

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043486.D
 Acq On : 4 Nov 2019 18:29
 Operator : JU
 Sample : K5628-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200055-RBR200034-RT1868

Quant Time: Nov 05 00:56:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

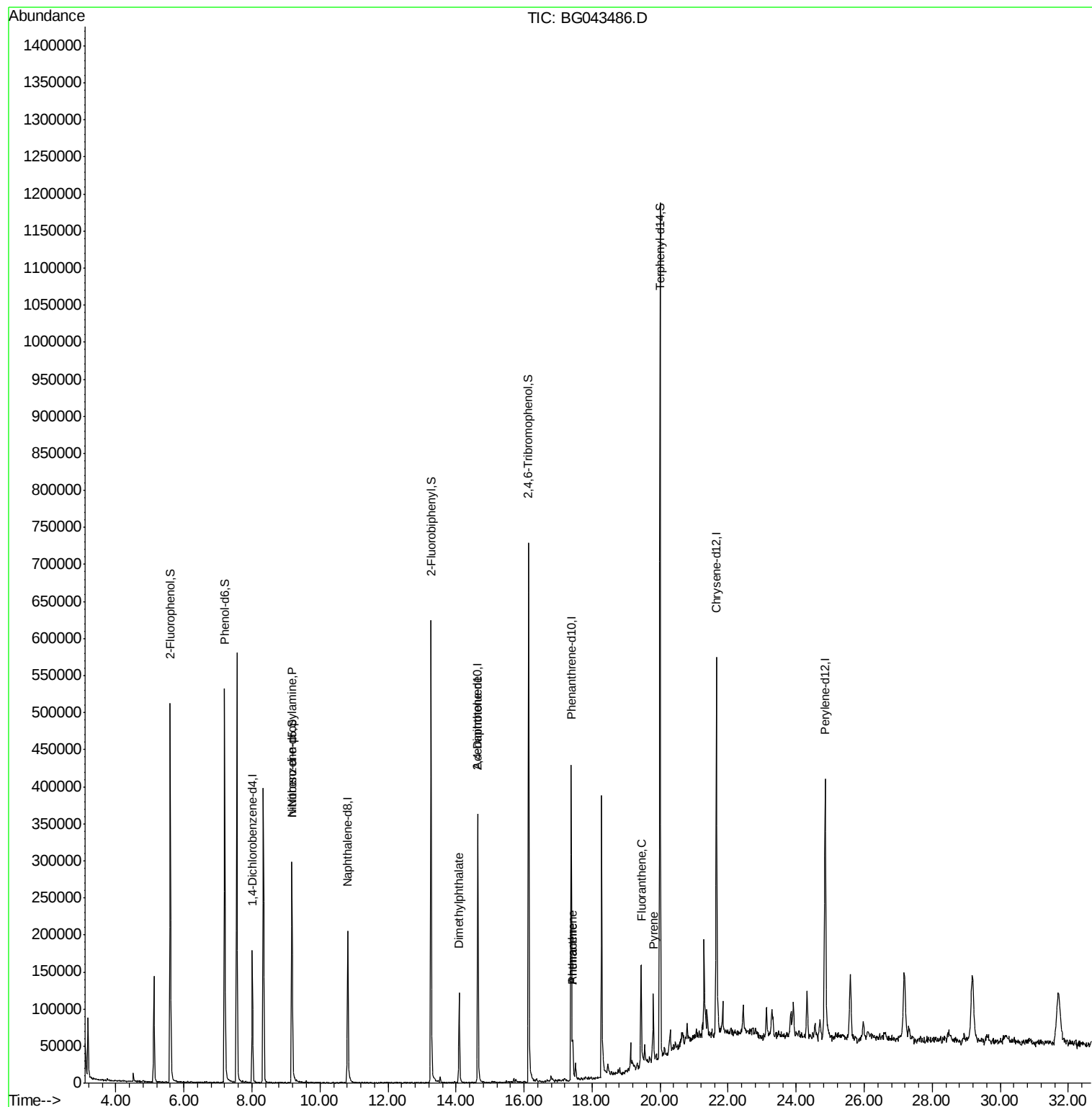
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55773	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	206703	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	140198	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	310834	20.00	ng	0.00
76) Chrysene-d12	21.66	240	322863	20.00	ng	0.00
87) Perylene-d12	24.85	264	387722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	253199	83.19	ng	0.01
7) Phenol-d6	7.20	99	344951	78.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	210641	52.54	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	183424	68.75	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	389507	38.39	ng	0.00
79) Terphenyl-d14	20.00	244	643591	37.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	28911	10.217	ng	Qvalue # 76
50) Dimethylphthalate	14.09	163	95772	8.819	ng	99
57) 2,4-Dinitrotoluene	14.64	165	19153	5.681	ng	# 27
71) Phenanthrene	17.43	178	42274	2.656	ng	96
72) Anthracene	17.43	178	42274	2.655	ng	95
75) Fluoranthene	19.44	202	71341	3.438	ng	98
78) Pyrene	19.80	202	61712	3.088	ng	97

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

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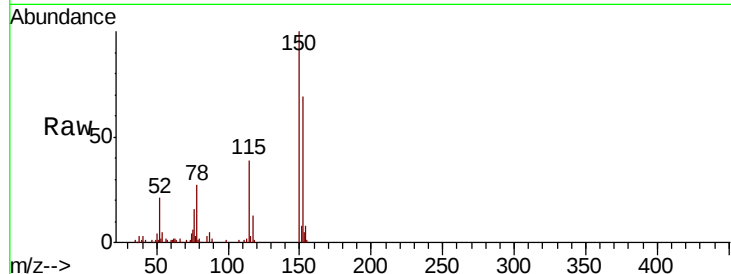


#1

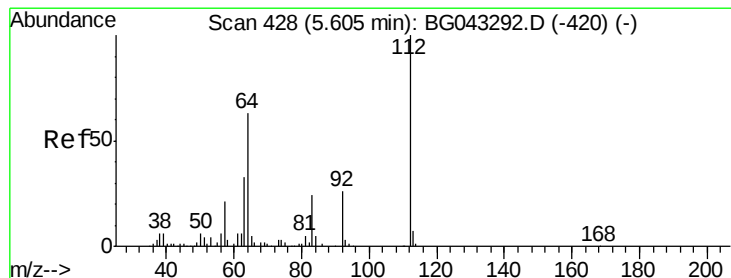
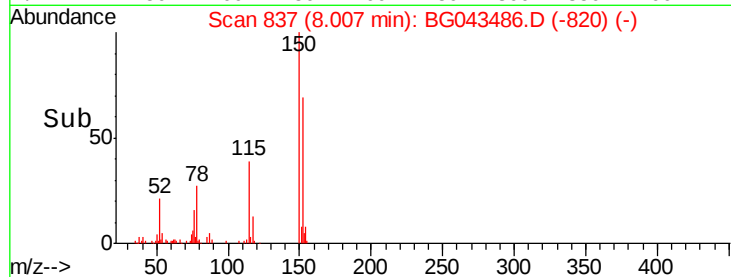
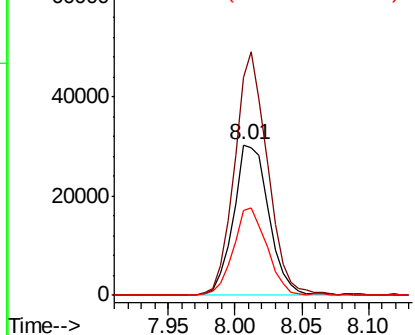
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Instrument :
BNA_G
ClientSampleId :
RBR200055-RBR200034-RT1868

