

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046623.D
 Acq On : 15 Sep 2020 14:07
 Operator : CG/JU
 Sample : L3993-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Quant Time: Sep 15 15:32:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

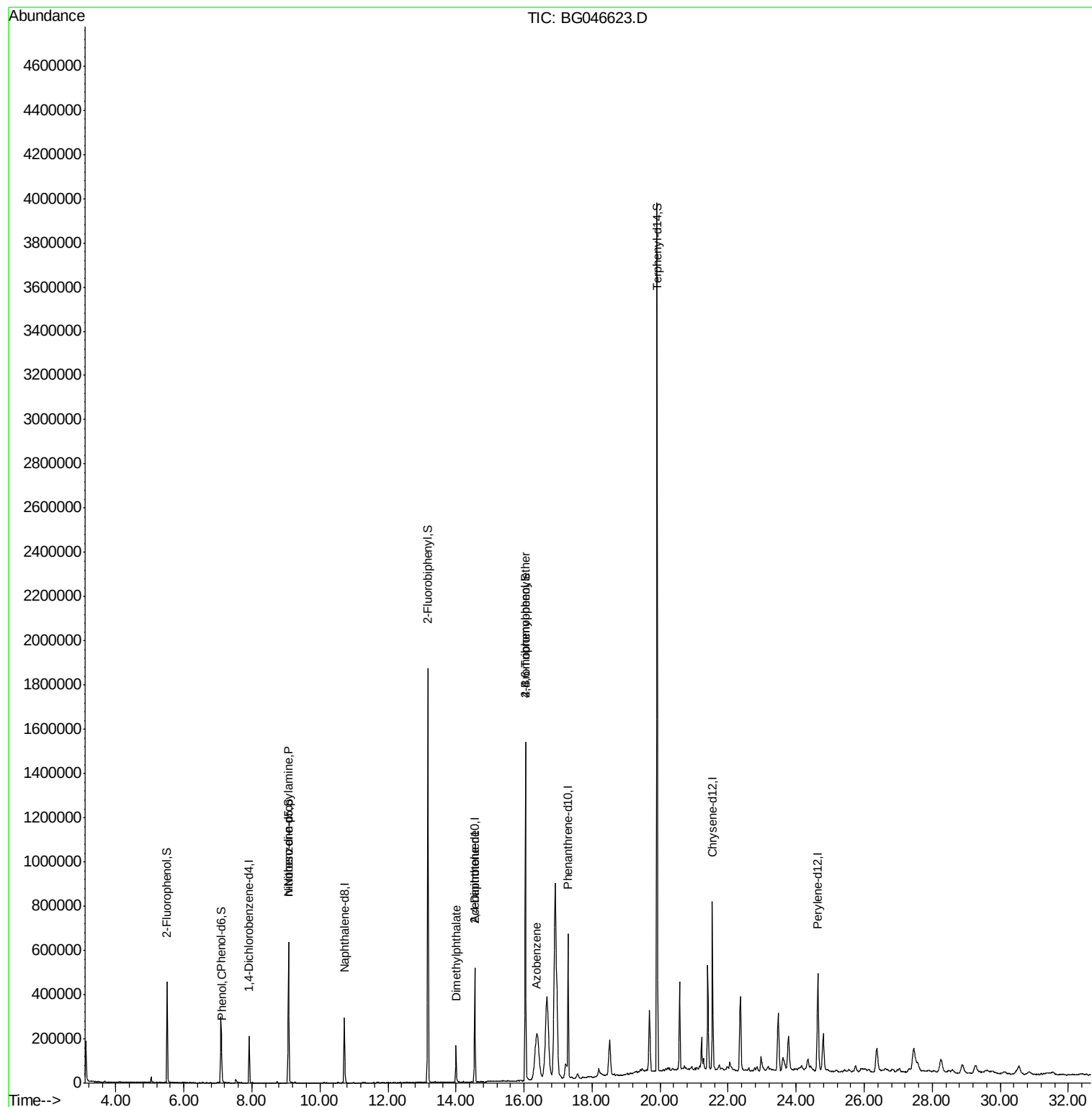
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66429	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	268157	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	187207	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	425821	20.00	ng	0.00
76) Chrysene-d12	21.54	240	472005	20.00	ng	0.00
86) Perylene-d12	24.64	264	470346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	221231	58.99	ng	0.00
7) Phenol-d6	7.09	99	200575	37.72	ng	0.00
23) Nitrobenzene-d5	9.08	82	404464	86.21	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	313464	123.58	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1059092	86.36	ng	0.00
79) Terphenyl-d14	19.91	244	1692682	76.32	ng	0.00
Target Compounds						
10) Phenol	7.12	94	14062	2.872	ng	93
19) n-Nitroso-di-n-propylamine	9.08	70	51348	16.146	ng	# 74
50) Dimethylphthalate	14.00	163	126959	8.766	ng	100
57) 2,4-Dinitrotoluene	14.55	165	24739	5.434	ng	# 33
63) Azobenzene	16.38	77	109010	9.490	ng	# 1
67) 4-Bromophenyl-phenylether	16.04	248	24080	4.847	ng	# 1

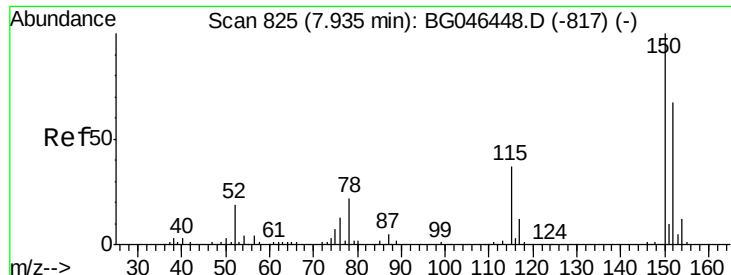
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046623.D
Acq On : 15 Sep 2020 14:07
Operator : CG/JU
Sample : L3993-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Quant Time: Sep 15 15:32:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration



