

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 00:34:37 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

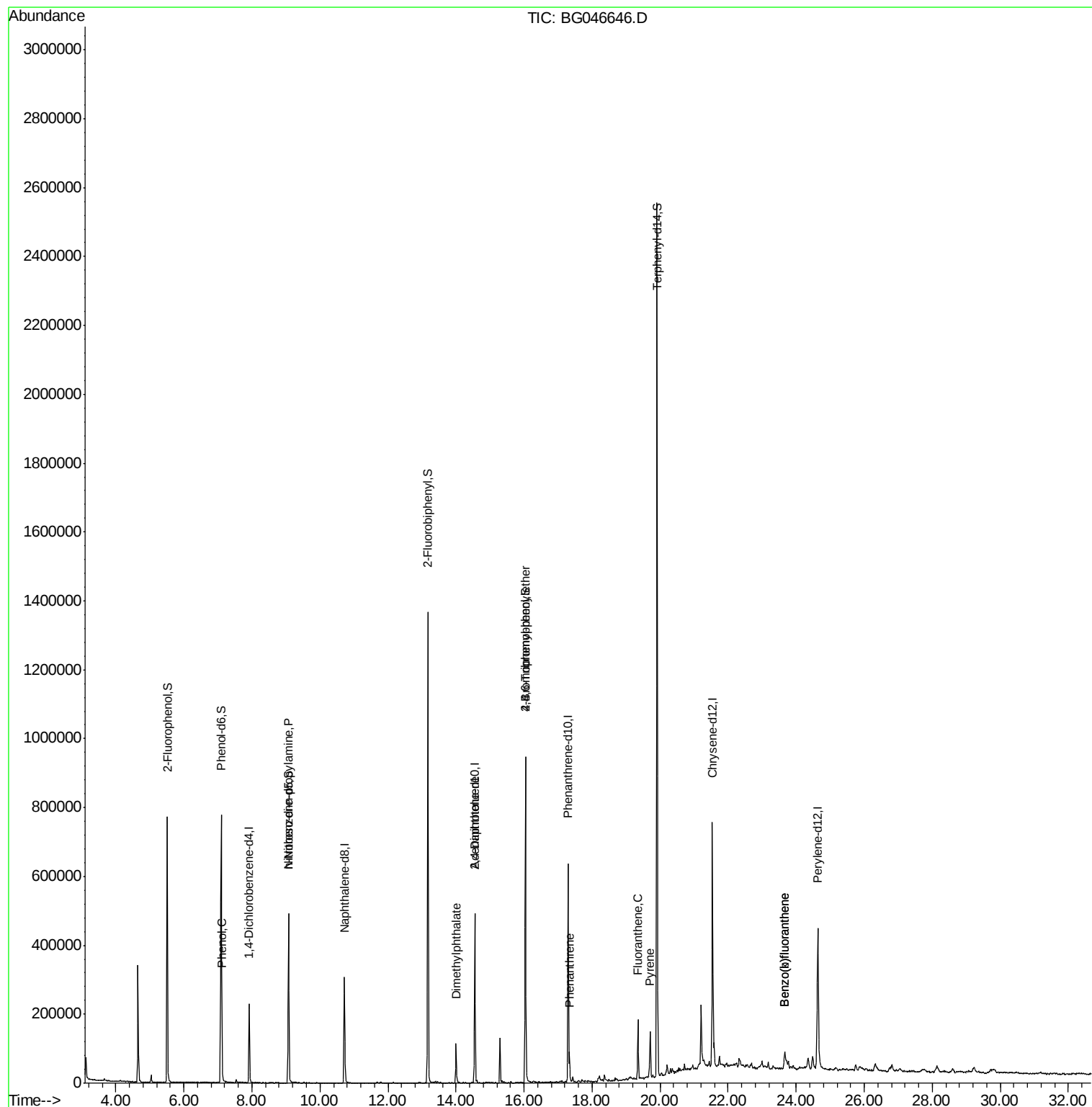
Target Compounds				Qvalue		
10) Phenol	7.12	94	25711	4.841	ng	91
19) n-Nitroso-di-n-propylamine	9.07	70	40943	11.870	ng	# 75
50) Dimethylphthalate	14.00	163	92050	6.456	ng	98
57) 2,4-Dinitrotoluene	14.55	165	24692	5.510	ng	# 31
67) 4-Bromophenyl-phenylether	16.04	248	15177	3.085	ng	# 1
71) Phenanthrene	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
89) Benzo(k)fluoranthene	23.67	252	59350	2.288	ng	95

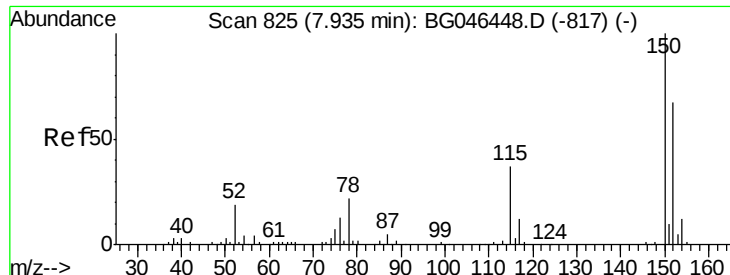
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:34:37 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



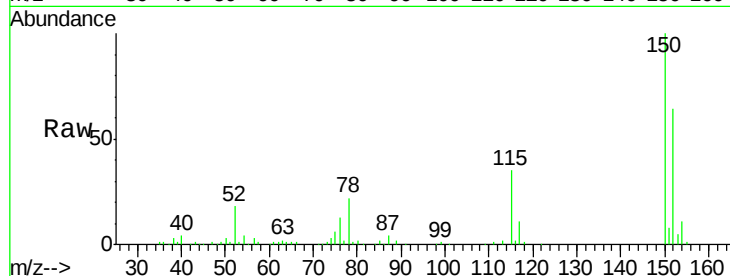


#1

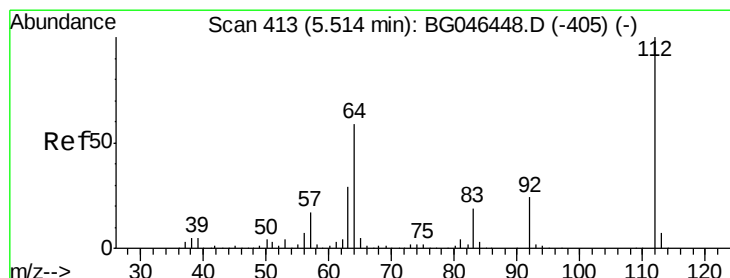
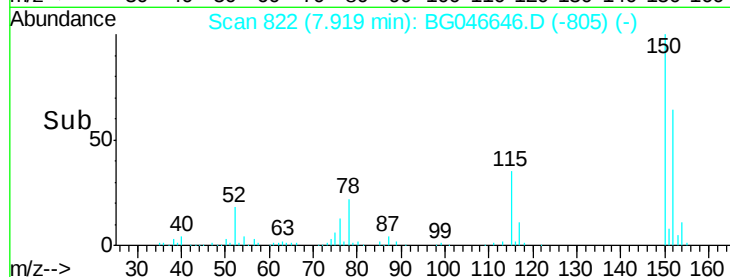
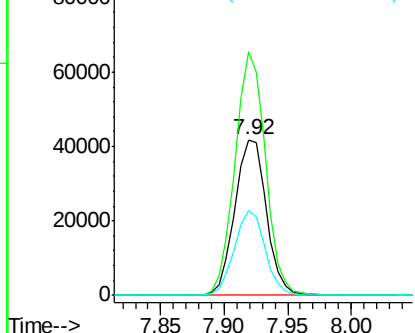
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Instrument :
BNA_G
ClientSampled :
B15-1-3

Tot Ion:152 Resp: 72049
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.6
115 54.3 41.8 62.6



