

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046521.D
 Acq On : 3 Sep 2020 18:08
 Operator : CG/JU
 Sample : L3787-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20071

Quant Time: Sep 04 01:21:04 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

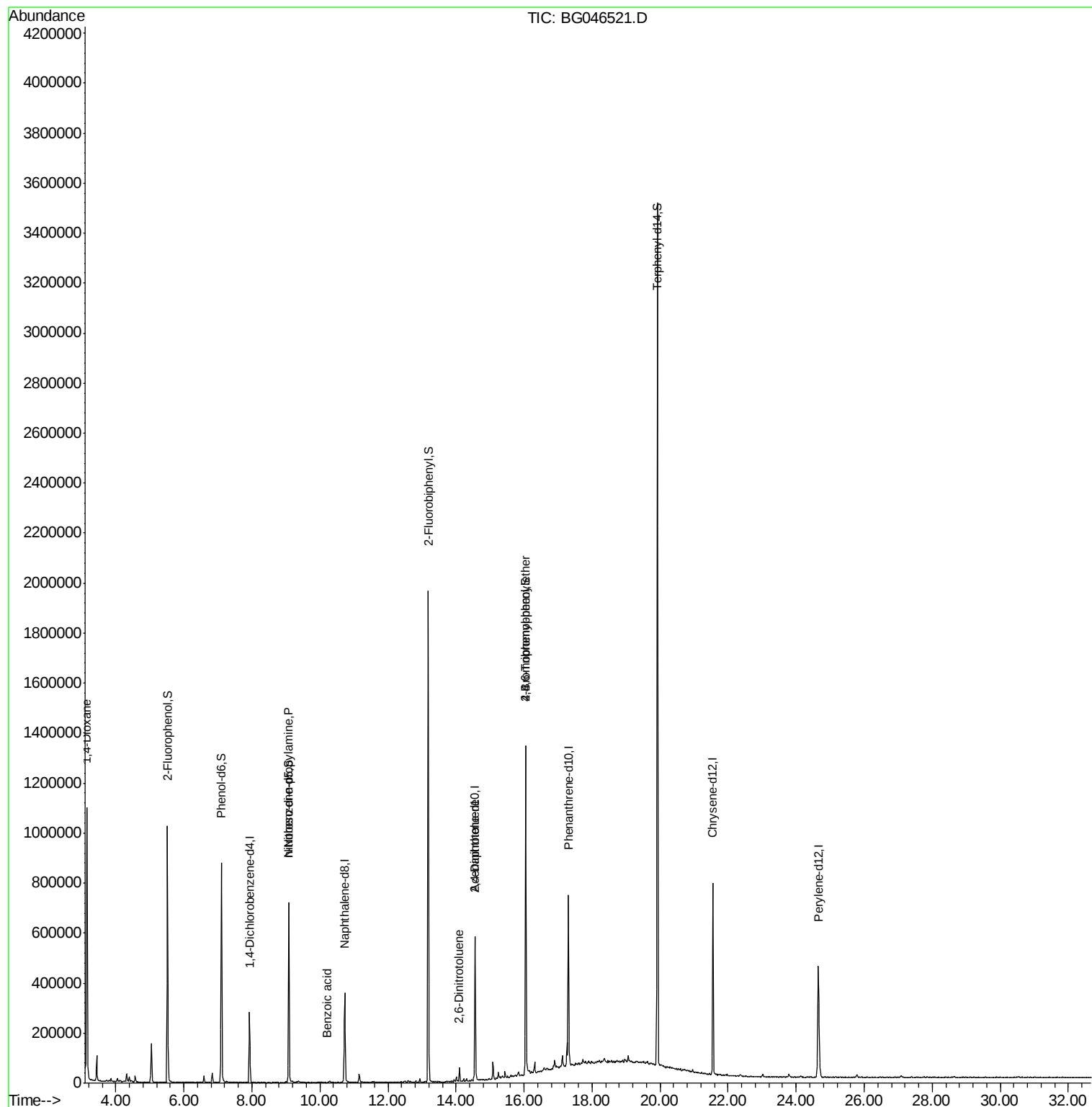
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	86249	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	327069	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	206076	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	448751	20.00	ng	0.00
76) Chrysene-d12	21.55	240	491071	20.00	ng	0.00
86) Perylene-d12	24.65	264	495868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	486037	99.81	ng	0.00
7) Phenol-d6	7.10	99	553151	80.13	ng	0.00
23) Nitrobenzene-d5	9.08	82	464995	81.26	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	271659	97.29	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1093633	81.01	ng	0.00
79) Terphenyl-d14	19.92	244	1589556	68.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.15	88	11695	5.773	ng	# 1
19) n-Nitroso-di-n-propylamine	9.08	70	58179	14.090	ng	# 78
32) Benzoic acid	10.21	122	304	4.589	ng	# 1
51) 2,6-Dinitrotoluene	14.10	165	8735	2.485	ng	# 32
57) 2,4-Dinitrotoluene	14.56	165	27617	5.511	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	21179	4.045	ng	# 1

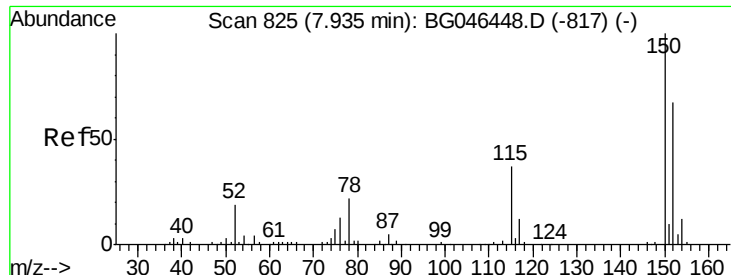
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046521.D
Acq On : 3 Sep 2020 18:08
Operator : CG/JU
Sample : L3787-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20071

Quant Time: Sep 04 01:21:04 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



