

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043970.D
 Acq On : 8 Jan 2020 16:45
 Operator : JU
 Sample : PB125926BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125926BL

Quant Time: Jan 09 06:44:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130992	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	527739	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	350317	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	775129	20.00	ng	0.00
76) Chrysene-d12	21.58	240	655280	20.00	ng	0.00
87) Perylene-d12	24.70	264	718919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	912387	127.89	ng	0.00
7) Phenol-d6	7.13	99	1254741	125.82	ng	0.00
23) Nitrobenzene-d5	9.11	82	736283	74.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	477607	130.28	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1609851	83.26	ng	0.00
79) Terphenyl-d14	19.95	244	2272957	83.15	ng	0.00

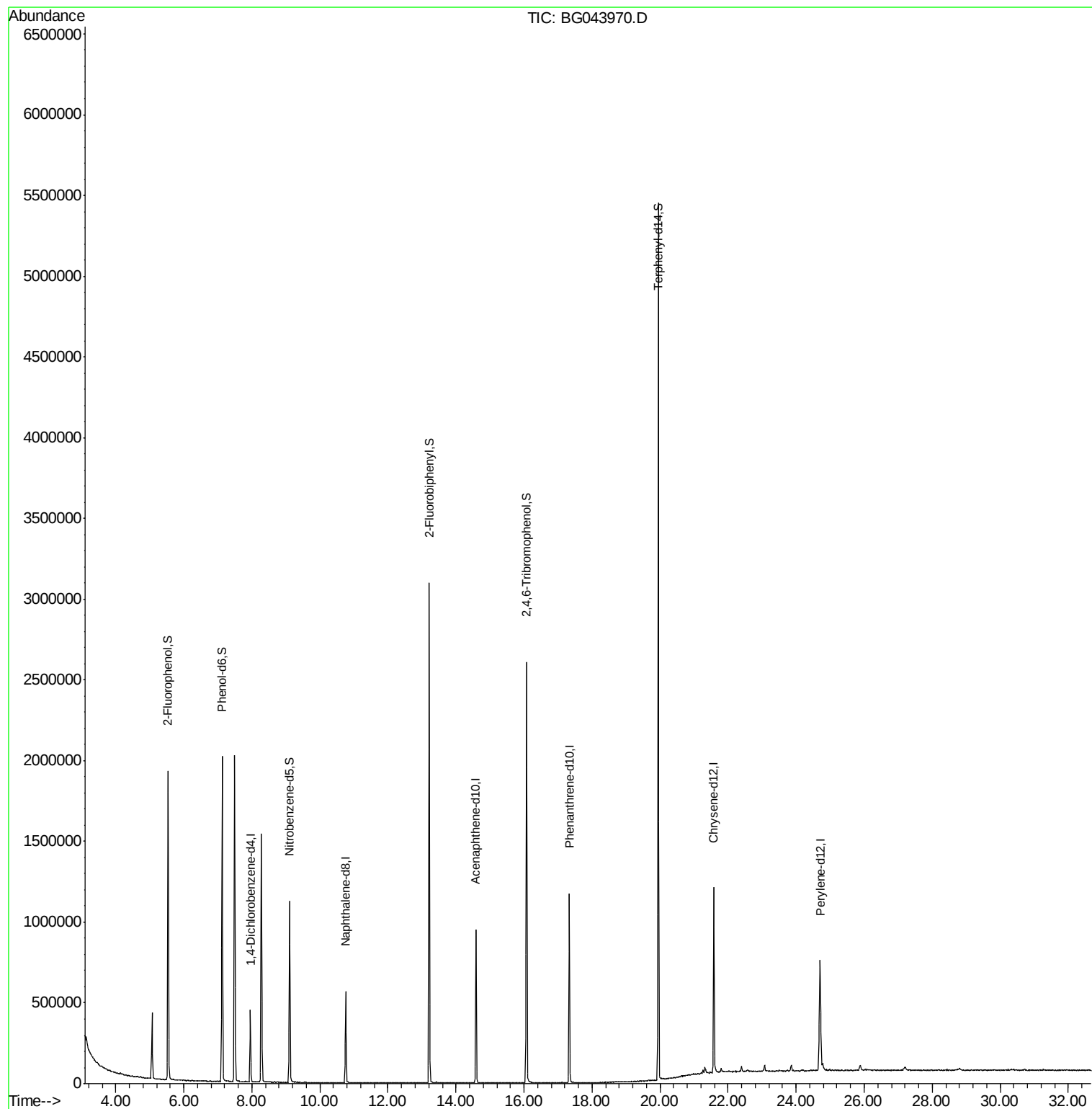
Target Compounds Qvalue

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

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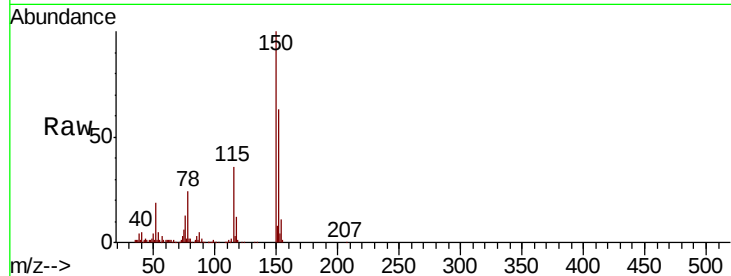


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB125926BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.0	190.4
115	57.7	47.8	71.8

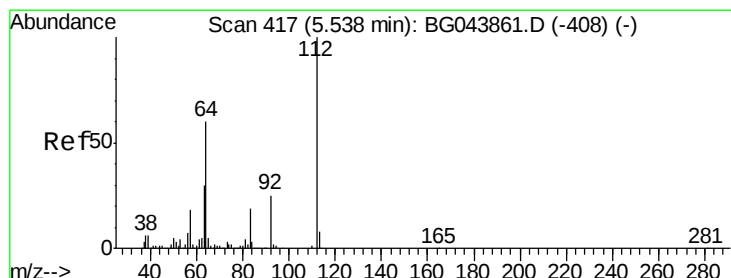
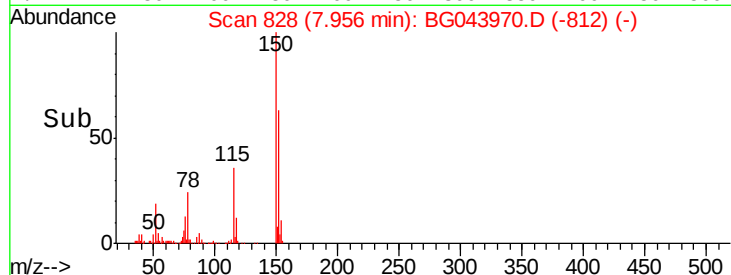
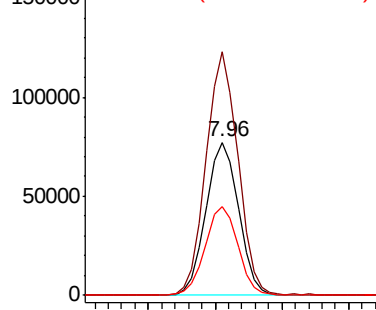


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

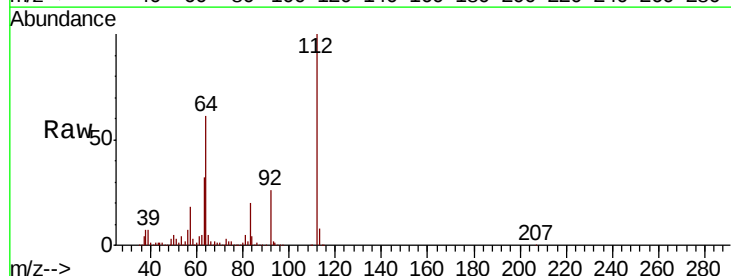
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.890 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043970.D
Acq: 8 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.8	71.6
63	32.1	24.3	36.5

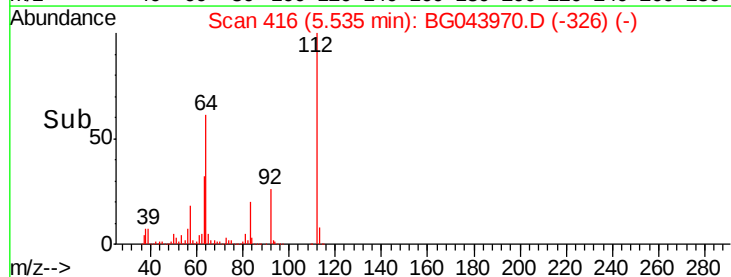
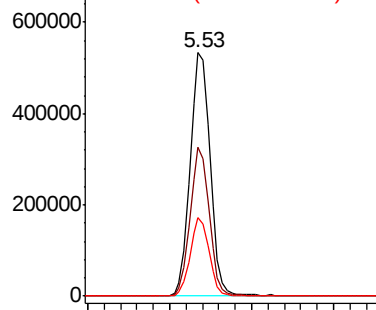


