

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045805.D
 Acq On : 18 Jun 2020 23:02
 Operator : CG/JU
 Sample : L3046-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISS-B-C

Quant Time: Jun 19 03:34:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

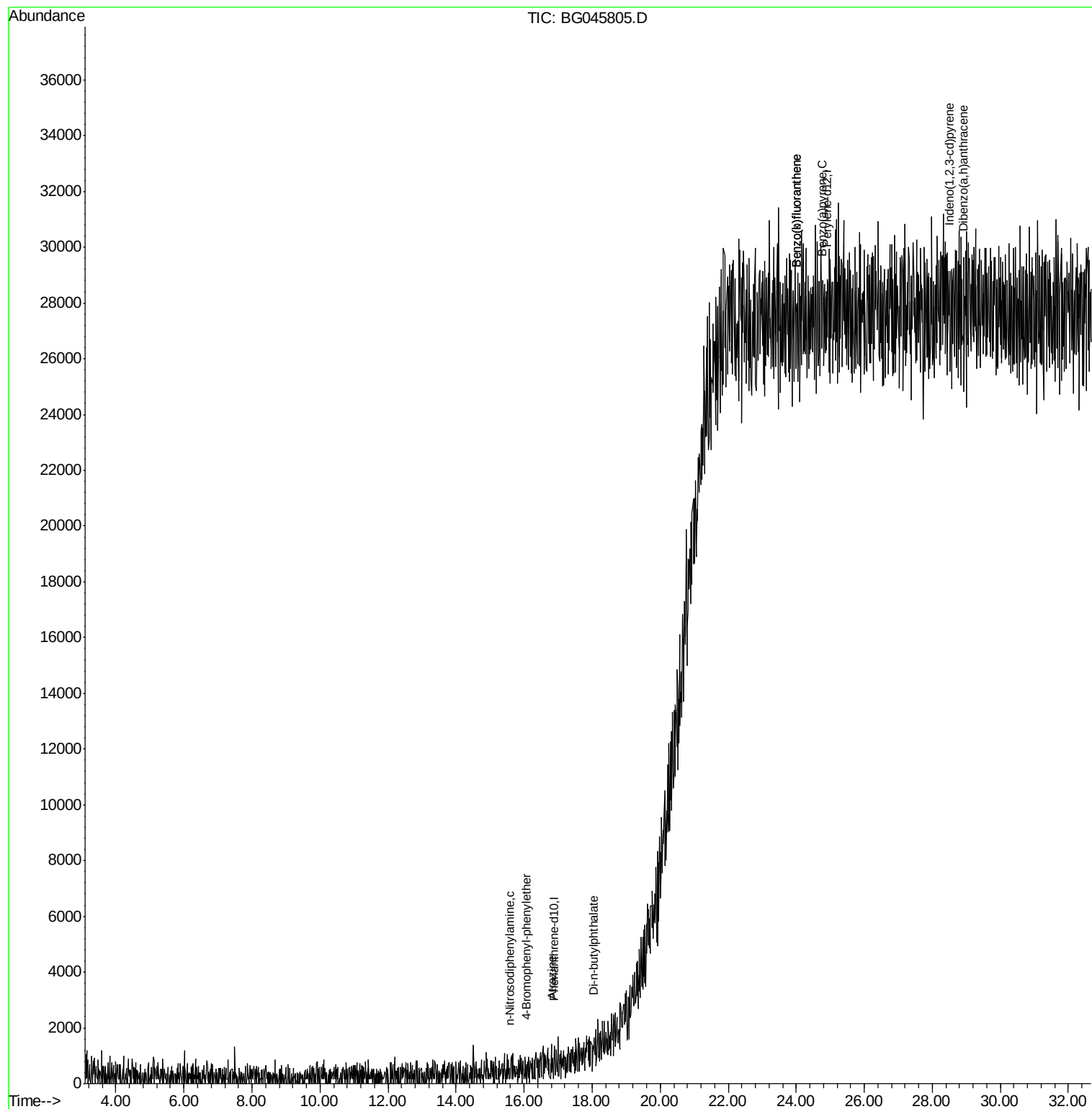
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.92
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.72
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.57
64) Phenanthrene-d10	16.88	188	53	20.00	ng	-0.44
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.58
86) Perylene-d12	24.91	264	55	20.00	ng	0.21
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.08	82	64	0.00	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	19.96	244	63	0.00	ng	0.02
Target Compounds						
66) n-Nitrosodiphenylamine	15.58	169	59	39.302	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	54	78.413	ng	# 7
69) Atrazine	16.82	200	63	108.151	ng	# 36
74) Di-n-butylphthalate	18.04	149	55	17.923	ng	# 77
87) Indeno(1,2,3-cd)pyrene	28.51	276	61	15.299	ng	# 56
88) Benzo(b)fluoranthene	23.99	252	55	15.949	ng	# 60
89) Benzo(k)fluoranthene	23.99	252	55	16.664	ng	# 61
90) Benzo(a)pyrene	24.77	252	74	22.972	ng	# 2
91) Dibenzo(a,h)anthracene	28.91	278	56	17.514	ng	# 57

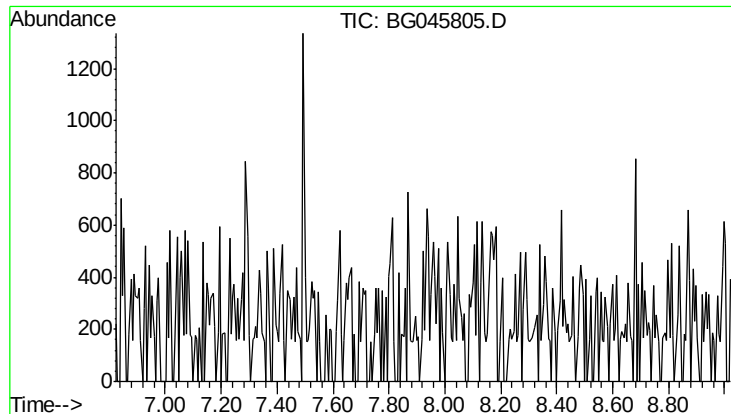
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 7.92 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

