

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG043998.D
 Acq On : 10 Jan 2020 12:04
 Operator : JU
 Sample : L1048-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-F

Quant Time: Jan 11 05:50:15 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	102707	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	426547	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	280421	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	630701	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	571223	20.00	ng	-0.02
87) Perylene-d12	24.69	264	629890	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	78665	14.06	ng	0.00
7) Phenol-d6	7.12	99	266572	34.09	ng	0.00
23) Nitrobenzene-d5	9.10	82	293602	36.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	25581	8.72	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	730666	47.21	ng	-0.01
79) Terphenyl-d14	19.94	244	1221184	43.96	ng	-0.02

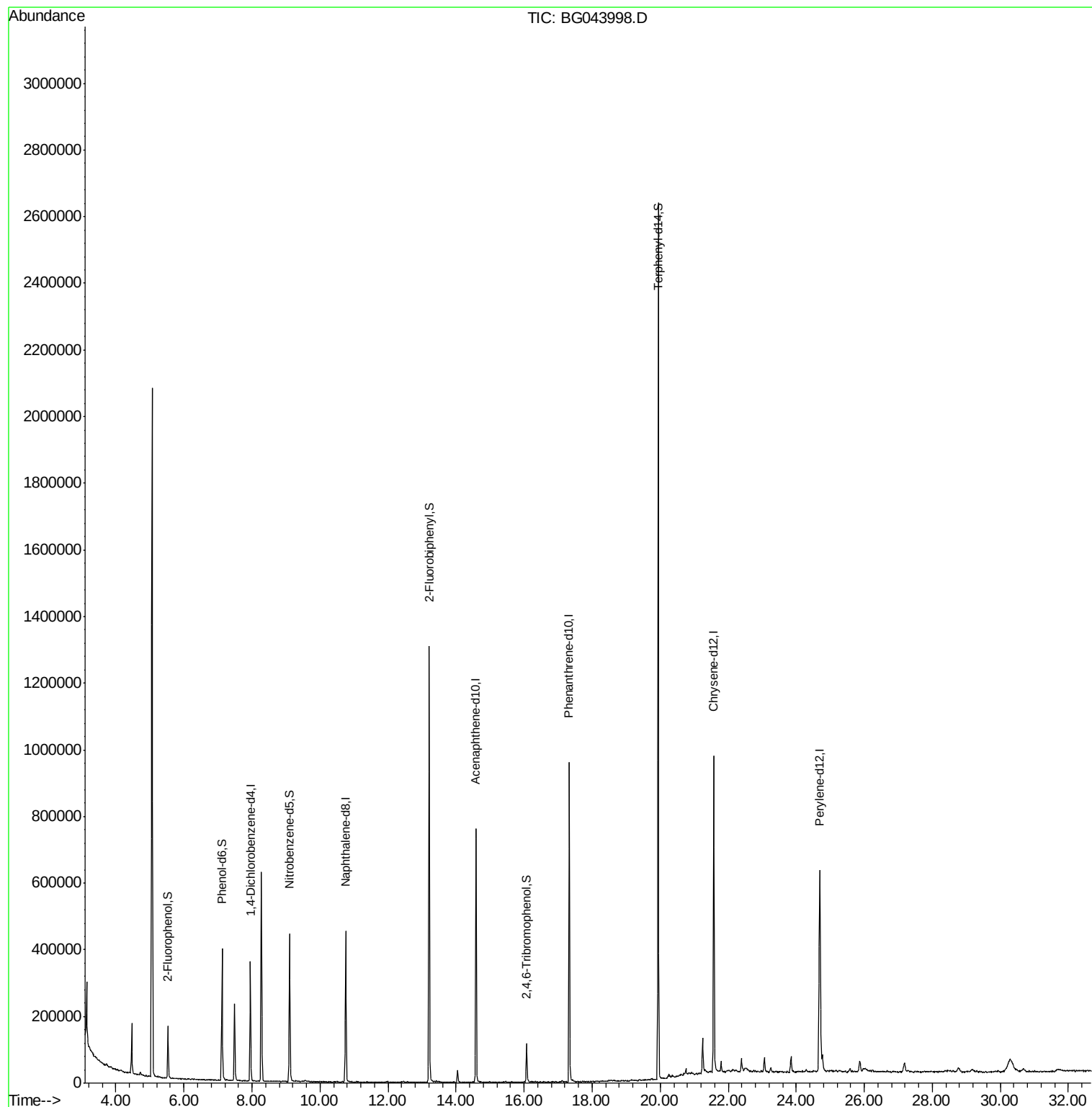
Target Compounds Qvalue

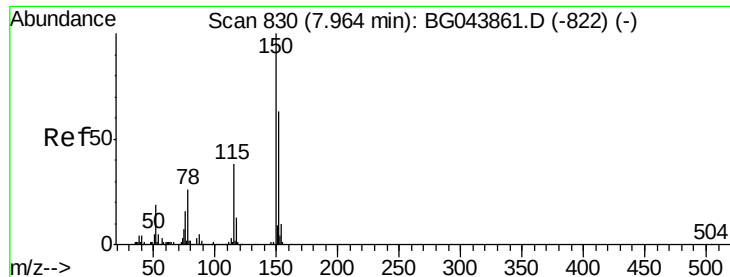
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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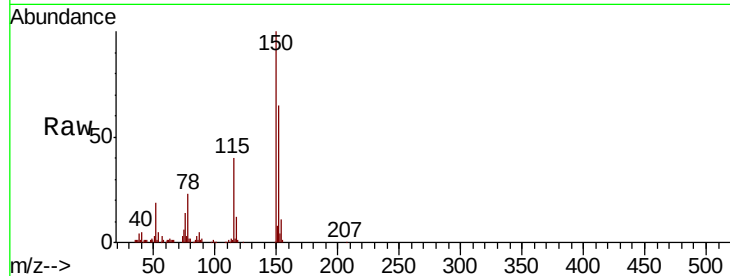


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043998.D
Acq: 10 Jan 2020 12:04

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.0	190.4
115	60.9	47.8	71.8

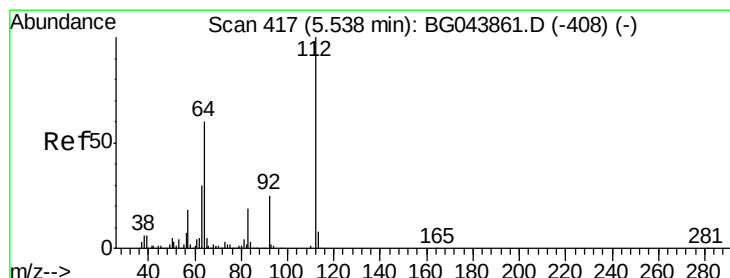
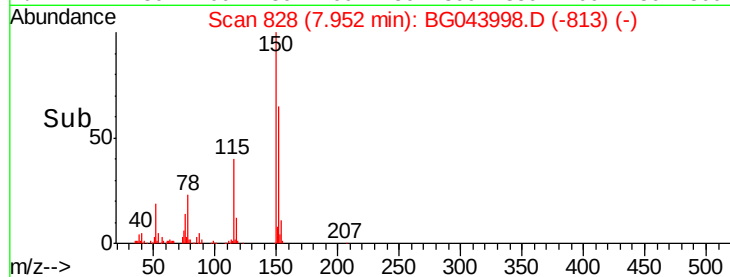
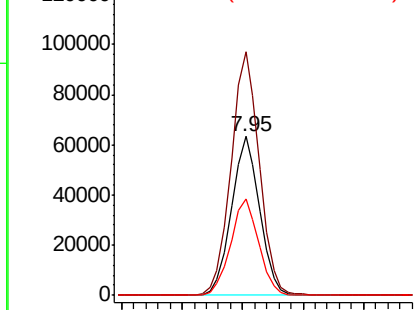


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

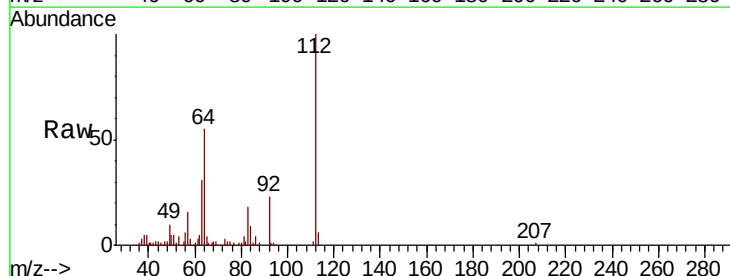
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.063 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043998.D
Acq: 10 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.8	71.6
63	30.7	24.3	36.5