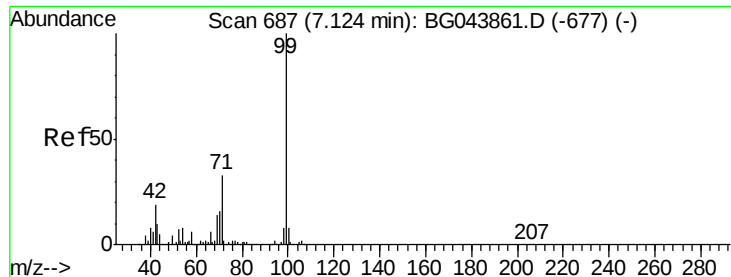
Abundance

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: 125.823 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

Instrument :

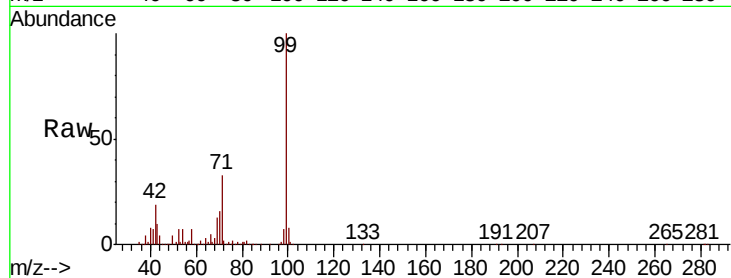
BNA_G

ClientSampleId :

PB125926BL

Tot Ion: 99 Resp: 1254741

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.2	26.4	39.6

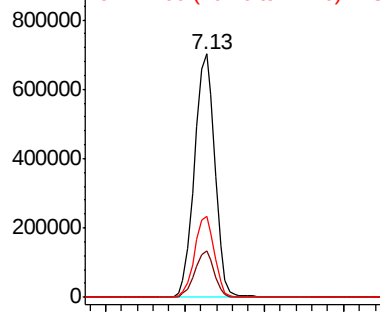


Abundance

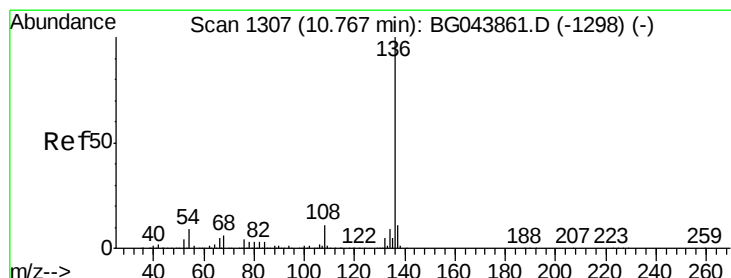
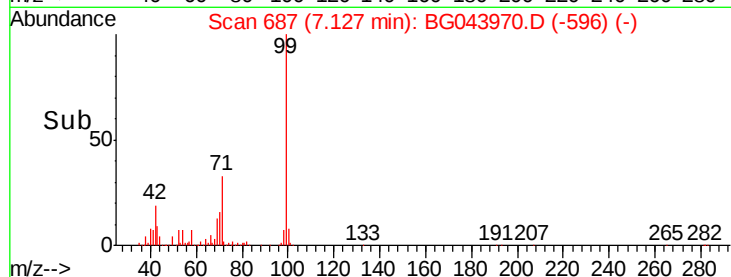
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

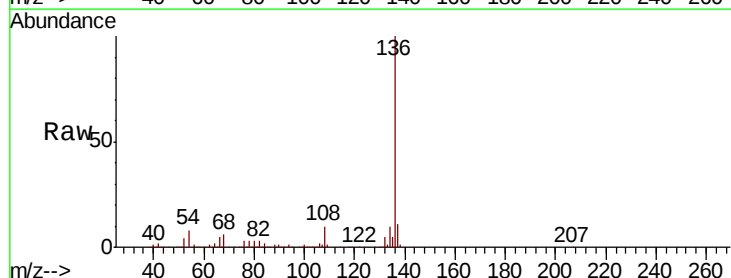
Delta R.T. -0.01 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

