

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045709.D
 Acq On : 11 Jun 2020 5:23
 Operator : CG/JU
 Sample : L2948-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SONOTUBE

Quant Time: Jun 11 06:01:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

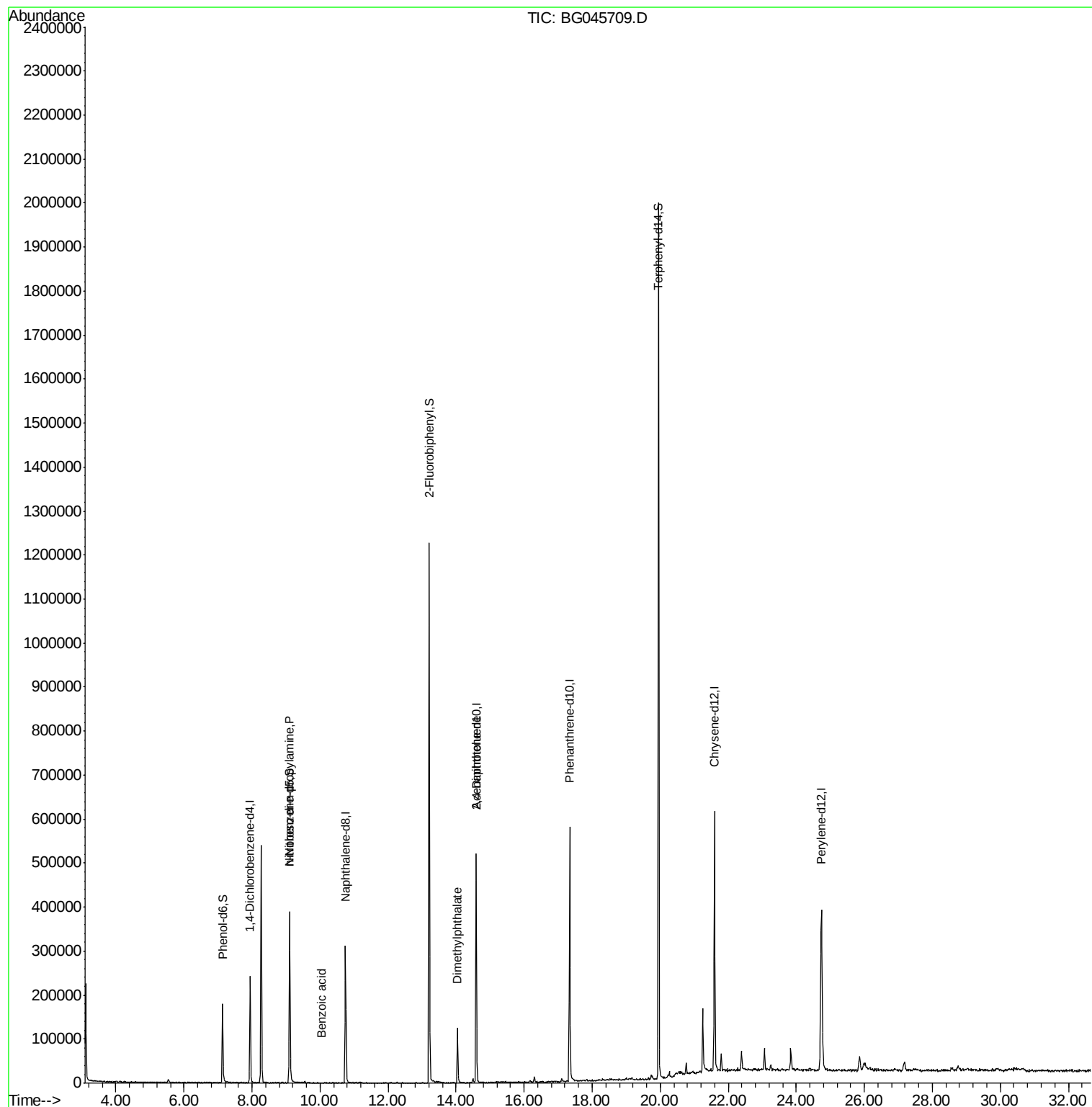
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	70933	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	288619	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	194543	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	411263	20.00	ng	0.00
76) Chrysene-d12	21.59	240	396250	20.00	ng	-0.01
87) Perylene-d12	24.74	264	425558	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4629	1.28	ng	0.00
7) Phenol-d6	7.13	99	126975	24.58	ng	-0.01
23) Nitrobenzene-d5	9.10	82	286995	54.22	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.21	172	677851	59.10	ng	0.00
79) Terphenyl-d14	19.95	244	1029234	60.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	38351	10.736	ng	# 81
32) Benzoic acid	10.04	122	68	10.044	ng	# 1
50) Dimethylphthalate	14.04	163	96101	7.201	ng	97
57) 2,4-Dinitrotoluene	14.59	165	23541	5.398	ng	# 23

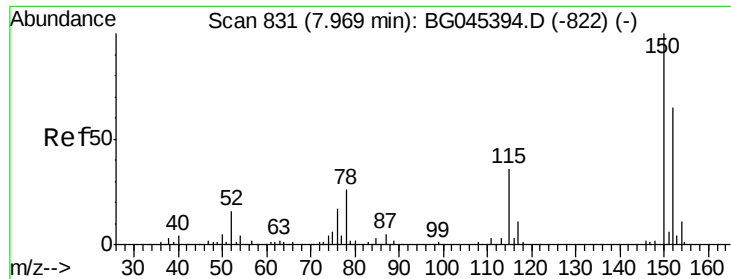
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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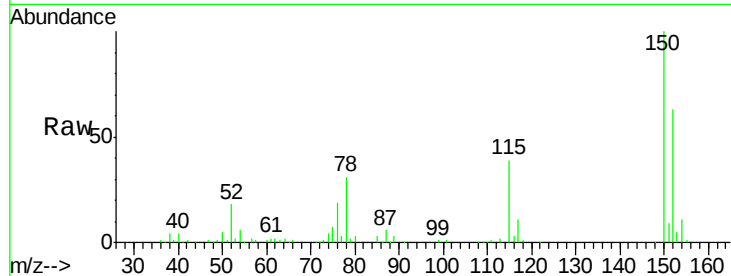




