

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044818.D
 Acq On : 16 Mar 2020 18:18
 Operator : CG/JU
 Sample : L1912-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-2

Quant Time: Mar 17 02:30:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

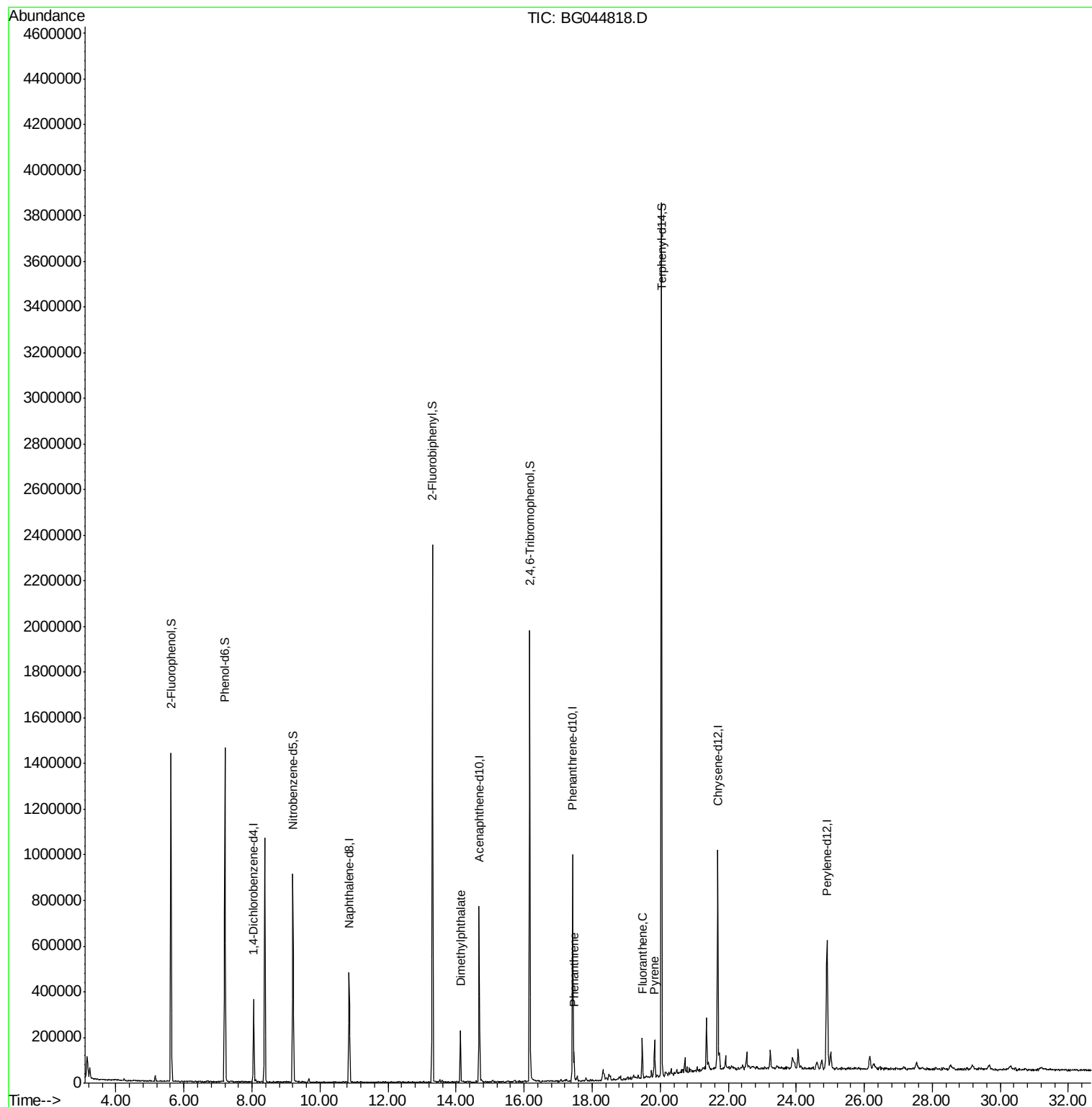
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100772	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	401577	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	275888	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	636907	20.00	ng	0.00
76) Chrysene-d12	21.70	240	547812	20.00	ng	0.00
87) Perylene-d12	24.90	264	623733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	636864	98.38	ng	0.00
7) Phenol-d6	7.21	99	907566	96.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	593378	64.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	390208	108.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1223318	63.50	ng	0.00
79) Terphenyl-d14	20.04	244	1841082	62.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	150827	6.864	ng	96
71) Phenanthrene	17.47	178	81542	2.396	ng	96
75) Fluoranthene	19.47	202	108244	2.671	ng	100
78) Pyrene	19.83	202	102102	2.540	ng	96

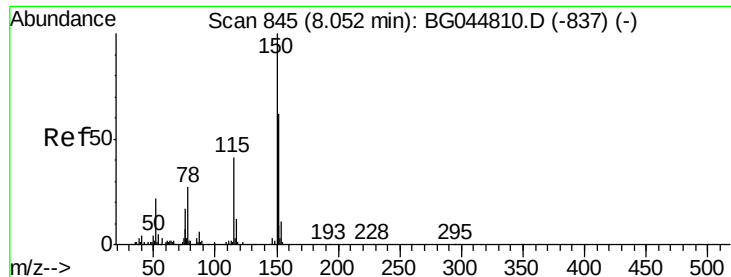
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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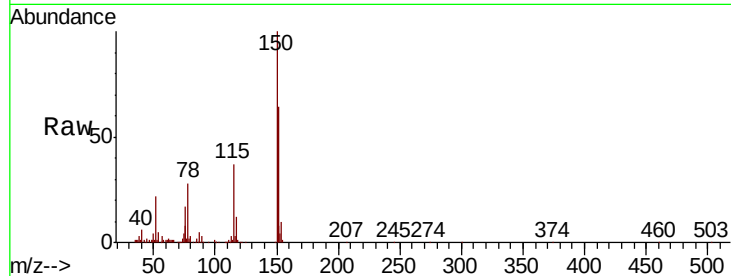


