

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043995.D
 Acq On : 9 Jan 2020 10:24
 Operator : JU
 Sample : L1048-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-D

Quant Time: Jan 10 03:05:36 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

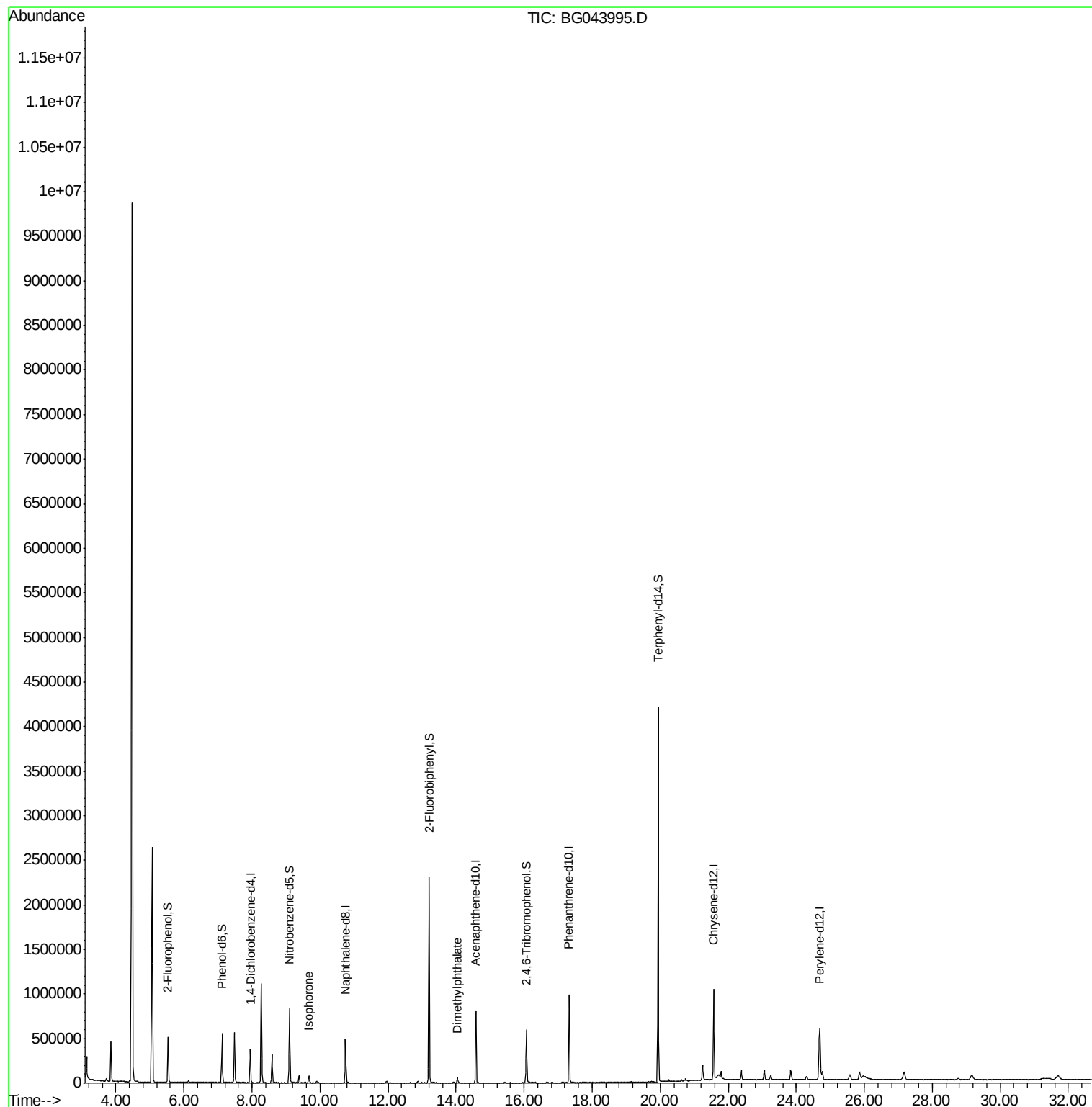
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113175	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	445704	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	291228	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	642459	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	568058	20.00	ng	-0.02
87) Perylene-d12	24.69	264	622818	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	251901	40.87	ng	0.00
7) Phenol-d6	7.12	99	361880	42.00	ng	0.00
23) Nitrobenzene-d5	9.10	82	527283	63.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	112627	36.96	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1222194	76.03	ng	-0.02
79) Terphenyl-d14	19.94	244	1875720	77.81	ng	-0.02
Target Compounds						
25) Isophorone	9.67	82	67517	4.319	ng	Qvalue 97
50) Dimethylphthalate	14.04	163	45483	2.200	ng	# 95

