

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043984.D
 Acq On : 9 Jan 2020 3:13
 Operator : JU
 Sample : K6456-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04

Quant Time: Jan 09 07:28:28 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	7.95	152	117102	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	464953	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	298510	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	666417	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	583232	20.00	ng	-0.02
87) Perylene-d12	24.69	264	628926	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	841541	131.95	ng	0.00
7) Phenol-d6	7.12	99	1026735	115.17	ng	0.00
23) Nitrobenzene-d5	9.10	82	779629	89.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	478301	153.11	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1644501	99.81	ng	-0.01
79) Terphenyl-d14	19.94	244	2404180	105.69	ng	-0.01

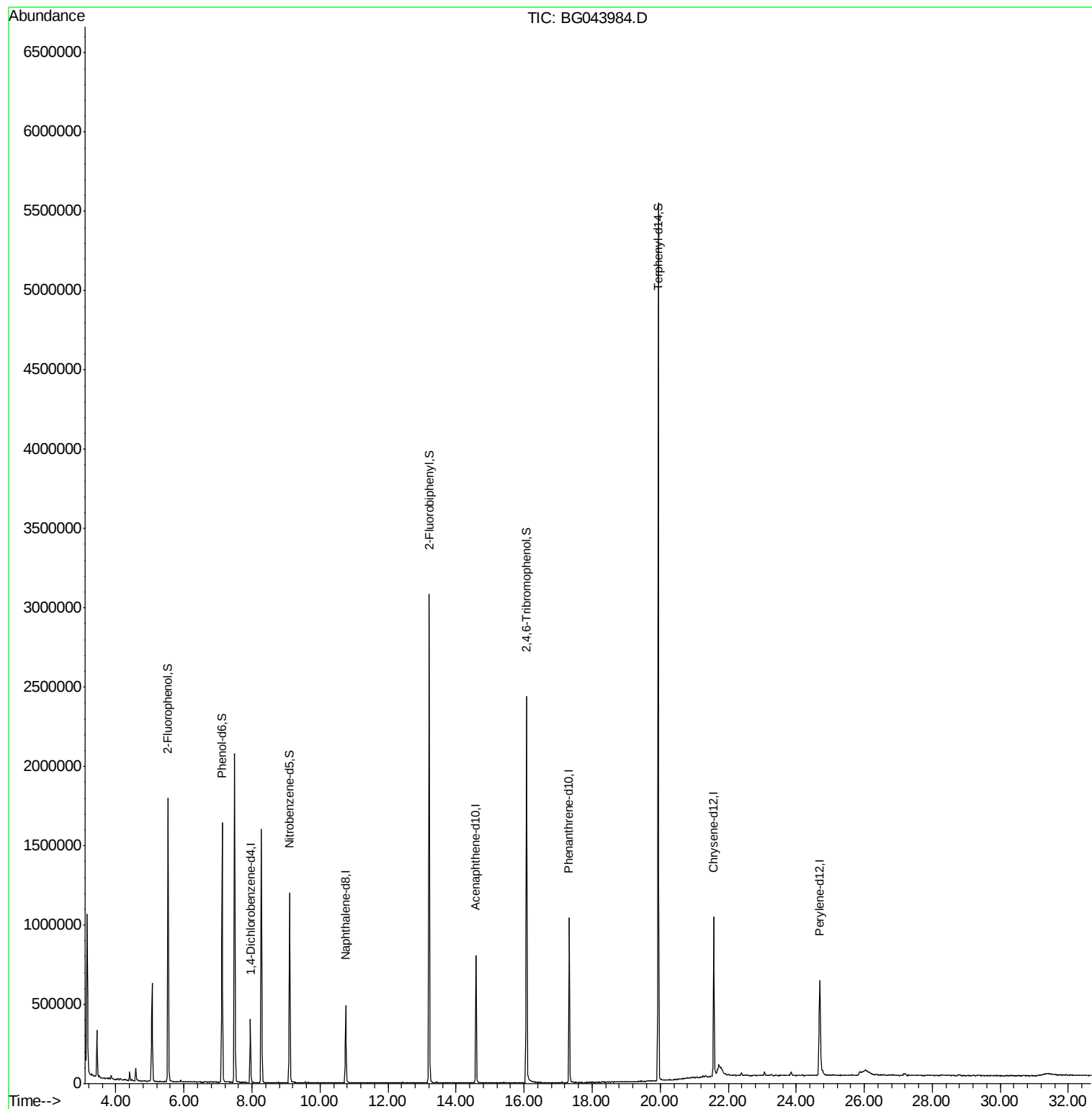
Target Compounds Qvalue

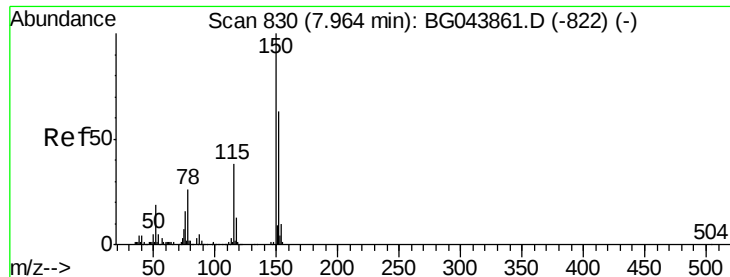
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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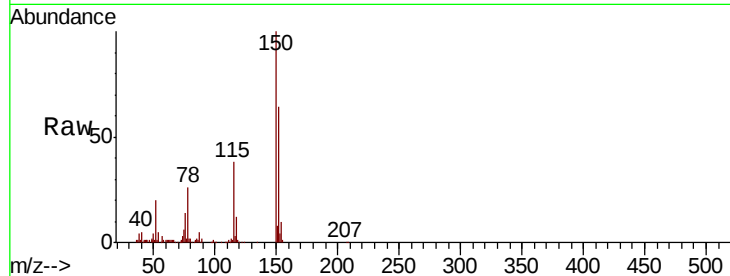


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043984.D
Acq: 9 Jan 2020 3:13

Instrument :
BNA_G
ClientSampleId :
SB-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.0	190.4
115	59.3	47.8	71.8

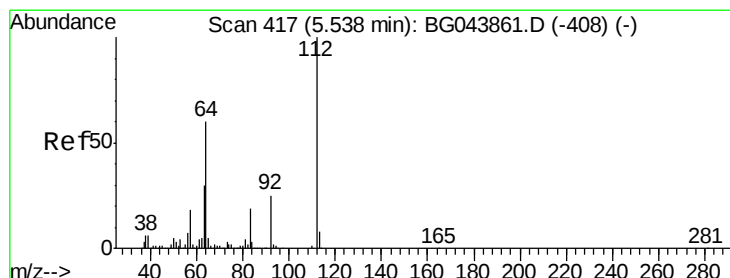
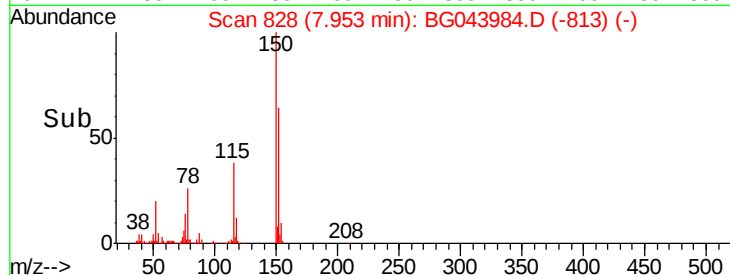
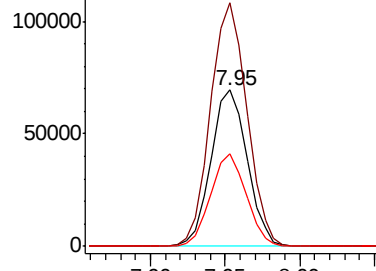


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

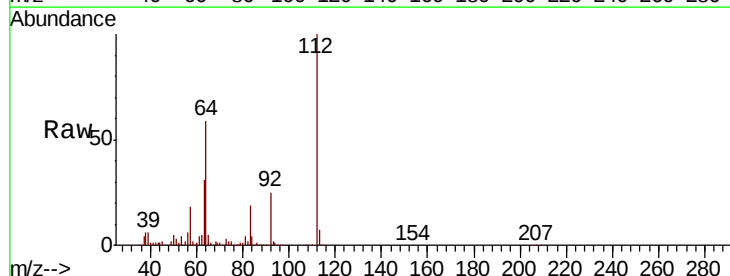
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.951 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043984.D
Acq: 9 Jan 2020 3:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.8	71.6
63	31.3	24.3	36.5

