

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043976.D
 Acq On : 8 Jan 2020 20:41
 Operator : JU
 Sample : L1048-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REAR-PIER-B

Quant Time: Jan 09 06:55:08 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

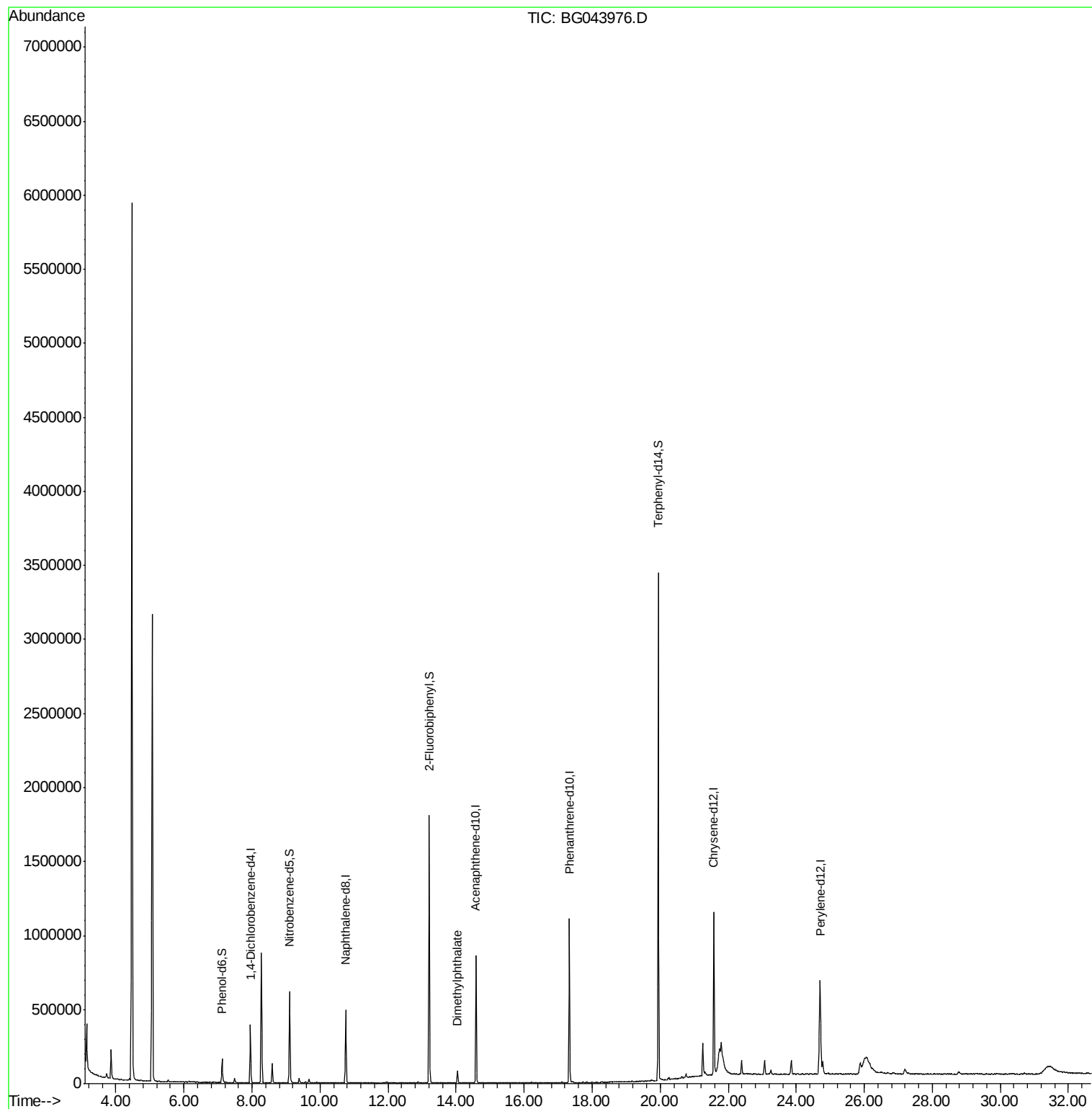
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113937	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	456812	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	303246	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	683520	20.00	ng	0.00
76) Chrysene-d12	21.58	240	606163	20.00	ng	-0.01
87) Perylene-d12	24.70	264	663310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	5198	0.84	ng	0.00
7) Phenol-d6	7.12	99	107917	12.44	ng	0.00
23) Nitrobenzene-d5	9.10	82	403880	47.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.08	330	719	0.23	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	949664	56.74	ng	-0.01
79) Terphenyl-d14	19.94	244	1537368	54.95	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.04	163	68520	3.182	ng	Qvalue # 95