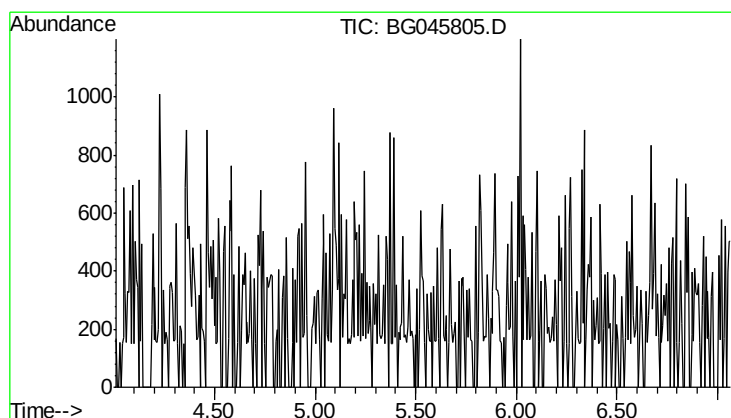
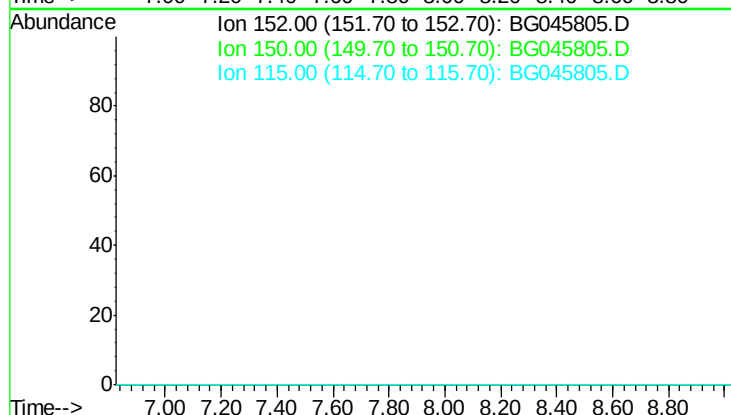
Tot Ion: 152

Sig Exp Ratio

152 100

150 141.4

115 54.7



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.54 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

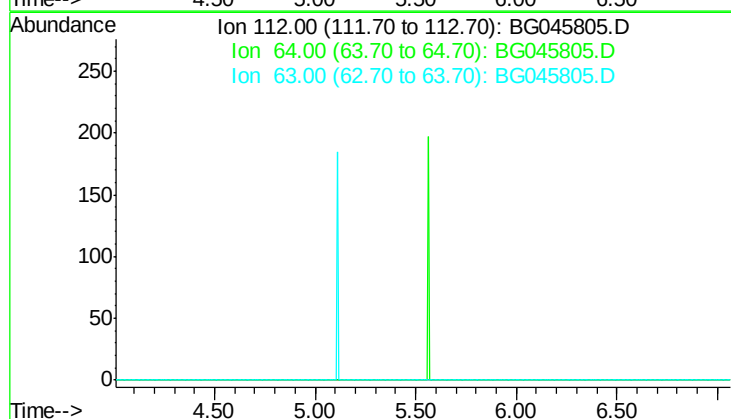
Tgt Ion: 112

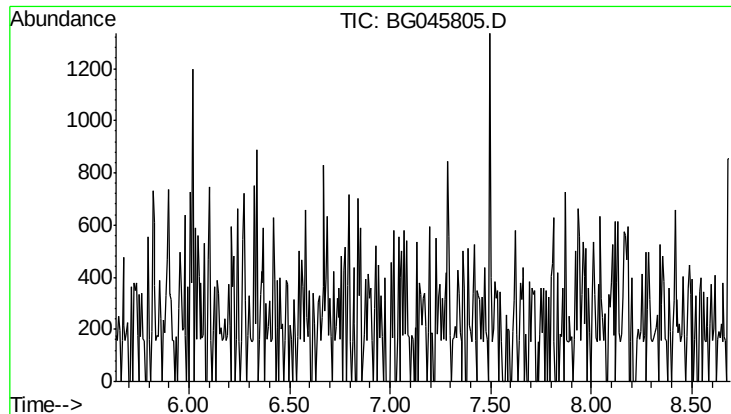
Sig Exp Ratio

112 100

64 58.2

63 32.9





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.16 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

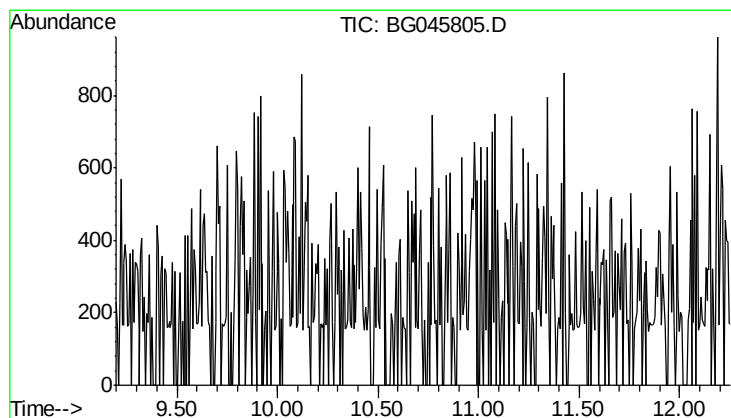
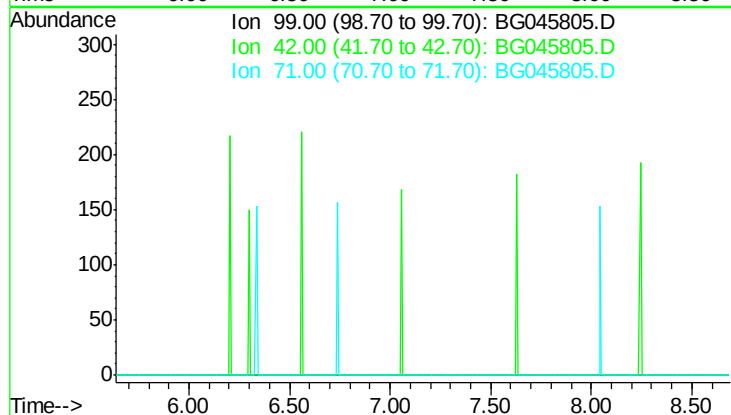
Tot Ion: 99