Tgt Ion: 136 Resp: 527739

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	7.0	10.4
68	5.8	4.9	7.3



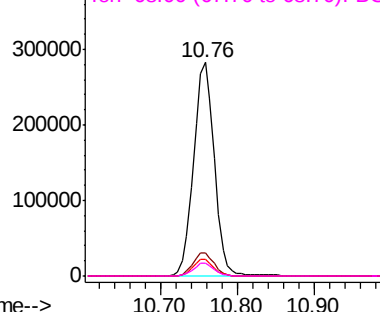
Abundance

Ion 136.00 (135.70 to 136.70): BGC

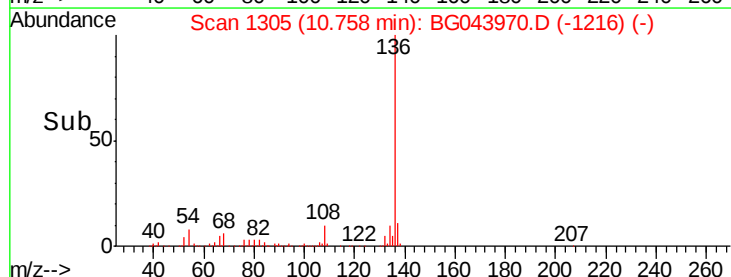
Ion 137.00 (136.70 to 137.70): BGC

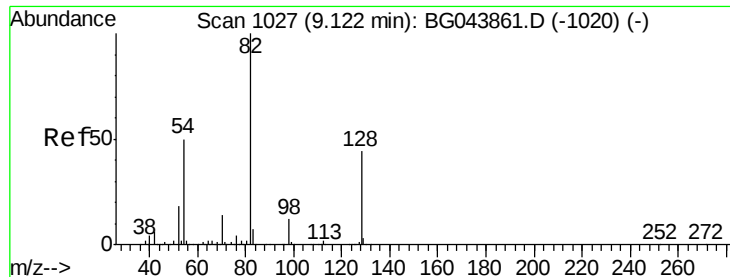
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 74.636 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

Instrument :

BNA_G

ClientSampleId :

PB125926BL

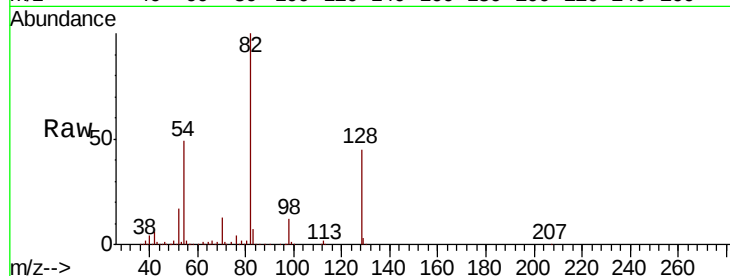
Tot Ion: 82 Resp: 736283

Ion Ratio Lower Upper

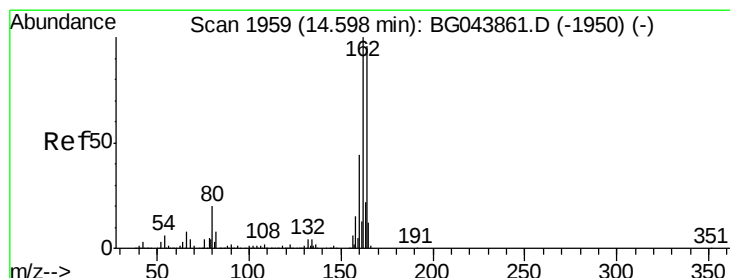
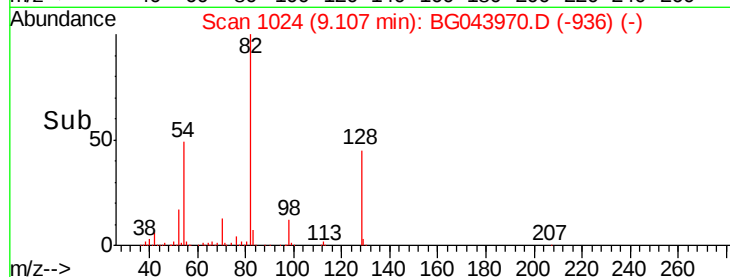
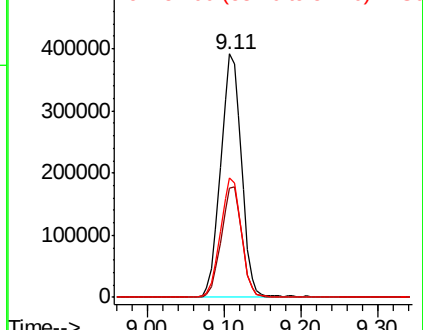
82 100

