

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043994.D
 Acq On : 9 Jan 2020 9:45
 Operator : JU
 Sample : L1048-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-C

Quant Time: Jan 10 03:03:45 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	126195	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	495846	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	315098	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	706297	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	603774	20.00	ng	-0.02
87) Perylene-d12	24.69	264	666021	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	225254	32.77	ng	0.00
7) Phenol-d6	7.11	99	608780	63.37	ng	-0.01
23) Nitrobenzene-d5	9.10	82	523581	56.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	65806	19.96	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1183969	68.08	ng	-0.02
79) Terphenyl-d14	19.94	244	1801458	68.00	ng	-0.02

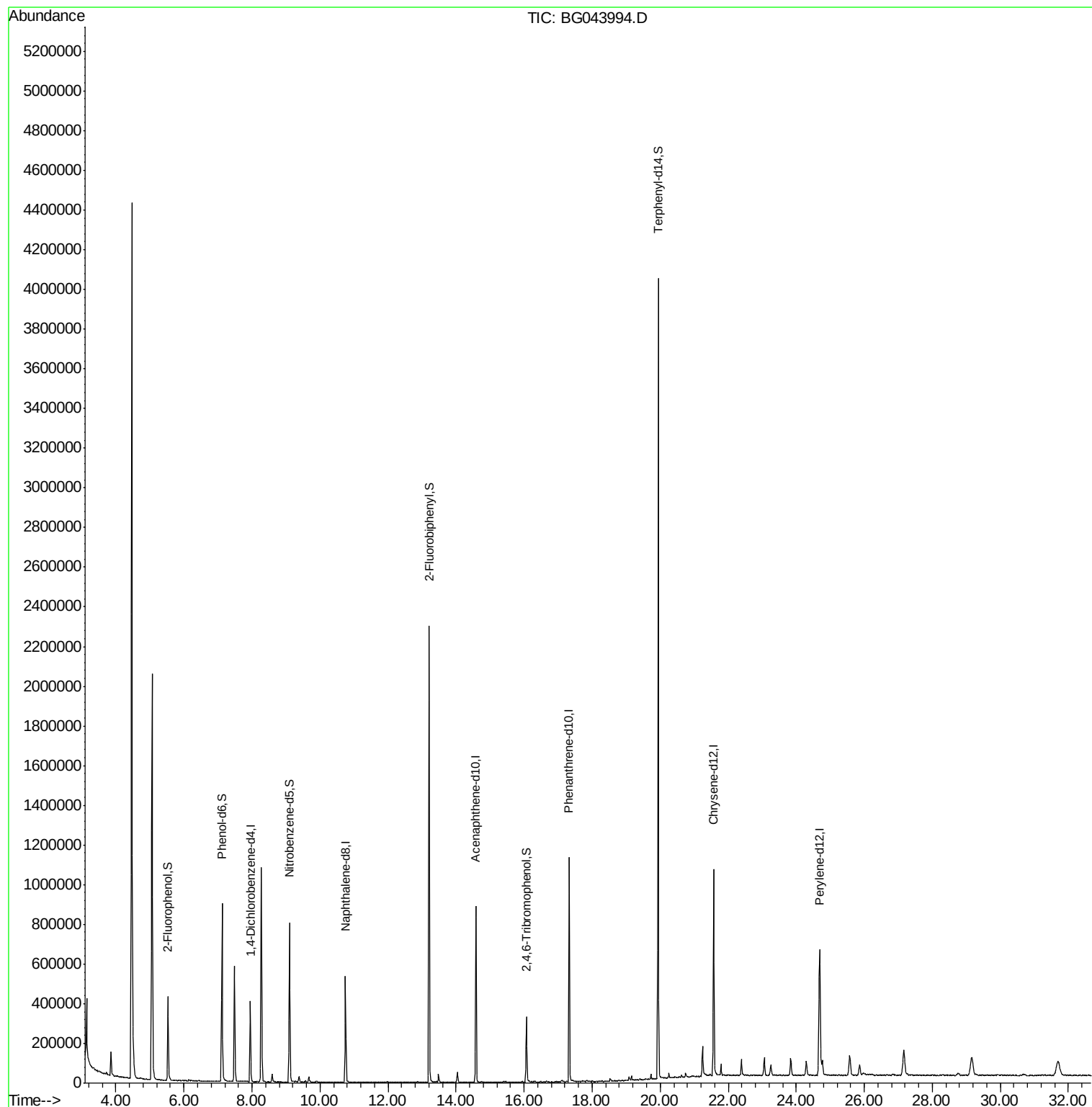
Target Compounds Qvalue

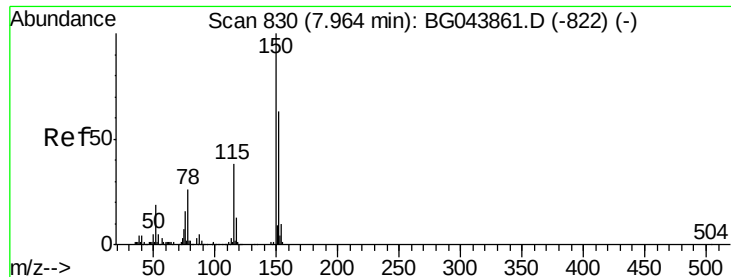
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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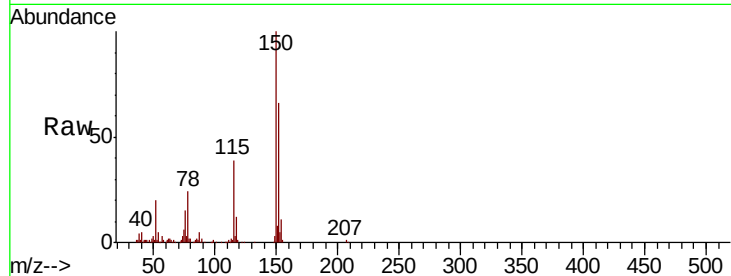


#1

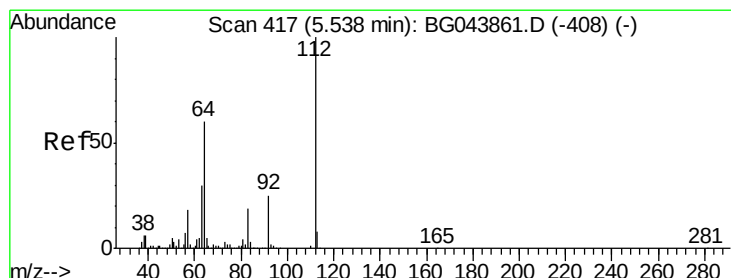
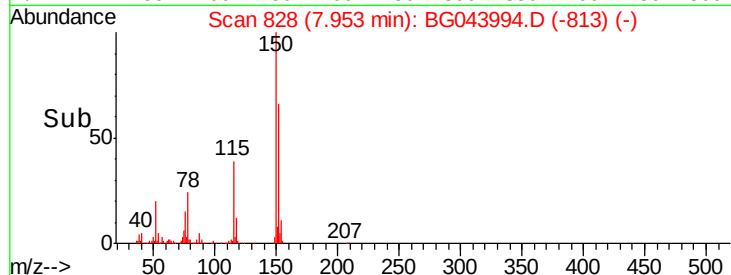
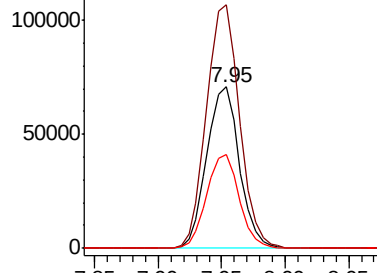
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043994.D
Acq: 9 Jan 2020 9:45

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	127.0	190.4
115	58.1	47.8	71.8



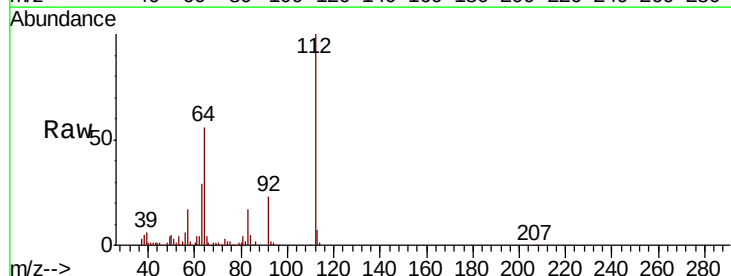
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