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

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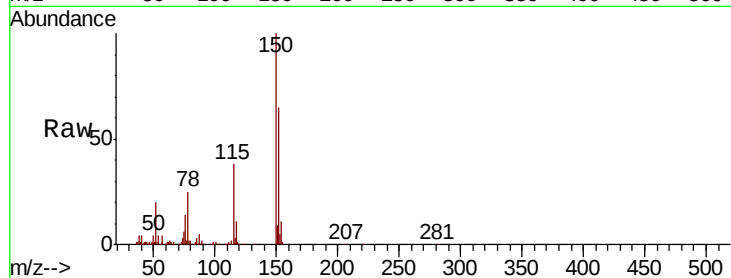


#1

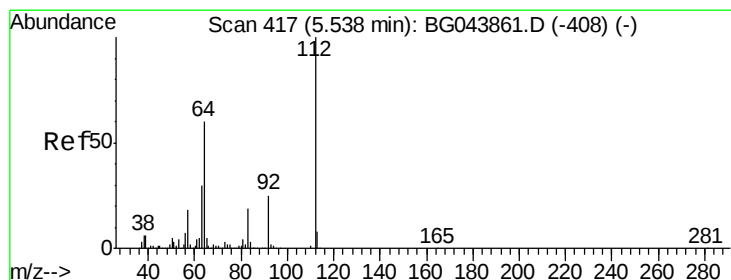
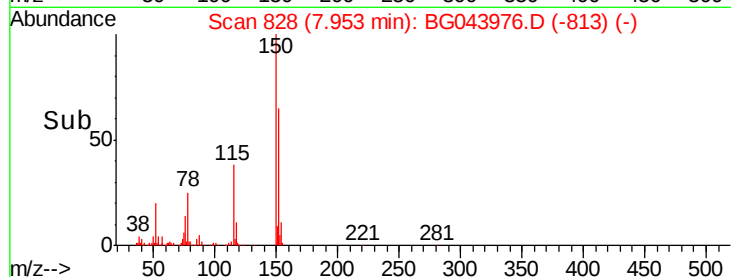
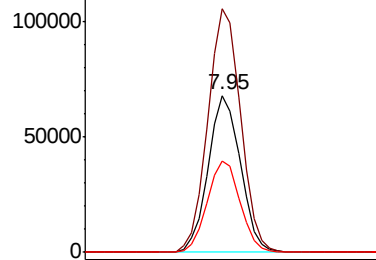
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.4
115	58.2	47.8	71.8



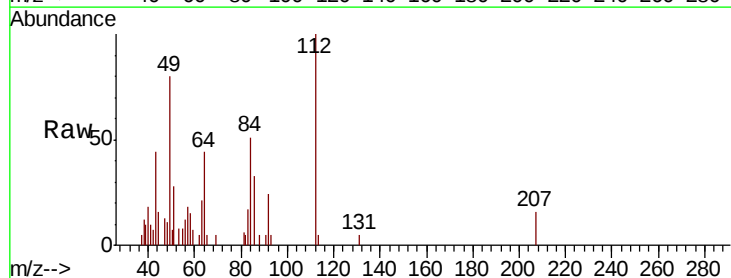
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



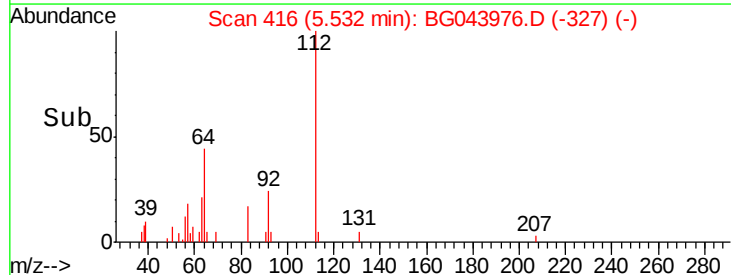
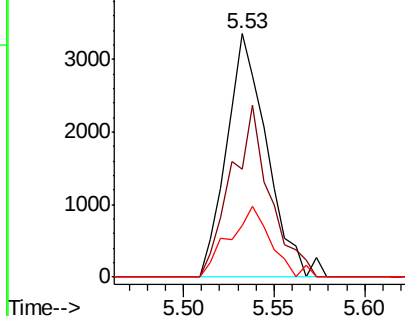
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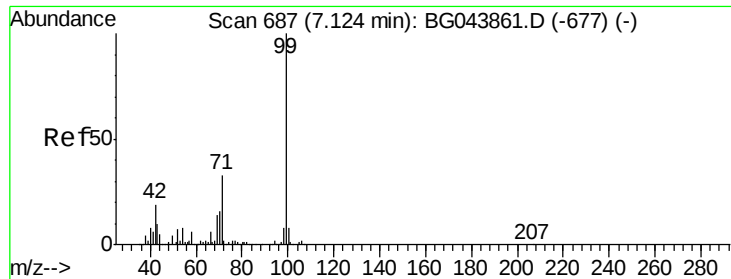
2-Fluorophenol
Concen: 0.838 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	47.8	71.6#
63	21.2	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: 12.442 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043976.D