#1

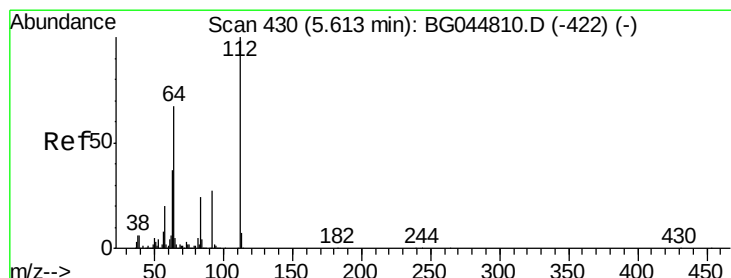
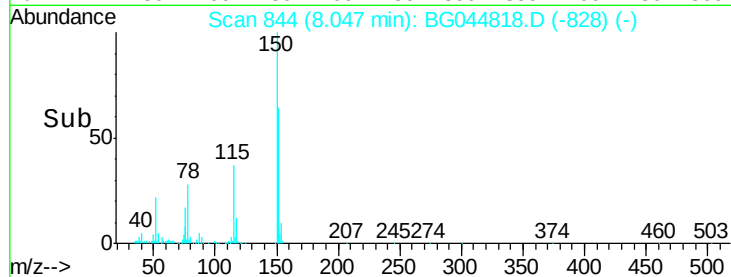
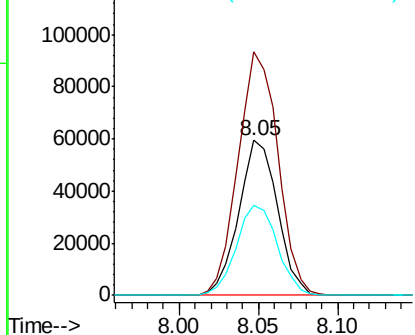
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG044818.D
 Acq: 16 Mar 2020 18:18

Instrument :
 BNA_G
 ClientSampleId :
 Z1-2

Tot Ion:152 Resp: 100772
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.8 193.2
 115 58.5 52.6 79.0



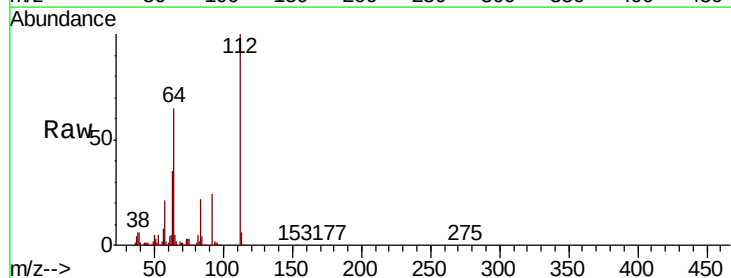
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



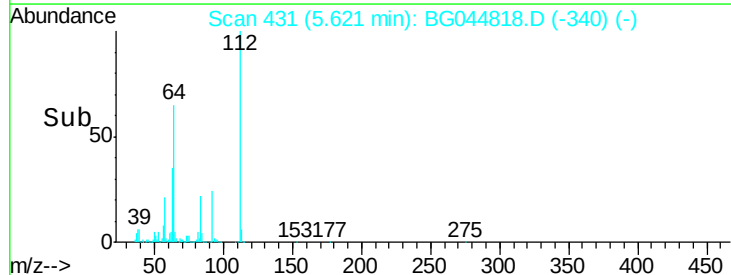
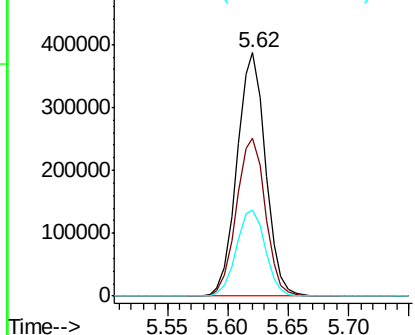
#5

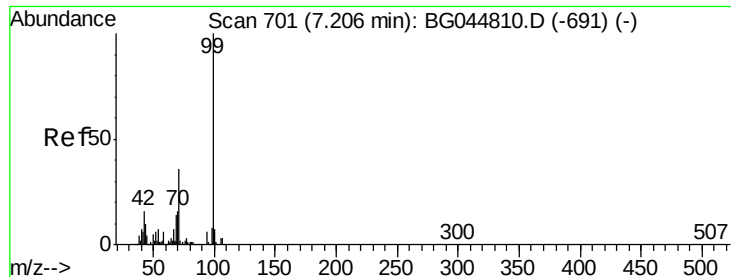
2-Fluorophenol
 Concen: 98.381 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BG044818.D
 Acq: 16 Mar 2020 18:18

Tgt Ion:112 Resp: 636864
 Ion Ratio Lower Upper
 112 100
 64 64.6 53.4 80.2
 63 35.4 29.4 44.2



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: 96.493 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044818.D

Acq: 16 Mar 2020 18:18

Instrument :

BNA_G

ClientSampleId :