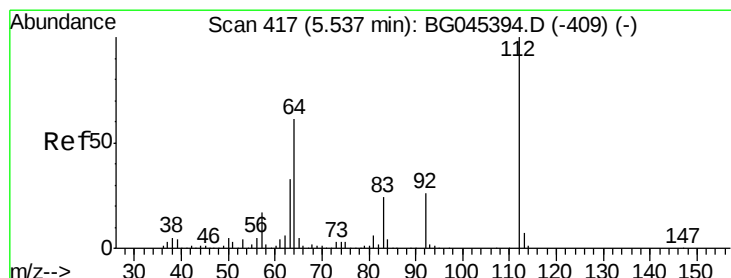
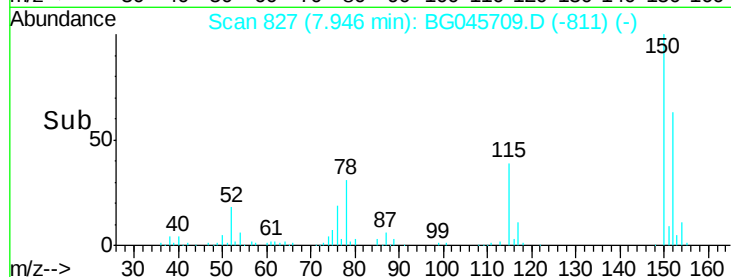
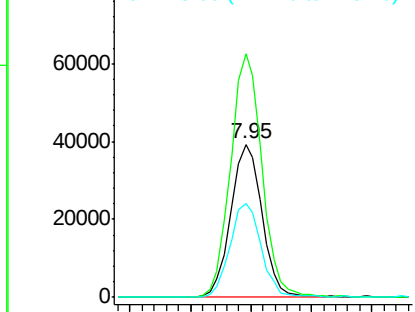
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG045709.D
 Acq: 11 Jun 2020 5:23

Instrument :
 BNA_G
 ClientSampleId :
 SONOTUBE

Tot Ion:152 Resp: 70933
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.4 183.6
 115 61.6 44.2 66.4

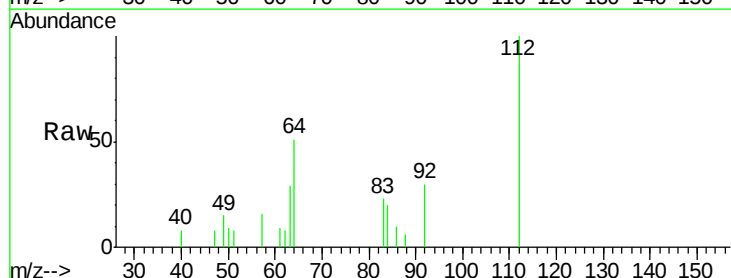


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

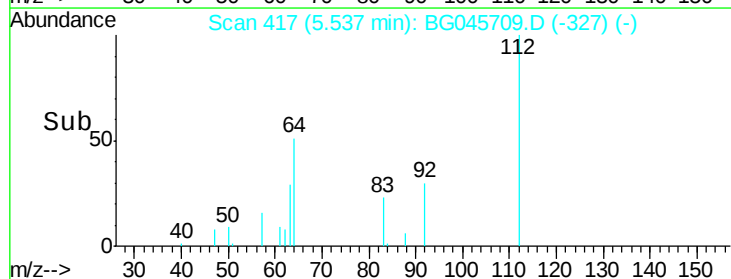
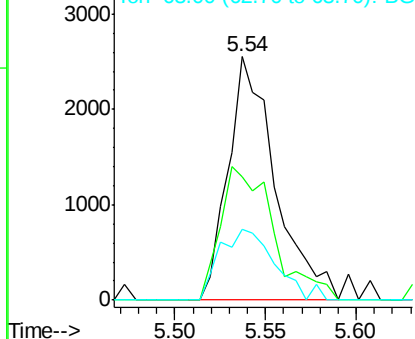


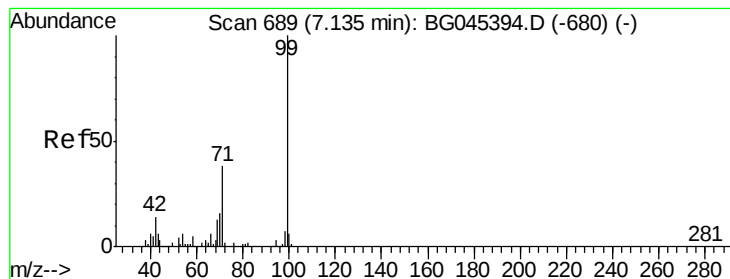
#5
 2-Fluorophenol
 Concen: 1.275 ng
 RT: 5.54 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BG045709.D
 Acq: 11 Jun 2020 5:23

Tgt Ion:112 Resp: 4629
 Ion Ratio Lower Upper
 112 100
 64 50.5 48.6 72.8
 63 28.9 26.5 39.7



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: 24.579 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA_G

ClientSampleId :