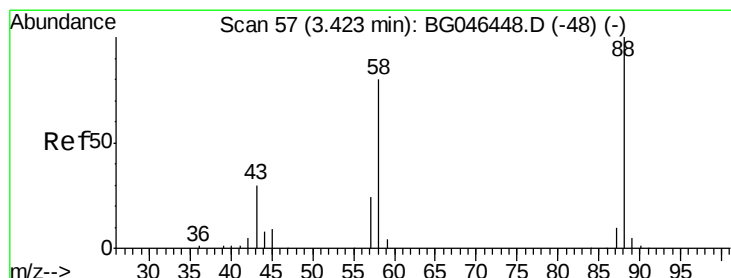
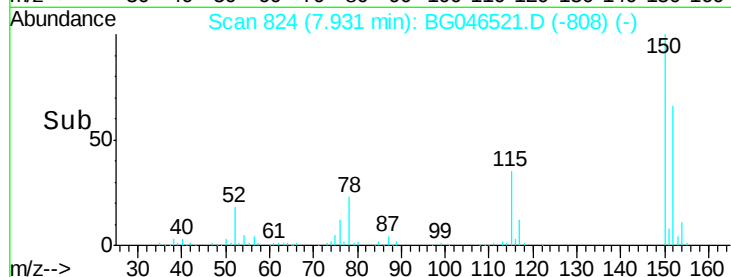
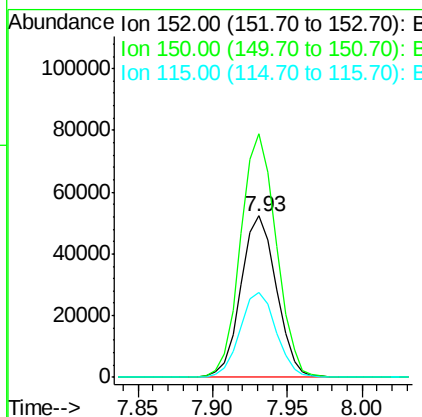
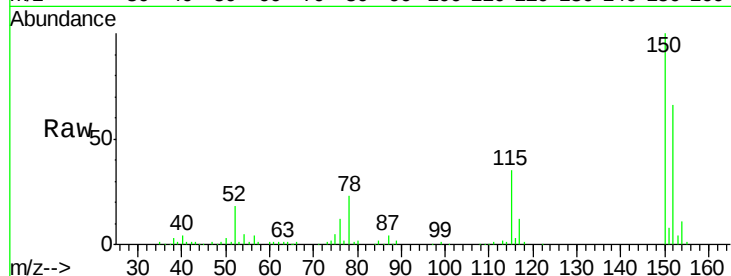


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046521.D
Acq: 3 Sep 2020 18:08

Instrument :
BNA_G
ClientSampleId :
20071

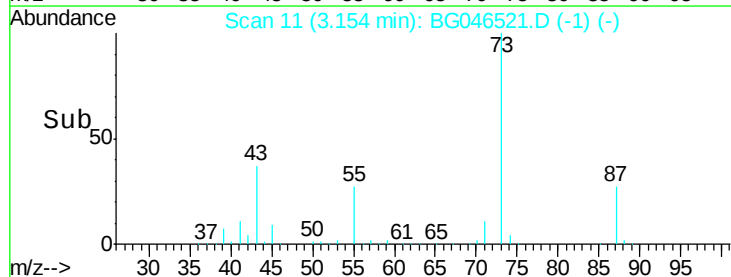
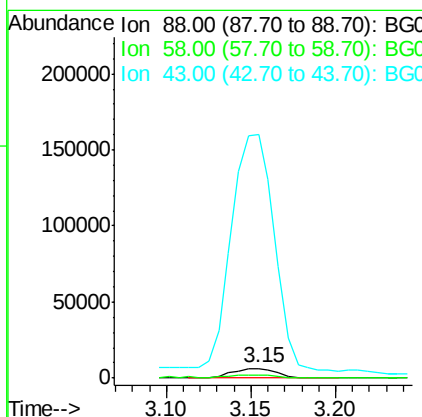
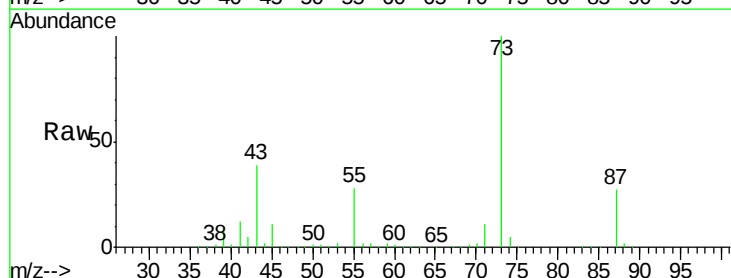
Tot Ion:152 Resp: 86249
Ion Ratio Lower Upper
152 100
150 150.8 119.5 179.3
115 52.8 44.3 66.5

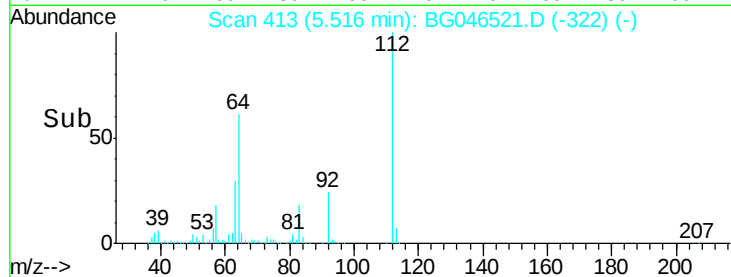
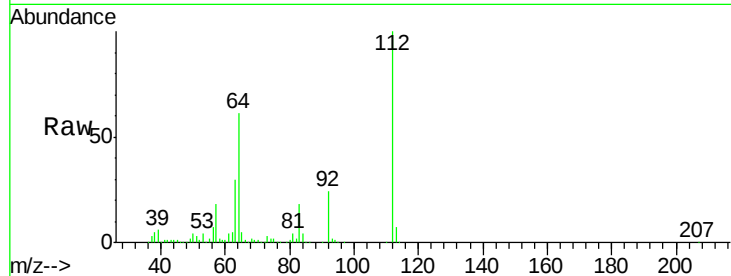
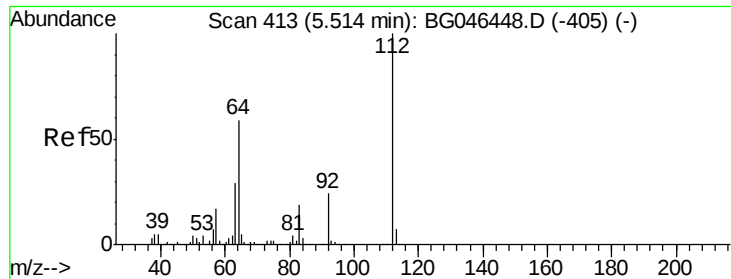


#2

1,4-Dioxane
Concen: 5.773 ng
RT: 3.15 min Scan# 11
Delta R.T. -0.27 min
Lab File: BG046521.D
Acq: 3 Sep 2020 18:08

Tgt Ion: 88 Resp: 11695
Ion Ratio Lower Upper
88 100
58 28.0 61.4 92.2#
43 2345.4 21.6 32.4#





#5

2-Fluorophenol

Concen: 99.811 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Instrument :

BNA_G

ClientSampleId :

