

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046566.D
 Acq On : 8 Sep 2020 20:37
 Operator : CG/JU
 Sample : L3919-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Quant Time: Sep 09 00:40:33 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 02 15:06:53 2020
 Response via : Initial Calibration

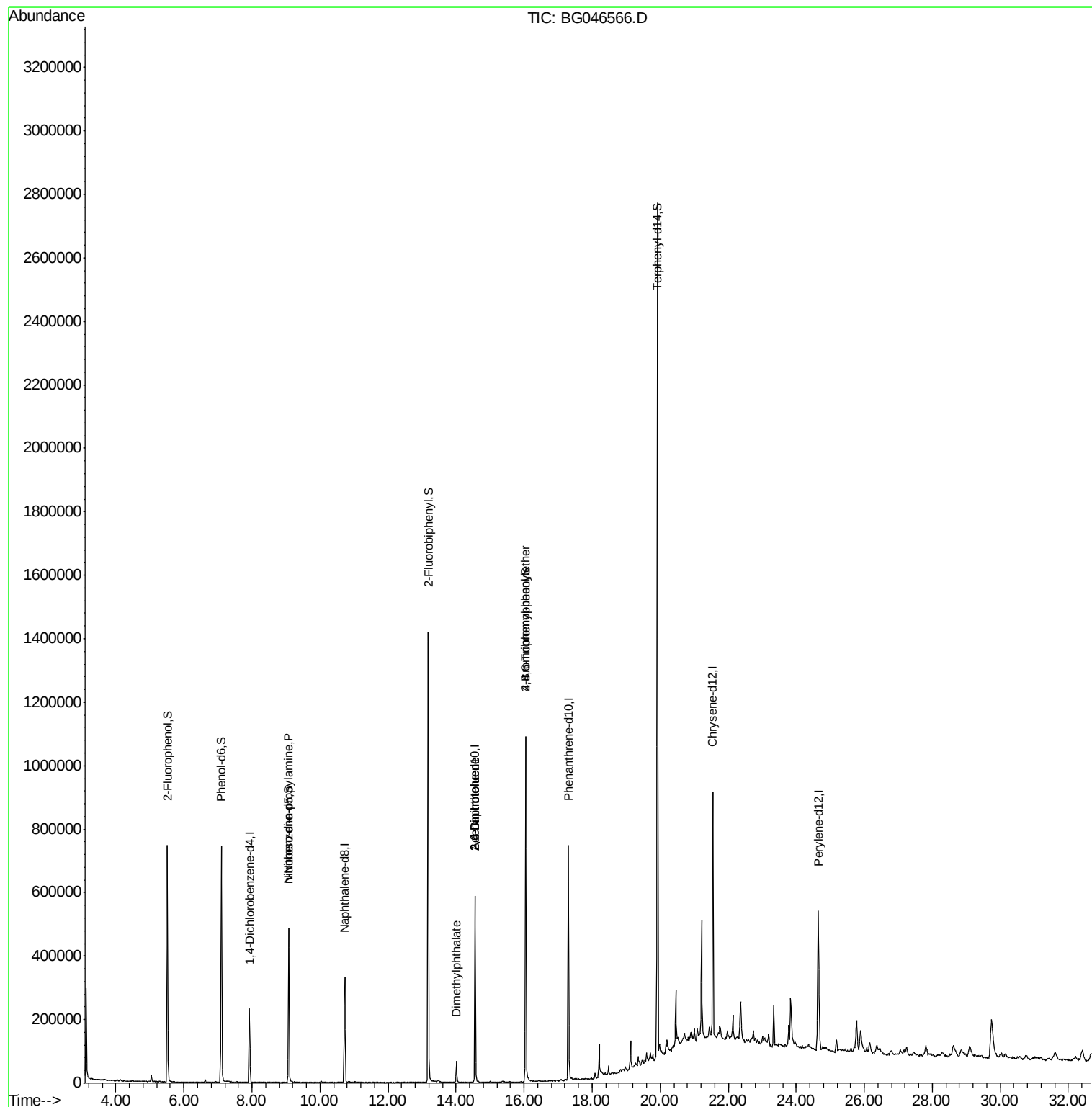
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75030	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	307362	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	216231	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	504911	20.00	ng	0.00
76) Chrysene-d12	21.55	240	484166	20.00	ng	0.00
86) Perylene-d12	24.65	264	476725	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	347455	82.02	ng	0.00
7) Phenol-d6	7.10	99	473338	78.82	ng	0.00
23) Nitrobenzene-d5	9.08	82	316792	58.91	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	233035	79.54	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	840437	59.33	ng	0.00
79) Terphenyl-d14	19.92	244	1247711	54.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	40554	11.290	ng	Qvalue # 80
50) Dimethylphthalate	14.01	163	53600	3.204	ng	99
51) 2,6-Dinitrotoluene	14.56	165	28458	7.717	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	28458	5.412	ng	# 34
67) 4-Bromophenyl-phenylether	16.04	248	17633	2.993	ng	# 1

