

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046492.D
 Acq On : 1 Sep 2020 20:08
 Operator : CG/JU
 Sample : L3849-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 16090

Quant Time: Sep 02 00:28:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

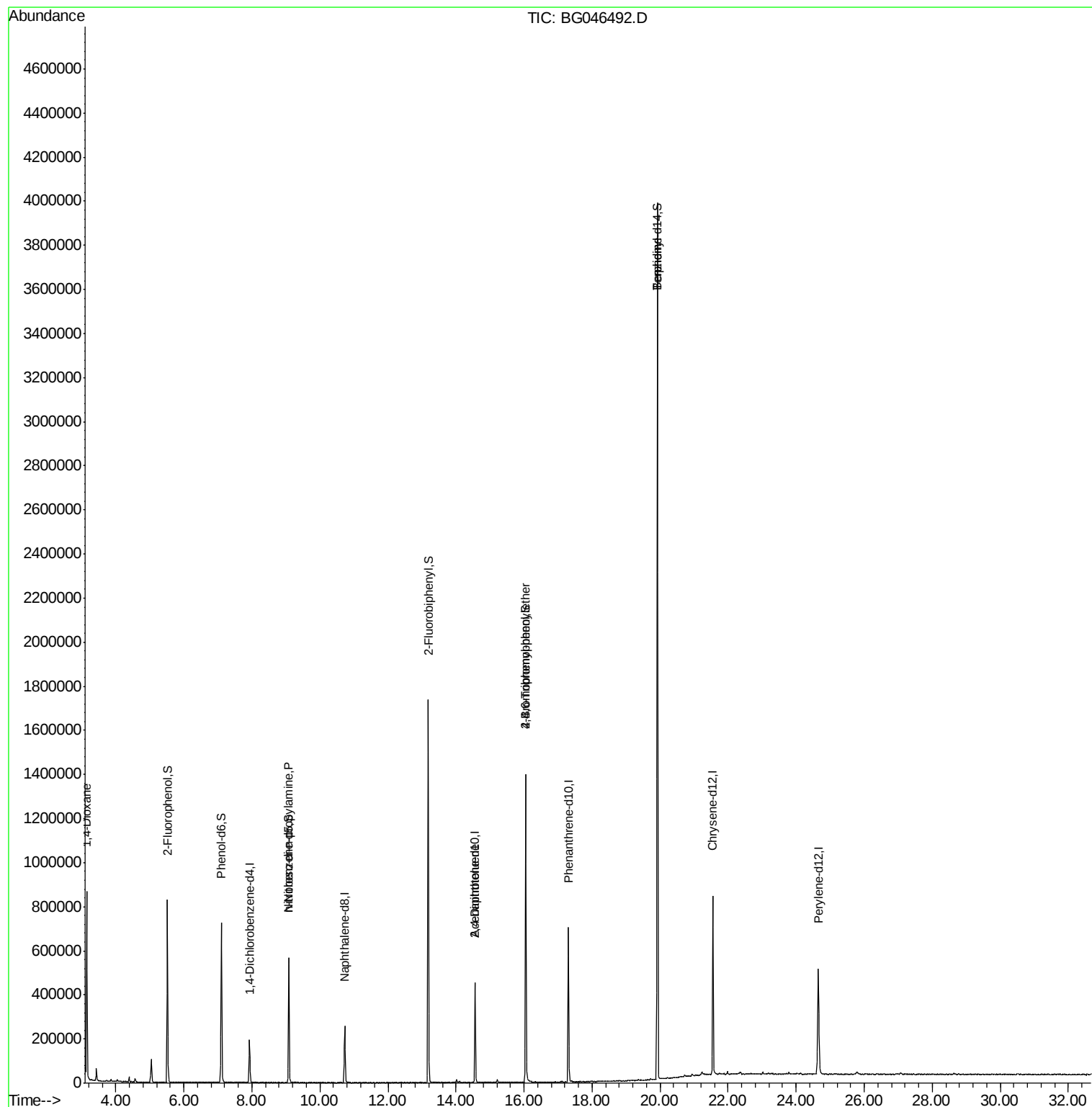
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62255	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	240159	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	168580	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	461601	20.00	ng	0.00
76) Chrysene-d12	21.55	240	511412	20.00	ng	0.00
86) Perylene-d12	24.65	264	529641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	378250	107.61	ng	0.00
7) Phenol-d6	7.10	99	453409	91.00	ng	0.00
23) Nitrobenzene-d5	9.08	82	365441	86.97	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	293373	128.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	949253	85.96	ng	0.00
79) Terphenyl-d14	19.92	244	1825452	75.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	7487	5.120	ng	# 1
19) n-Nitroso-di-n-propylamine	9.08	70	46768	15.692	ng	# 76
57) 2,4-Dinitrotoluene	14.56	165	22192	5.414	ng	# 34
67) 4-Bromophenyl-phenylether	16.05	248	21970	4.080	ng	# 1
77) Benzidine	19.92	184	28903	2.432	ng	96

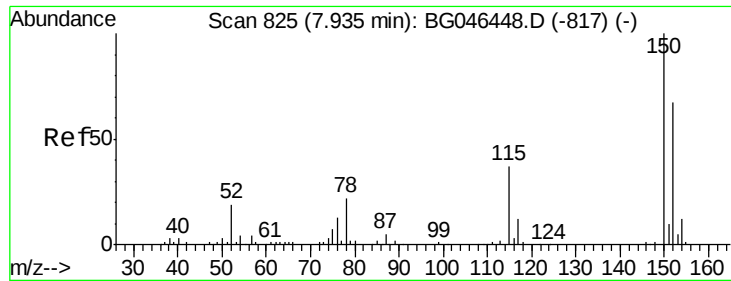
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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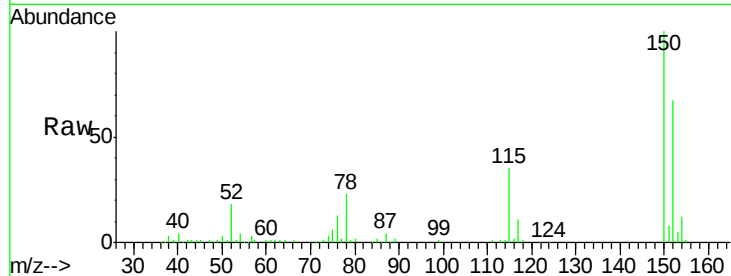