Acq: 8 Jan 2020 20:41

Instrument :

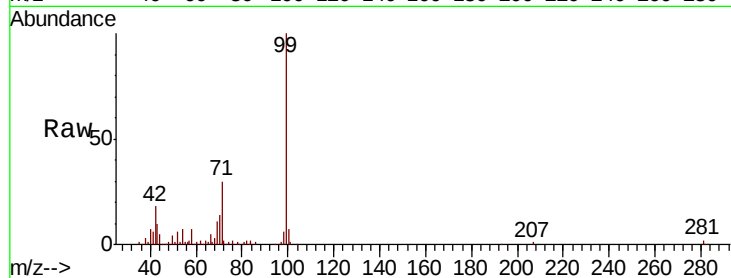
BNA_G

ClientSampleId :

REAR-PIER-B

Tot Ion: 99 Resp: 107917

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	30.1	26.4	39.6

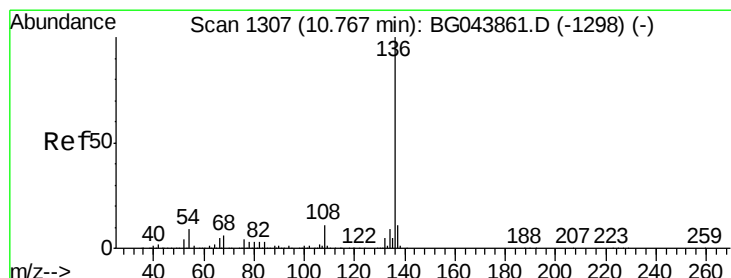
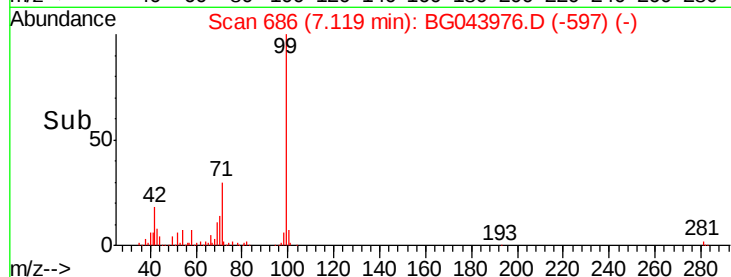
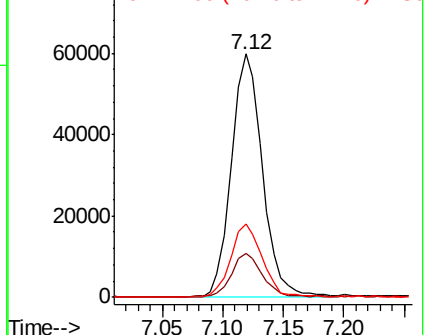


Abundance

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

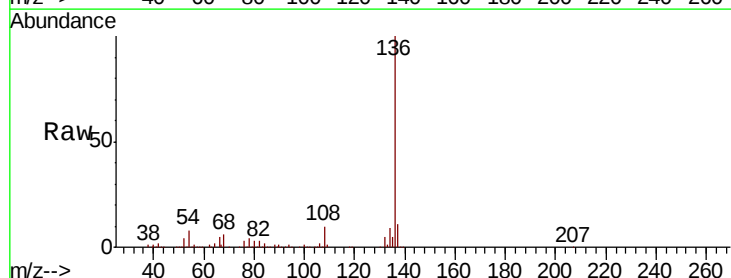
Delta R.T. -0.01 min

Lab File: BG043976.D

Acq: 8 Jan 2020 20:41

Tgt Ion: 136 Resp: 456812

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	7.0	10.4
68	6.0	4.9	7.3



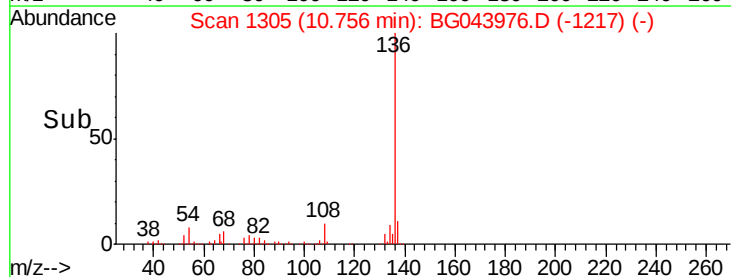
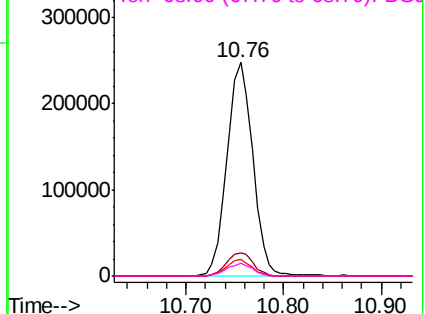
Abundance