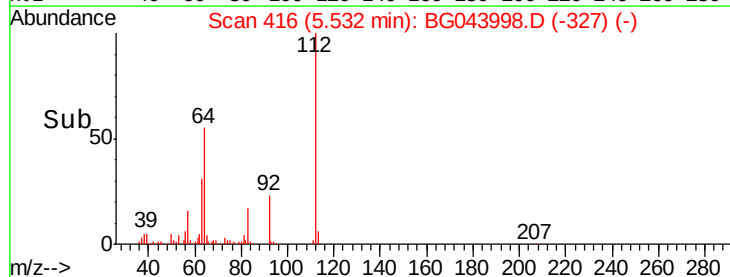
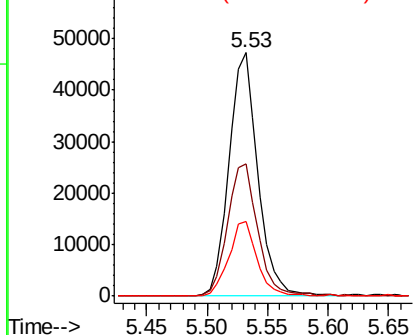


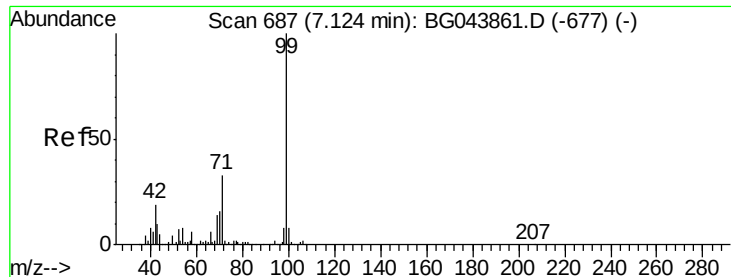
Abundance

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: 34.093 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043998.D

Acq: 10 Jan 2020 12:04

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-F

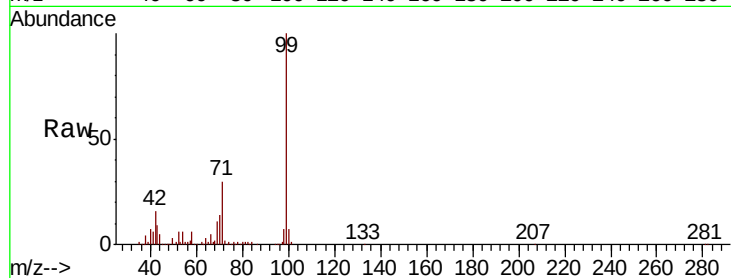
Tot Ion: 99 Resp: 266572

Ion Ratio Lower Upper

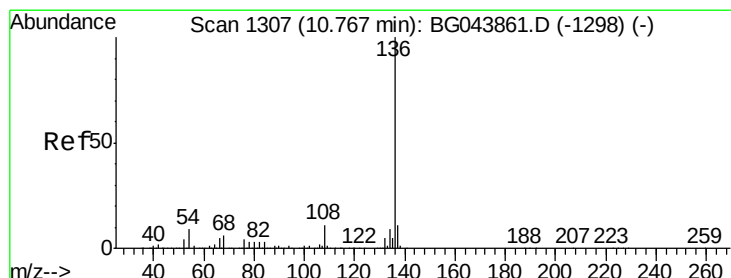
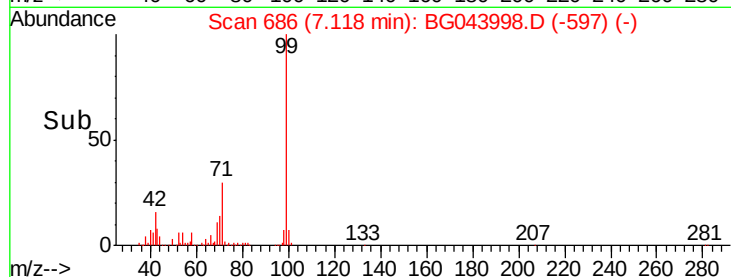
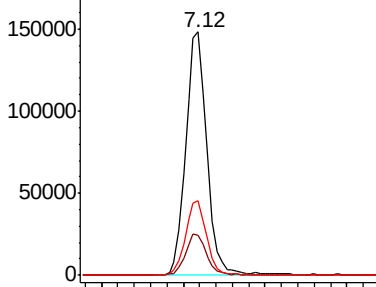
99 100