Sig Exp Ratio

99 100

42 15.5

71 40.1



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Tgt Ion: 136

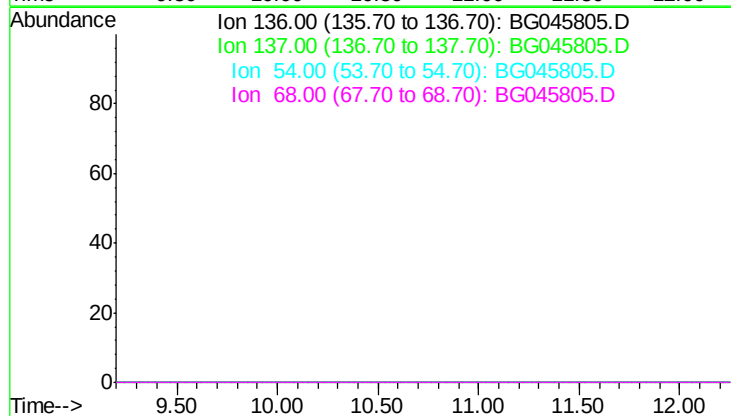
Sig Exp Ratio

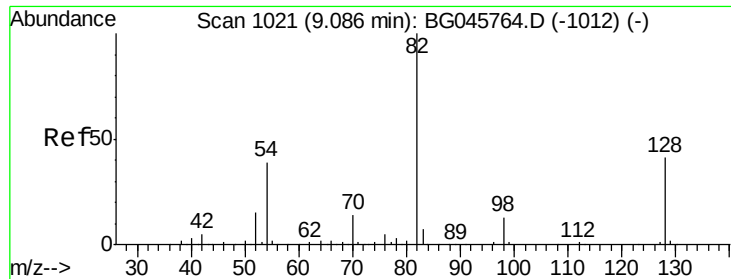
136 100

137 10.9

54 7.2

68 5.0

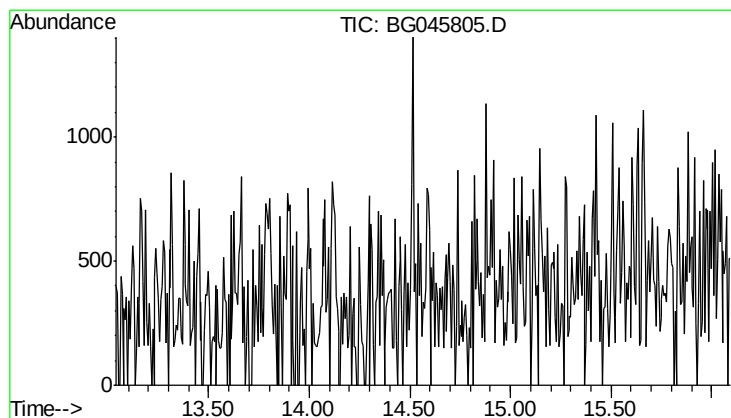
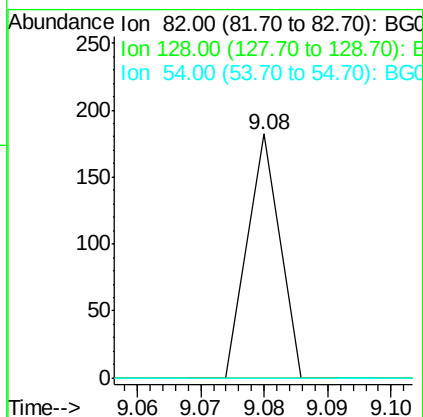
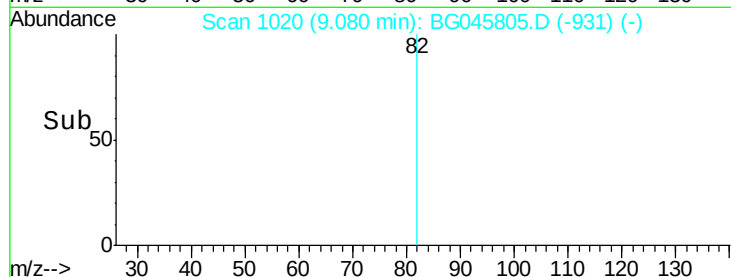
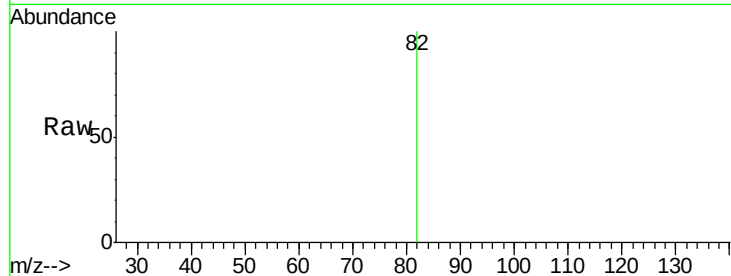




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045805.D
 Acq: 18 Jun 2020 23:02

Instrument :
 BNA_G
 ClientSampleId :
 ISS-B-C

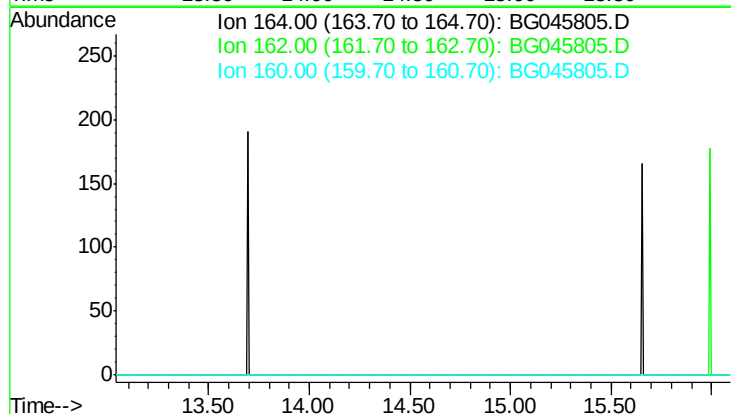
Tot Ion	Ion	Ratio	Lower	Upper
82	82	100		
128	128	0.0	32.5	48.7#
54	54	0.0	31.2	46.8#

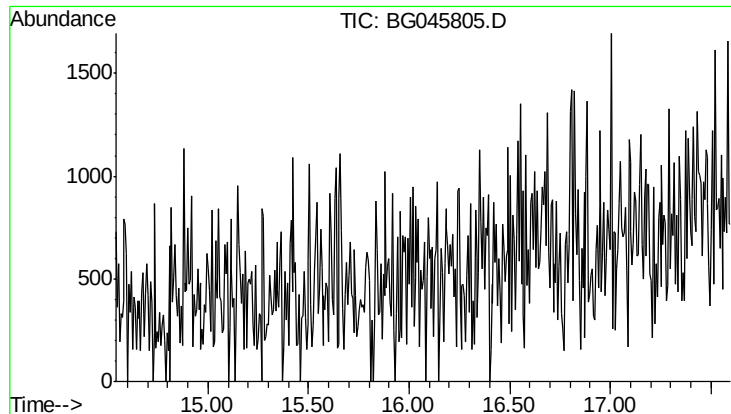


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.57 min

Lab File: BG045805.D
 Acq: 18 Jun 2020 23:02

Tgt Ion	Sig	Exp Ratio
164	164	100
162	162	96.7
160	160	41.6

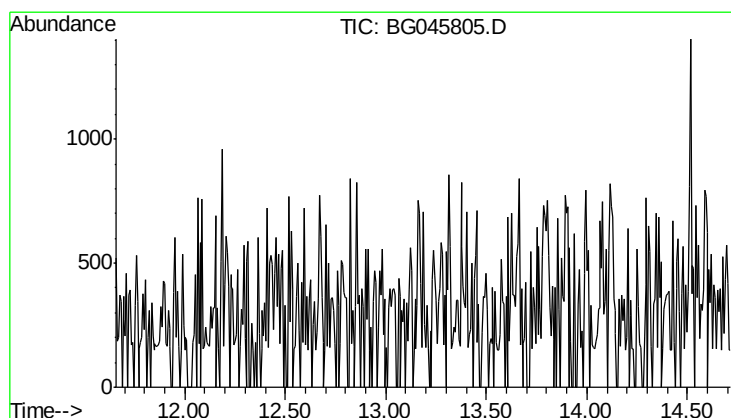
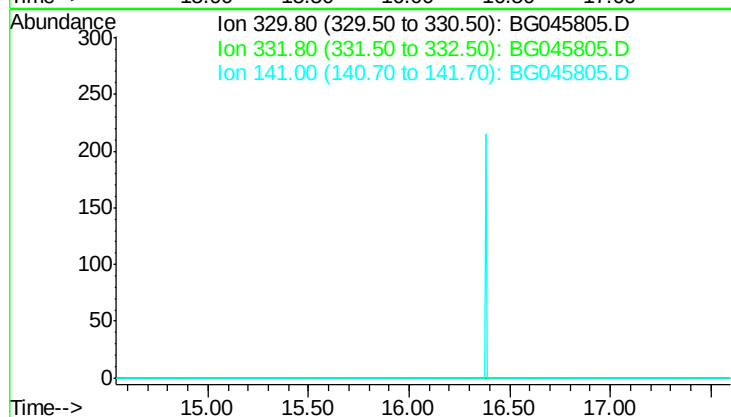




