

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043991.D
 Acq On : 9 Jan 2020 7:47
 Operator : JU
 Sample : L1048-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-F

Quant Time: Jan 10 02:52:48 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	104056	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	420313	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	272412	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	618470	20.00	ng	0.00
76) Chrysene-d12	21.57	240	555951	20.00	ng	-0.02
87) Perylene-d12	24.69	264	612477	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	82587	14.57	ng	0.00
7) Phenol-d6	7.11	99	265587	33.53	ng	0.00
23) Nitrobenzene-d5	9.11	82	239464	30.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	24771	8.69	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	600098	39.91	ng	-0.02
79) Terphenyl-d14	19.94	244	1011145	35.51	ng	-0.02

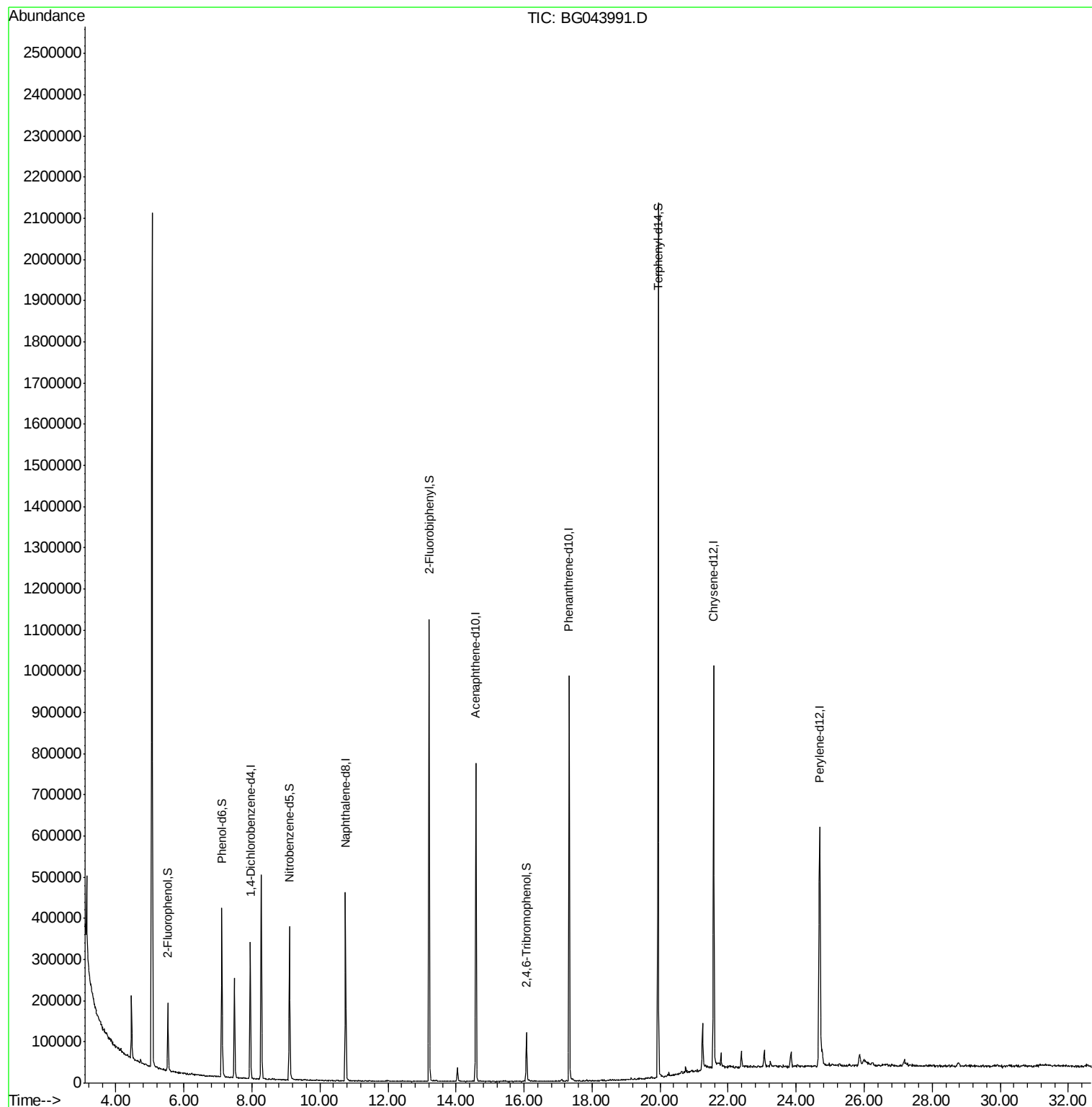
Target Compounds Qvalue

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

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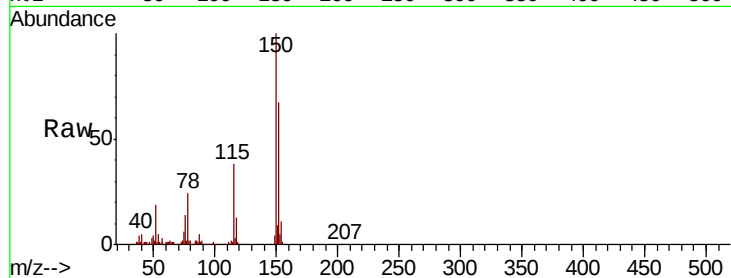


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	127.0	190.4
115	55.8	47.8	71.8

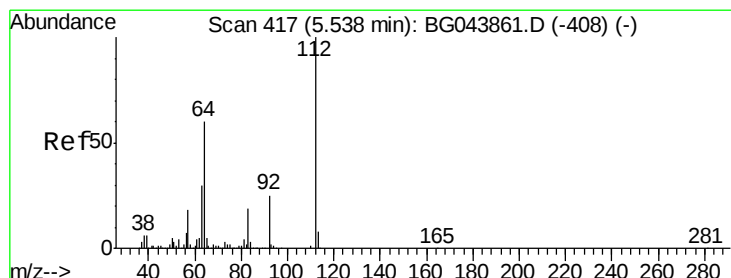
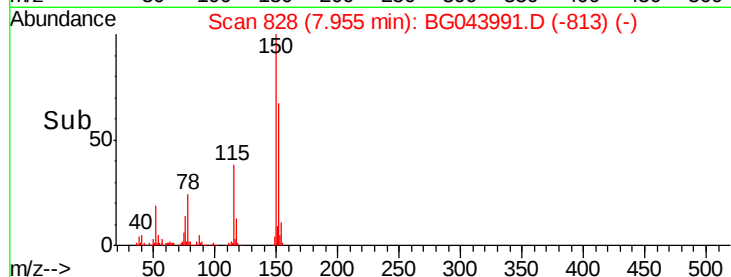
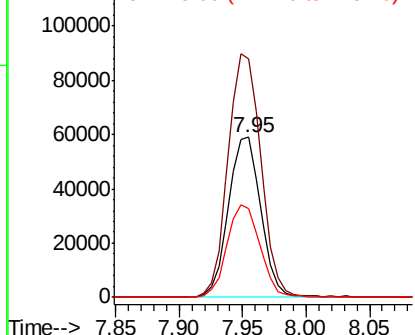


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

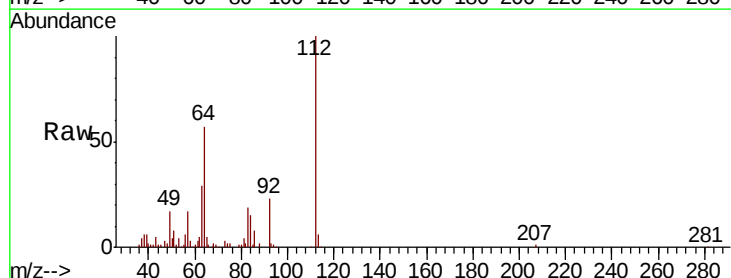
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.573 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.8	71.6
63	29.1	24.3	36.5

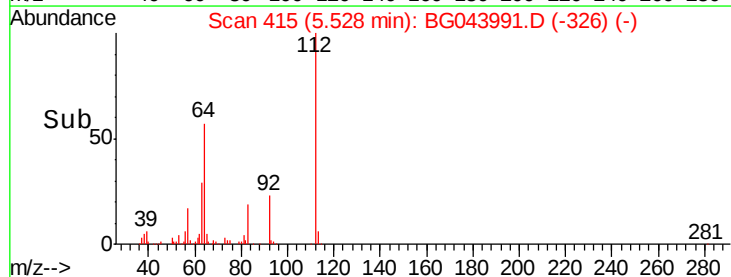
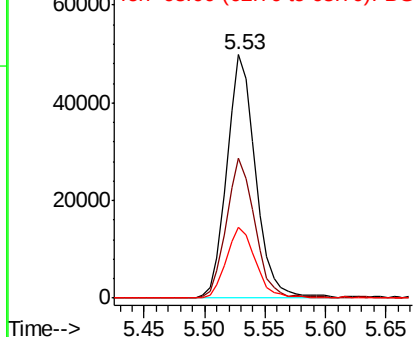