#1

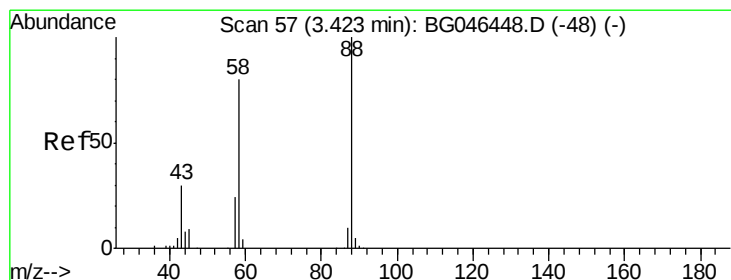
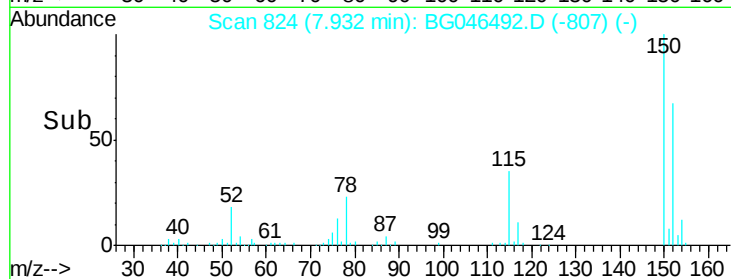
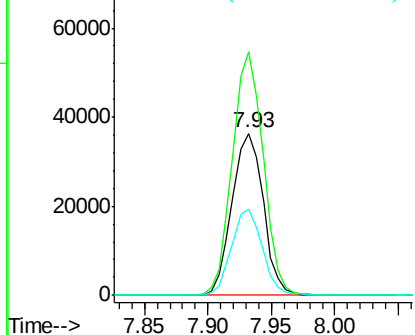
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046492.D
Acq: 1 Sep 2020 20:08

Instrument :
BNA_G
ClientSampleId :
16090

Tot Ion:152 Resp: 62255
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 53.2 44.3 66.5



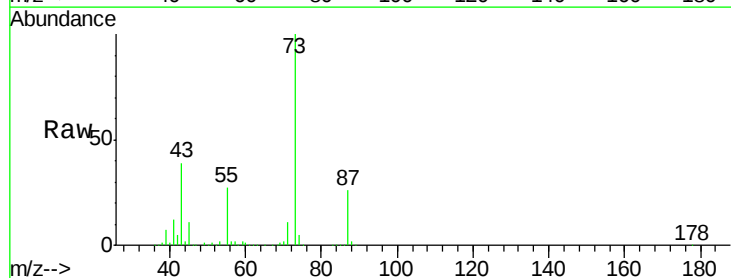
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



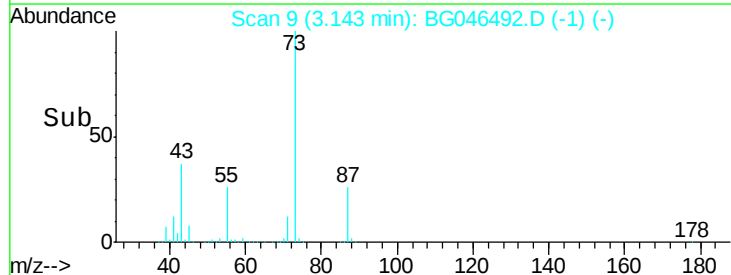
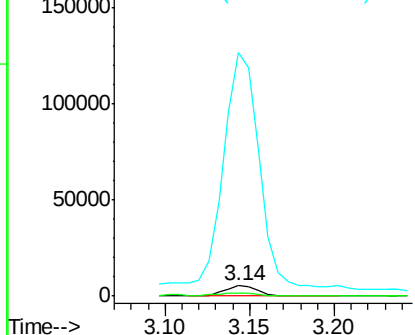
#2

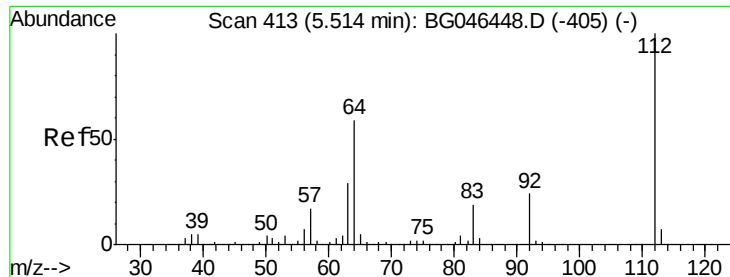
1,4-Dioxane
Concen: 5.120 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.28 min
Lab File: BG046492.D
Acq: 1 Sep 2020 20:08

Tgt Ion: 88 Resp: 7487
Ion Ratio Lower Upper
88 100
58 32.0 61.4 92.2#
43 2482.0 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: 107.614 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.01 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