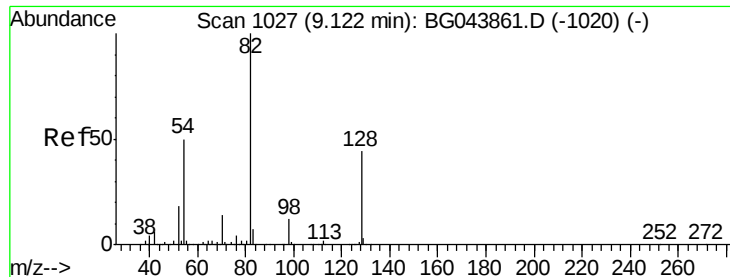
Ion 136.00 (135.70 to 136.70): BGC

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

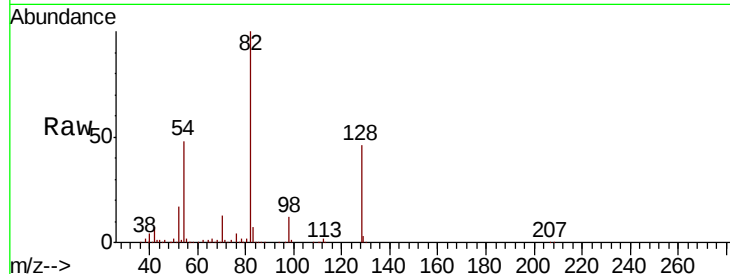




#23
 Nitrobenzene-d5
 Concen: 47.297 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Instrument :
 BNA_G
 ClientSampleId :
 REAR-PIER-B

Tot Ion	82	Resp	403880
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	48.3	40.1	60.1

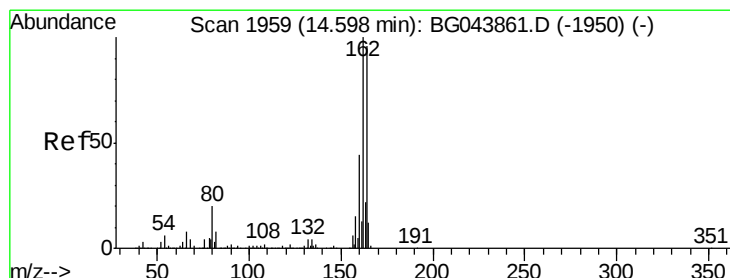
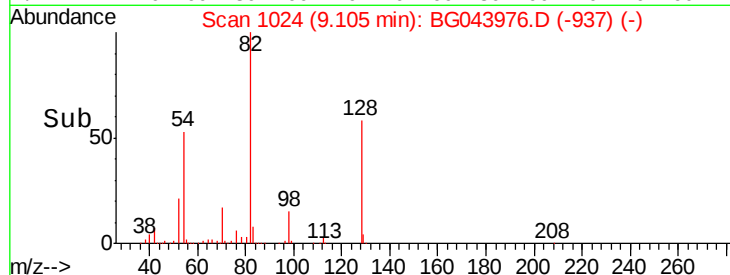
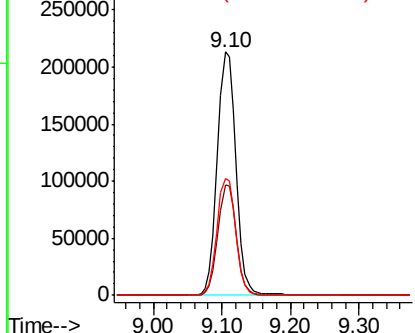


Abundance

Ion 82.00 (81.70 to 82.70): BGC

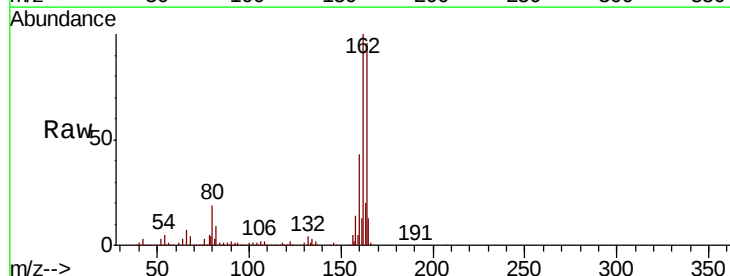
Ion 128.00 (127.70 to 128.70): BGC

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: BG043976.D
 Acq: 8 Jan 2020 20:41