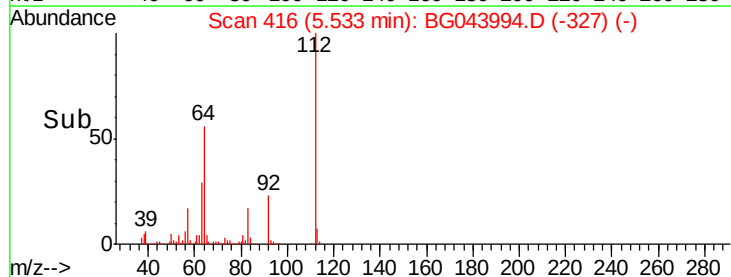
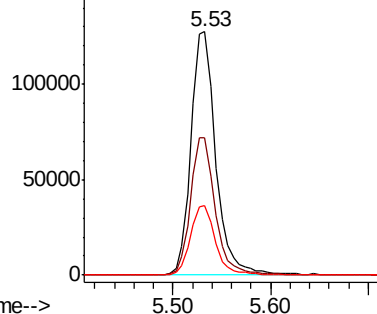
#5

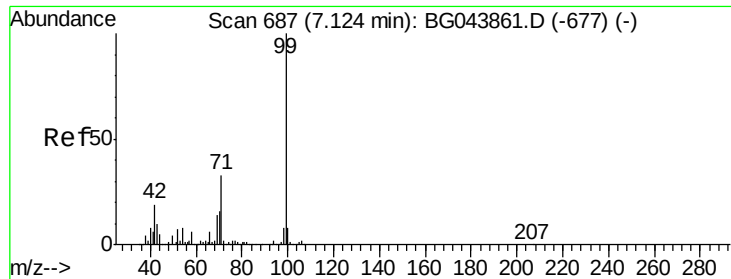
2-Fluorophenol
Concen: 32.774 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043994.D
Acq: 9 Jan 2020 9:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.8	71.6
63	28.8	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: 63.368 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-C

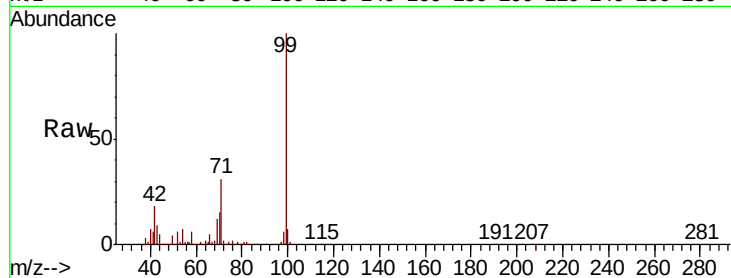
Tot Ion: 99 Resp: 608780

Ion Ratio Lower Upper

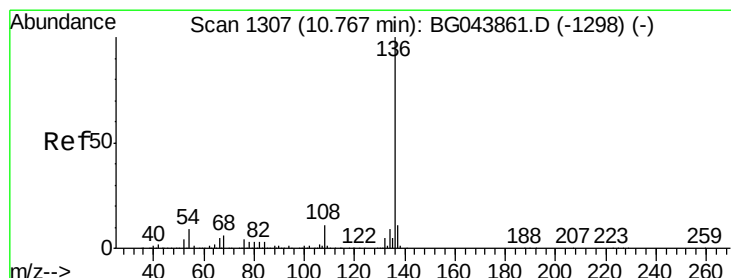
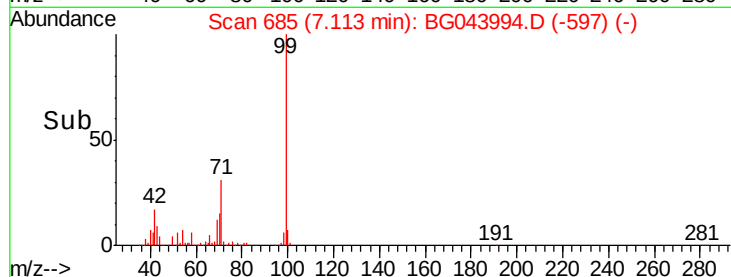
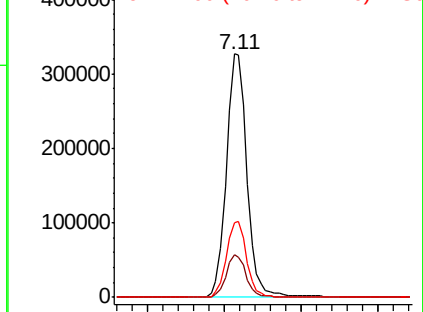
99 100

42 17.5 14.9 22.3

71 30.9 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: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