16090

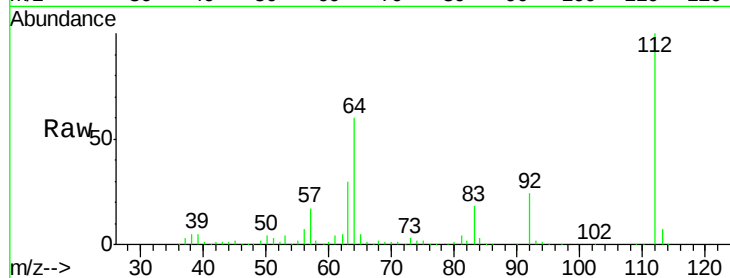
Tot Ion: 112 Resp: 378250

Ion Ratio Lower Upper

112 100

64 60.1 47.0 70.6

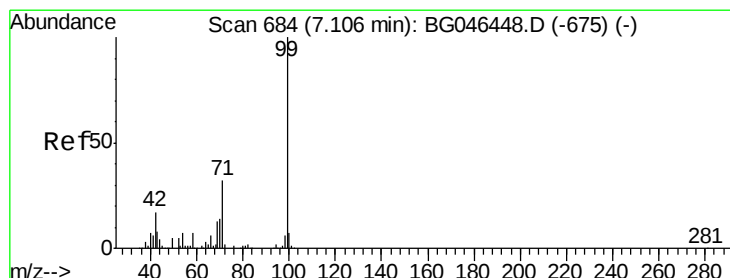
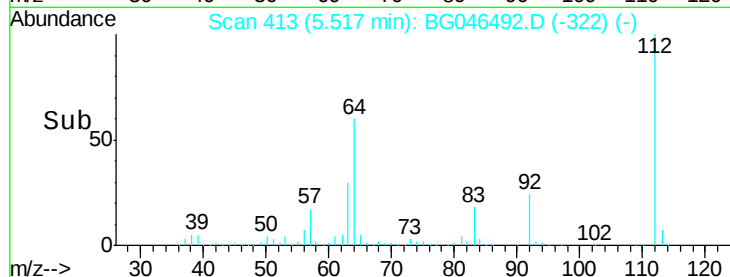
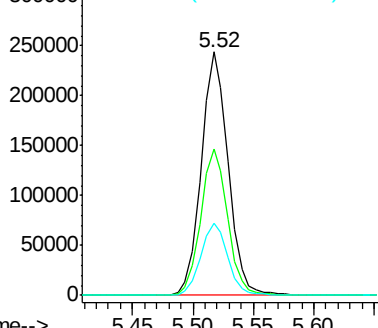
63 29.7 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 90.997 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

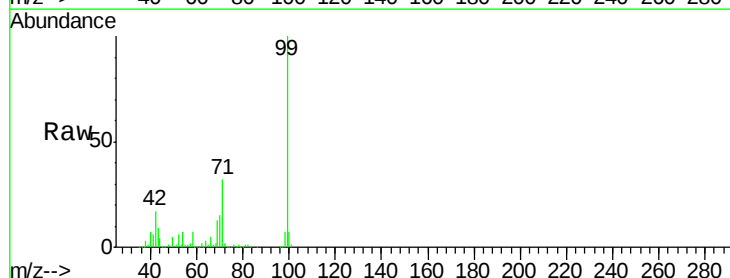
Tgt Ion: 99 Resp: 453409

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

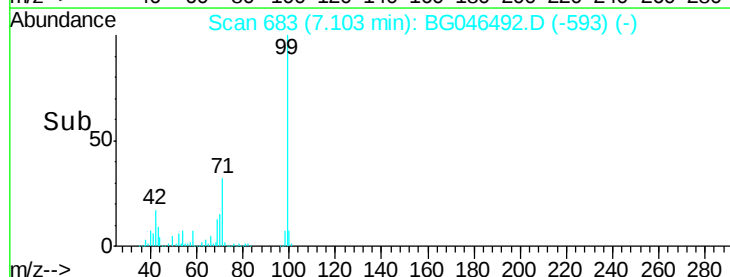
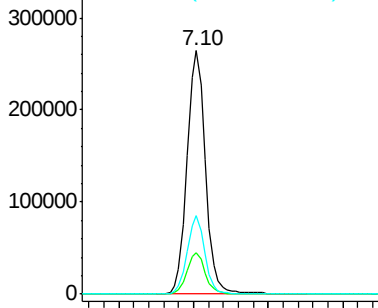
71 32.1 25.3 37.9

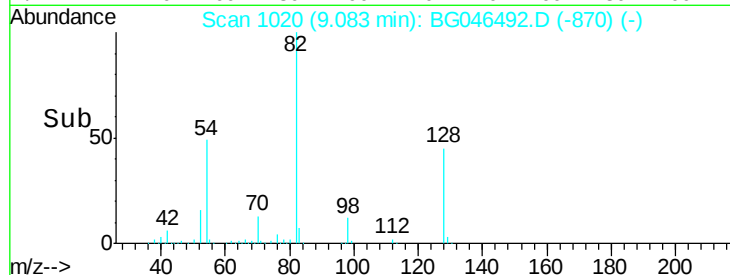
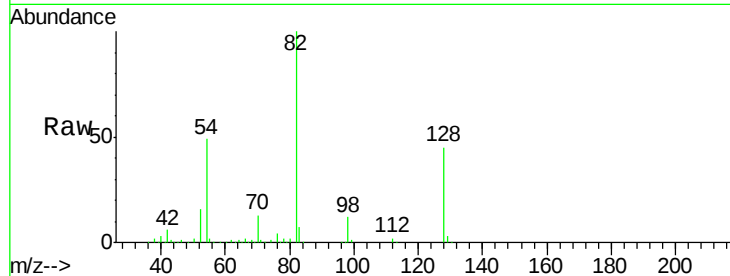
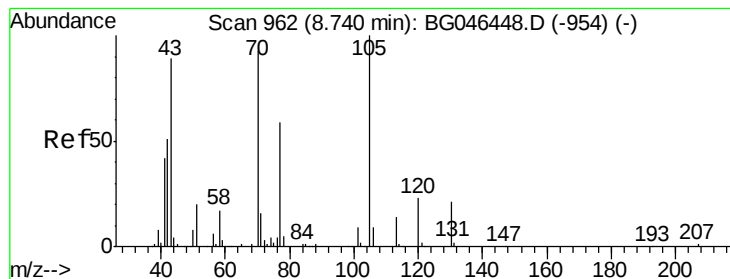


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.692 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

