

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 01:23:44 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

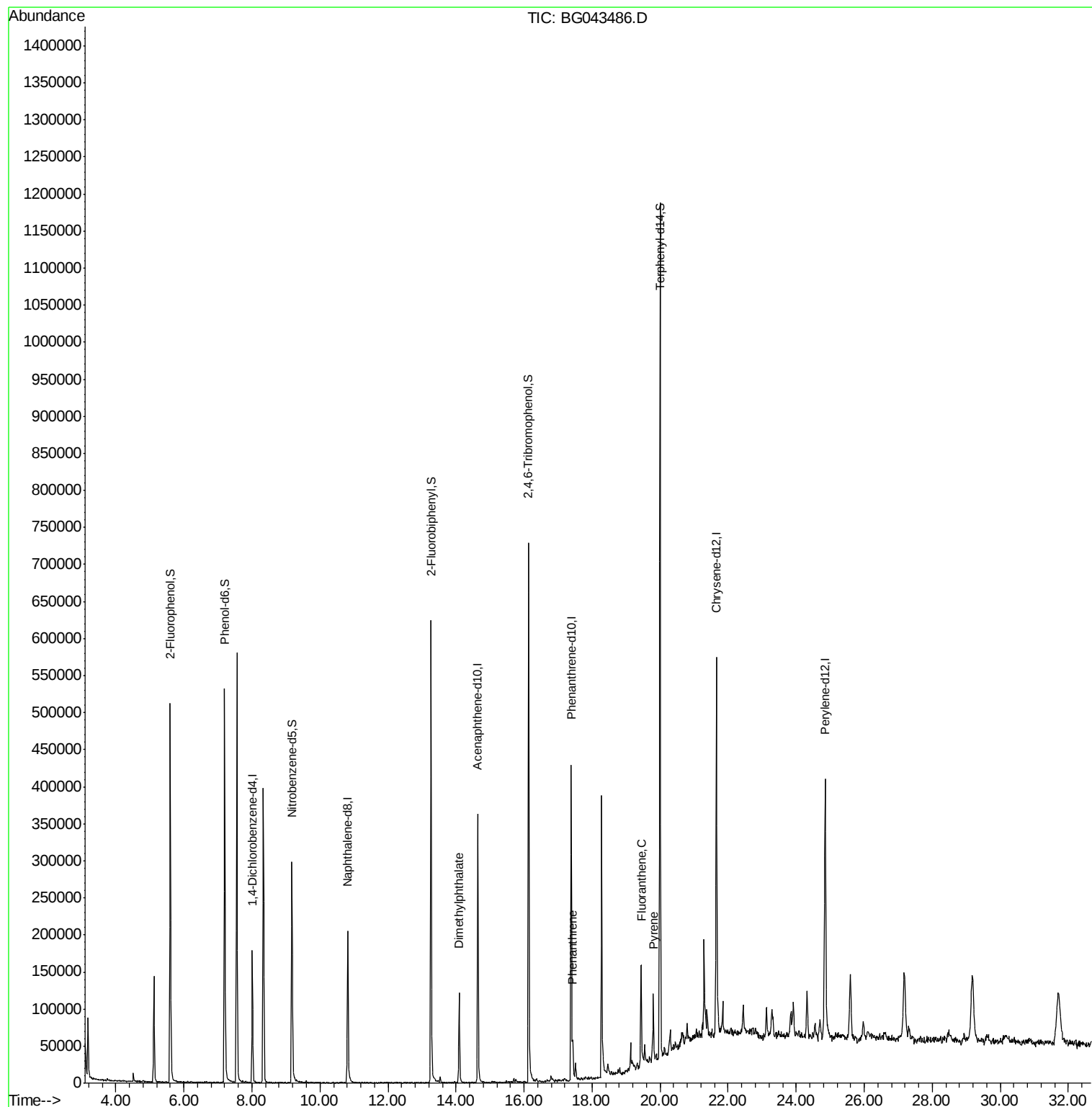
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55773	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	206703	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	140198	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	310834	20.00	ng	0.00
76) Chrysene-d12	21.66	240	322863	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						
50) Dimethylphthalate	14.09	163	95772	8.819	ng	99
71) Phenanthrene	17.43	178	42274	2.656	ng	96
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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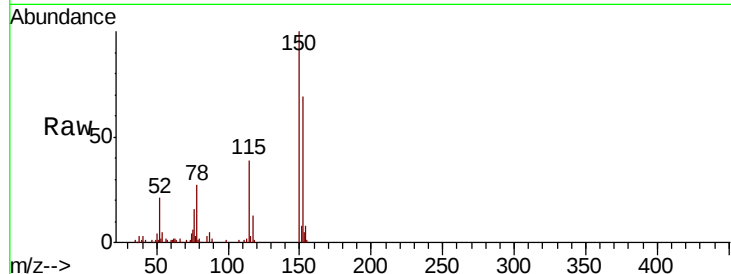