128 44.9 35.1 52.7

54 49.0 40.1 60.1



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: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

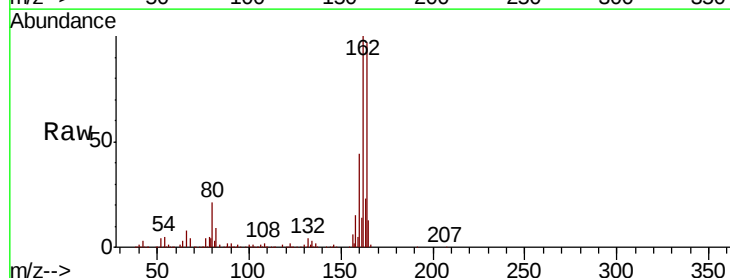
Tgt Ion: 164 Resp: 350317

Ion Ratio Lower Upper

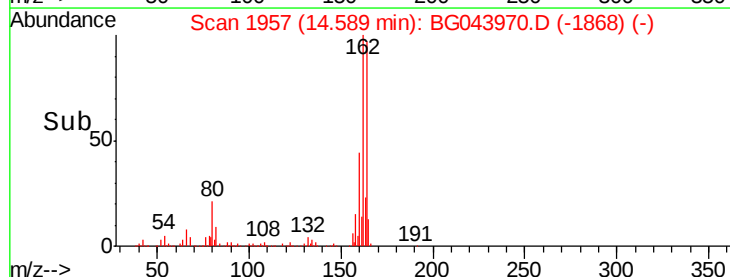
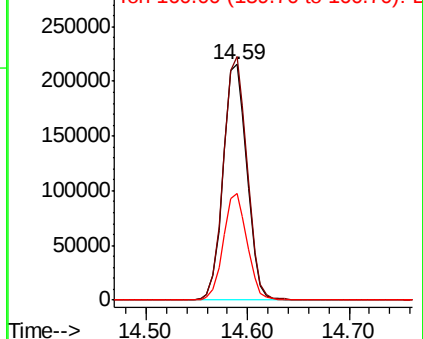
164 100

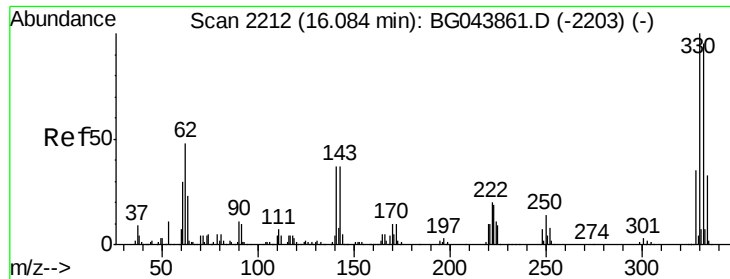
162 103.4 83.0 124.4

160 45.5 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 130.280 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

Instrument :

BNA_G

ClientSampleId :