42 16.4 14.9 22.3

71 30.5 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: BG043998.D

Acq: 10 Jan 2020 12:04

Tgt Ion: 136 Resp: 426547

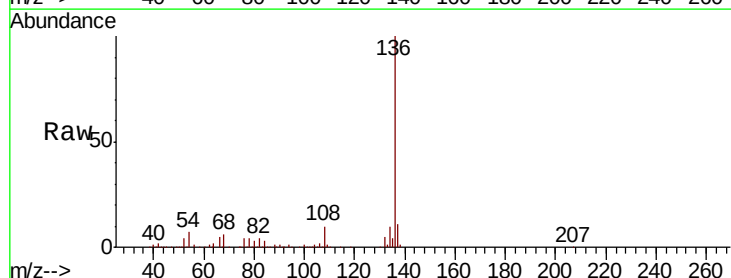
Ion Ratio Lower Upper

136 100

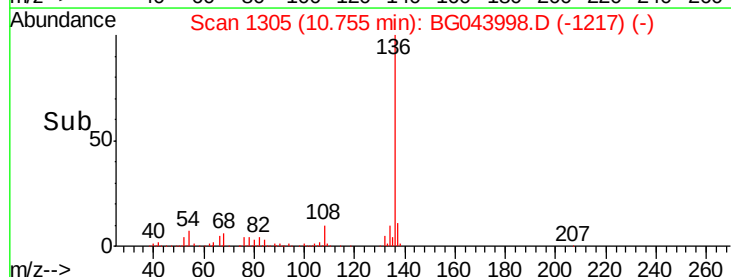
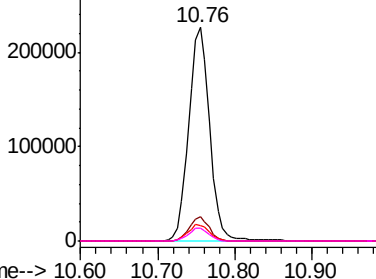
137 11.2 8.8 13.2

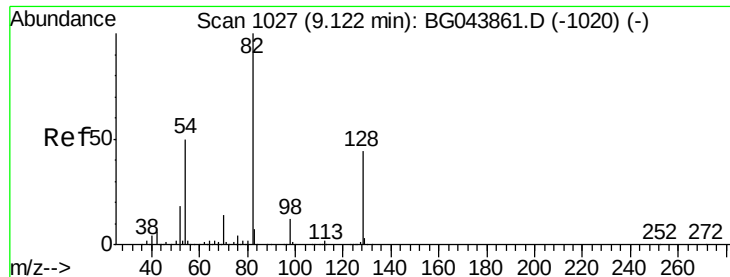
54 7.3 7.0 10.4

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

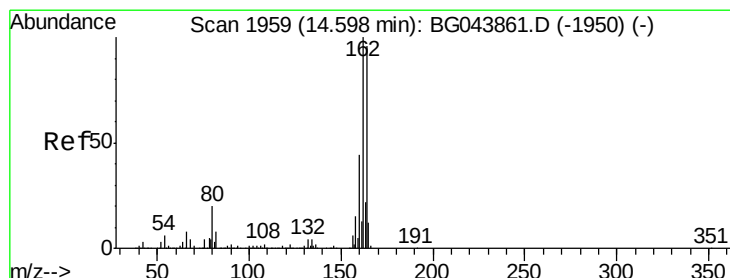
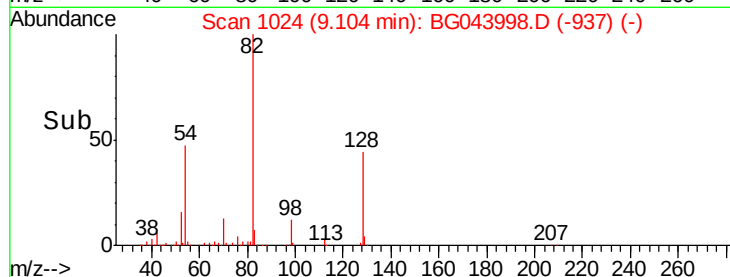
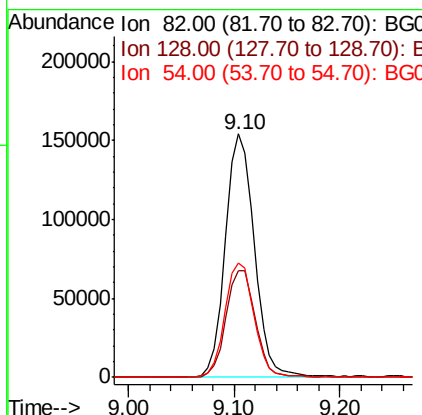
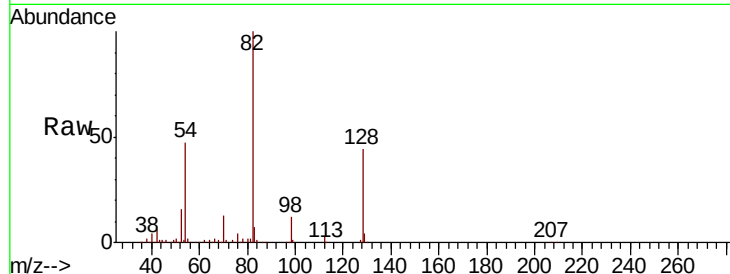