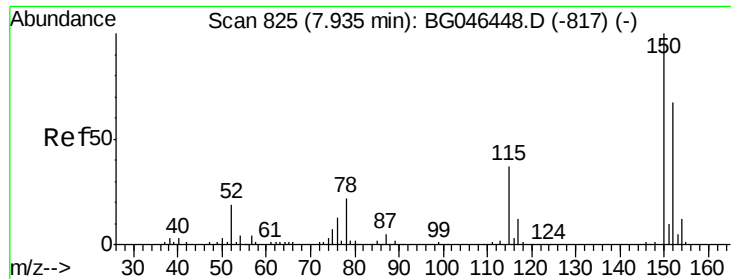
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
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QLast Update : Wed Sep 02 15:06:53 2020
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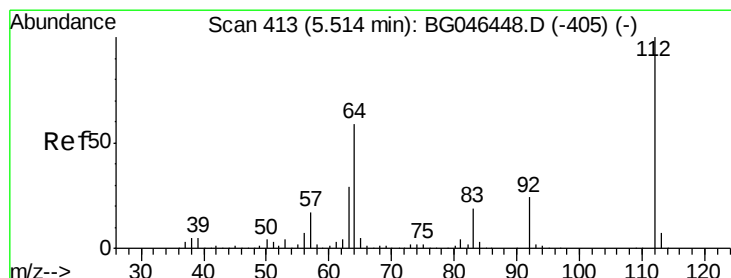
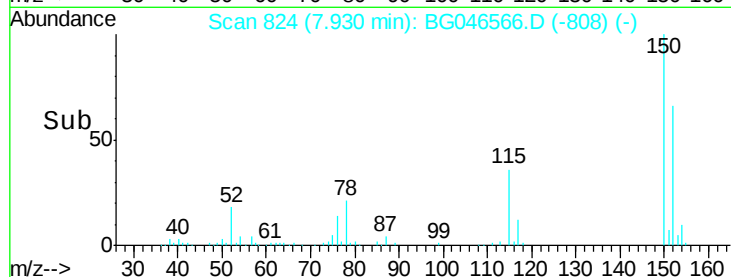
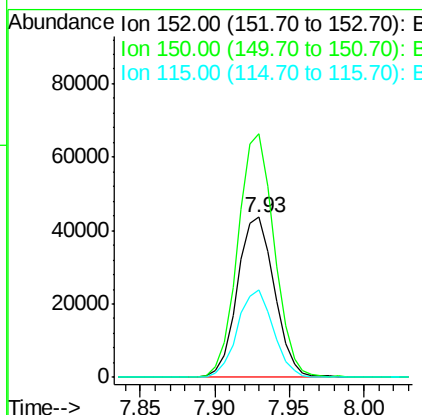
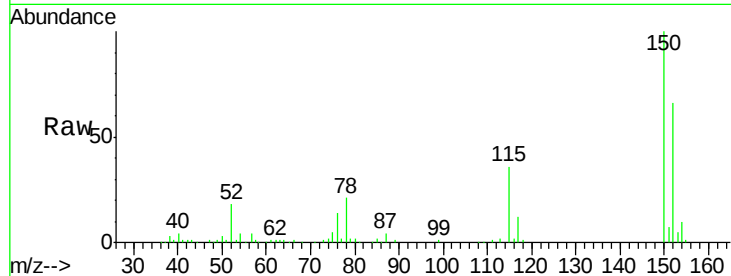


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Instrument :
BNA_G
ClientSampleId :
TP-15

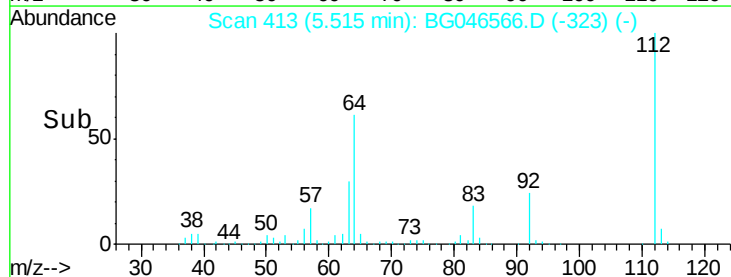
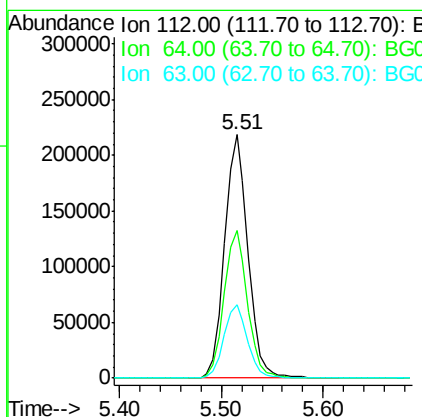
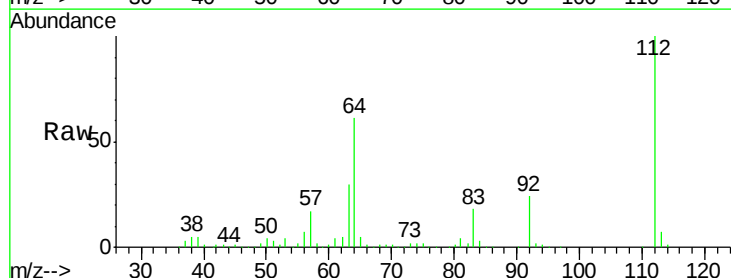
Tot Ion:152 Resp: 75030
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 54.4 44.3 66.5



#5

2-Fluorophenol
Concen: 82.021 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Tgt Ion:112 Resp: 347455
Ion Ratio Lower Upper
112 100
64 60.8 47.0 70.6
63 30.3 23.5 35.3





#7

Phenol-d6

Concen: 78.822 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046566.D

Acq: 8 Sep 2020 20:37

Instrument :

BNA_G

ClientSampleId :

