

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046613.D
 Acq On : 14 Sep 2020 21:32
 Operator : CG/JU
 Sample : L3863-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Quant Time: Sep 15 01:27:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65297	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	257736	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	179672	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	454332	20.00	ng	0.00
76) Chrysene-d12	21.55	240	493747	20.00	ng	0.00
86) Perylene-d12	24.65	264	480846	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	698344	189.43	ng	0.00
7) Phenol-d6	7.10	99	830828	158.97	ng	0.00
23) Nitrobenzene-d5	9.08	82	687253	152.40	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	506464	208.04	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1660833	141.11	ng	0.00
79) Terphenyl-d14	19.92	244	2660011	114.65	ng	0.00

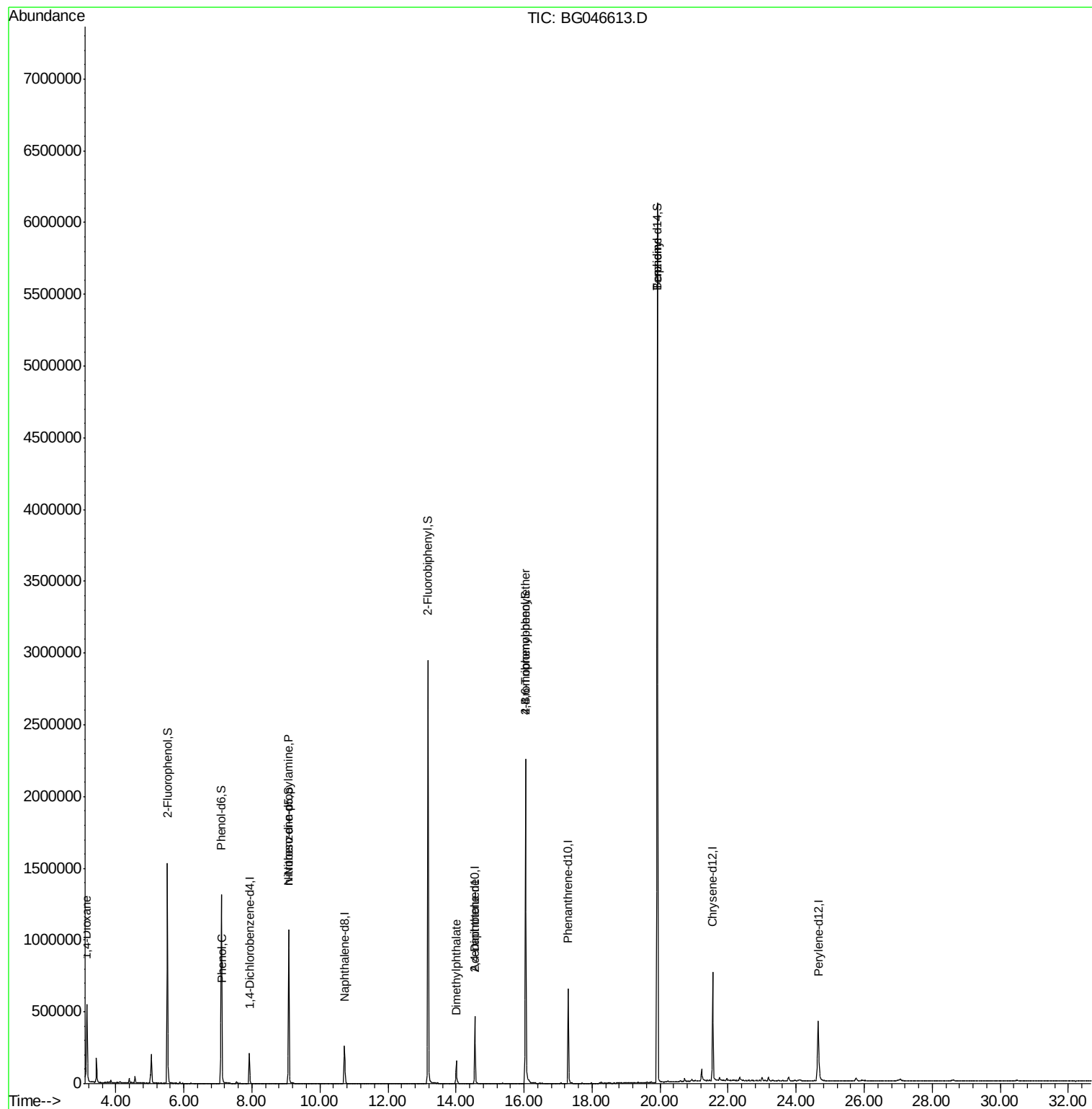
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	6806	4.437	ng	# 1
10) Phenol	7.13	94	15880	3.299	ng	# 68
19) n-Nitroso-di-n-propylamine	9.08	70	87811	28.090	ng	# 75
50) Dimethylphthalate	14.01	163	137568	9.897	ng	# 98
57) 2,4-Dinitrotoluene	14.55	165	23702	5.425	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	38898	7.338	ng	# 1
77) Benzidine	19.92	184	48410	4.219	ng	# 95

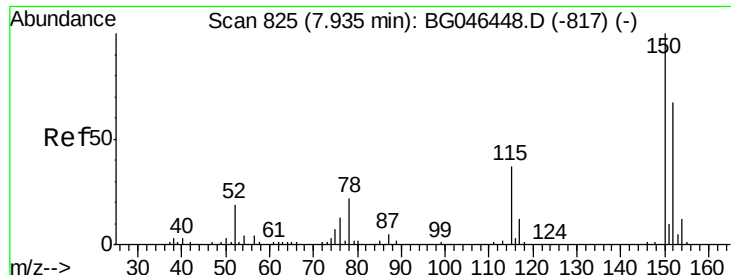
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046613.D
Acq On : 14 Sep 2020 21:32
Operator : CG/JU
Sample : L3863-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Quant Time: Sep 15 01:27:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