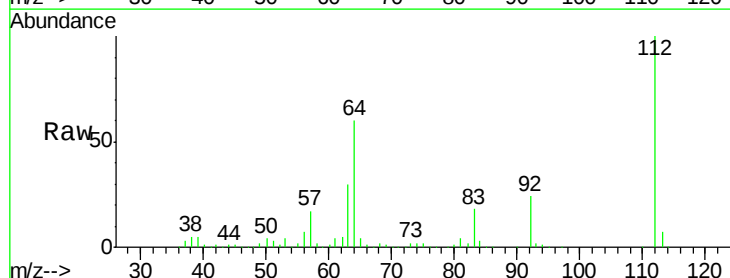
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



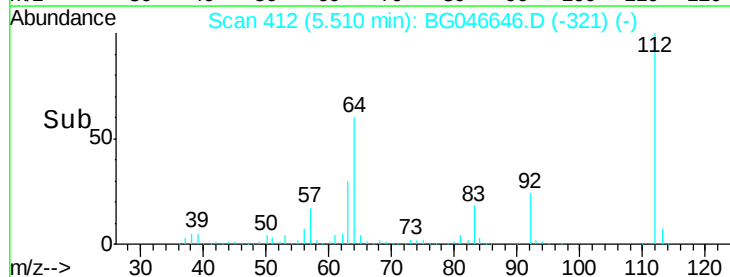
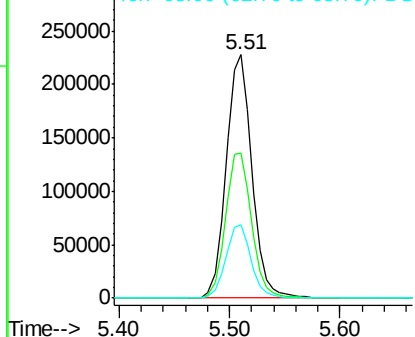
#5

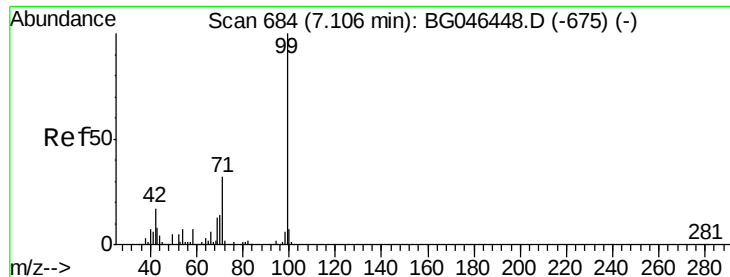
2-Fluorophenol
Concen: 91.430 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Tgt Ion:112 Resp: 371921
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

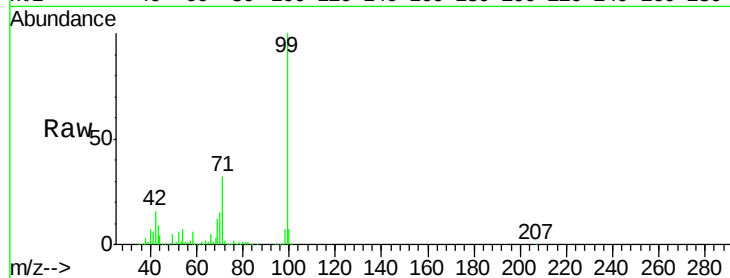
Tot Ion: 99 Resp: 493906

Ion Ratio Lower Upper

99 100

42 16.4 12.8 19.2

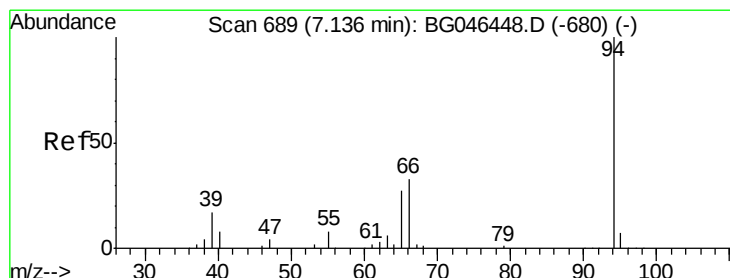
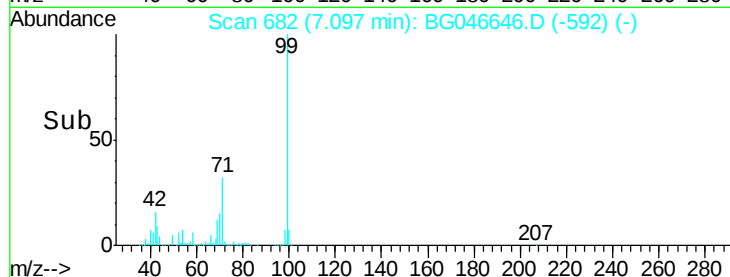
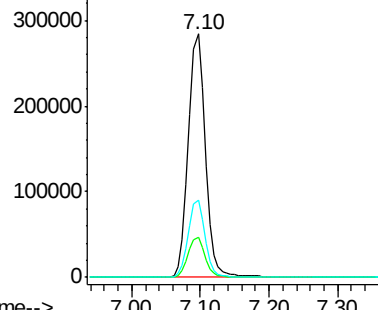
71 31.6 24.6 36.8



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

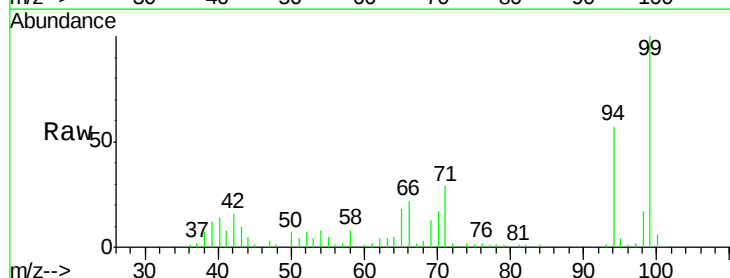
Tgt Ion: 94 Resp: 25711

Ion Ratio Lower Upper

94 100

65 31.1 6.6 46.6

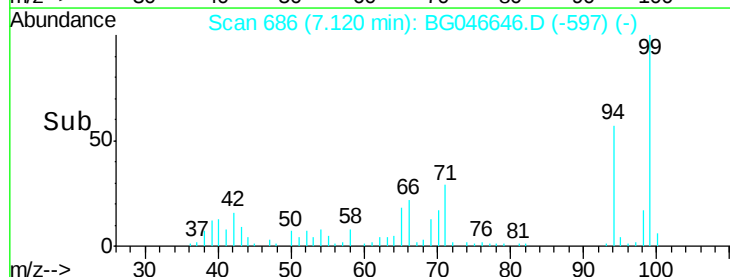
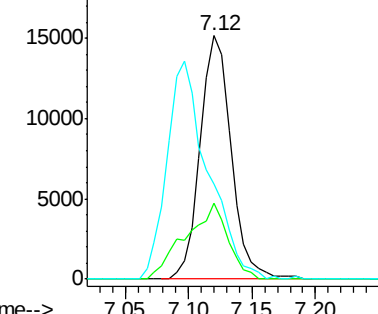
66 39.0 13.9 53.9