Z1-2

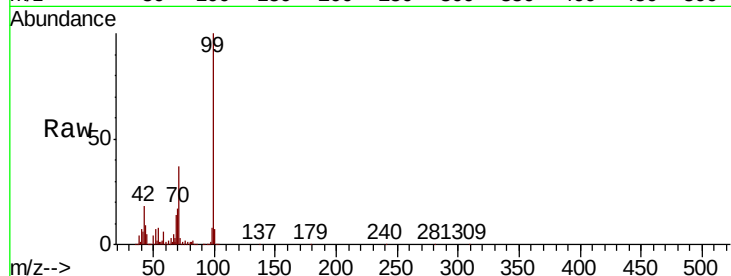
Tot Ion: 99 Resp: 907566

Ion Ratio Lower Upper

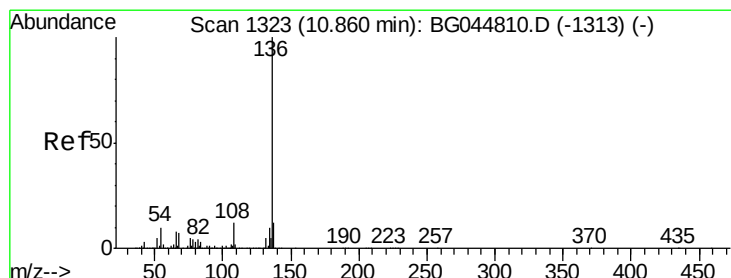
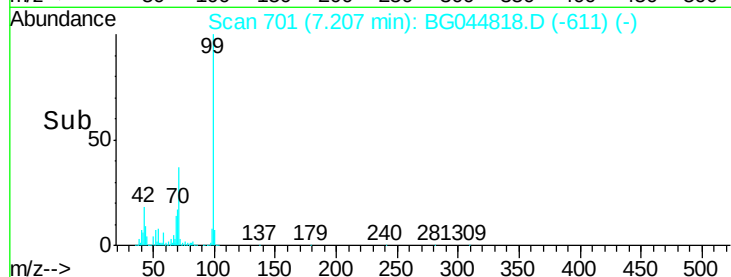
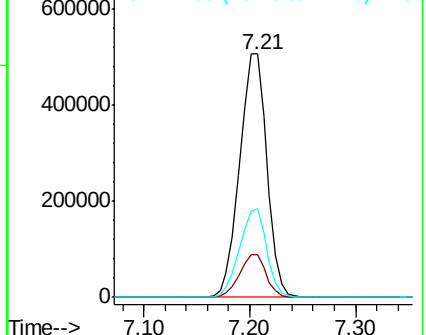
99 100

42 17.7 12.6 19.0

71 36.7 29.0 43.4



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044818.D

Acq: 16 Mar 2020 18:18

Tgt Ion: 136 Resp: 401577

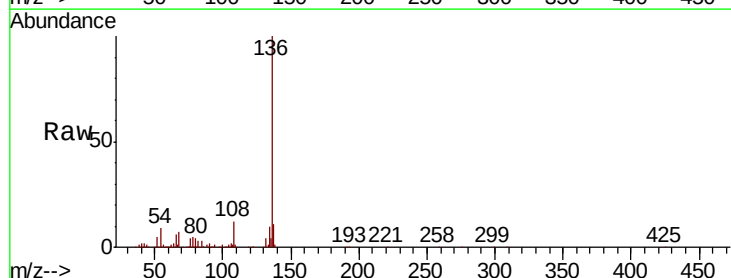
Ion Ratio Lower Upper

136 100

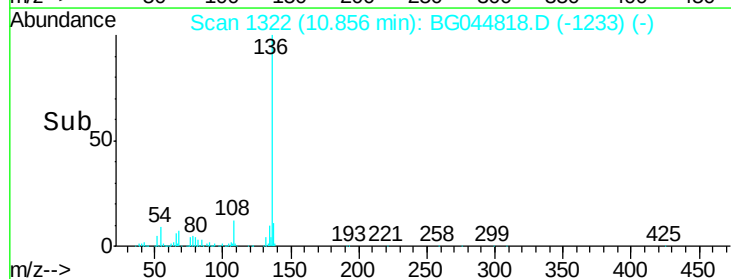
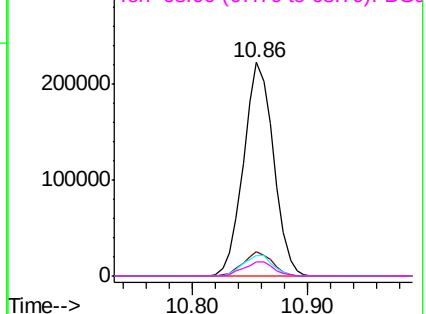
137 11.4 9.8 14.6

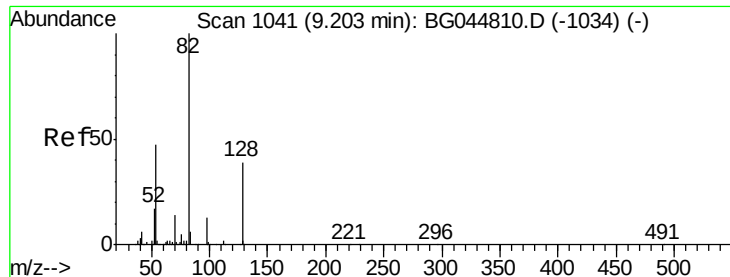
54 9.3 7.9 11.9

68 6.7 5.4 8.0



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

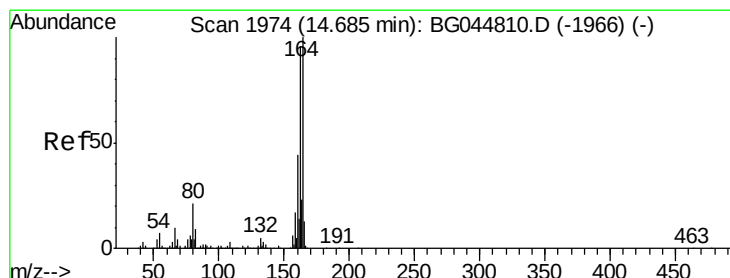
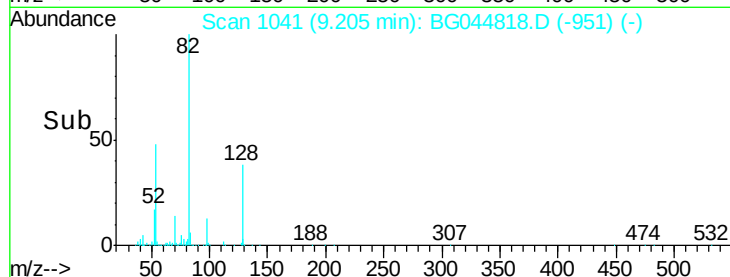
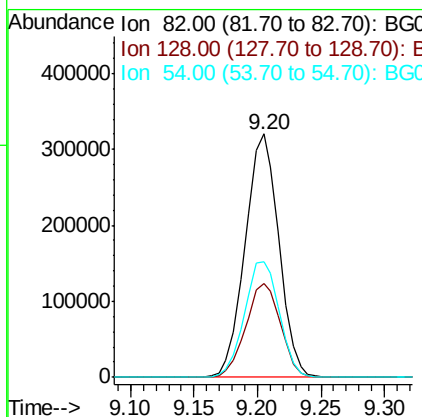
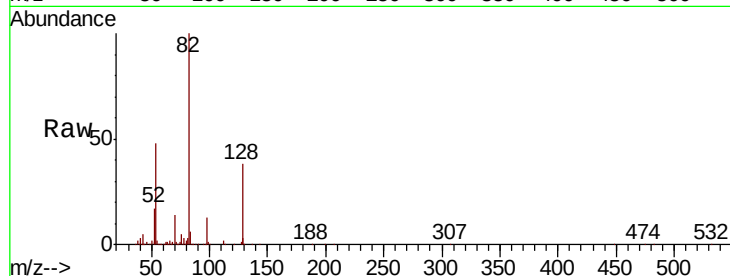