20071

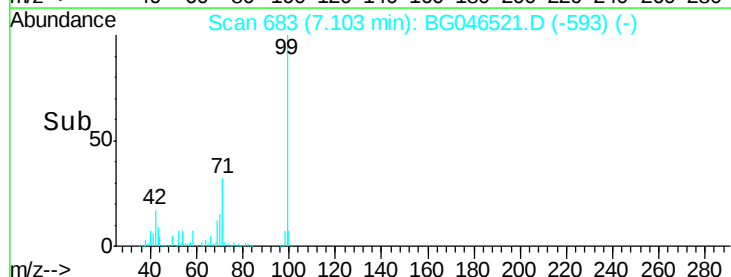
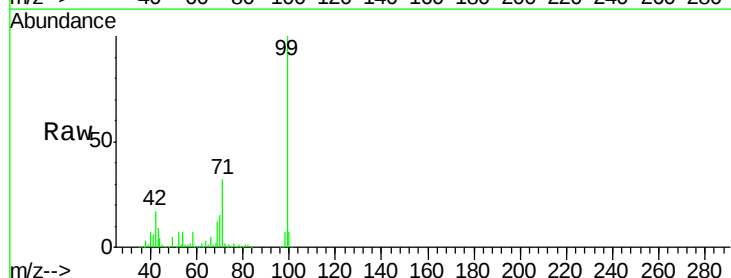
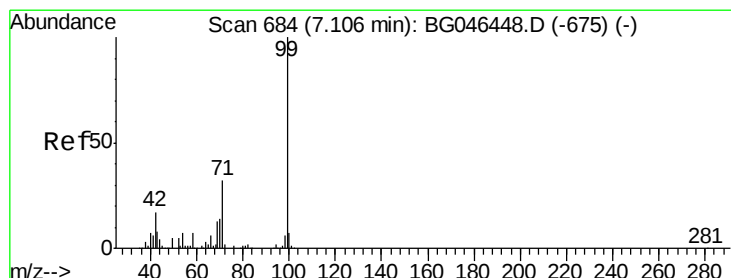
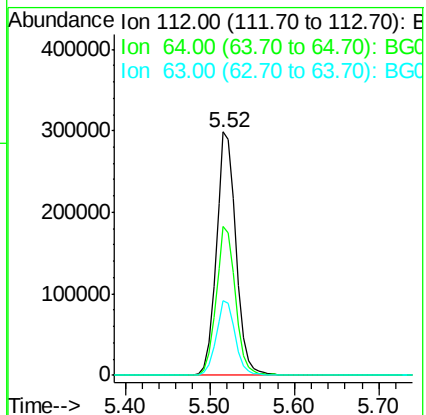
Tot Ion:112 Resp: 486037

Ion Ratio Lower Upper

112 100

64 60.9 47.0 70.6

63 30.5 23.5 35.3



#7

Phenol-d6

Concen: 80.131 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

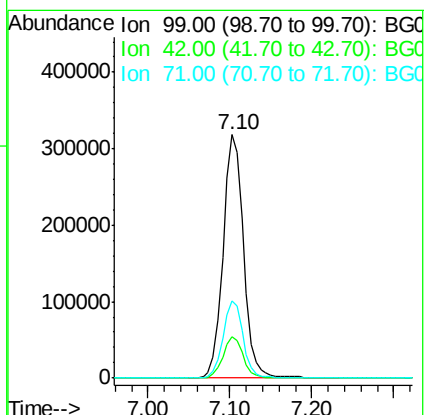
Tgt Ion: 99 Resp: 553151

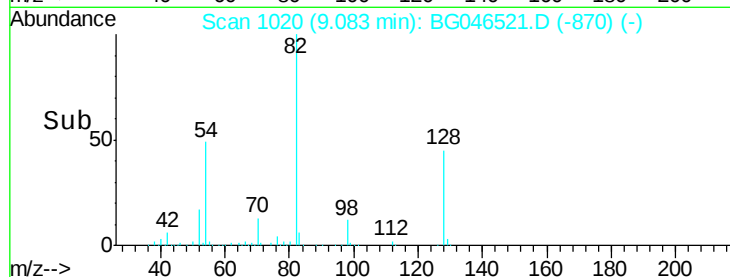
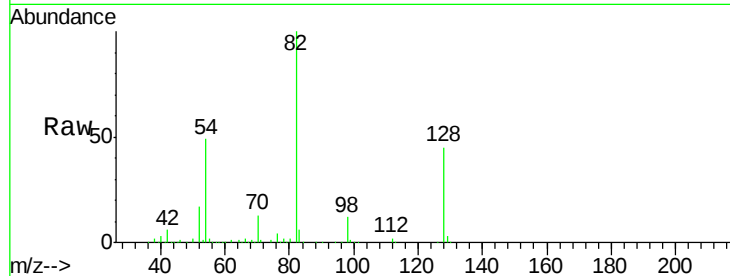
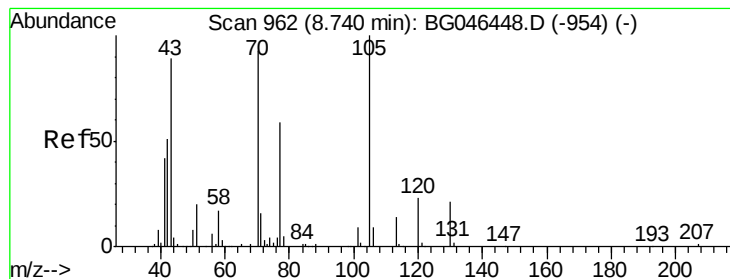
Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

71 31.8 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 14.090 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Instrument :

BNA_G

ClientSampleId :