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.07 min
 Lab File: BG045805.D
 Acq: 18 Jun 2020 23:02

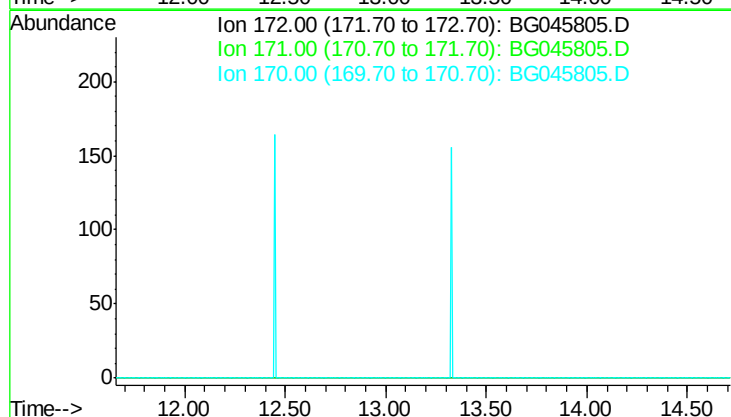
Instrument :
 BNA_G
 ClientSampleId :
 ISS-B-C

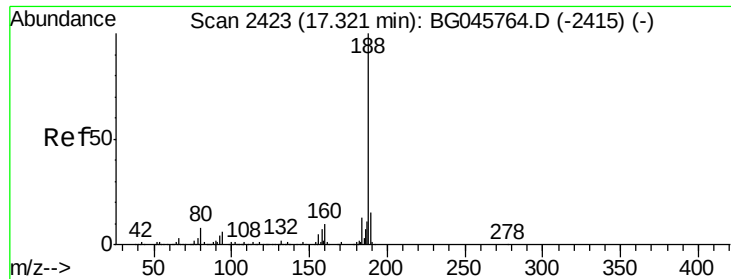
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 35.3



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.19 min
 Lab File: BG045805.D
 Acq: 18 Jun 2020 23:02

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.4
 170 24.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.44 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

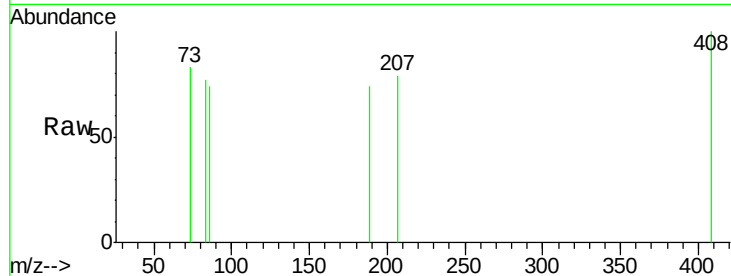
Tot Ion:188 Resp: 53

Ion Ratio Lower Upper

188 100

94 0.0 5.1 7.7#

80 0.0 6.2 9.4#



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

16.88

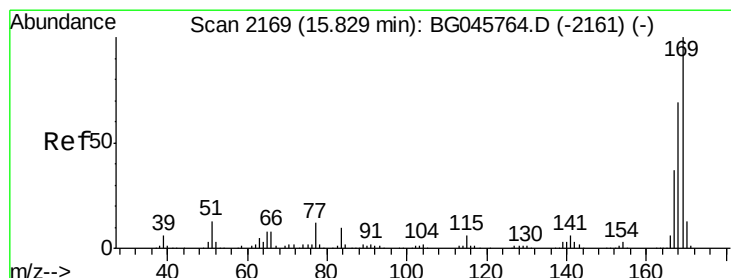
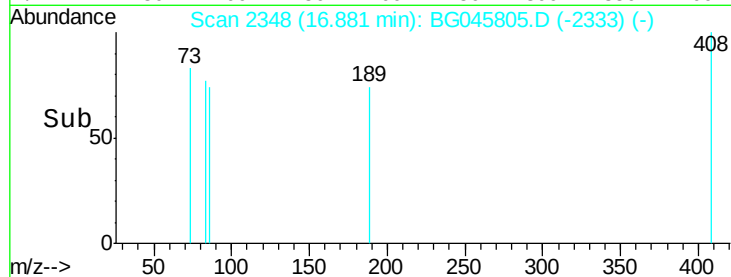
150