Tgt Ion: 136 Resp: 495846

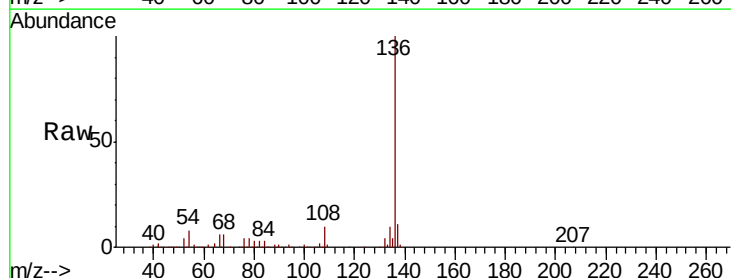
Ion Ratio Lower Upper

136 100

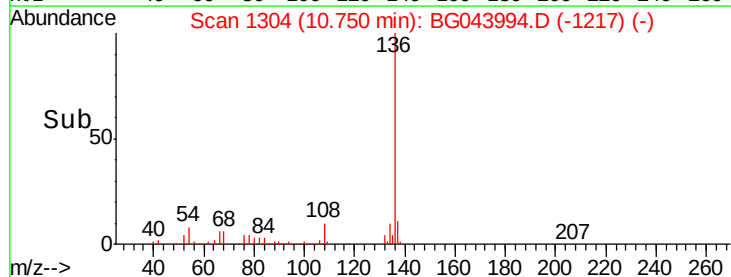
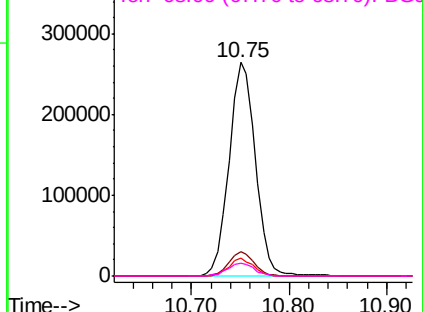
137 11.2 8.8 13.2

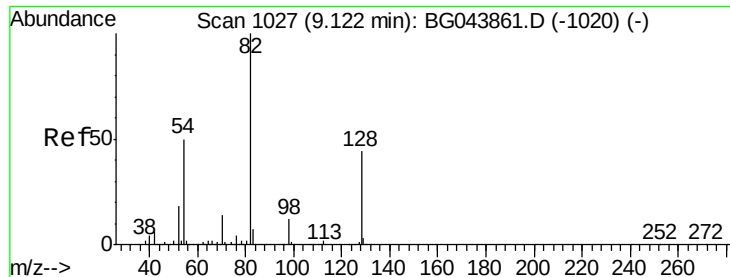
54 8.1 7.0 10.4

68 6.3 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: 56.488 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-C

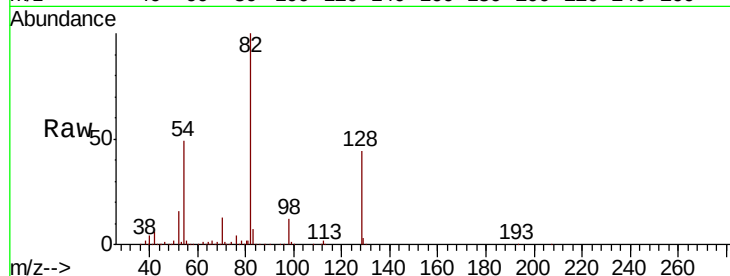
Tot Ion: 82 Resp: 523581

Ion Ratio Lower Upper

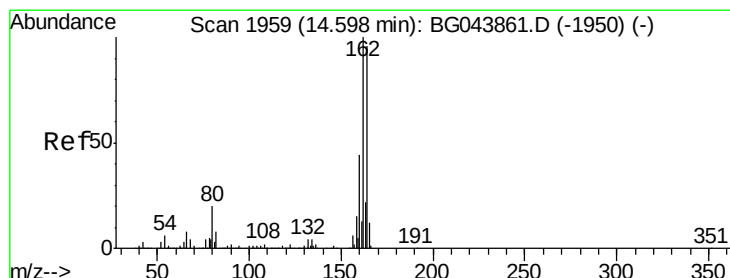
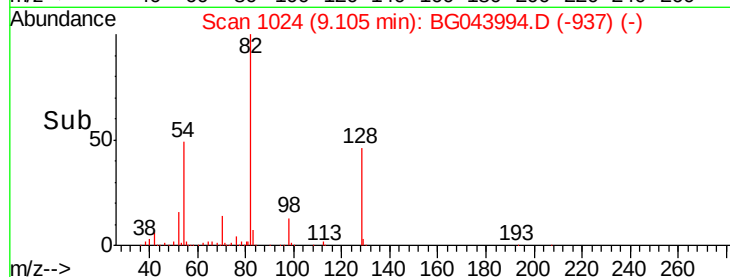
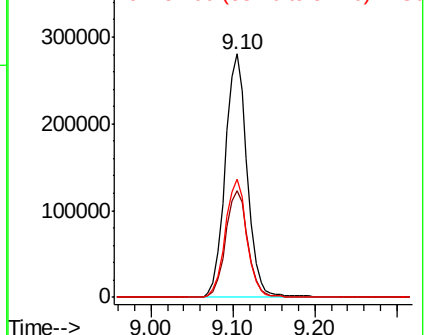
82 100