#23
 Nitrobenzene-d5
 Concen: 64.840 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044818.D
 Acq: 16 Mar 2020 18:18

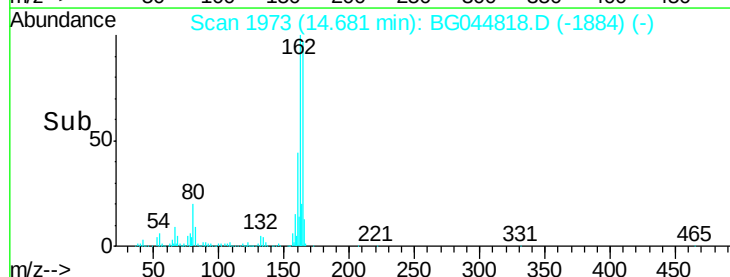
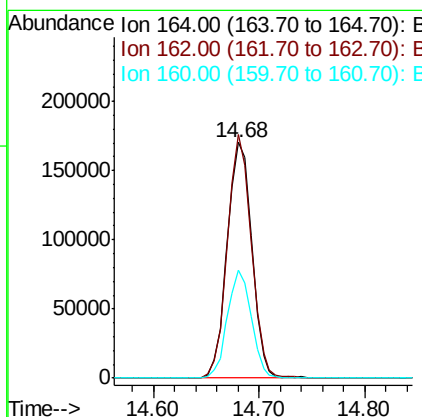
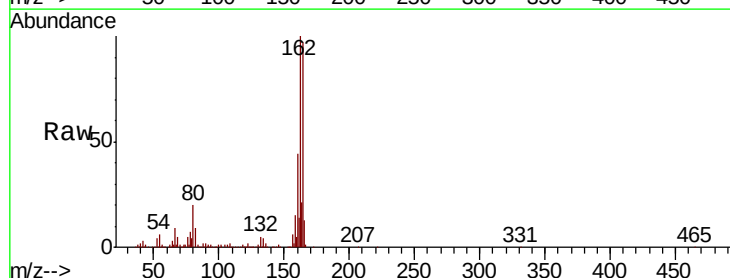
Instrument :
 BNA_G
 ClientSampleId :
 Z1-2

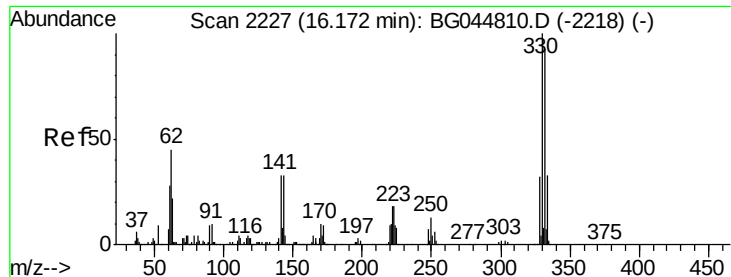
Tot Ion: 82 Resp: 593378
 Ion Ratio Lower Upper
 82 100
 128 38.4 30.6 46.0
 54 47.6 37.1 55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG044818.D
 Acq: 16 Mar 2020 18:18

Tgt Ion: 164 Resp: 275888
 Ion Ratio Lower Upper
 164 100
 162 103.3 76.7 115.1
 160 45.9 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 108.021 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044818.D

Acq: 16 Mar 2020 18:18

Instrument :

BNA_G

ClientSampleId :