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

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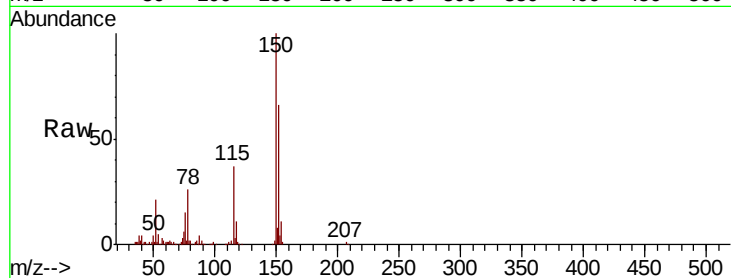


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043995.D
Acq: 9 Jan 2020 10:24

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.0	190.4
115	56.5	47.8	71.8

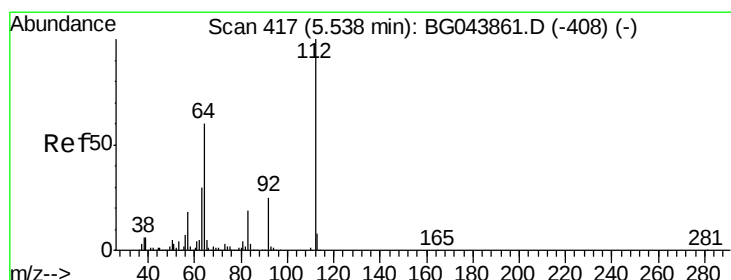
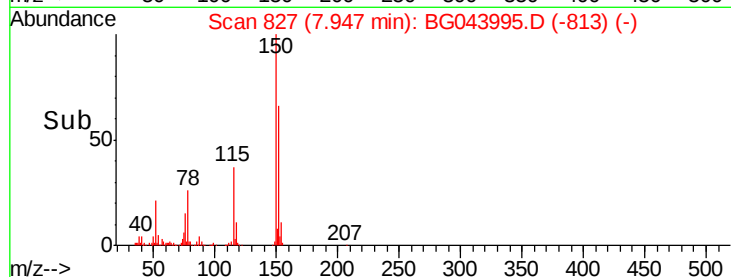
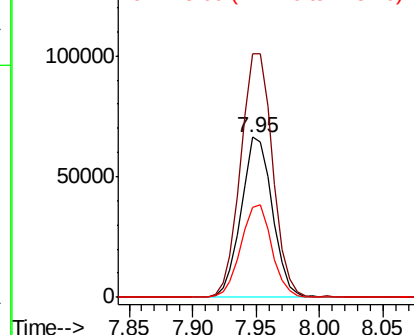


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

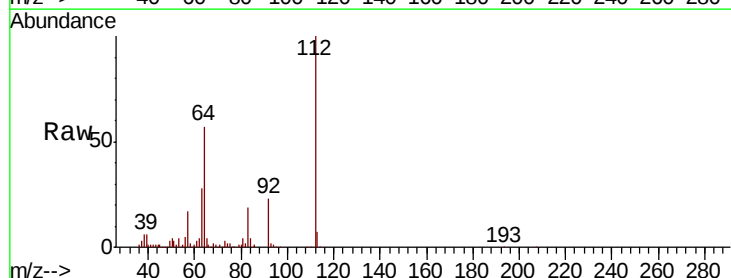
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.868 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043995.D
Acq: 9 Jan 2020 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.8	71.6
63	28.5	24.3	36.5

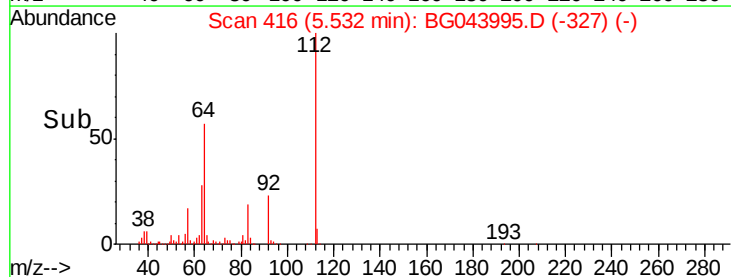
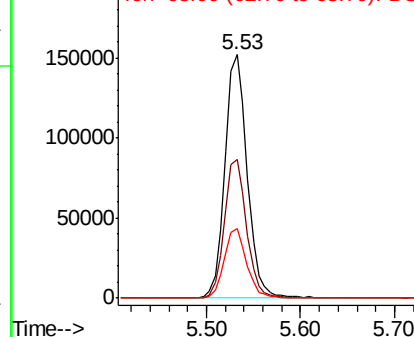


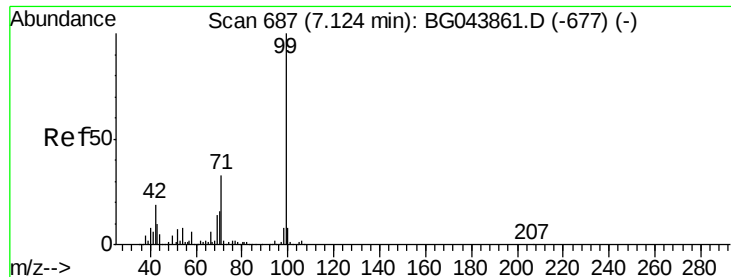
Abundance

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: 42.001 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043995.D