128 43.7 35.1 52.7

54 48.5 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: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

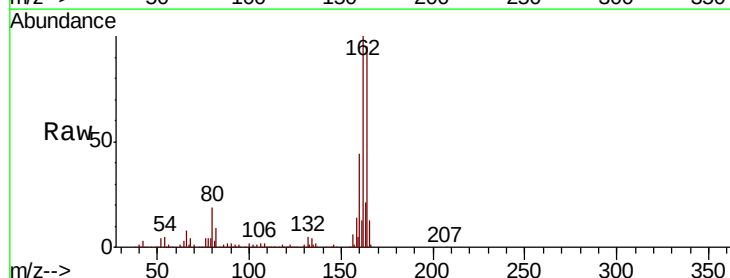
Tgt Ion:164 Resp: 315098

Ion Ratio Lower Upper

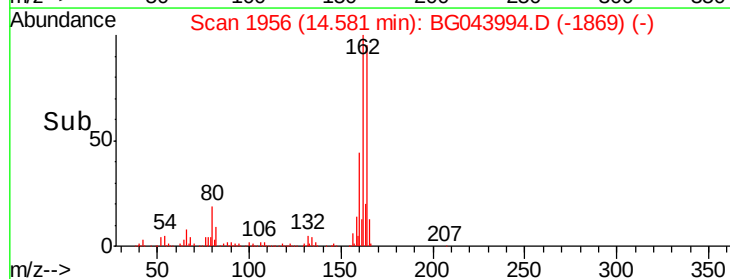
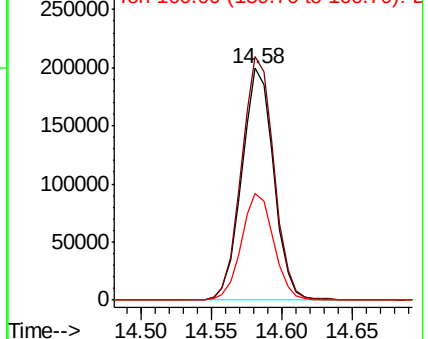
164 100