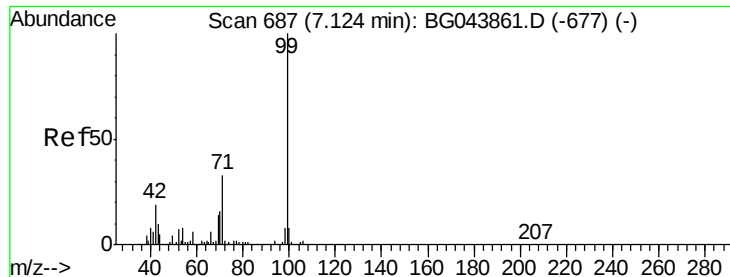
Abundance

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: 33.527 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG043991.D

Acq: 9 Jan 2020 7:47

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-F

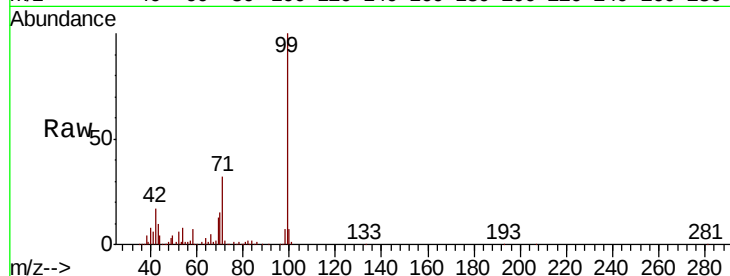
Tot Ion: 99 Resp: 265587

Ion Ratio Lower Upper

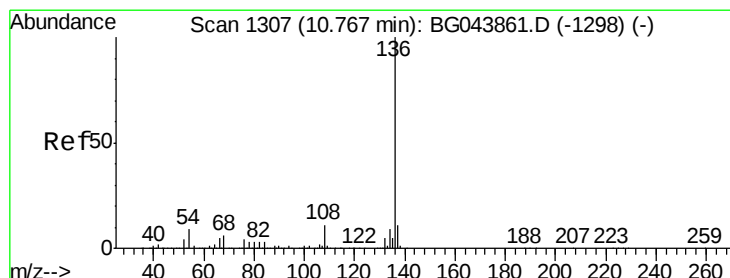
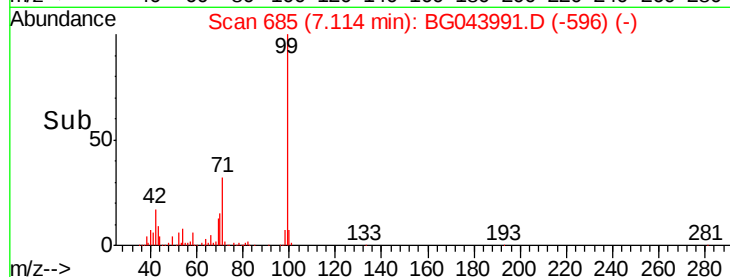
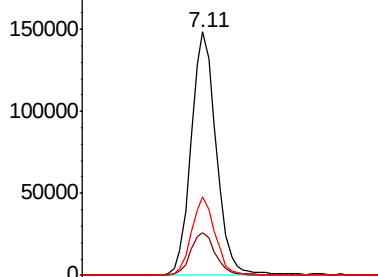
99 100