Tot Ion:152 Resp: 55773
Ion Ratio Lower Upper
152 100
150 145.1 129.4 194.0
115 56.1 48.8 73.2



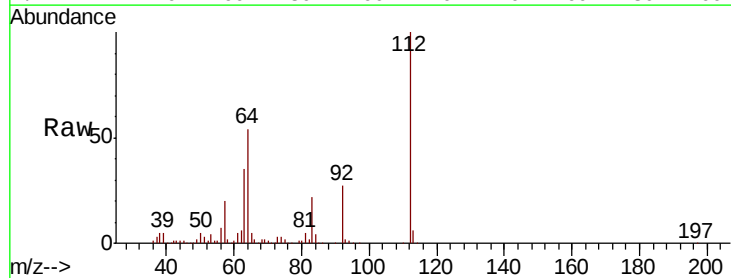
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



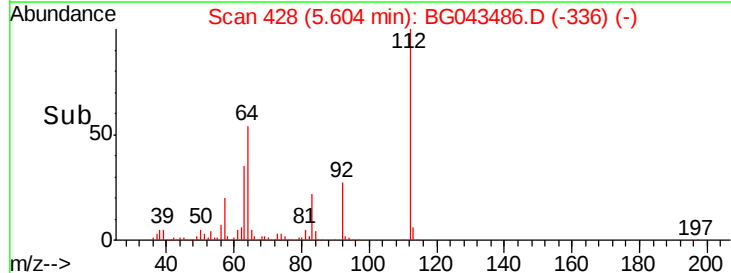
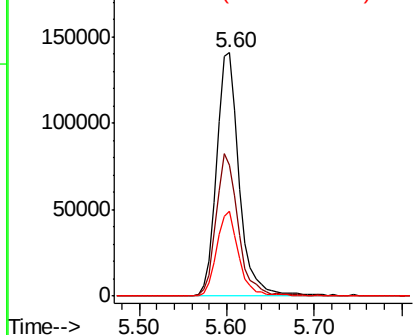
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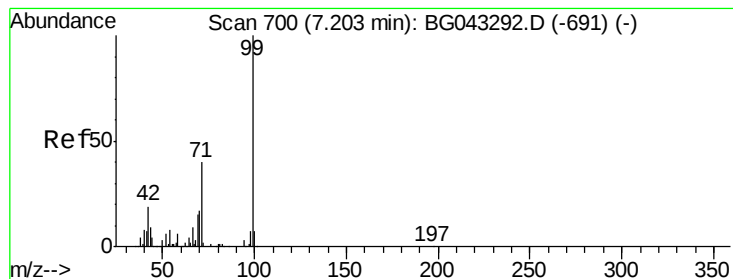
2-Fluorophenol
Concen: 83.190 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion:112 Resp: 253199
Ion Ratio Lower Upper
112 100
64 54.1 50.0 75.0
63 35.0 26.6 40.0



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: 78.773 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

Instrument :

BNA_G

ClientSampleId :

RBR200055-RBR200034-RT1868

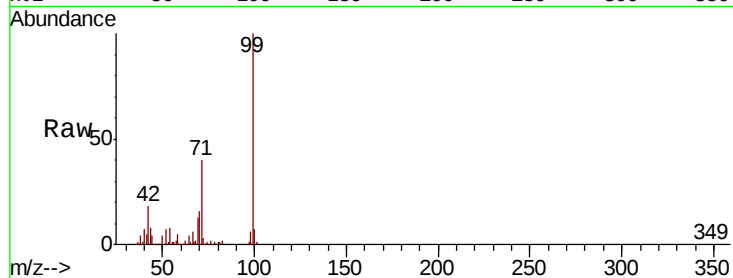
Tot Ion: 99 Resp: 344951

Ion Ratio Lower Upper

99 100

42 17.6 14.6 21.8

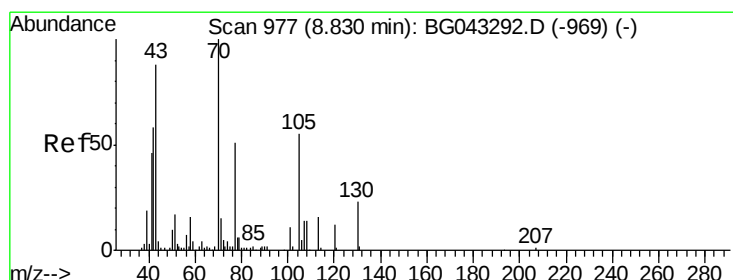
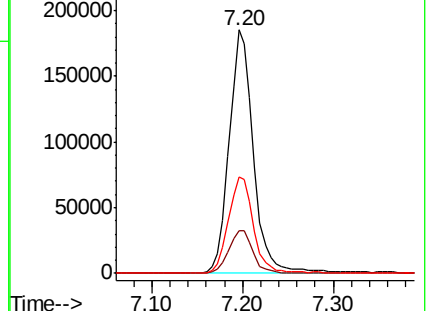
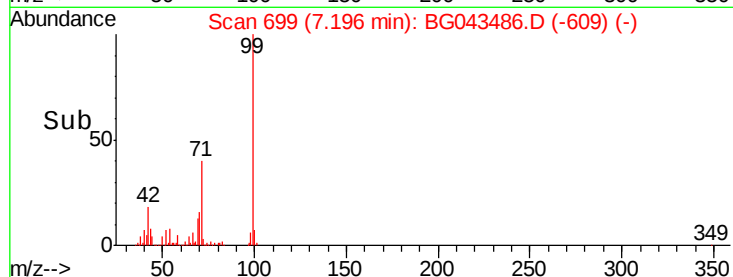
71 39.7 32.5 48.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.217 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