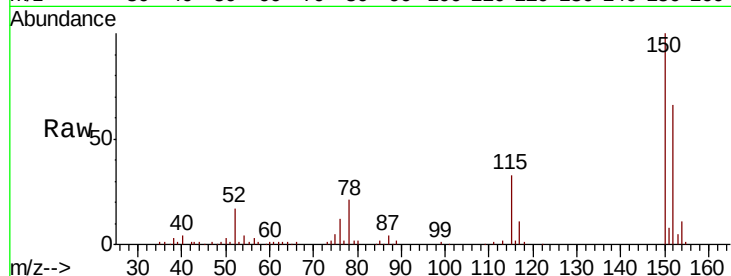


#1

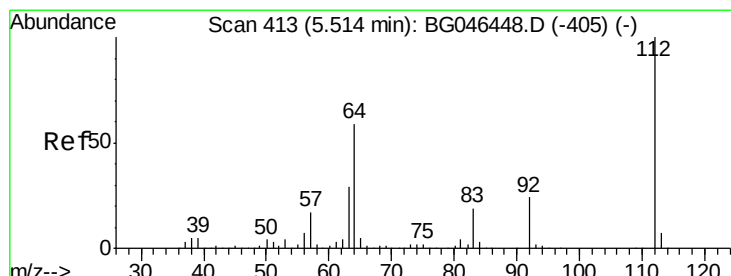
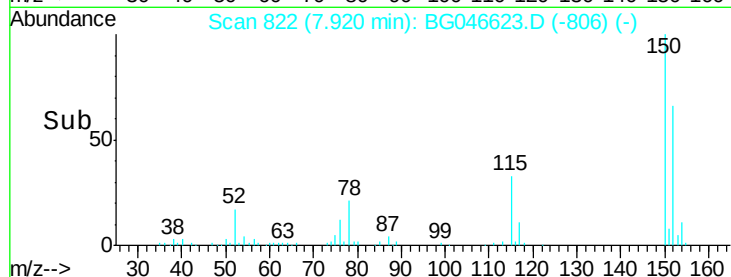
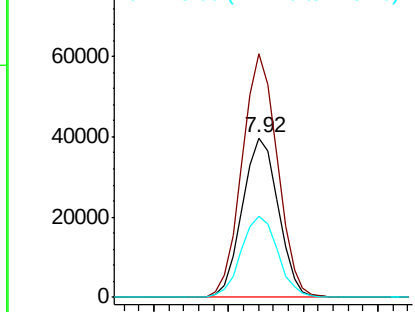
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046623.D
 Acq: 15 Sep 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:152 Resp: 66429
 Ion Ratio Lower Upper
 152 100
 150 152.5 119.5 179.3
 115 50.7 44.3 66.5



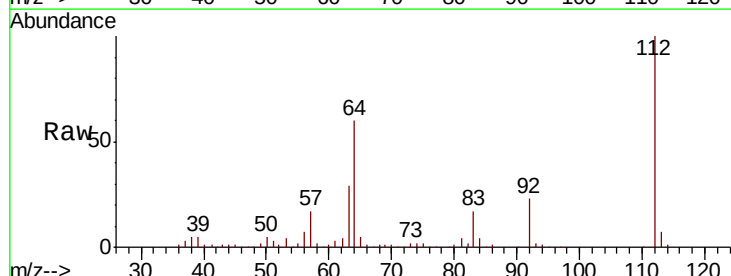
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



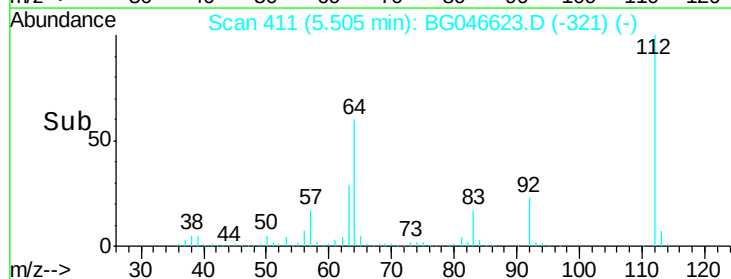
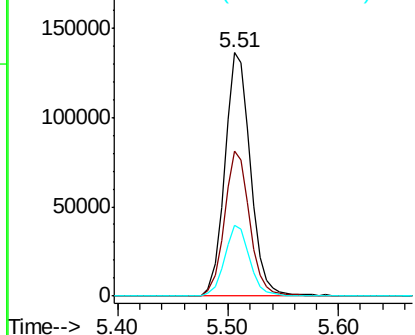
#5

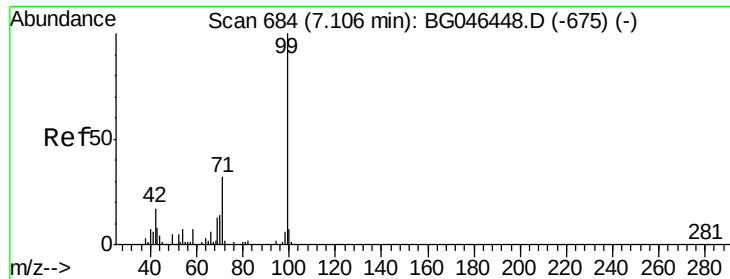
2-Fluorophenol
 Concen: 58.986 ng
 RT: 5.51 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BG046623.D
 Acq: 15 Sep 2020 14:07

Tgt Ion:112 Resp: 221231
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.0 70.6
 63 28.9 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 37.725 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

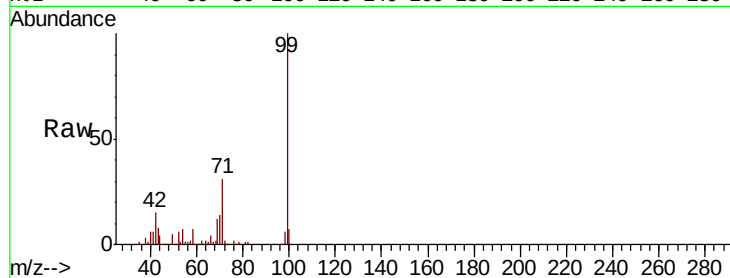
Tot Ion: 99 Resp: 200575

Ion Ratio Lower Upper

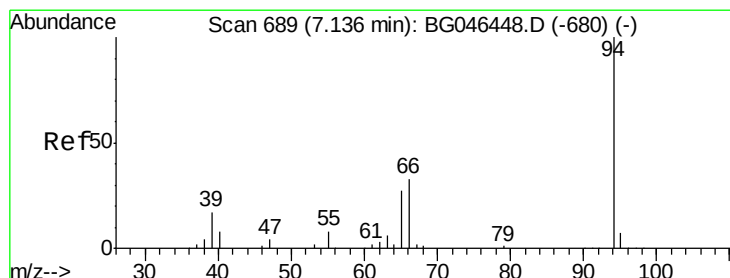
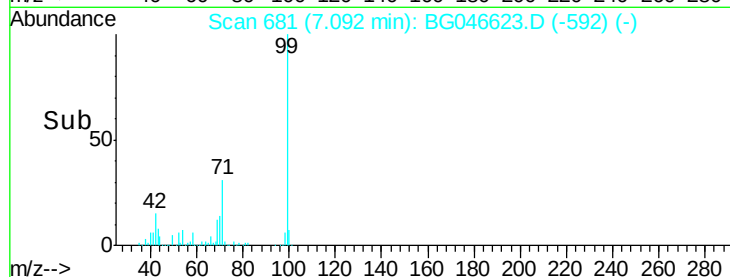
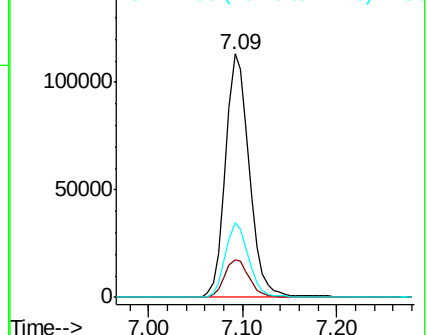
99 100