Z1-2

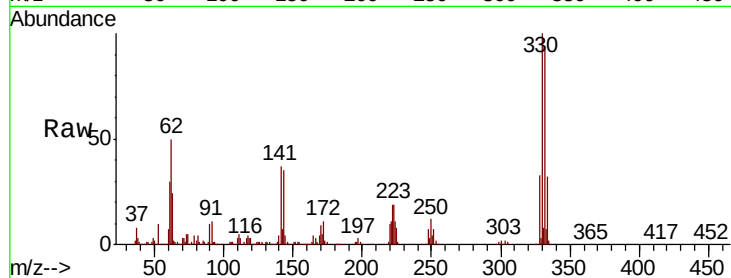
Tot Ion:330 Resp: 390208

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

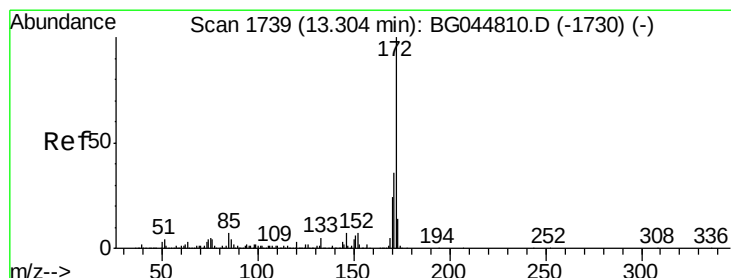
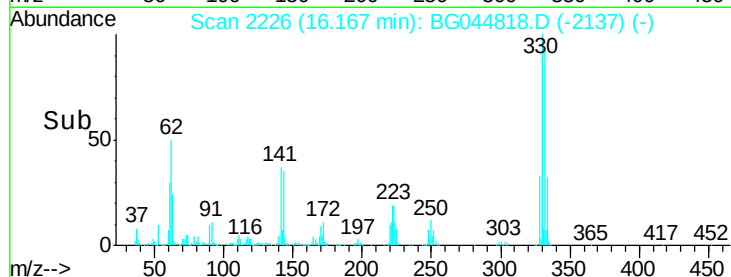
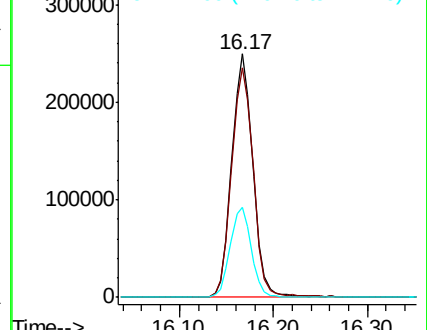
141 37.5 29.5 44.3



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: 63.498 ng

RT: 13.31 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG044818.D

Acq: 16 Mar 2020 18:18

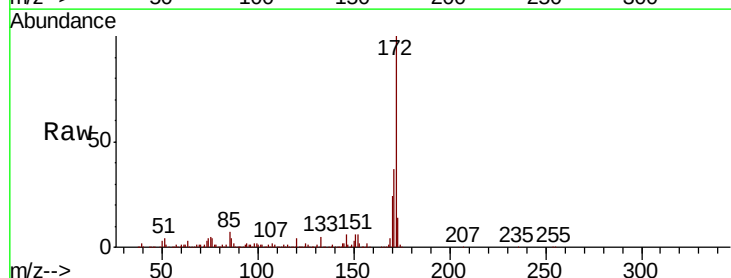
Tgt Ion:172 Resp: 1223318

Ion Ratio Lower Upper

172 100

171 37.0 28.7 43.1

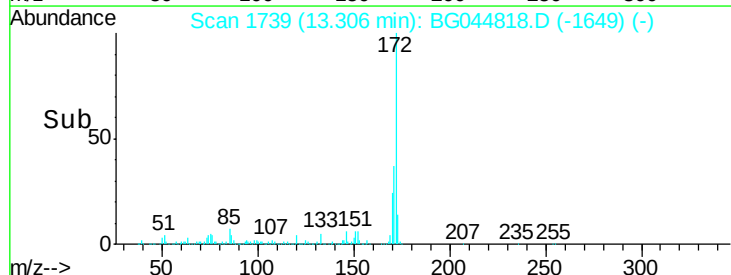
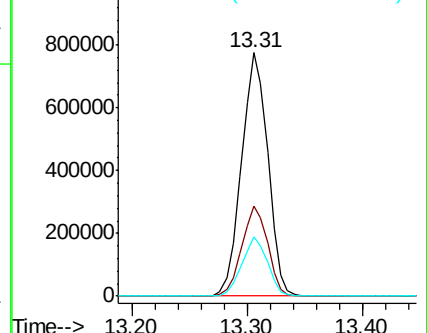
170 24.2 19.0 28.6

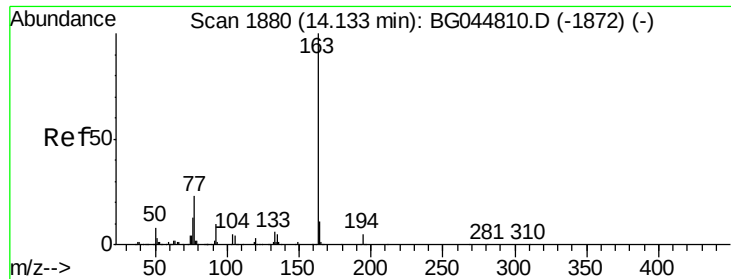


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

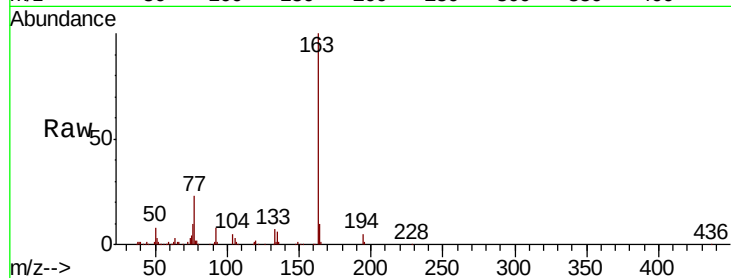




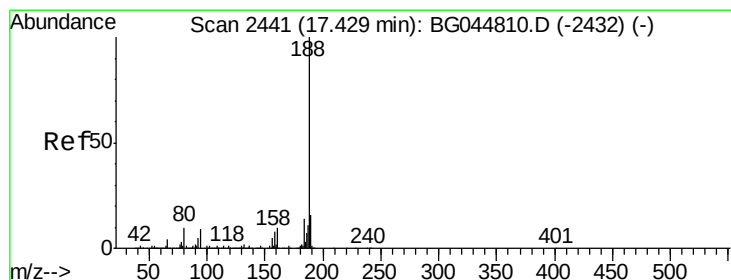
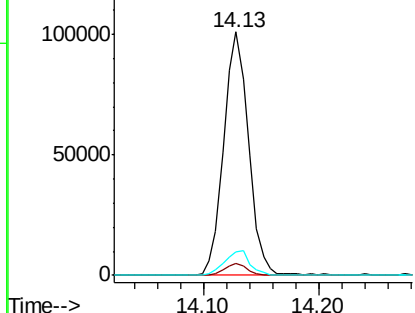
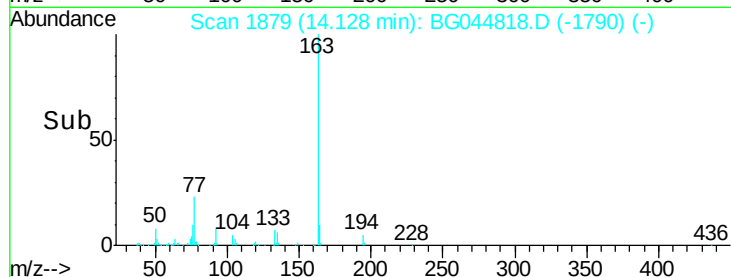
#50
Dimethylphthalate
Concen: 6.864 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