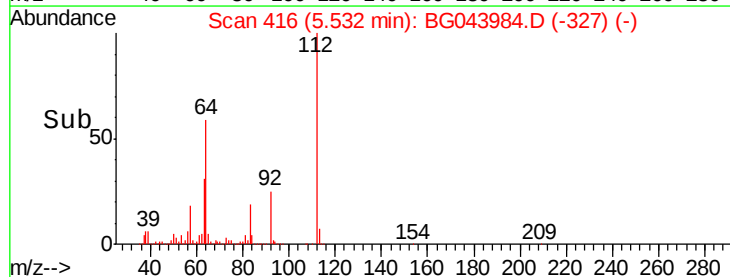
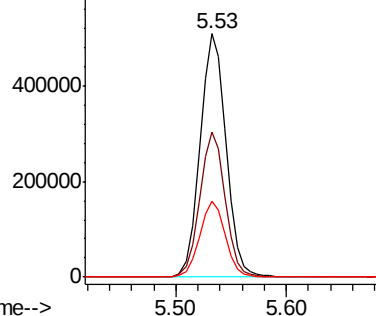


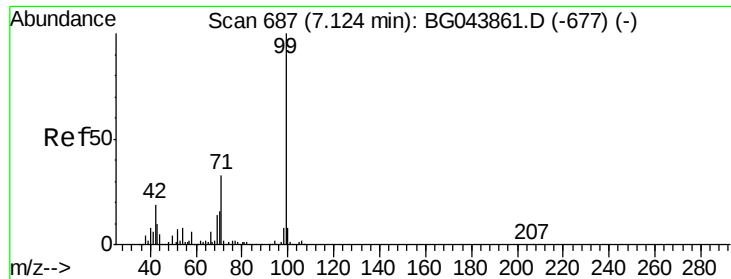
Abundance

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: 115.171 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043984.D

Acq: 9 Jan 2020 3:13

Instrument :

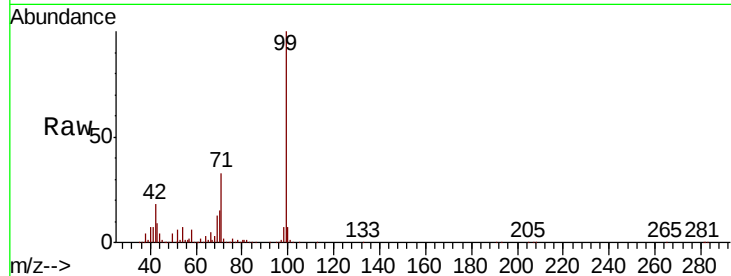
BNA_G

ClientSampleId :

SB-04

Tot Ion: 99 Resp: 1026735

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	32.7	26.4	39.6

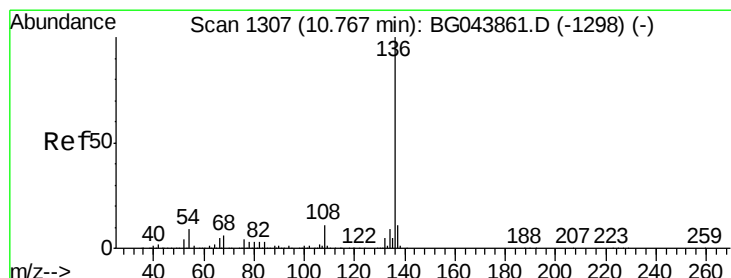
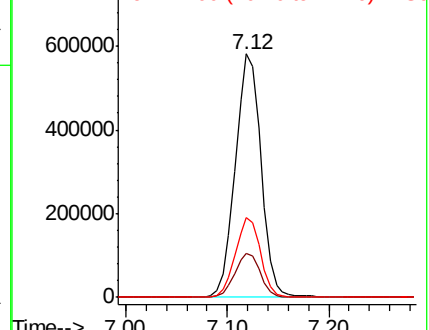
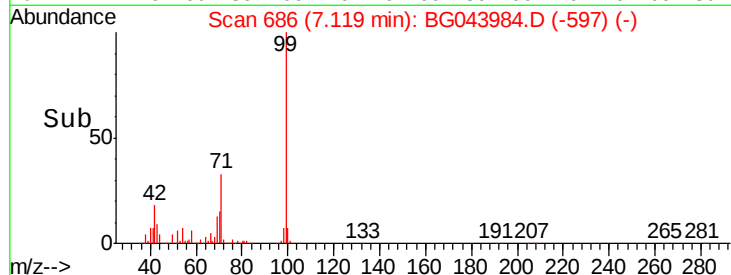


