

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046646.D
 Acq On : 16 Sep 2020 18:41
 Operator : CG/JU
 Sample : L4021-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B15-1-3

Quant Time: Sep 17 00:48:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

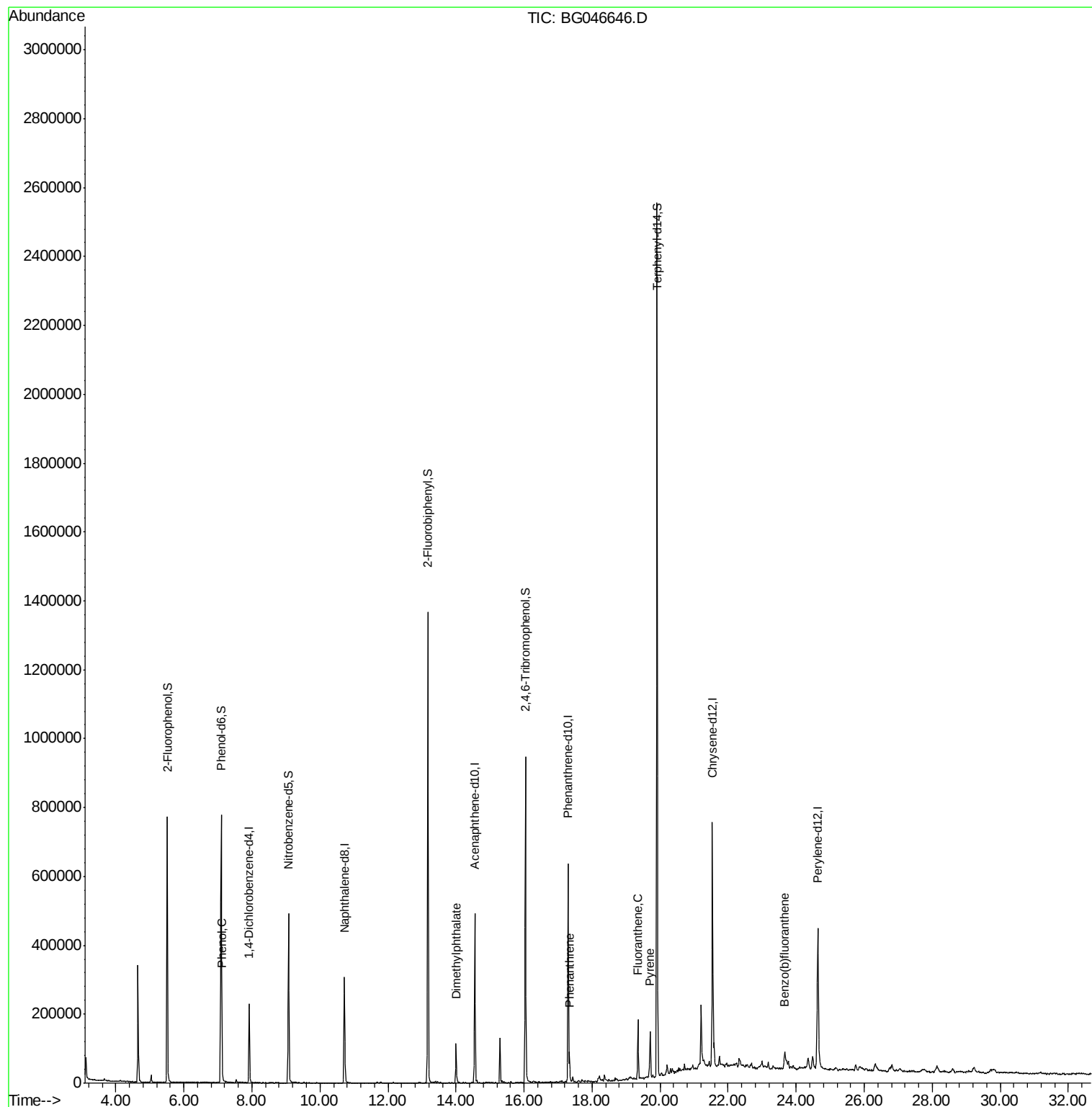
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	72049	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	289791	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	184288	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	421650	20.00	ng	0.00
76) Chrysene-d12	21.54	240	434650	20.00	ng	0.00
86) Perylene-d12	24.63	264	429926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	371921	91.43	ng	0.00
7) Phenol-d6	7.10	99	493906	85.65	ng	0.00
23) Nitrobenzene-d5	9.08	82	328273	64.74	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	202490	81.09	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	794462	65.81	ng	0.00
79) Terphenyl-d14	19.91	244	1153432	56.48	ng	0.00
Target Compounds						
10) Phenol	7.12	94	25711	4.841	ng	91
50) Dimethylphthalate	14.00	163	92050	6.456	ng	98
71) Phenanthrene	17.34	178	56301	2.634	ng	95
75) Fluoranthene	19.35	202	110227	4.008	ng	96
78) Pyrene	19.71	202	93100	3.364	ng	95
88) Benzo(b)fluoranthene	23.67	252	59350	2.211	ng	95

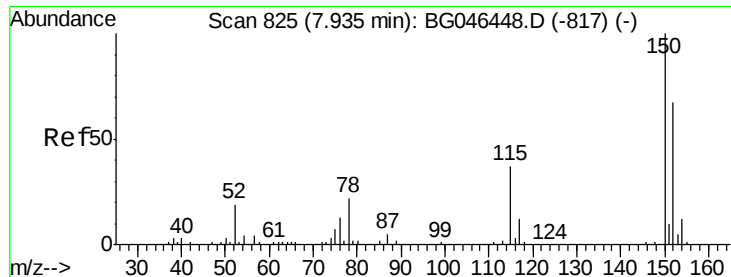
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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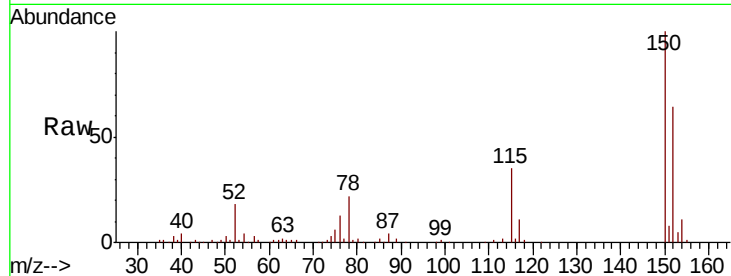