Tgt Ion	164	Resp	303246
Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	44.1	36.1	54.1

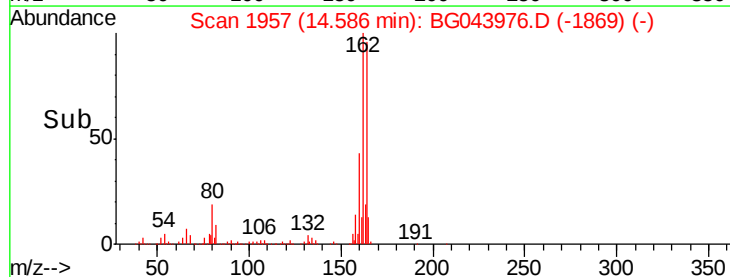
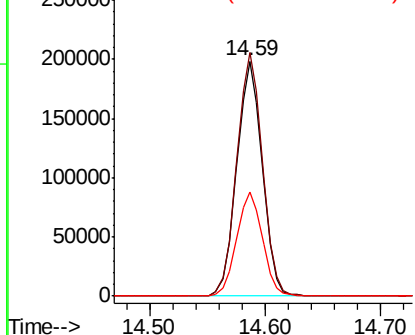


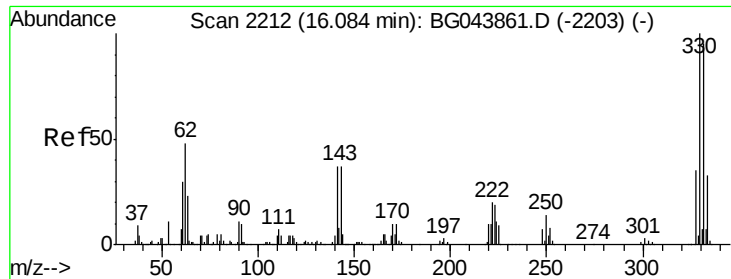
Abundance

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

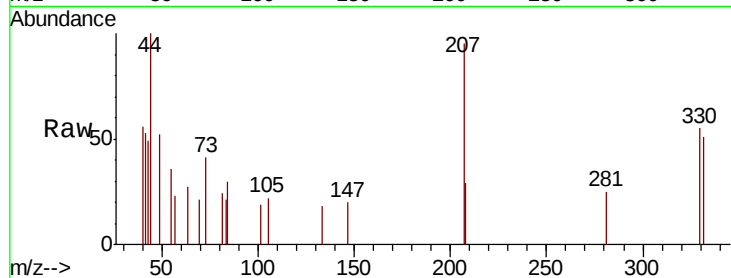




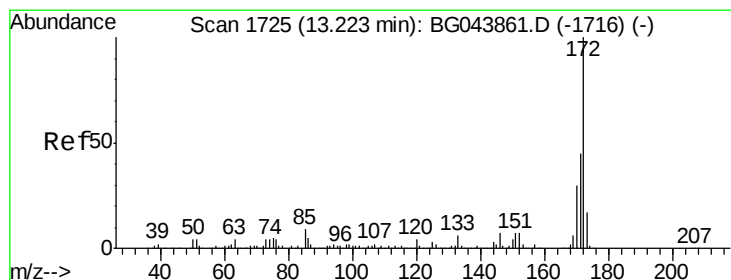
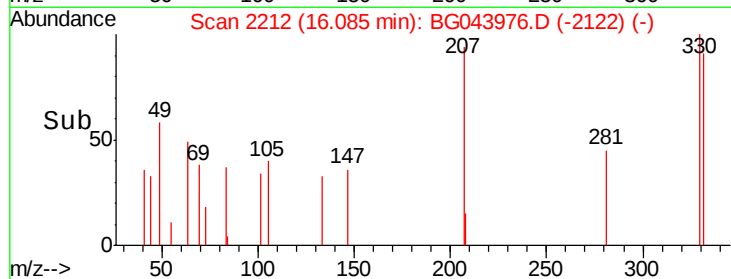
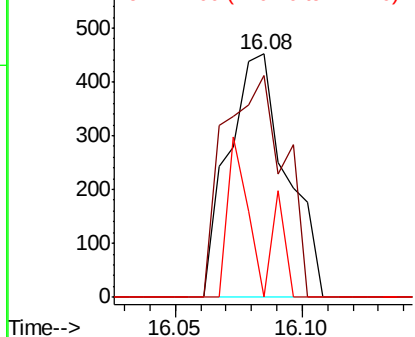
#42
 2,4,6-Tribromophenol
 Concen: 0.227 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Instrument :
 BNA_G
 ClientSampleId :
 REAR-PIER-B

Tot Ion:330 Resp: 719
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.2 115.8
 141 22.4 33.1 49.7#