Acq: 9 Jan 2020 10:24

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-D

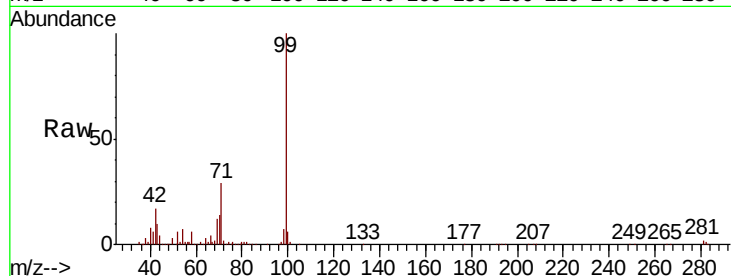
Tot Ion: 99 Resp: 361880

Ion Ratio Lower Upper

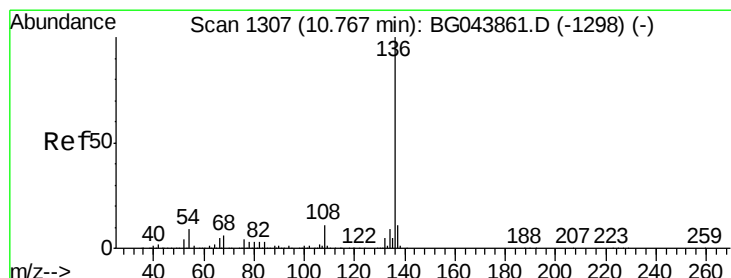
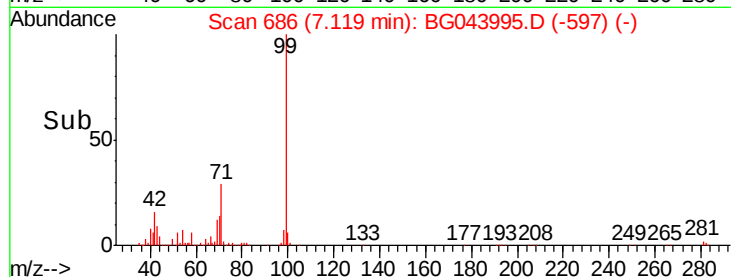
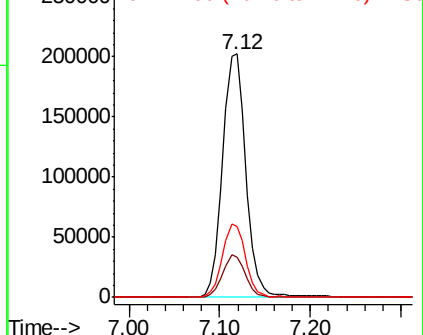
99 100

42 16.5 14.9 22.3

71 28.9 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: BG043995.D

Acq: 9 Jan 2020 10:24

Tgt Ion: 136 Resp: 445704

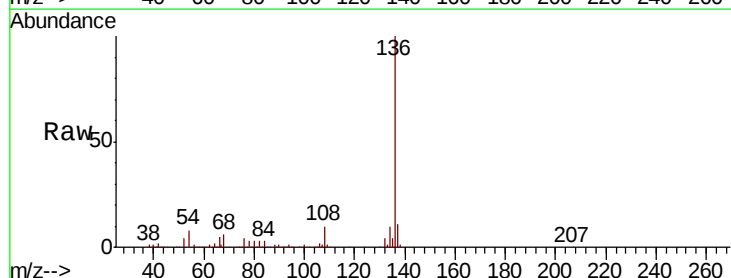
Ion Ratio Lower Upper

136 100

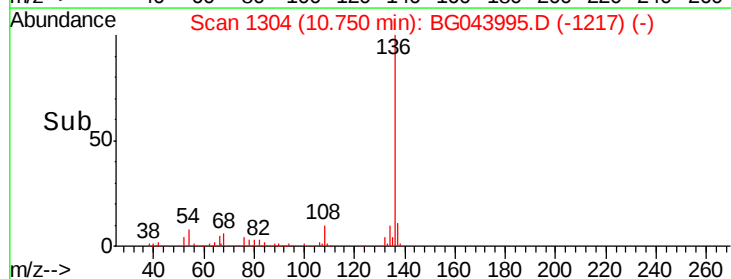
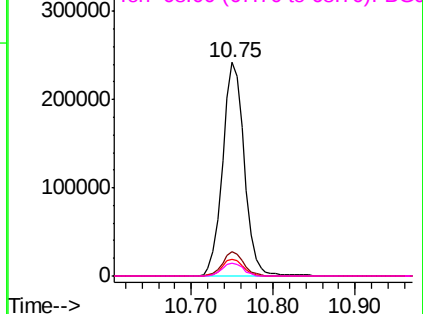
137 11.4 8.8 13.2