#1

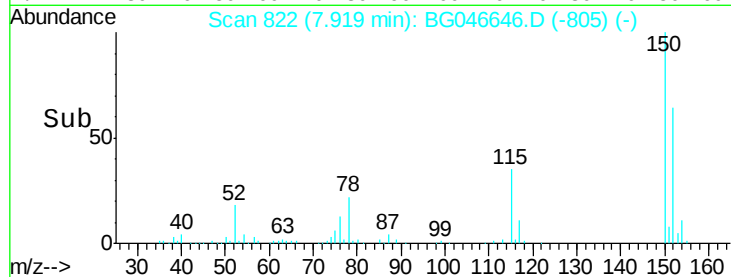
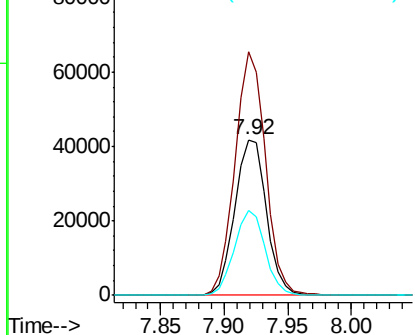
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046646.D
 Acq: 16 Sep 2020 18:41

Instrument :
 BNA_G
 ClientSampled :
 B15-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.0	187.6
115	54.3	41.8	62.6



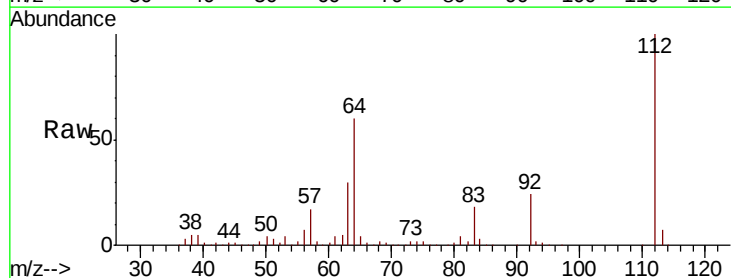
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



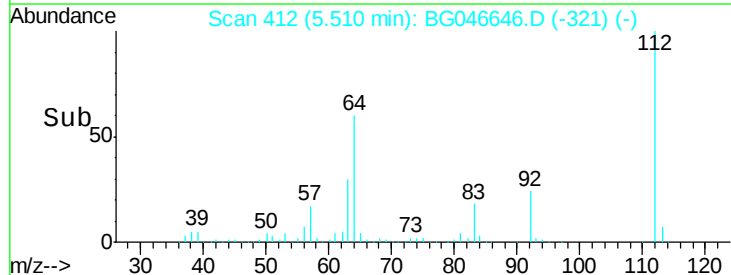
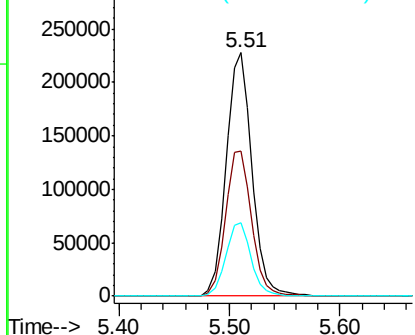
#5

2-Fluorophenol
 Concen: 91.430 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046646.D
 Acq: 16 Sep 2020 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.7	70.1
63	30.3	22.8	34.2



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: 85.650 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

Instrument :

BNA_G

ClientSampleId :

B15-1-3

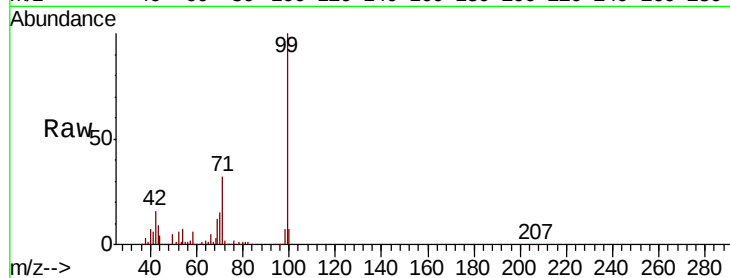
Tot Ion: 99 Resp: 493906

Ion Ratio Lower Upper

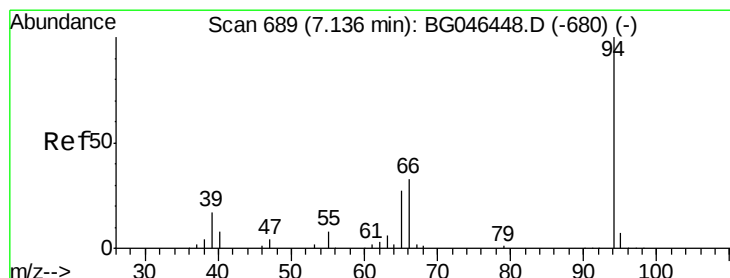
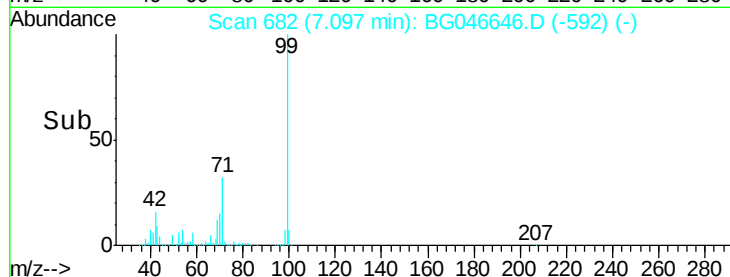
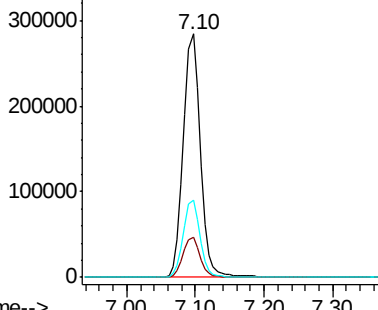
99 100