Tgt Ion: 70 Resp: 28911

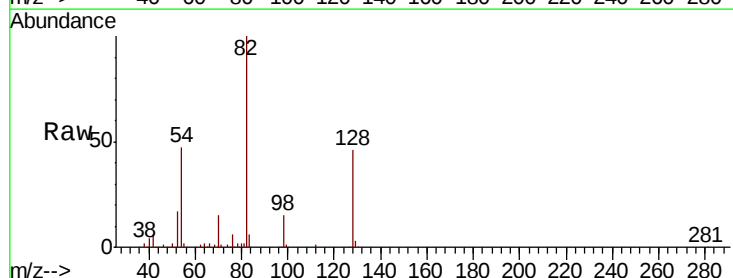
Ion Ratio Lower Upper

70 100

42 41.4 41.4 62.2

101 0.0 7.9 11.9#

130 3.1 19.0 28.4#

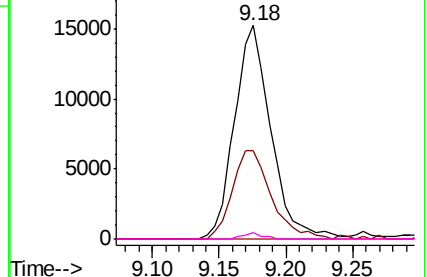
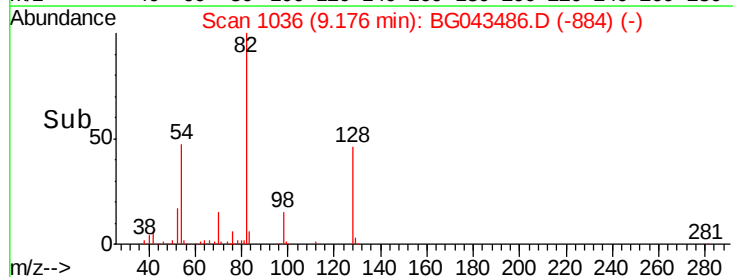


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

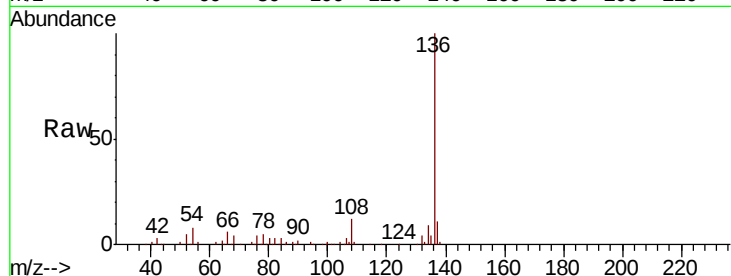




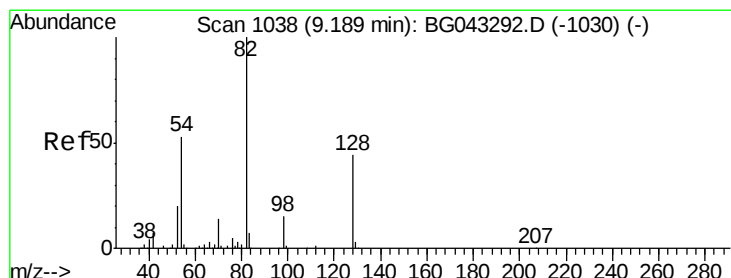
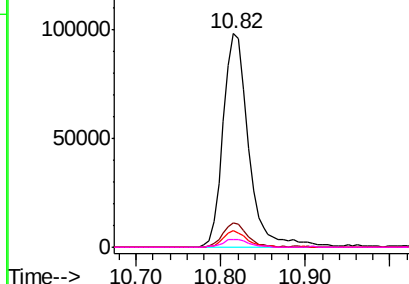
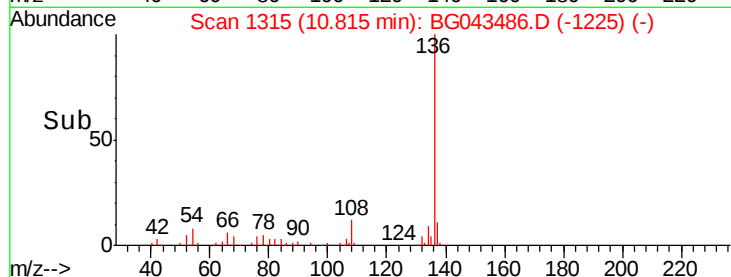
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Instrument :
BNA_G
ClientSampleId :
RBR200055-RBR200034-RT1868

Tot Ion:136	Resp:	206703	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.7	13.1	
54 7.6	5.4	8.2	
68 3.9	3.0	4.4	

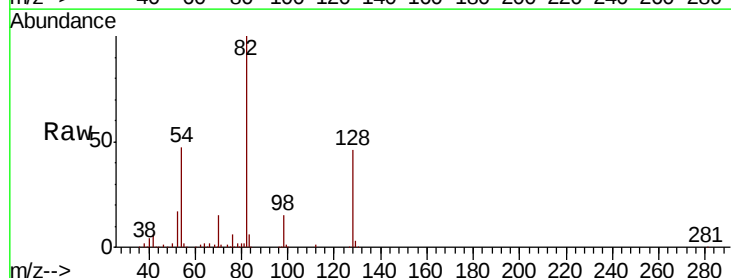


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

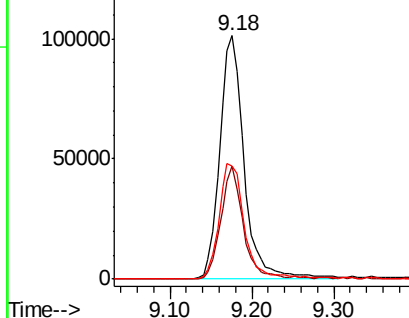
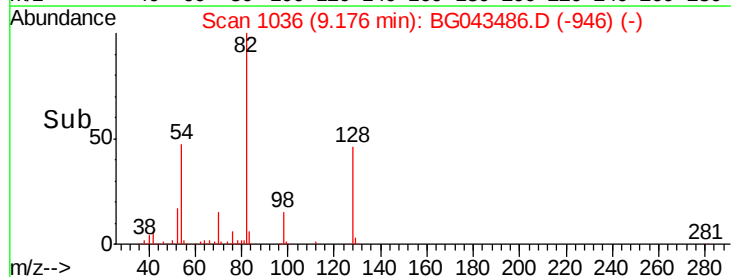