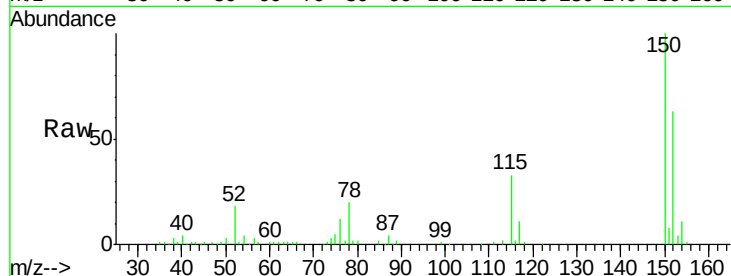


#1

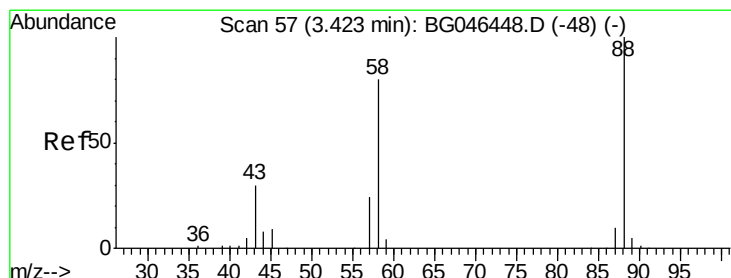
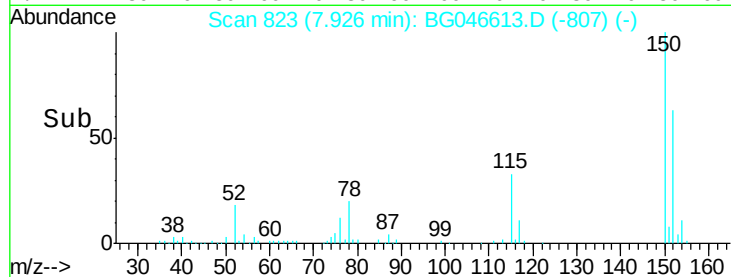
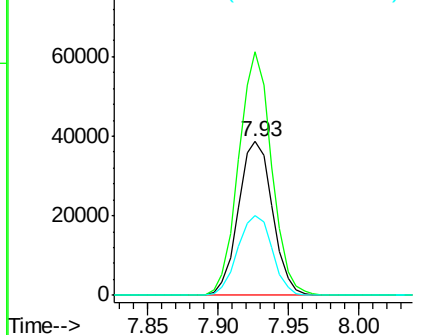
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	52.2	44.3	66.5



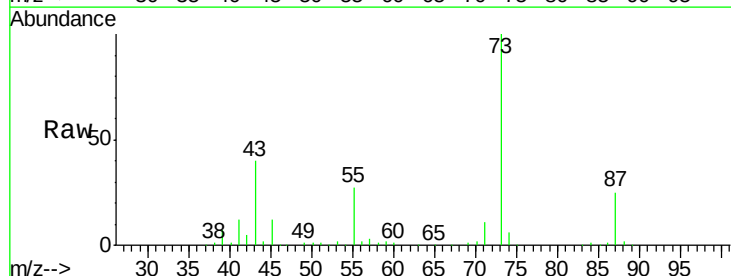
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



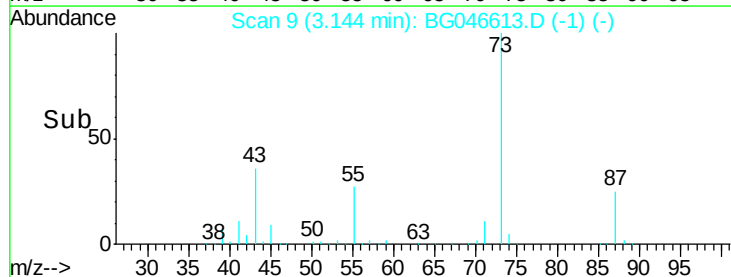
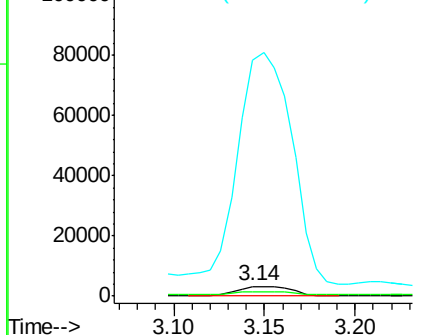
#2

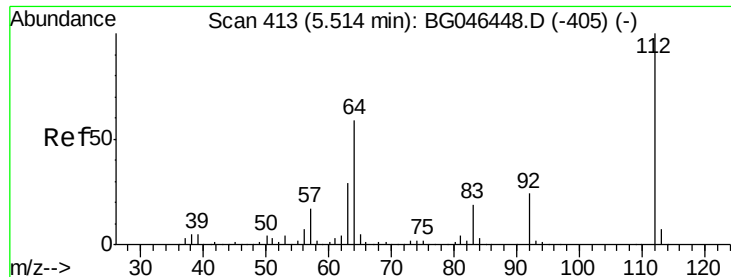
1,4-Dioxane
 Concen: 4.437 ng
 RT: 3.14 min Scan# 9
 Delta R.T. -0.28 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	37.0	61.4	92.2#
43	2350.4	21.6	32.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 189.426 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

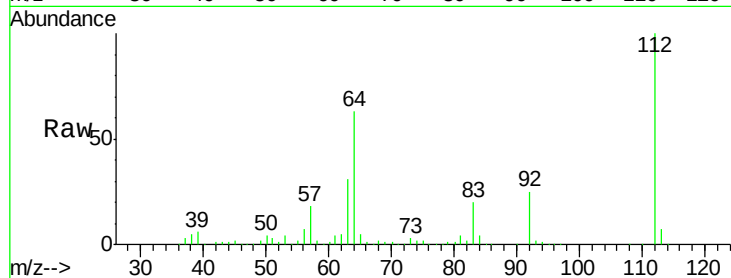
Tot Ion:112 Resp: 698344

Ion Ratio Lower Upper

112 100

64 62.7 47.0 70.6

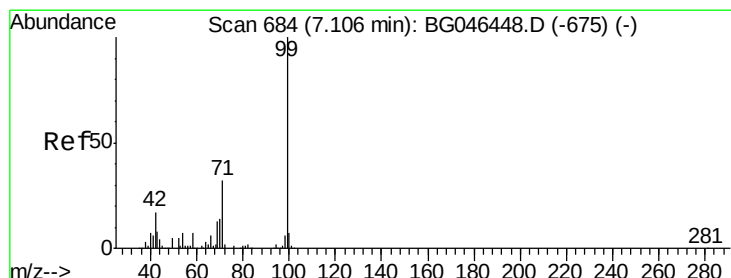
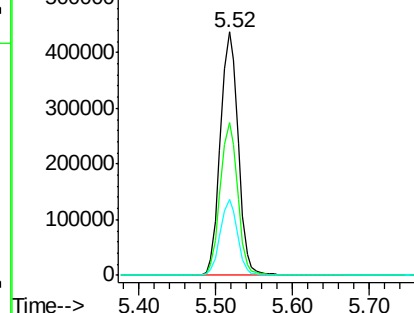
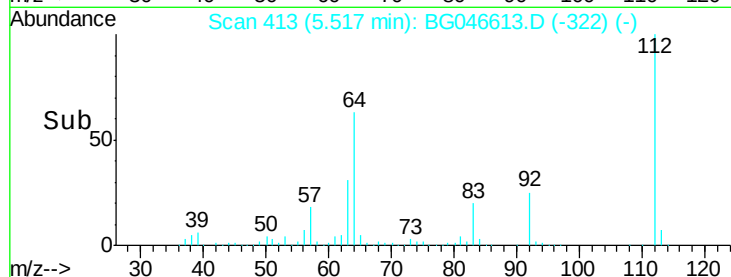
63 31.0 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 158.974 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