16090

Tot Ion: 70 Resp: 46768

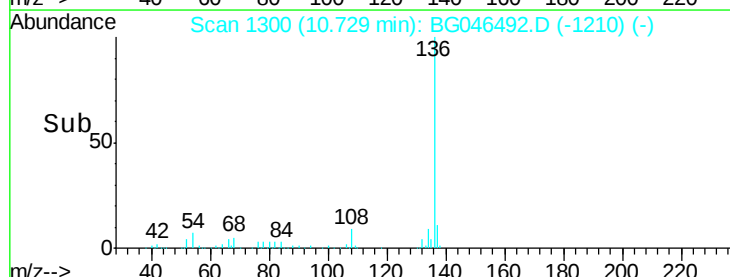
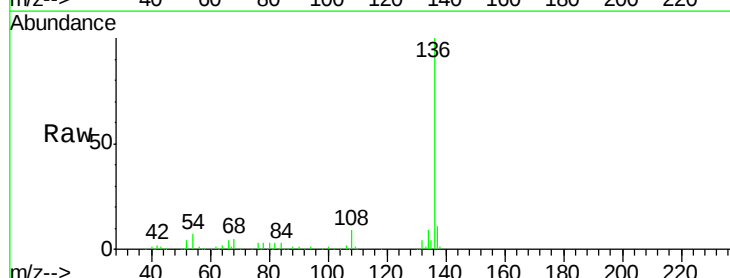
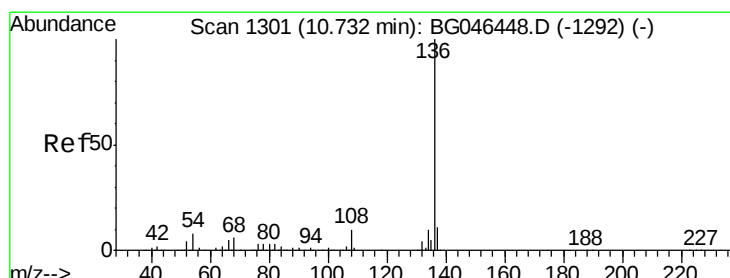
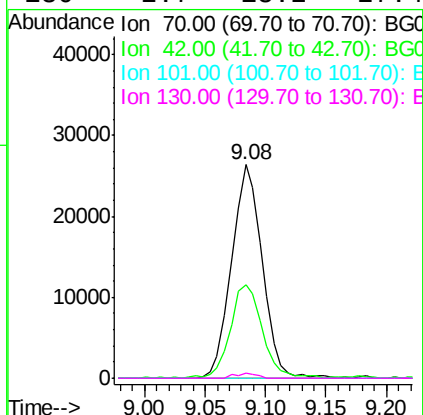
Ion Ratio Lower Upper

70 100

42 43.8 44.2 66.2#

101 0.0 7.8 11.8#

130 2.7 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Tgt Ion: 136 Resp: 240159

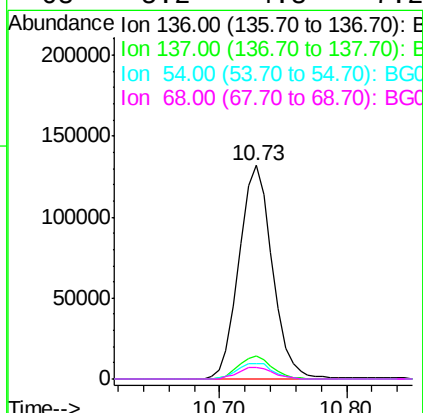
Ion Ratio Lower Upper

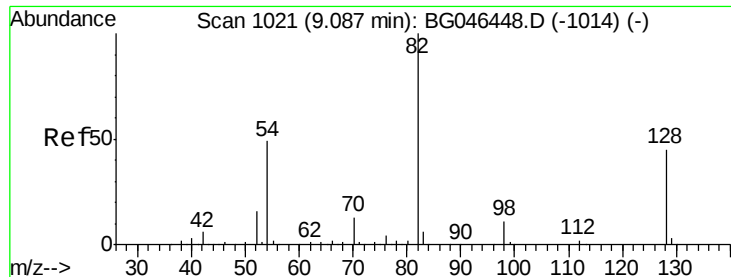
136 100

137 10.9 8.8 13.2

54 7.5 6.1 9.1

68 5.2 4.8 7.2

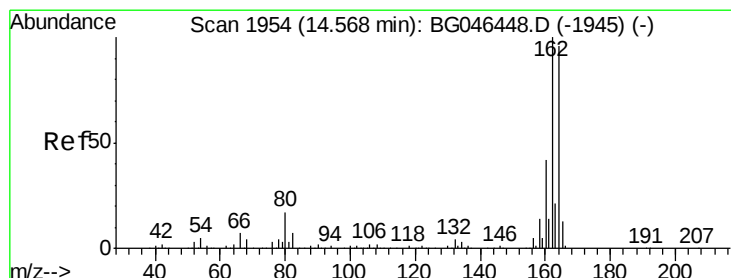
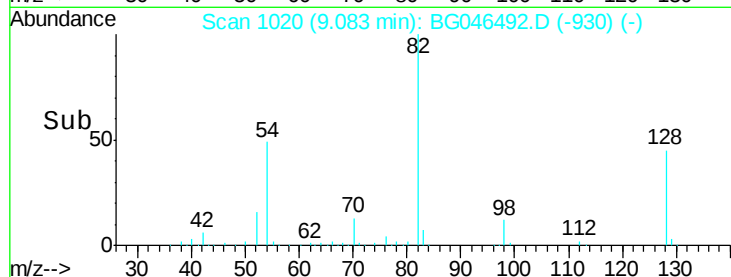
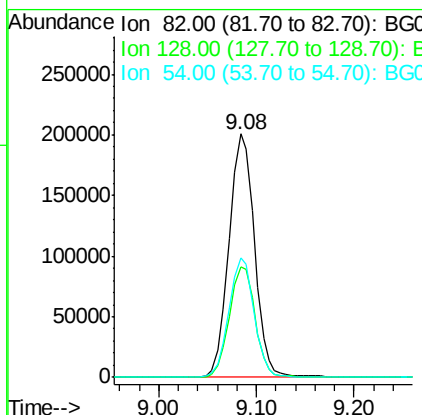
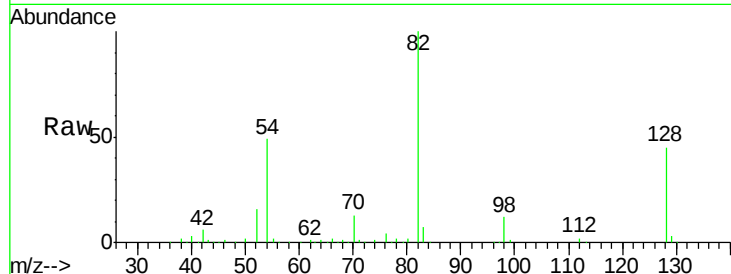