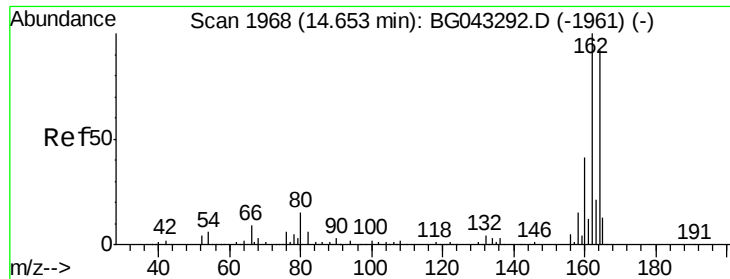
#23
Nitrobenzene-d5
Concen: 52.537 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion: 82	Resp: 210641
Ion Ratio	Lower Upper
82 100	
128 46.2	35.0 52.6
54 46.7	40.2 60.2



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

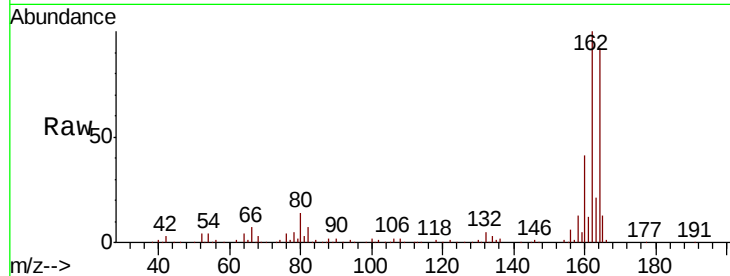




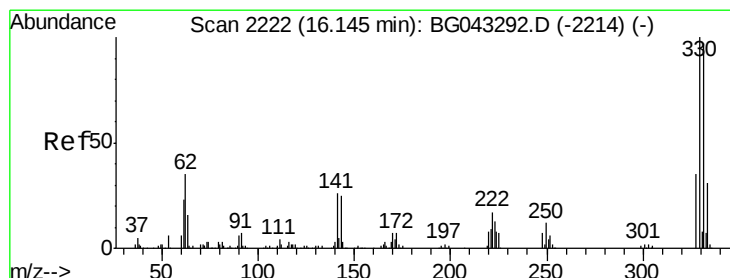
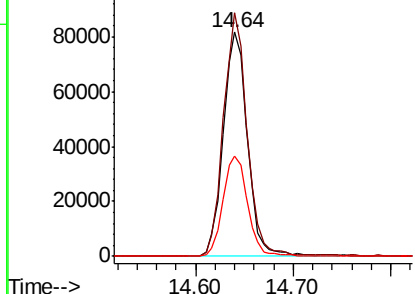
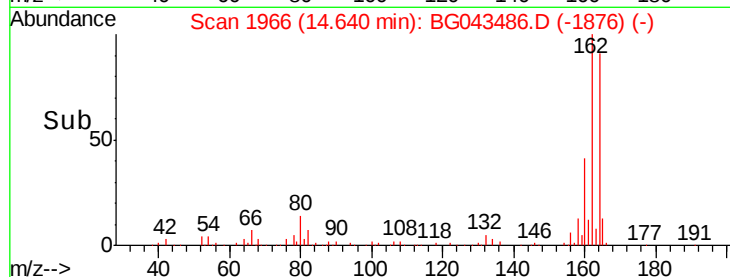
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Instrument :
 BNA_G
 ClientSampleId :
 RBR200055-RBR200034-RT1868

Tot Ion:164 Resp: 140198
 Ion Ratio Lower Upper
 164 100
 162 108.6 83.5 125.3
 160 44.6 36.5 54.7

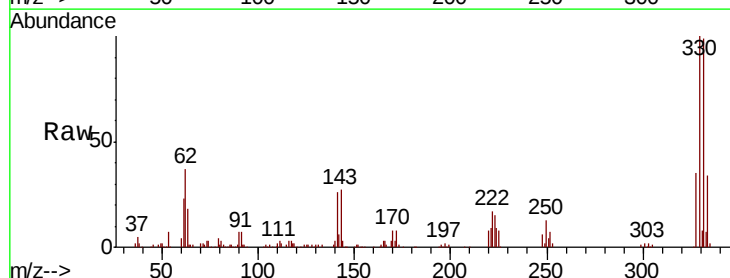


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

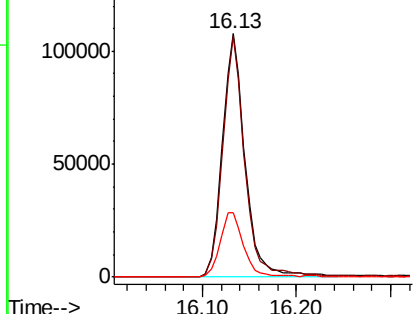
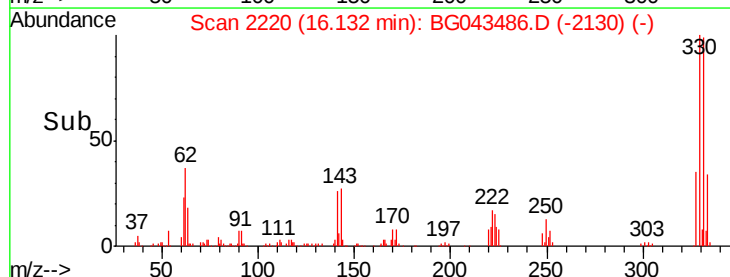


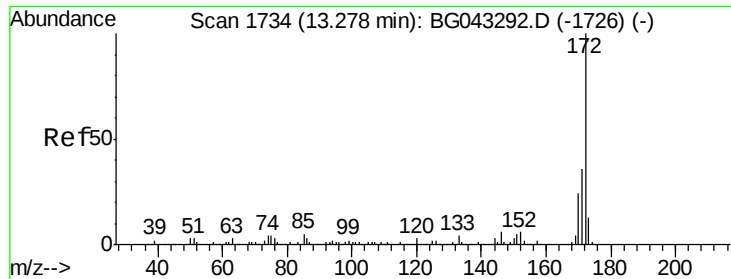
#42
 2,4,6-Tribromophenol
 Concen: 68.750 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Tgt Ion:330 Resp: 183424
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 27.5 22.8 34.2