42 15.3 13.3 19.9

71 30.7 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: 2.872 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

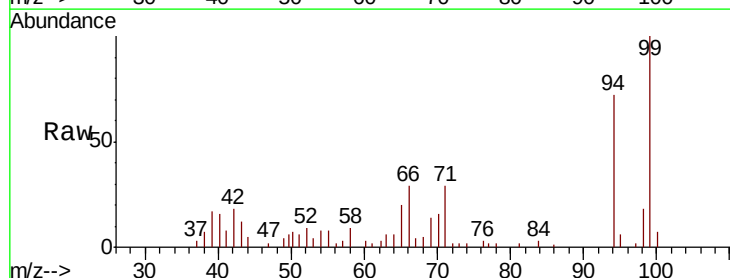
Tgt Ion: 94 Resp: 14062

Ion Ratio Lower Upper

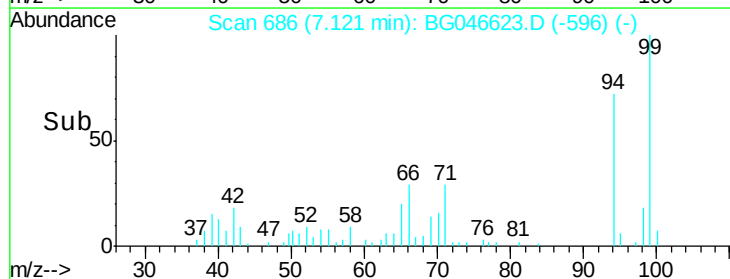
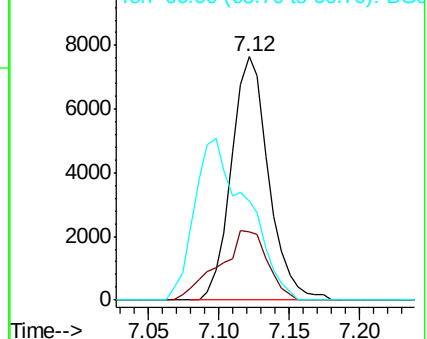
94 100

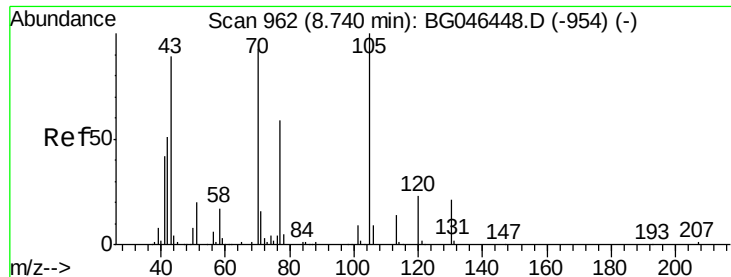
65 27.8 7.5 47.5

66 40.6 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

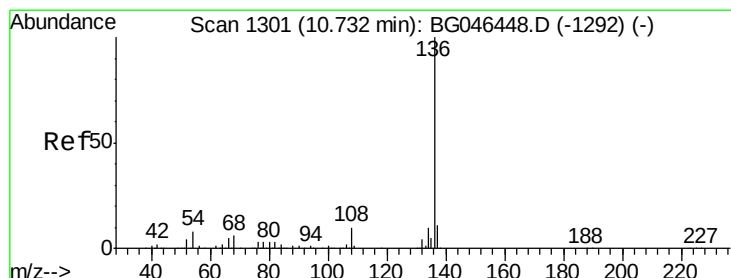
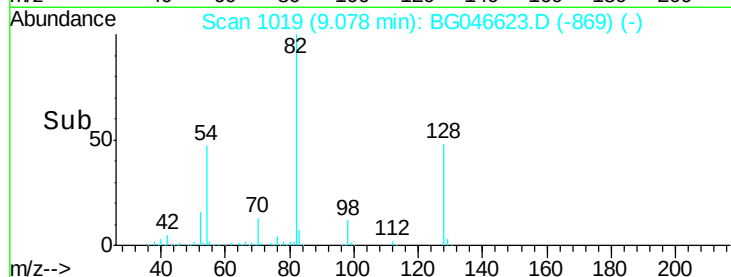
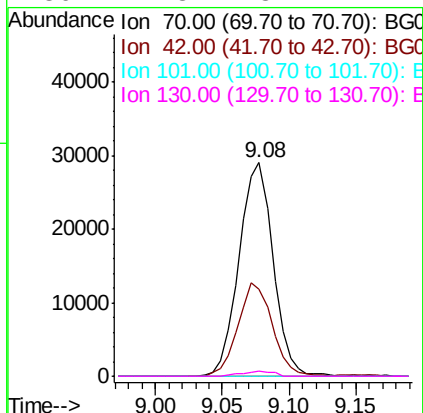
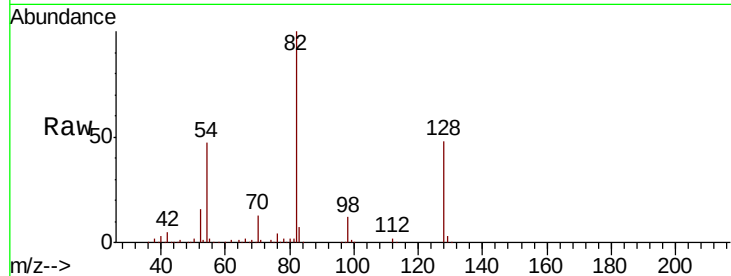




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.146 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.35 min
 Lab File: BG046623.D
 Acq: 15 Sep 2020 14:07