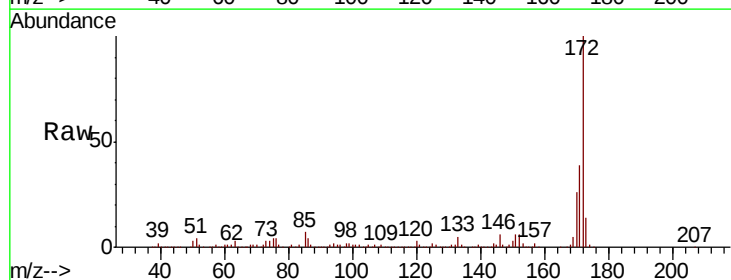


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

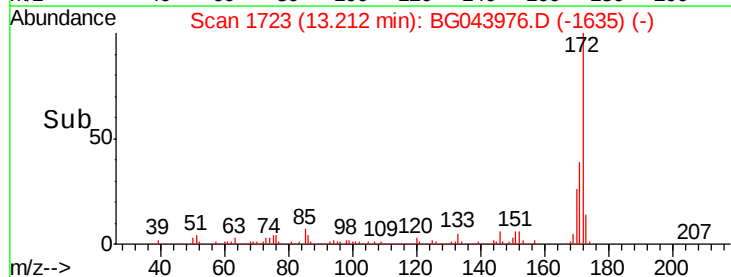
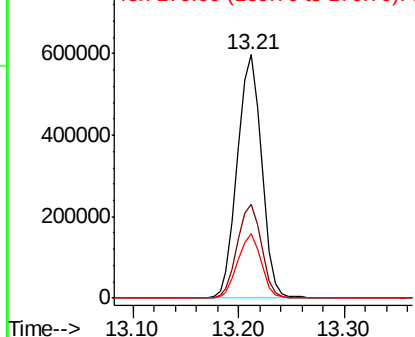


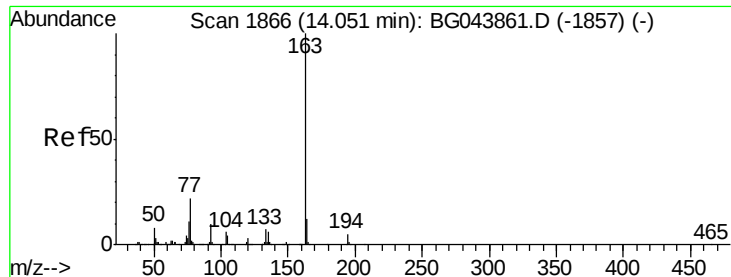
#45
 2-Fluorobiphenyl
 Concen: 56.738 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043976.D
 Acq: 8 Jan 2020 20:41

Tgt Ion:172 Resp: 949664
 Ion Ratio Lower Upper
 172 100
 171 38.7 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

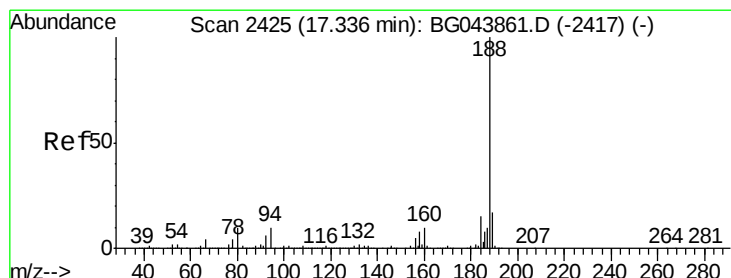
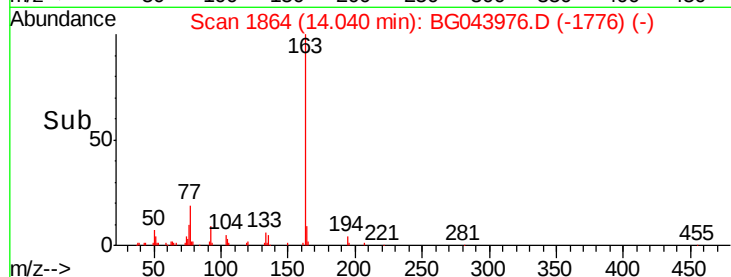
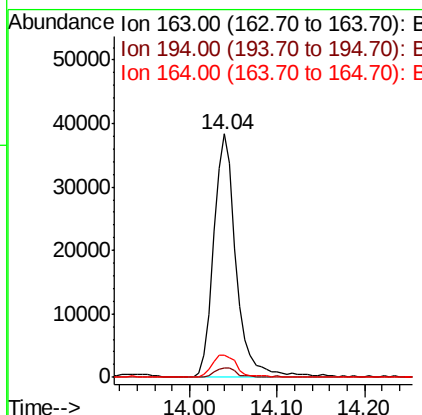
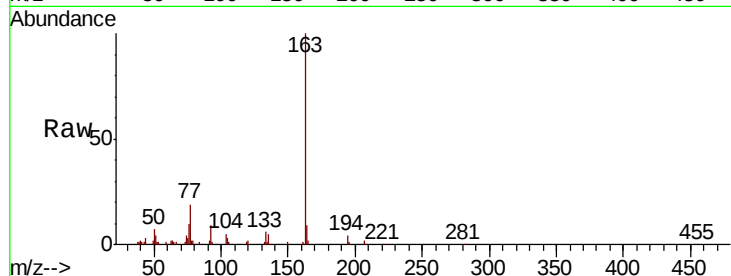