TP-15

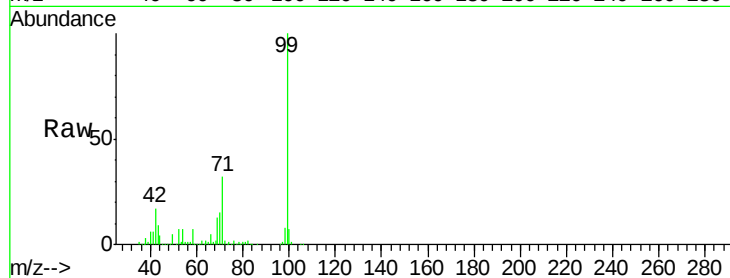
Tot Ion: 99 Resp: 473338

Ion Ratio Lower Upper

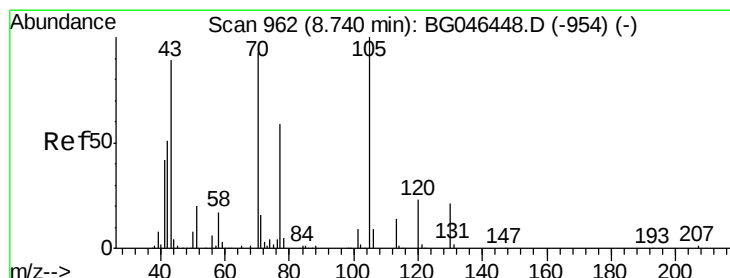
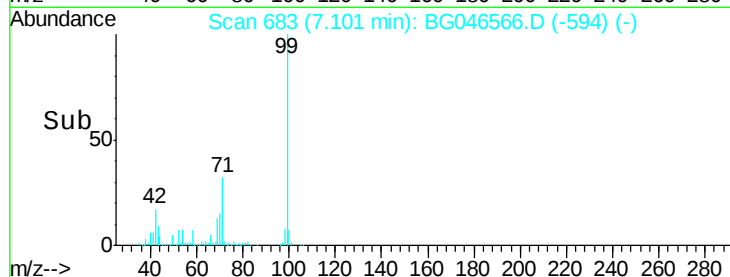
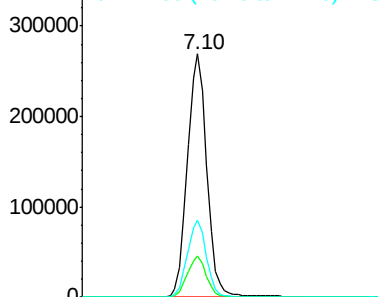
99 100

42 17.0 13.3 19.9

71 31.8 25.3 37.9



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: 11.290 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046566.D

Acq: 8 Sep 2020 20:37

Tgt Ion: 70 Resp: 40554

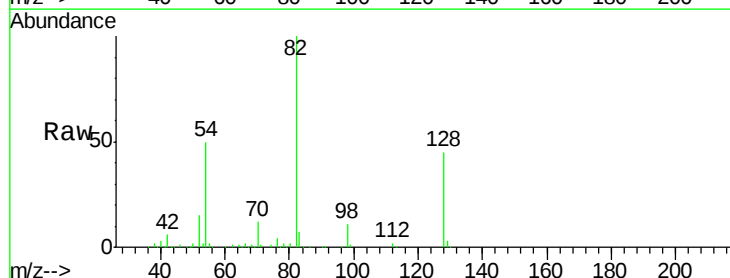
Ion Ratio Lower Upper

70 100

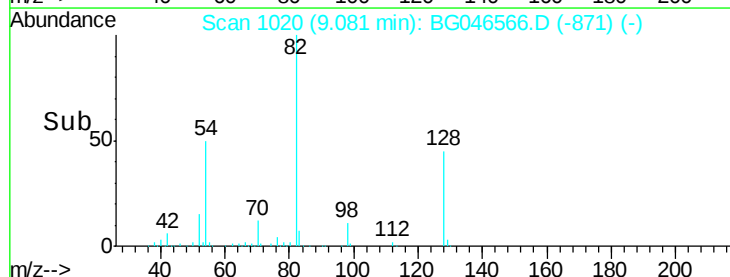
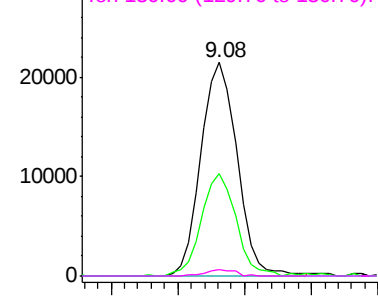
42 47.9 44.2 66.2

101 0.0 7.8 11.8#

130 2.8 18.2 27.4#



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

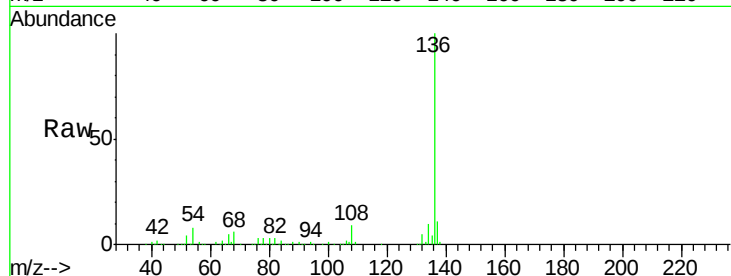




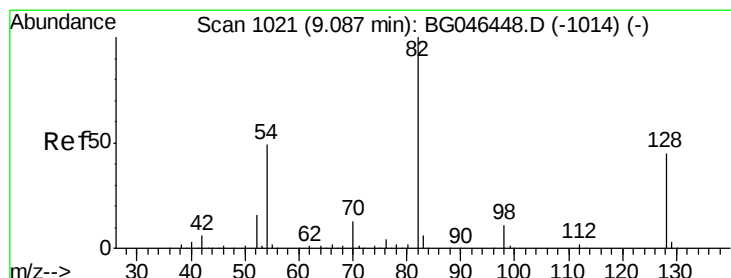
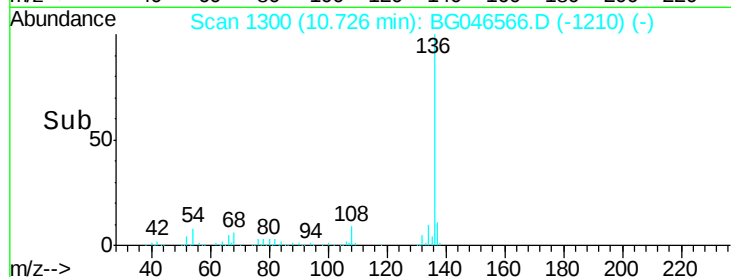
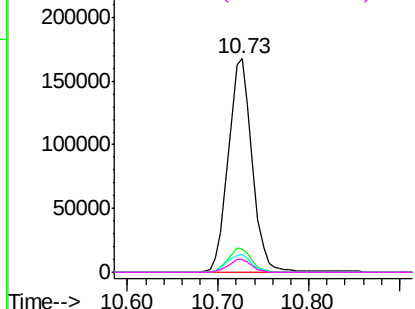
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Instrument :
BNA_G
ClientSampled :
TP-15

Tot Ion:136	Resp:	307362
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	8.3	6.1 9.1
68	5.9	4.8 7.2