#23
 Nitrobenzene-d5
 Concen: 86.971 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

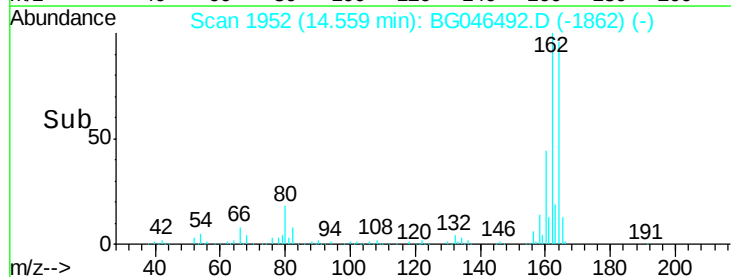
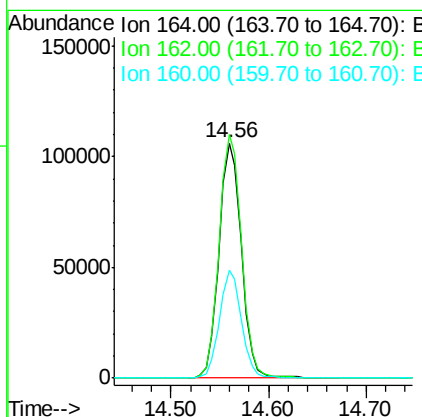
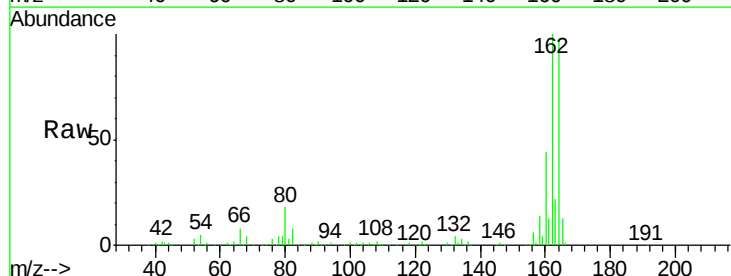
Instrument :
 BNA_G
 ClientSampleId :
 16090

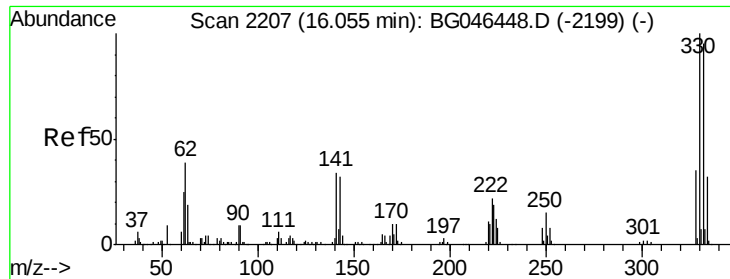
Tot Ion: 82 Resp: 365441
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.7 53.5
 54 49.2 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Tgt Ion: 164 Resp: 168580
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.3 124.9
 160 45.7 35.0 52.6

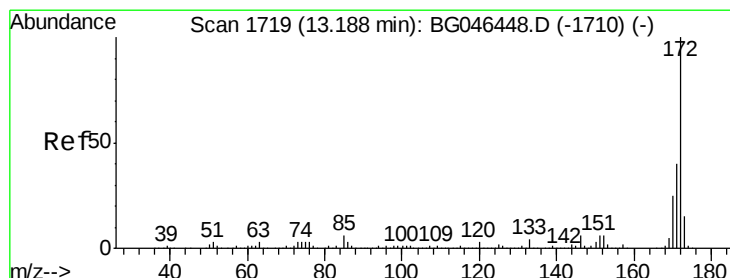
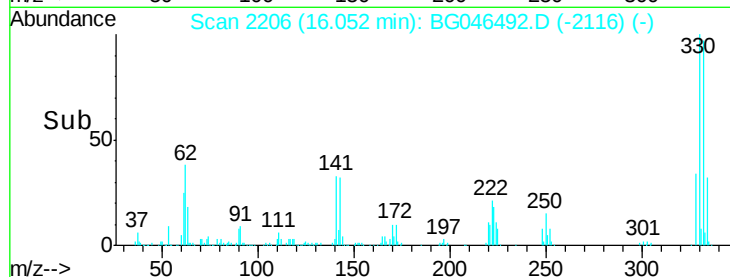
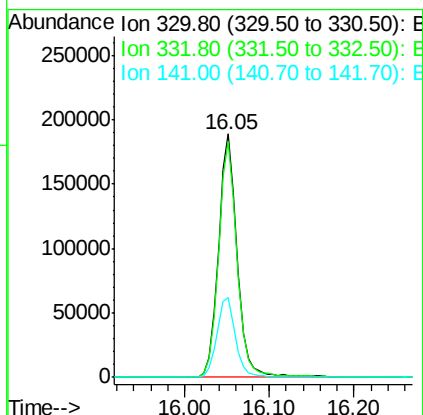
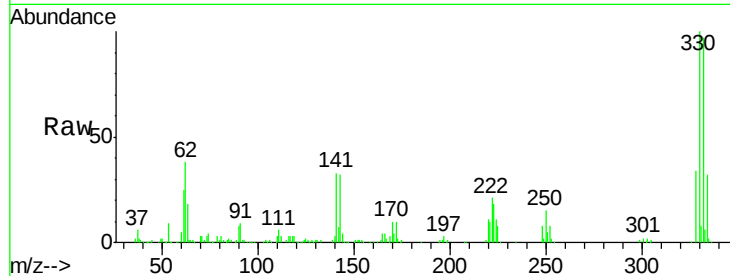




#42
 2,4,6-Tribromophenol
 Concen: 128.439 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