100

50

0

Time--> 16.86 16.88 16.90



#66

n-Nitrosodiphenylamine

Concen: 39.302 ng

RT: 15.58 min Scan# 2127

Delta R.T. -0.25 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

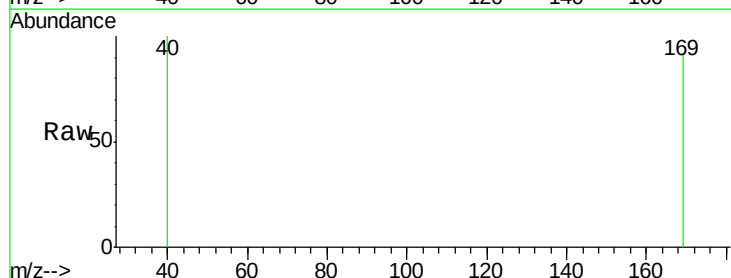
Tgt Ion:169 Resp: 59

Ion Ratio Lower Upper

169 100

168 0.0 55.2 82.8#

167 0.0 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.58

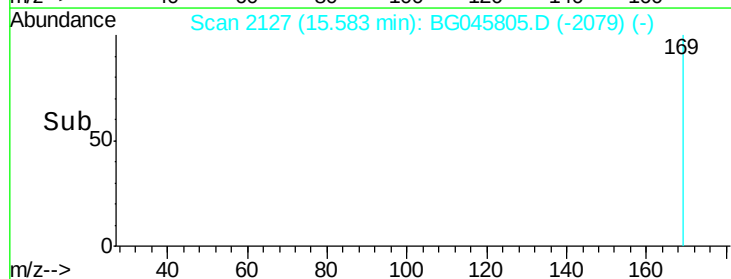
150

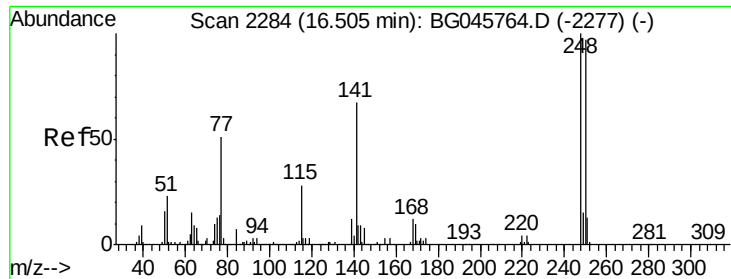
100

50

0

Time--> 15.56 15.58 15.60

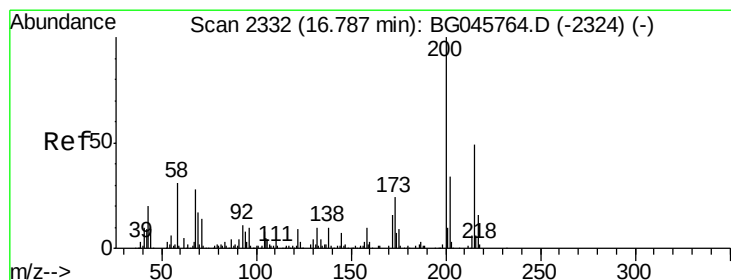
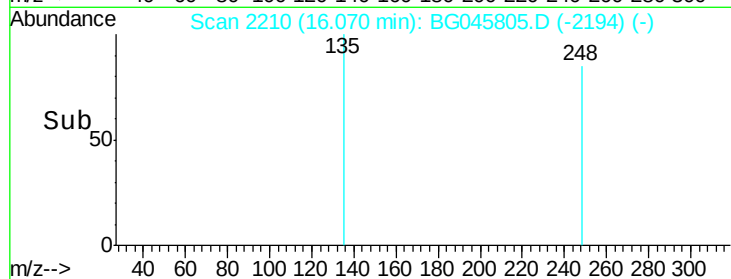
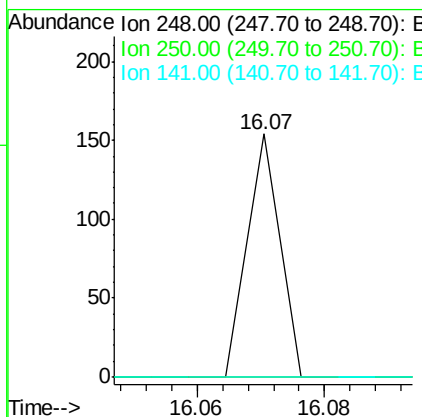
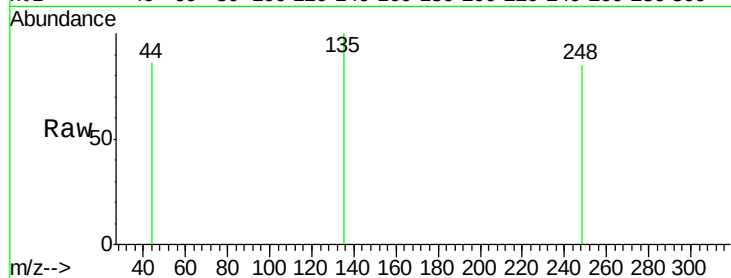




#67
 4-Bromophenyl-phenylether
 Concen: 78.413 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.43 min
 Lab File: BG045805.D
 Acq: 18 Jun 2020 23:02

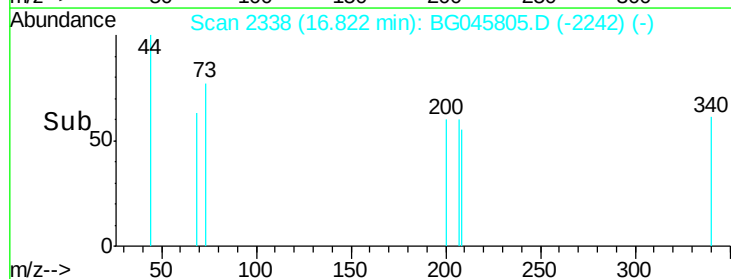
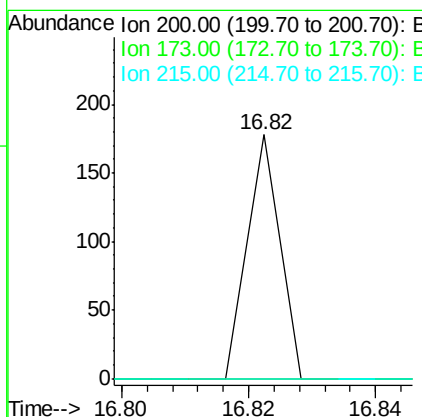
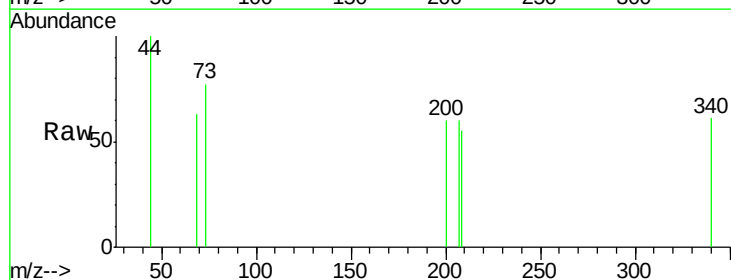
Instrument :
 BNA_G
 ClientSampleId :
 ISS-B-C

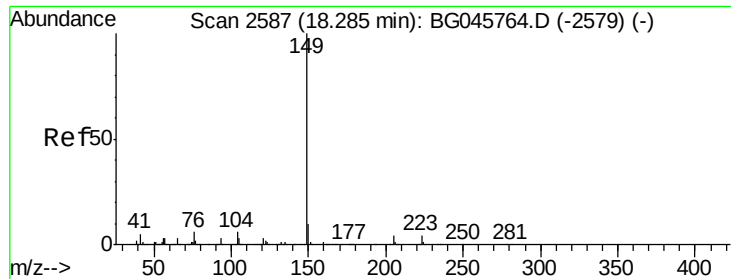
Tot Ion:	248	Resp:	54
Ion	Ratio	Lower	Upper
248	100		
250	0.0	78.0	117.0#
141	0.0	53.9	80.9#



#69
 Atrazine
 Concen: 108.151 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. 0.04 min
 Lab File: BG045805.D
 Acq: 18 Jun 2020 23:02

Tgt Ion:	200	Resp:	63
Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.9	43.9#
215	0.0	28.8	68.8#