SONOTUBE

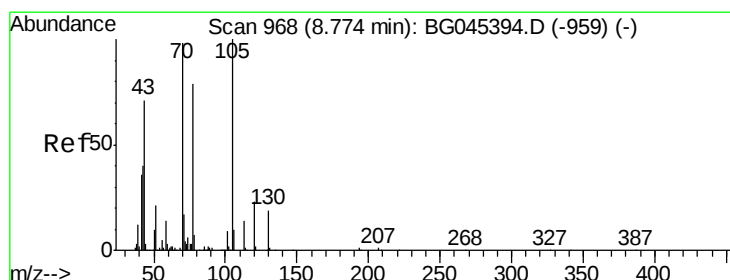
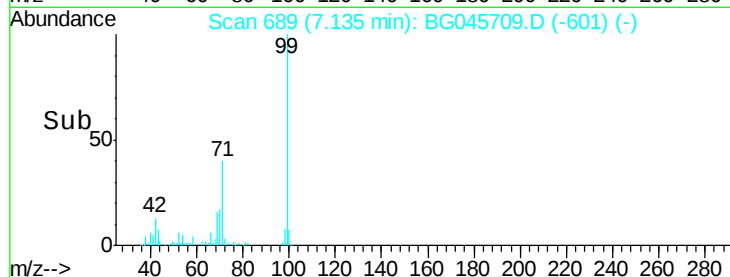
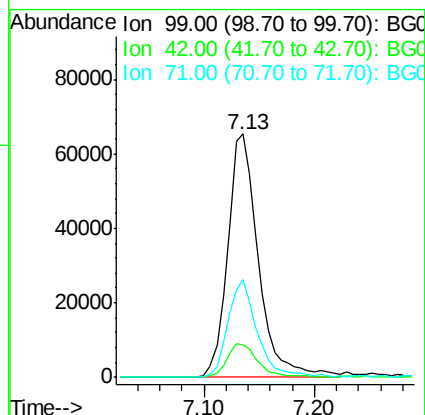
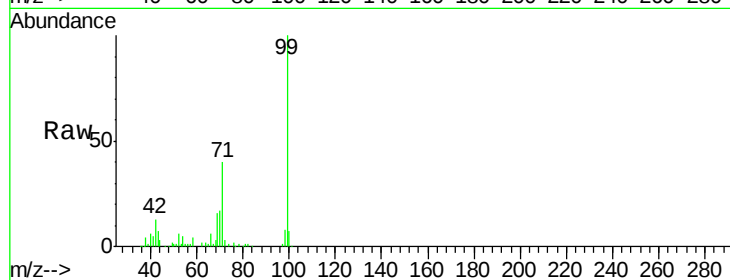
Tot Ion: 99 Resp: 126975

Ion Ratio Lower Upper

99 100

42 13.1 11.3 16.9

71 40.4 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.736 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Tgt Ion: 70 Resp: 38351

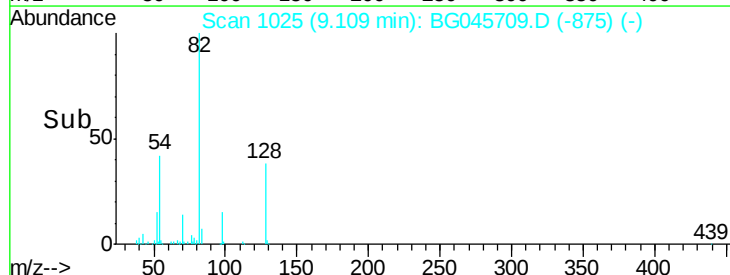
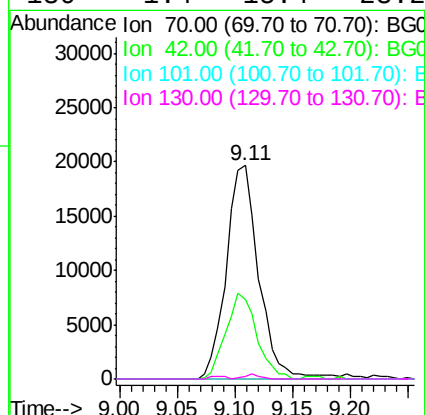
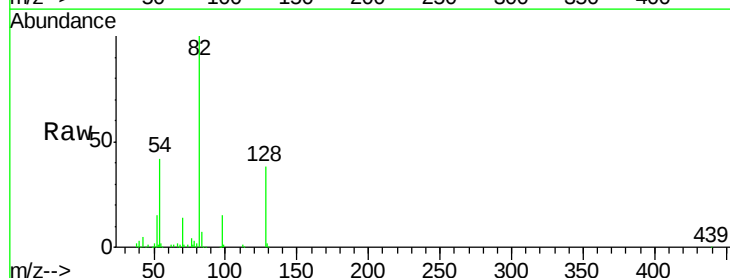
Ion Ratio Lower Upper