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Z1-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.7	5.5
164	9.7	9.1	13.7

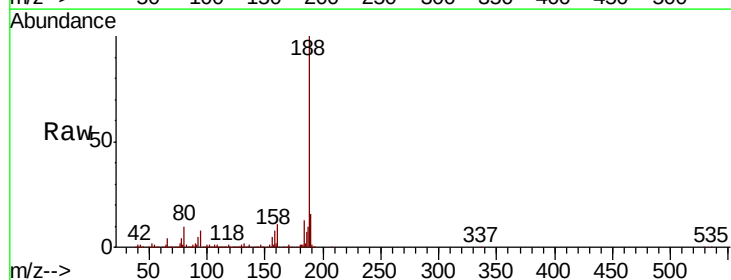


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

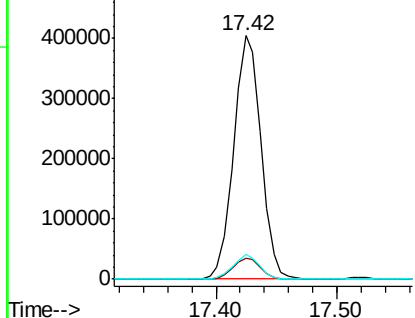
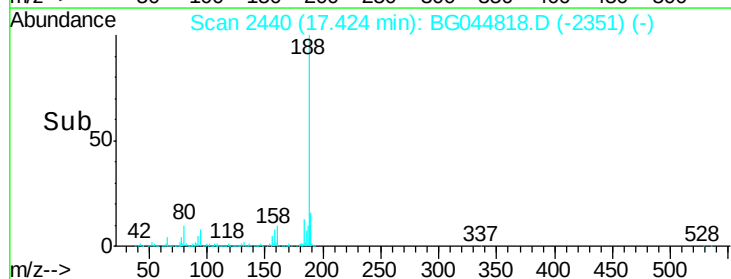


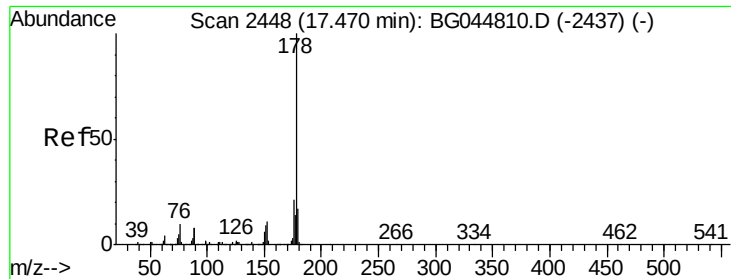
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.9	8.0	12.0



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

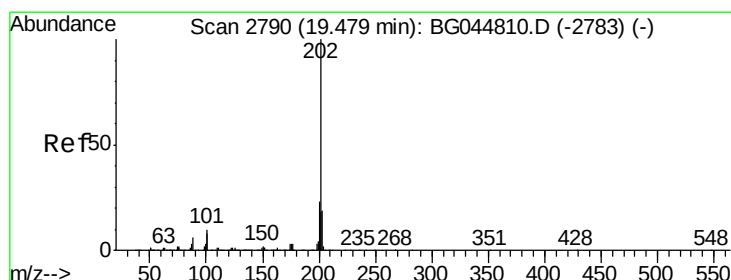
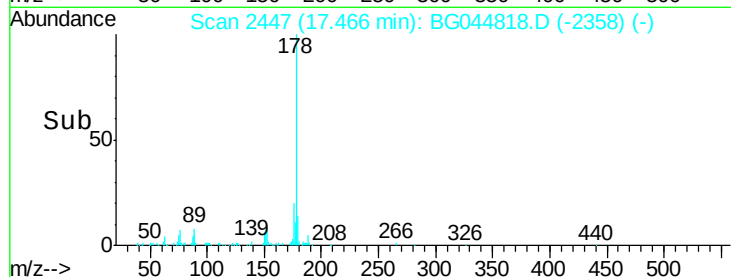
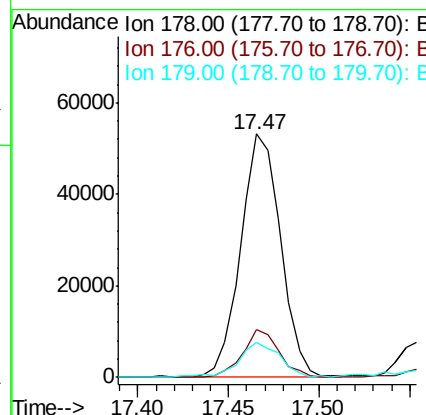
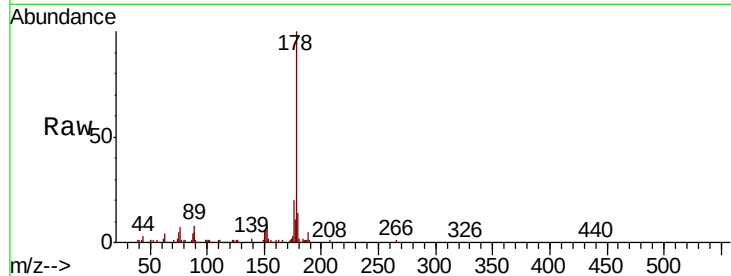




#71
Phenanthrene
Concen: 2.396 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