#1

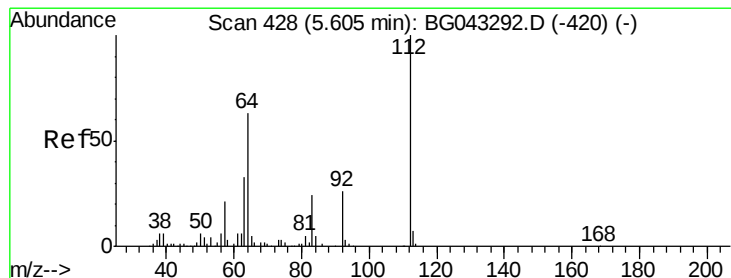
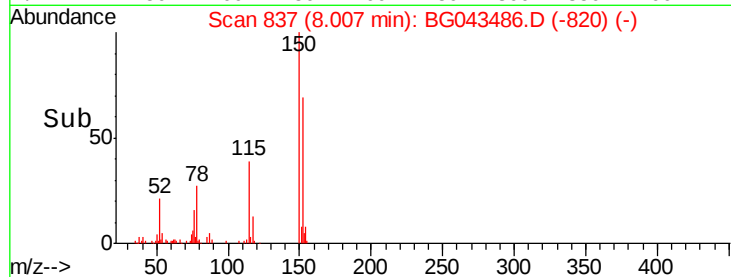
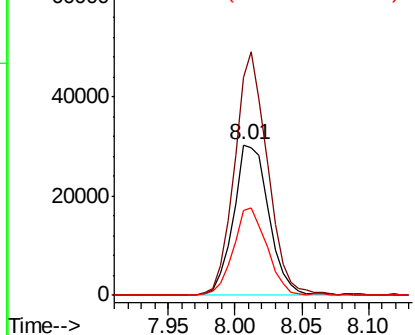
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

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



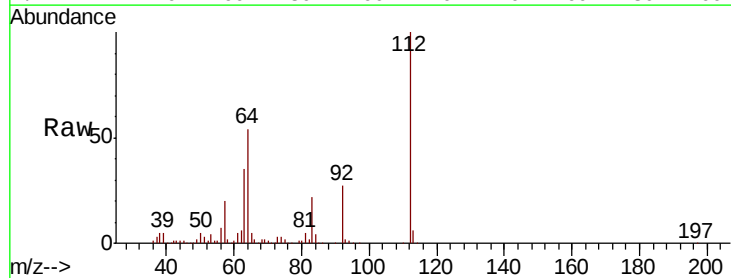
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



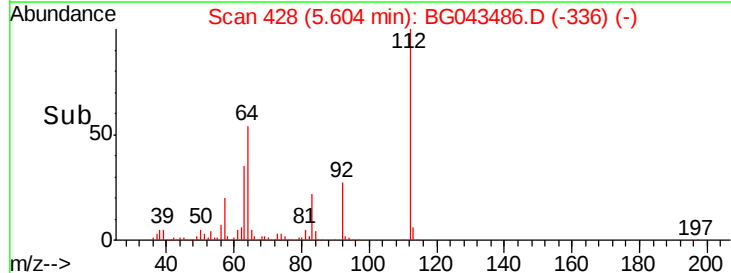
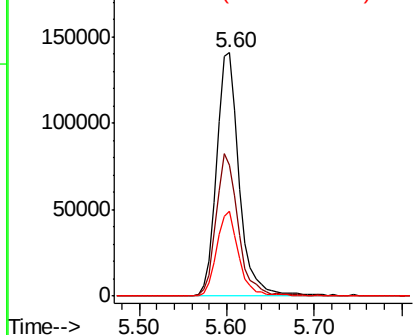
#5

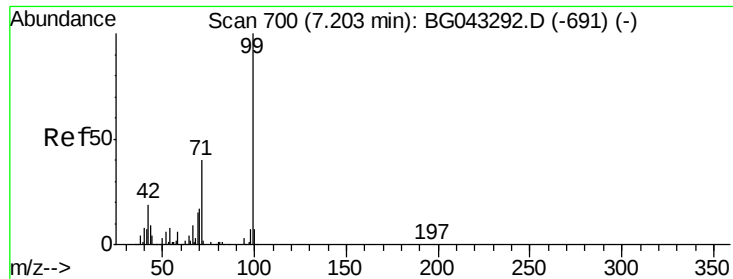
2-Fluorophenol
Concen: 83.190 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

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

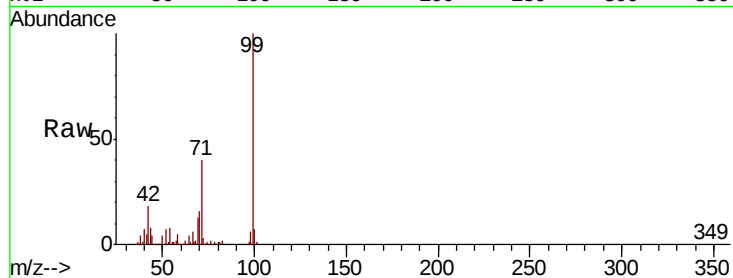
Tot Ion: 99 Resp: 344951

Ion Ratio Lower Upper

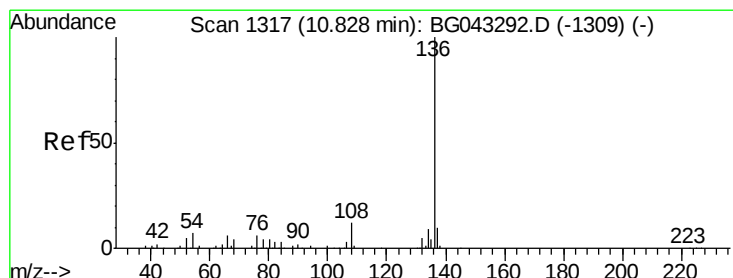
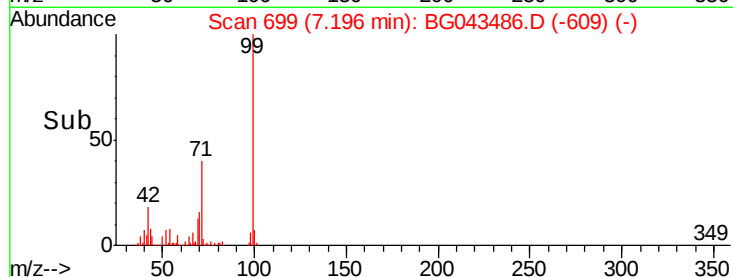
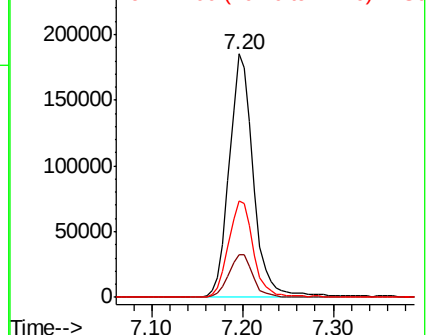
99 100