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

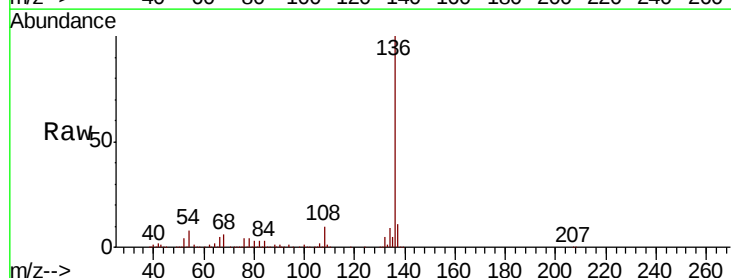
Delta R.T. -0.01 min

Lab File: BG043984.D

Acq: 9 Jan 2020 3:13

Tgt Ion: 136 Resp: 464953

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	7.0	10.4
68	5.7	4.9	7.3



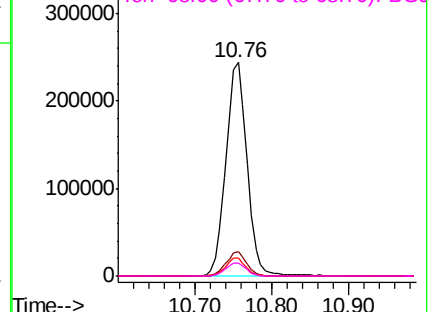
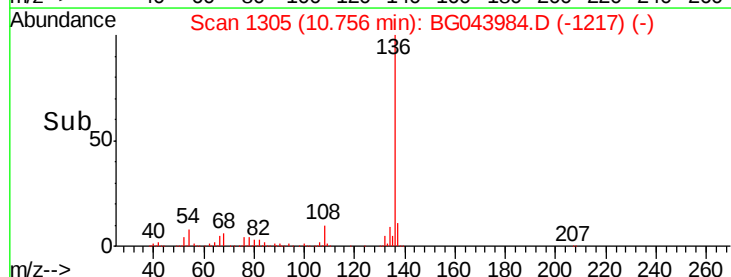
Abundance

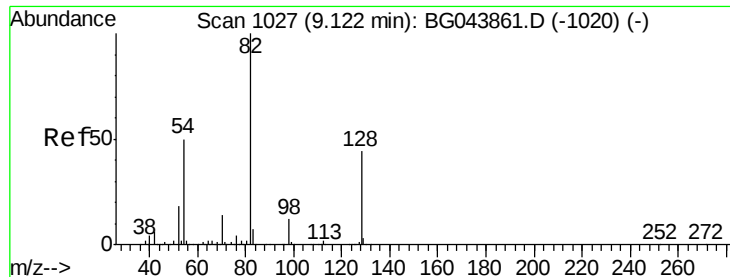
Ion 136.00 (135.70 to 136.70): BGC

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





#23

Nitrobenzene-d5

Concen: 89.701 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG043984.D

Acq: 9 Jan 2020 3:13

Instrument :

BNA_G

ClientSampled :

SB-04

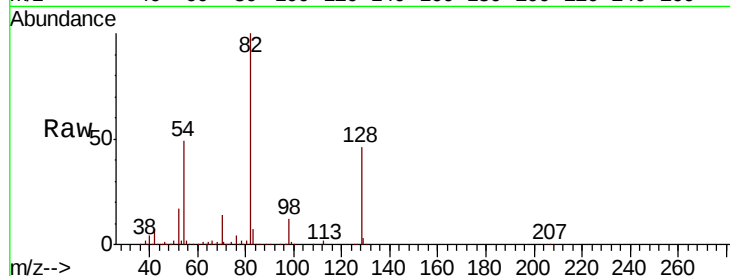
Tot Ion: 82 Resp: 779629

Ion Ratio Lower Upper

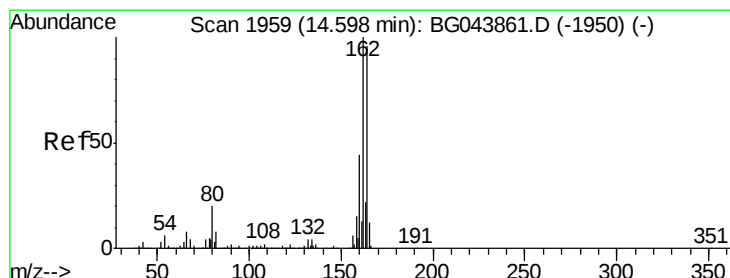
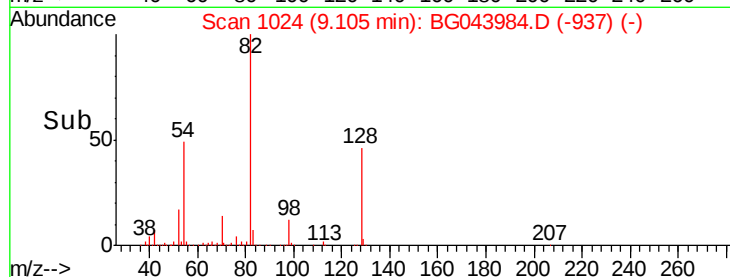
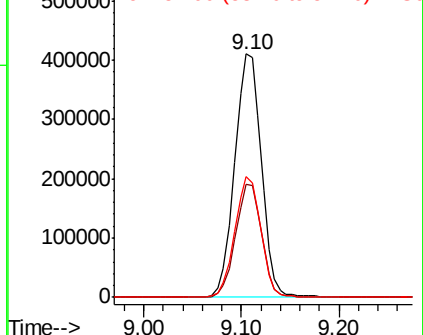
82 100