42 16.4 12.8 19.2

71 31.6 24.6 36.8



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



#10

Phenol

Concen: 4.841 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

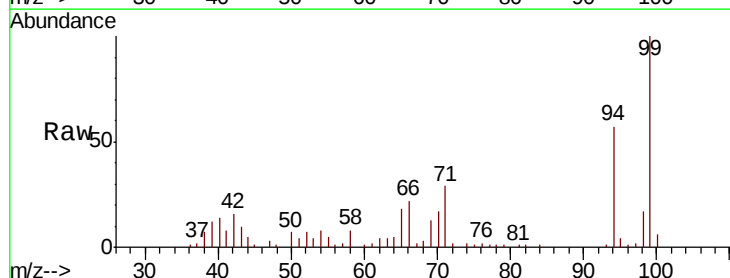
Tgt Ion: 94 Resp: 25711

Ion Ratio Lower Upper

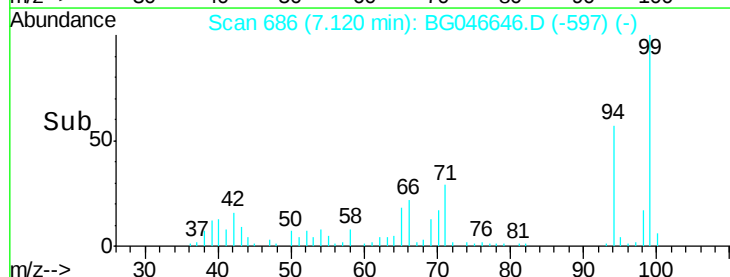
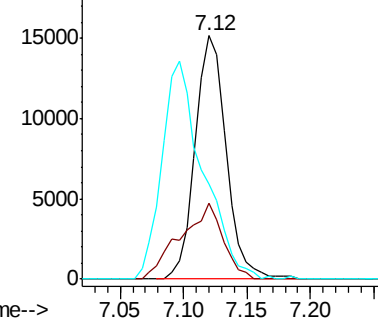
94 100

65 31.1 6.6 46.6

66 39.0 13.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

Instrument :

BNA_G

ClientSampleId :

B15-1-3

Tot Ion:136 Resp: 289791

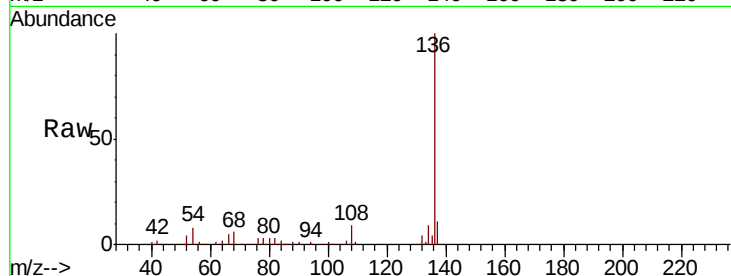
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 6.2 9.4

68 5.8 5.0 7.4

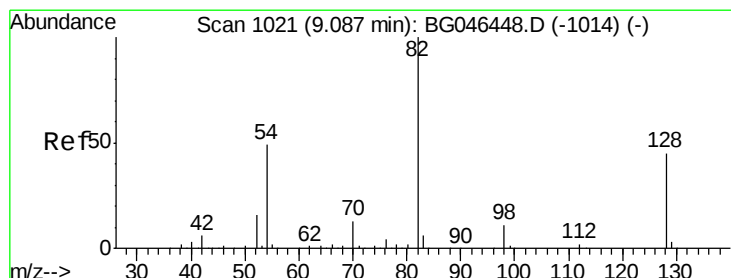
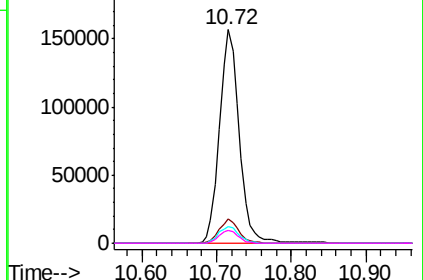
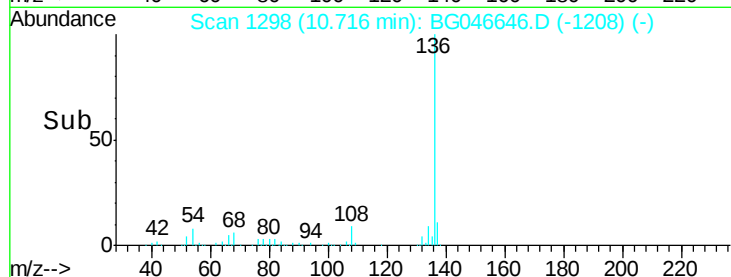


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.745 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

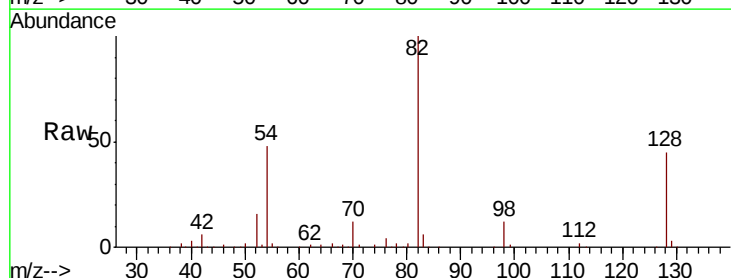
Tgt Ion: 82 Resp: 328273

Ion Ratio Lower Upper

82 100

128 44.7 37.0 55.6

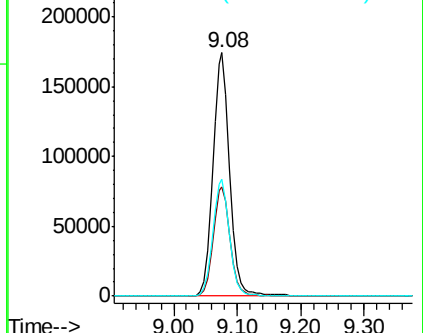
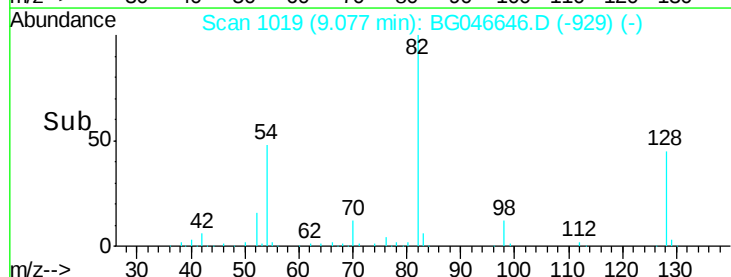
54 48.0 39.0 58.4