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



#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

Tgt Ion: 136 Resp: 206703

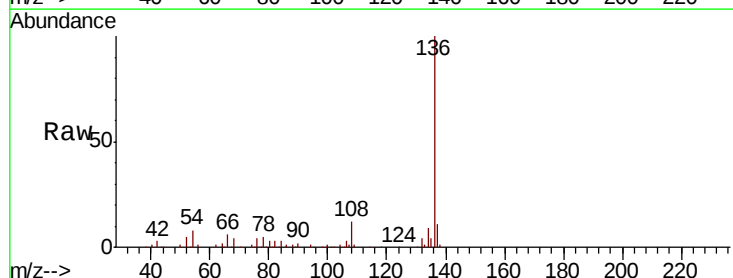
Ion Ratio Lower Upper

136 100

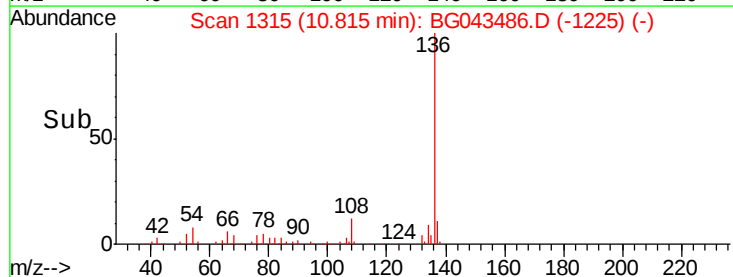
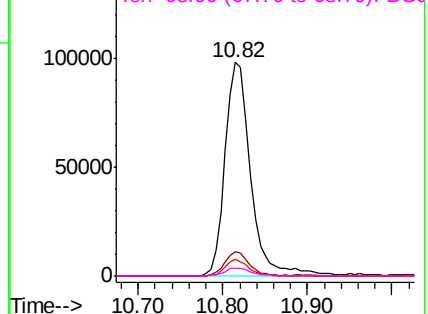
137 11.5 8.7 13.1

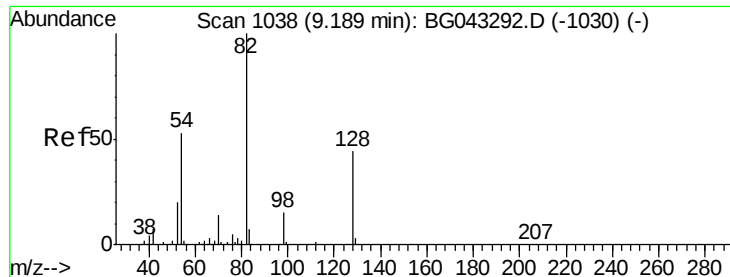
54 7.6 5.4 8.2

68 3.9 3.0 4.4



Abundance Ion 136.00 (135.70 to 136.70): 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

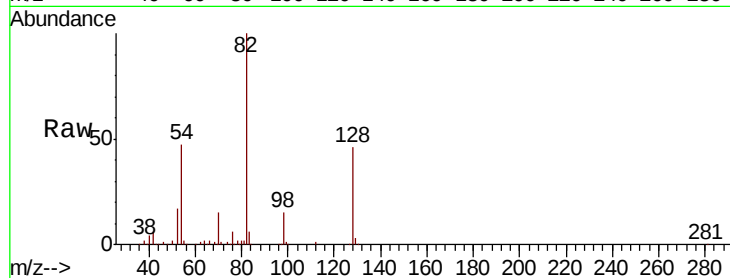




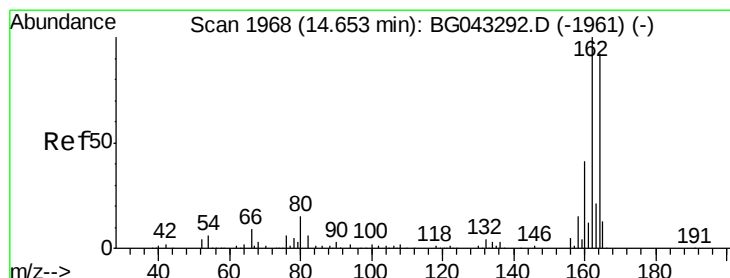
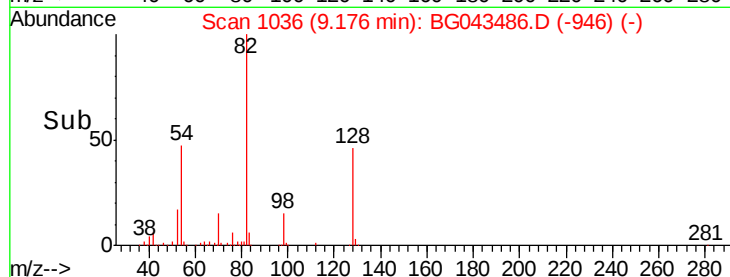
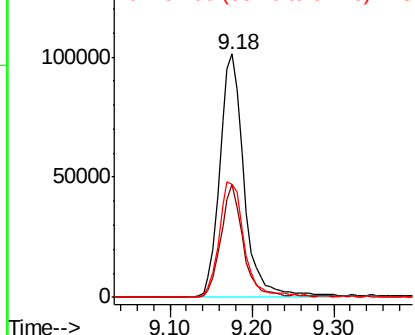
#23
 Nitrobenzene-d5
 Concen: 52.537 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Instrument :
 BNA_G
 ClientSampleId :
 RBR200055-RBR200034-RT1868