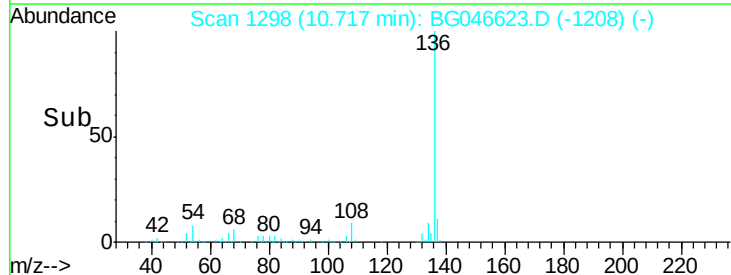
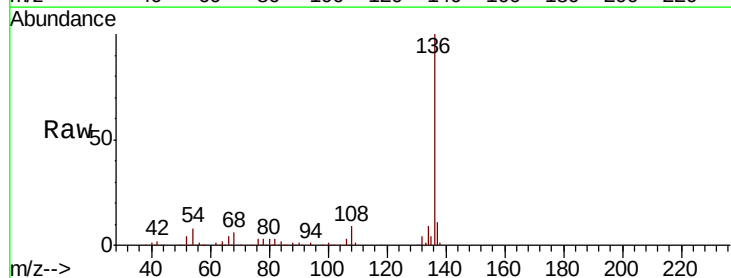
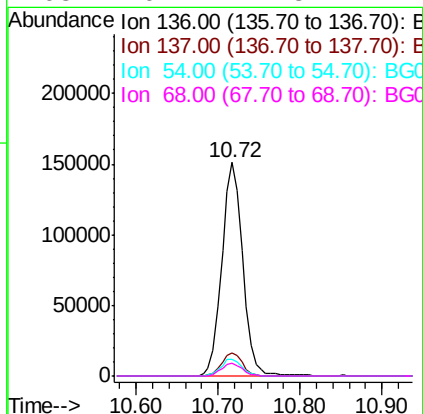
Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

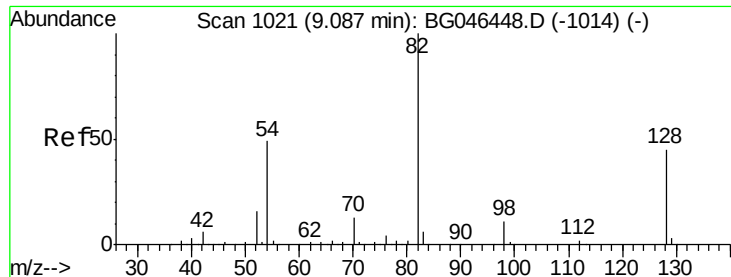
Tot Ion: 70 Resp: 51348
 Ion Ratio Lower Upper
 70 100
 42 41.0 44.2 66.2#
 101 0.0 7.8 11.8#
 130 2.3 18.2 27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG046623.D
 Acq: 15 Sep 2020 14:07

Tgt Ion: 136 Resp: 268157
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.8 13.2
 54 8.0 6.1 9.1
 68 6.1 4.8 7.2

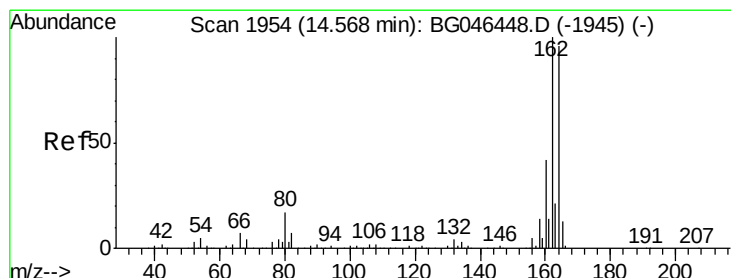
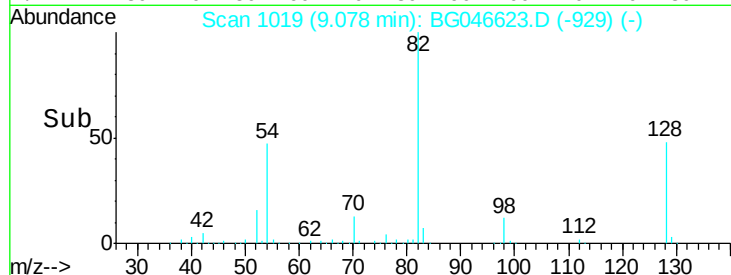
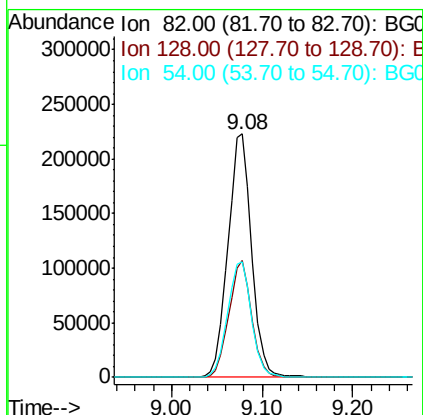
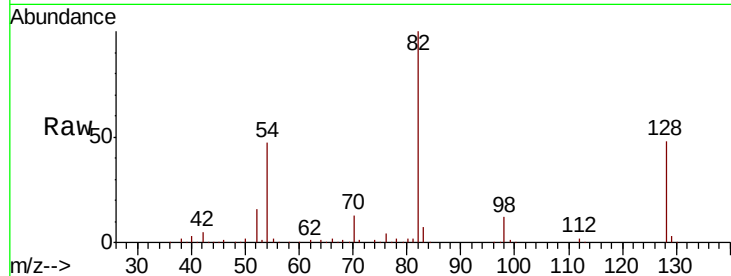




#23
Nitrobenzene-d5
Concen: 86.208 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046623.D
Acq: 15 Sep 2020 14:07

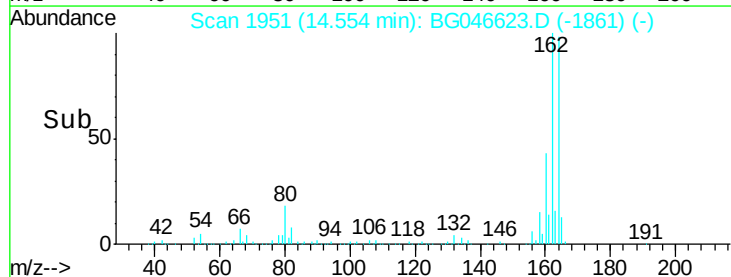
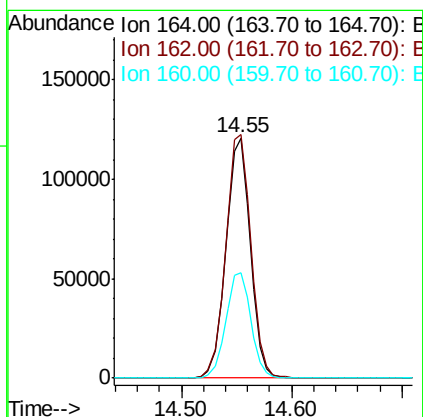
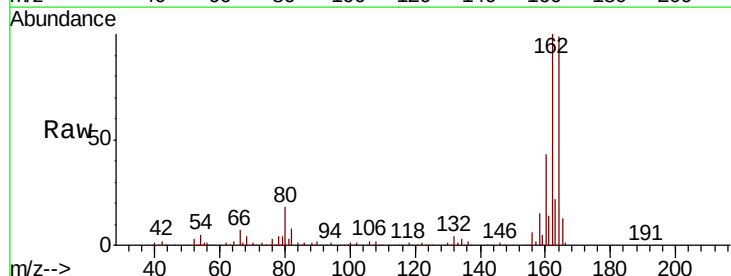
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