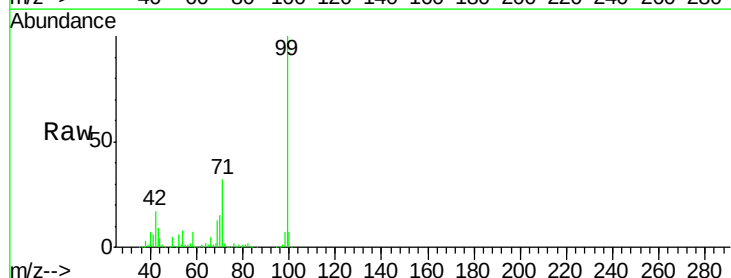
Tgt Ion: 99 Resp: 830828

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

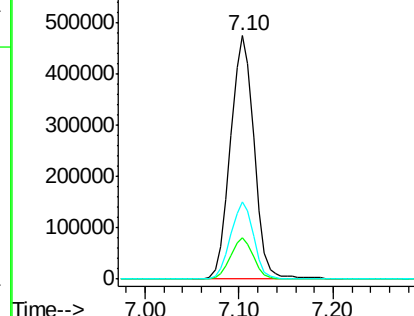
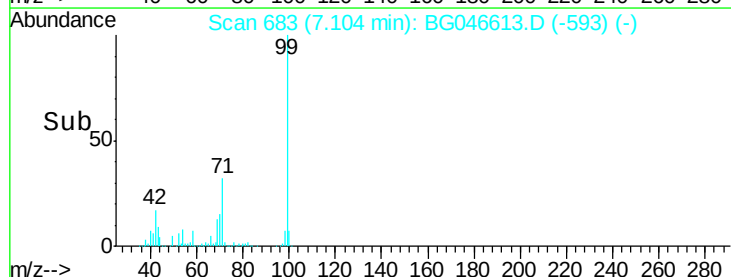
71 31.7 25.3 37.9

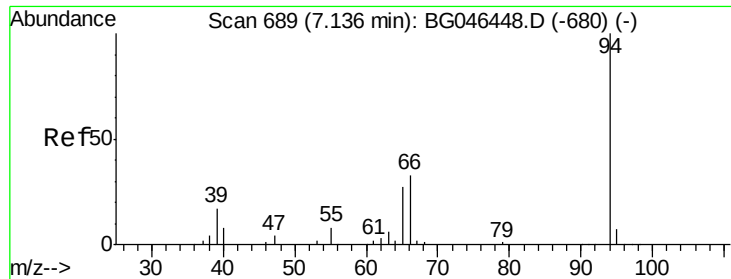


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 3.299 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

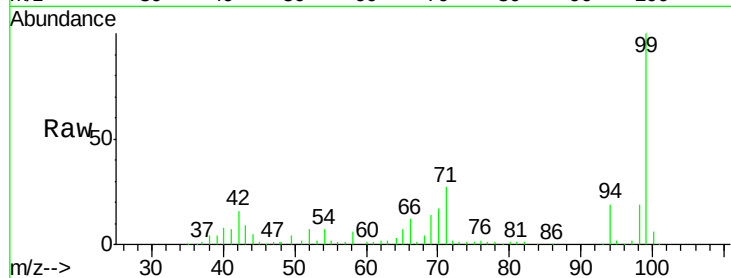
Tot Ion: 94 Resp: 15880

Ion Ratio Lower Upper

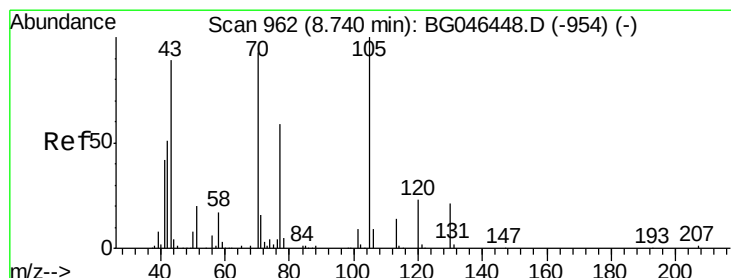
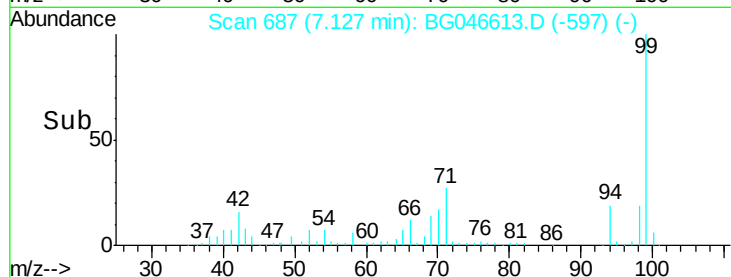
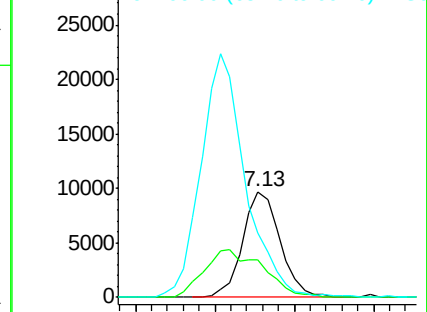
94 100

65 35.2 7.5 47.5

66 60.6 14.1 54.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 28.090 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Tgt Ion: 70 Resp: 87811

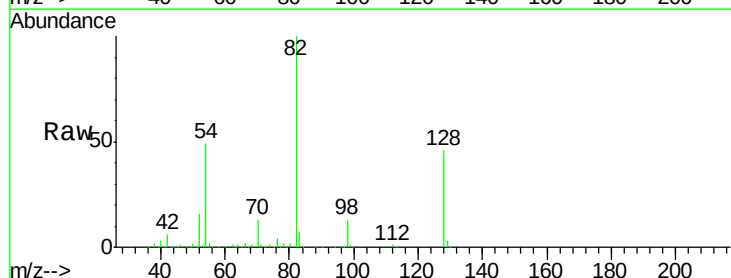
Ion Ratio Lower Upper

70 100

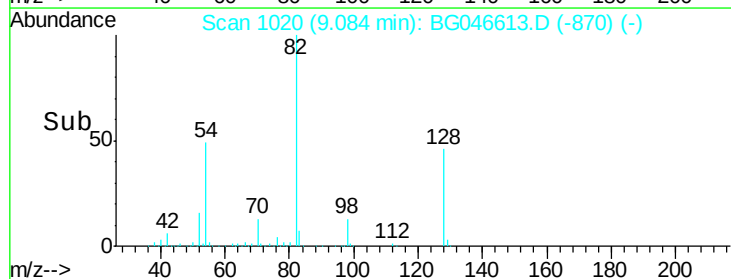
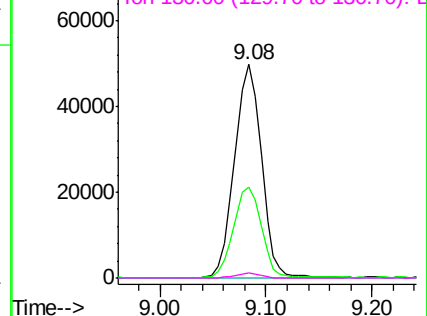
42 42.4 44.2 66.2#