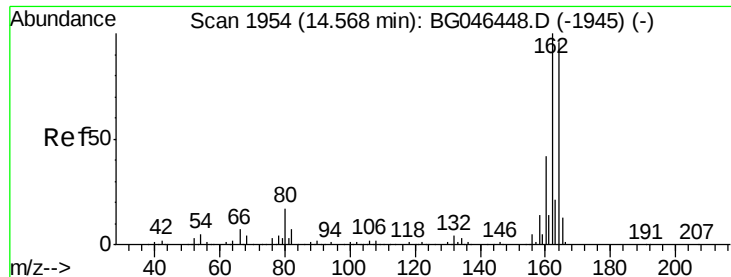


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

Instrument :

BNA_G

ClientSampleId :

B15-1-3

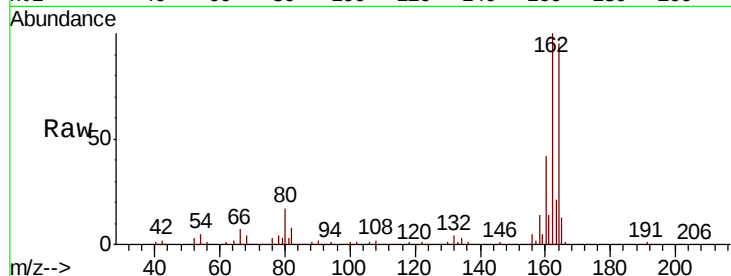
Tot Ion:164 Resp: 184288

Ion Ratio Lower Upper

164 100

162 105.7 82.3 123.5

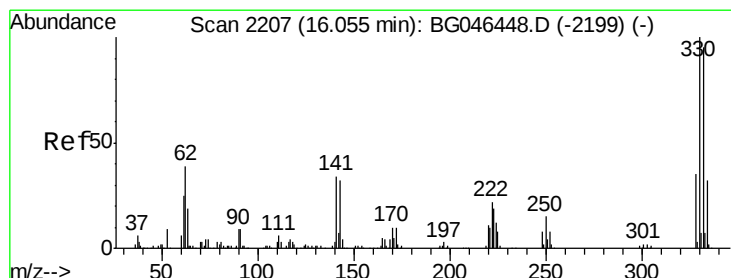
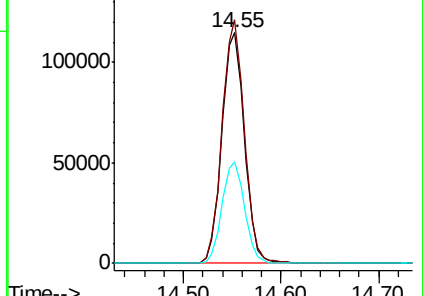
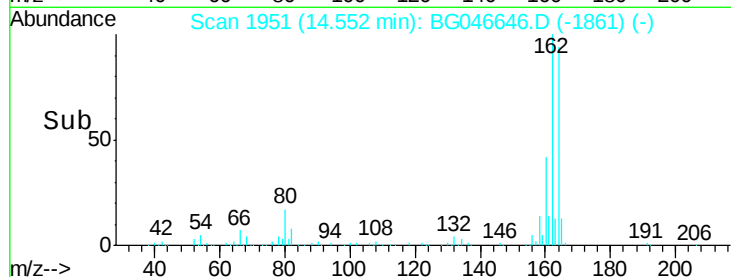
160 44.0 35.3 52.9



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: 81.094 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

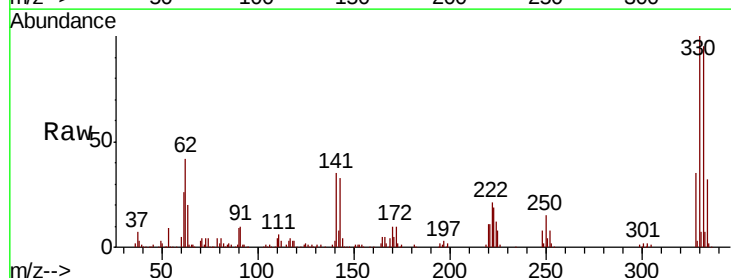
Tgt Ion:330 Resp: 202490

Ion Ratio Lower Upper

330 100

332 95.2 76.5 114.7

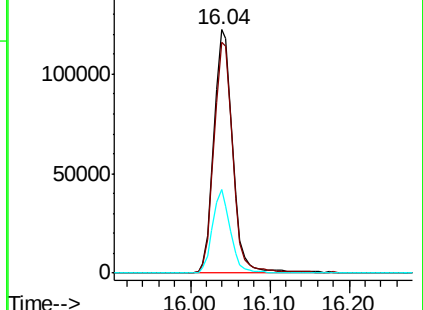
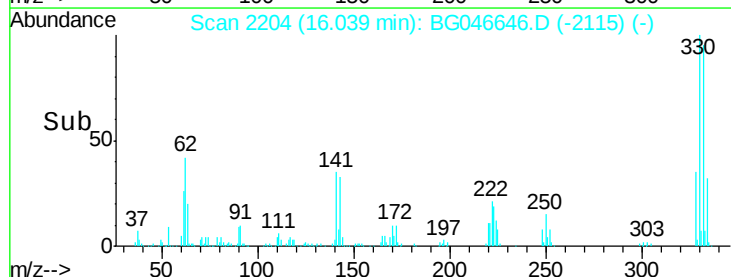
141 33.0 26.0 39.0