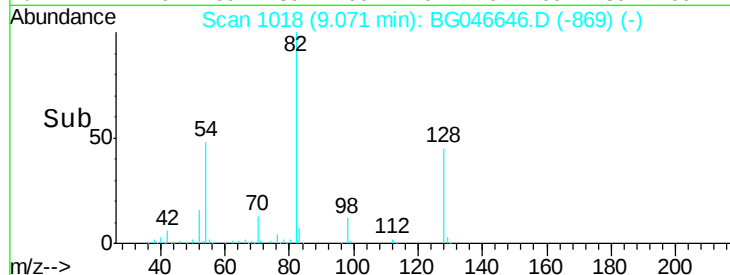
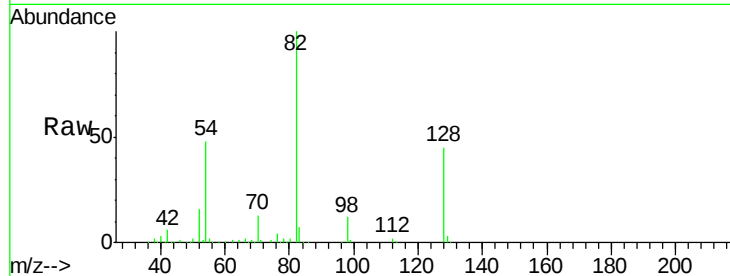
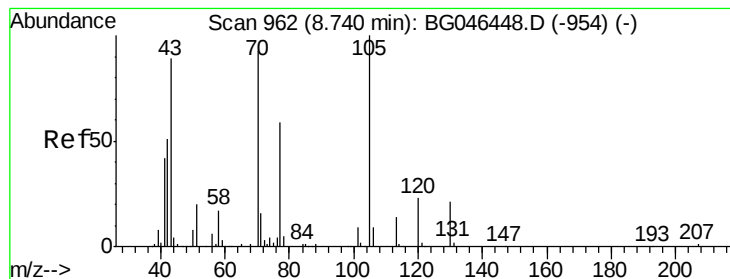


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 11.870 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

Instrument :

BNA_G

ClientSampleId :

B15-1-3

Tot Ion: 70 Resp: 40943

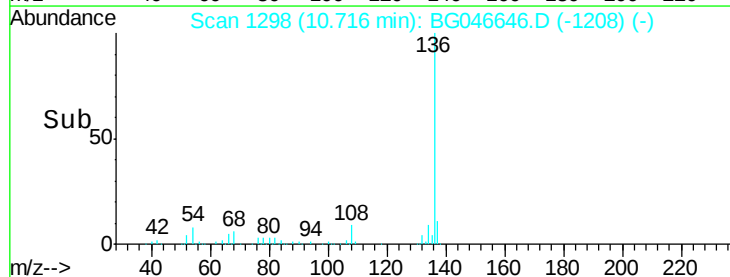
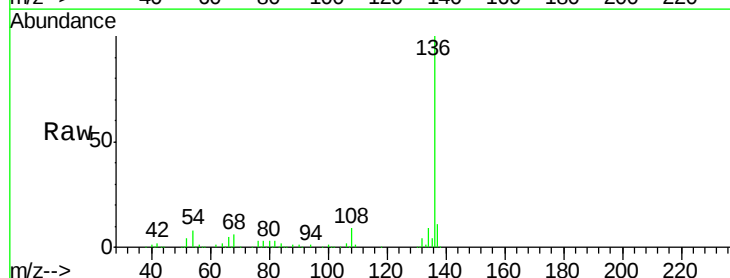
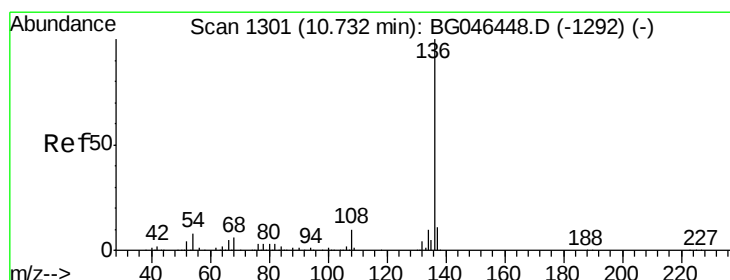
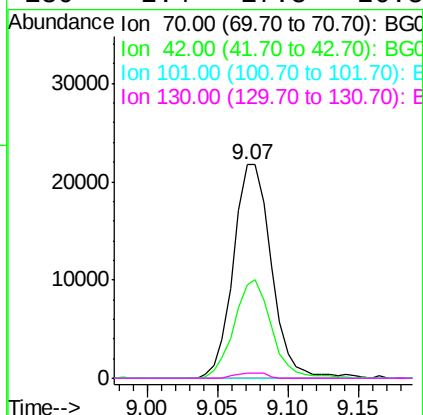
Ion Ratio Lower Upper

70 100

42 43.6 45.6 68.4#

101 0.0 8.4 12.6#

130 2.4 17.8 26.8#



#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

Tgt Ion:136 Resp: 289791

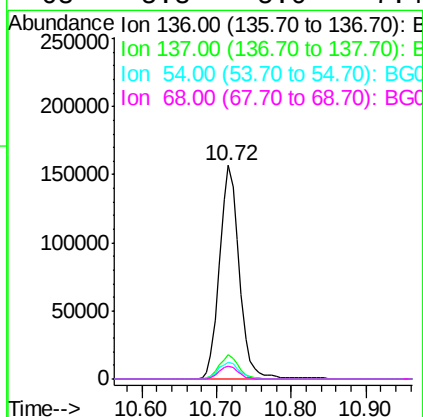
Ion Ratio Lower Upper

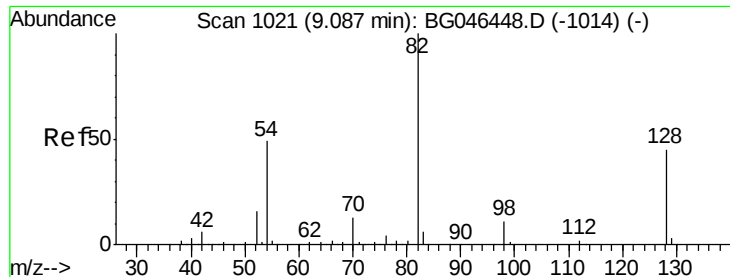
136 100

137 11.2 9.1 13.7

54 7.8 6.2 9.4

68 5.8 5.0 7.4

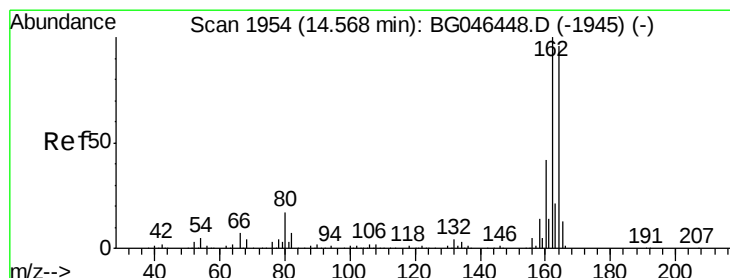
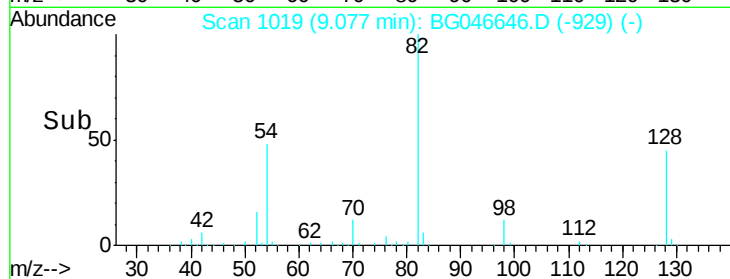
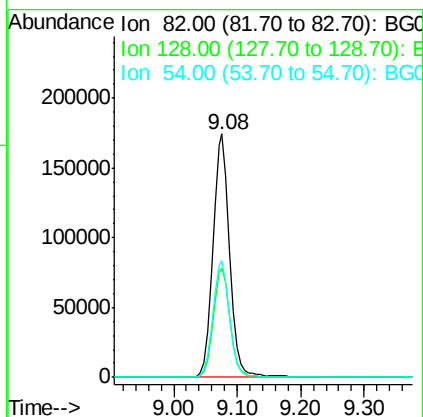
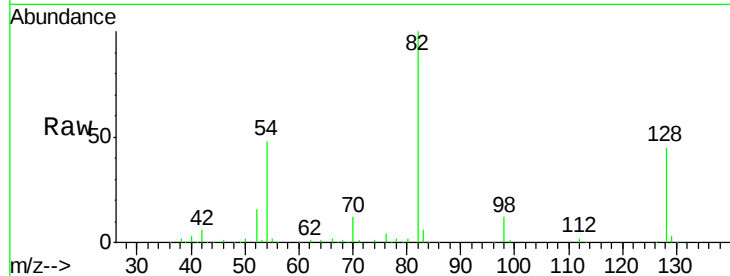