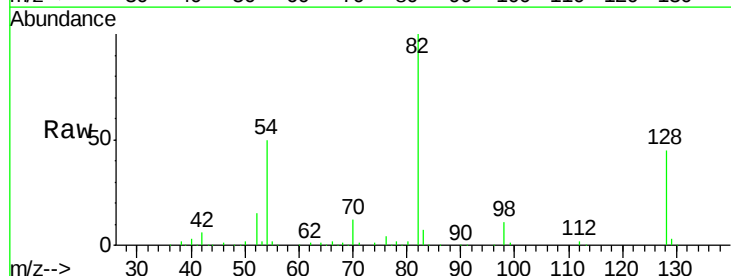


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

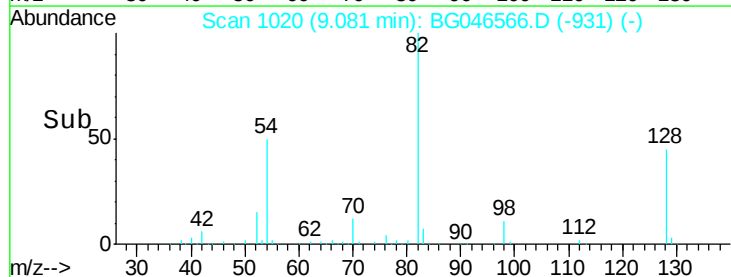
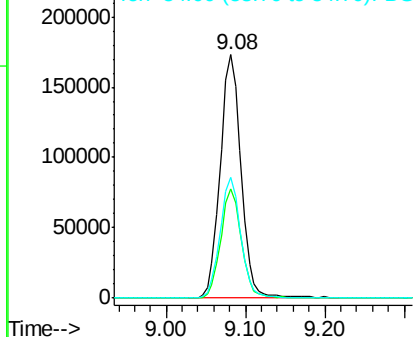


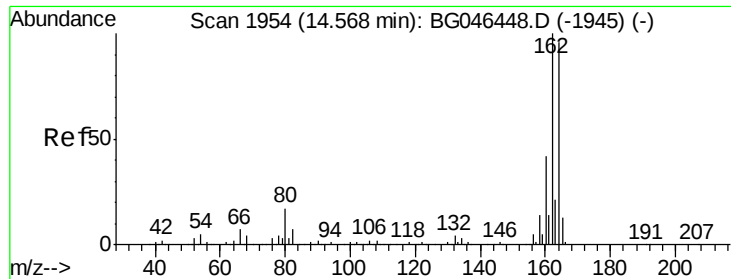
#23
Nitrobenzene-d5
Concen: 58.909 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Tgt Ion: 82	Resp:	316792
Ion	Ratio	Lower Upper
82	100	
128	45.1	35.7 53.5
54	49.5	39.4 59.0



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: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046566.D

Acq: 8 Sep 2020 20:37

Instrument :

BNA_G

ClientSampled :

TP-15

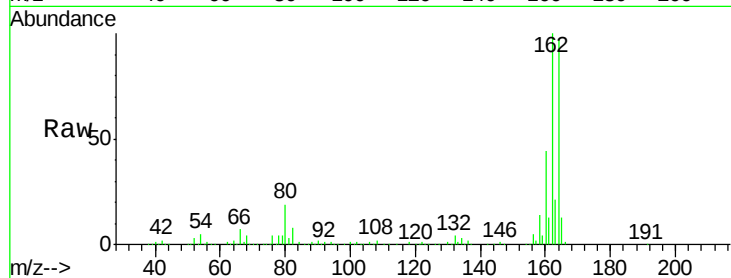
Tot Ion:164 Resp: 216231

Ion Ratio Lower Upper

164 100

162 103.2 83.3 124.9

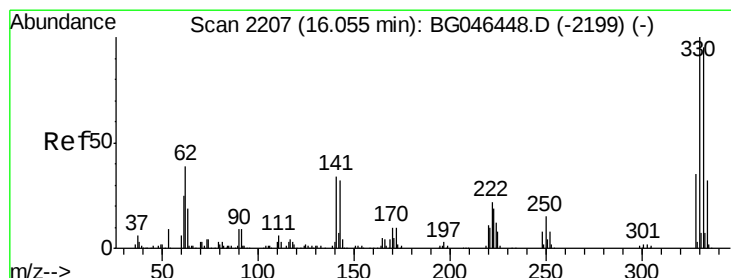
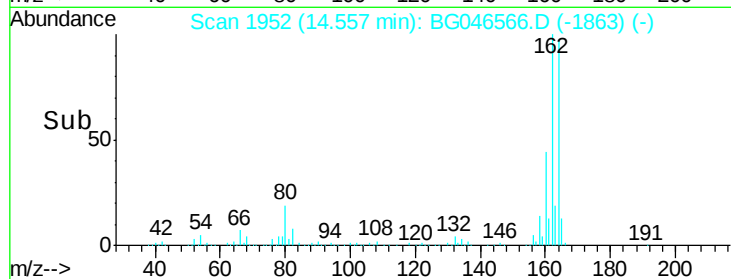
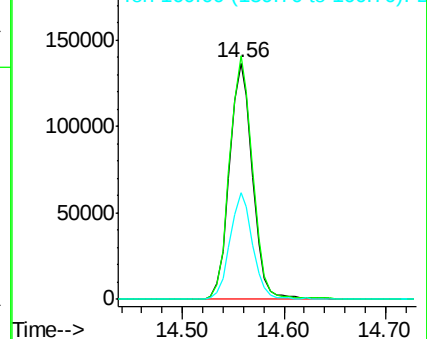
160 45.2 35.0 52.6



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: 79.540 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046566.D