42 17.4 14.9 22.3

71 32.3 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: BG043991.D

Acq: 9 Jan 2020 7:47

Tgt Ion: 136 Resp: 420313

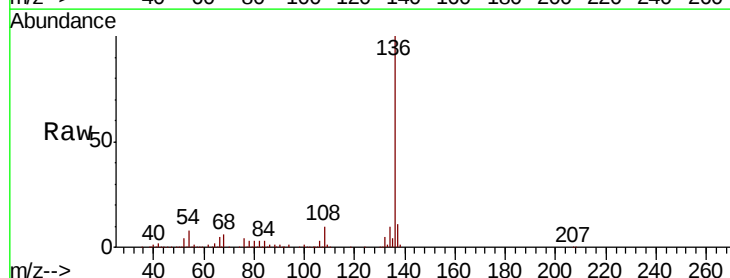
Ion Ratio Lower Upper

136 100

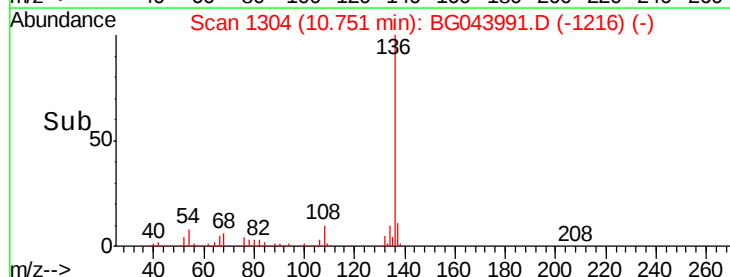
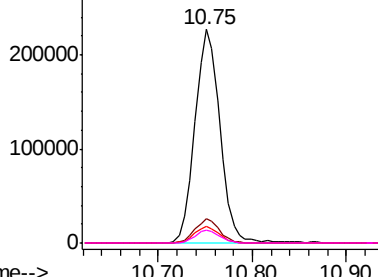
137 11.3 8.8 13.2

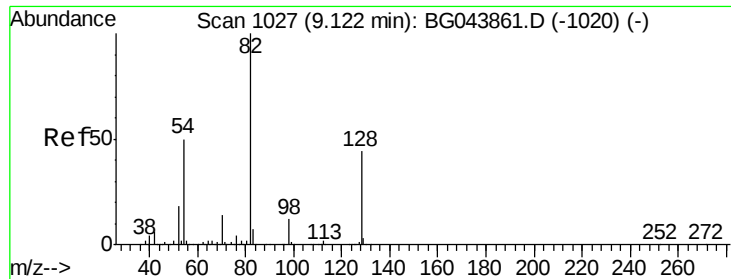
54 7.8 7.0 10.4

68 5.9 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

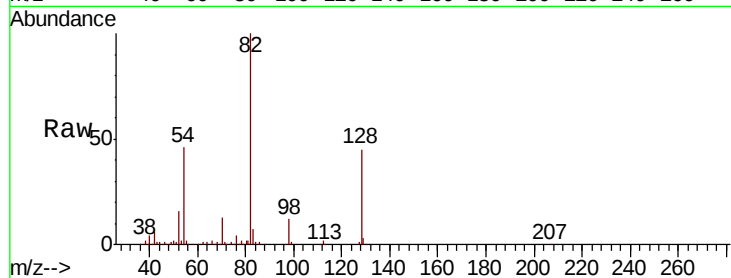




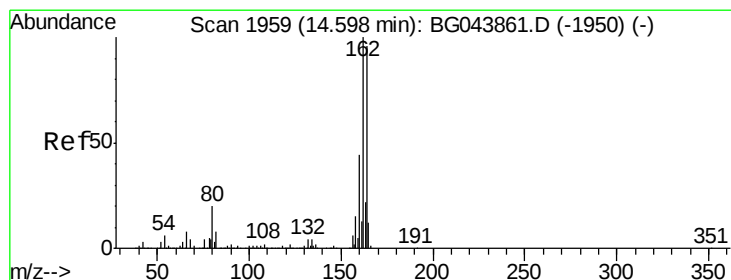
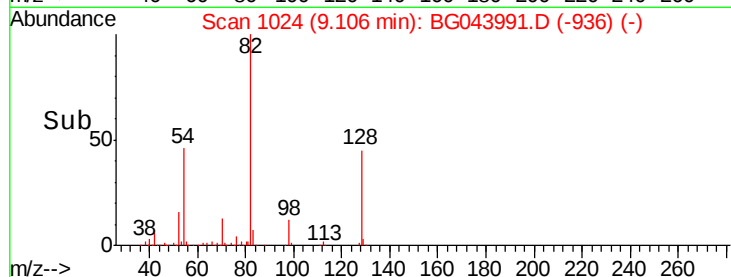
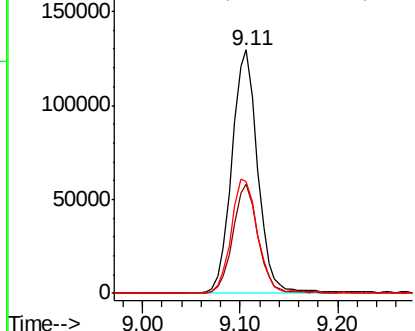
#23
Nitrobenzene-d5
Concen: 30.478 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-F