#23
Nitrobenzene-d5
Concen: 36.822 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043998.D
Acq: 10 Jan 2020 12:04

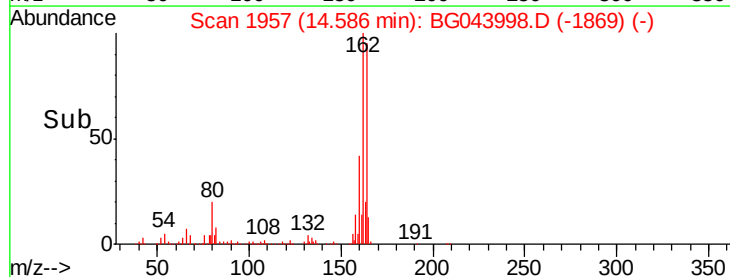
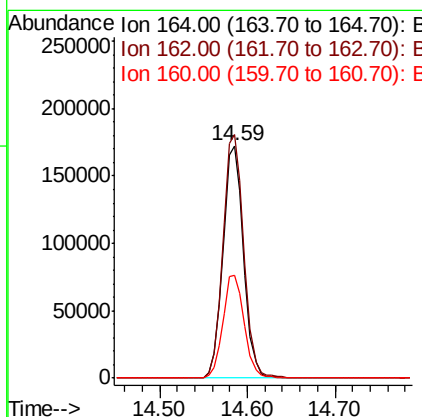
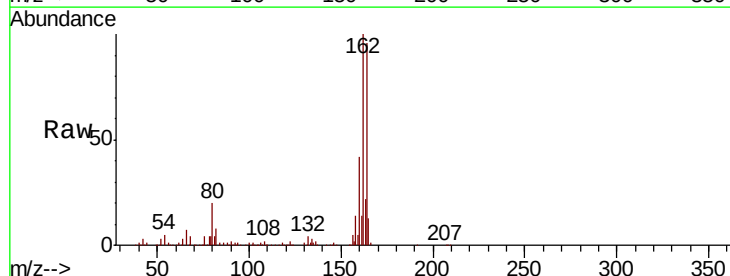
Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

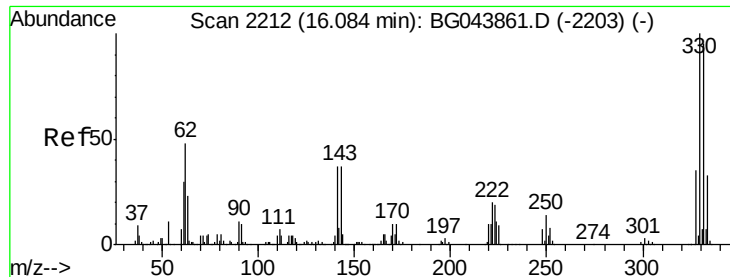
Tot Ion	82	Resp	293602
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.1	52.7
54	47.0	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043998.D
Acq: 10 Jan 2020 12:04

Tgt Ion	164	Resp	280421
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.0	124.4
160	44.2	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 8.717 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043998.D