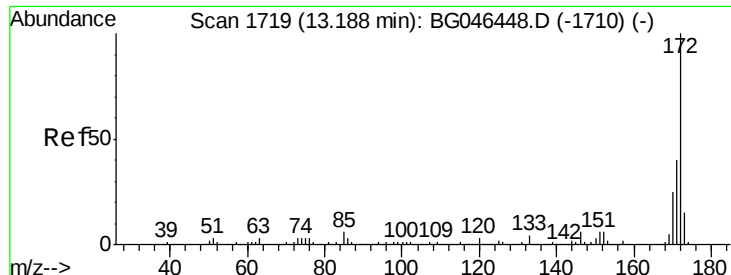


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

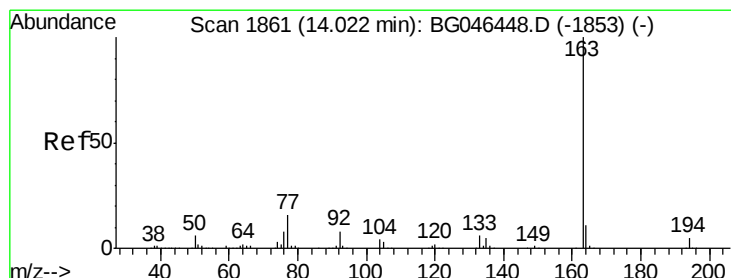
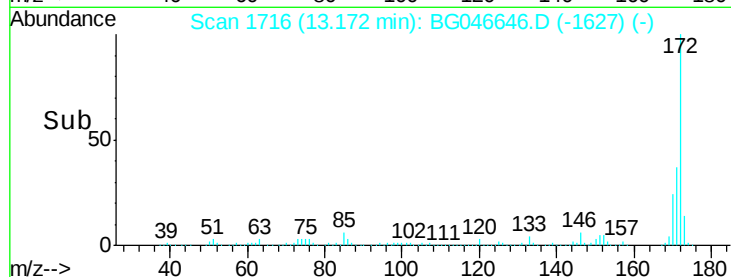
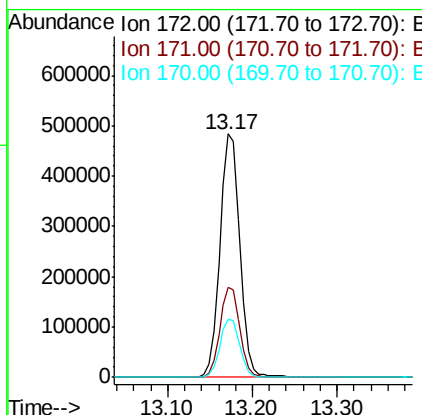
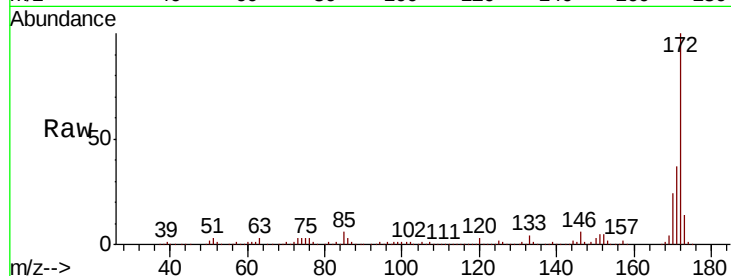




#45
2-Fluorobiphenyl
Concen: 65.810 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

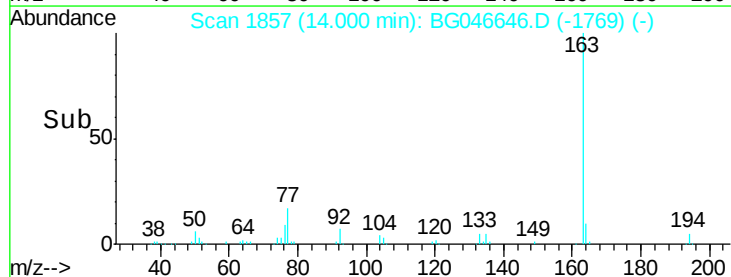
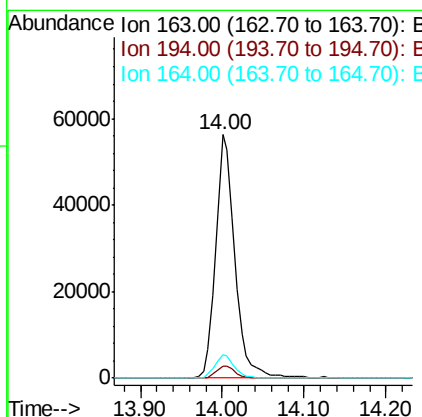
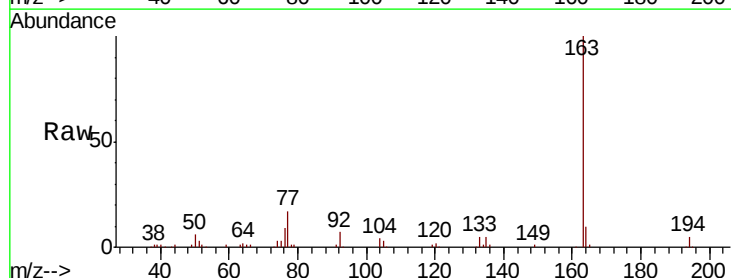
Instrument :
BNA_G
ClientSampleId :
B15-1-3

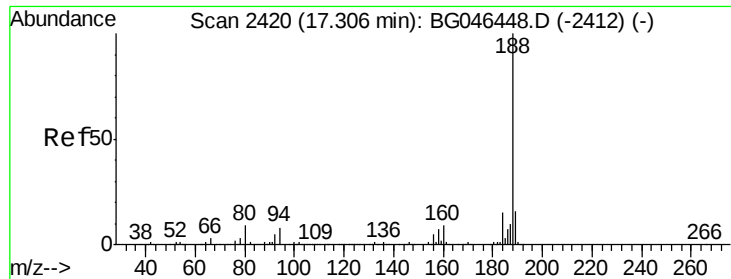
Tot Ion:172 Resp: 794462
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 24.0 20.8 31.2



#50
Dimethylphthalate
Concen: 6.456 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Tgt Ion:163 Resp: 92050
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 9.7 8.8 13.2