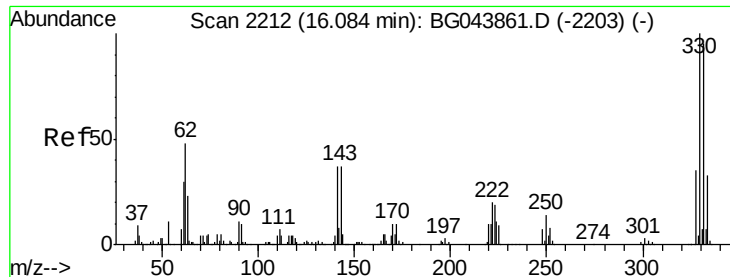
162 105.1 83.0 124.4

160 46.2 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

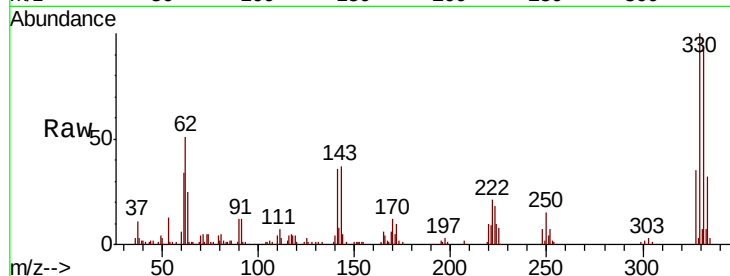




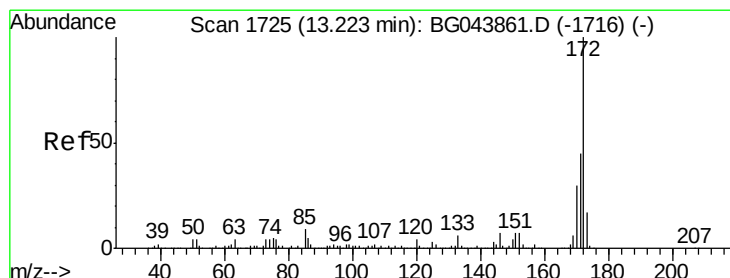
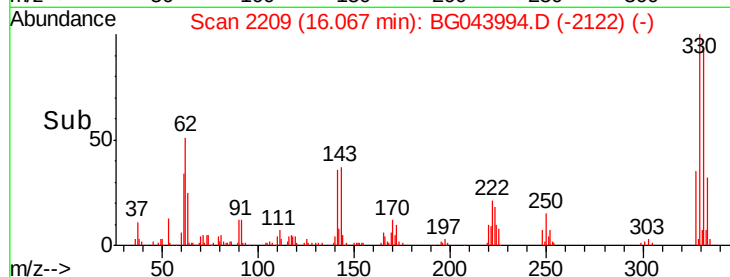
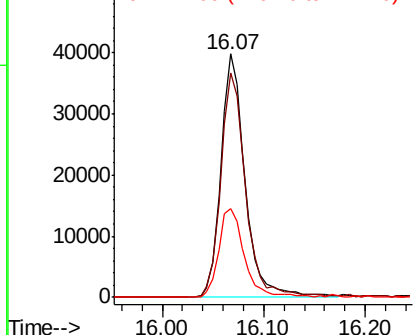
#42
 2,4,6-Tribromophenol
 Concen: 19.957 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BG043994.D
 Acq: 9 Jan 2020 9:45

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-C

Tot Ion:330 Resp: 65806
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.2 115.8
 141 38.5 33.1 49.7

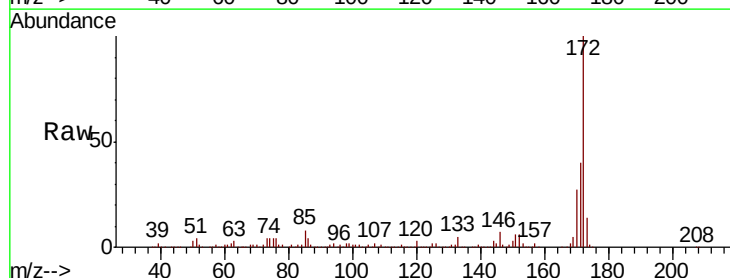


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

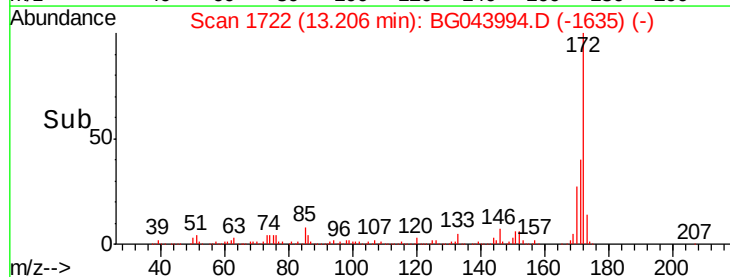
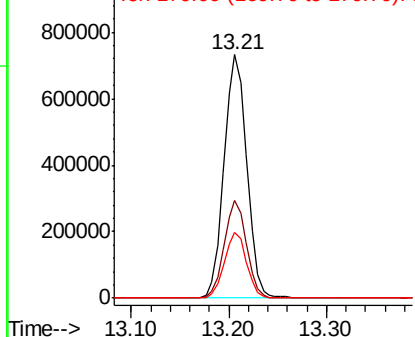


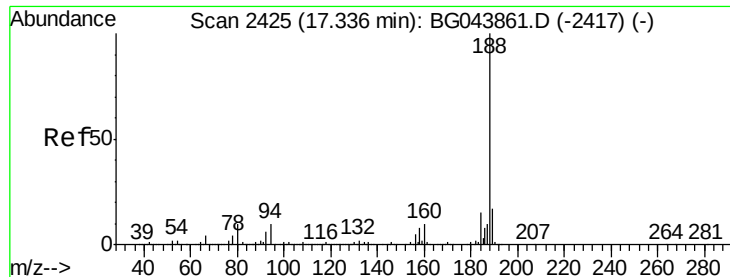
#45
 2-Fluorobiphenyl
 Concen: 68.077 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG043994.D
 Acq: 9 Jan 2020 9:45