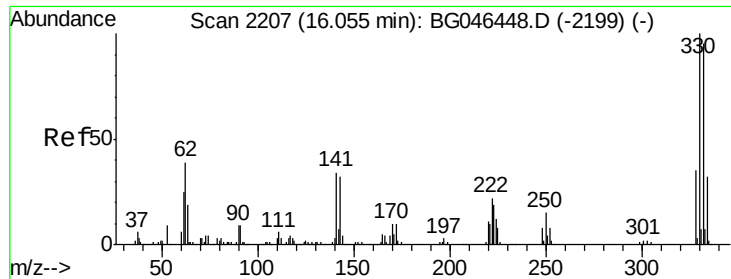
Tot Ion: 82 Resp: 404464
Ion Ratio Lower Upper
82 100
128 47.9 35.7 53.5
54 47.4 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046623.D
Acq: 15 Sep 2020 14:07

Tgt Ion: 164 Resp: 187207
Ion Ratio Lower Upper
164 100
162 101.3 83.3 124.9
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 123.580 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

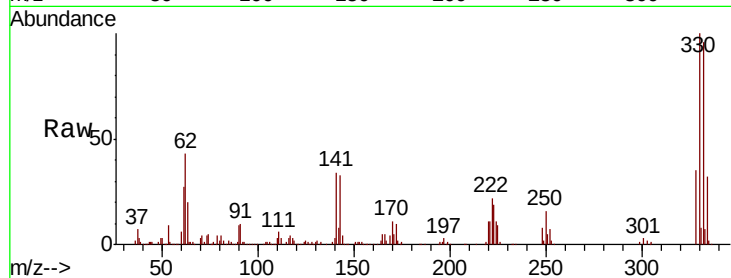
Tot Ion:330 Resp: 313464

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

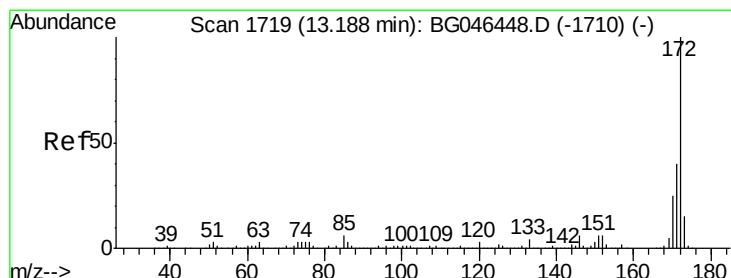
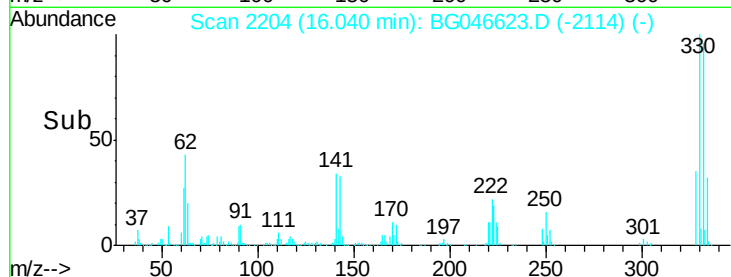
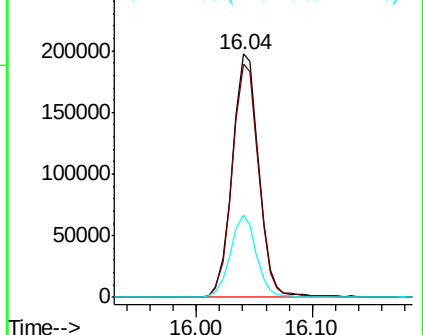
141 33.4 26.1 39.1



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: 86.363 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

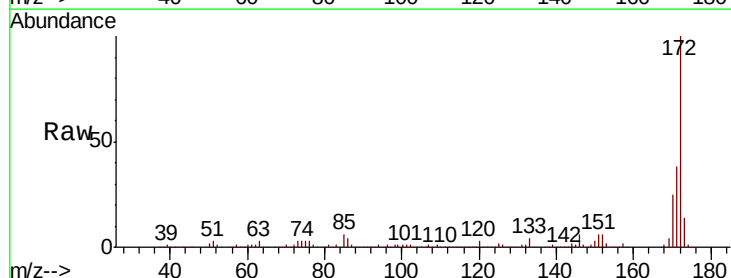
Tgt Ion:172 Resp: 1059092

Ion Ratio Lower Upper

172 100

171 38.1 31.8 47.6

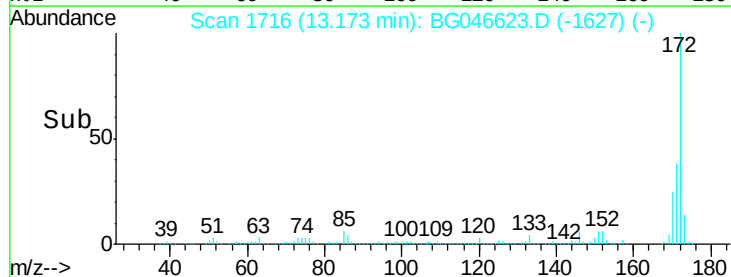
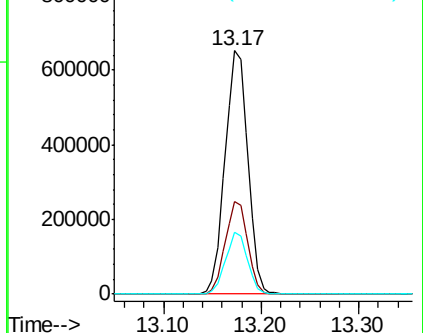
170 25.4 20.3 30.5

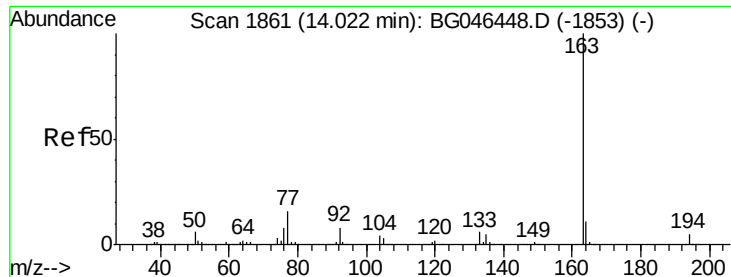


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.766 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