20071

Tot Ion: 70 Resp: 58179

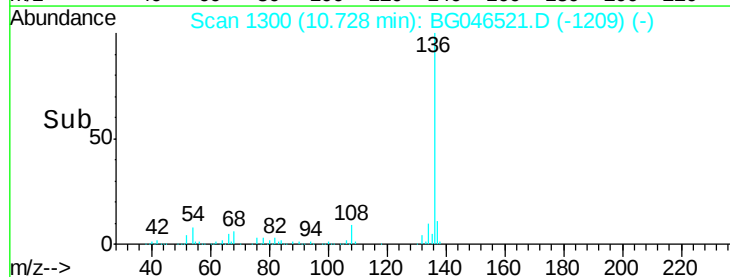
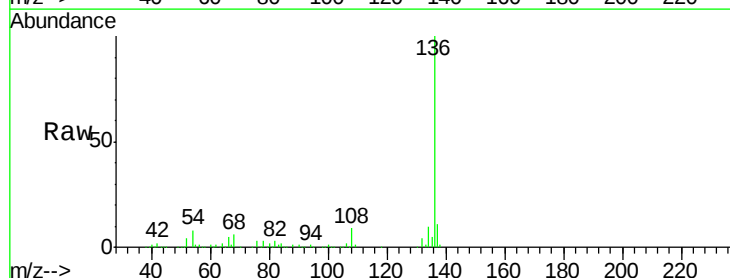
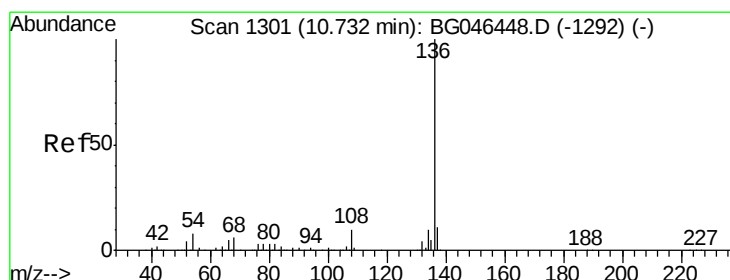
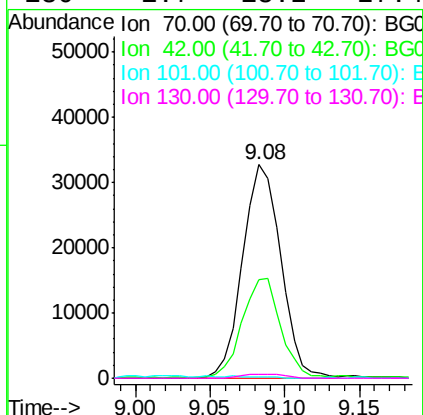
Ion Ratio Lower Upper

70 100

42 46.0 44.2 66.2

101 0.5 7.8 11.8#

130 1.7 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Tgt Ion: 136 Resp: 327069

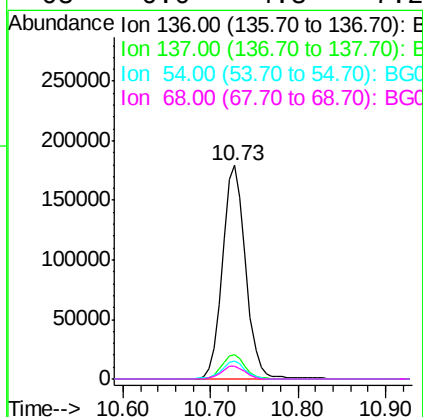
Ion Ratio Lower Upper

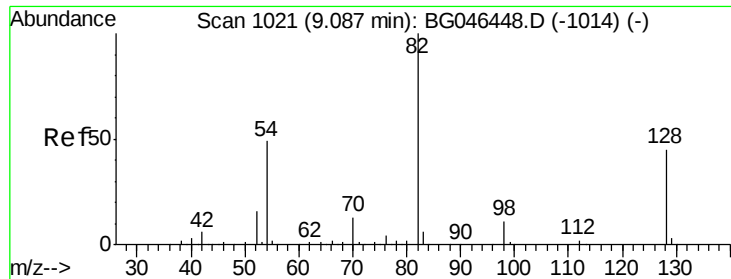
136 100

137 11.3 8.8 13.2

54 8.1 6.1 9.1

68 6.0 4.8 7.2

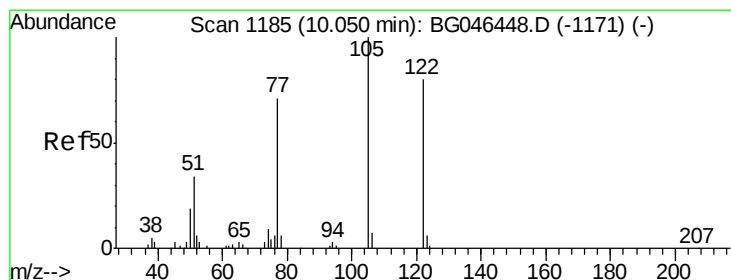
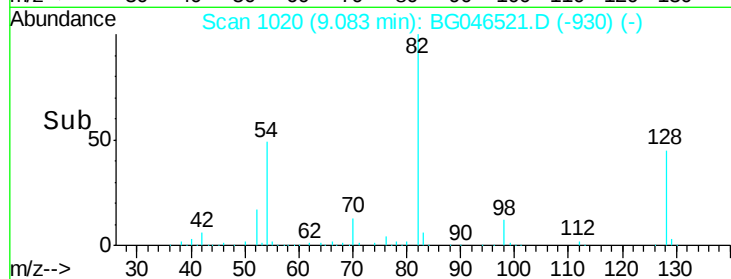
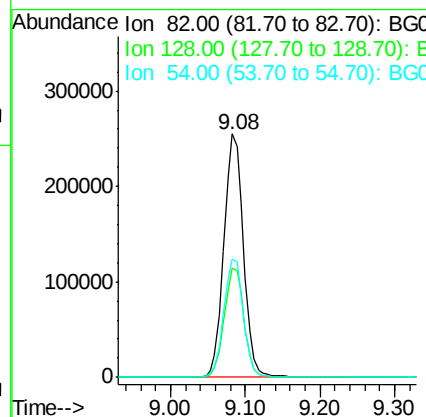
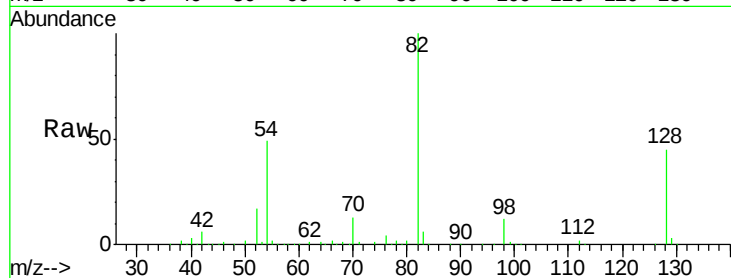




#23
 Nitrobenzene-d5
 Concen: 81.258 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

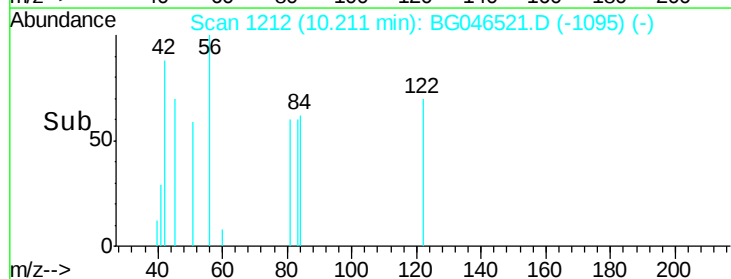
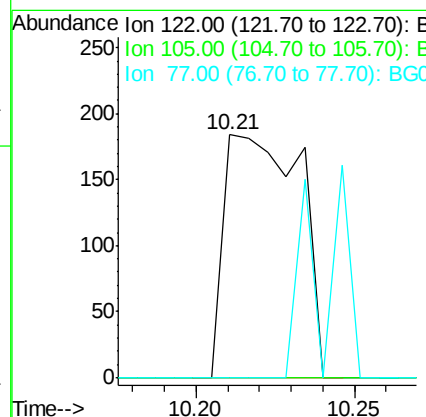
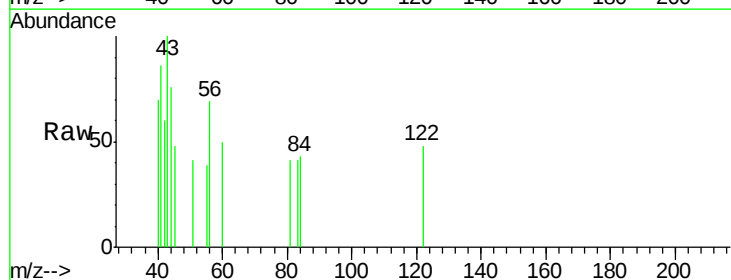
Instrument :
 BNA_G
 ClientSampleId :
 20071