Tgt Ion:172 Resp: 1183969
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.8 53.8
 170 27.2 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: BG043994.D

Acq: 9 Jan 2020 9:45

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-C

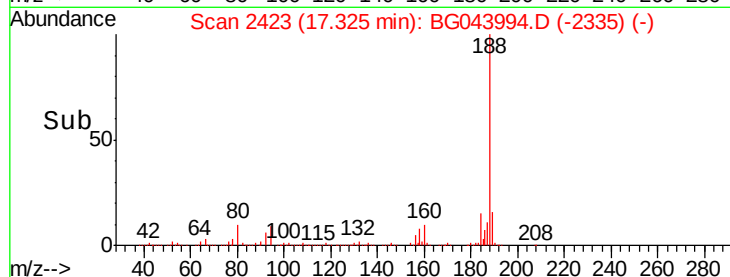
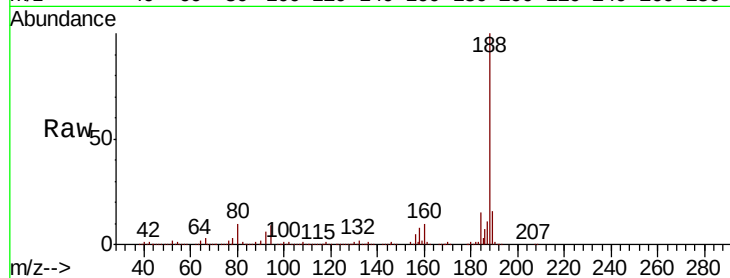
Tot Ion:188 Resp: 706297

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

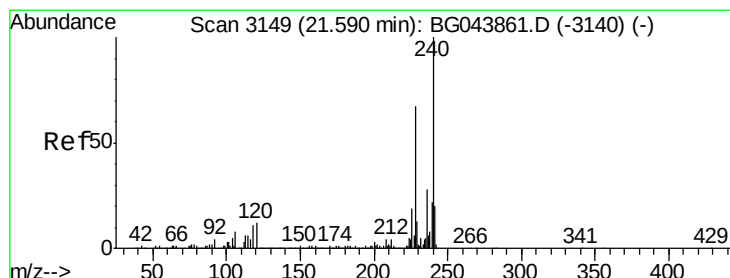
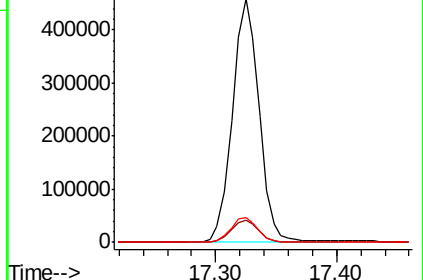
80 10.4 8.2 12.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

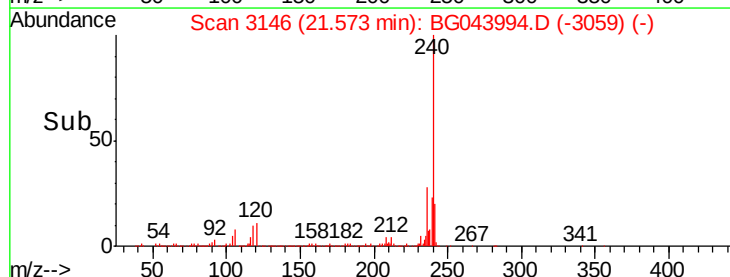
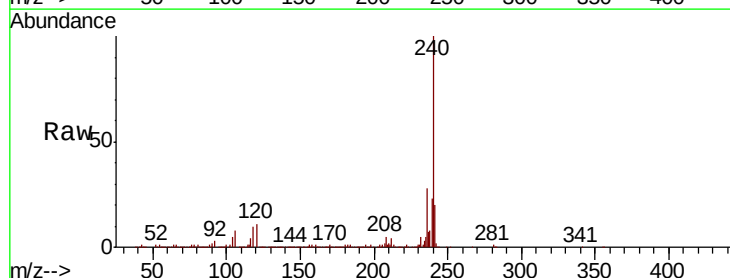
Tgt Ion:240 Resp: 603774

