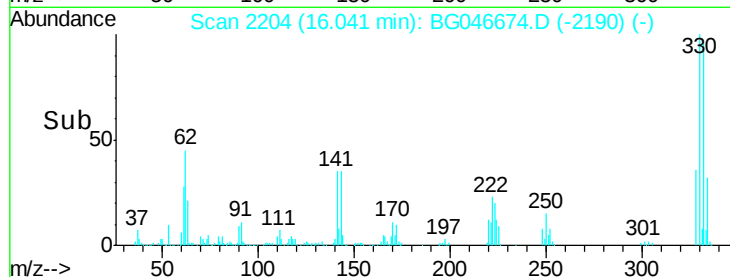
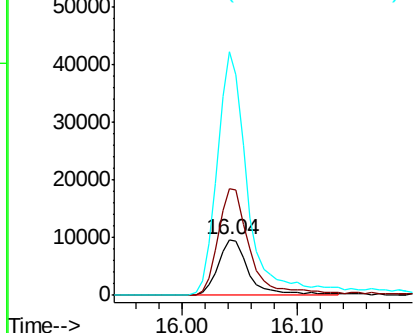
#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.44 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Tot Ion:248 Resp: 17998
Ion Ratio Lower Upper
248 100
250 191.1 78.9 118.3#
141 437.8 46.2 69.4#

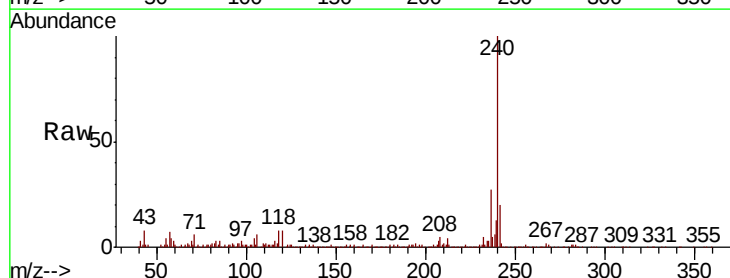


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

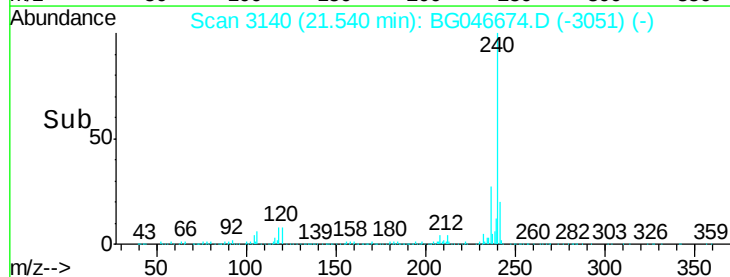
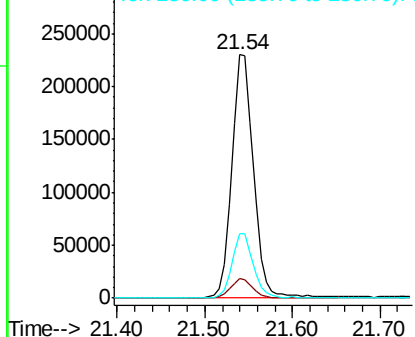


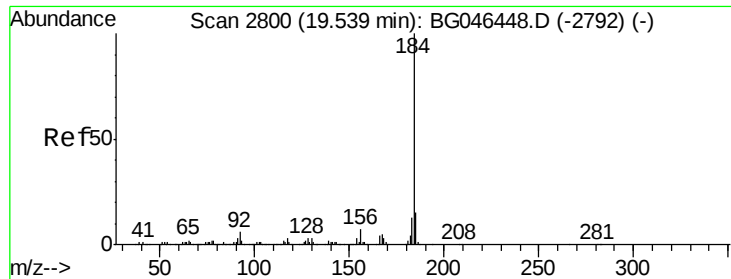
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Tgt Ion:240 Resp: 383482
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 26.6 20.5 30.7



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: 2.671 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TR-05-091720