Acq: 10 Jan 2020 12:04

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-F

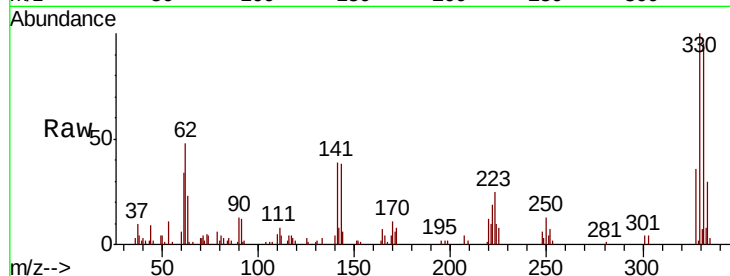
Tot Ion:330 Resp: 25581

Ion Ratio Lower Upper

330 100

332 92.0 77.2 115.8

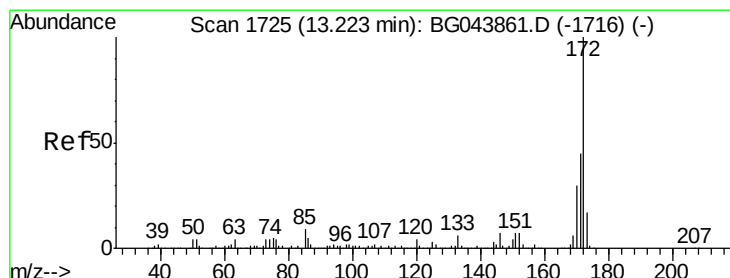
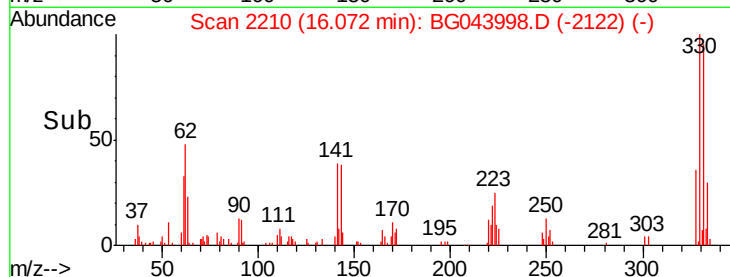
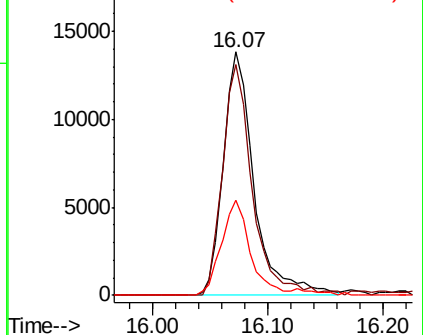
141 36.5 33.1 49.7



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: 47.208 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG043998.D

Acq: 10 Jan 2020 12:04

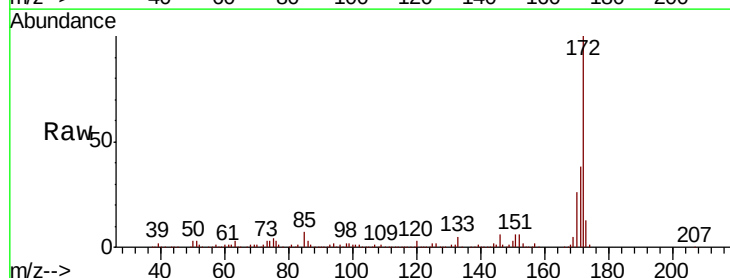
Tgt Ion:172 Resp: 730666

Ion Ratio Lower Upper

172 100

171 38.1 35.8 53.8

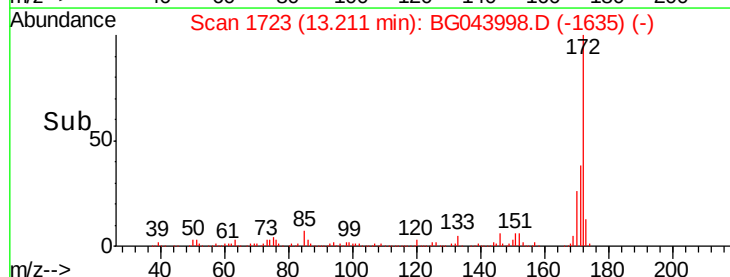
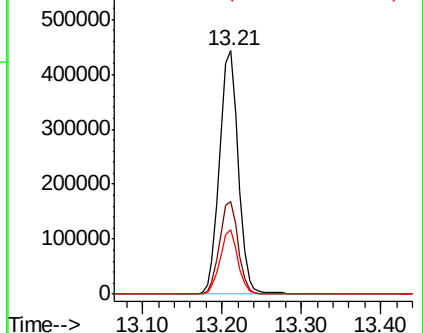
170 26.2 24.2 36.4