Acq: 8 Sep 2020 20:37

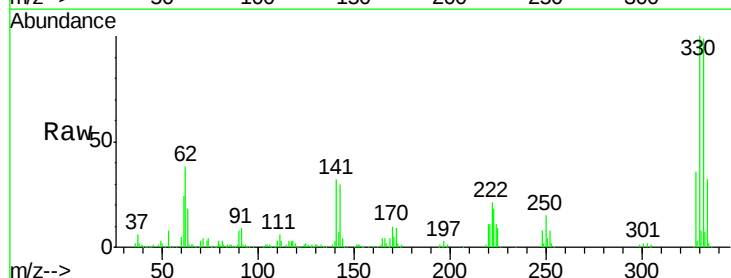
Tgt Ion:330 Resp: 233035

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

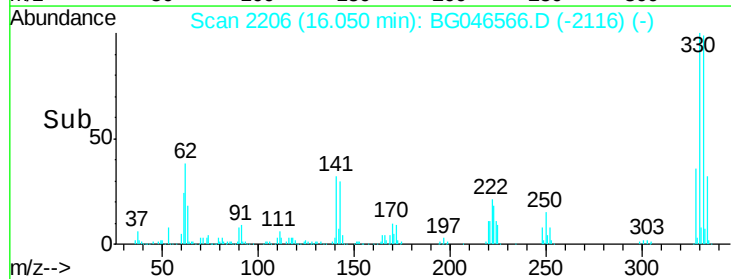
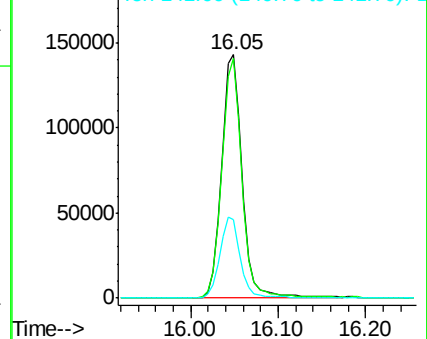
141 33.4 26.1 39.1

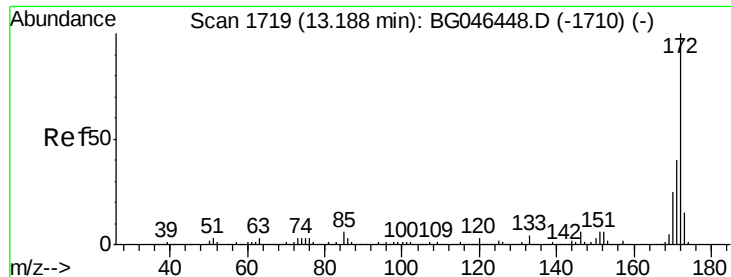


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

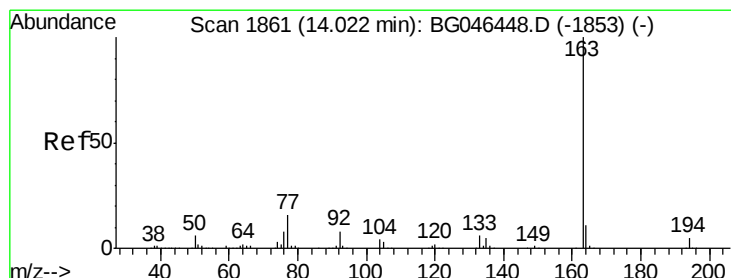
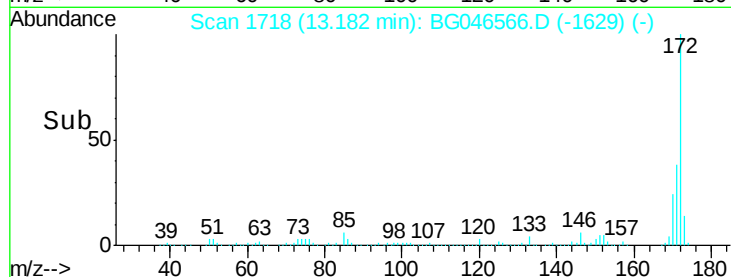
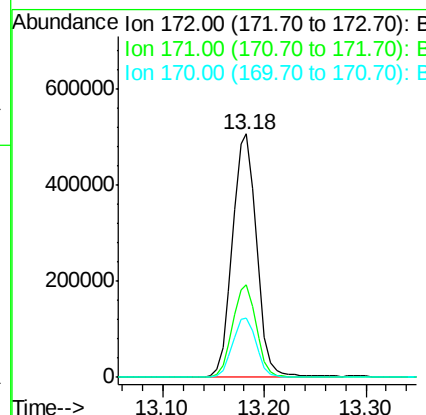
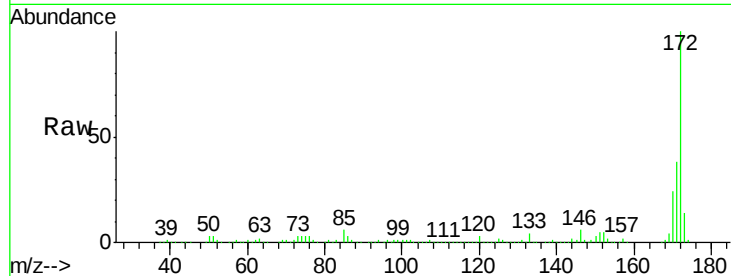




#45
2-Fluorobiphenyl
Concen: 59.334 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

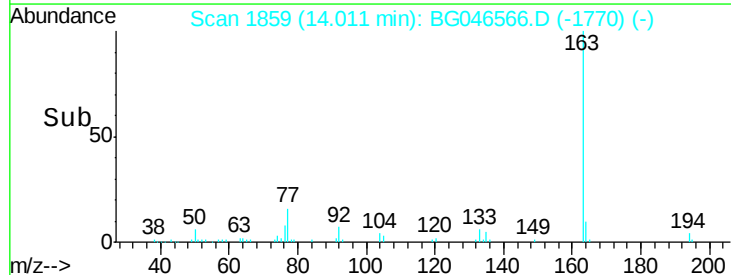
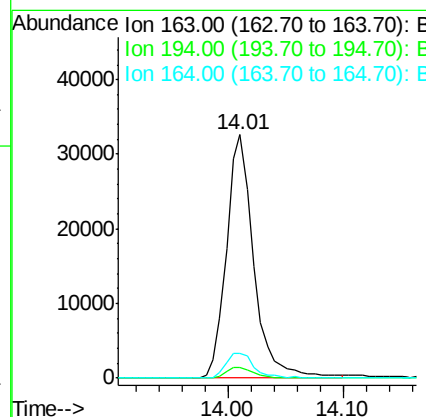
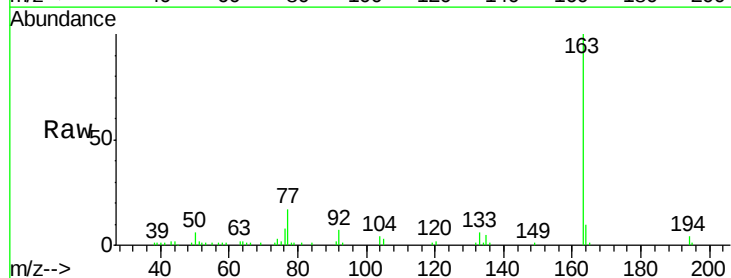
Instrument :
BNA_G
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TP-15