#50
Dimethylphthalate
Concen: 3.182 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

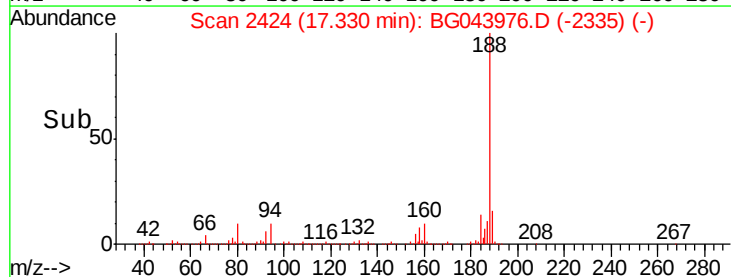
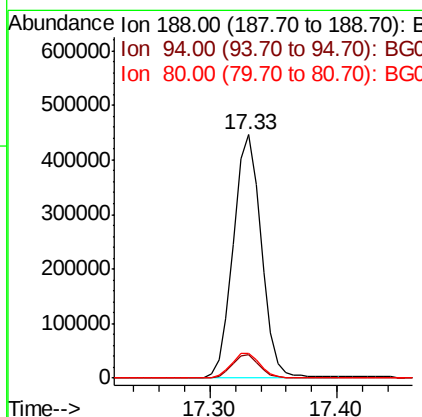
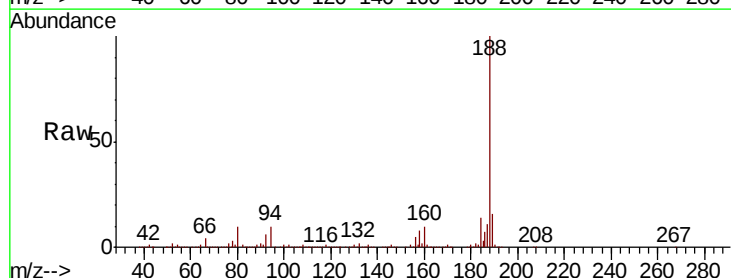
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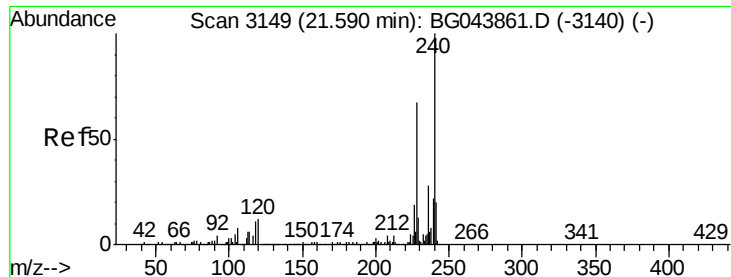
Tot Ion:163 Resp: 68520
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 9.2 9.3 13.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion:188 Resp: 683520
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.4 8.2 12.4