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

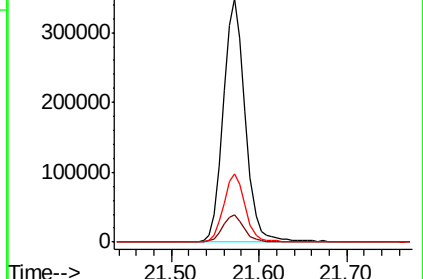
236 28.0 22.2 33.2

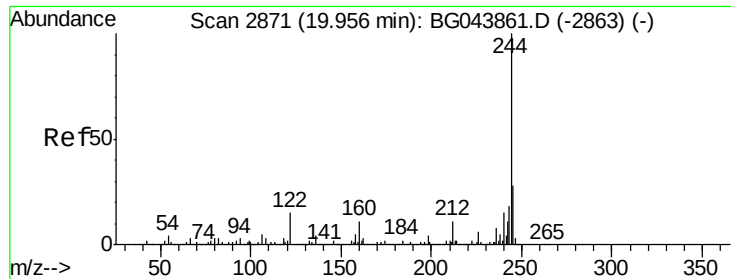


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.002 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-C

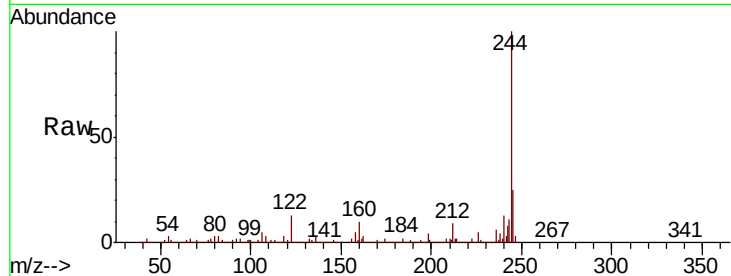
Tot Ion:244 Resp: 1801458

Ion Ratio Lower Upper

244 100

212 9.5 8.6 13.0

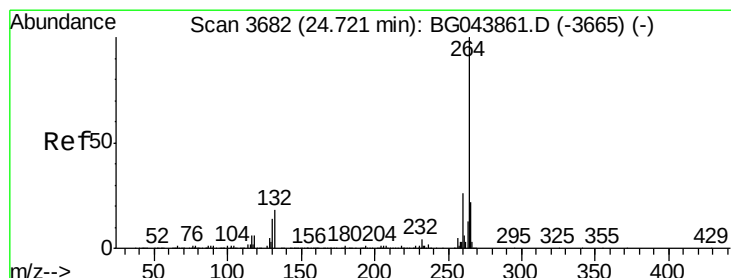
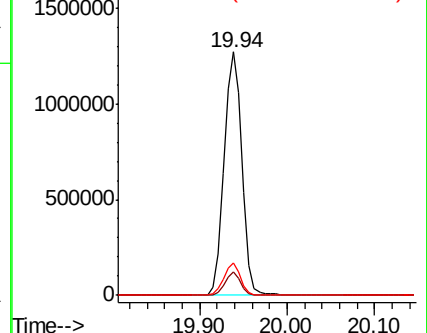
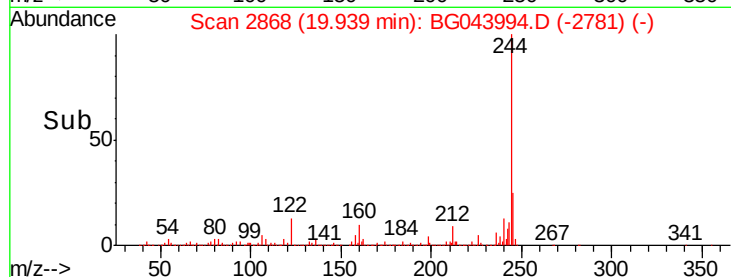
122 13.3 11.9 17.9



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: 24.69 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG043994.D

Acq: 9 Jan 2020 9:45

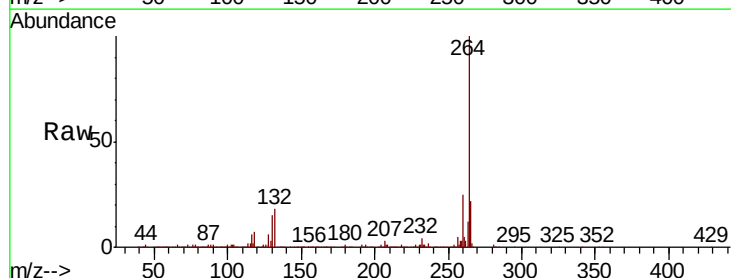
Tgt Ion:264 Resp: 666021

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.7 17.4 26.2



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