#23
Nitrobenzene-d5
Concen: 64.745 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

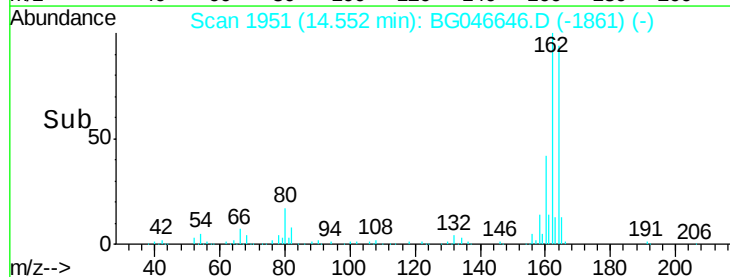
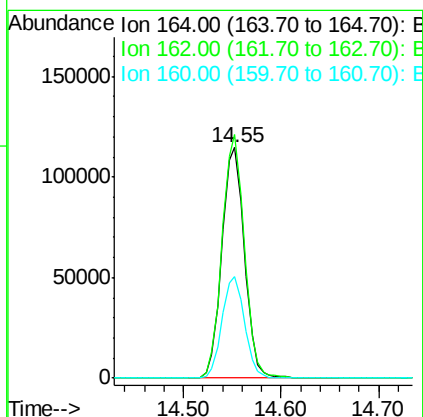
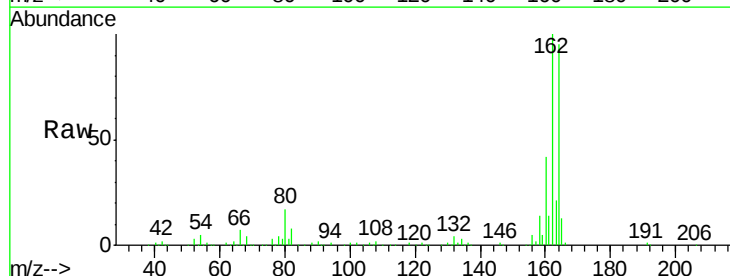
Instrument :
BNA_G
ClientSampled :
B15-1-3

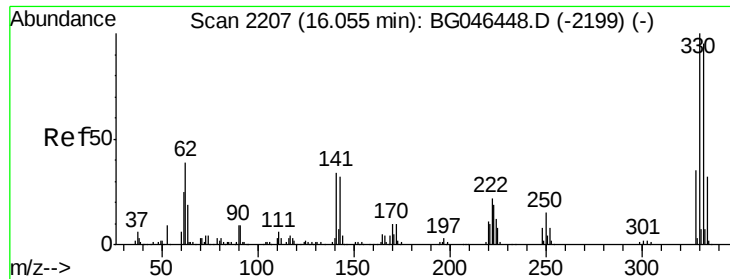
Tot Ion: 82 Resp: 328273
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.6
54 48.0 39.0 58.4



#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

Tgt Ion: 164 Resp: 184288
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 44.0 35.3 52.9

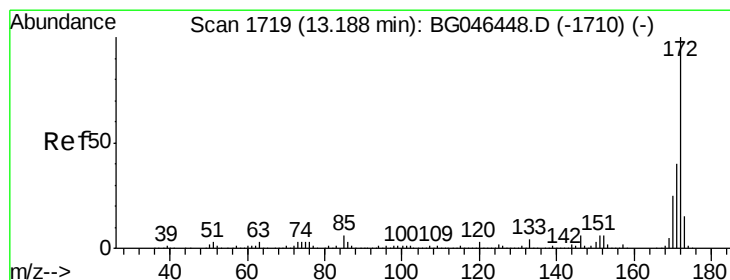
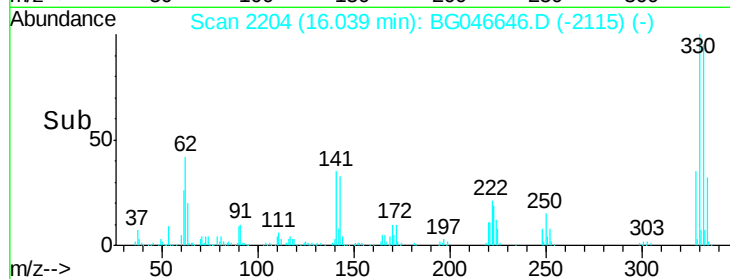
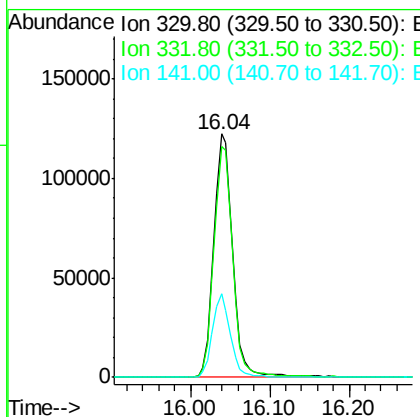
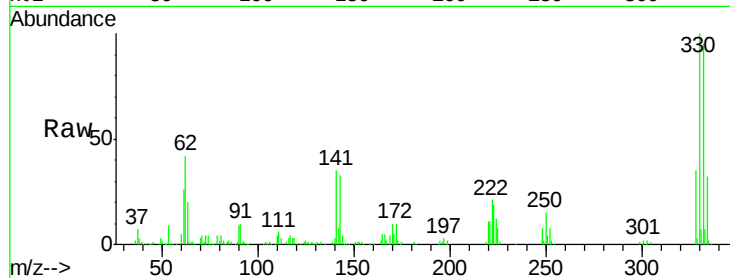




#42
 2,4,6-Tribromophenol
 Concen: 81.094 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG046646.D
 Acq: 16 Sep 2020 18:41

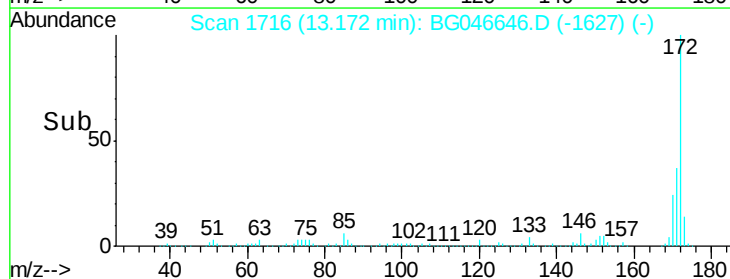
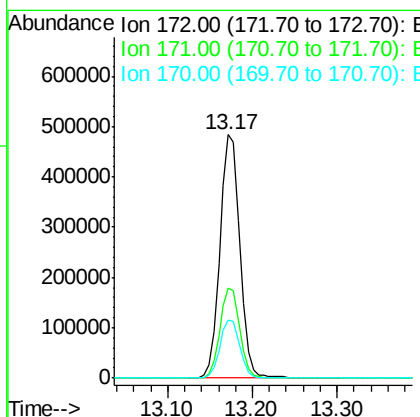
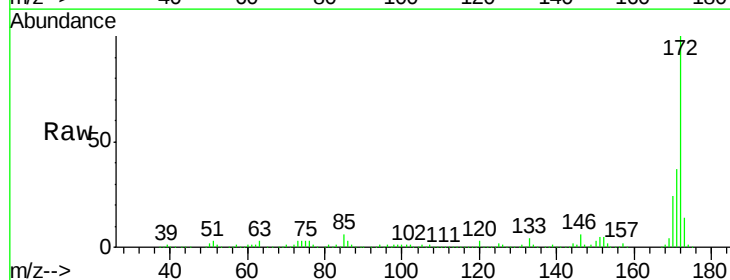
Instrument :
 BNA_G
 ClientSampleId :
 B15-1-3