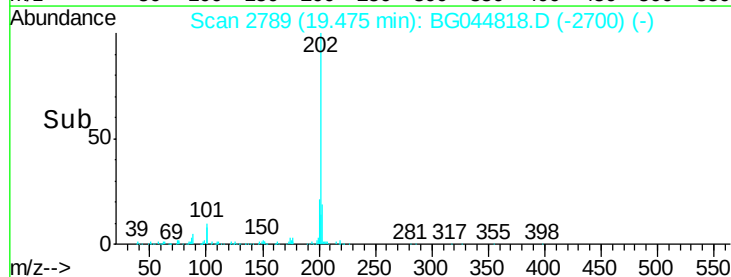
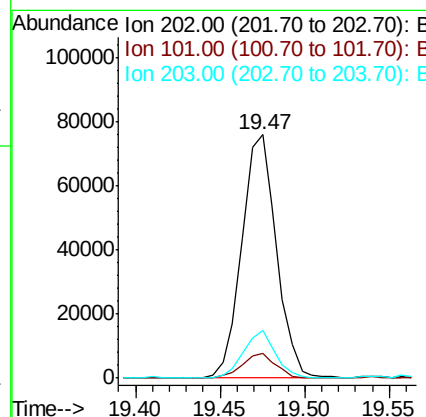
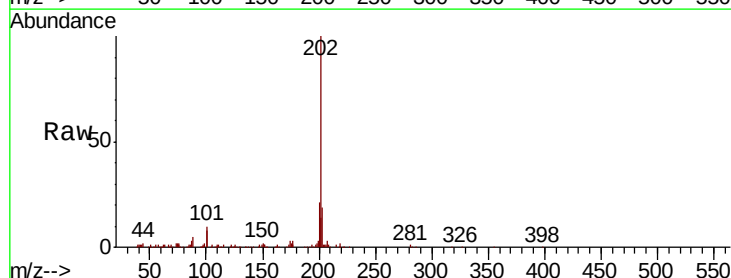
Instrument :
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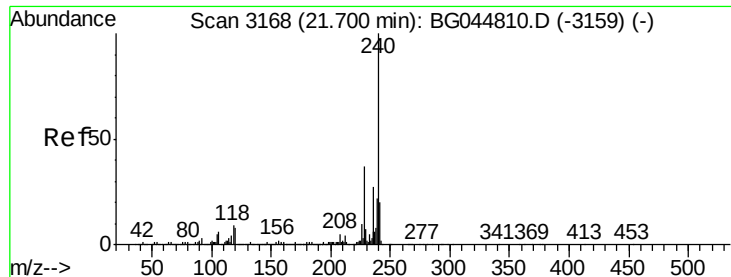
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	14.4	13.5	20.3



#75
Fluoranthene
Concen: 2.671 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.8
203	19.4	0.0	39.4

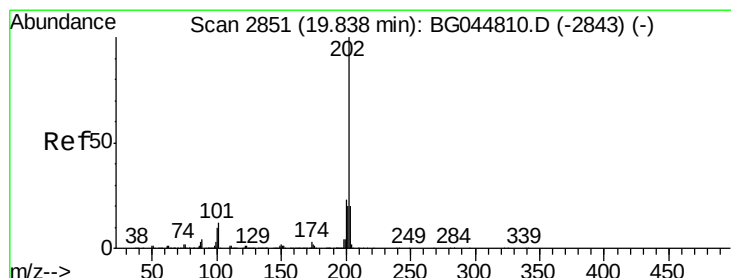
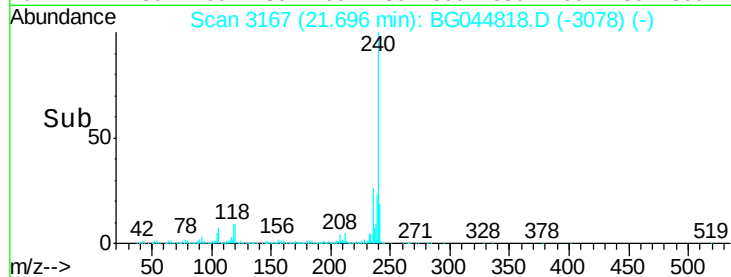
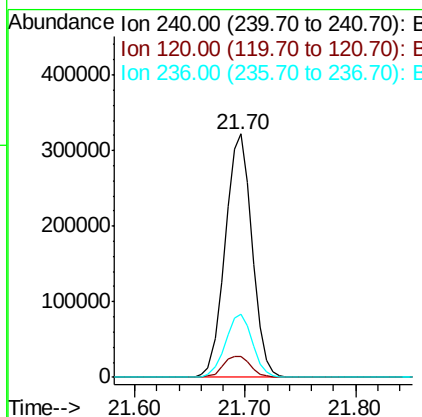
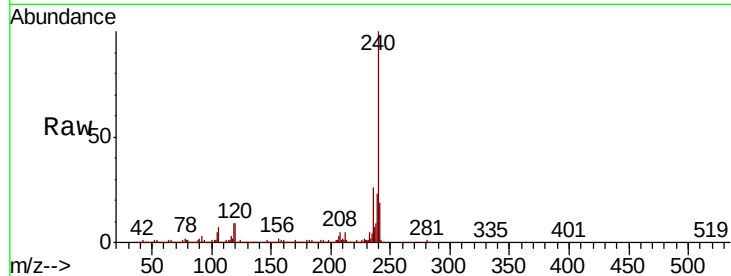




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG044818.D
 Acq: 16 Mar 2020 18:18