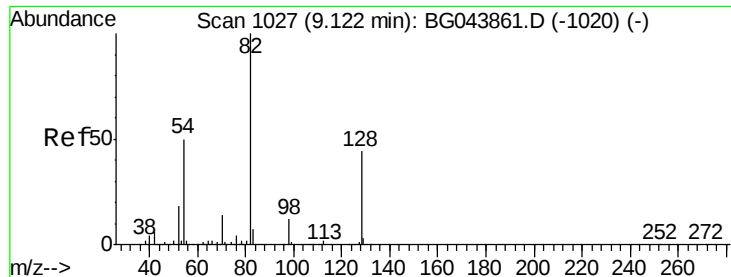
54 7.8 7.0 10.4

68 6.2 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

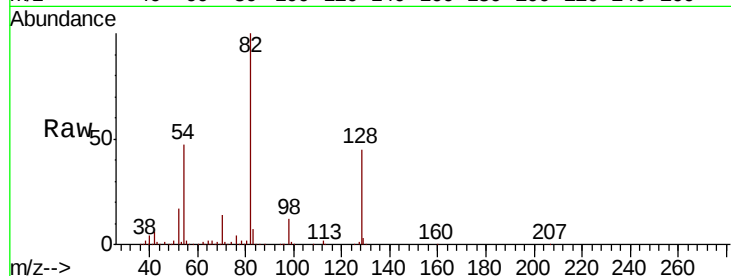




#23
Nitrobenzene-d5
Concen: 63.287 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043995.D
Acq: 9 Jan 2020 10:24

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	47.2	40.1	60.1

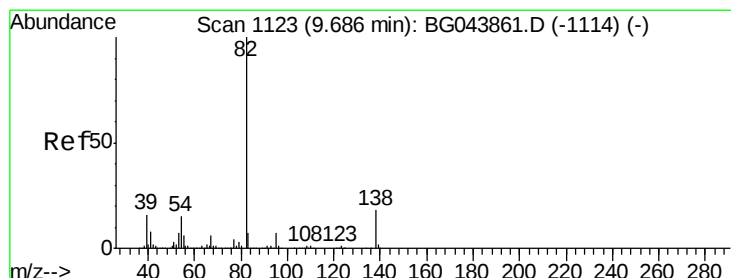
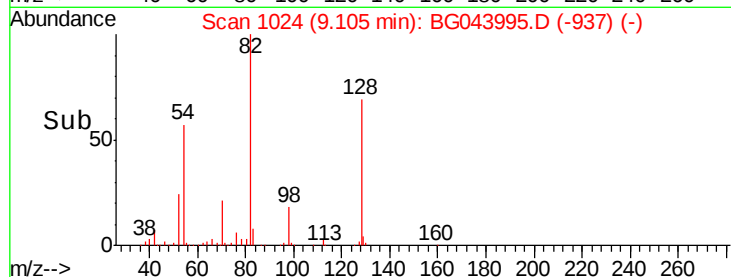
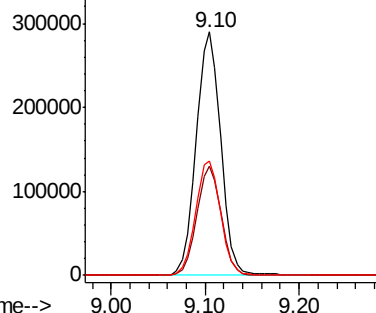


Abundance

Ion 82.00 (81.70 to 82.70): BGC

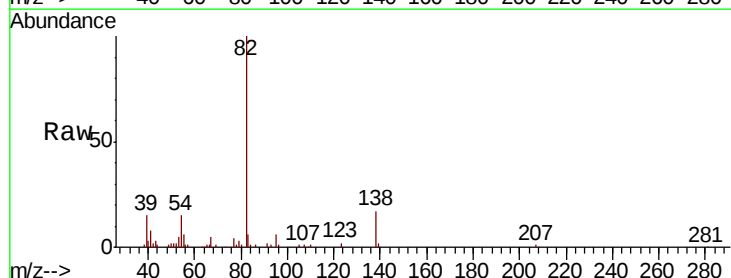
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#25
Isophorone
Concen: 4.319 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BG043995.D
Acq: 9 Jan 2020 10:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.8	8.6
138	16.8	14.6	22.0

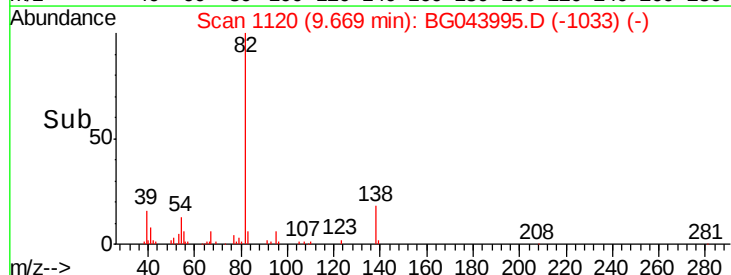
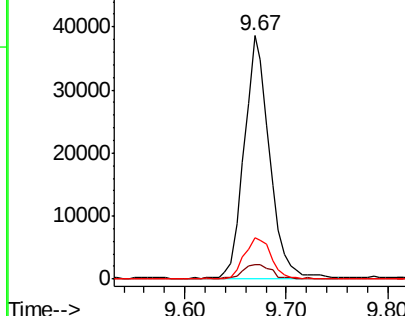