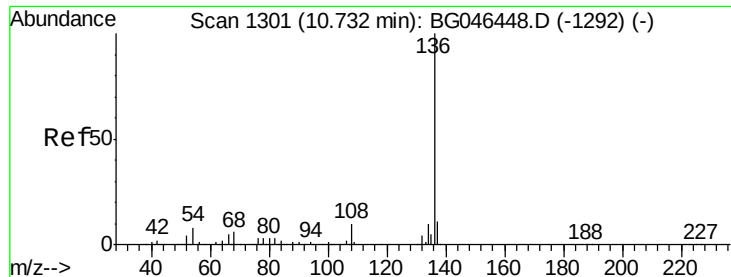
101 0.0 7.8 11.8#

130 2.6 18.2 27.4#



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

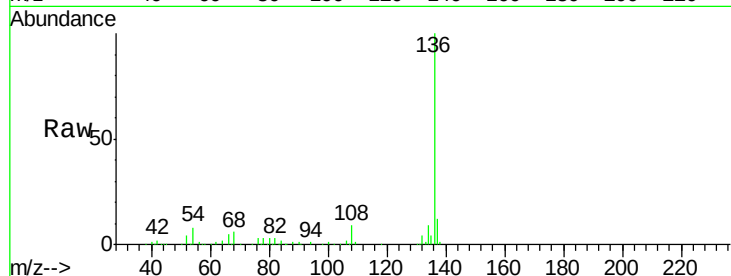




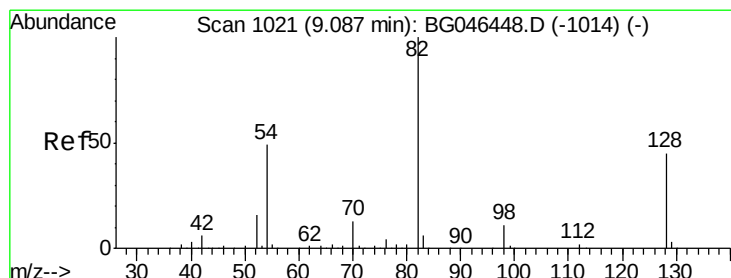
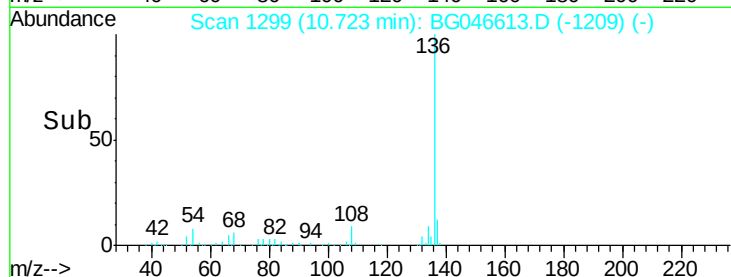
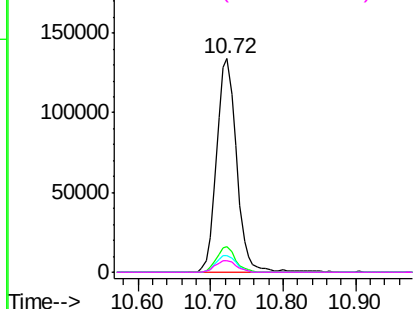
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tot Ion:136	Resp:	257736
Ion Ratio	Lower	Upper
136 100		
137 11.8	8.8	13.2
54 7.8	6.1	9.1
68 5.6	4.8	7.2

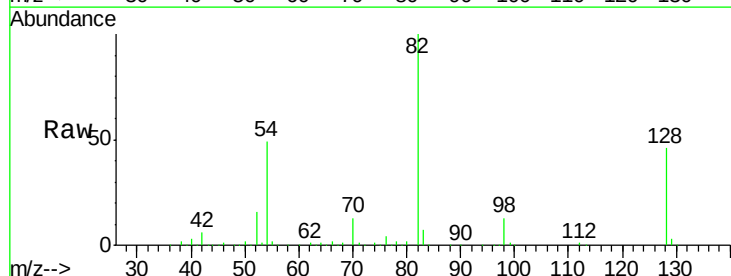


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

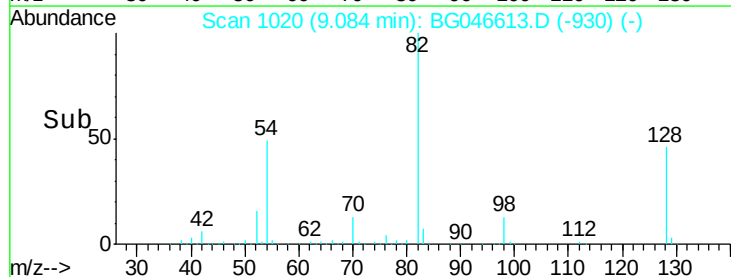
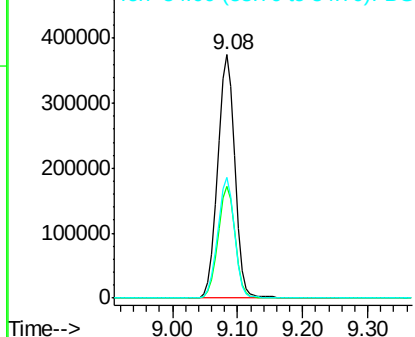


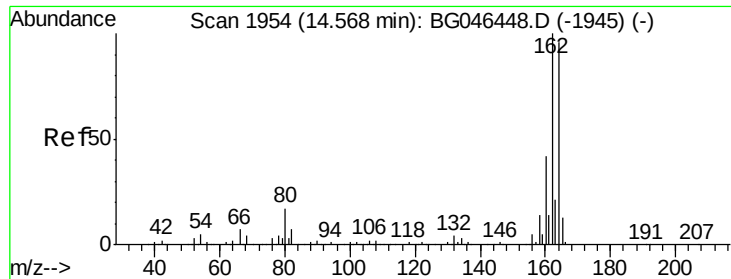
#23
Nitrobenzene-d5
Concen: 152.404 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion: 82	Resp: 687253
Ion Ratio	Lower Upper
82 100	
128 45.7	35.7 53.5
54 49.5	39.4 59.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