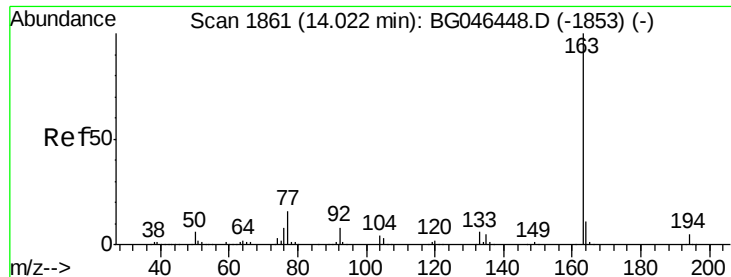
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.5	114.7
141	33.0	26.0	39.0



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

B15-1-3

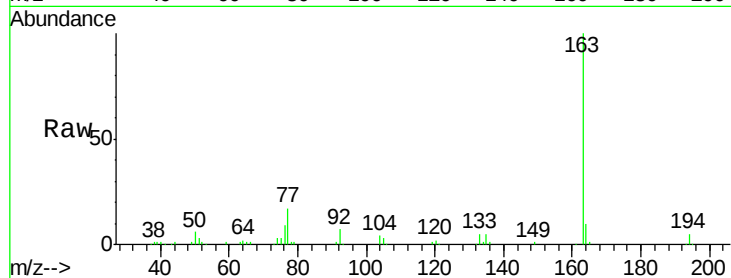
Tot Ion:163 Resp: 92050

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

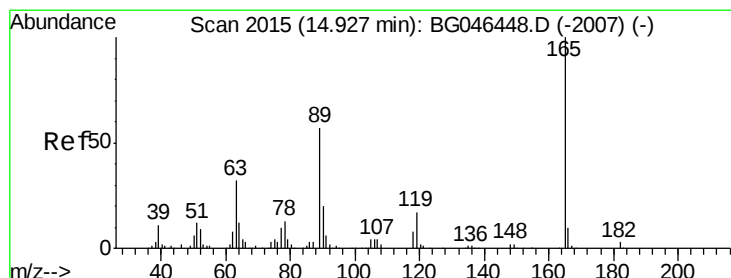
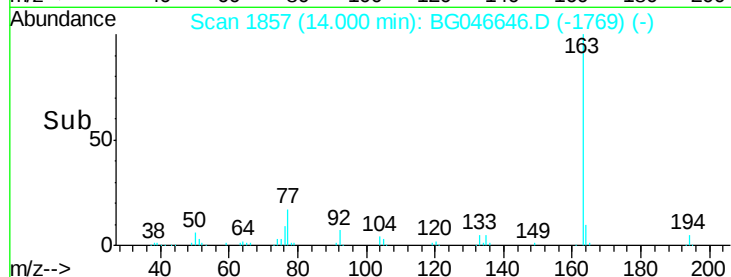
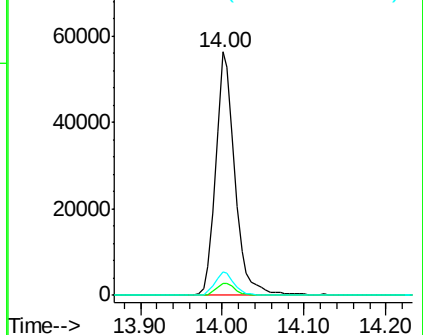
164 9.7 8.8 13.2



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



#57

2,4-Dinitrotoluene

Concen: 5.510 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

Tgt Ion:165 Resp: 24692

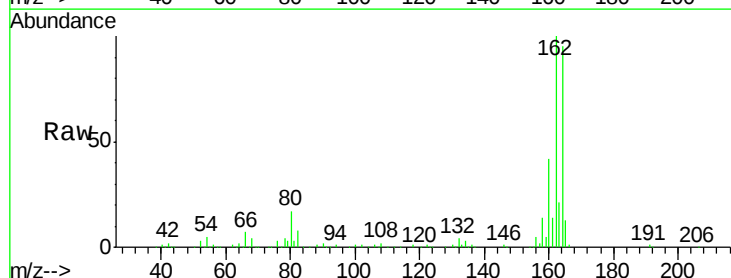
Ion Ratio Lower Upper

165 100

63 1.1 26.4 39.6#

89 0.0 47.8 71.8#

182 0.0 2.6 4.0#

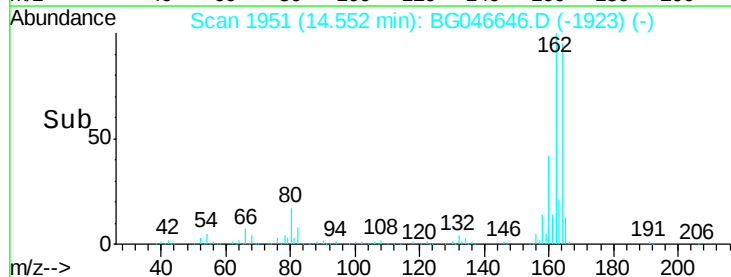
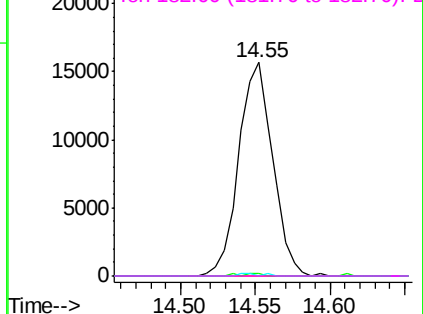


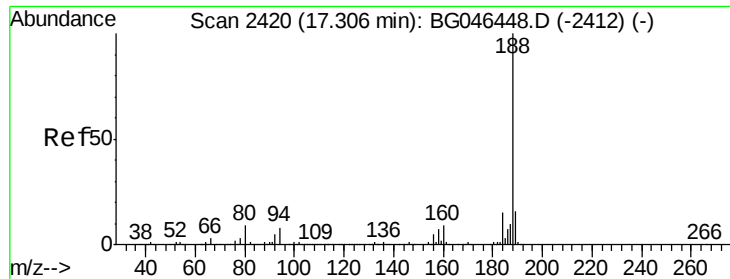
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.30 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