PB125926BL

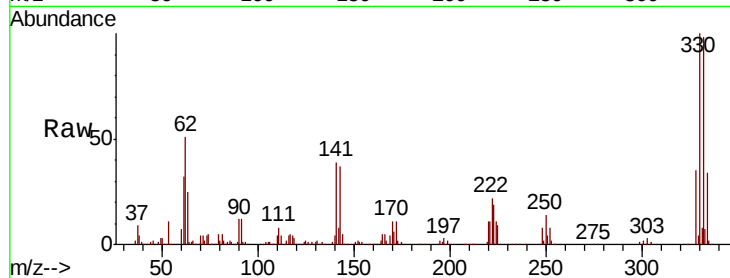
Tot Ion:330 Resp: 477607

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 39.8 33.1 49.7

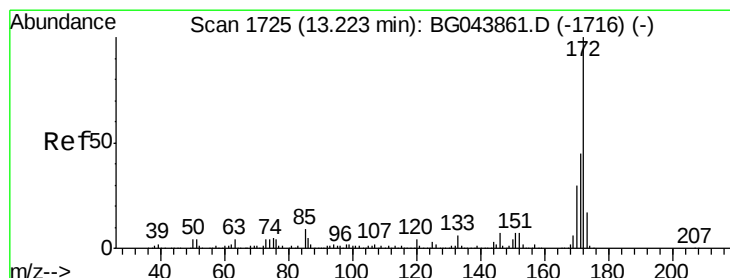
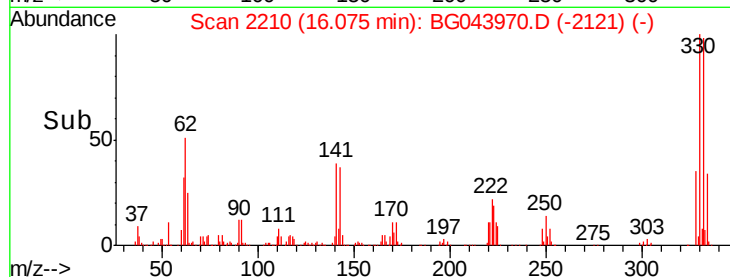
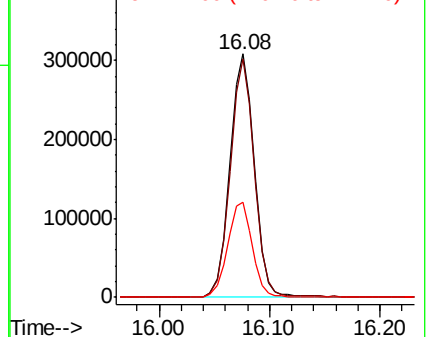


Abundance

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: 83.258 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

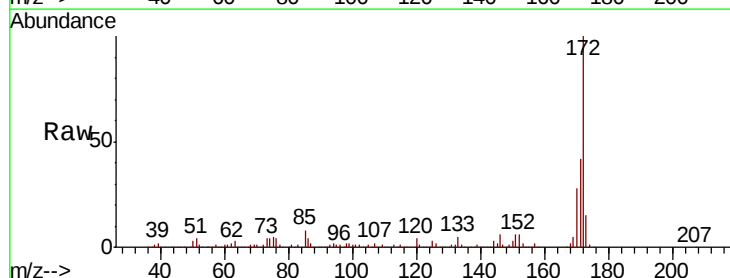
Tgt Ion:172 Resp: 1609851

Ion Ratio Lower Upper

172 100

171 42.3 35.8 53.8

170 27.9 24.2 36.4

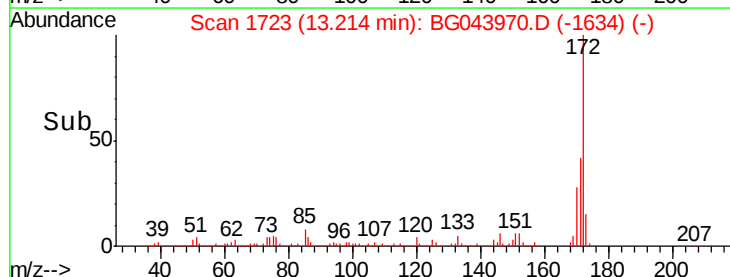
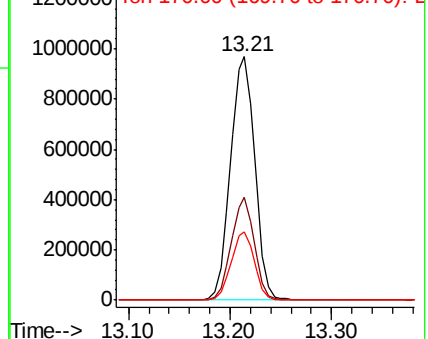


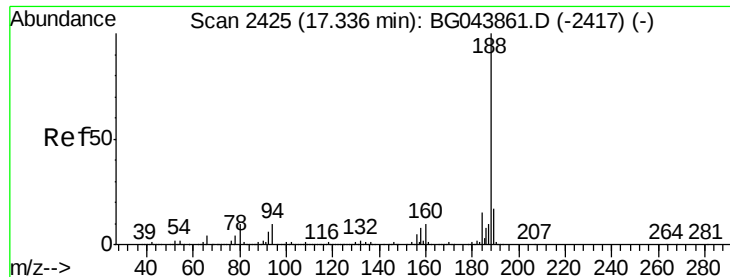
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