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

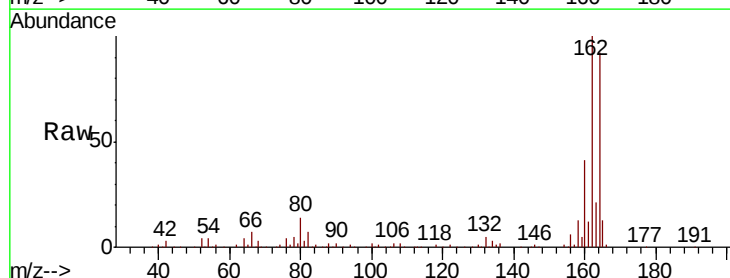


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

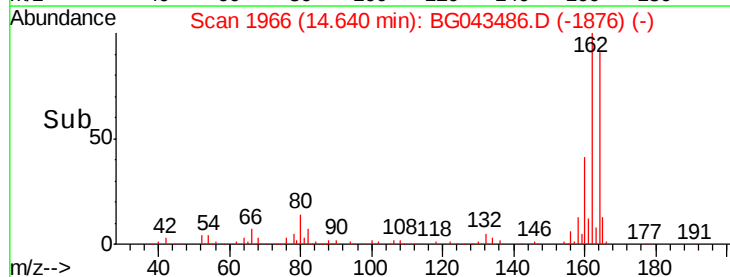
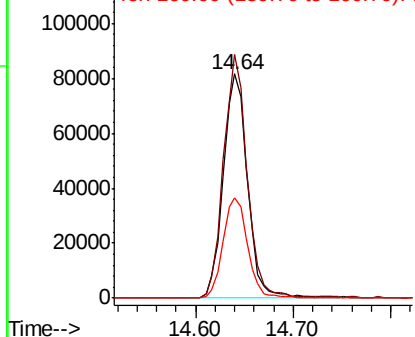


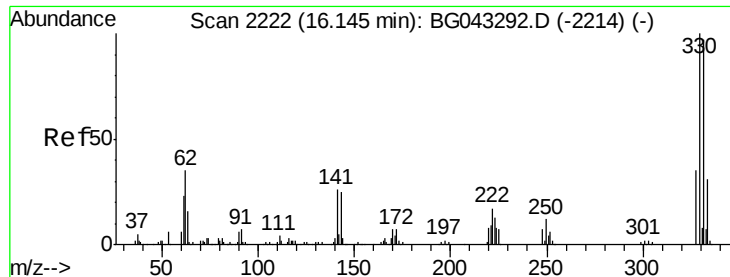
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043486.D
 Acq: 4 Nov 2019 18:29

Tgt 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): 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: 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

Instrument :

BNA_G

ClientSampleId :

RBR200055-RBR200034-RT1868

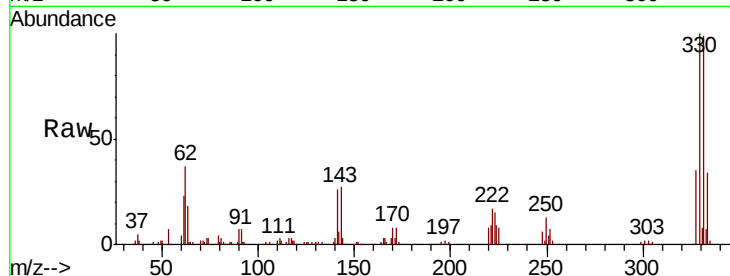
Tot Ion:330 Resp: 183424

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

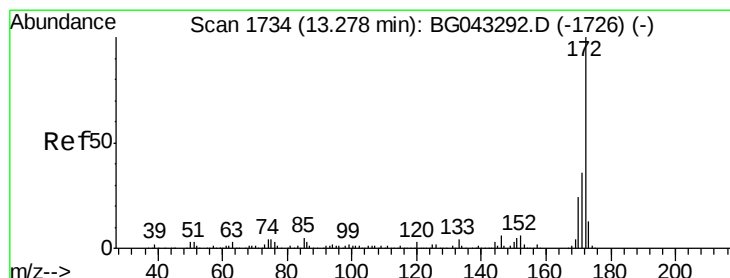
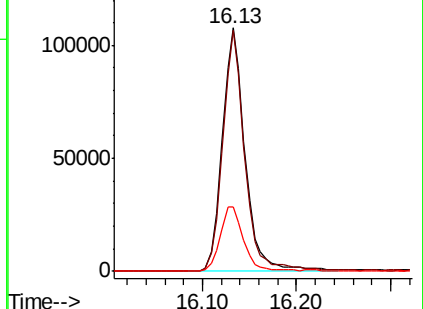
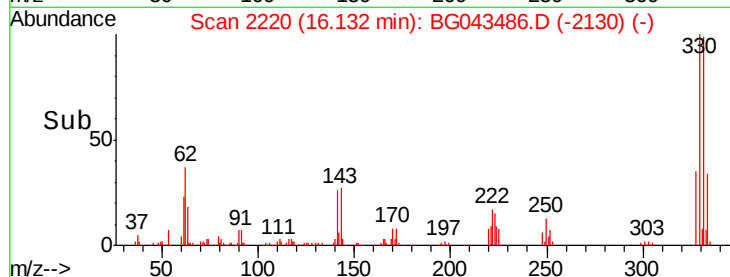
141 27.5 22.8 34.2