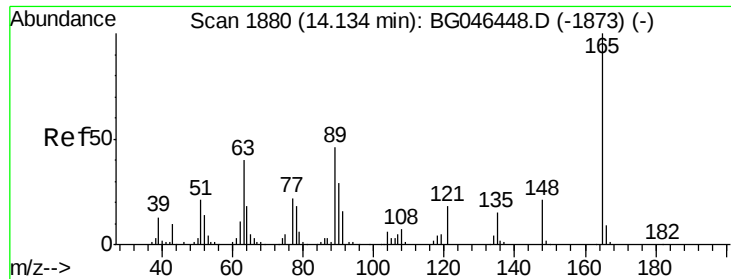
Tot Ion:172 Resp: 840437
Ion Ratio Lower Upper
172 100
171 37.8 31.8 47.6
170 24.2 20.3 30.5



#50
Dimethylphthalate
Concen: 3.204 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Tgt Ion:163 Resp: 53600
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.1 8.6 12.8

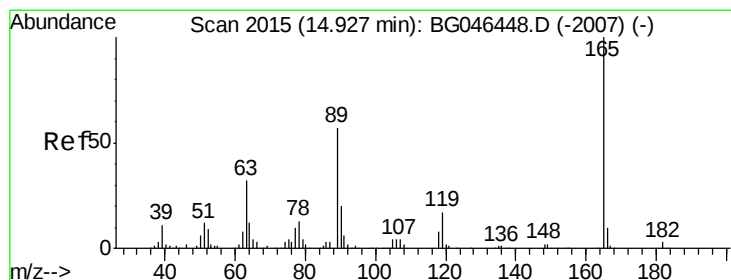
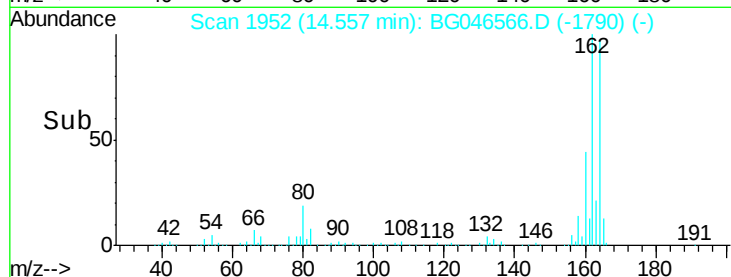
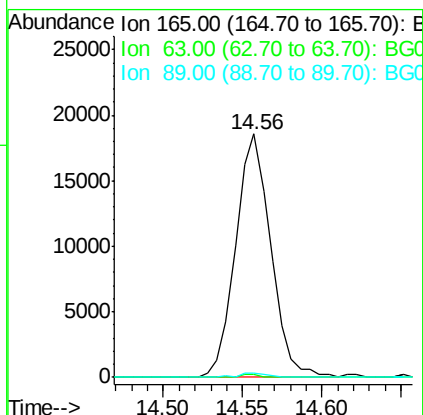
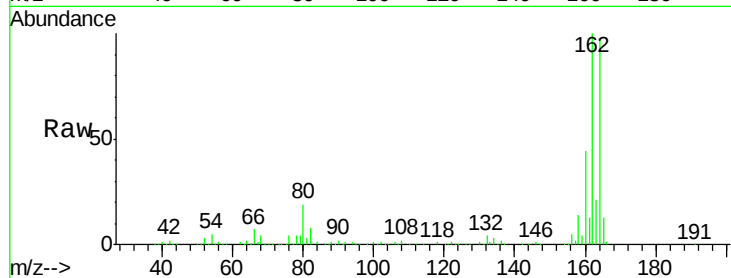




#51
 2,6-Dinitrotoluene
 Concen: 7.717 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046566.D
 Acq: 8 Sep 2020 20:37

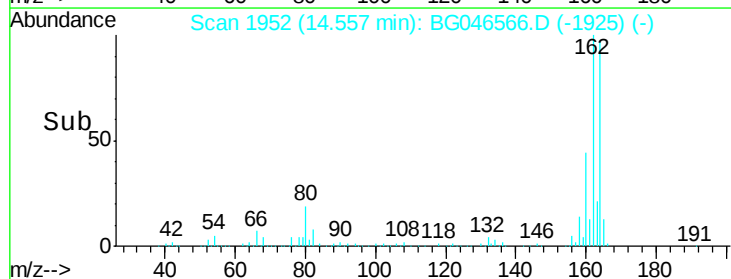
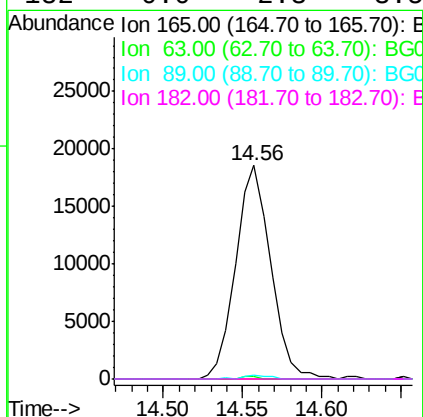
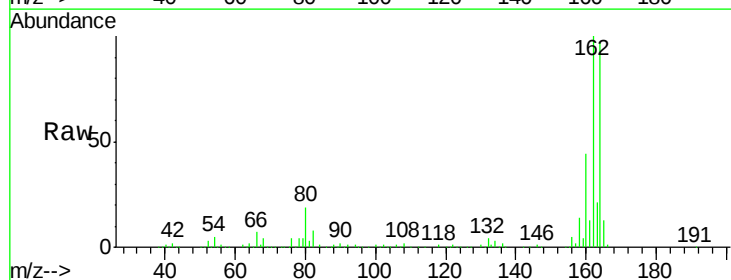
Instrument :
 BNA_G
 ClientSampleId :
 TP-15