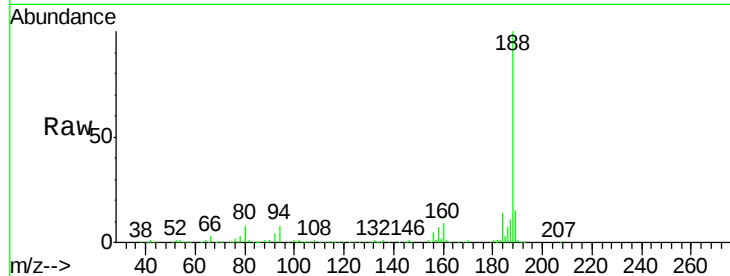
Tot Ion:188 Resp: 421650

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

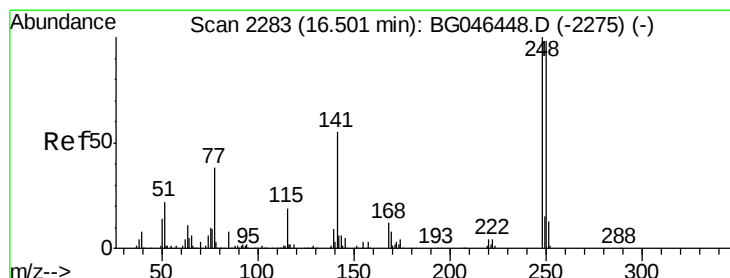
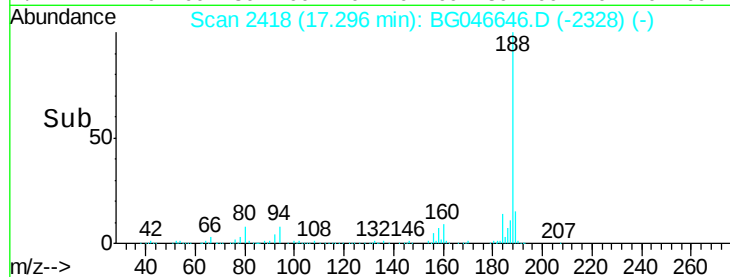
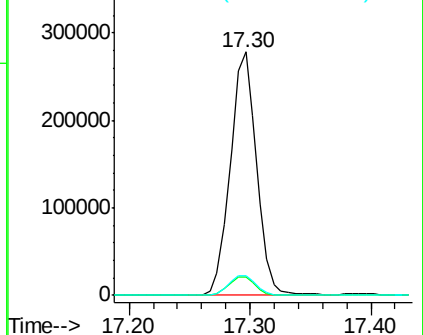
80 8.3 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.085 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.44 min

Lab File: BG046646.D

Acq: 16 Sep 2020 18:41

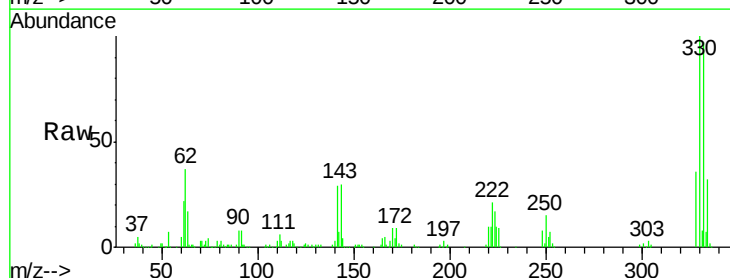
Tgt Ion:248 Resp: 15177

Ion Ratio Lower Upper

248 100

250 188.7 78.9 118.3#

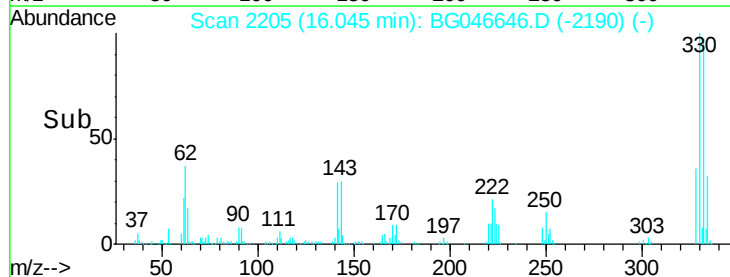
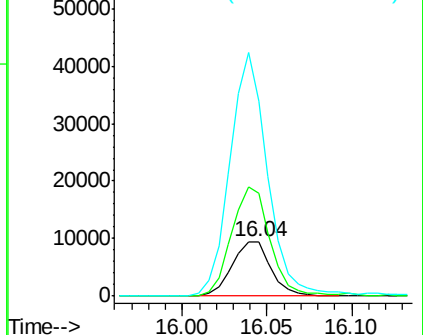
141 357.2 46.2 69.4#

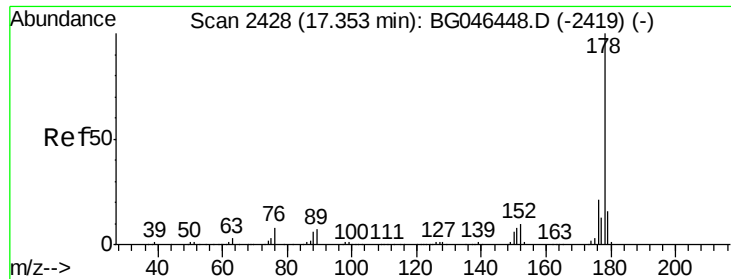


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

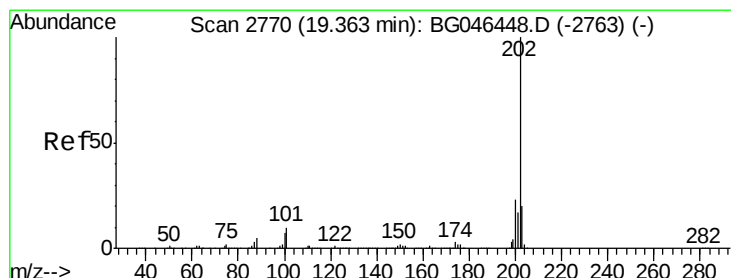
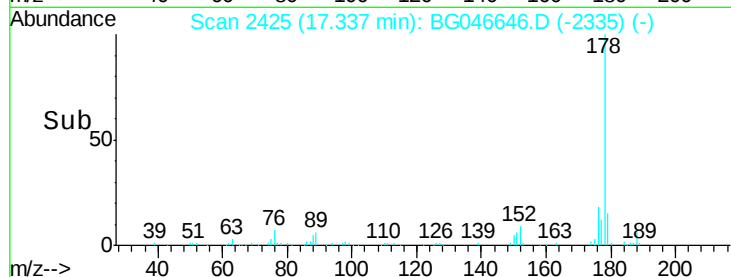
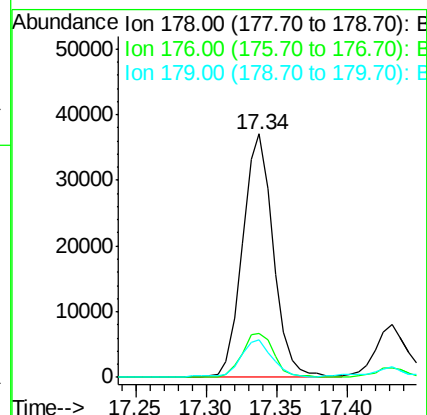
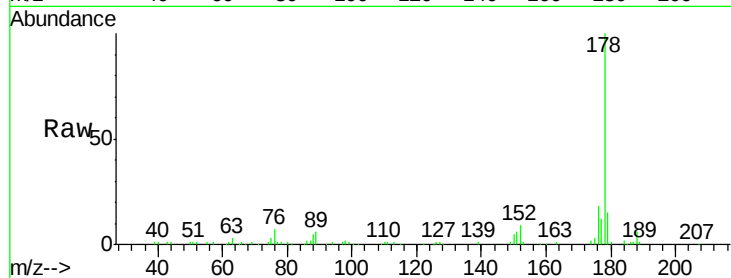




#71
Phenanthrene
Concen: 2.634 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

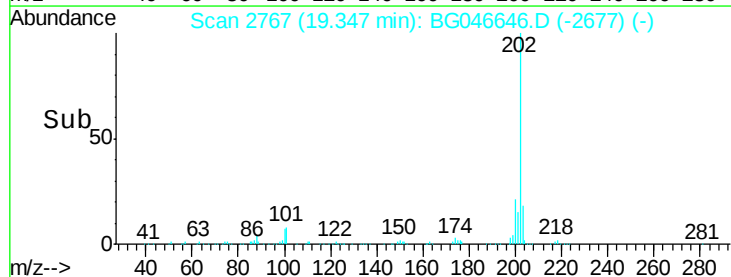
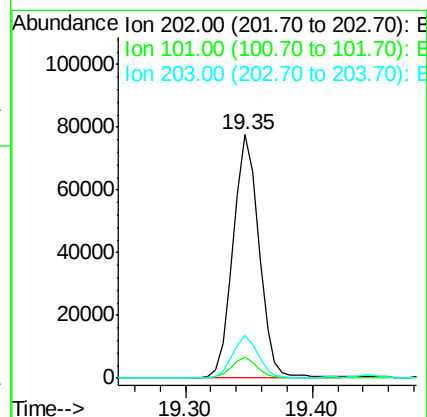
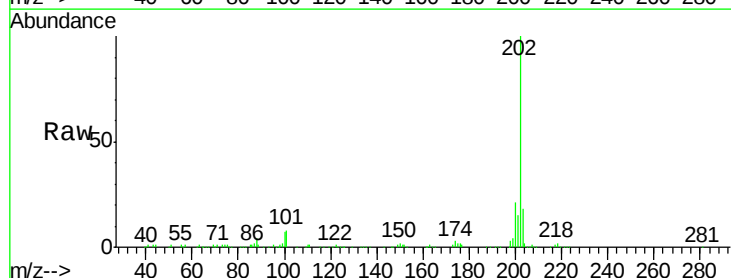
Instrument :
BNA_G
ClientSampleId :
B15-1-3