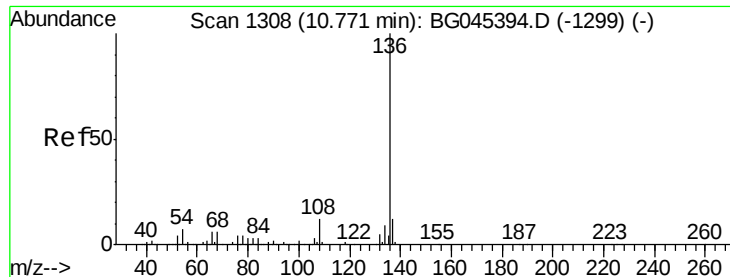
70 100

42 37.1 33.2 49.8

101 0.0 7.8 11.6#

130 1.4 15.4 23.2#

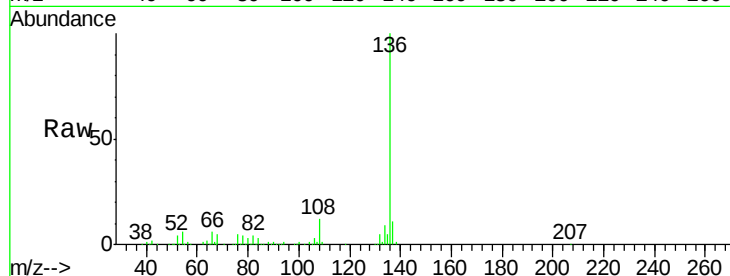




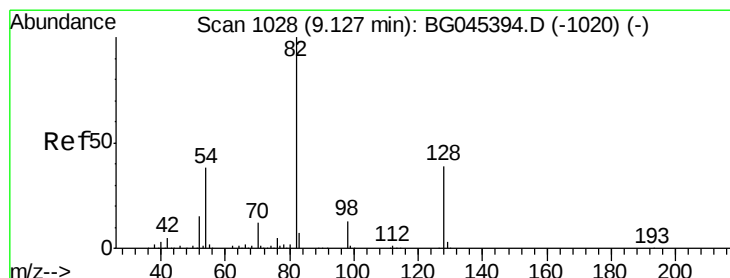
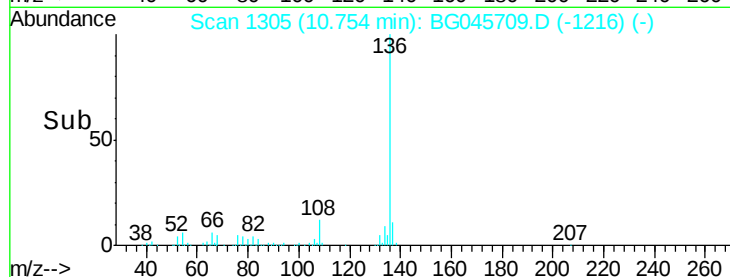
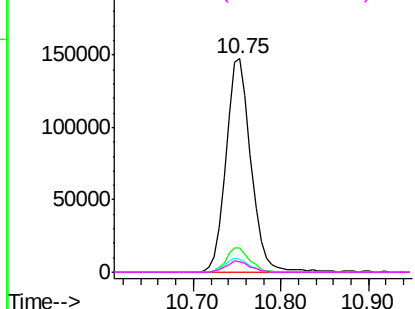
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045709.D
Acq: 11 Jun 2020 5:23

Instrument :
BNA_G
ClientSampleId :
SONOTUBE

Tot Ion:136	Resp:	288619
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.4	14.2
54 6.2	5.8	8.6
68 4.9	4.5	6.7

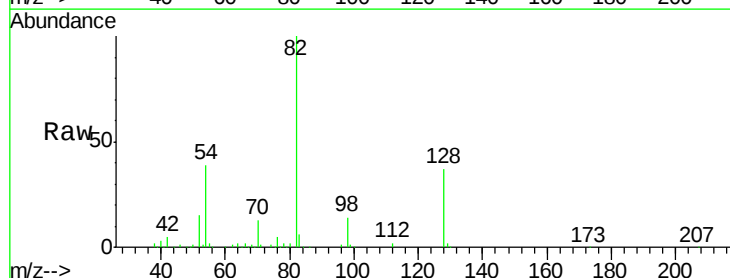


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

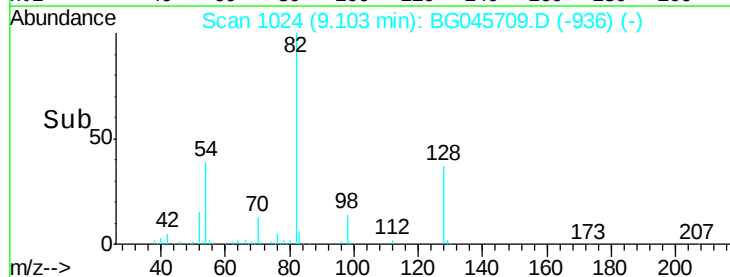
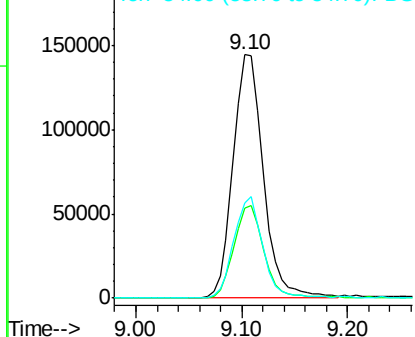


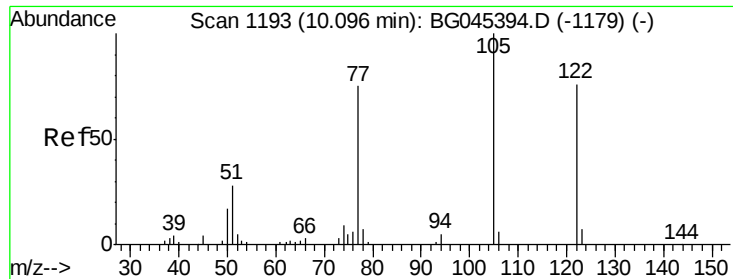
#23
Nitrobenzene-d5
Concen: 54.225 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045709.D
Acq: 11 Jun 2020 5:23

Tgt	Ion: 82	Resp:	286995
Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.9	46.3
54	39.1	30.3	45.5



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





#32

Benzoic acid

Concen: 10.044 ng

RT: 10.04 min Scan# 1184

Delta R.T. -0.08 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA_G

ClientSampleId :