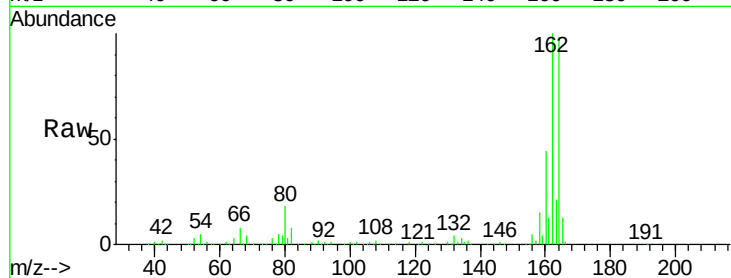
Tot Ion:164 Resp: 179672

Ion Ratio Lower Upper

164 100

162 102.0 83.3 124.9

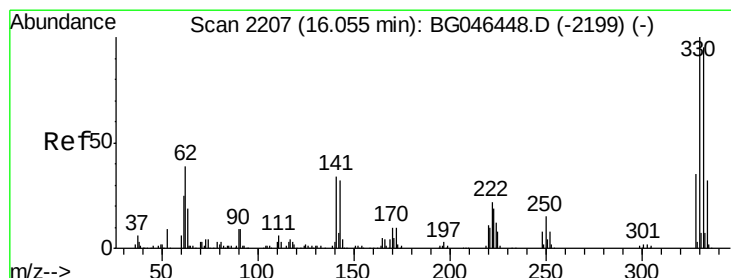
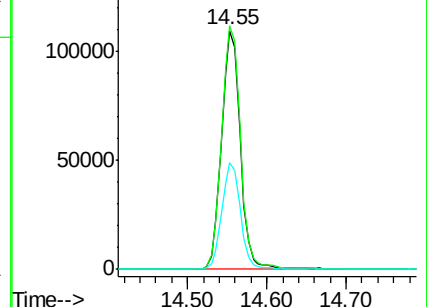
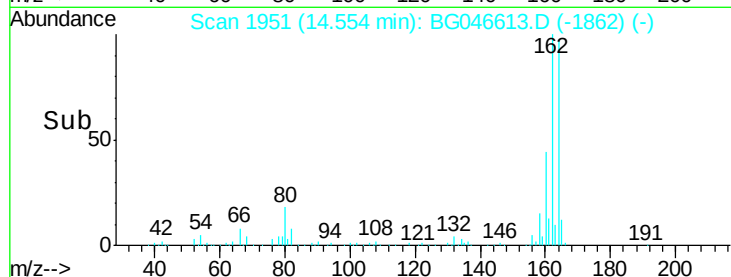
160 44.7 35.0 52.6



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: 208.042 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

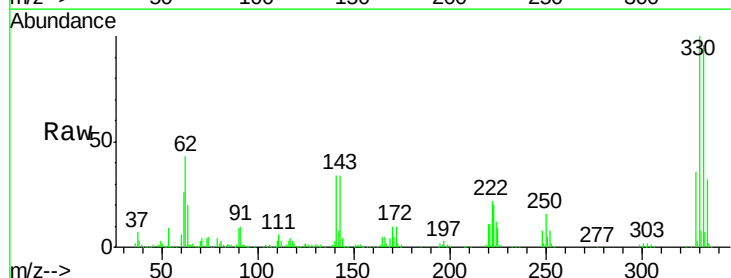
Tgt Ion:330 Resp: 506464

Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

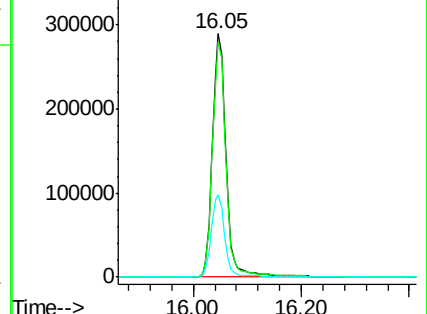
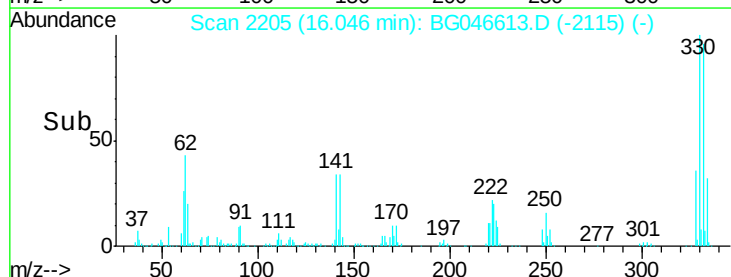
141 33.7 26.1 39.1

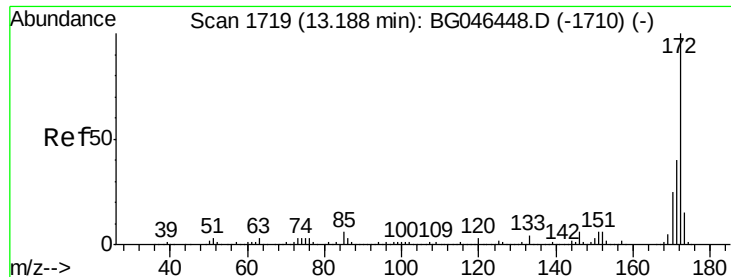


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

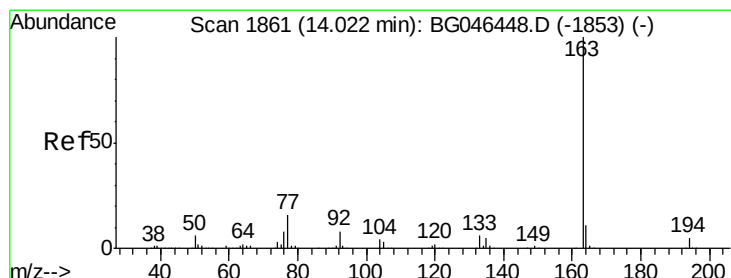
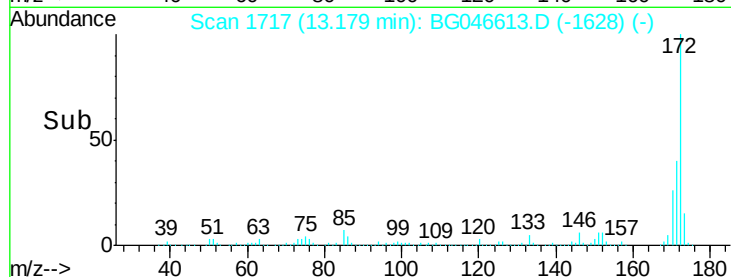
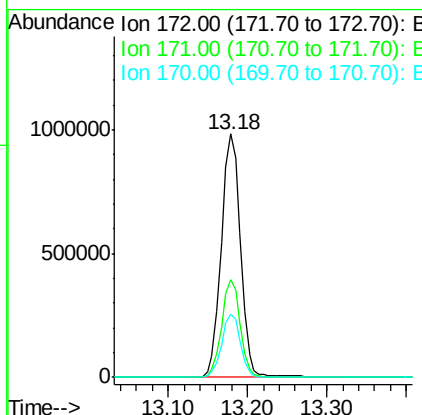
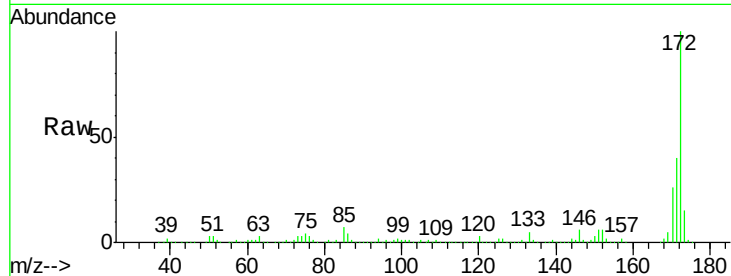