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

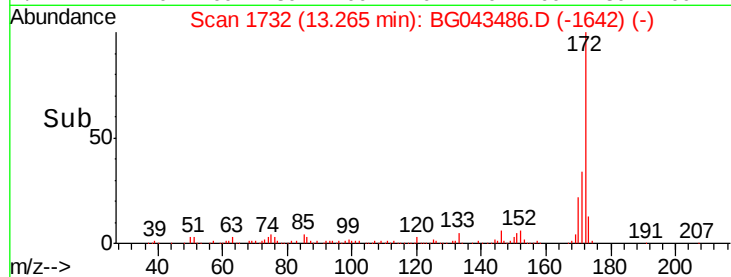
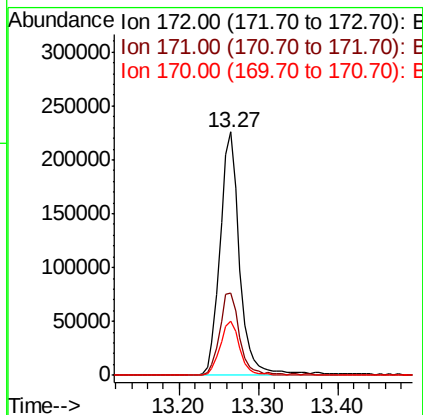
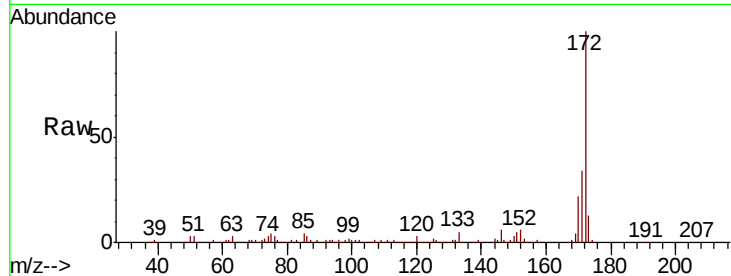




#45
2-Fluorobiphenyl
Concen: 38.390 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

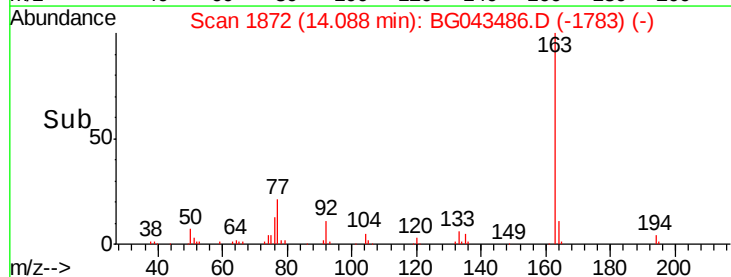
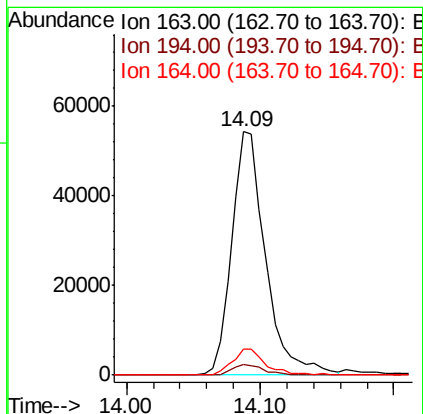
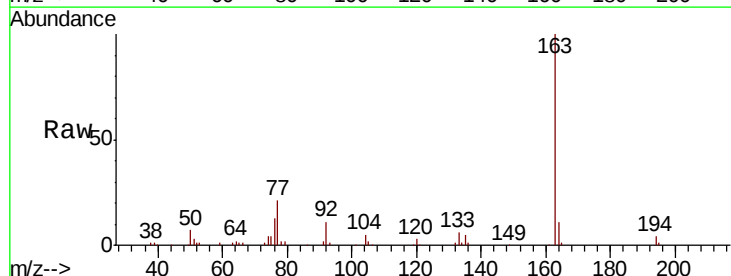
Instrument :
BNA_G
ClientSampleId :
RBR200055-RBR200034-RT1868

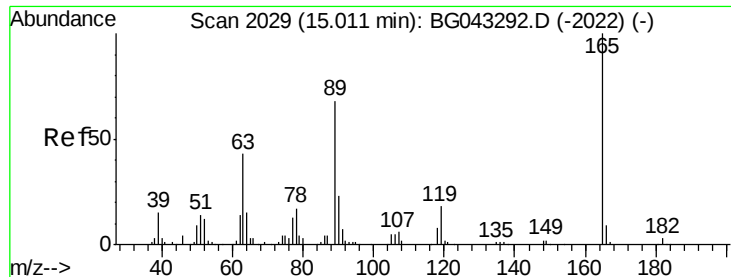
Tot Ion:172 Resp: 389507
Ion Ratio Lower Upper
172 100
171 34.0 28.9 43.3
170 22.1 18.5 27.7



#50
Dimethylphthalate
Concen: 8.819 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion:163 Resp: 95772
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.7 8.9 13.3

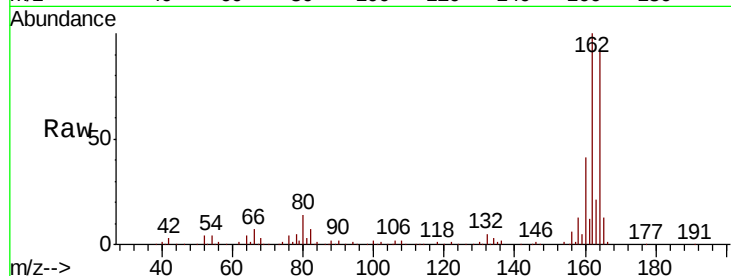




#57
 2,4-Dinitrotoluene
 Concen: 5.681 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.37 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Instrument :
 BNA_G
 ClientSampleId :
 RBR200055-RBR200034-RT1868

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	2.6	52.2	78.4#
182	0.0	2.0	3.0#

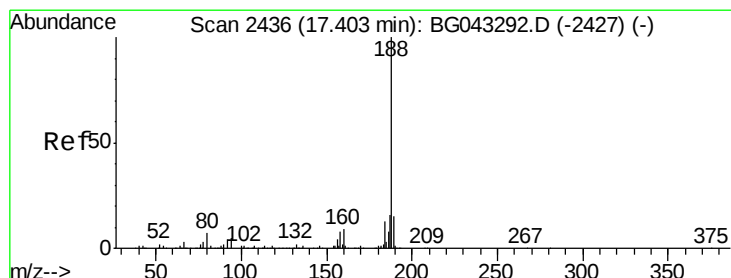
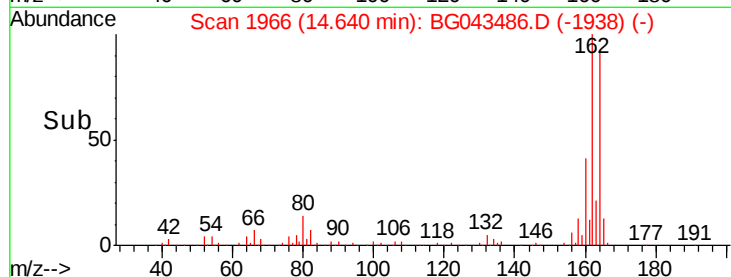
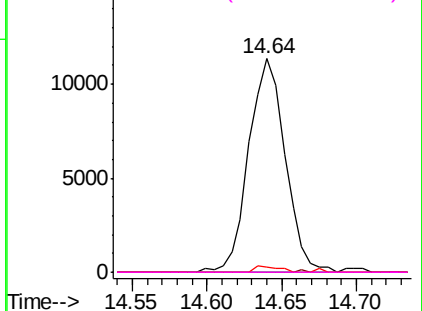