Instrument :

BNA_G

ClientSampled :

FIELD-BLANK

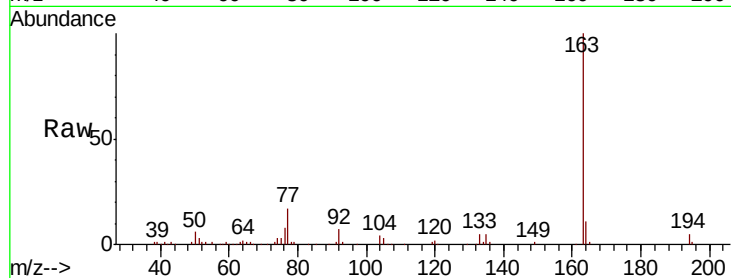
Tot Ion:163 Resp: 126959

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

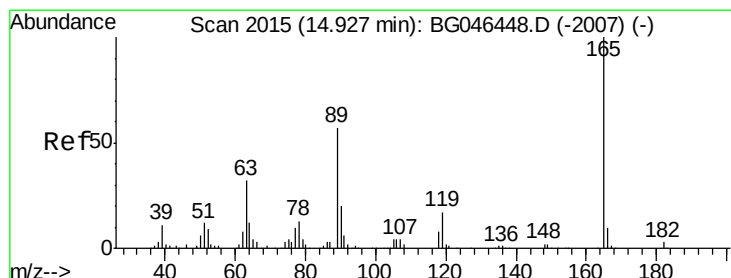
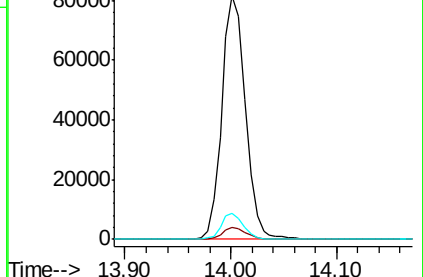
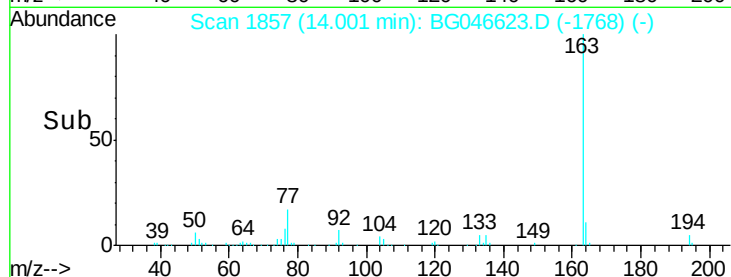
164 10.7 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 5.434 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

Tgt Ion:165 Resp: 24739

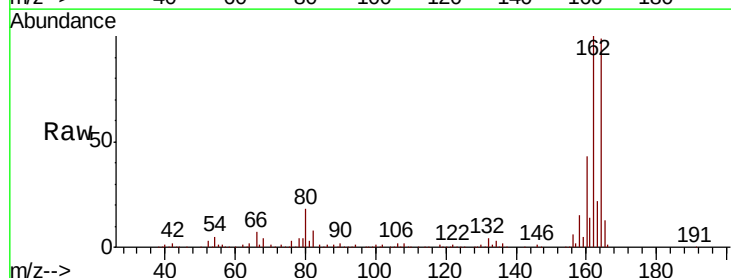
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 1.2 45.9 68.9#

182 0.0 2.3 3.5#

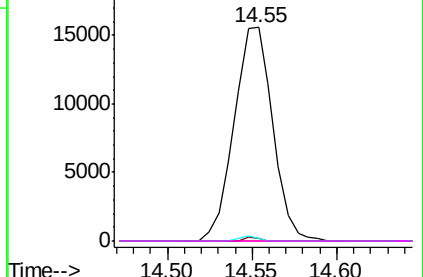
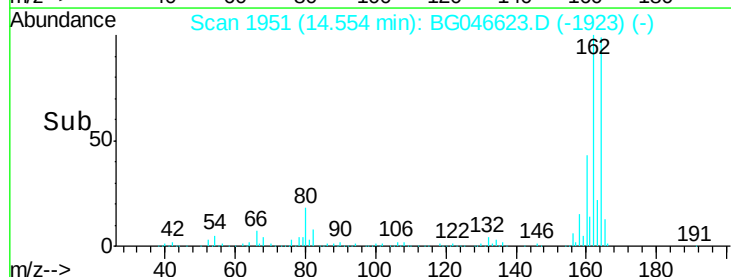


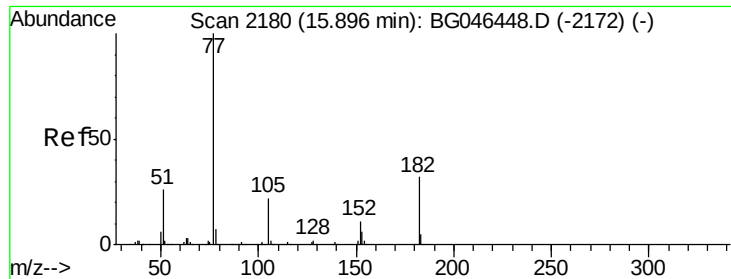
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Azobenzene