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

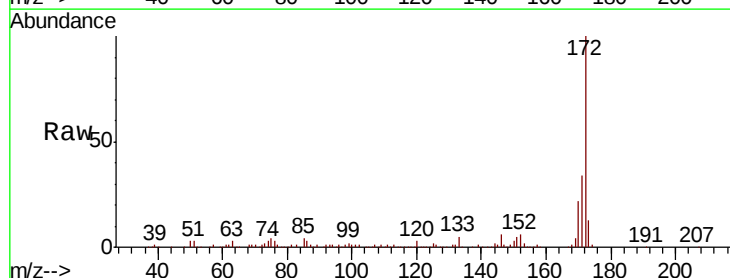
Tgt Ion:172 Resp: 389507

Ion Ratio Lower Upper

172 100

171 34.0 28.9 43.3

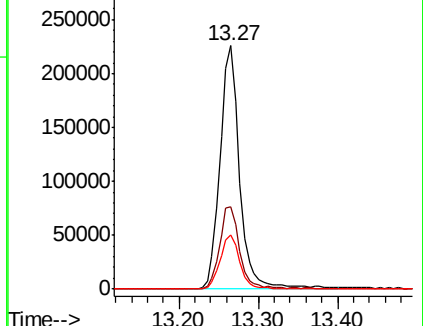
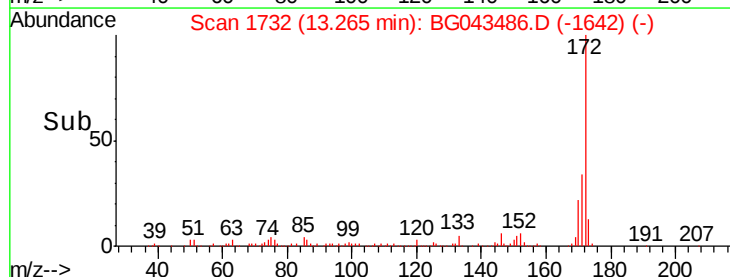
170 22.1 18.5 27.7

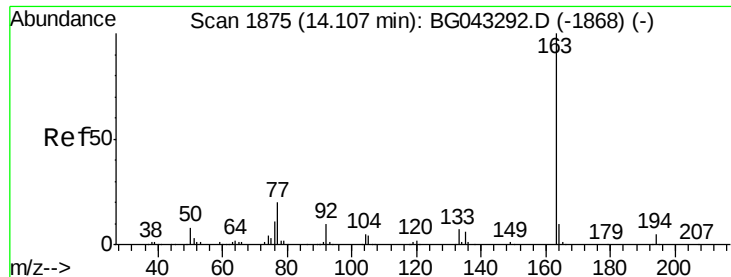


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

RBR200055-RBR200034-RT1868

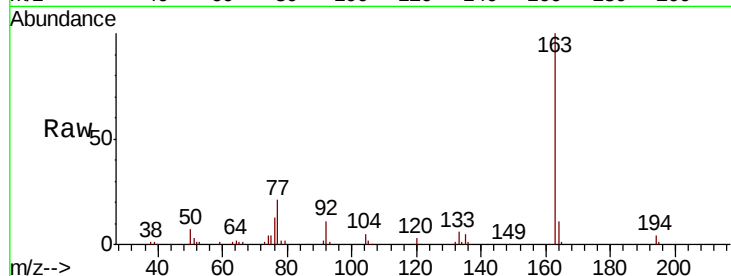
Tot Ion:163 Resp: 95772

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

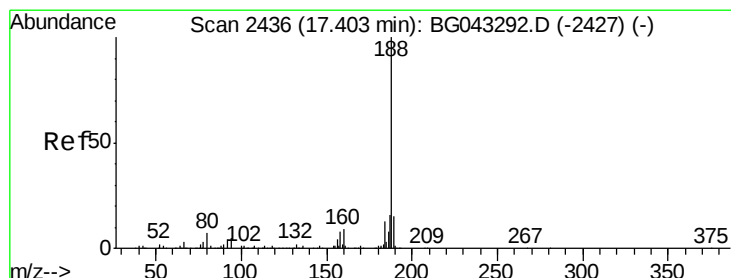
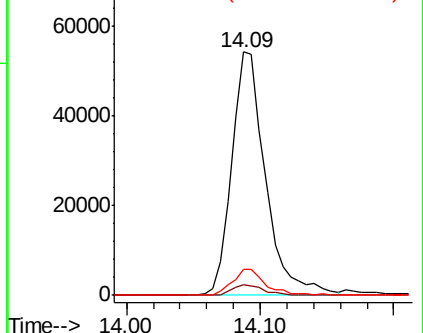
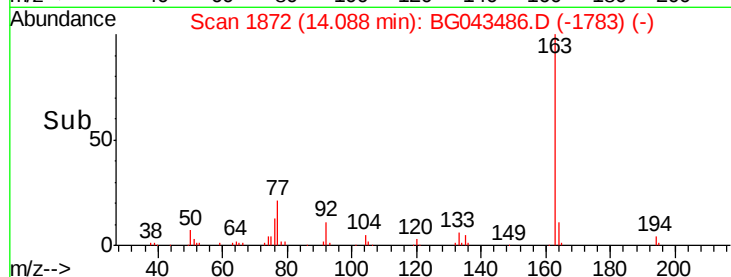
164 10.7 8.9 13.3



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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