SONOTUBE

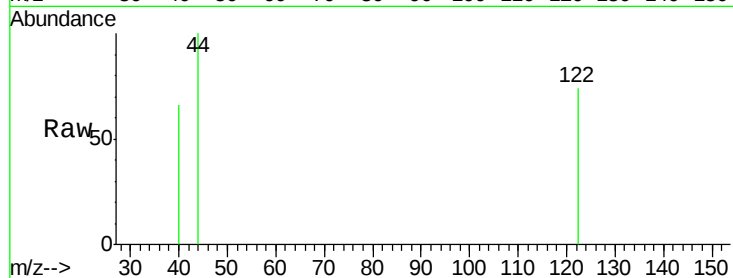
Tot Ion:122 Resp: 68

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

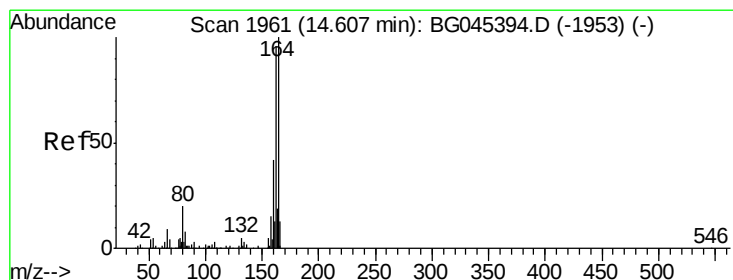
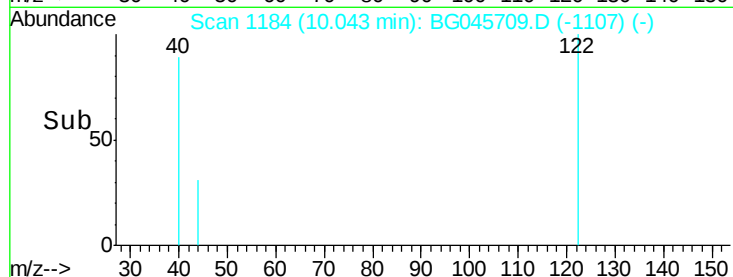
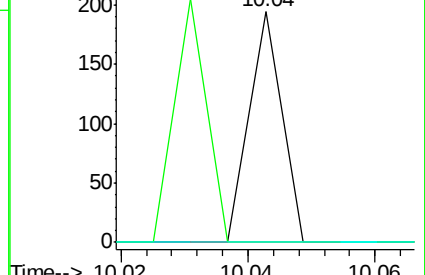
77 0.0 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

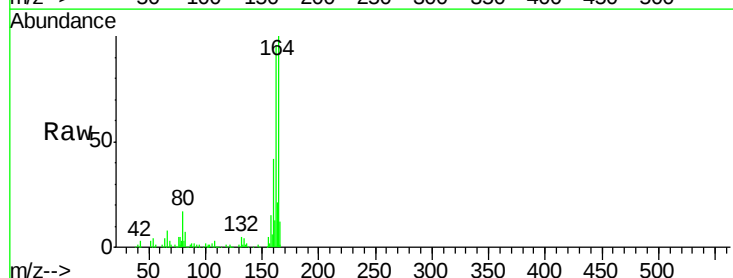
Tgt Ion:164 Resp: 194543

Ion Ratio Lower Upper

164 100

162 96.3 76.9 115.3

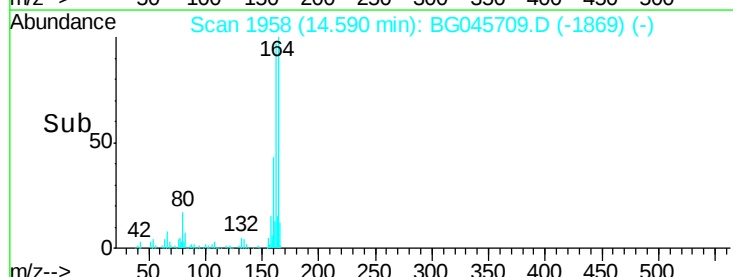
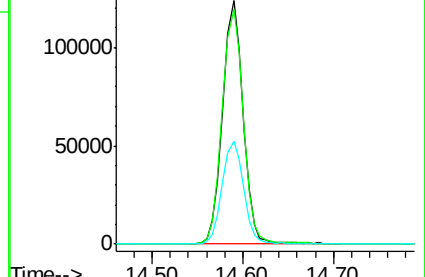
160 42.3 33.8 50.8

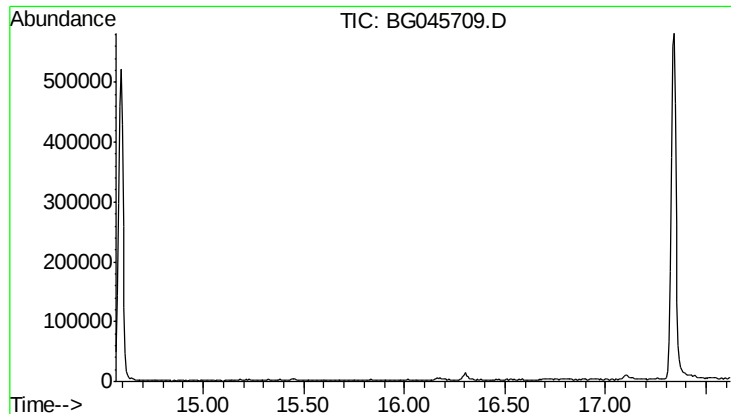


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.09 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA_G

ClientSampleId :

SONOTUBE

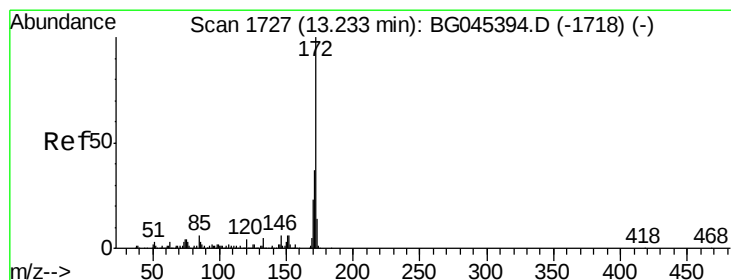
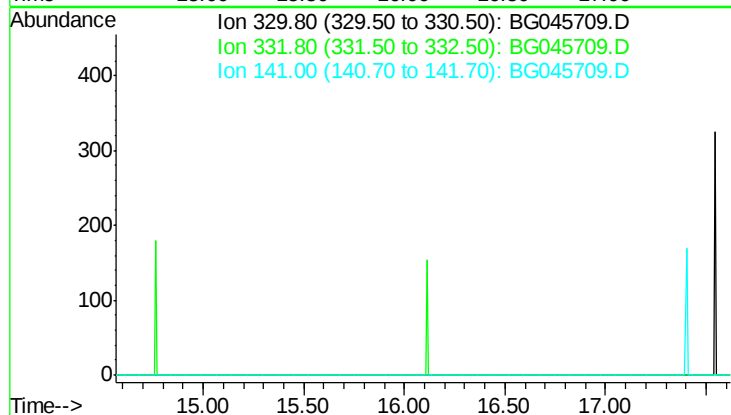
Tot Ion: 330