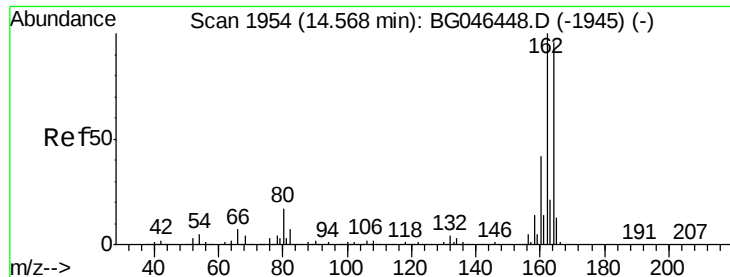
Tot Ion	82	Resp	464995
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.7	53.5
54	48.8	39.4	59.0



#32
 Benzoic acid
 Concen: 4.589 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.15 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Tgt Ion	122	Resp	304
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	0.0	102.5	142.5#
77	0.0	68.2	108.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Instrument :

BNA_G

ClientSampleId :

20071

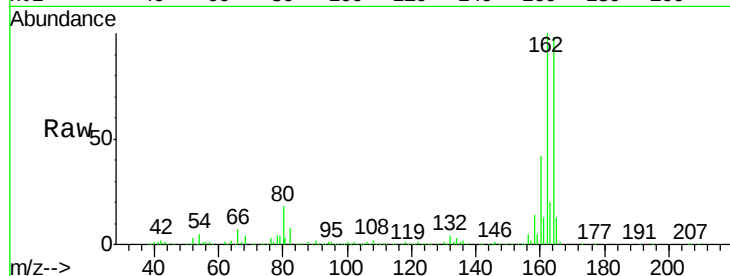
Tot Ion:164 Resp: 206076

Ion Ratio Lower Upper

164 100

162 102.4 83.3 124.9

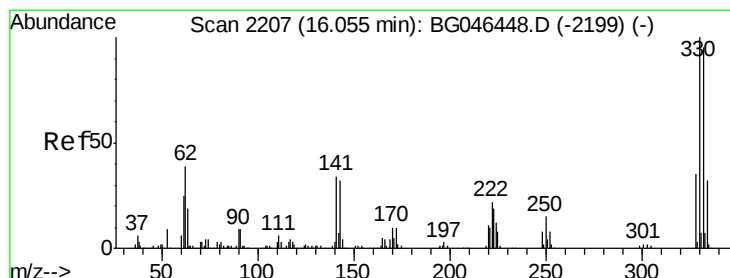
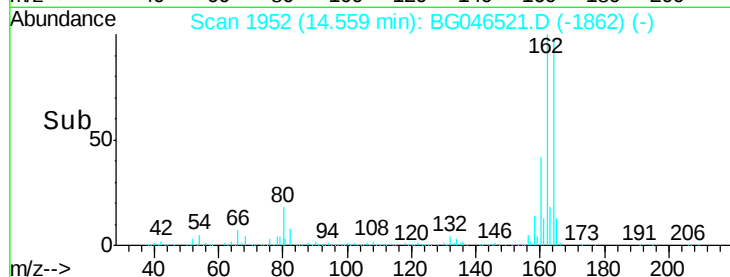
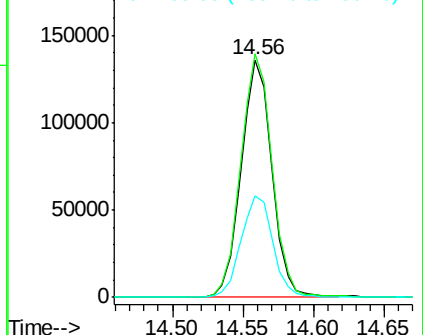
160 42.8 35.0 52.6



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: 97.293 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

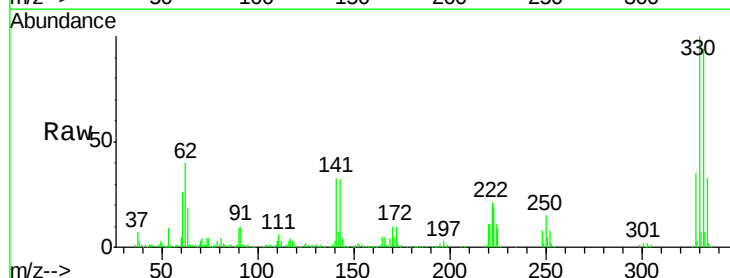
Tgt Ion:330 Resp: 271659

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

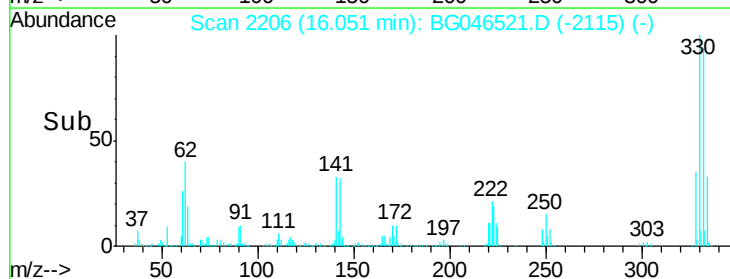
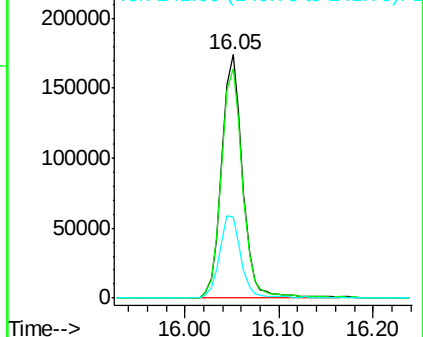
141 33.9 26.1 39.1