#74

Di-n-butylphthalate

Concen: 17.923 ng

RT: 18.04 min Scan# 2545

Delta R.T. -0.25 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

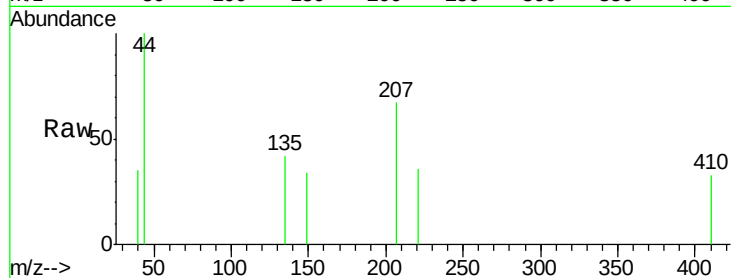
Tot Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 5.1 7.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.04

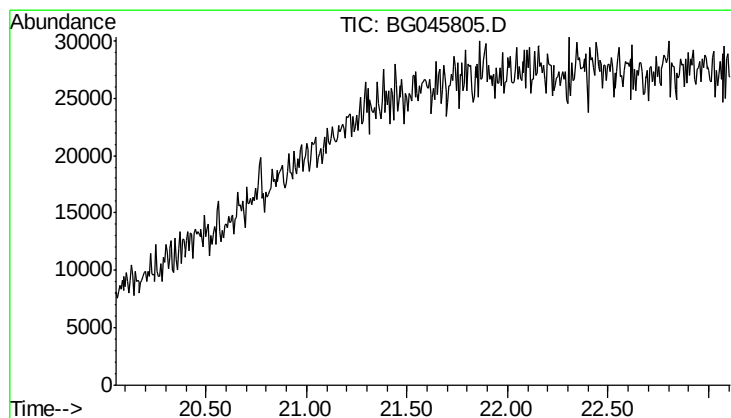
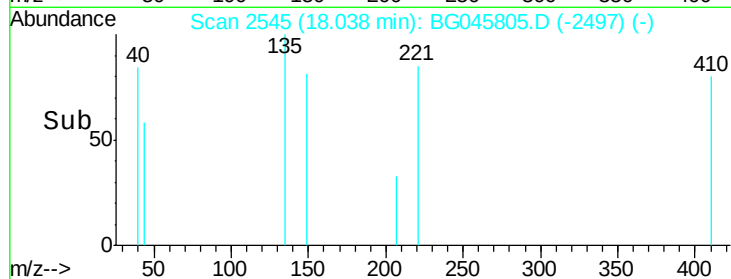
150

100

50

0

Time-->



#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 21.58 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

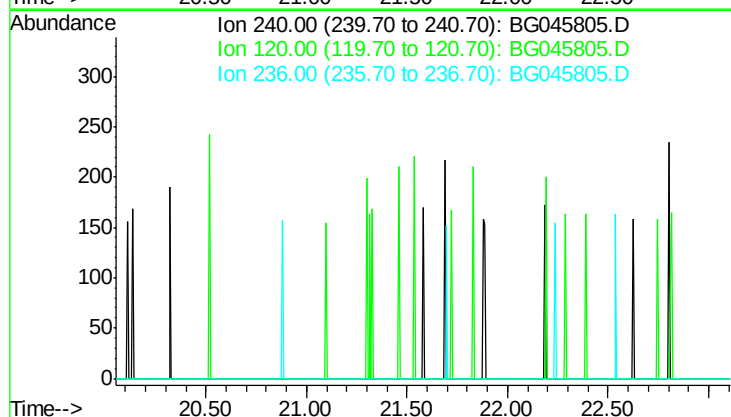
Tgt Ion: 240

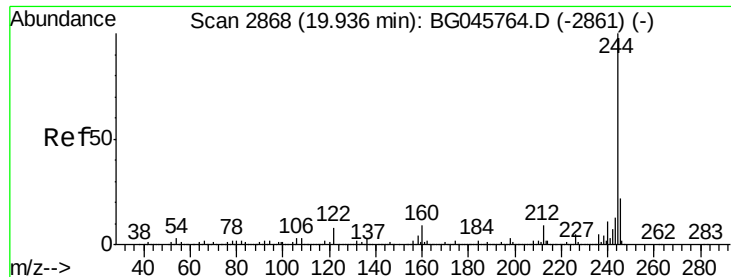
Sig Exp Ratio

240 100

120 6.2

236 25.7





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.02 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

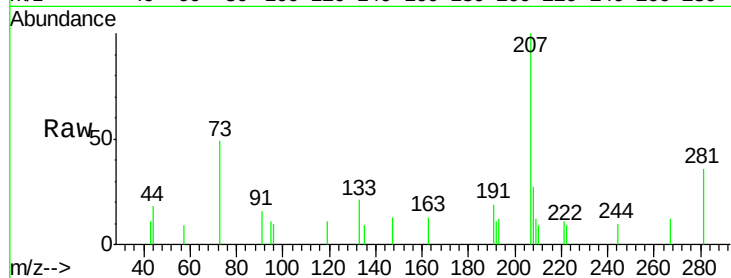
Tot Ion:244 Resp: 63

Ion Ratio Lower Upper

244 100

212 0.0 7.2 10.8#

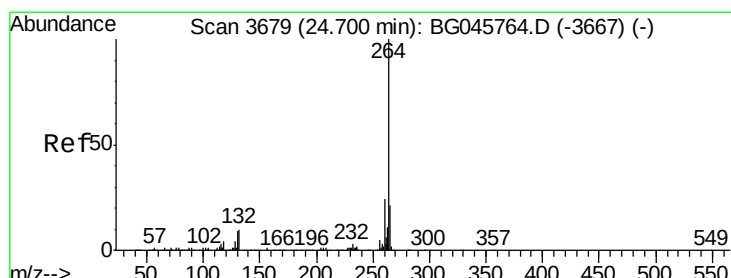
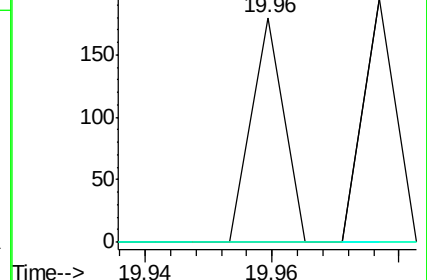
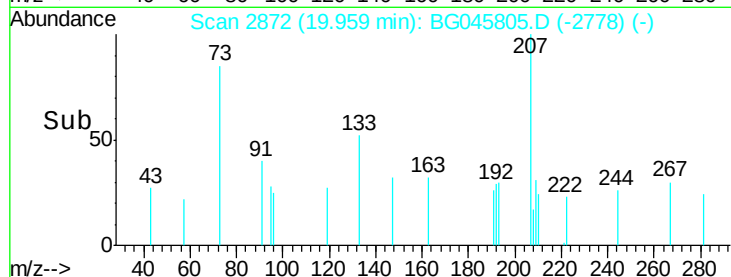
122 0.0 6.4 9.6#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.21 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