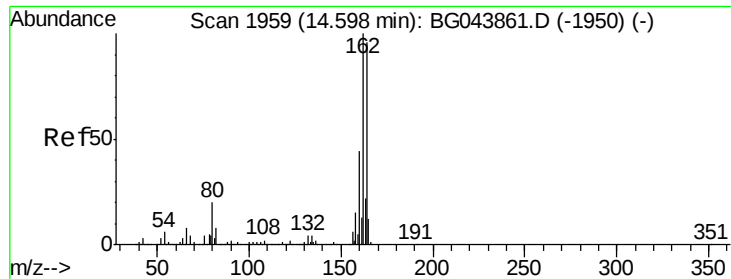
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG043995.D

Acq: 9 Jan 2020 10:24

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-D

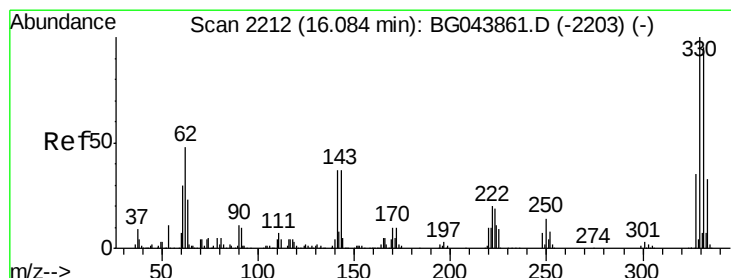
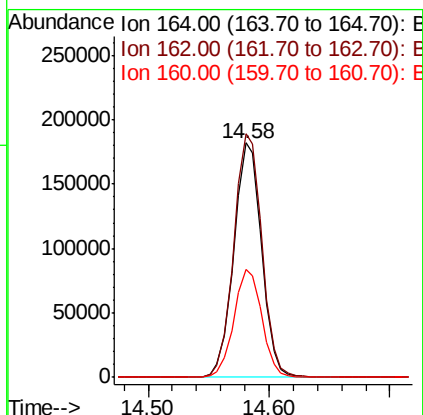
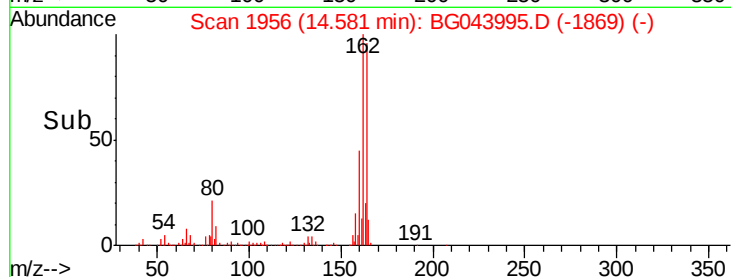
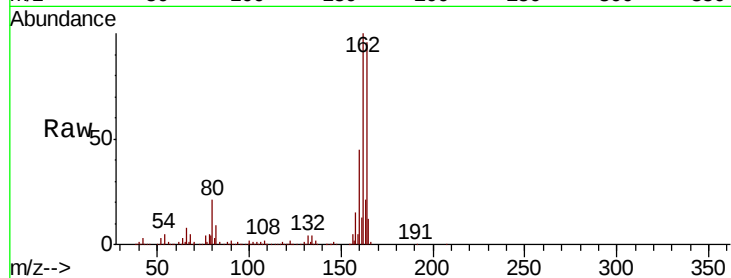
Tot Ion:164 Resp: 291228

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.4

160 46.3 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 36.955 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG043995.D

Acq: 9 Jan 2020 10:24

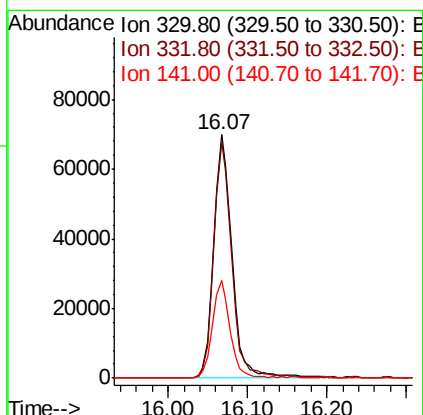
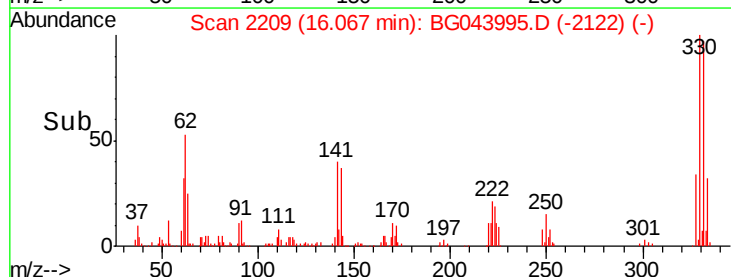
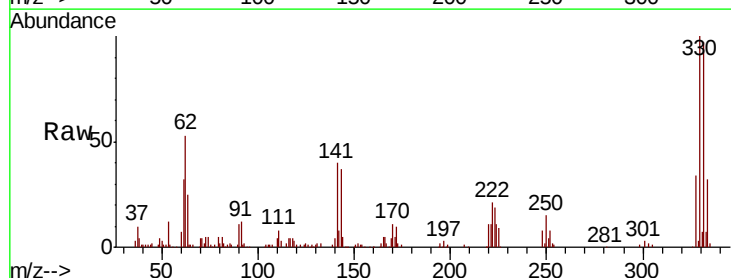
Tgt Ion:330 Resp: 112627