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	46.1	40.1	60.1

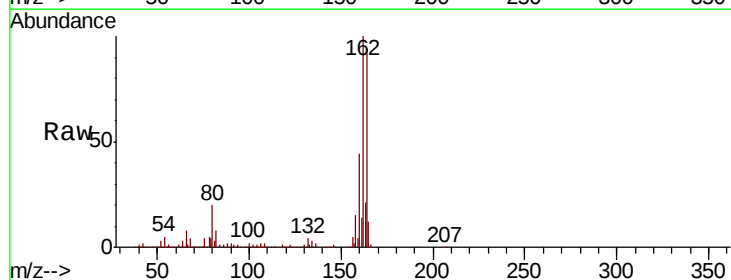


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

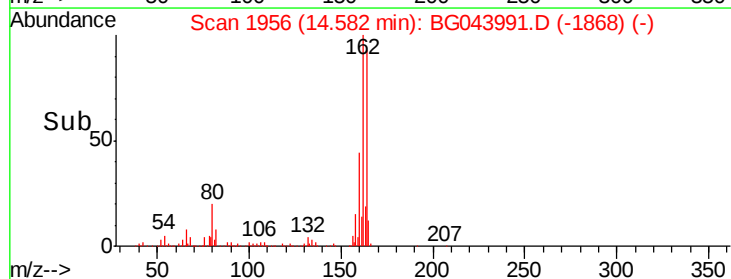
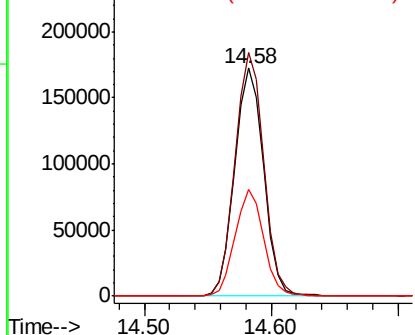


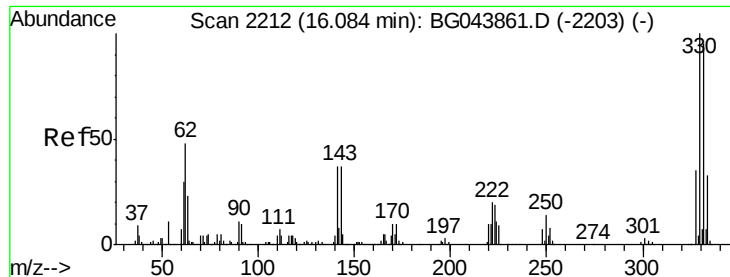
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.0	124.4
160	46.7	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