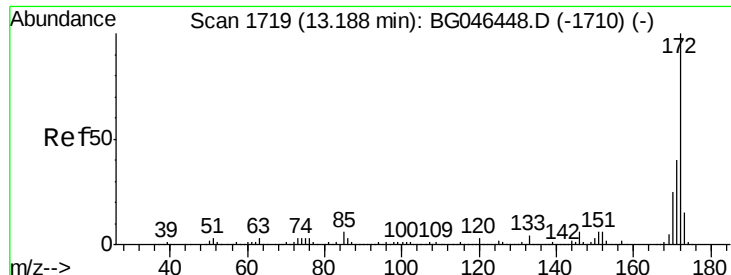


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

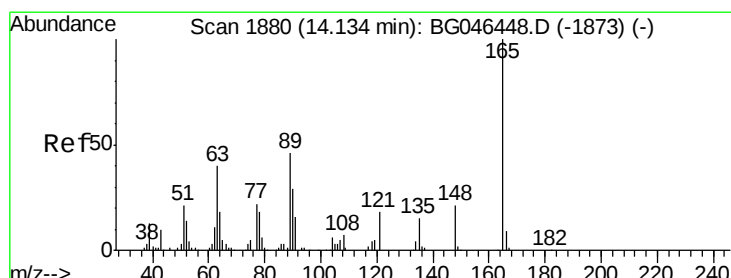
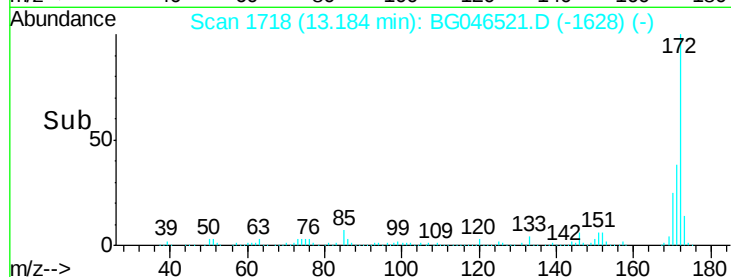
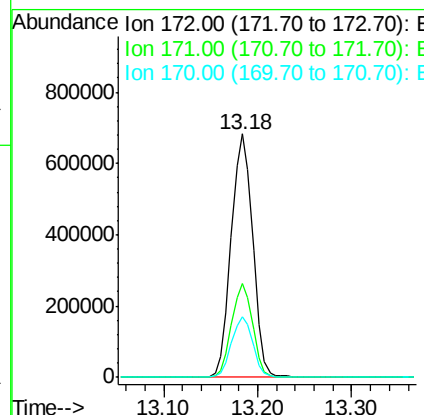
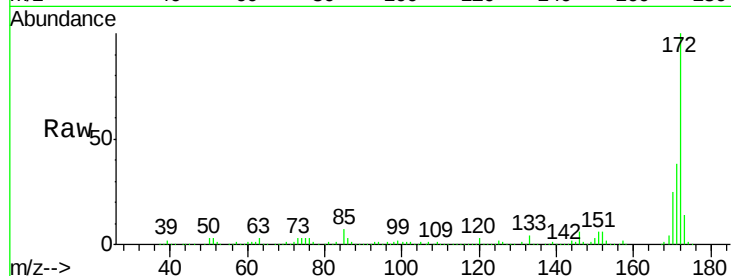




#45
 2-Fluorobiphenyl
 Concen: 81.014 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

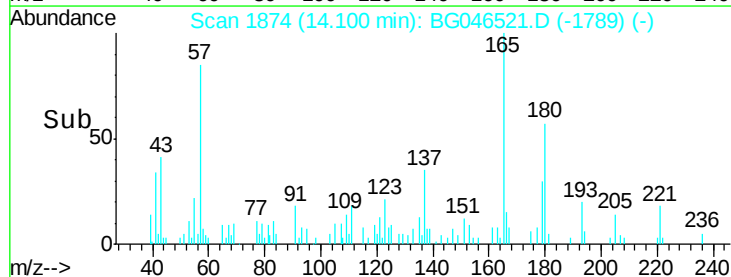
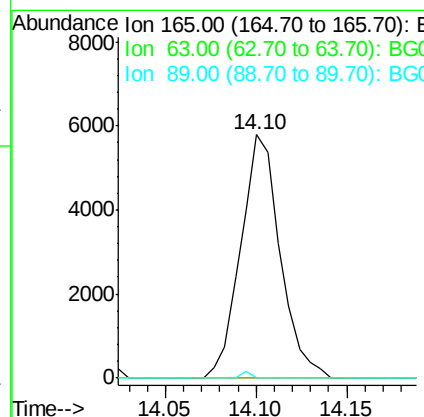
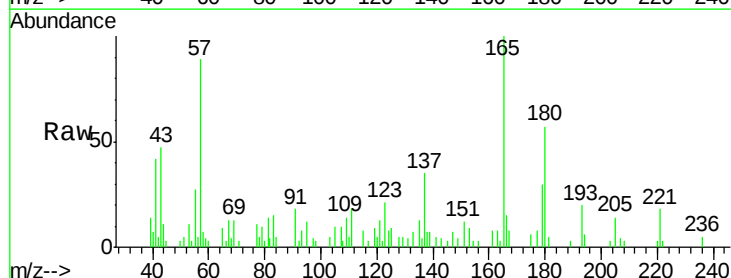
Instrument :
 BNA_G
 ClientSampleId :
 20071

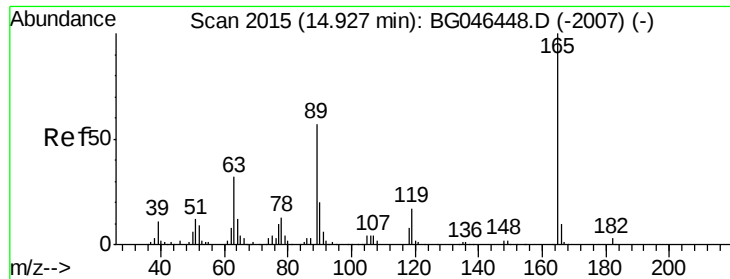
Tot Ion:172 Resp: 1093633
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.8 47.6
 170 24.7 20.3 30.5



#51
 2,6-Dinitrotoluene
 Concen: 2.485 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.03 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Tgt Ion:165 Resp: 8735
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.2 51.4#
 89 0.0 37.0 55.4#