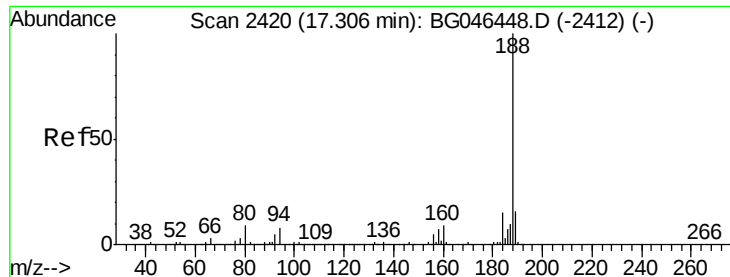
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.2	51.4#
89	1.5	37.0	55.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.412 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046566.D
 Acq: 8 Sep 2020 20:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.5	45.9	68.9#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG046566.D

Acq: 8 Sep 2020 20:37

Instrument :

BNA_G

ClientSampleId :

TP-15

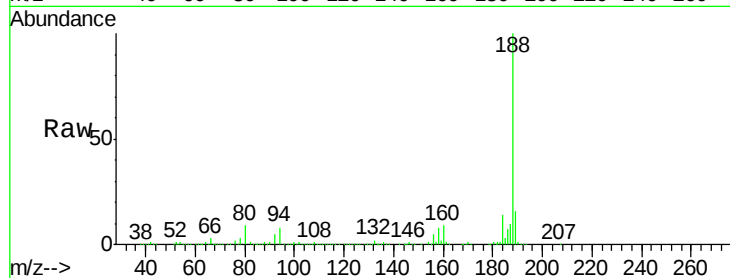
Tot Ion:188 Resp: 504911

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

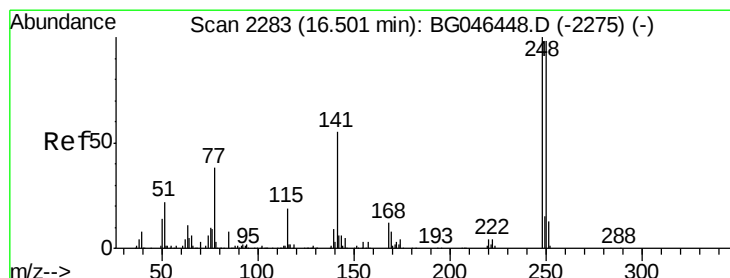
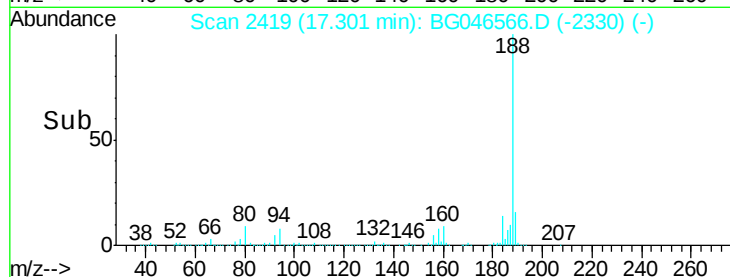
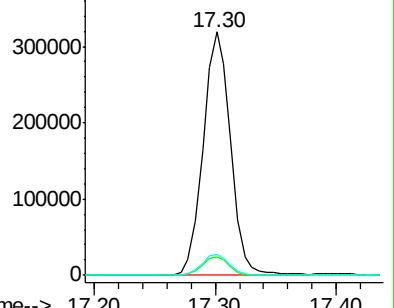
80 8.7 6.9 10.3



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: 2.993 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046566.D

Acq: 8 Sep 2020 20:37

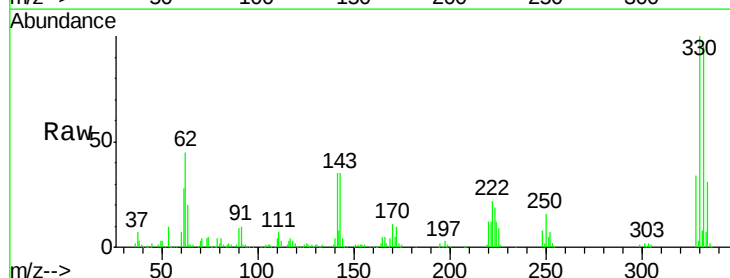
Tgt Ion:248 Resp: 17633

Ion Ratio Lower Upper

248 100

250 193.8 78.6 118.0#

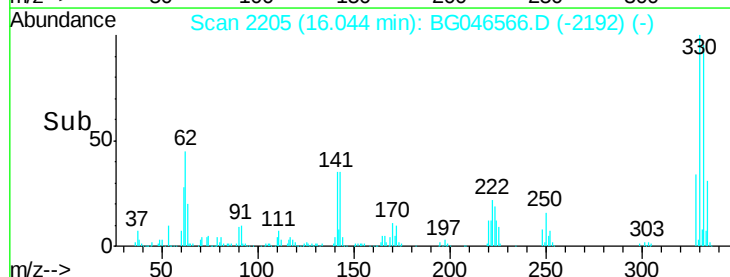
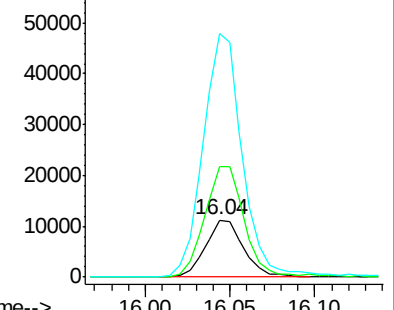
141 425.1 43.9 65.9#