Concen: 9.490 ng

RT: 16.38 min Scan# 2261

Delta R.T. 0.49 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

Tot Ion: 77 Resp: 109010

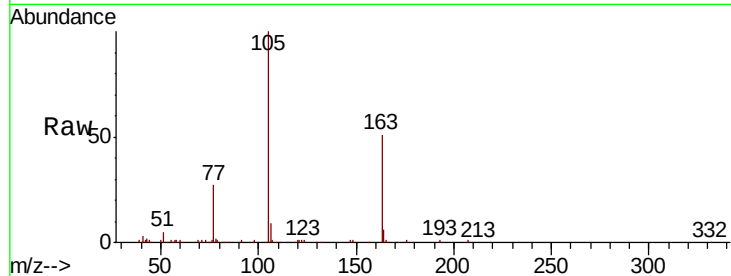
Ion Ratio Lower Upper

77 100

182 0.0 12.3 52.3#

105 374.9 2.3 42.3#

51 17.8 6.5 46.5

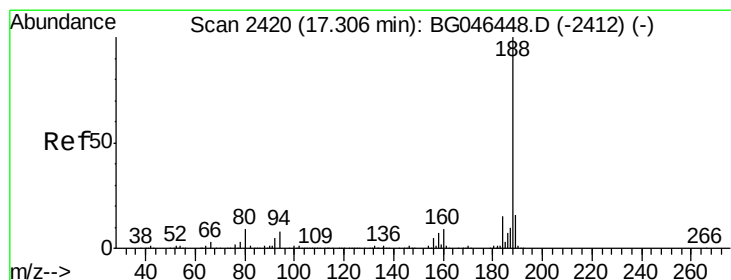
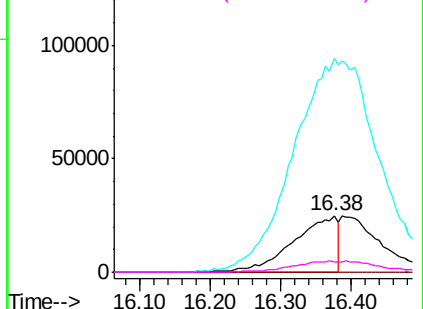
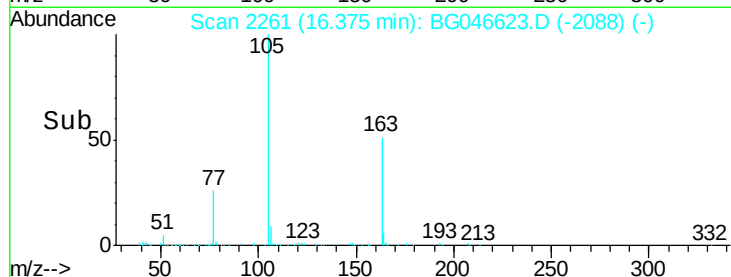


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

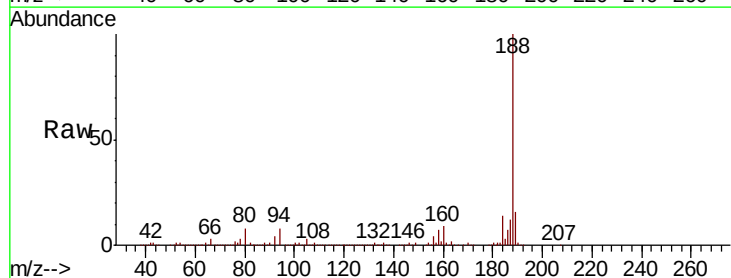
Tgt Ion: 188 Resp: 425821

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

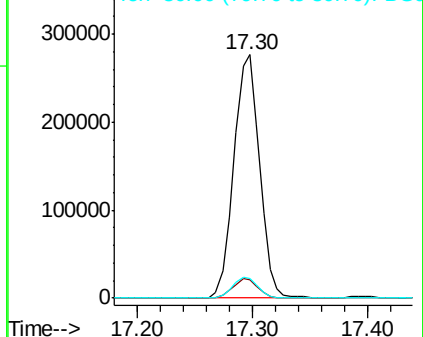
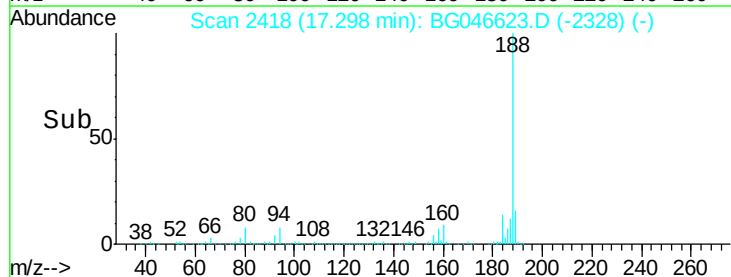
80 8.3 6.9 10.3

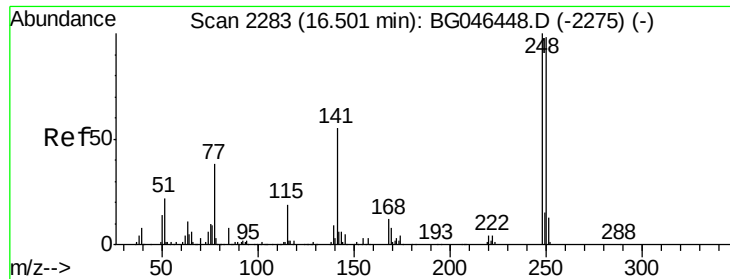


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

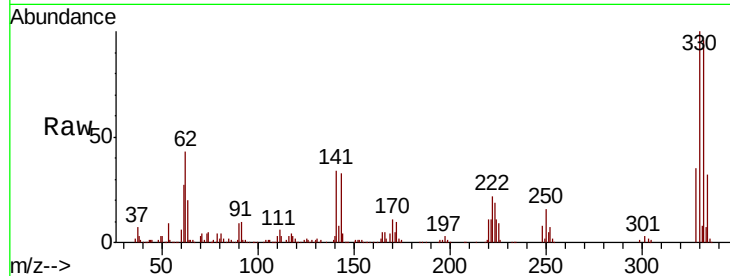




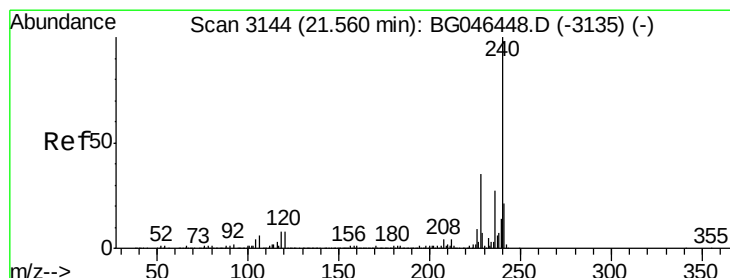
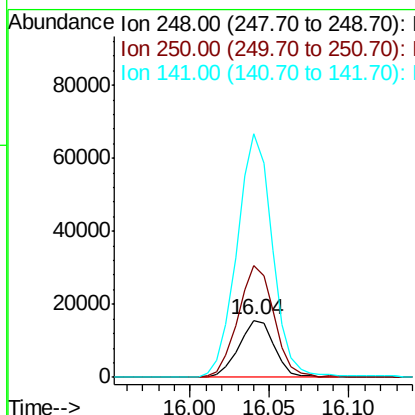
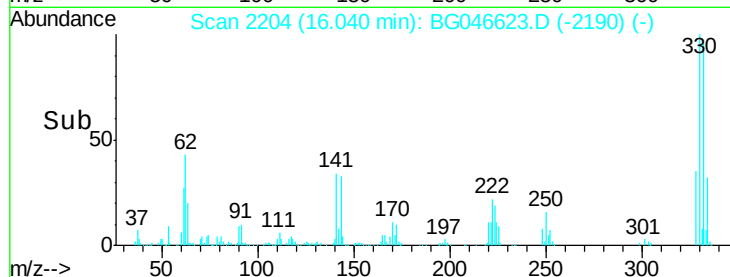
#67
 4-Bromophenyl-phenylether
 Concen: 4.847 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG046623.D
 Acq: 15 Sep 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:248 Resp: 24080
 Ion Ratio Lower Upper
 248 100
 250 196.0 78.6 118.0#
 141 425.6 43.9 65.9#