Sig Exp Ratio

330 100

332 97.8

141 35.3



#45

2-Fluorobiphenyl

Concen: 59.101 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

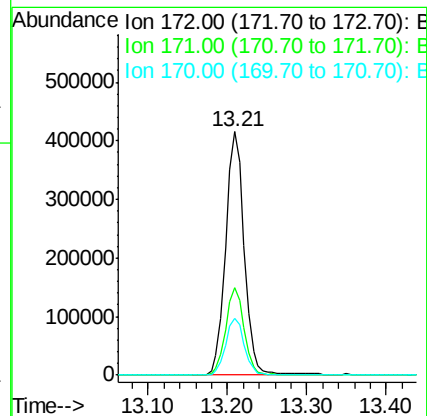
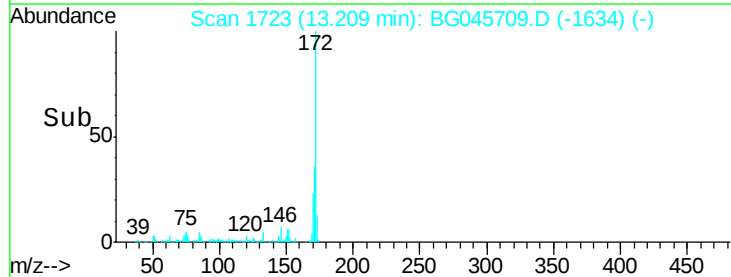
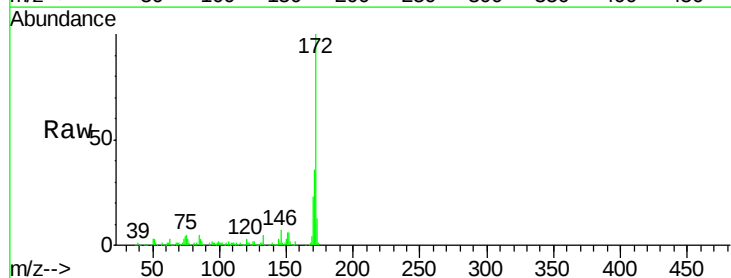
Tgt Ion:172 Resp: 677851

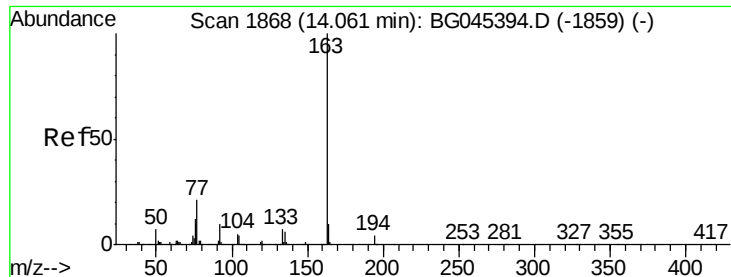
Ion Ratio Lower Upper

172 100

171 36.1 29.5 44.3

170 23.2 18.5 27.7





#50

Dimethylphthalate

Concen: 7.201 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA_G

ClientSampleId :

SONOTUBE

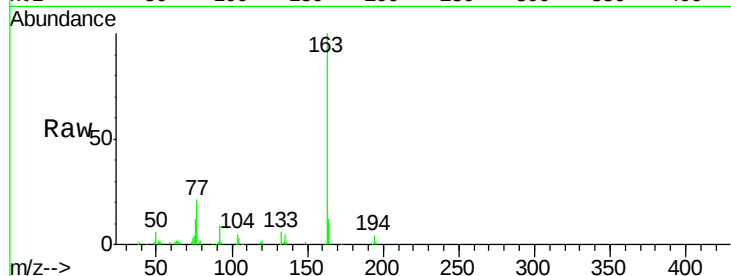
Tot Ion:163 Resp: 96101

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

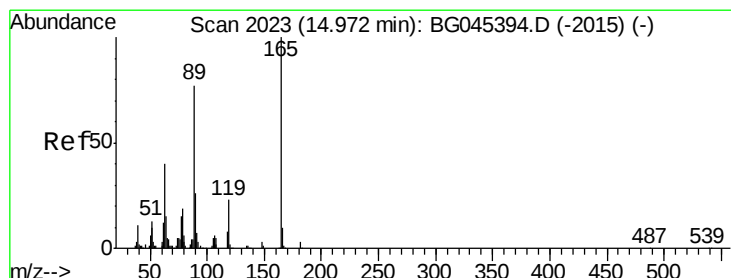
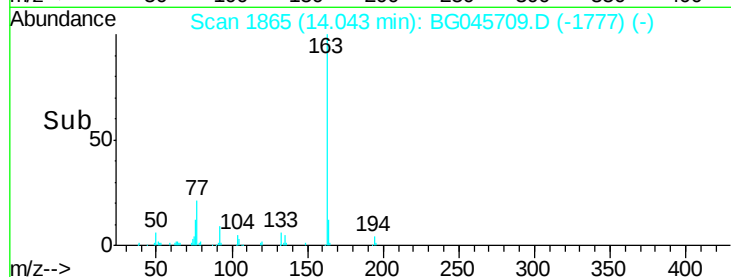
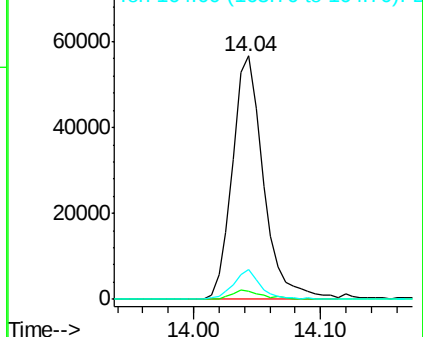
164 12.0 8.3 12.5