128 46.4 35.1 52.7

54 49.4 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: BG043984.D

Acq: 9 Jan 2020 3:13

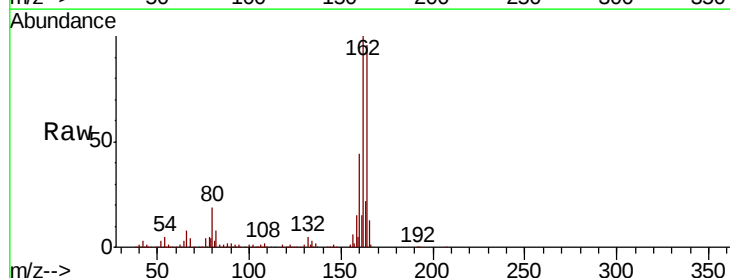
Tgt Ion: 164 Resp: 298510

Ion Ratio Lower Upper

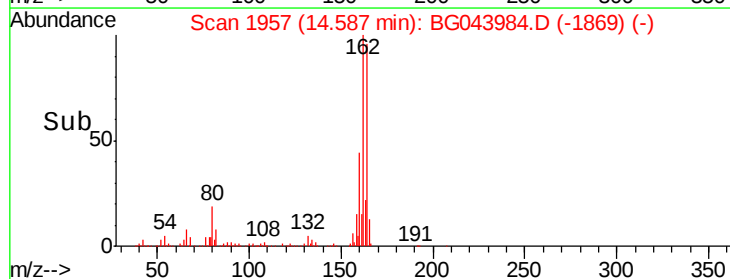
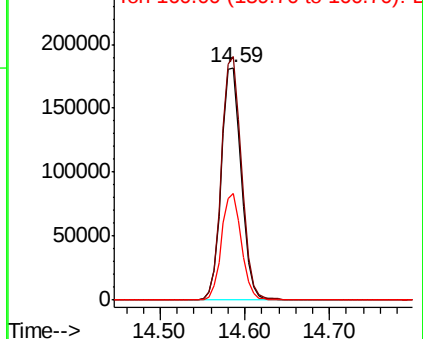
164 100

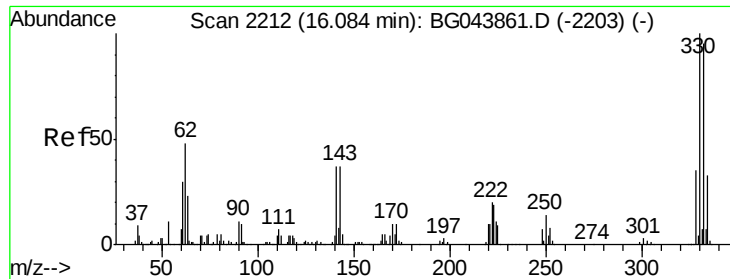
162 104.6 83.0 124.4

160 45.8 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: 153.113 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043984.D

Acq: 9 Jan 2020 3:13

Instrument :

BNA_G

ClientSampled :