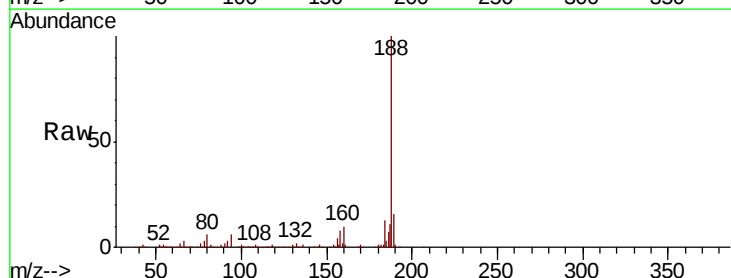
Tgt Ion:188 Resp: 310834

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

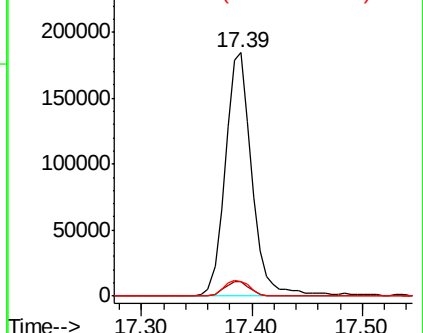
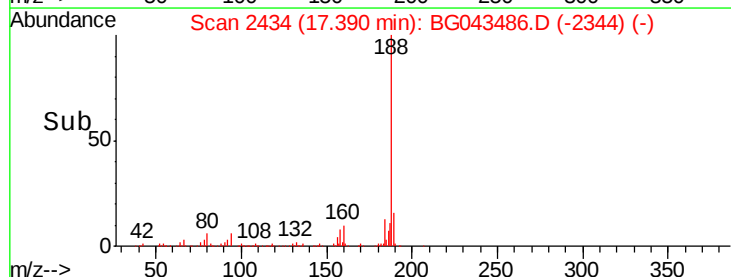
80 6.0 4.5 6.7

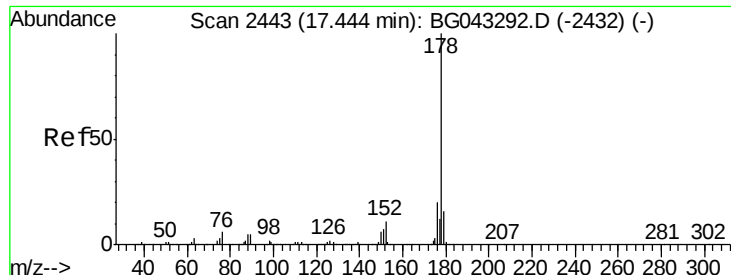


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

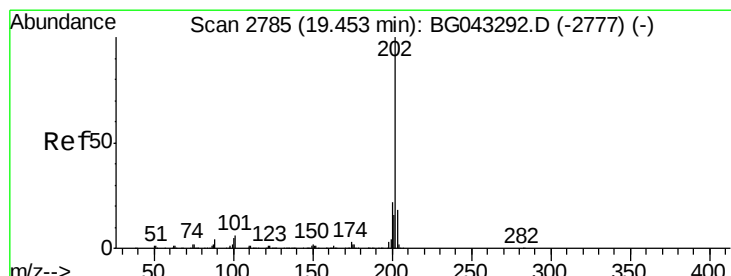
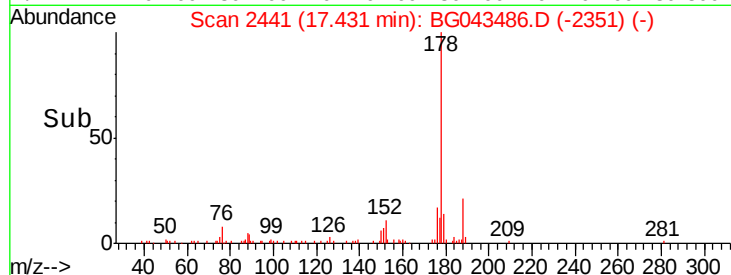
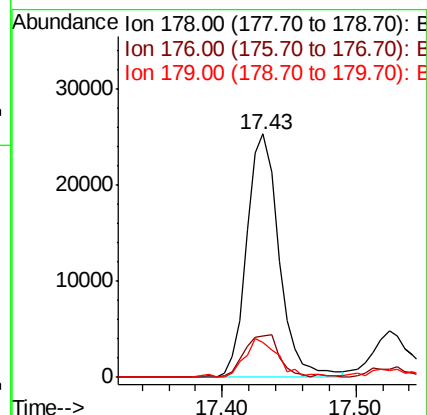
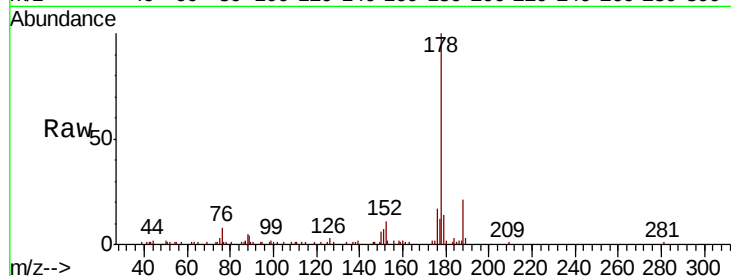




#71
Phenanthrene
Concen: 2.656 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043486.D
Acq: 4 Nov 2019 18:29