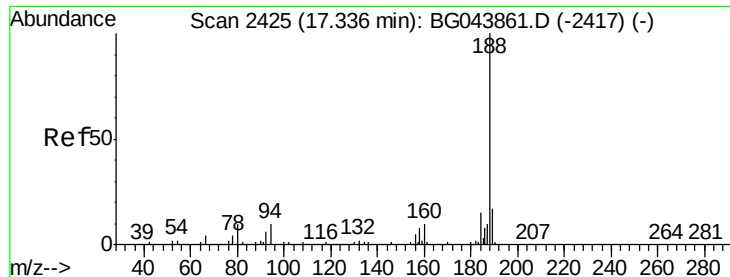


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

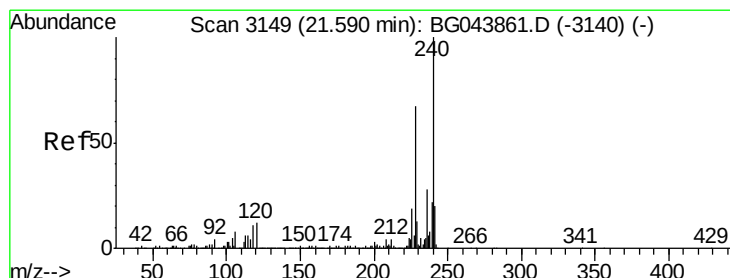
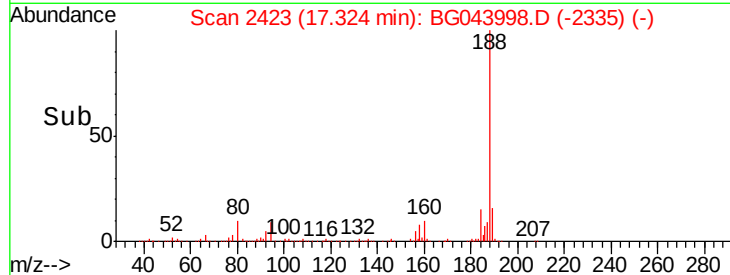
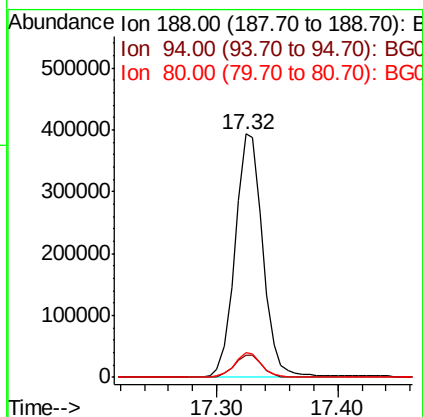
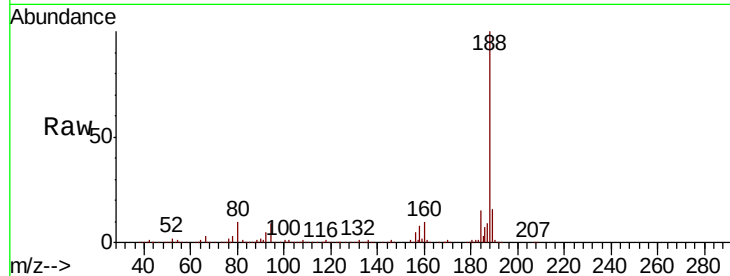




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043998.D
Acq: 10 Jan 2020 12:04

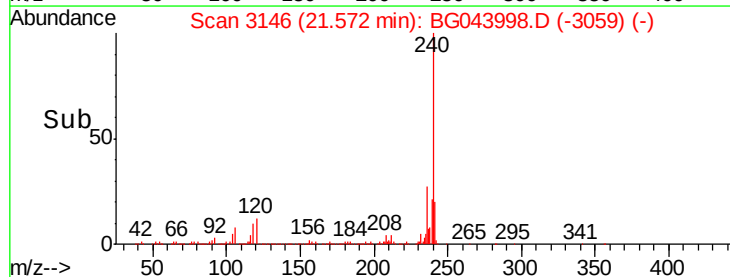
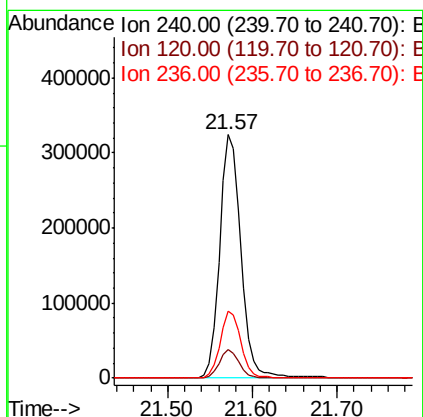
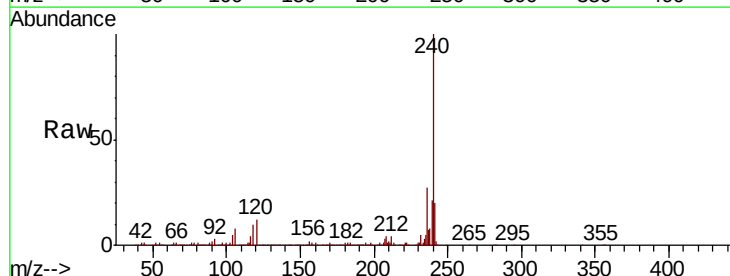
Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