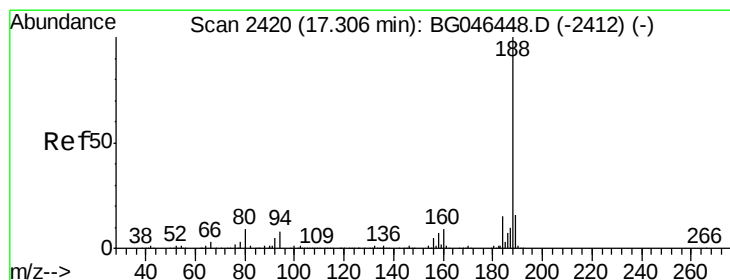
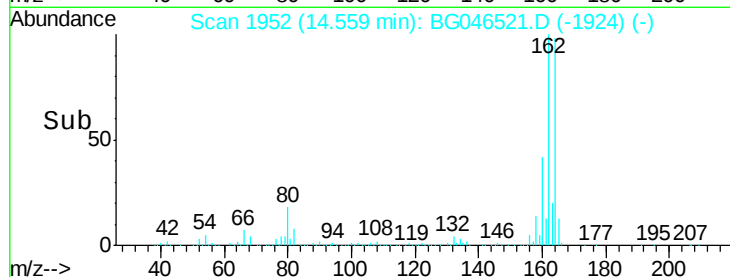
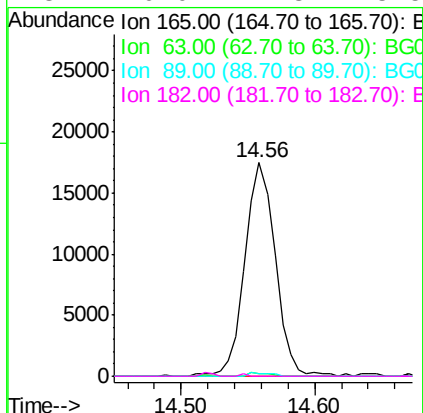
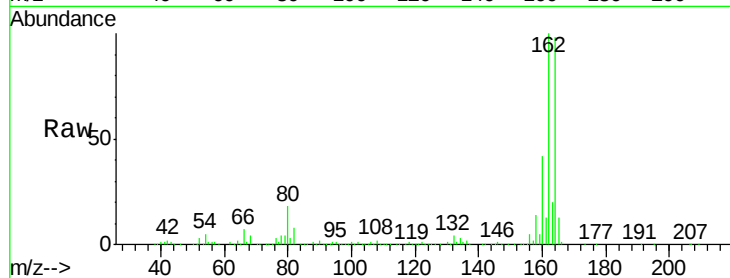




#57
 2,4-Dinitrotoluene
 Concen: 5.511 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

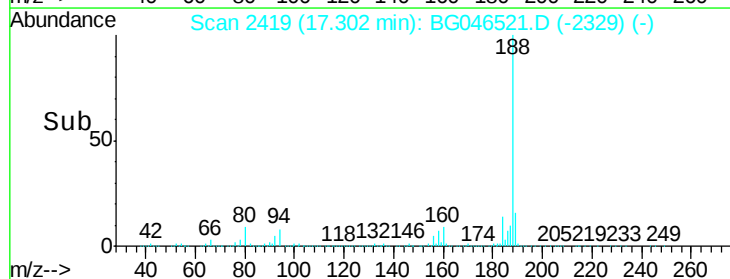
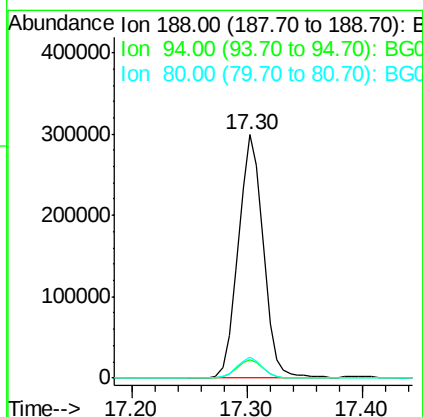
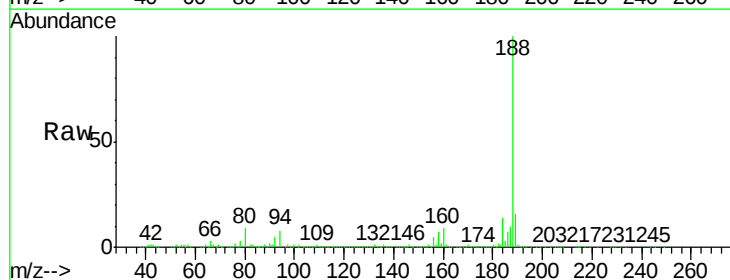
Instrument :
 BNA_G
 ClientSampled :
 20071

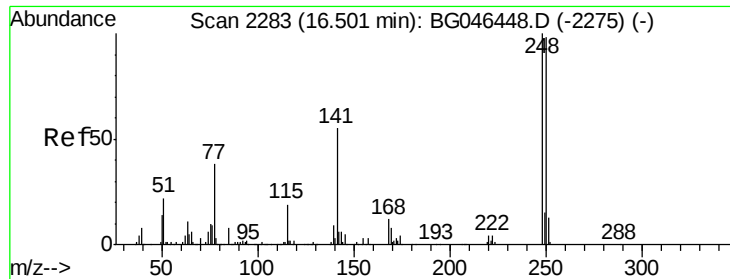
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.1	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	8.8	6.9	10.3

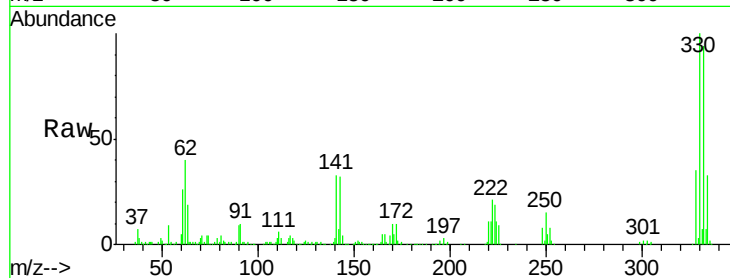




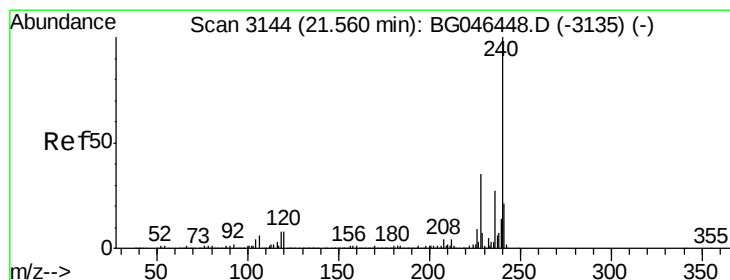
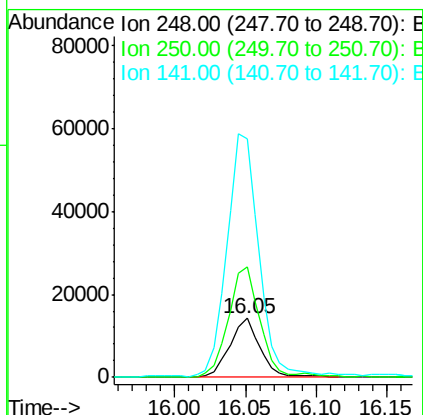
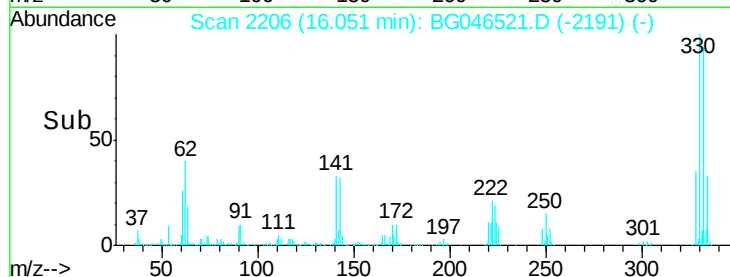
#67
4-Bromophenyl-phenylether
Concen: 4.045 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.44 min
Lab File: BG046521.D
Acq: 3 Sep 2020 18:08