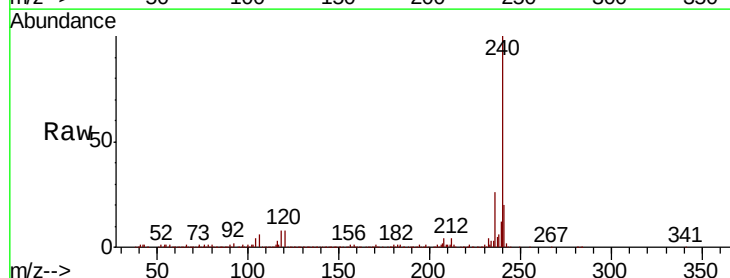


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

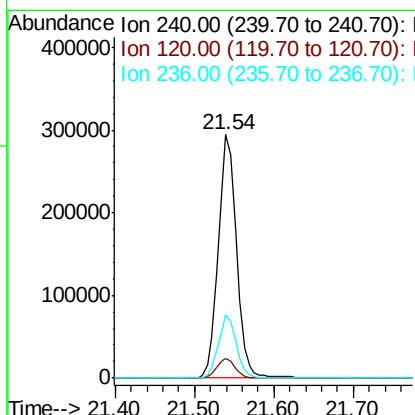
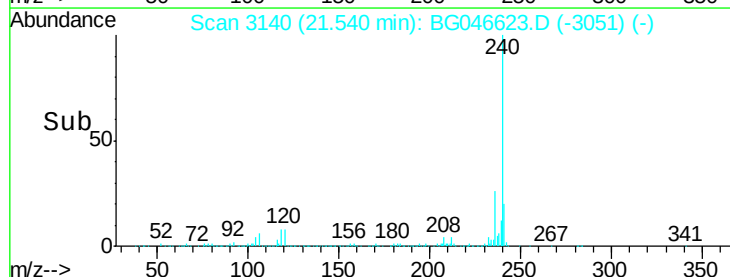


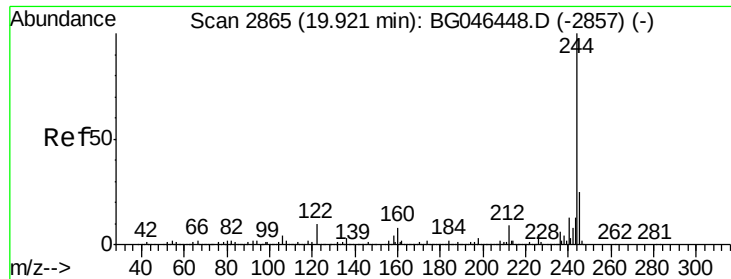
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG046623.D
 Acq: 15 Sep 2020 14:07

Tgt Ion:240 Resp: 472005
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.6 10.0
 236 26.2 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





#79

Terphenyl-d14

Concen: 76.320 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

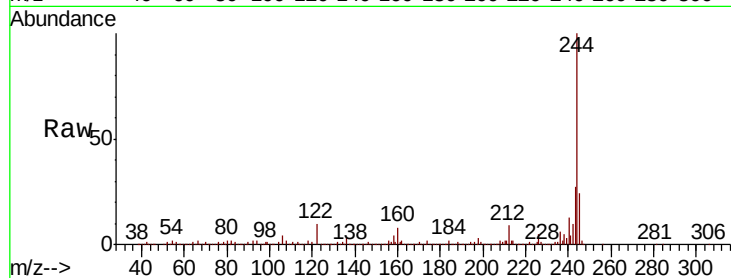
Tot Ion:244 Resp: 1692682

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

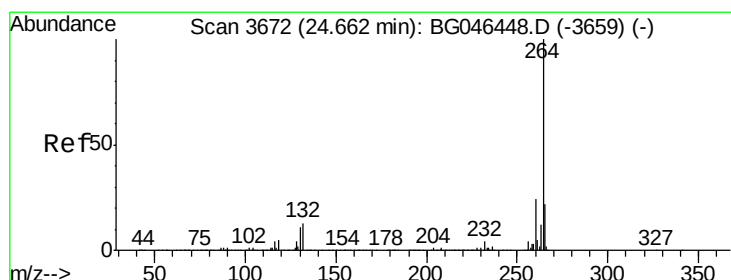
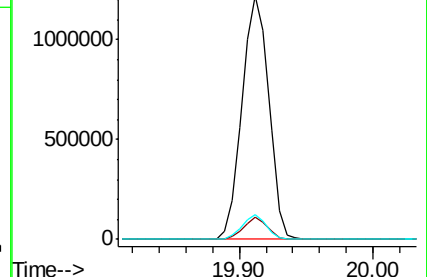
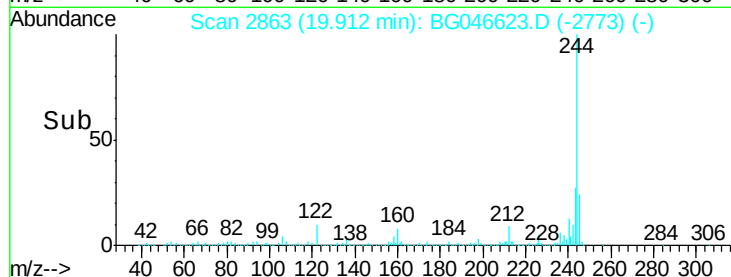
122 10.1 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG046623.D

Acq: 15 Sep 2020 14:07

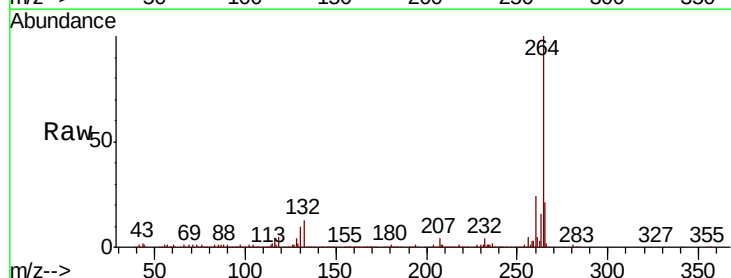
Tgt Ion:264 Resp: 470346

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.1 17.9 26.9



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