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 38.2 33.1 49.7

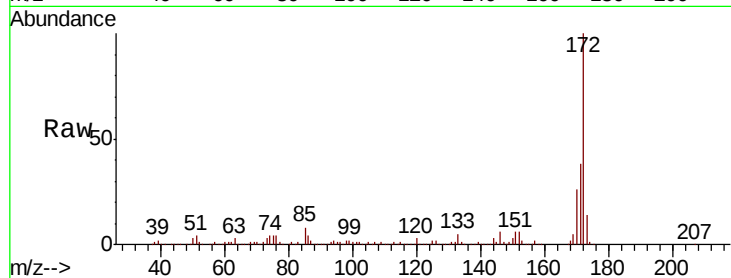




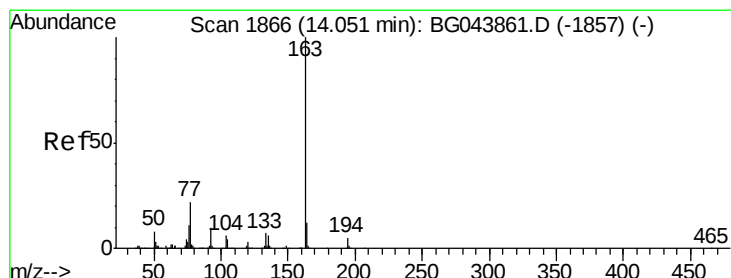
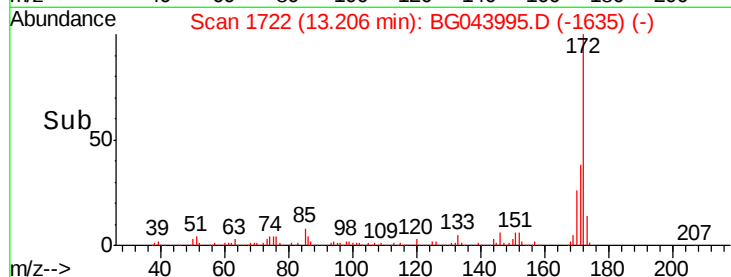
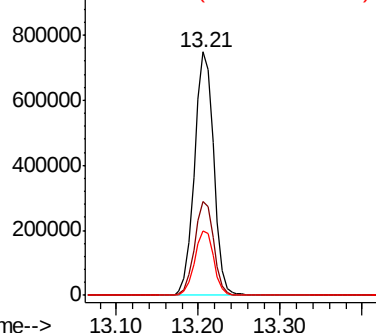
#45
2-Fluorobiphenyl
Concen: 76.034 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG043995.D
Acq: 9 Jan 2020 10:24

Instrument :
BNA_G
ClientSampleId :
FRONT-PIER-D

Tot Ion:172 Resp: 1222194
Ion Ratio Lower Upper
172 100
171 38.4 35.8 53.8
170 26.4 24.2 36.4

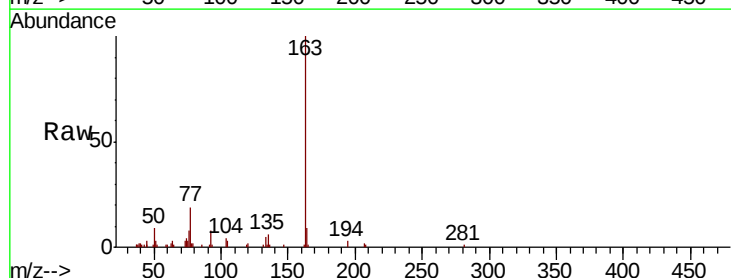


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

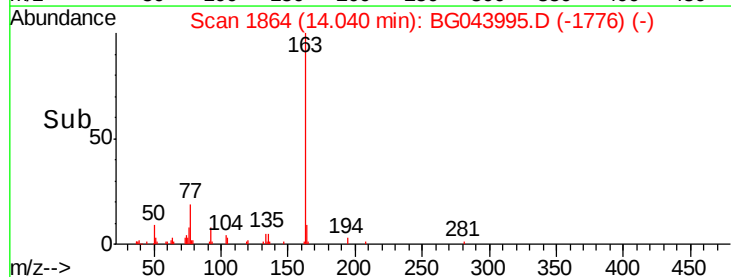
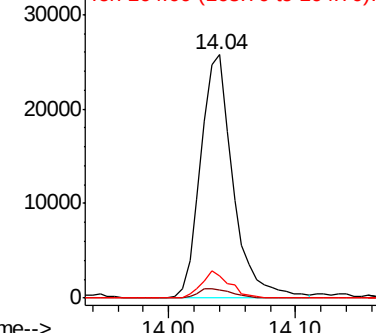