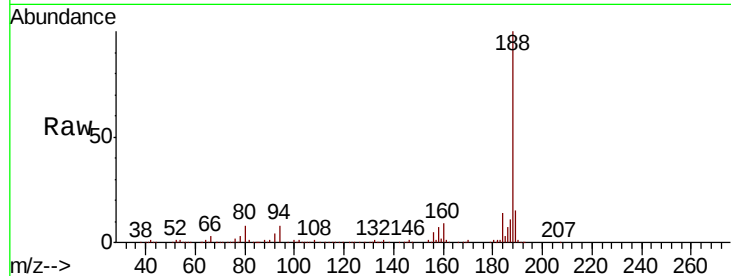




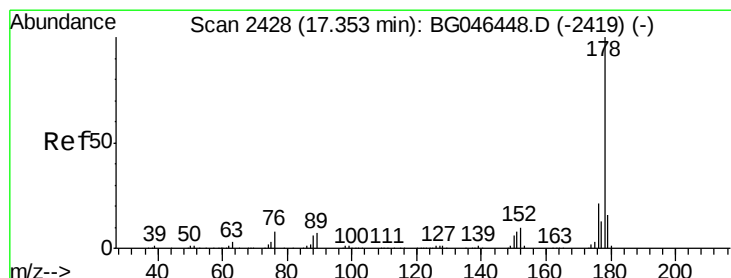
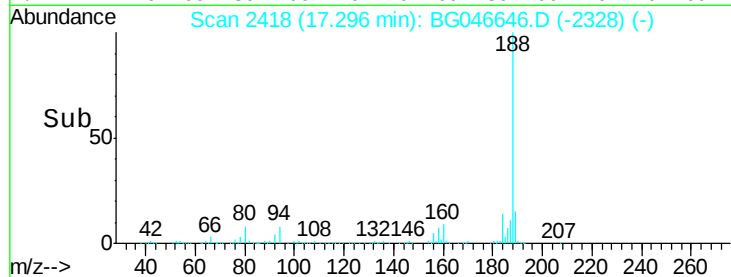
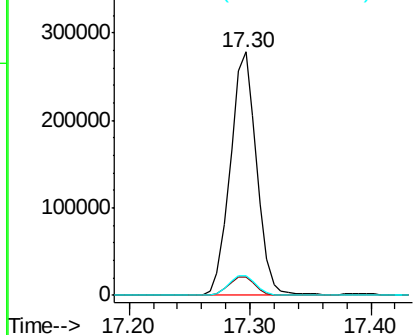
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Instrument :
BNA_G
ClientSampleId :
B15-1-3

Tot Ion:188 Resp: 421650
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.3 7.0 10.6

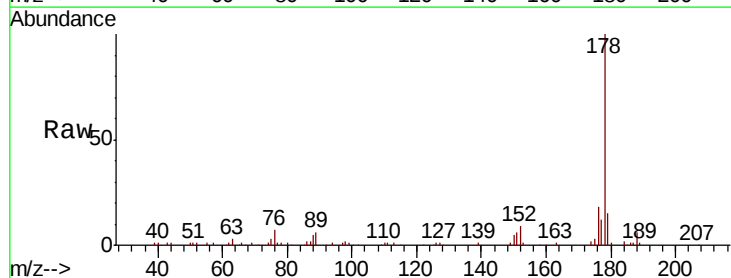


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

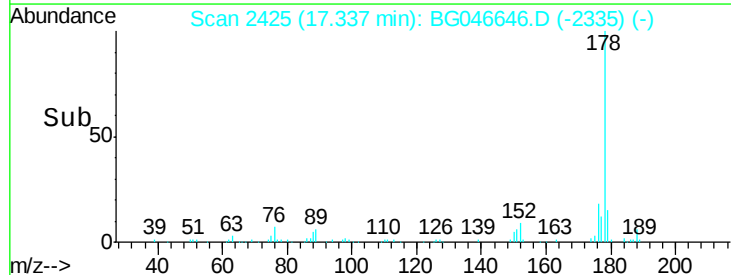
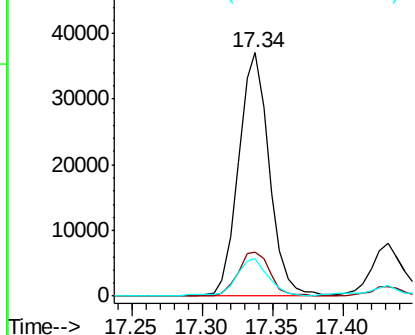


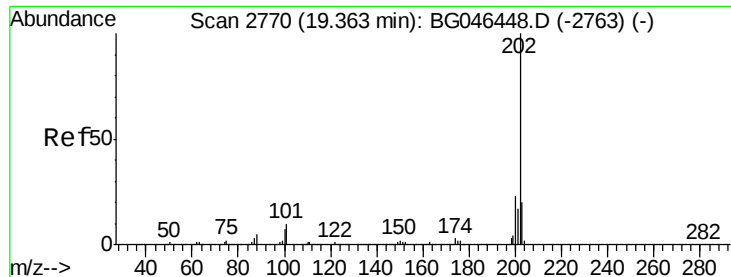
#71
Phenanthrene
Concen: 2.634 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Tgt Ion:178 Resp: 56301
Ion Ratio Lower Upper
178 100
176 18.3 16.7 25.1
179 15.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.008 ng

RT: 19.35 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

Instrument :

BNA_G

ClientSampled :