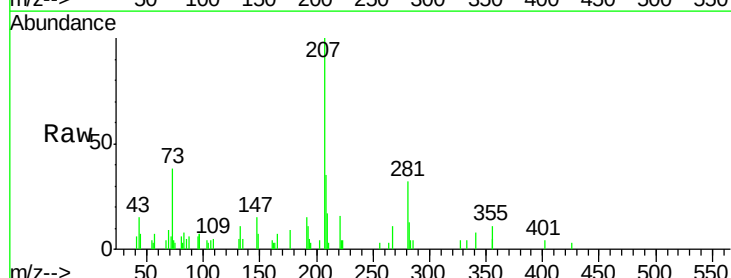
Tgt Ion:264 Resp: 55

Ion Ratio Lower Upper

264 100

260 0.0 19.0 28.4#

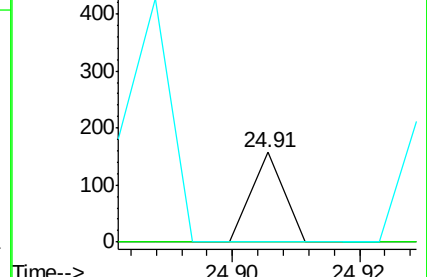
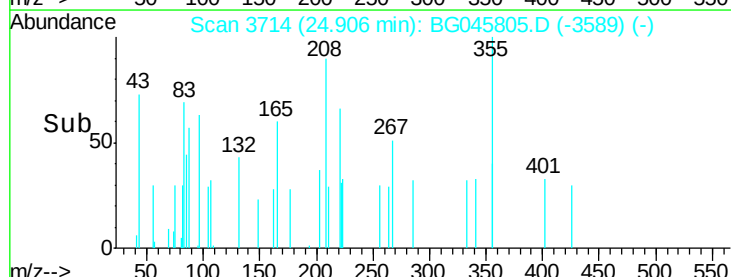
265 0.0 17.4 26.0#

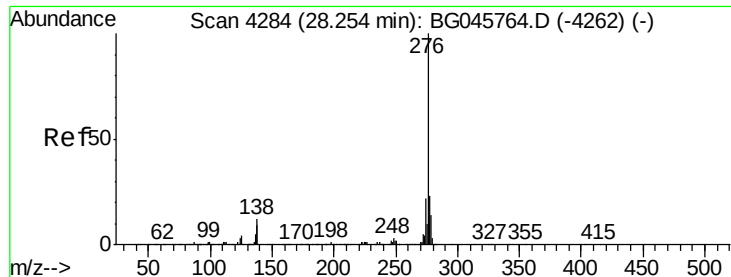


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.299 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.25 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

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BNA_G

ClientSampleId :

ISS-B-C

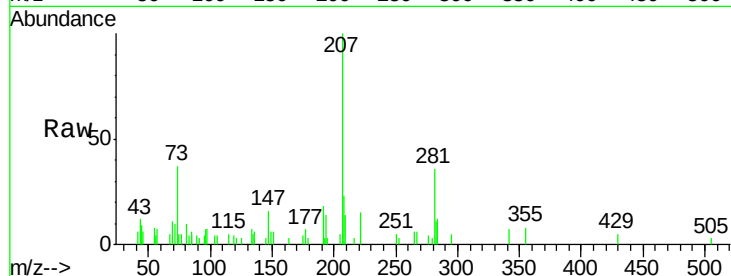
Tot Ion:276 Resp: 61

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0#

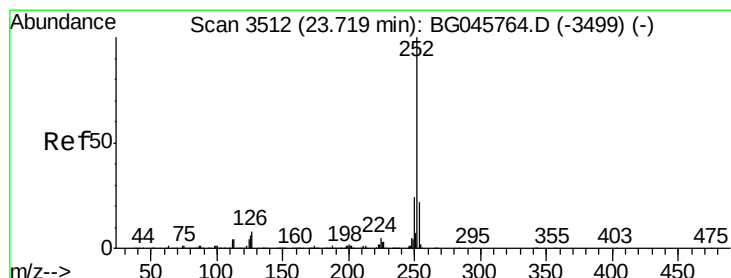
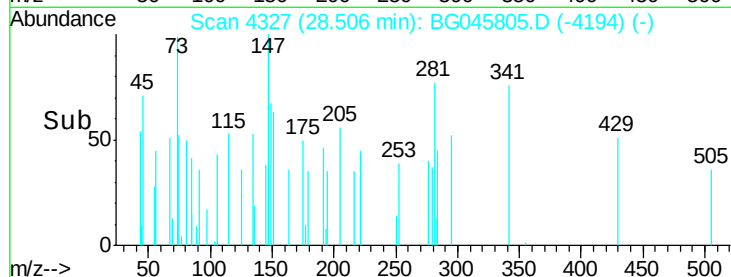
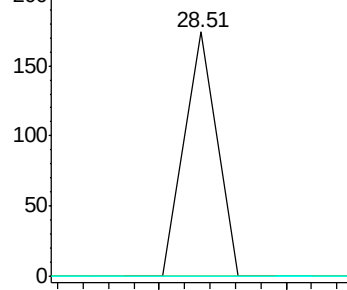
277 0.0 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 15.949 ng

RT: 23.99 min Scan# 3559

Delta R.T. 0.28 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

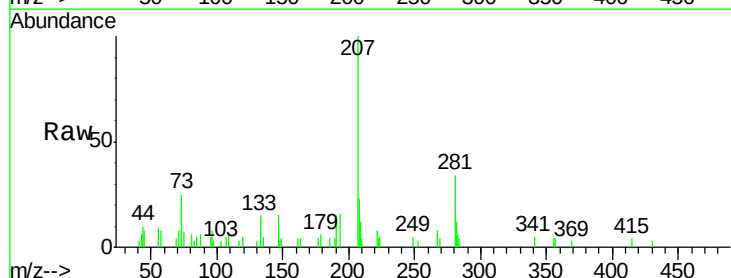
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

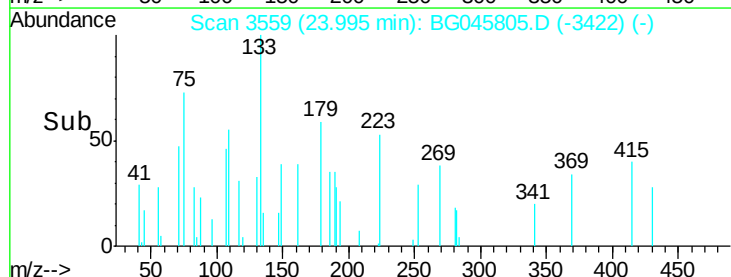
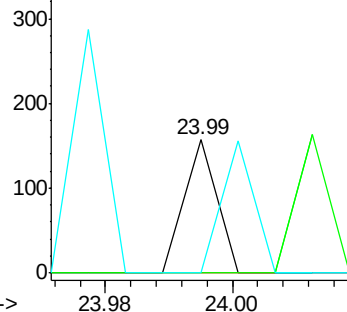
125 0.0 5.0 7.4#