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

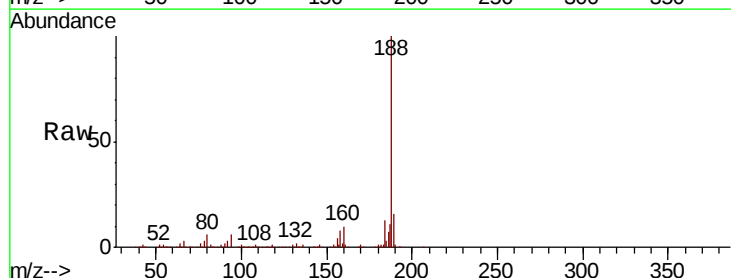
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

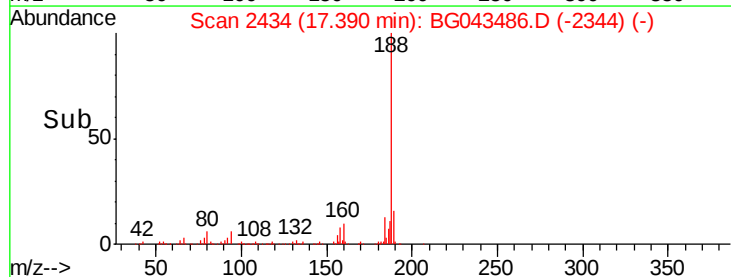
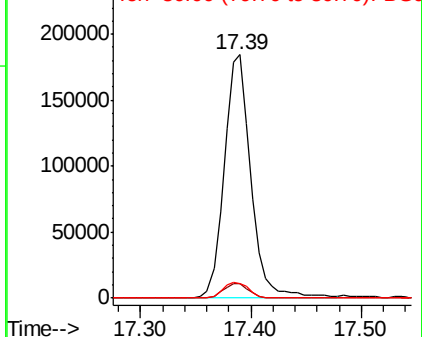
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.0	4.5	6.7

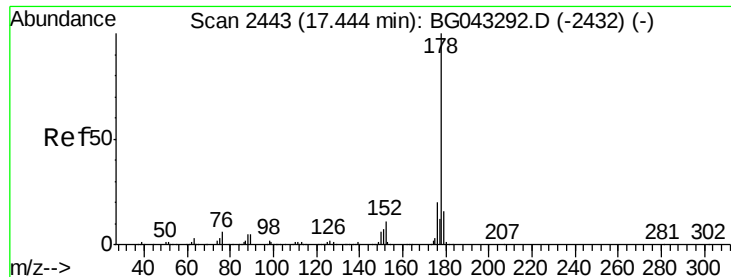


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

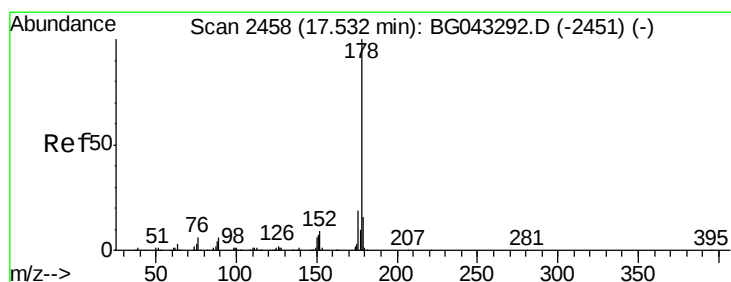
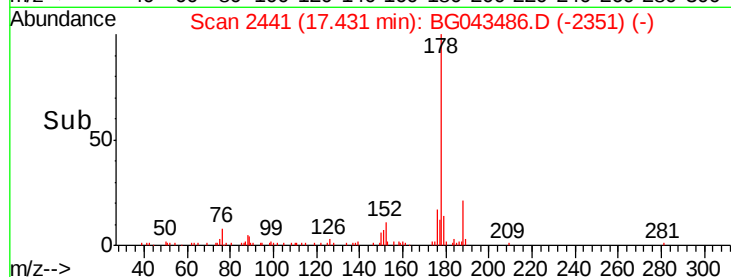
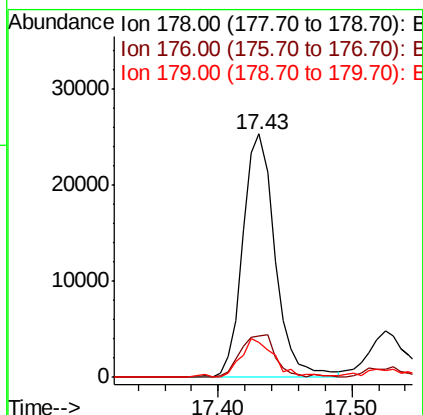
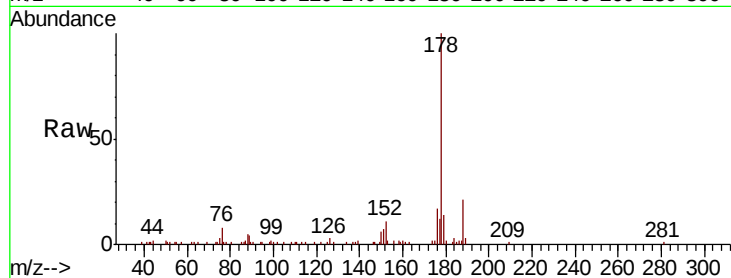




#71
Phenanthrene
Concen: 2.656 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