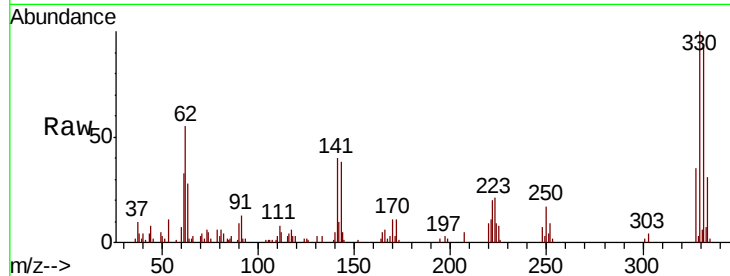




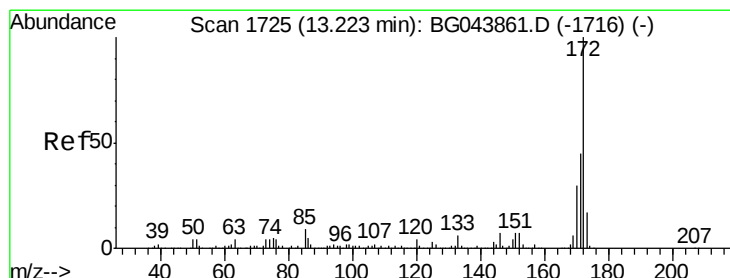
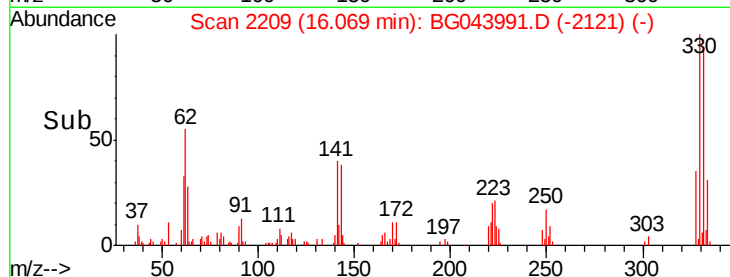
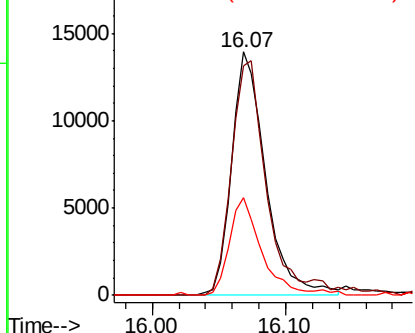
#42
 2,4,6-Tribromophenol
 Concen: 8.689 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-F

Tot Ion:330 Resp: 24771
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.2 115.8
 141 38.7 33.1 49.7

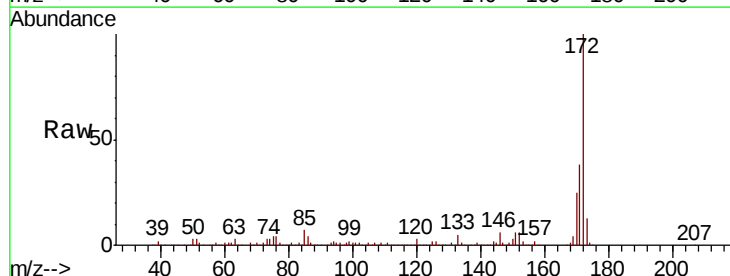


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

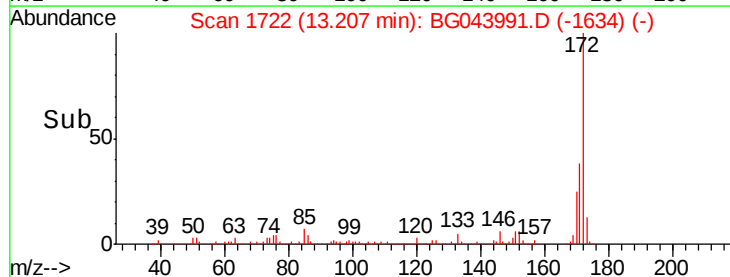
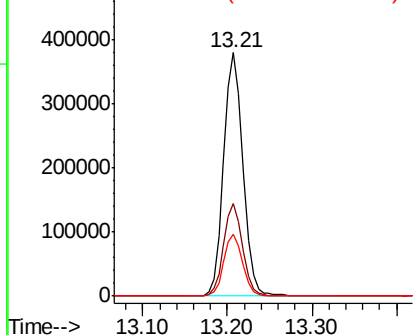


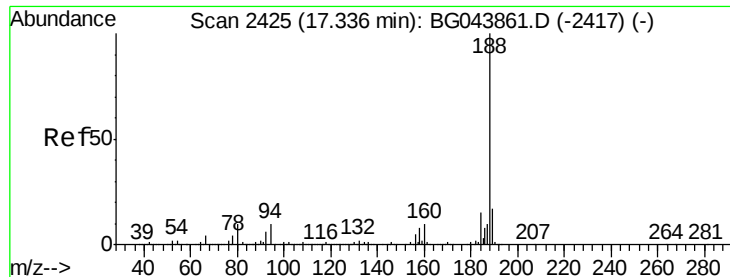
#45
 2-Fluorobiphenyl
 Concen: 39.912 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG043991.D
 Acq: 9 Jan 2020 7:47

Tgt Ion:172 Resp: 600098
 Ion Ratio Lower Upper
 172 100
 171 38.2 35.8 53.8
 170 25.4 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