SB-04

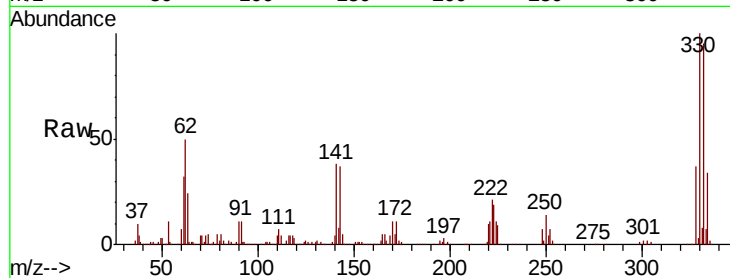
Tot Ion:330 Resp: 478301

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

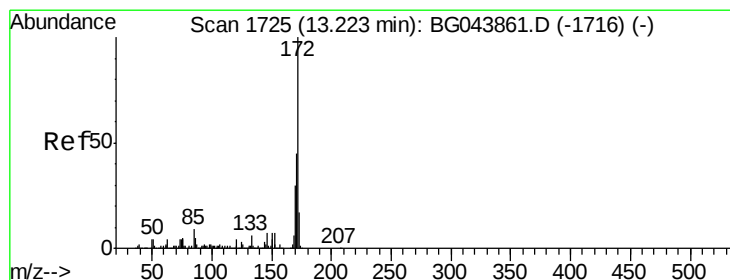
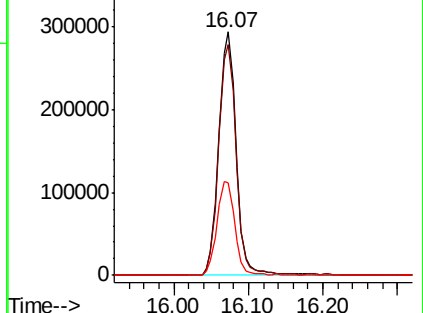
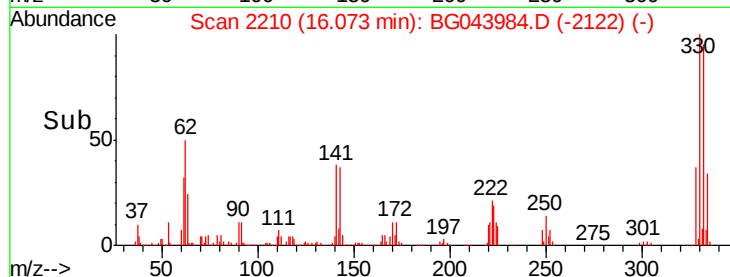
141 39.9 33.1 49.7



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: 99.811 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG043984.D

Acq: 9 Jan 2020 3:13

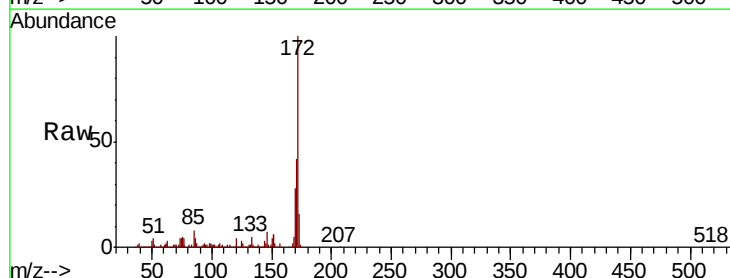
Tgt Ion:172 Resp: 1644501

Ion Ratio Lower Upper

172 100

171 42.1 35.8 53.8

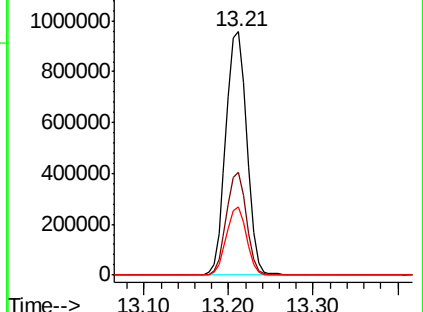
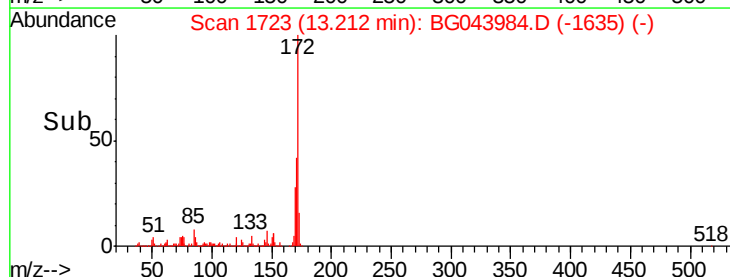
170 28.3 24.2 36.4