#45
2-Fluorobiphenyl
Concen: 141.111 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

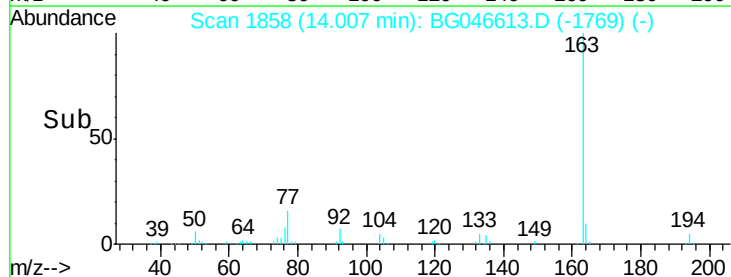
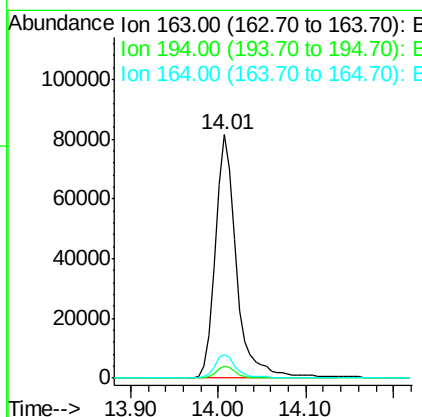
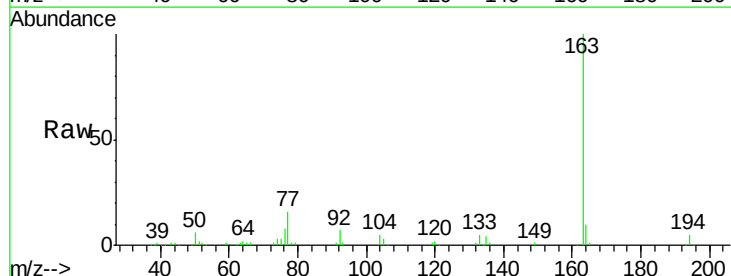
Instrument :
BNA_G
ClientSampleId :
HD-02-091120

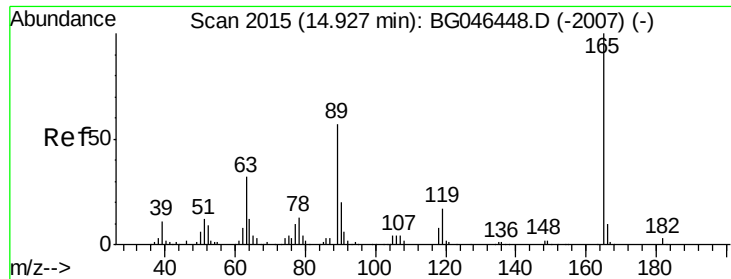
Tot Ion:172 Resp: 1660833
Ion Ratio Lower Upper
172 100
171 40.0 31.8 47.6
170 26.1 20.3 30.5



#50
Dimethylphthalate
Concen: 9.897 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:163 Resp: 137568
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 9.7 8.6 12.8

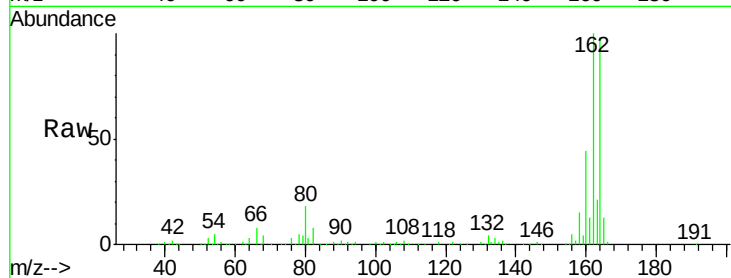




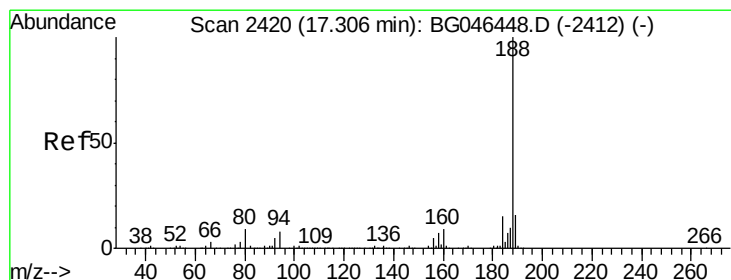
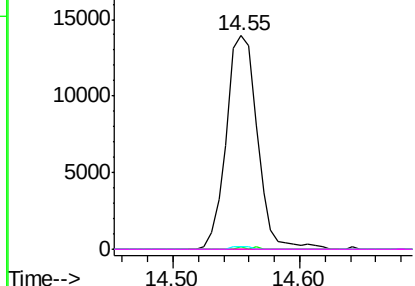
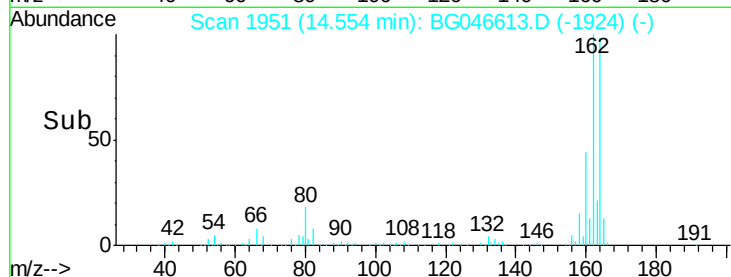
#57
 2,4-Dinitrotoluene
 Concen: 5.425 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion:165 Resp: 23702
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.1 45.9 68.9#
 182 0.0 2.3 3.5#