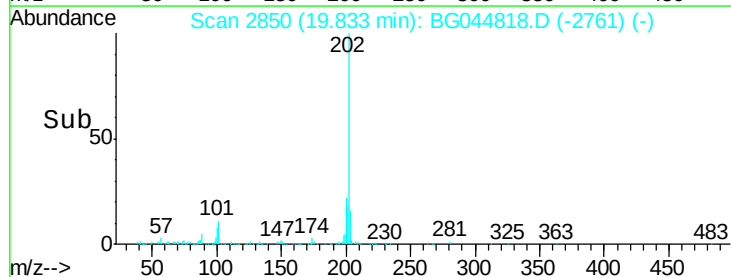
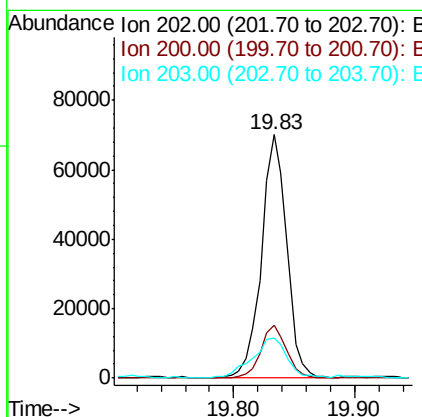
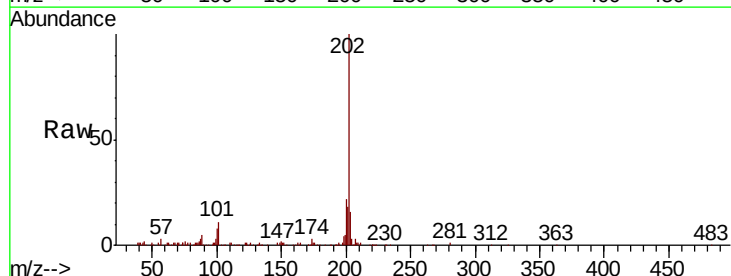
Instrument :
 BNA_G
 ClientSampleId :
 Z1-2

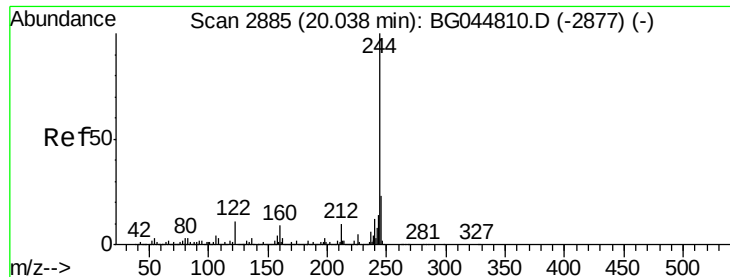
Tot Ion:240 Resp: 547812
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.7 10.1
 236 26.0 21.5 32.3



#78
 Pyrene
 Concen: 2.540 ng
 RT: 19.83 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BG044818.D
 Acq: 16 Mar 2020 18:18

Tgt Ion:202 Resp: 102102
 Ion Ratio Lower Upper
 202 100
 200 21.9 18.3 27.5
 203 16.2 15.6 23.4





#79

Terphenyl-d14

Concen: 62.865 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044818.D

Acq: 16 Mar 2020 18:18

Instrument :

BNA_G

ClientSampleId :

Z1-2

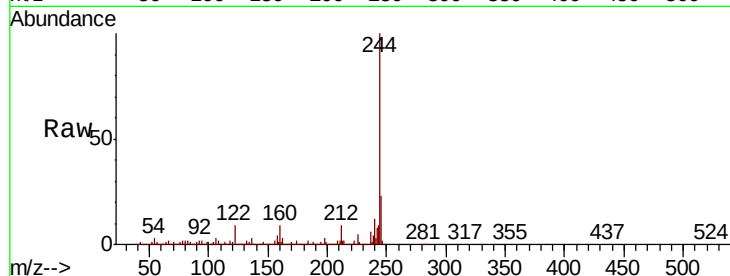
Tot Ion:244 Resp: 1841082

Ion Ratio Lower Upper

244 100

212 9.4 7.7 11.5

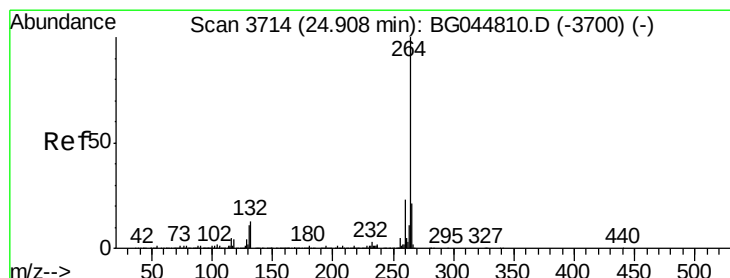
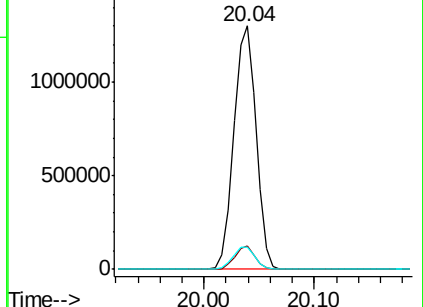
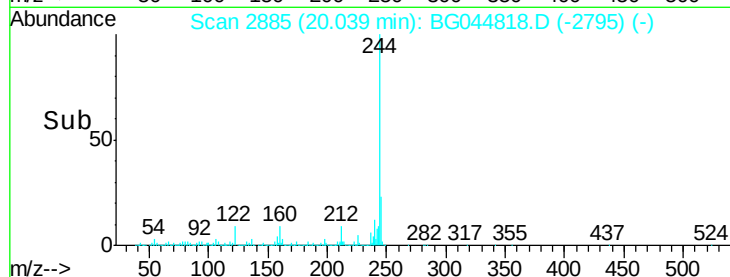
122 9.2 8.6 12.8



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: 24.90 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG044818.D

Acq: 16 Mar 2020 18:18

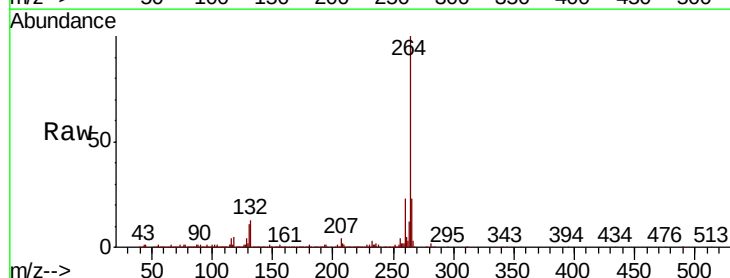
Tgt Ion:264 Resp: 623733

Ion Ratio Lower Upper

264 100

260 22.7 18.1 27.1

265 22.8 17.1 25.7



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