#50
Dimethylphthalate
Concen: 2.200 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043995.D
Acq: 9 Jan 2020 10:24

Tgt Ion:163 Resp: 45483
Ion Ratio Lower Upper
163 100
194 3.5 3.7 5.5#
164 9.3 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG043995.D

Acq: 9 Jan 2020 10:24

Instrument :

BNA_G

ClientSampleId :

FRONT-PIER-D

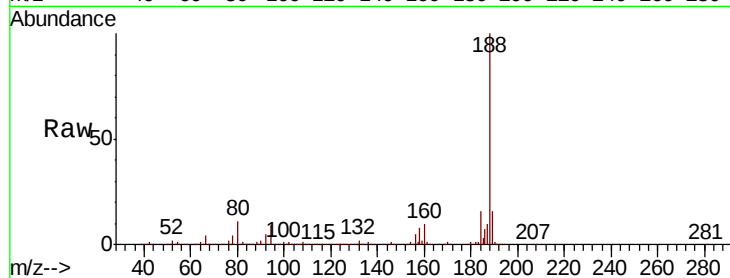
Tot Ion:188 Resp: 642459

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

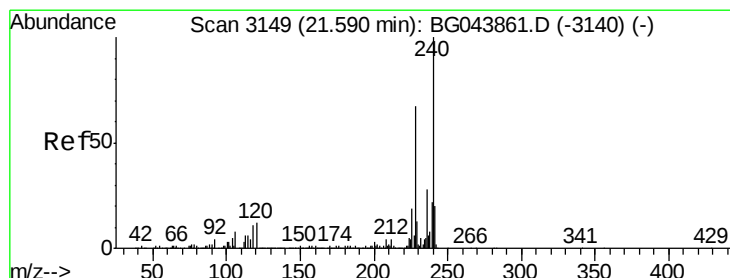
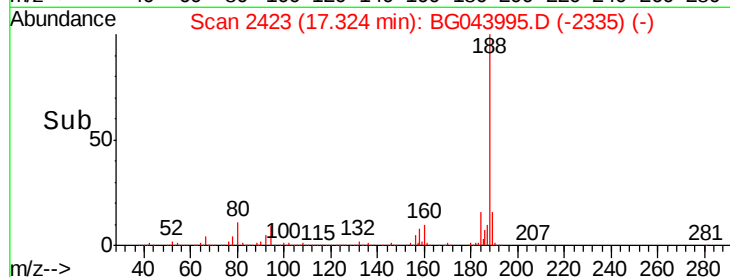
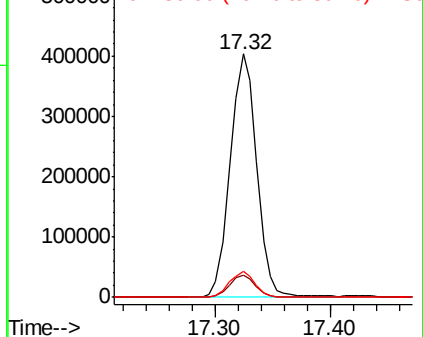
80 10.7 8.2 12.4



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: BG043995.D

Acq: 9 Jan 2020 10:24

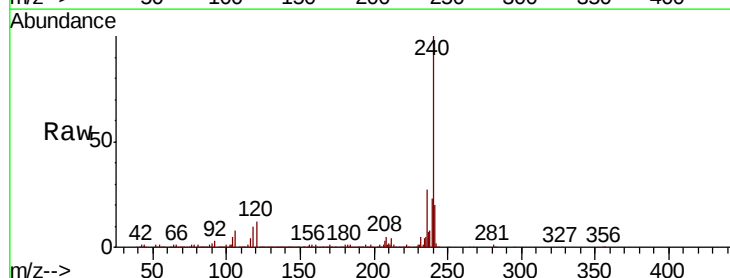
Tgt Ion:240 Resp: 568058

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

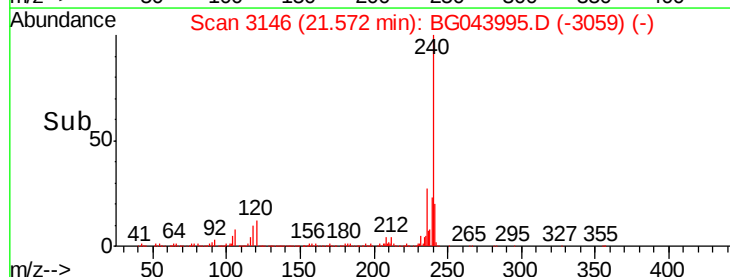
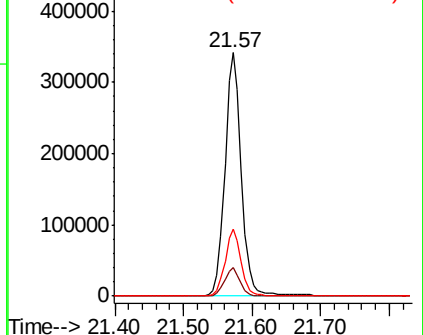
236 27.5 22.2 33.2