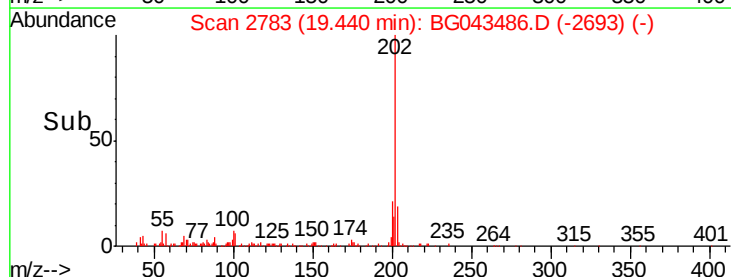
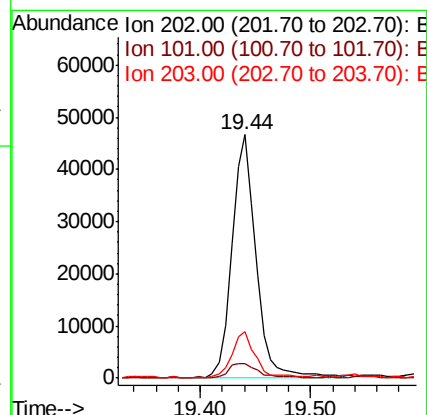
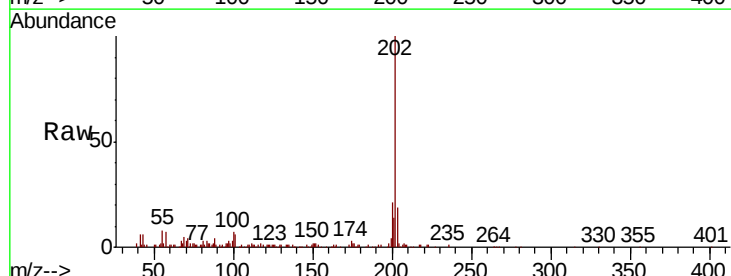
Instrument :
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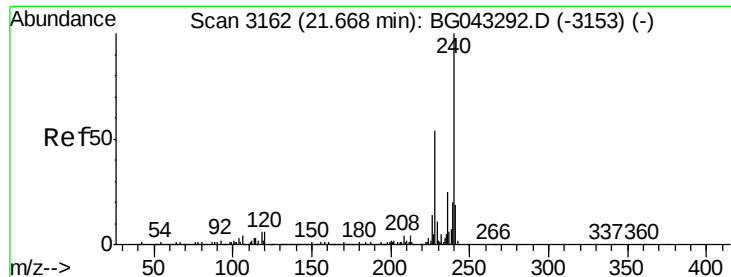
Tot Ion:178 Resp: 42274
Ion Ratio Lower Upper
178 100
176 17.2 15.4 23.0
179 14.4 13.0 19.6



#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

Tgt Ion:202 Resp: 71341
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.3
203 19.2 0.0 37.9





#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

Instrument :

BNA_G

ClientSampleId :

RBR200055-RBR200034-RT1868

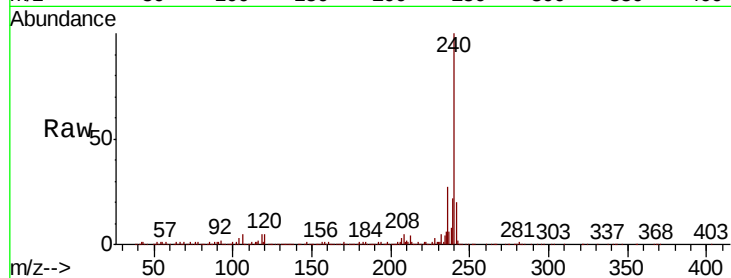
Tot Ion:240 Resp: 322863

Ion Ratio Lower Upper

240 100

120 5.1 4.6 6.8

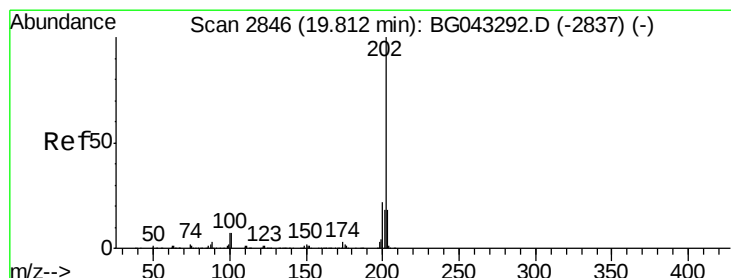
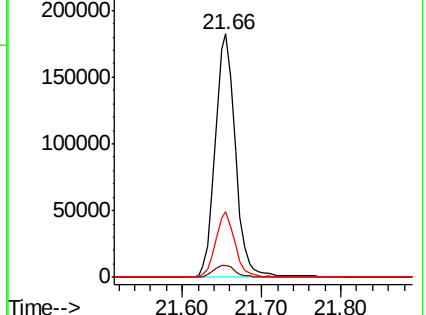
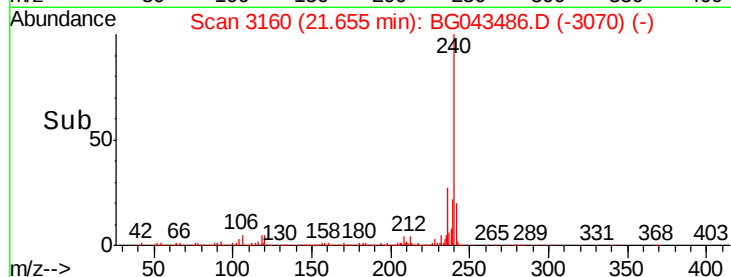
236 27.0 19.8 29.8