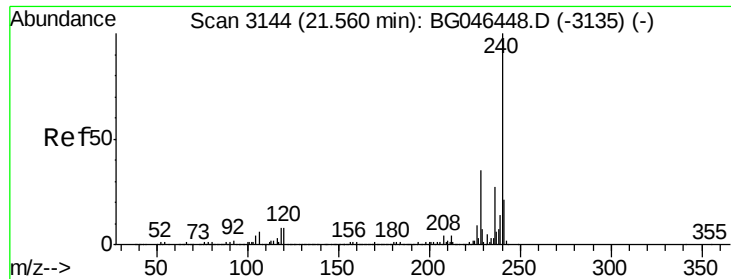
Tot Ion:178 Resp: 56301
Ion Ratio Lower Upper
178 100
176 18.3 16.7 25.1
179 15.2 14.0 21.0



#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

Tgt Ion:202 Resp: 110227
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.7
203 17.6 0.0 39.2

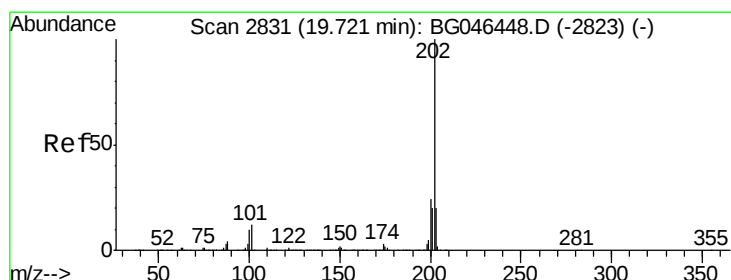
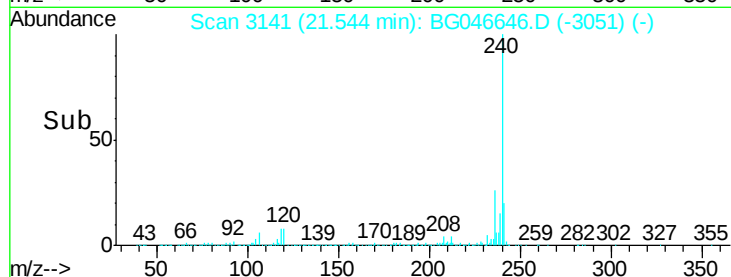
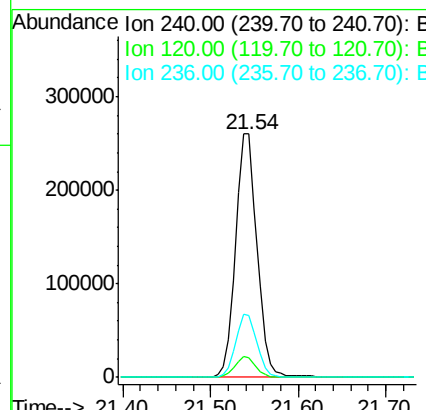
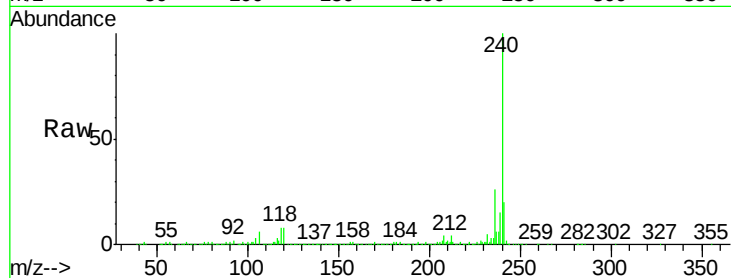




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG046646.D
 Acq: 16 Sep 2020 18:41

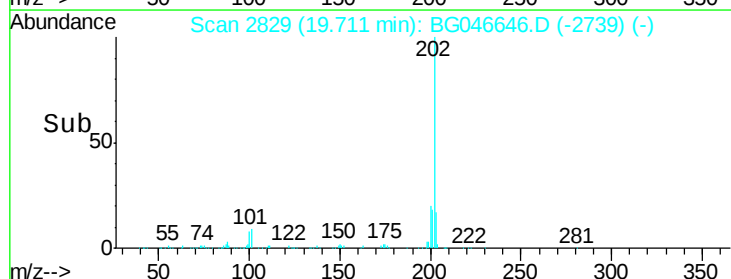
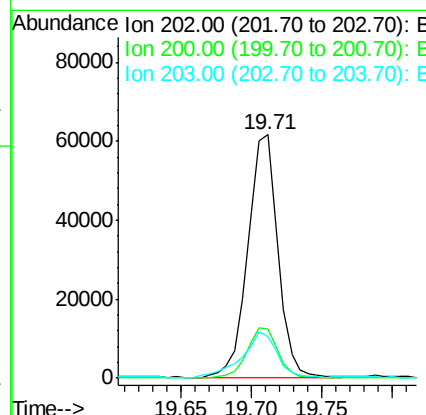
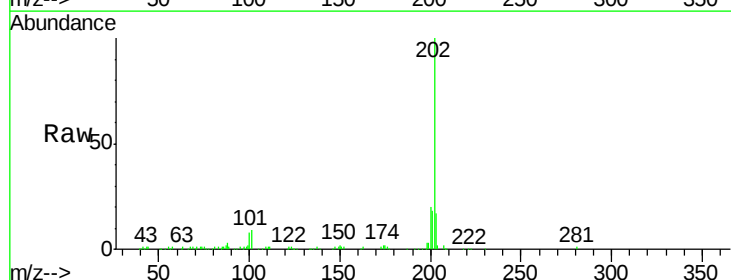
Instrument :
 BNA_G
 ClientSampleId :
 B15-1-3

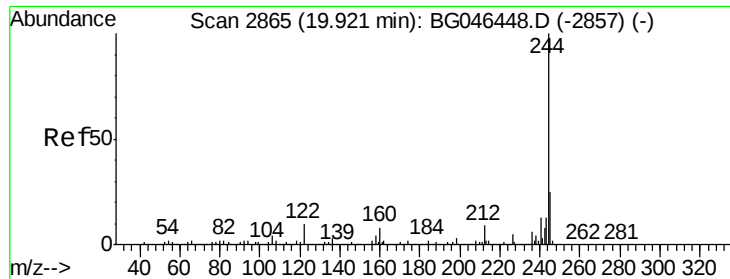
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.4
236	25.5	20.5	30.7



#78
 Pyrene
 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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