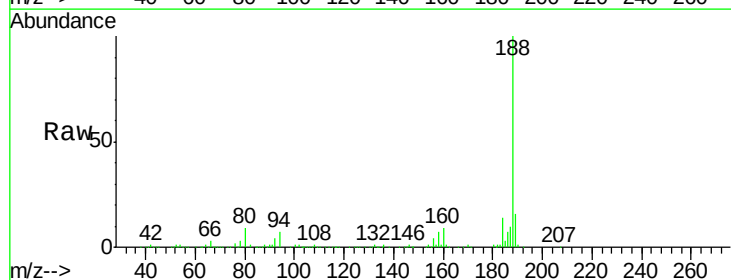


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

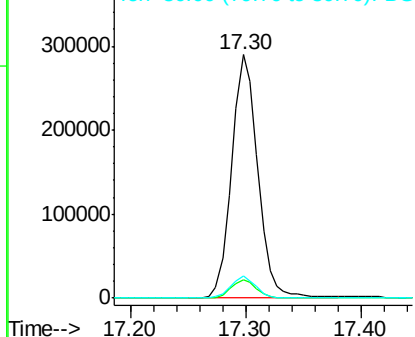
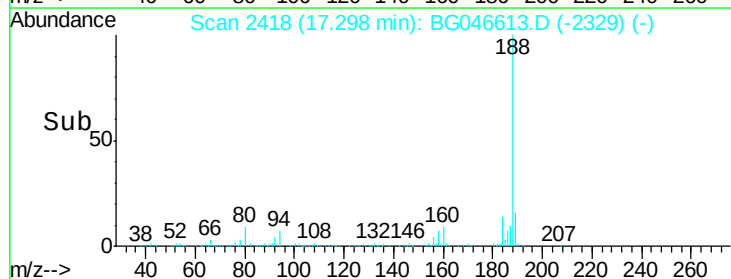


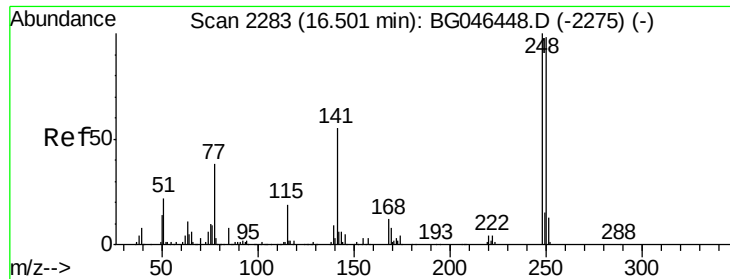
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Tgt Ion:188 Resp: 454332
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.3 9.5
 80 8.9 6.9 10.3



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

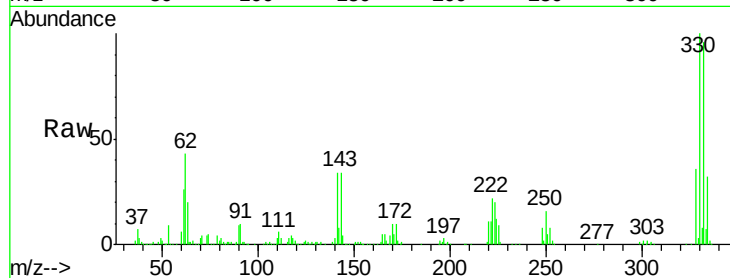




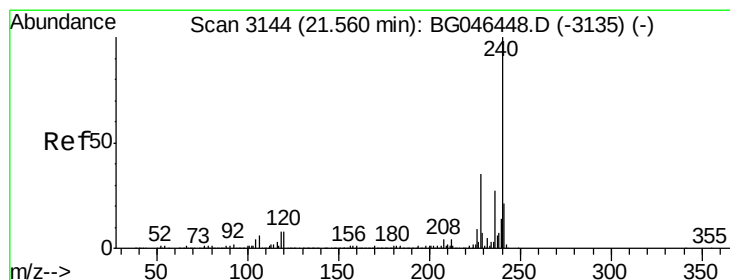
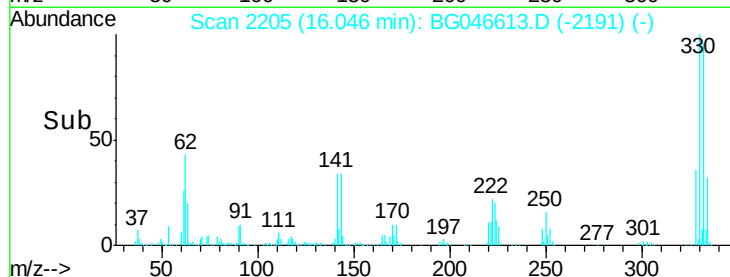
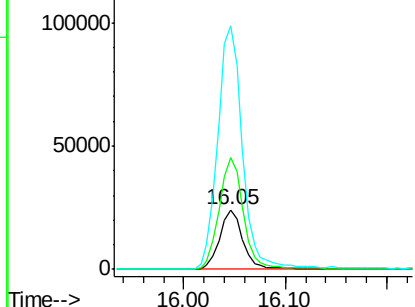
#67
4-Bromophenyl-phenylether
Concen: 7.338 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Instrument :
BNA_G
ClientSampleId :
HD-02-091120

Tot Ion:248 Resp: 38898
Ion Ratio Lower Upper
248 100
250 186.5 78.6 118.0#
141 407.0 43.9 65.9#

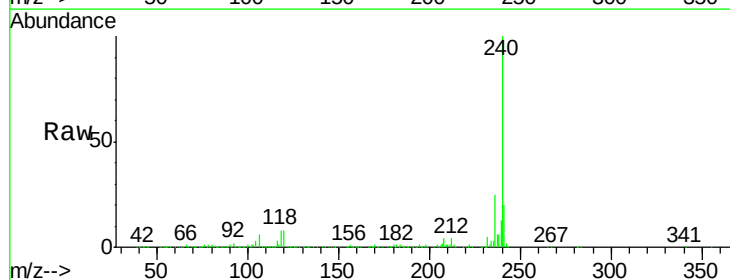


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

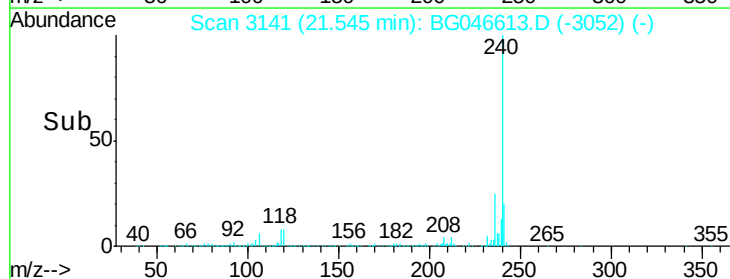
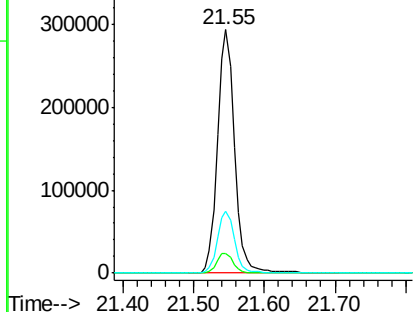