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: 5.398 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Tgt Ion:165 Resp: 23541

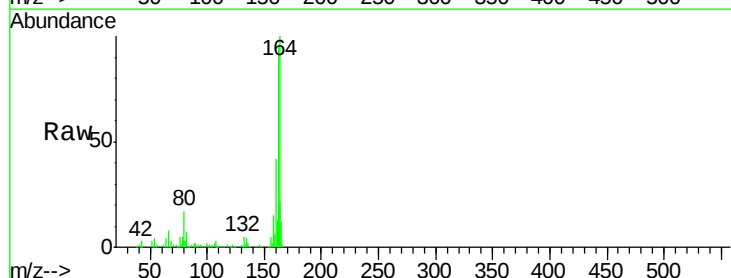
Ion Ratio Lower Upper

165 100

63 1.8 32.5 48.7#

89 1.7 61.8 92.6#

182 0.0 2.3 3.5#

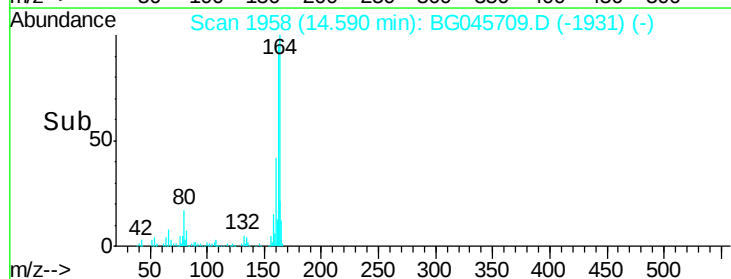
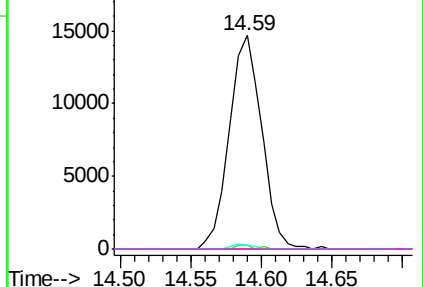


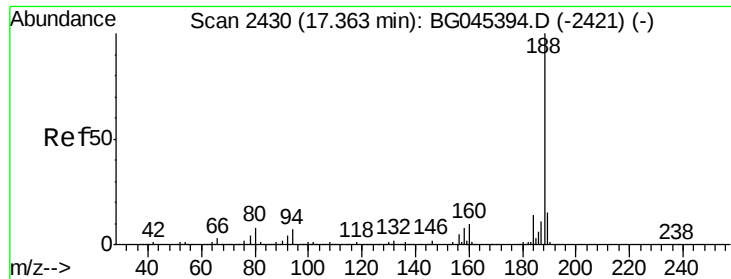
Abundance Ion 165.00 (164.70 to 165.70): E

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

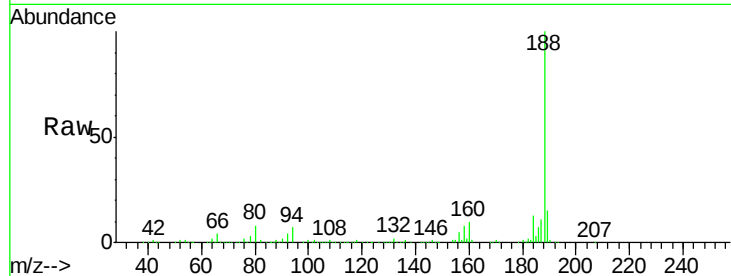




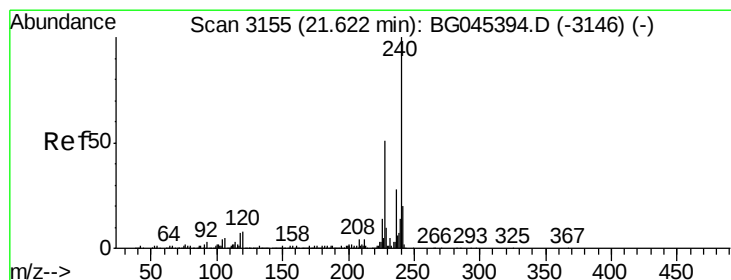
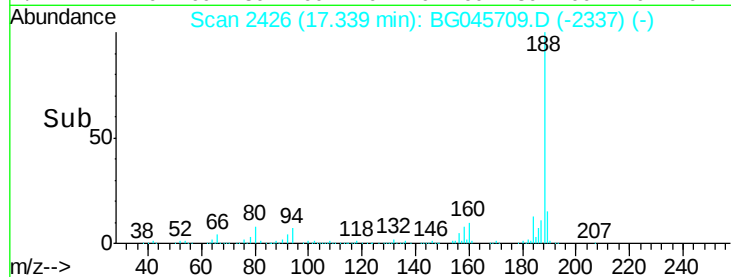
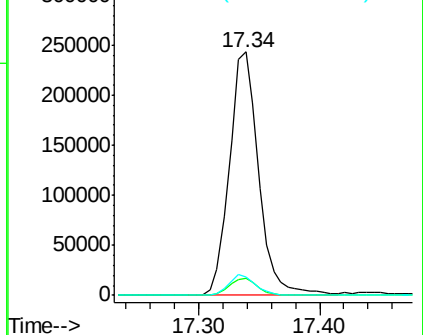
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045709.D
Acq: 11 Jun 2020 5:23

Instrument :
BNA_G
ClientSampleId :
SONOTUBE

Tot Ion:188 Resp: 411263
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.6 6.6 10.0