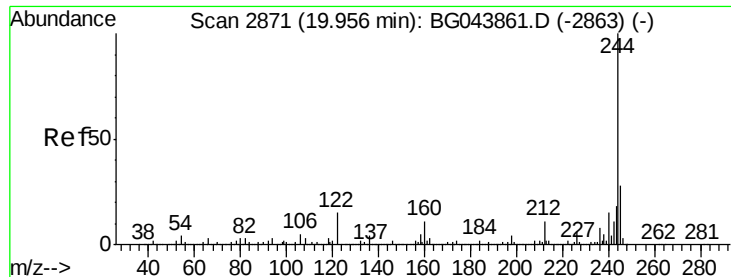


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

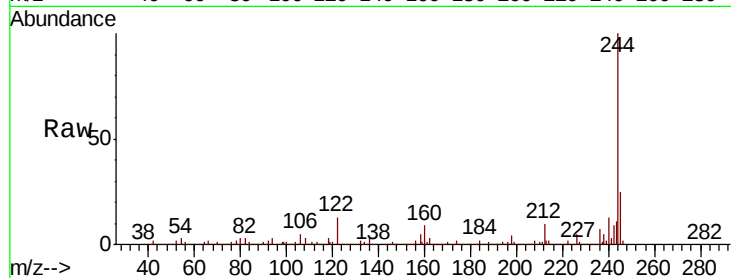




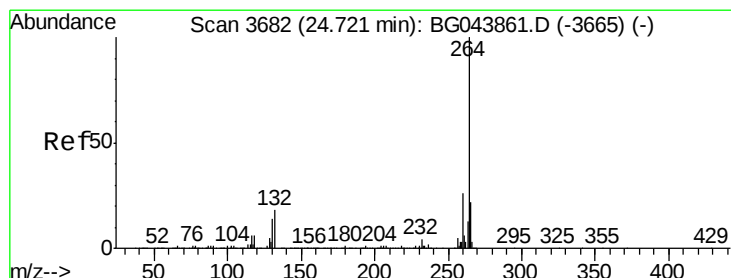
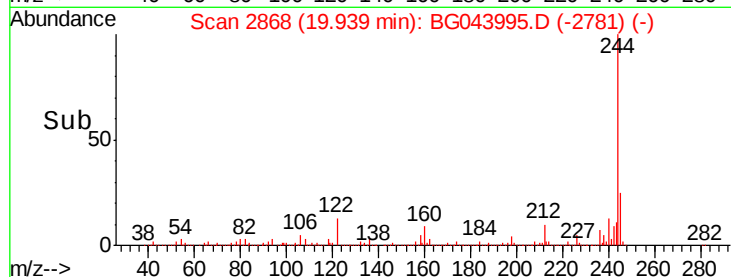
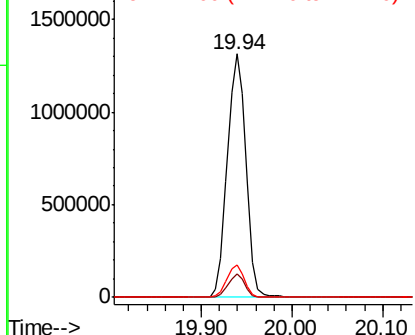
#79
 Terphenyl-d14
 Concen: 77.812 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG043995.D
 Acq: 9 Jan 2020 10:24

Instrument :
 BNA_G
 ClientSampleId :
 FRONT-PIER-D

Tot Ion:244 Resp: 1875720
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.6 13.0
 122 13.4 11.9 17.9

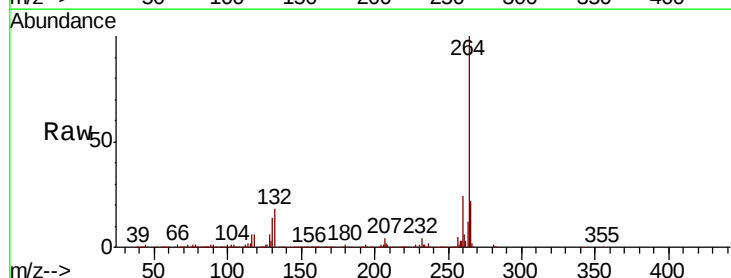


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG043995.D
 Acq: 9 Jan 2020 10:24

Tgt Ion:264 Resp: 622818
 Ion Ratio Lower Upper
 264 100
 260 24.5 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