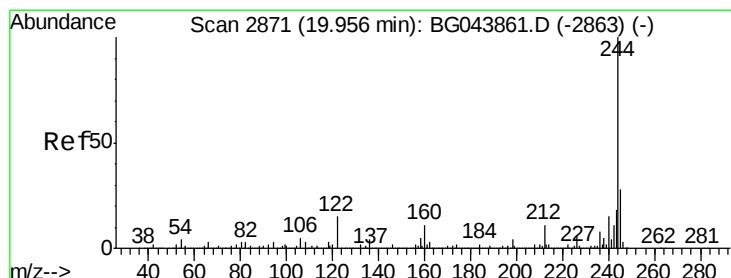
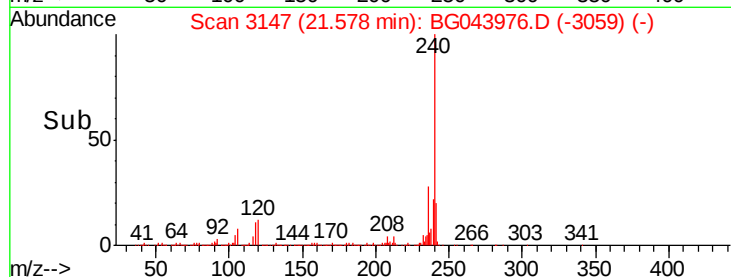
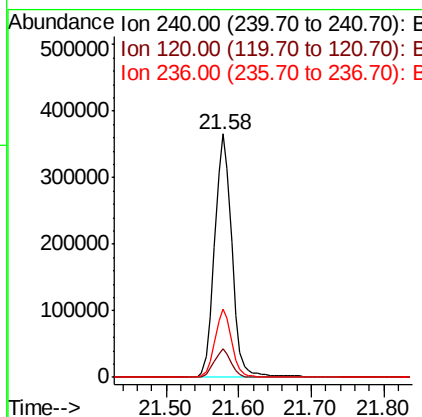
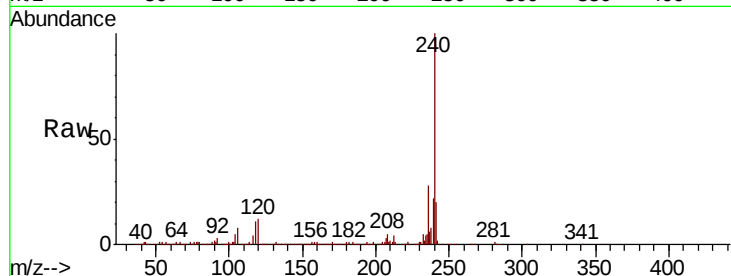




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

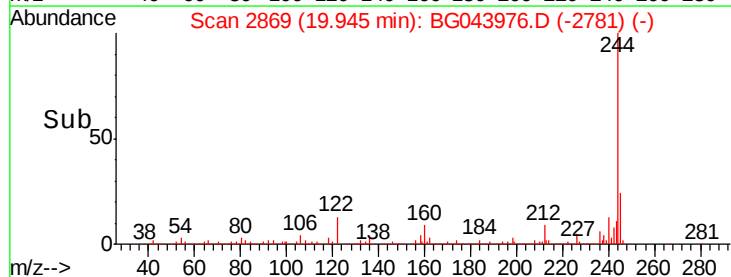
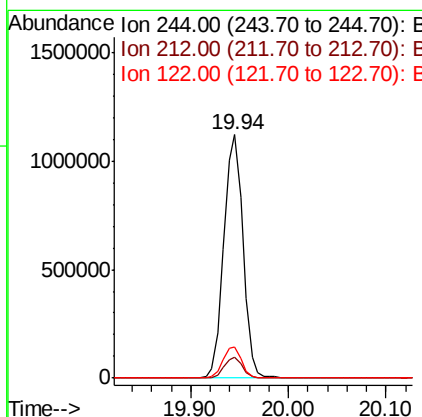
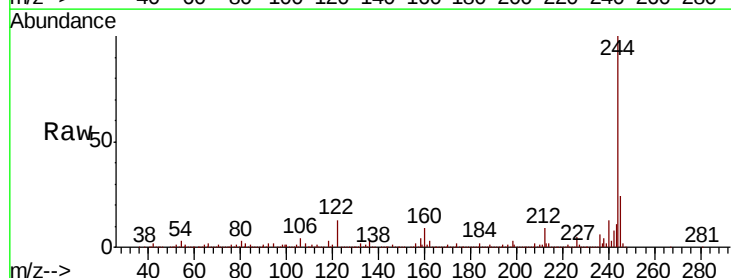
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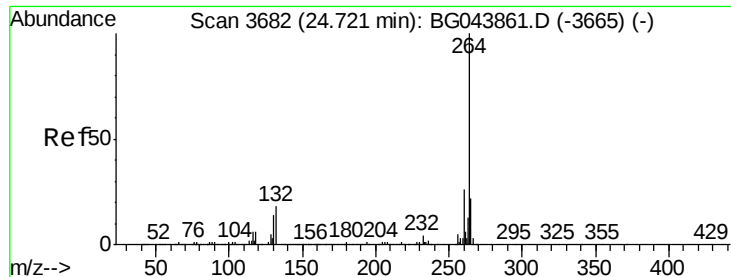
Tot Ion:240 Resp: 606163
Ion Ratio Lower Upper
240 100
120 12.0 9.6 14.4
236 27.9 22.2 33.2



#79
Terphenyl-d14
Concen: 54.954 ng
RT: 19.94 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Tgt Ion:244 Resp: 1537368
Ion Ratio Lower Upper
244 100
212 8.8 8.6 13.0
122 12.7 11.9 17.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043976.D
Acq: 8 Jan 2020 20:41

Instrument :
BNA_G
ClientSampleId :
REAR-PIER-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.4	30.6
265	20.7	17.4	26.2