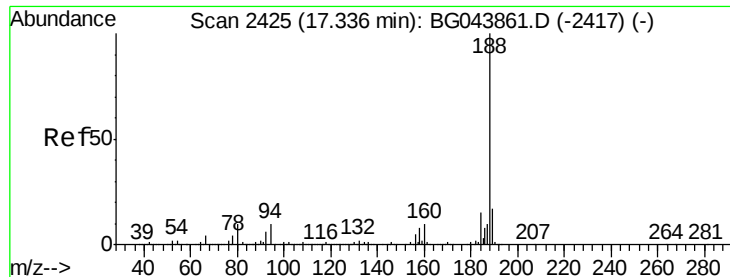


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

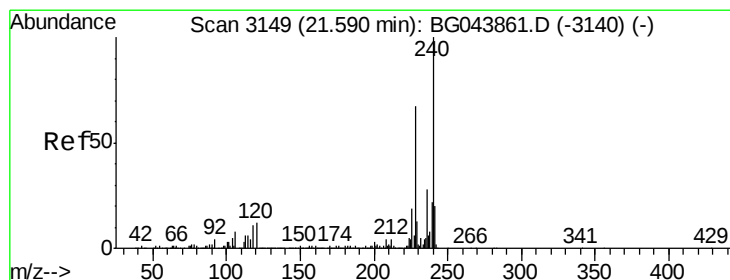
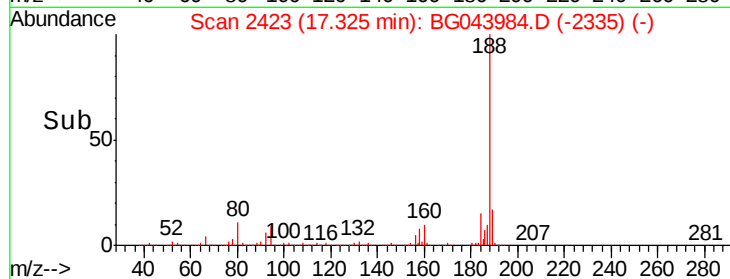
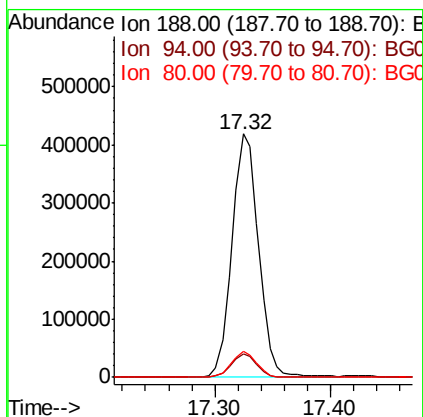
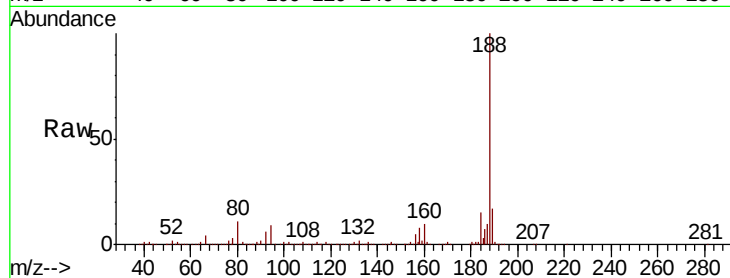




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043984.D
Acq: 9 Jan 2020 3:13

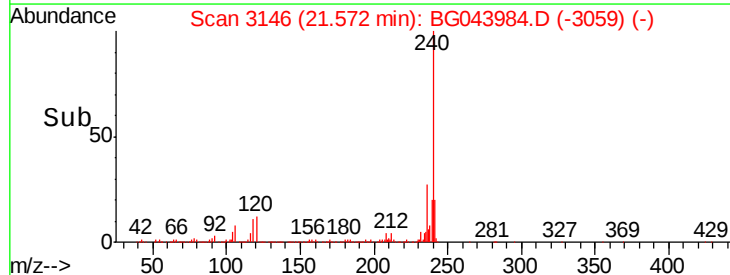
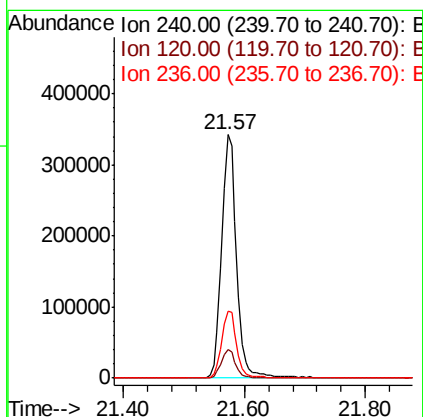
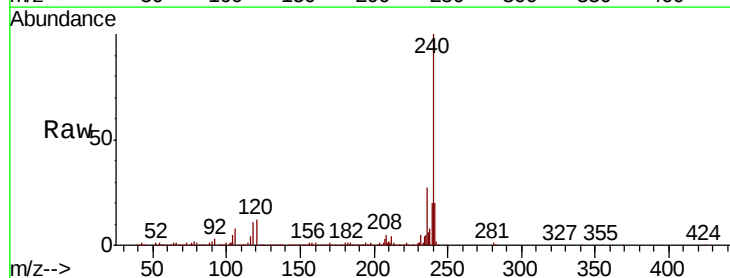
Instrument :
BNA_G
ClientSampled :
SB-04