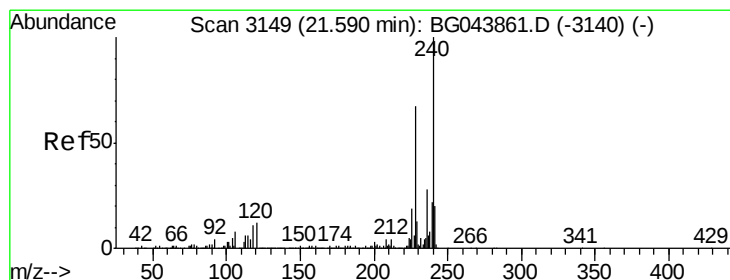
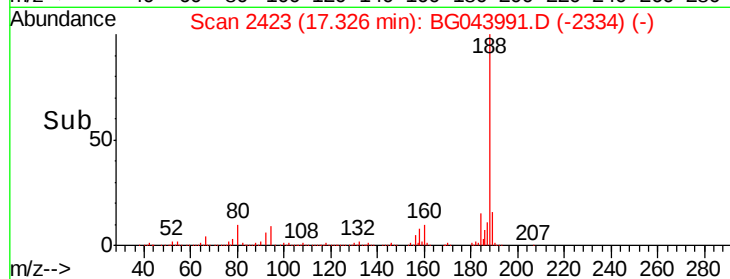
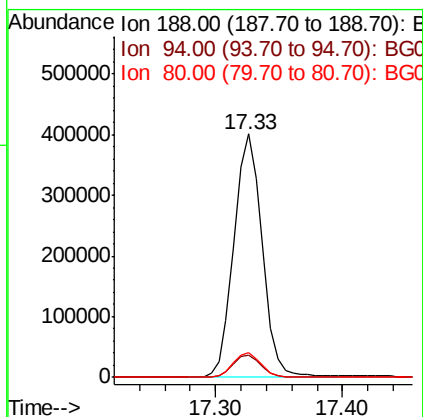
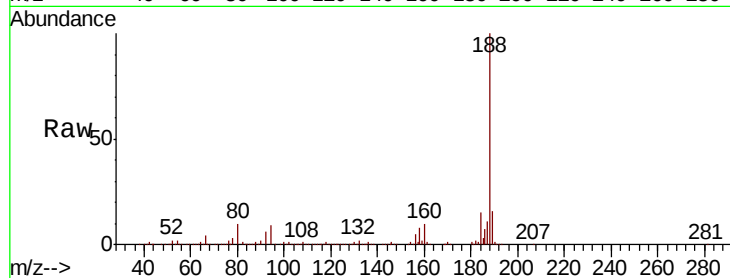




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

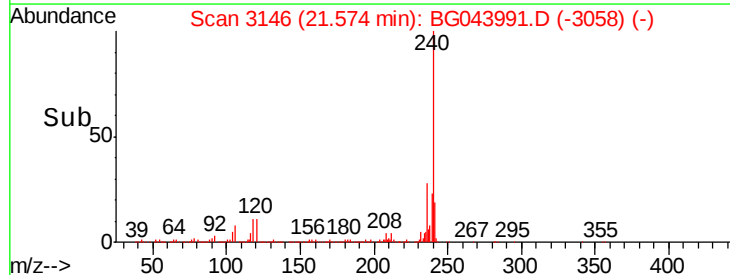
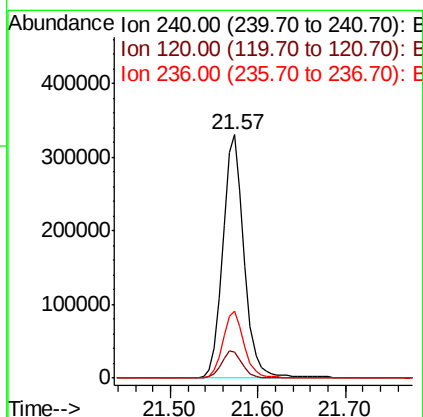
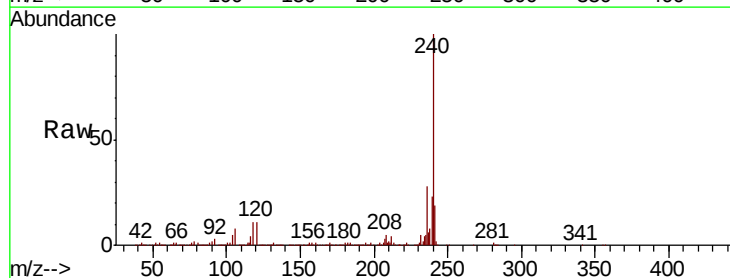
Instrument :
BNA_G
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FRONT-PIER-F