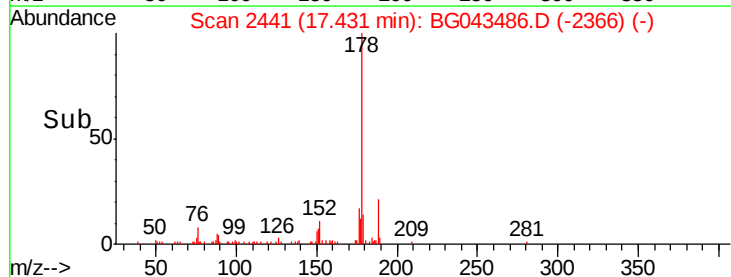
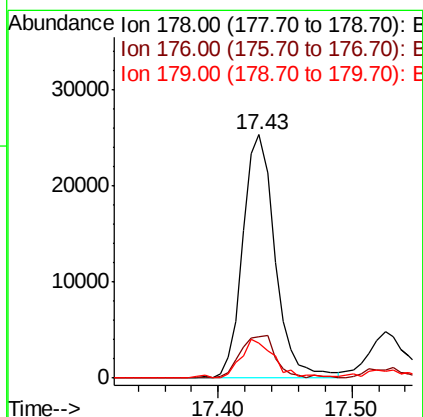
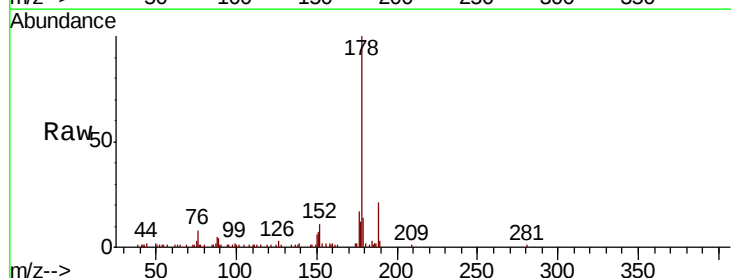
Instrument :
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RBR200055-RBR200034-RT1868

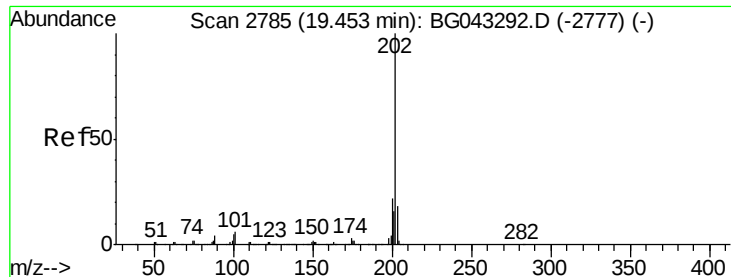
Tot Ion:178 Resp: 42274
Ion Ratio Lower Upper
178 100
176 17.2 15.4 23.0
179 14.4 13.0 19.6



#72
Anthracene
Concen: 2.655 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.09 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion:178 Resp: 42274
Ion Ratio Lower Upper
178 100
176 17.2 15.5 23.3
179 14.4 13.7 20.5





#75

Fluoranthene

Concen: 3.438 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

Instrument :

BNA_G

ClientSampleId :

RBR200055-RBR200034-RT1868

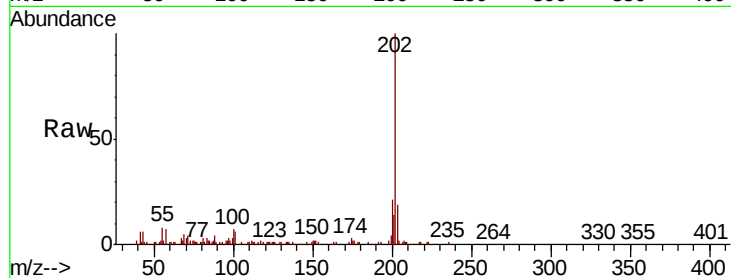
Tot Ion:202 Resp: 71341

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.3

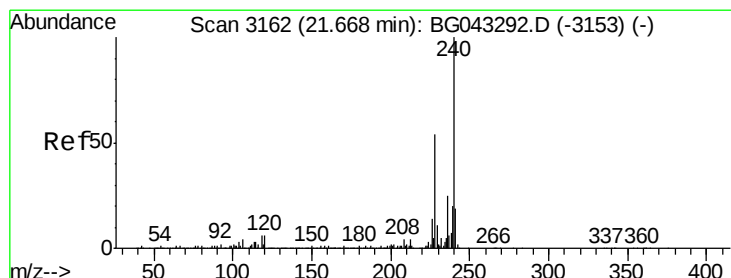
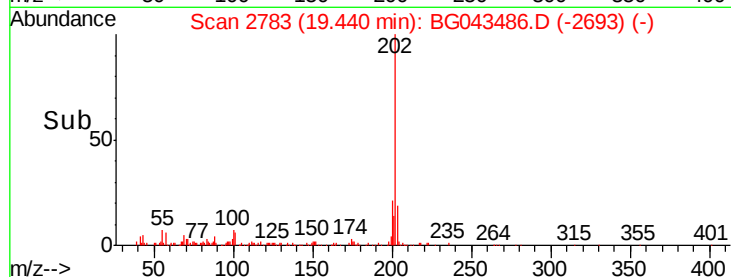
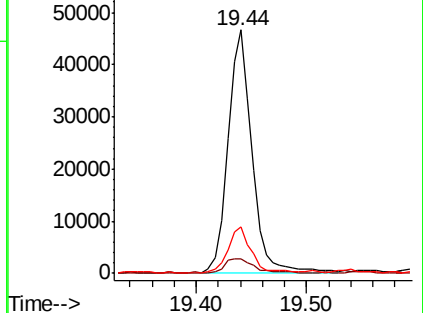
203 19.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

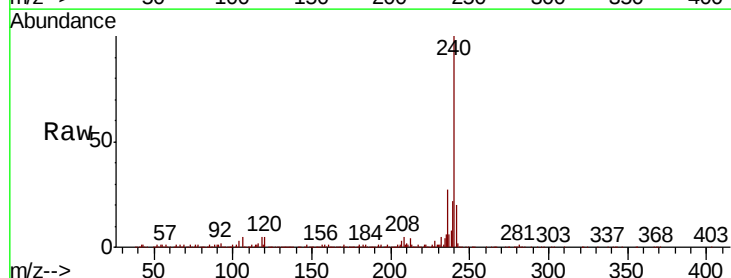
Tgt Ion:240 Resp: 322863

Ion Ratio Lower Upper

240 100

120 5.1 4.6 6.8

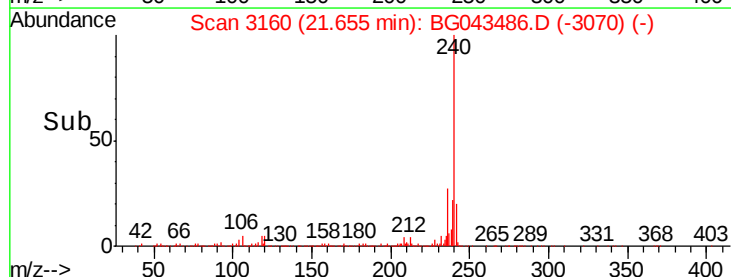
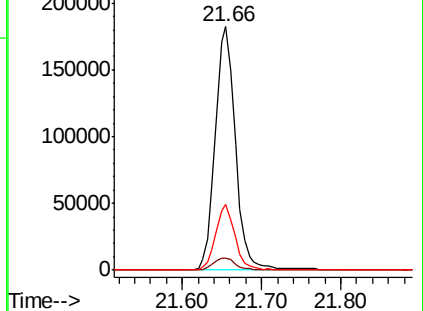
236 27.0 19.8 29.8