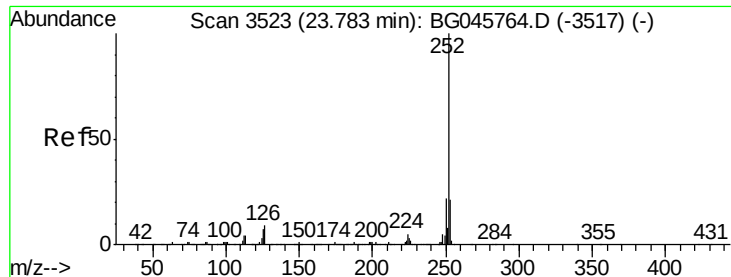


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 16.664 ng

RT: 23.99 min Scan# 3559

Delta R.T. 0.21 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

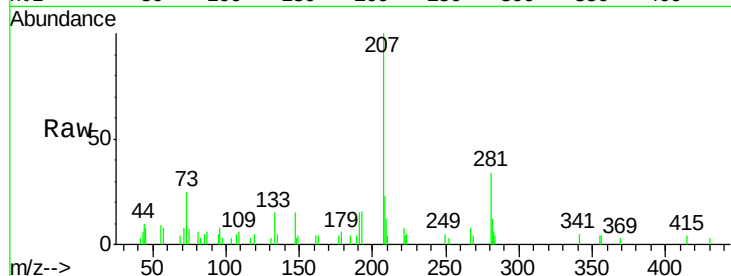
Tot Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

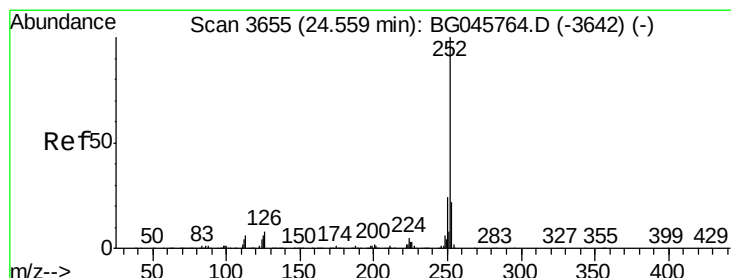
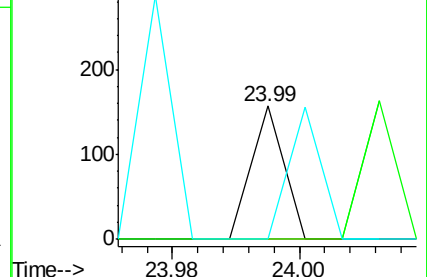
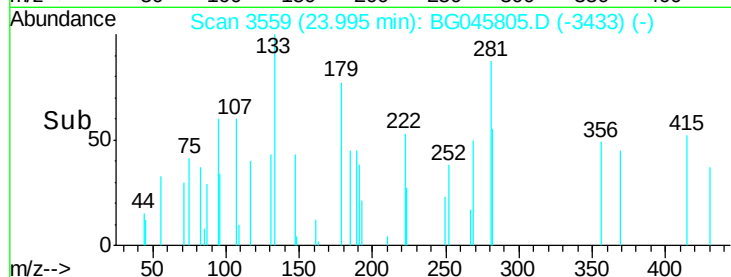
125 0.0 5.2 7.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 22.972 ng

RT: 24.77 min Scan# 3691

Delta R.T. 0.21 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

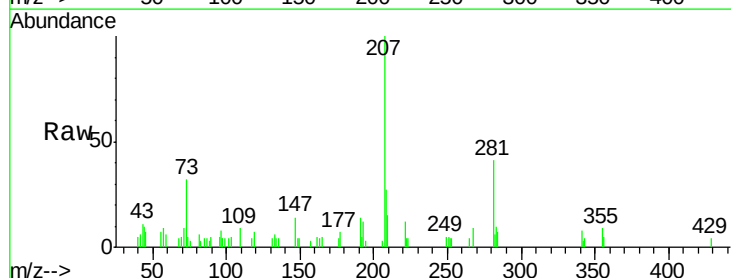
Tgt Ion:252 Resp: 74

Ion Ratio Lower Upper

252 100

253 80.4 18.0 27.0#

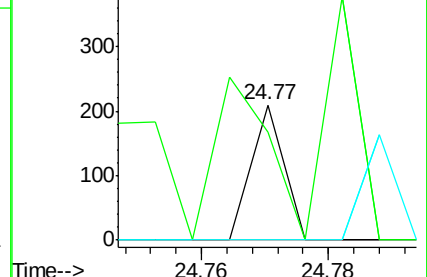
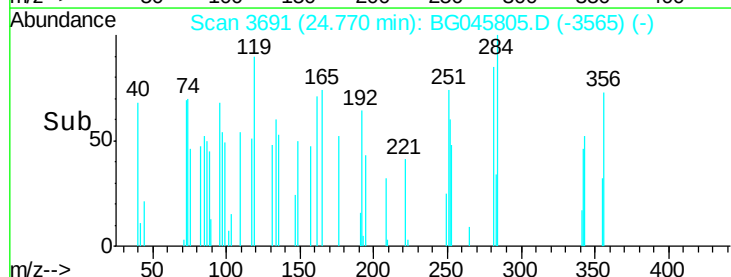
125 0.0 5.0 7.6#

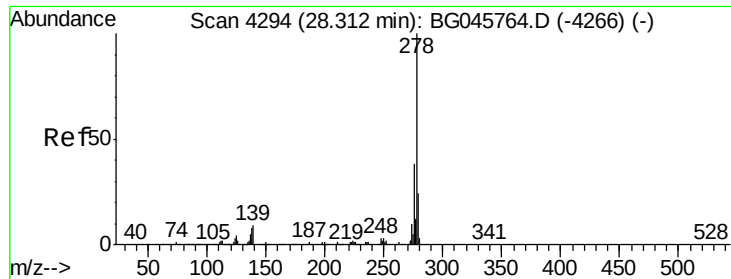


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 17.514 ng

RT: 28.91 min Scan# 4396

Delta R.T. 0.60 min

Lab File: BG045805.D

Acq: 18 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

ISS-B-C

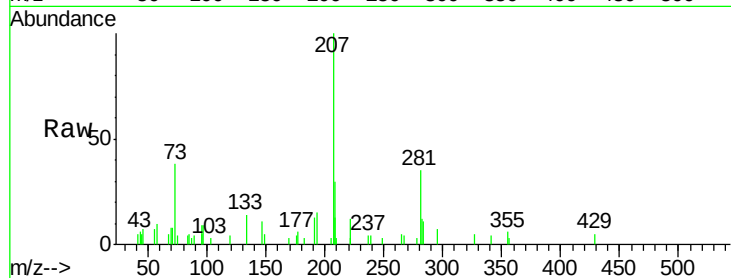
Tot Ion:278 Resp: 56

Ion Ratio Lower Upper

278 100

139 0.0 7.3 10.9#

279 0.0 19.5 29.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