Instrument :

BNA_G

ClientSampleId :

PB125926BL

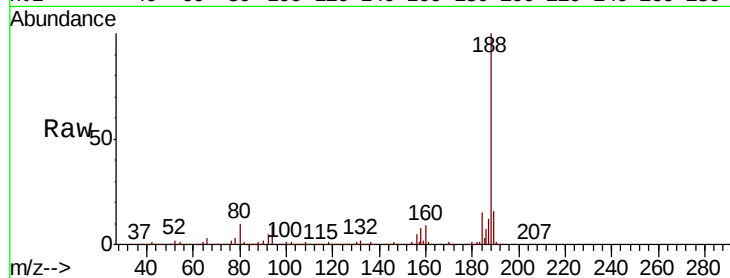
Tot Ion:188 Resp: 775129

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

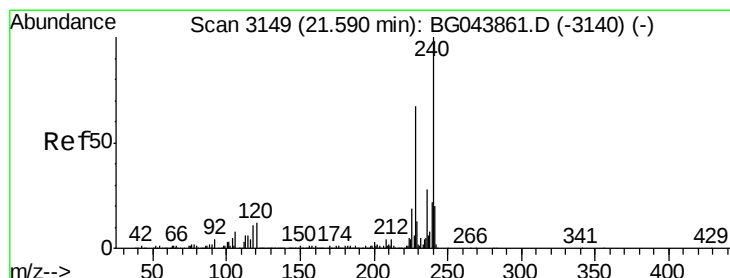
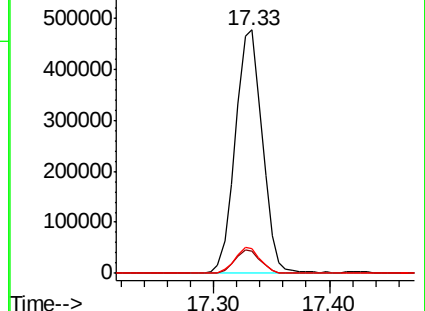
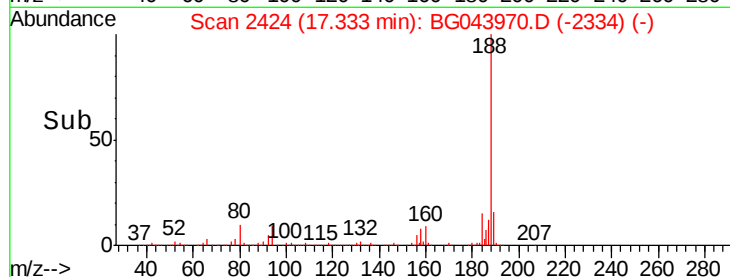
80 10.2 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043970.D

Acq: 8 Jan 2020 16:45

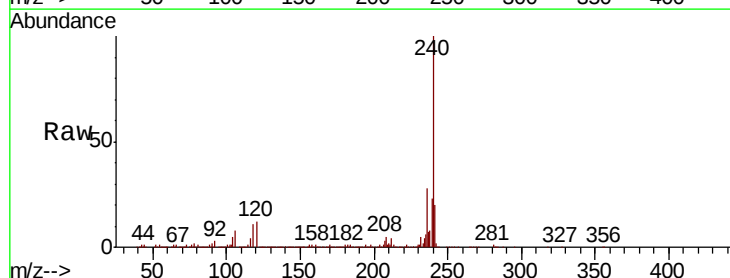
Tgt Ion:240 Resp: 655280

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

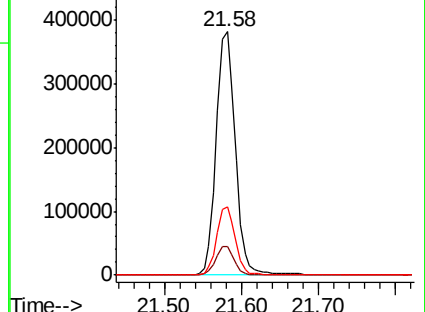
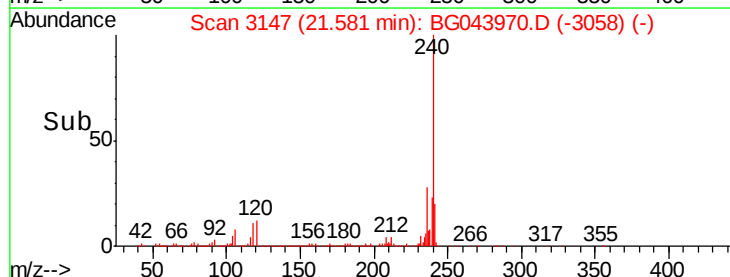
236 28.0 22.2 33.2