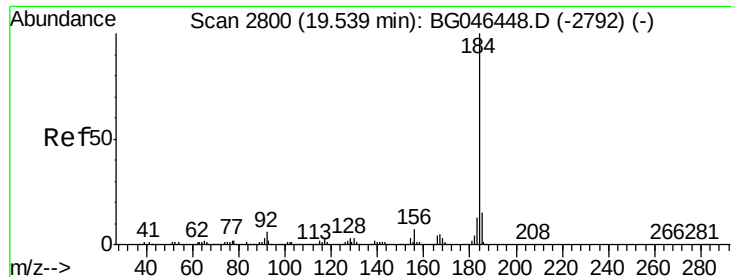
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046613.D
Acq: 14 Sep 2020 21:32

Tgt Ion:240 Resp: 493747
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 25.4 21.4 32.2



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: 4.219 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

Instrument :

BNA_G

ClientSampleId :

HD-02-091120

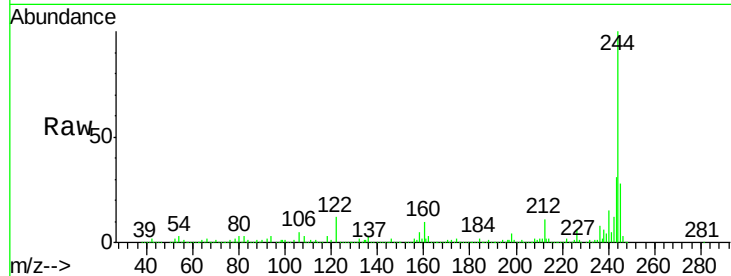
Tot Ion:184 Resp: 48410

Ion Ratio Lower Upper

184 100

185 17.9 11.8 17.8#

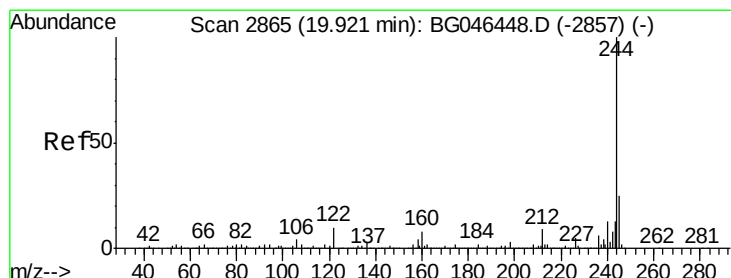
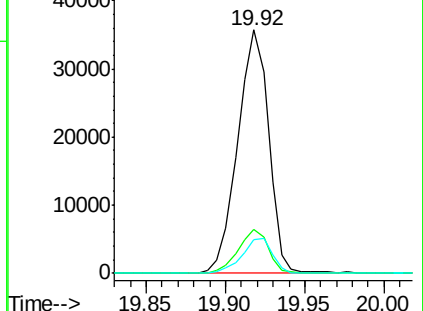
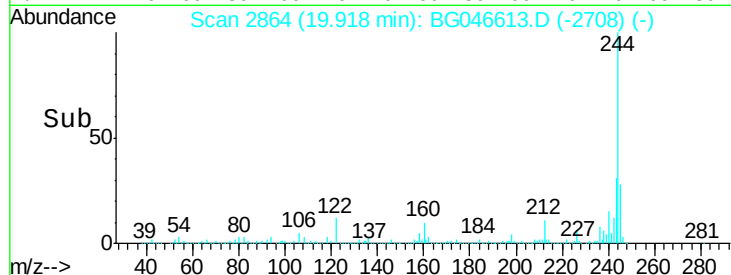
183 14.1 10.7 16.1



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: 114.653 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046613.D

Acq: 14 Sep 2020 21:32

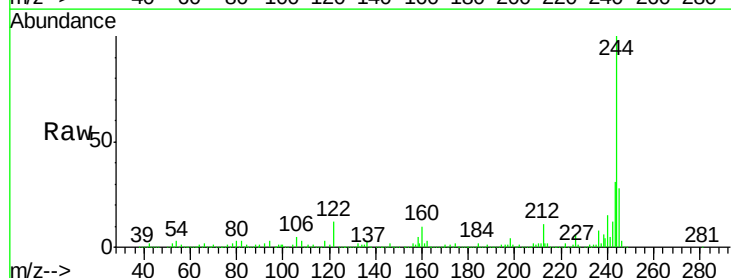
Tgt Ion:244 Resp: 2660011

Ion Ratio Lower Upper

244 100

212 11.0 6.9 10.3#

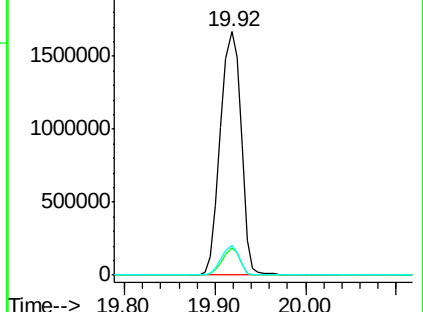
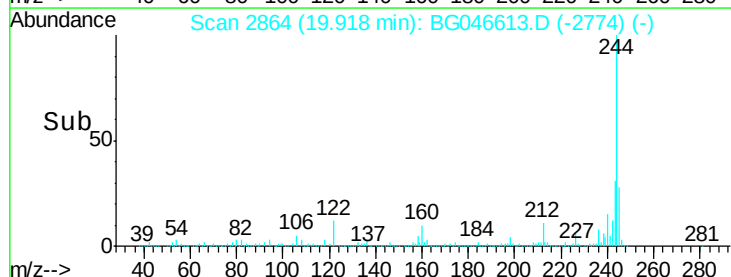
122 12.2 8.2 12.4

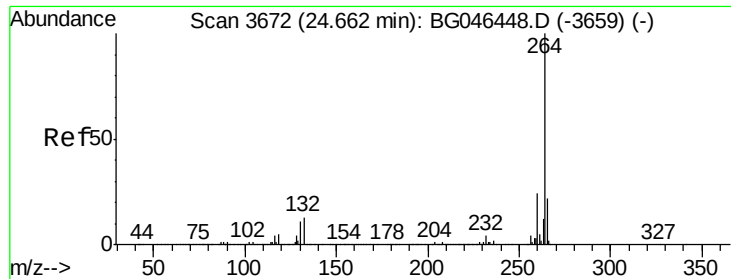


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046613.D
 Acq: 14 Sep 2020 21:32

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.9	26.9