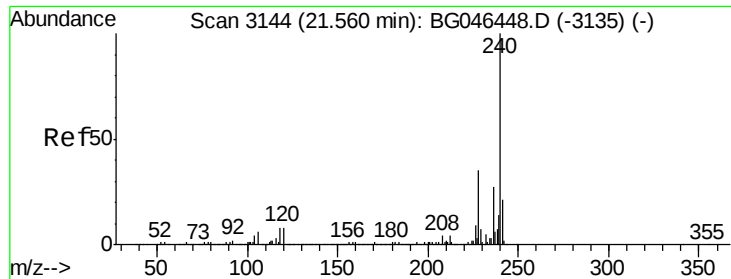


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

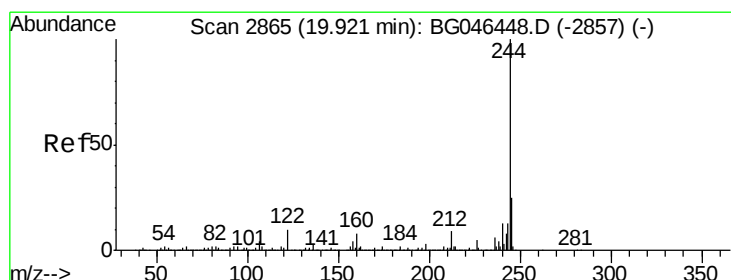
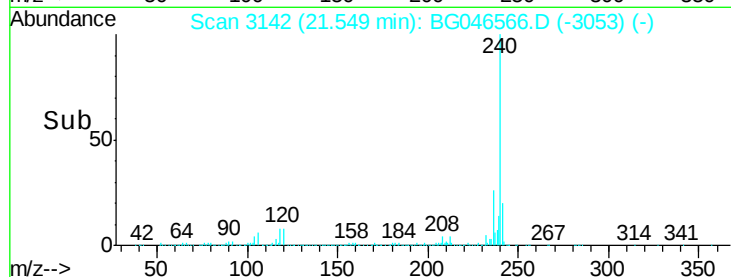
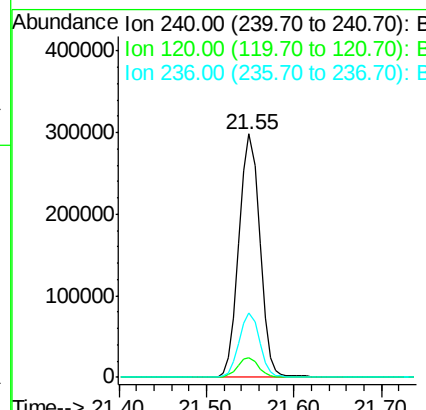
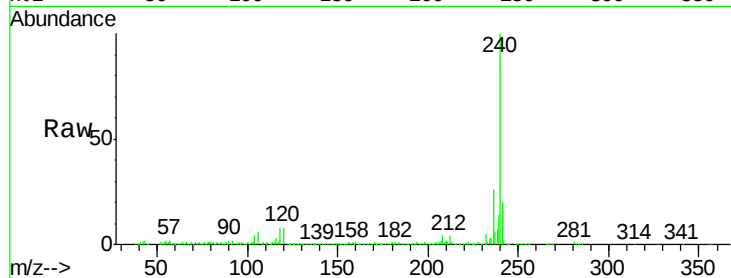




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

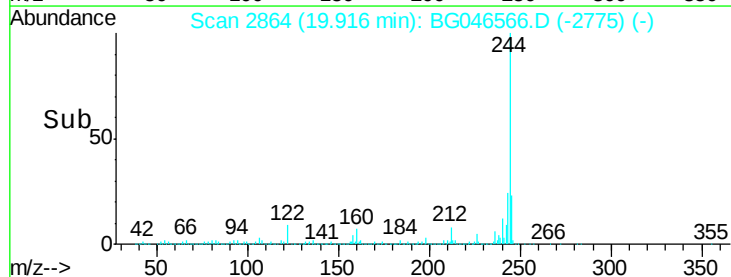
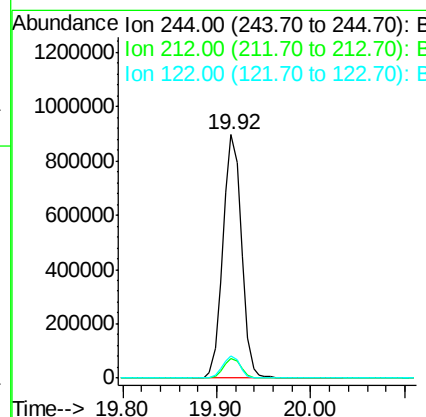
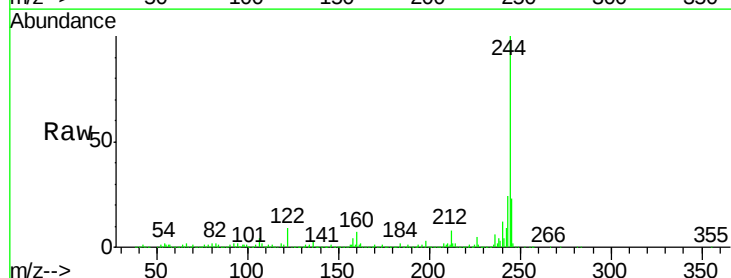
Instrument :
BNA_G
ClientSampleId :
TP-15

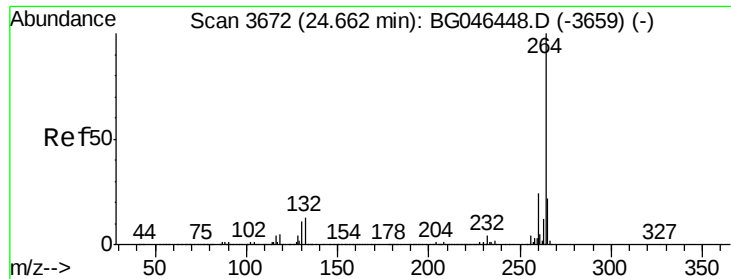
Tot Ion:240 Resp: 484166
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 54.844 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Tgt Ion:244 Resp: 1247711
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.1 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046566.D
Acq: 8 Sep 2020 20:37

Instrument :
BNA_G
ClientSampleId :
TP-15

Tot Ion: 264 Resp: 476725
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 22.1 17.9 26.9