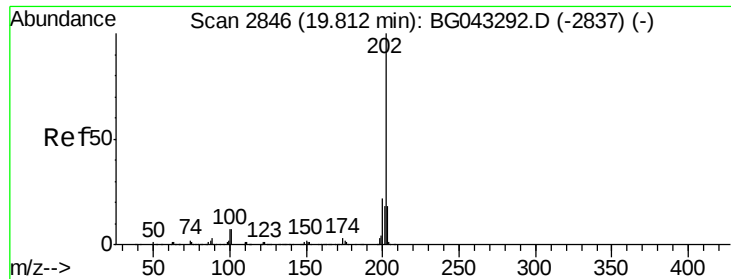


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

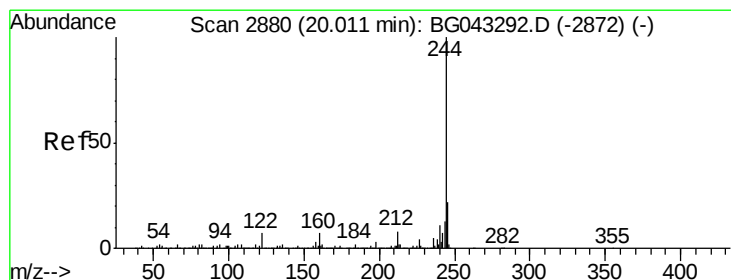
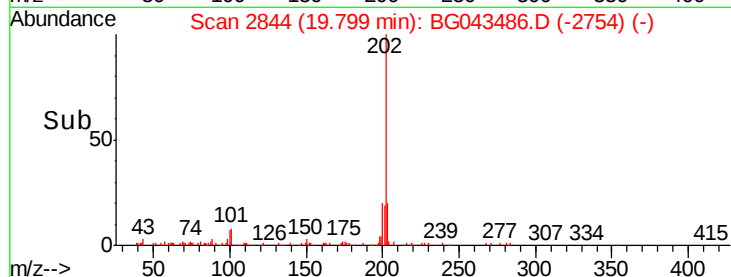
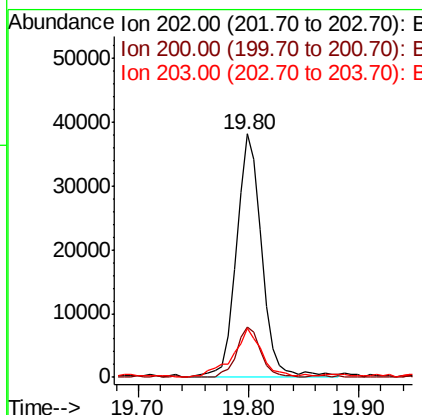
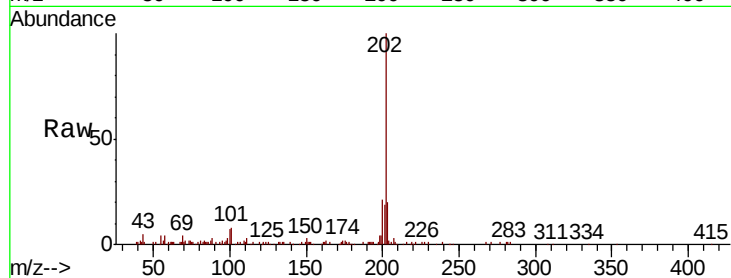




#78
Pvrene
Concen: 3.088 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

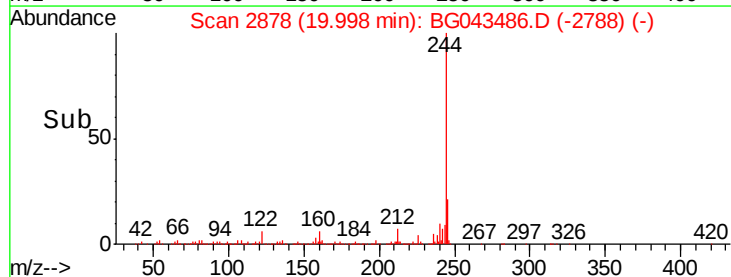
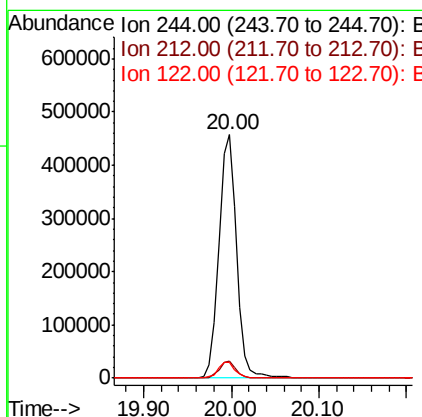
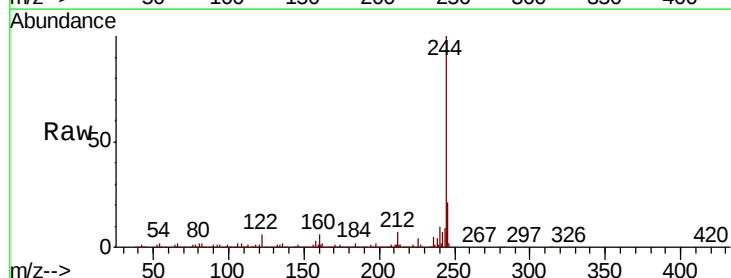
Instrument :
BNA_G
ClientSampleId :
RBR200055-RBR200034-RT1868

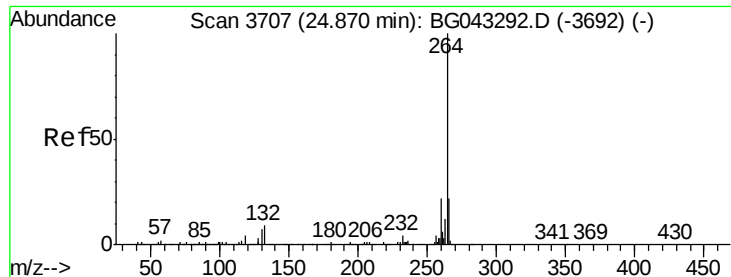
Tot Ion:202 Resp: 61712
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 20.2 14.7 22.1



#79
Terphenyl-d14
Concen: 37.397 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

Tgt Ion:244 Resp: 643591
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 6.5 5.4 8.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Instrument :
 BNA_G
 ClientSampleId :
 RBR200055-RBR200034-RT1868

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	21.6	17.4	26.0