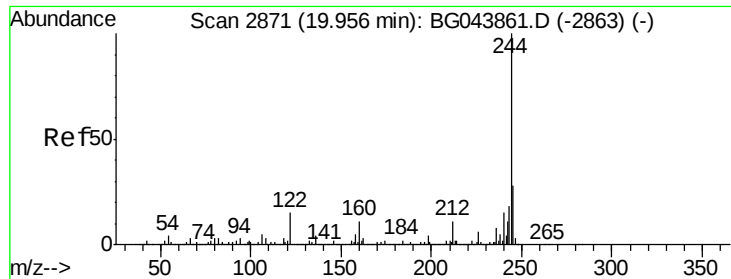
Tot Ion:188 Resp: 666417
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043984.D
Acq: 9 Jan 2020 3:13

Tgt Ion:240 Resp: 583232
Ion Ratio Lower Upper
240 100
120 11.8 9.6 14.4
236 27.4 22.2 33.2

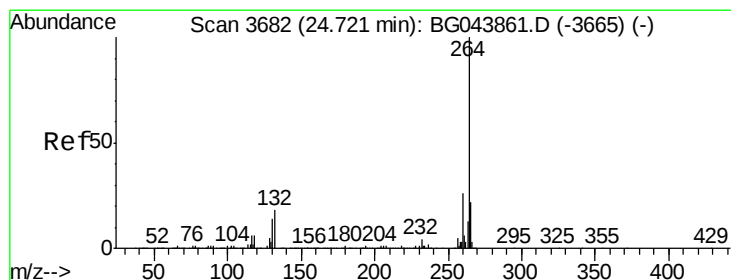
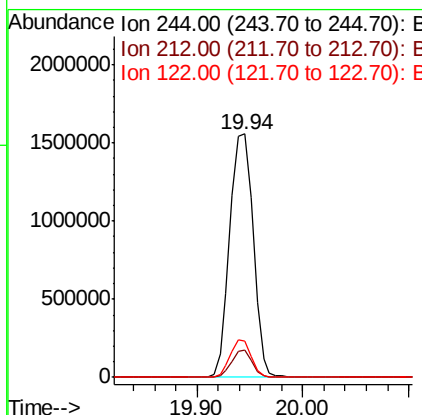
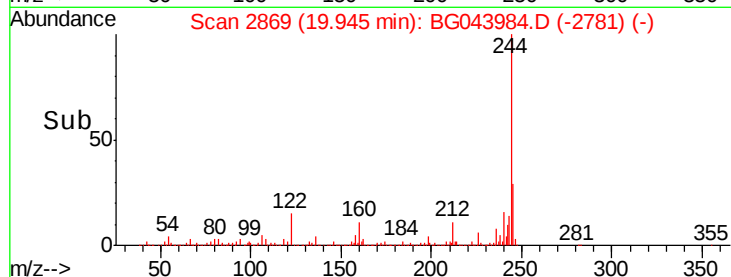
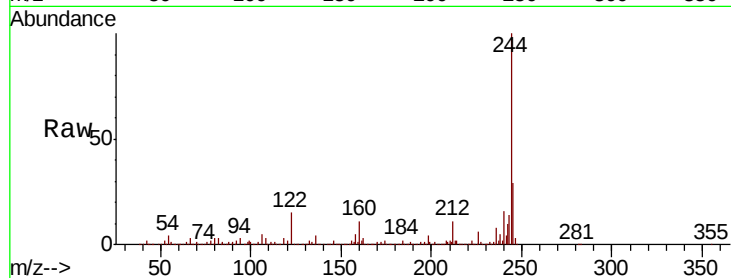




#79
 Terphenyl-d14
 Concen: 105.694 ng
 RT: 19.94 min Scan# 2869
 Delta R.T. -0.01 min
 Lab File: BG043984.D
 Acq: 9 Jan 2020 3:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-04

Tot Ion:244 Resp: 2404180
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.6 13.0
 122 15.0 11.9 17.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3677
 Delta R.T. -0.03 min
 Lab File: BG043984.D
 Acq: 9 Jan 2020 3:13

Tgt Ion:264 Resp: 628926
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.4 30.6
 265 22.0 17.4 26.2