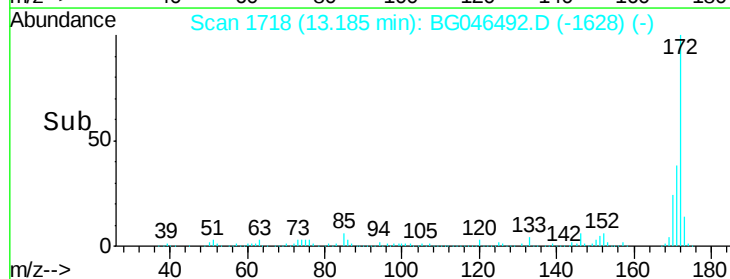
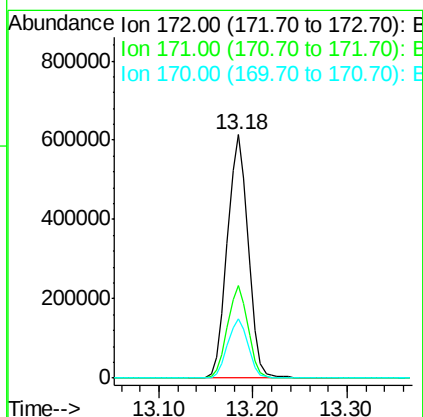
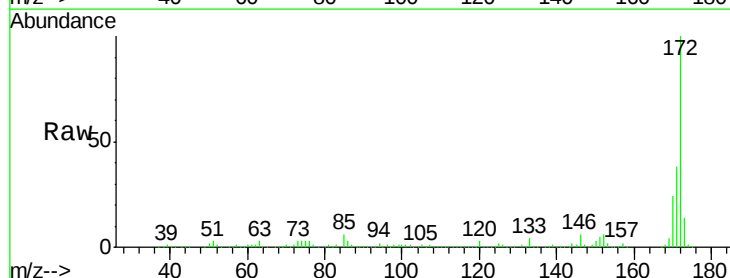
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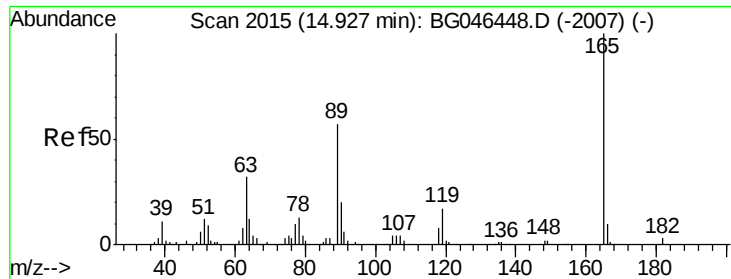
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	33.6	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 85.959 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	24.4	20.3	30.5

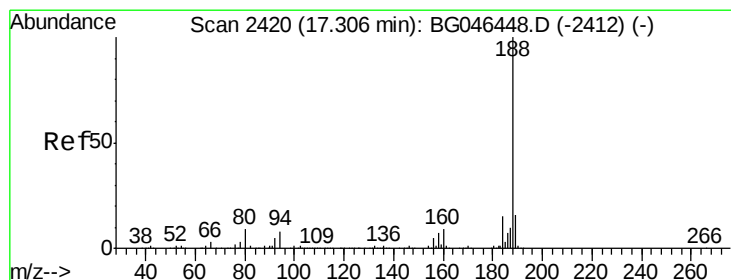
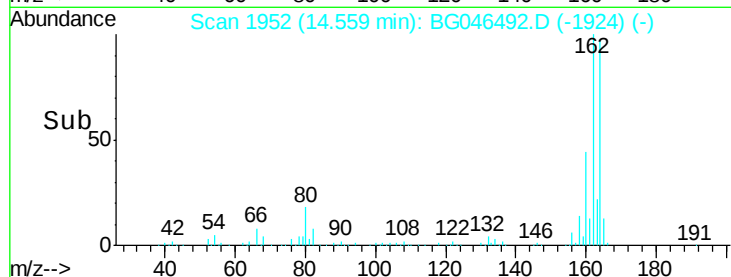
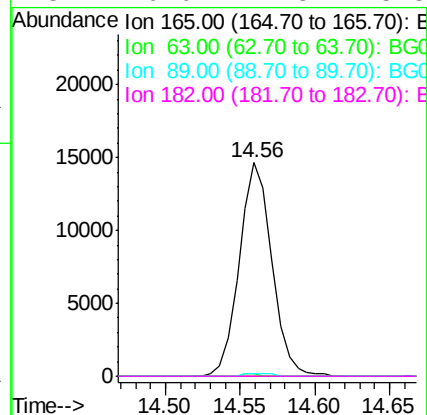
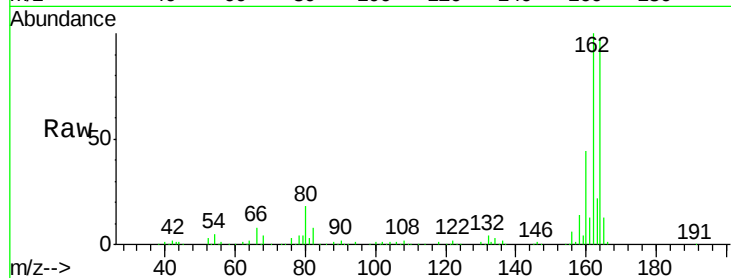




#57
 2,4-Dinitrotoluene
 Concen: 5.414 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.36 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