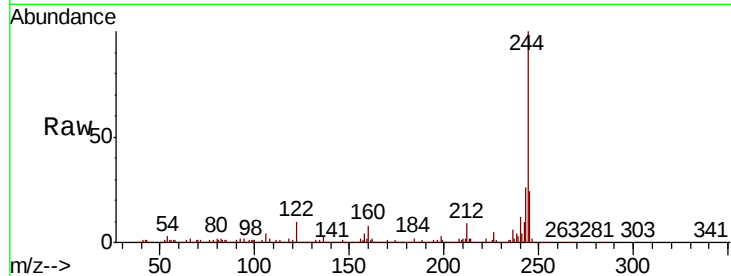
Tot Ion:184 Resp: 23801

Ion Ratio Lower Upper

184 100

185 22.4 12.4 18.6#

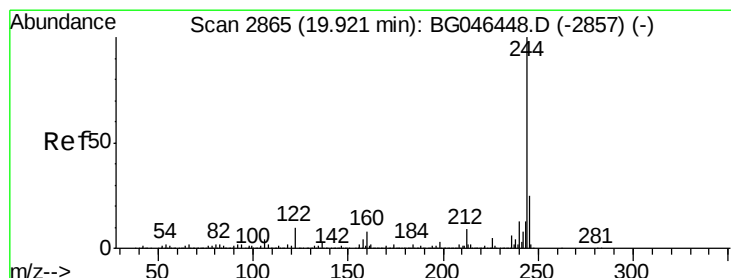
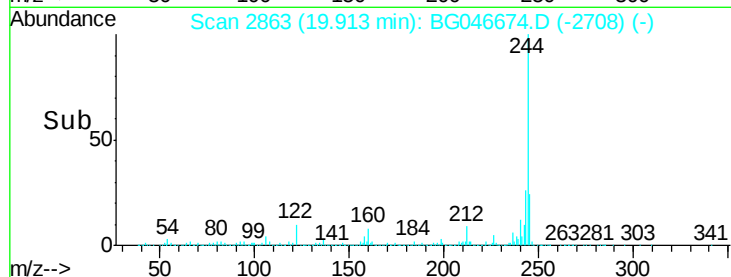
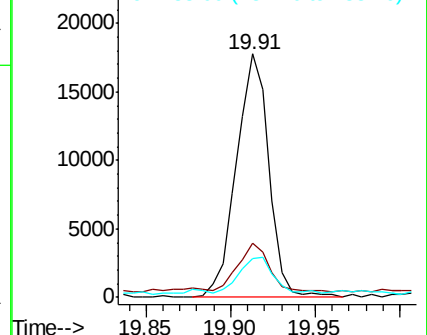
183 16.0 10.6 15.8#



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: 83.037 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

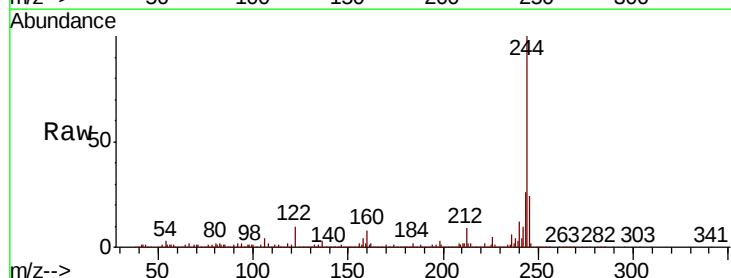
Tgt Ion:244 Resp: 1496261

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

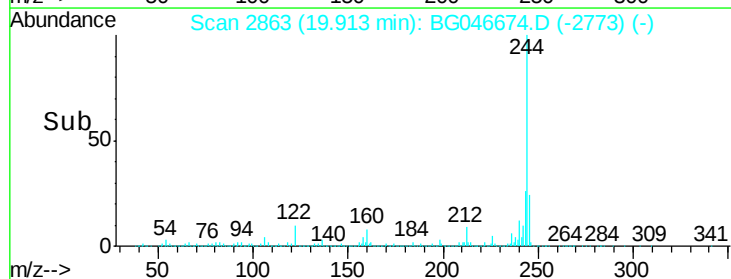
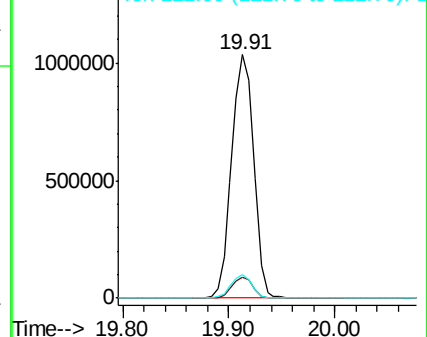
122 9.8 7.8 11.6

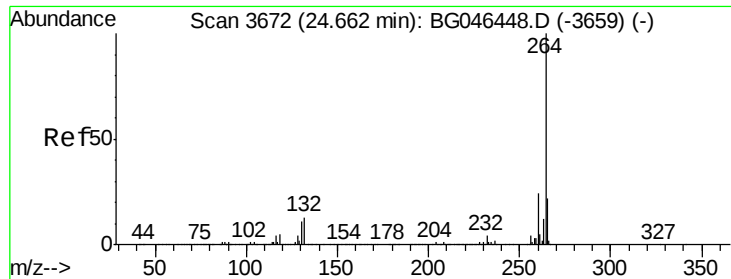


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

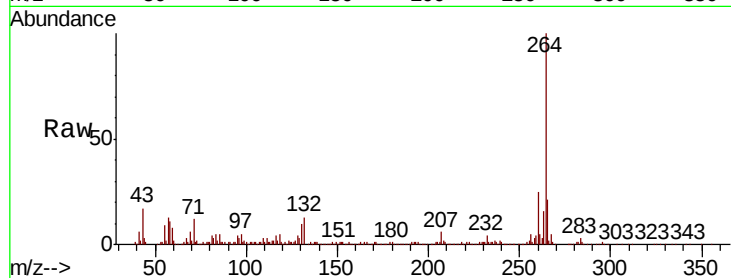




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: BG046674.D
 Acq: 18 Sep 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-091720

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	21.4	17.8	26.8



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