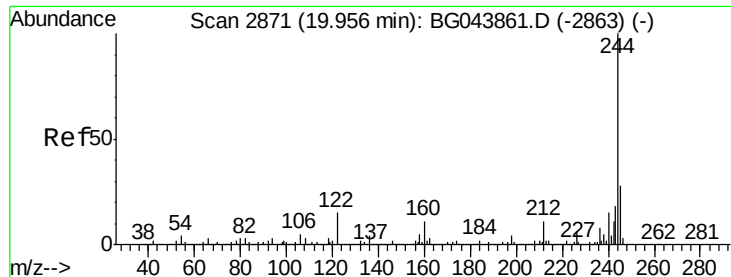
Tot Ion:188 Resp: 630701
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043998.D
Acq: 10 Jan 2020 12:04

Tgt Ion:240 Resp: 571223
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 27.3 22.2 33.2

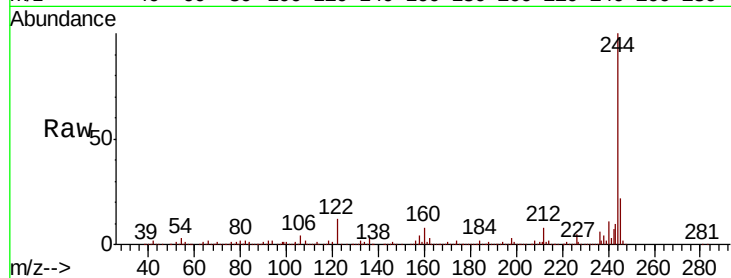




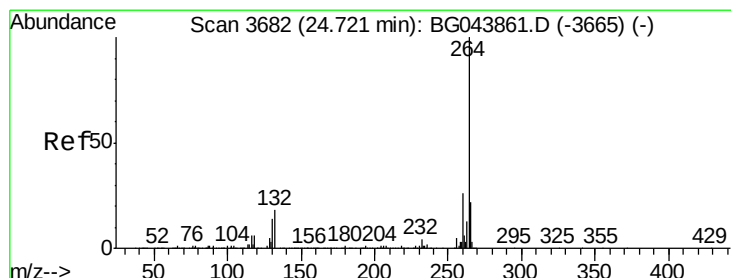
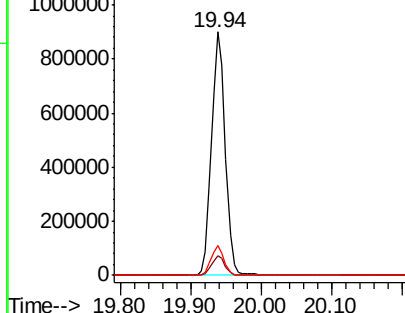
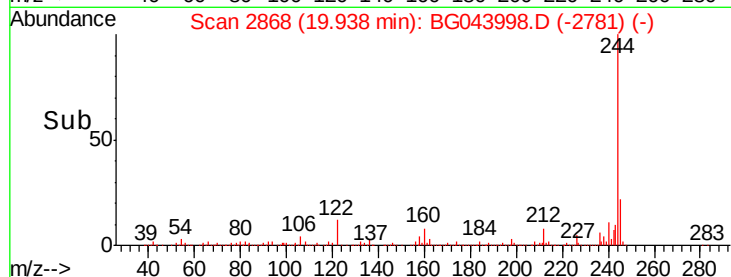
#79
 Terphenyl-d14
 Concen: 43.957 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG043998.D
 Acq: 10 Jan 2020 12:04

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-F

Tot Ion:244 Resp: 1221184
 Ion Ratio Lower Upper
 244 100
 212 8.2 8.6 13.0#
 122 12.1 11.9 17.9

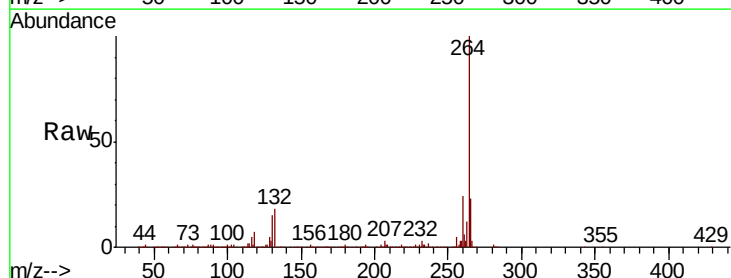


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3677
 Delta R.T. -0.03 min
 Lab File: BG043998.D
 Acq: 10 Jan 2020 12:04

Tgt Ion:264 Resp: 629890
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.4 30.6
 265 22.8 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