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

Pyrene

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

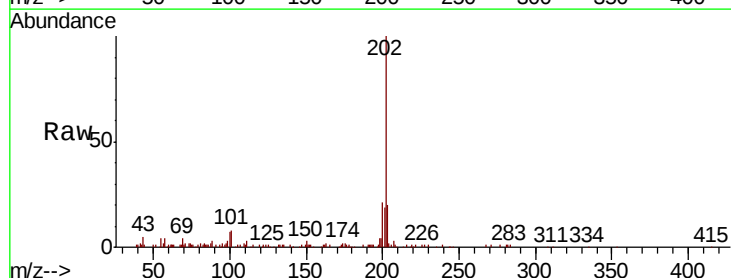
Tgt Ion:202 Resp: 61712

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

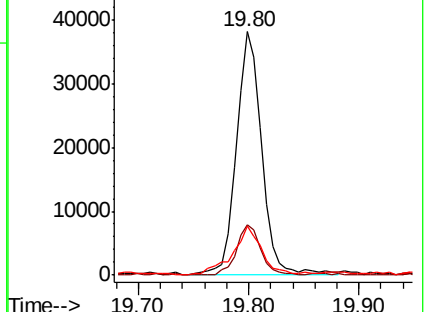
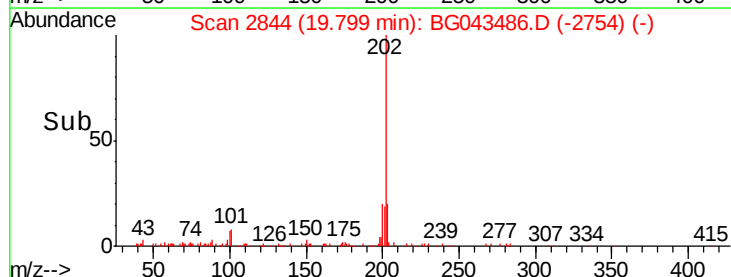
203 20.2 14.7 22.1

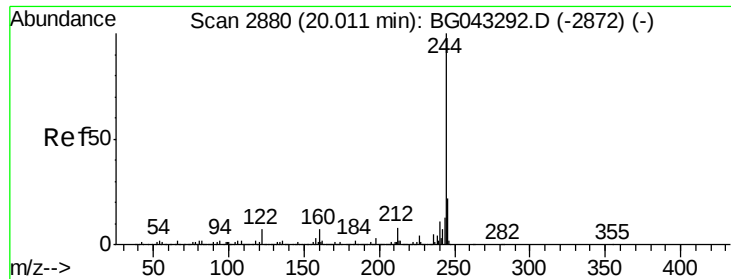


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#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

Instrument :

BNA_G

ClientSampleId :

RBR200055-RBR200034-RT1868

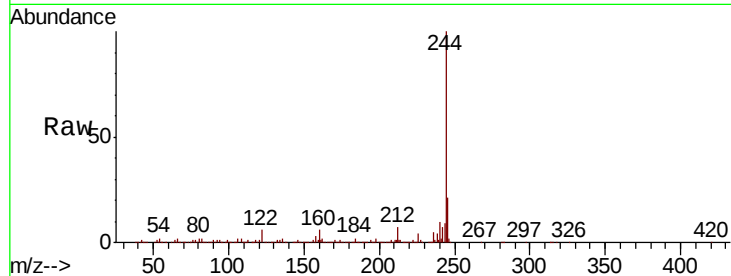
Tot Ion:244 Resp: 643591

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

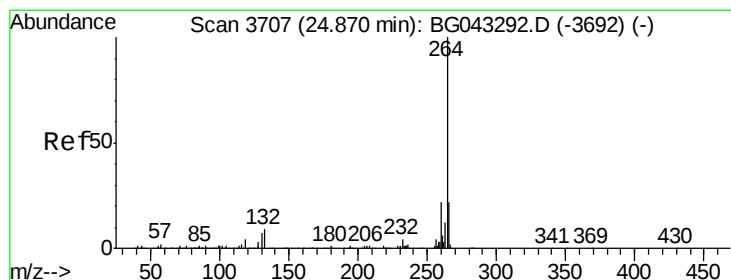
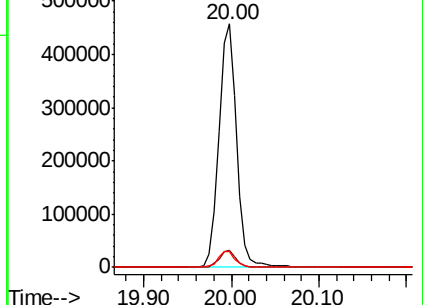
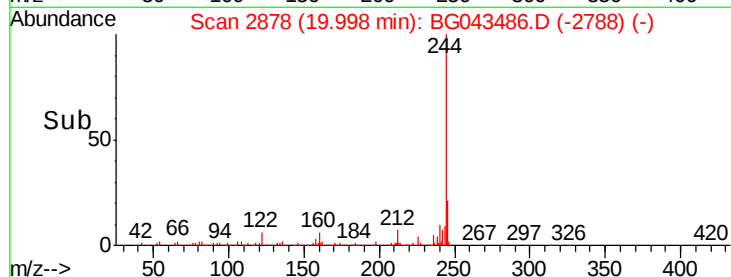
122 6.5 5.4 8.2



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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043486.D

Acq: 4 Nov 2019 18:29

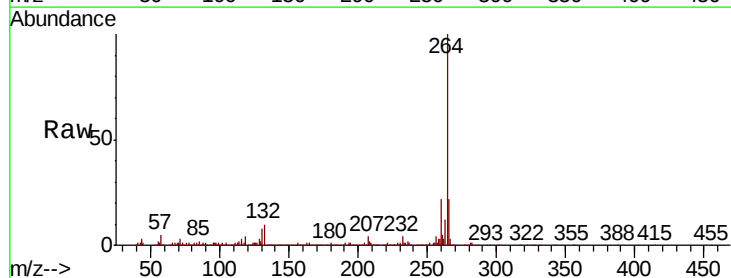
Tgt Ion:264 Resp: 387722

Ion Ratio Lower Upper

264 100

260 22.1 17.5 26.3

265 21.6 17.4 26.0



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