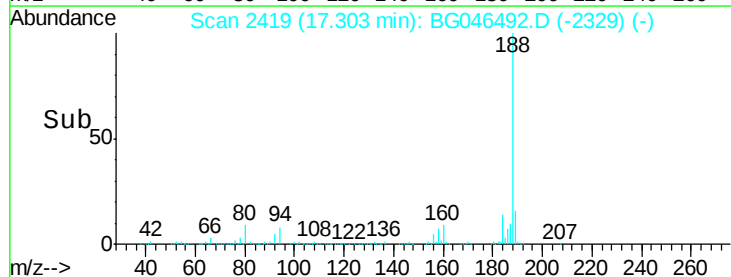
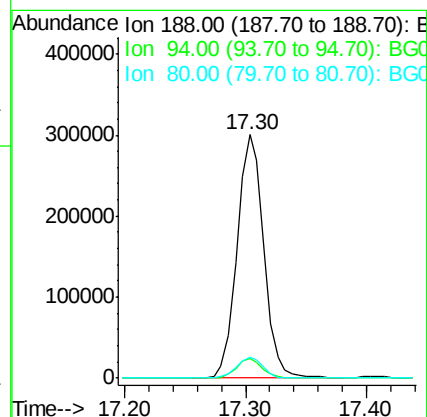
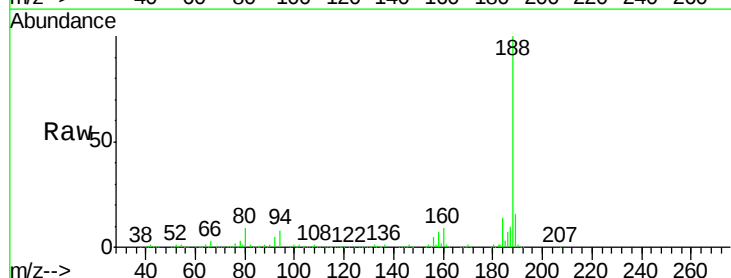
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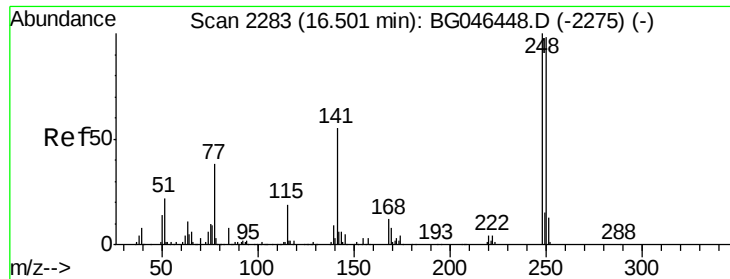
Tot Ion:165 Resp: 22192
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.3 45.9 68.9#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046492.D
 Acq: 1 Sep 2020 20:08

Tgt Ion:188 Resp: 461601
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.3 9.5
 80 8.8 6.9 10.3

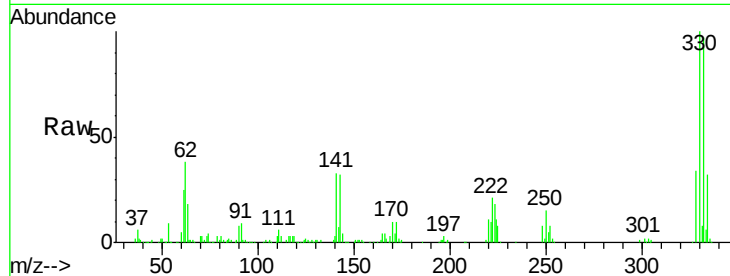




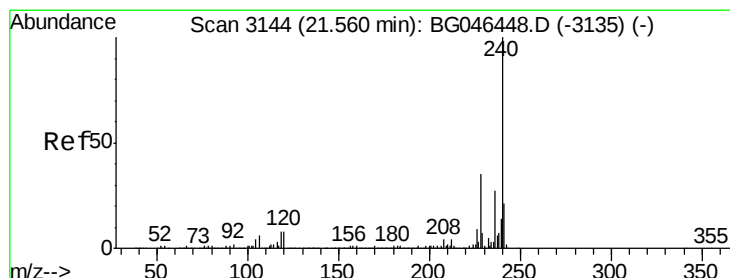
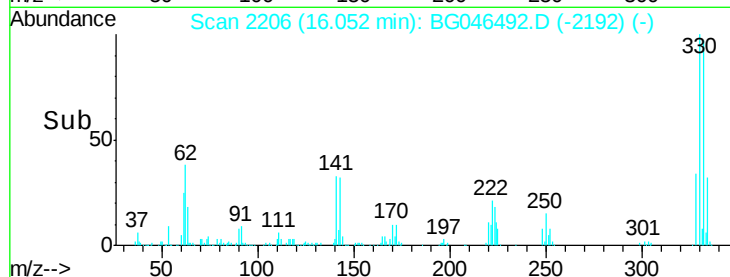
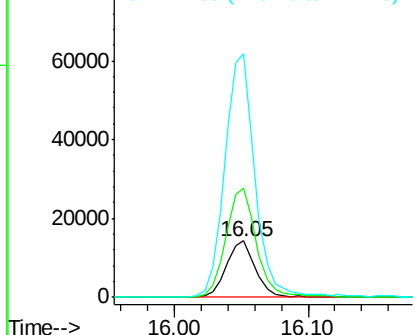
#67
4-Bromophenyl-phenylether
Concen: 4.080 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046492.D
Acq: 1 Sep 2020 20:08

Instrument :
BNA_G
ClientSampleId :
16090

Tot Ion:248 Resp: 21970
Ion Ratio Lower Upper
248 100
250 191.8 78.6 118.0#
141 429.8 43.9 65.9#

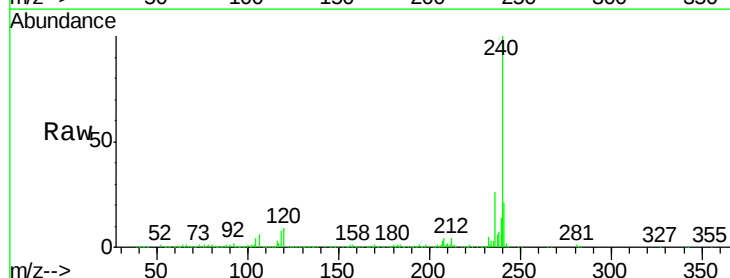


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

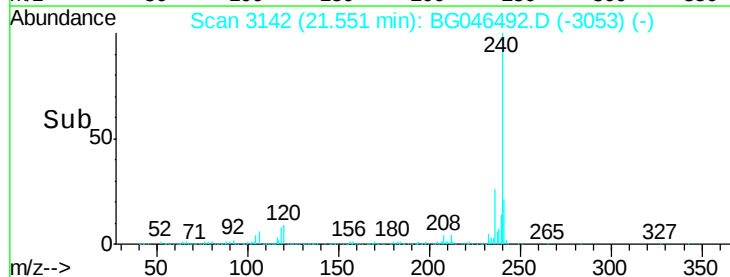
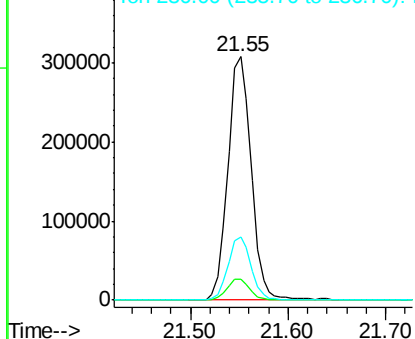