B15-1-3

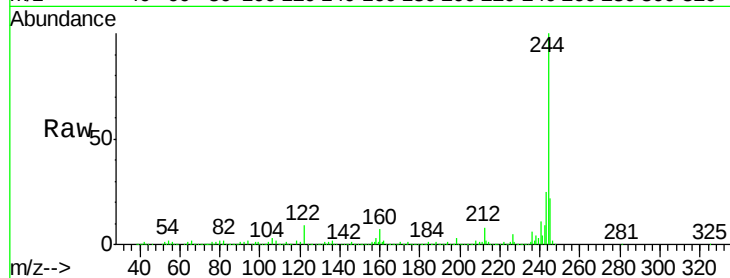
Tot Ion:244 Resp: 1153432

Ion Ratio Lower Upper

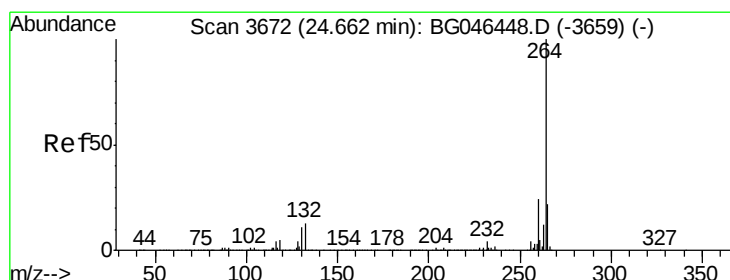
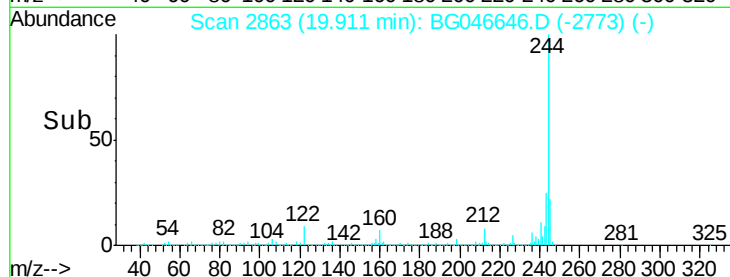
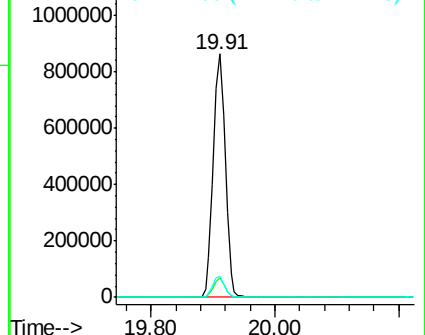
244 100

212 7.9 6.7 10.1

122 8.6 7.8 11.6



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



#86

Perylene-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

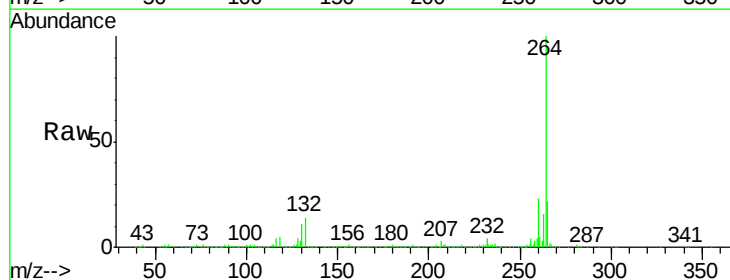
Tgt Ion:264 Resp: 429926

Ion Ratio Lower Upper

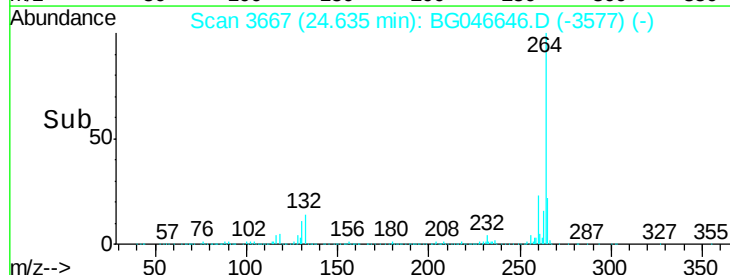
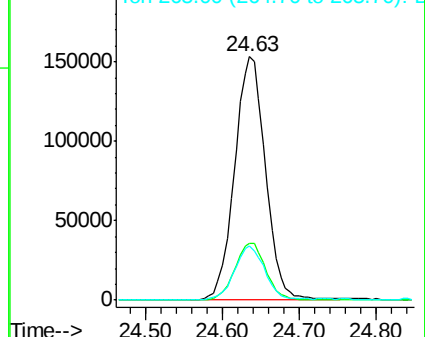
264 100

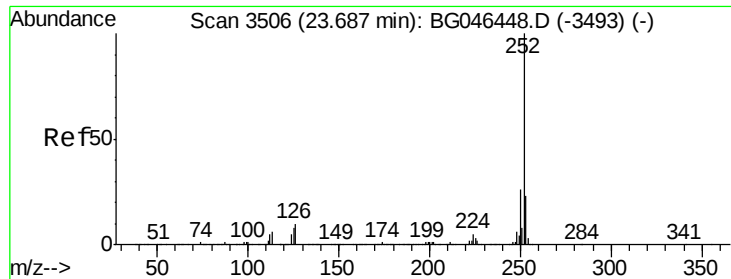
260 23.1 18.8 28.2

265 22.2 17.8 26.8



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

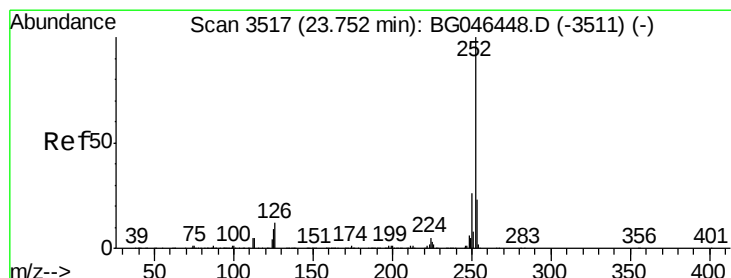
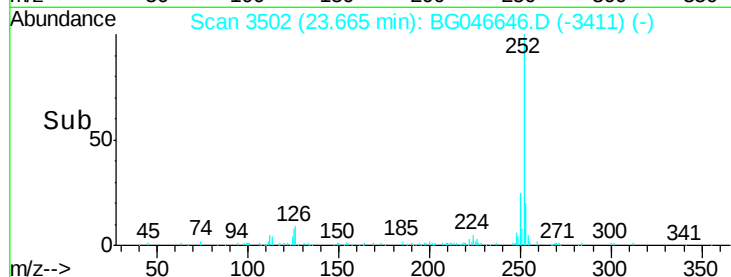
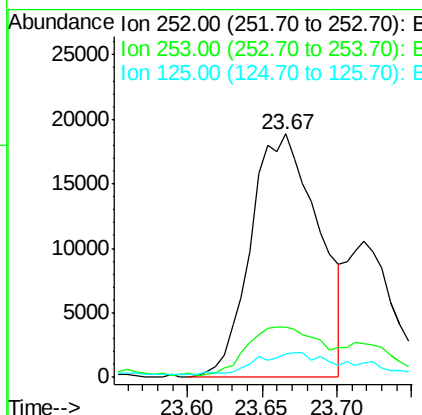
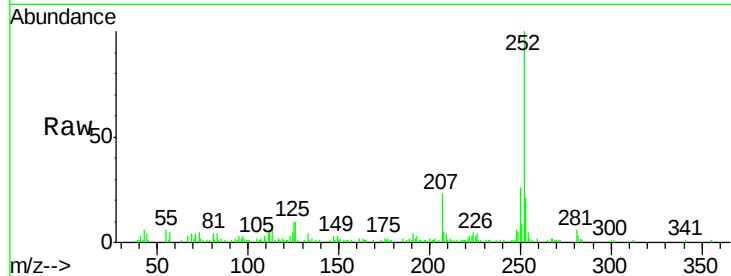




#88
Benzo(b)fluoranthene
Concen: 2.211 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Instrument :
BNA_G
ClientSampleId :
B15-1-3

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



#89
Benzo(k)fluoranthene
Concen: 2.288 ng
RT: 23.67 min Scan# 3502
Delta R.T. -0.06 min
Lab File: BG046646.D
Acq: 16 Sep 2020 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.6	27.8
125	9.6	6.8	10.2