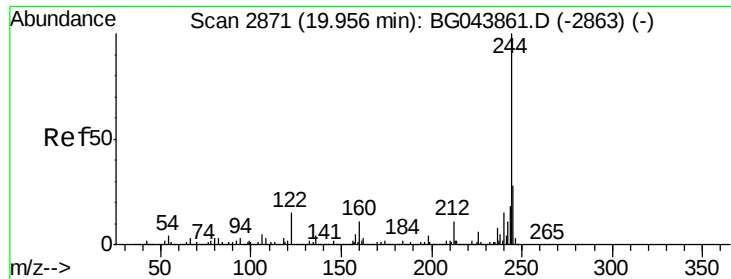


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



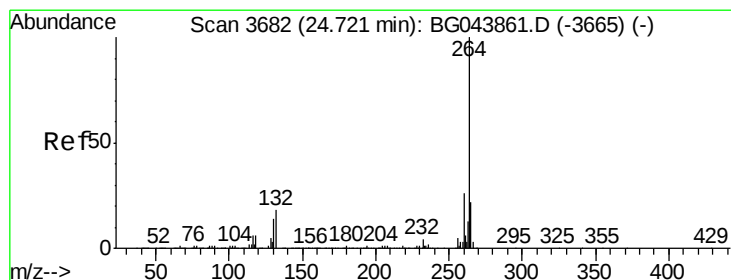
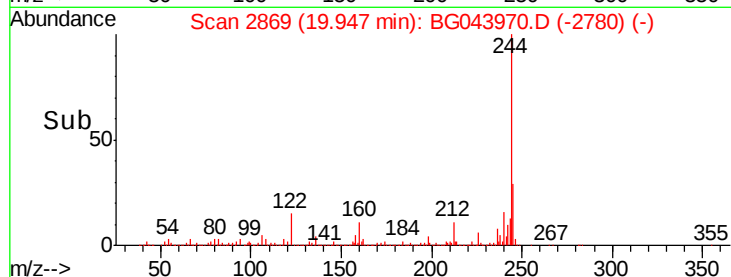
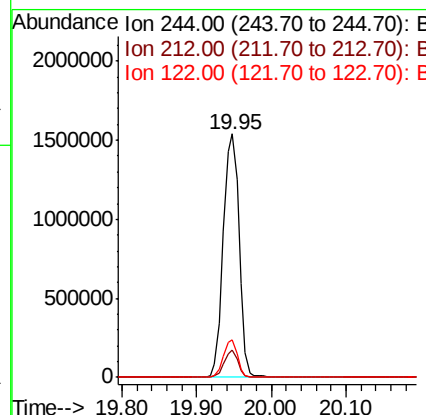
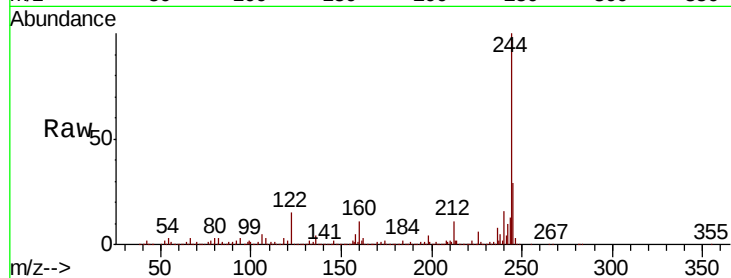


#79
 Terphenyl-d14
 Concen: 83.149 ng
 RT: 19.95 min Scan# 2869
 Delta R.T. -0.01 min
 Lab File: BG043970.D
 Acq: 8 Jan 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB125926BL

Tot Ion:244 Resp: 2272957

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.6	13.0
122	15.4	11.9	17.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.70 min Scan# 3678
 Delta R.T. -0.02 min
 Lab File: BG043970.D
 Acq: 8 Jan 2020 16:45

Tgt Ion:264 Resp: 718919

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.7	17.4	26.2