B15-1-3

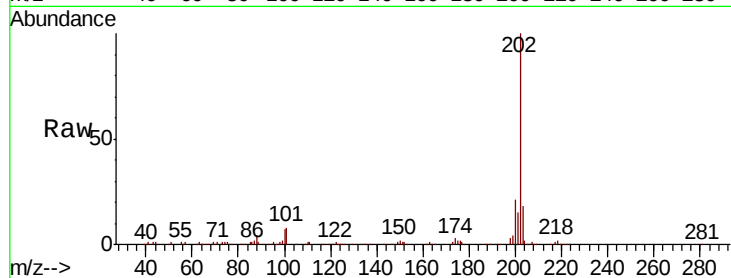
Tot Ion:202 Resp: 110227

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.7

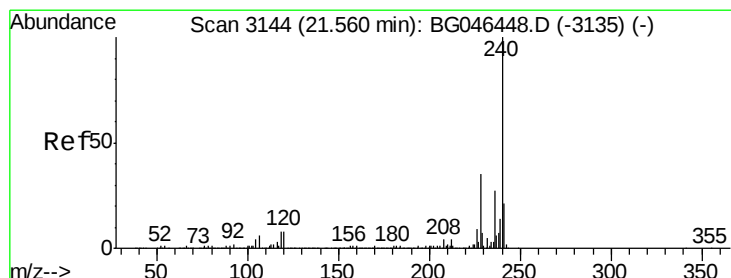
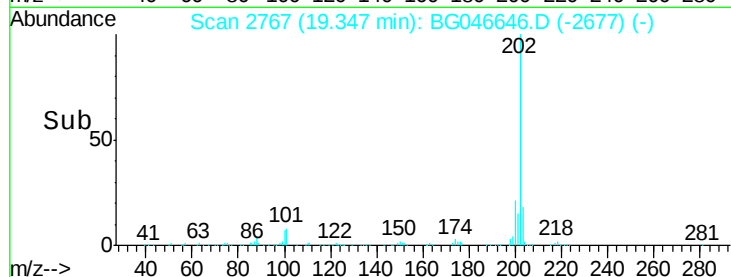
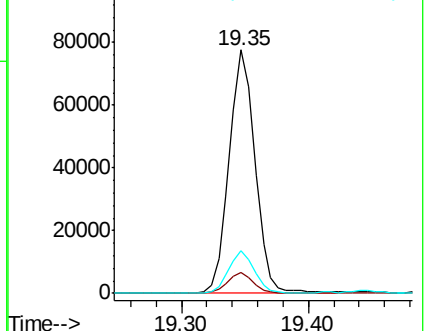
203 17.6 0.0 39.2



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: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

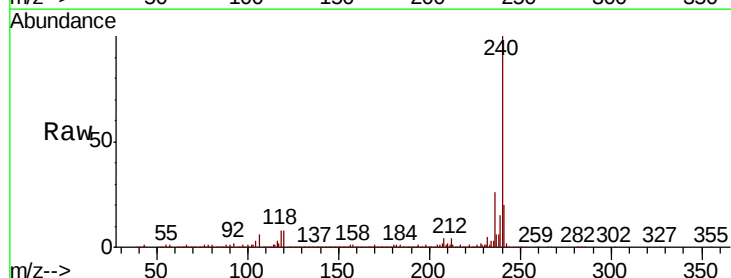
Tgt Ion:240 Resp: 434650

Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.4

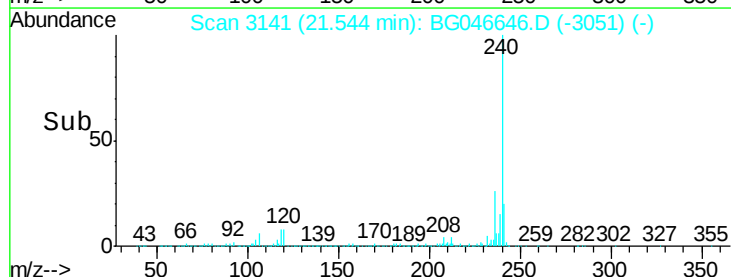
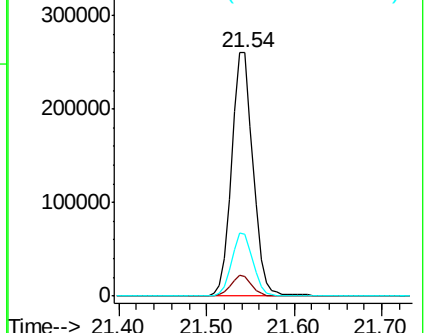
236 25.5 20.5 30.7

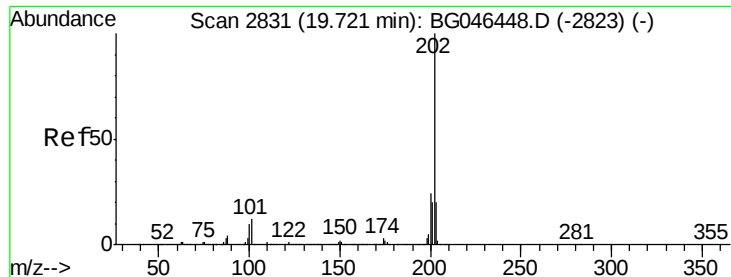


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

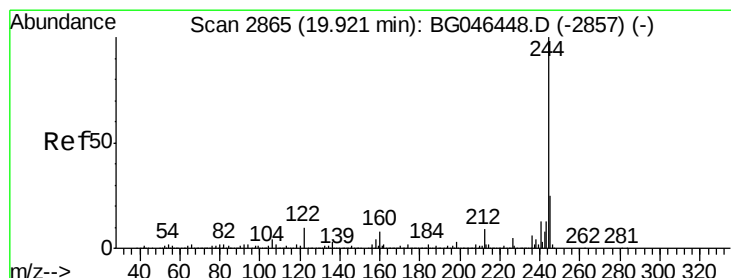
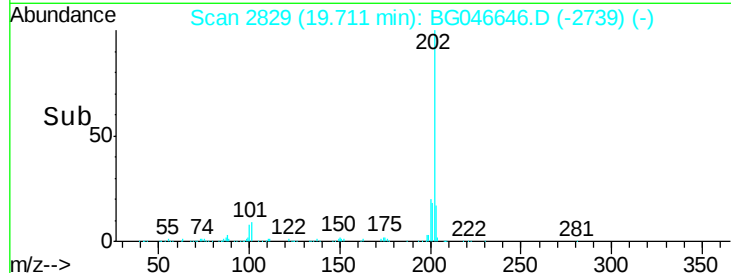
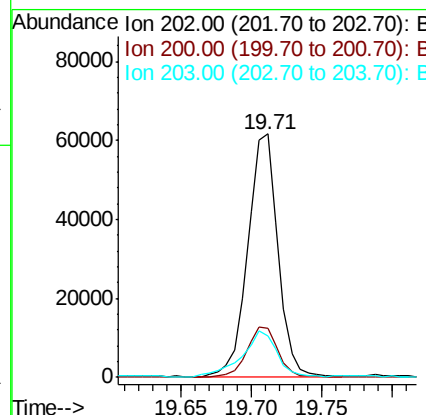
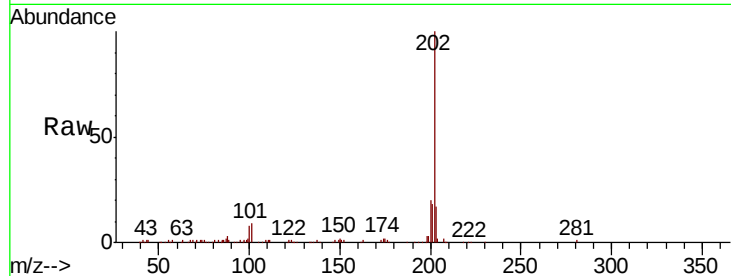