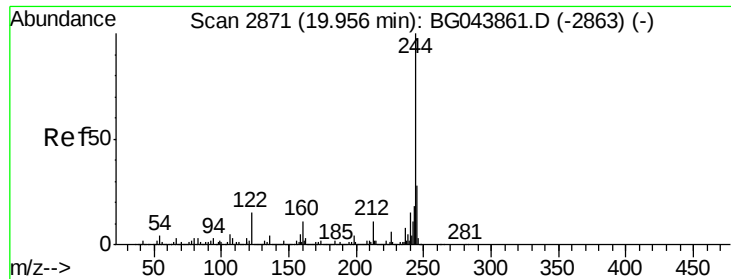
Tot Ion:188 Resp: 618470
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043991.D
Acq: 9 Jan 2020 7:47

Tgt Ion:240 Resp: 555951
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 27.5 22.2 33.2





#79

Terphenyl-d14

Concen: 35.514 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG043991.D

Acq: 9 Jan 2020 7:47

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-F

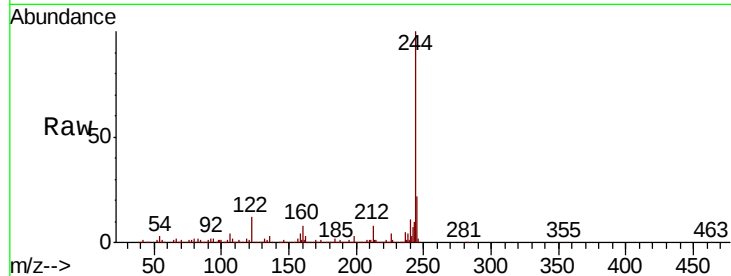
Tot Ion:244 Resp: 1011145

Ion Ratio Lower Upper

244 100

212 8.0 8.6 13.0#

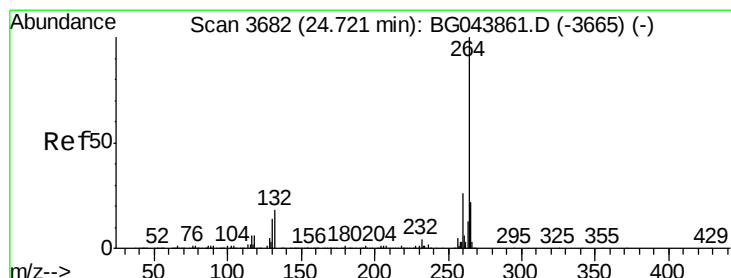
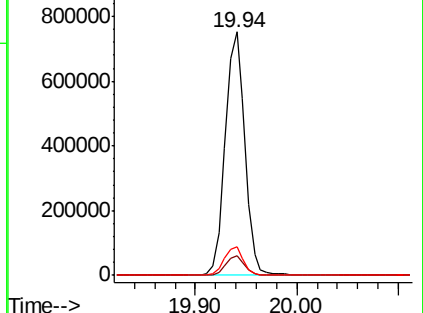
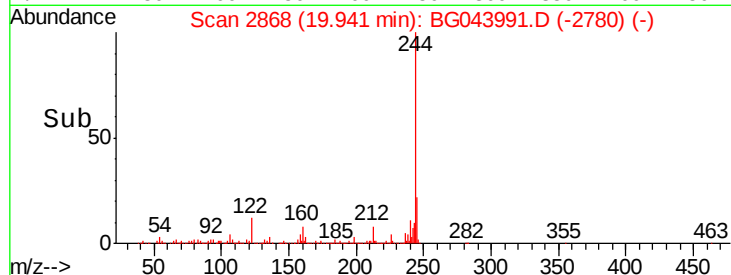
122 11.6 11.9 17.9#



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: BG043991.D

Acq: 9 Jan 2020 7:47

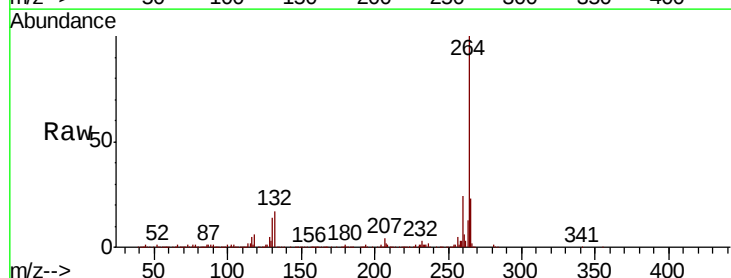
Tgt Ion:264 Resp: 612477

Ion Ratio Lower Upper

264 100

260 24.4 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