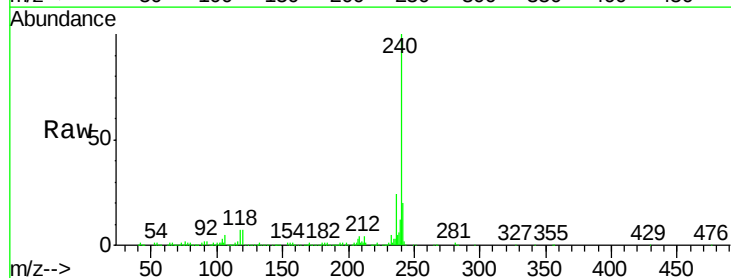


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

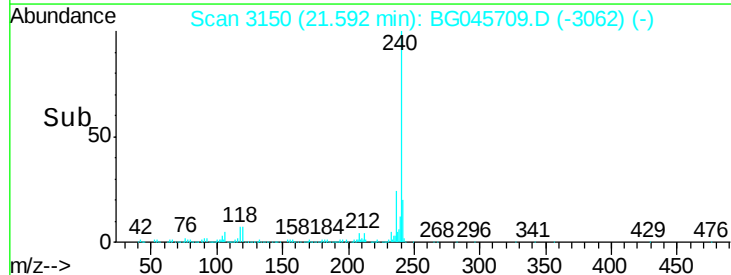
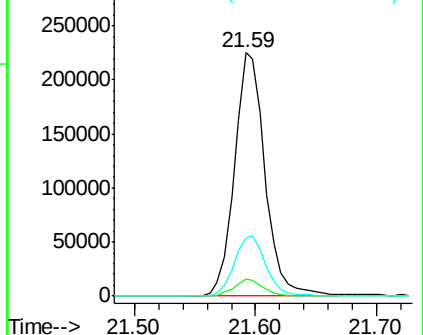


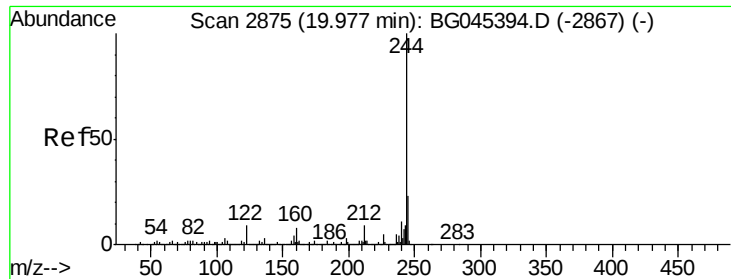
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045709.D
Acq: 11 Jun 2020 5:23

Tgt Ion:240 Resp: 396250
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 24.0 22.3 33.5



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: 60.580 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

Instrument :

BNA_G

ClientSampleId :

SONOTUBE

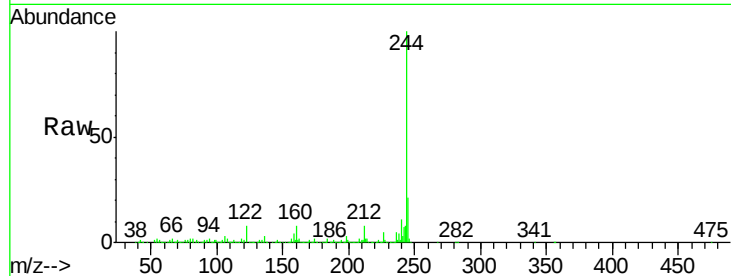
Tot Ion:244 Resp: 1029234

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.0

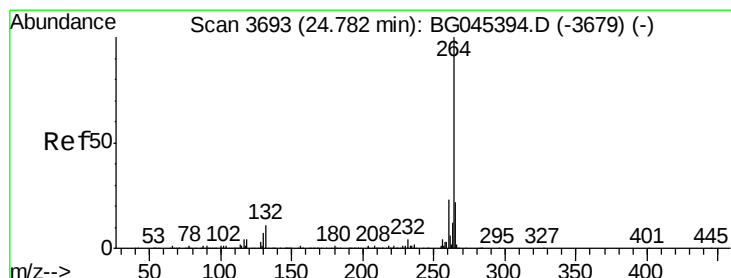
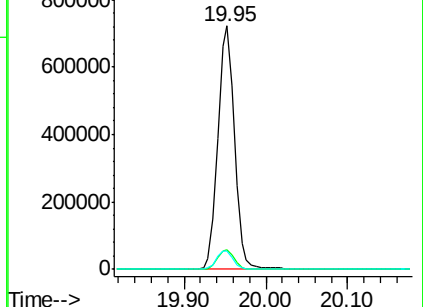
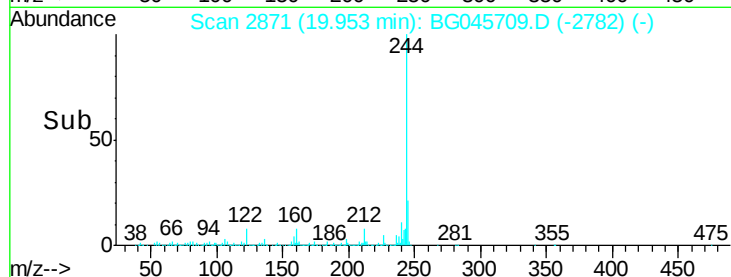
122 7.8 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045709.D

Acq: 11 Jun 2020 5:23

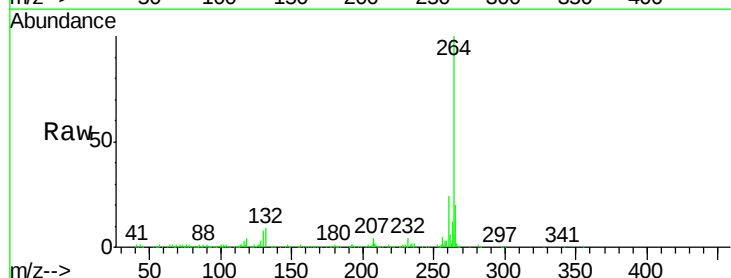
Tgt Ion:264 Resp: 425558

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 20.4 17.6 26.4



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