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046492.D
Acq: 1 Sep 2020 20:08

Tgt Ion:240 Resp: 511412
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 26.0 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: 2.432 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

16090

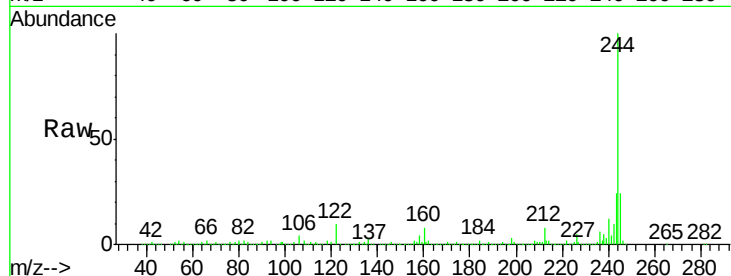
Tot Ion:184 Resp: 28903

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.8

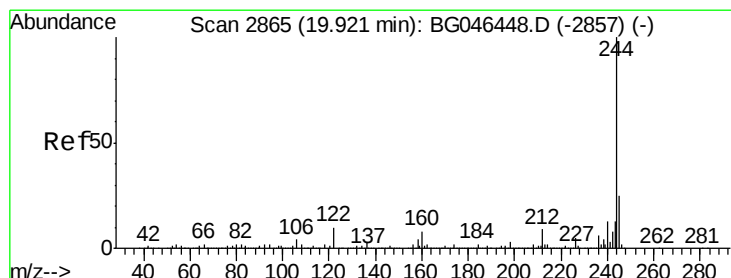
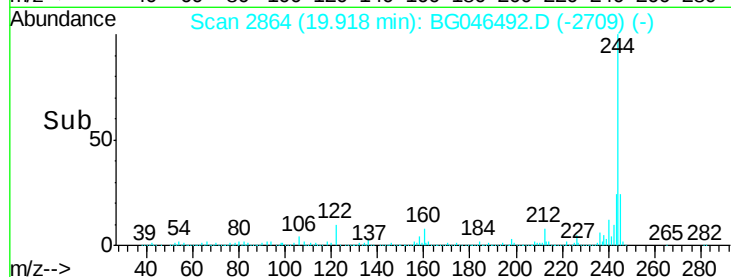
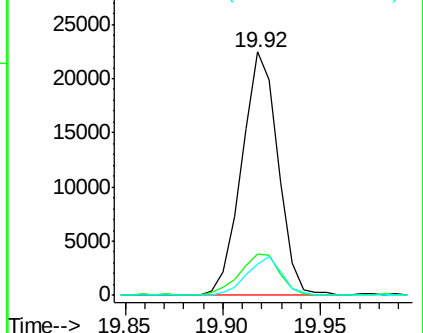
183 12.8 10.7 16.1



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: 75.964 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046492.D

Acq: 1 Sep 2020 20:08

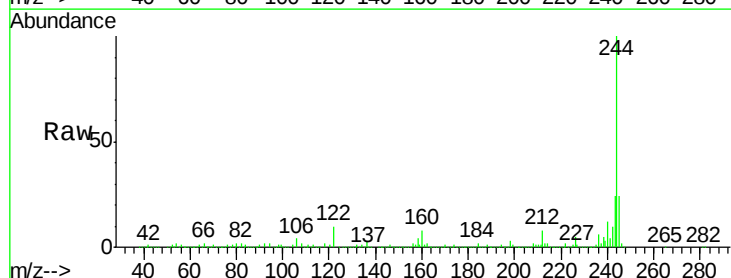
Tgt Ion:244 Resp: 1825452

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

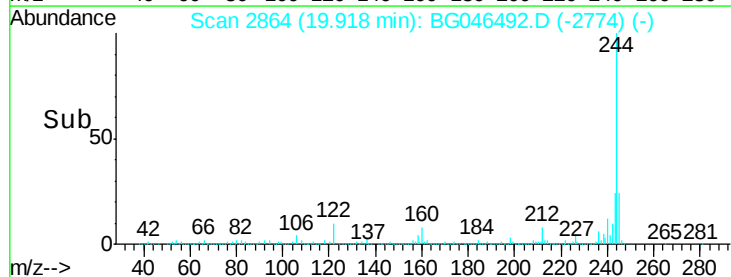
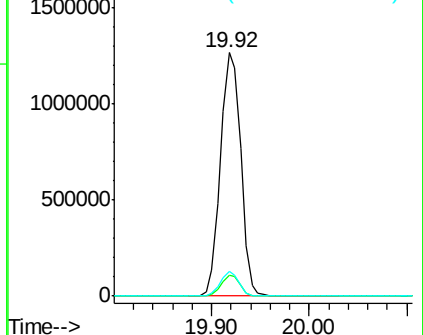
122 10.1 8.2 12.4

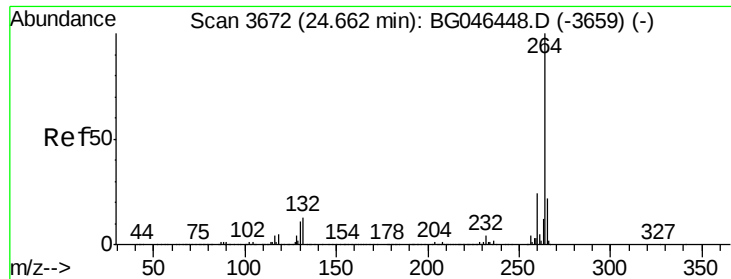


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG046492.D
 Acq: 1 Sep 2020 20:08

Instrument :
 BNA_G
 ClientSampleId :
 16090

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.9	26.9