#78
Pvrene
Concen: 3.364 ng
RT: 19.71 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

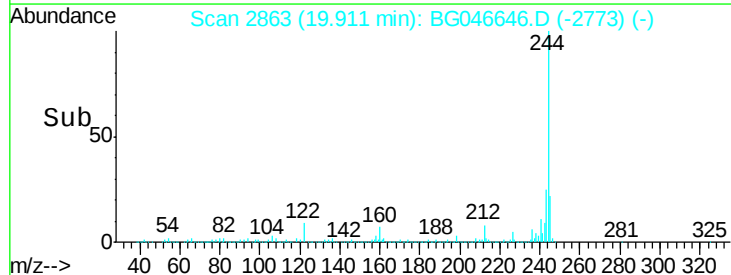
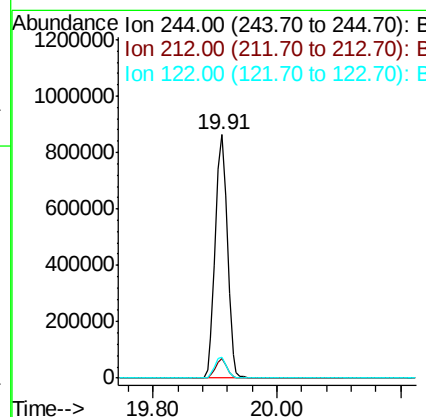
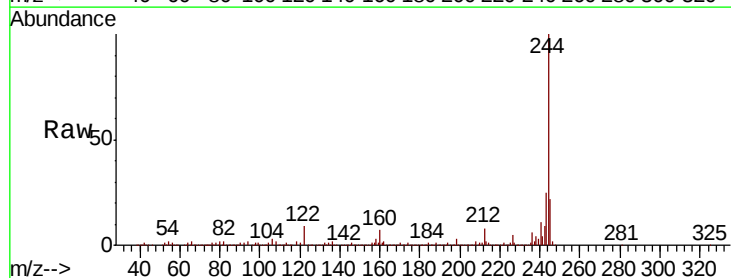
Instrument :
BNA_G
ClientSampleId :
B15-1-3

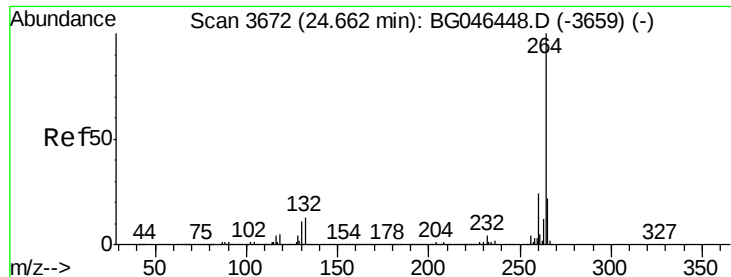
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.6	27.8
203	17.1	15.3	22.9



#79
Terphenyl-d14
Concen: 56.476 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	8.6	7.8	11.6

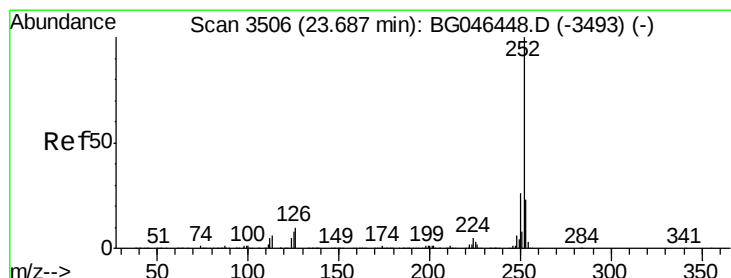
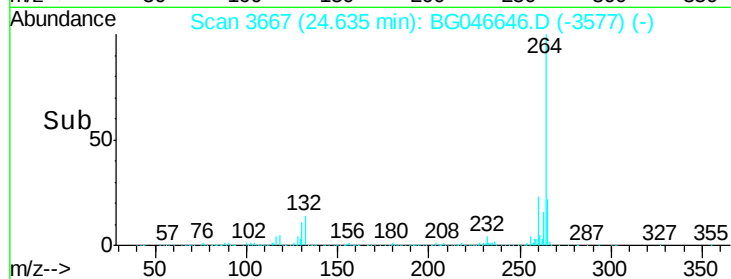
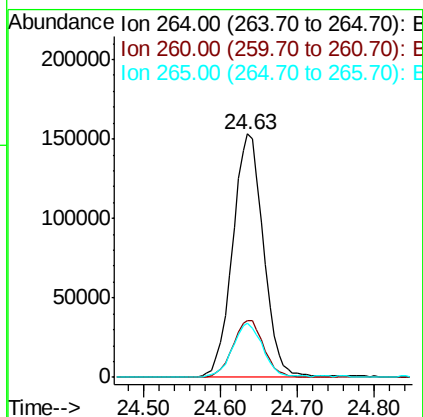
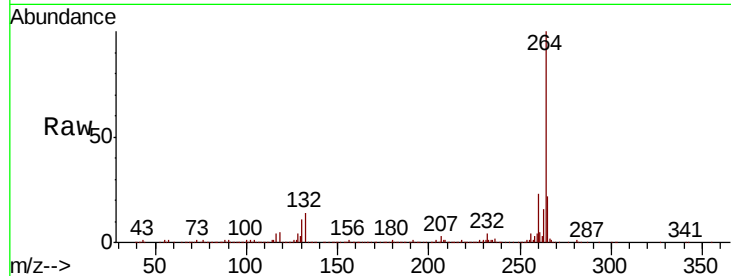




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Instrument :
BNA_G
ClientSampleId :
B15-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.2	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 2.211 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.7	28.1
125	9.6	6.5	9.7