Instrument :
BNA_G
ClientSampleId :
20071

Tot Ion:248 Resp: 21179
Ion Ratio Lower Upper
248 100
250 188.5 78.6 118.0#
141 406.4 43.9 65.9#

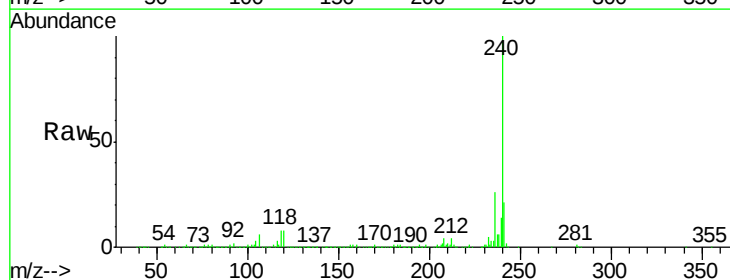


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

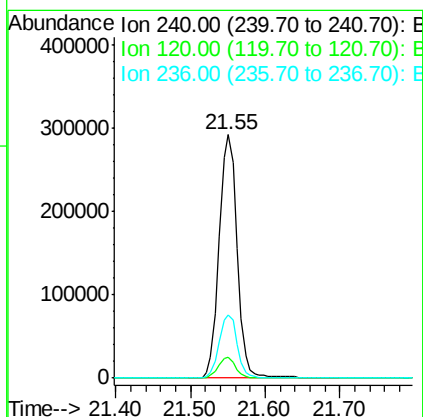
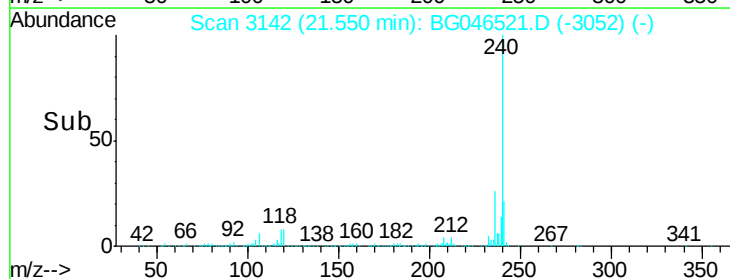


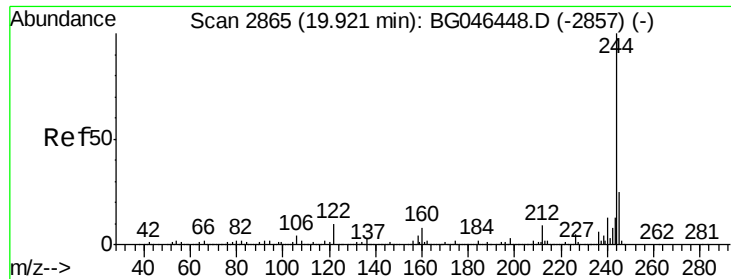
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046521.D
Acq: 3 Sep 2020 18:08

Tgt Ion:240 Resp: 491071
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 26.0 21.4 32.2



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





#79

Terphenyl-d14

Concen: 68.887 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Instrument :

BNA_G

ClientSampleId :

20071

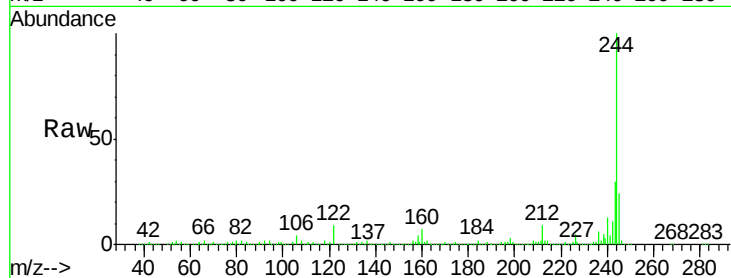
Tot Ion:244 Resp: 1589556

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

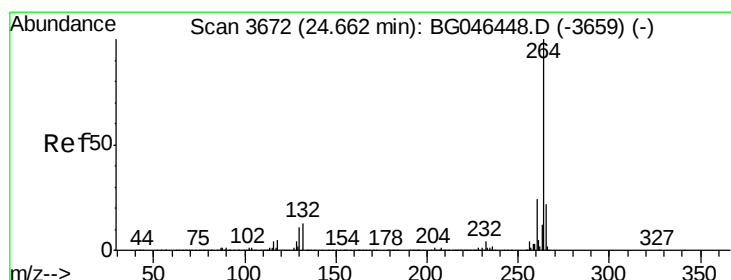
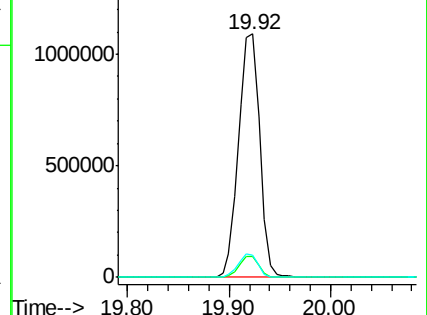
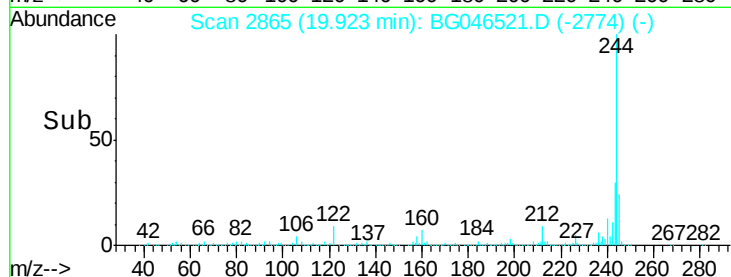
122 9.1 8.2 12.4



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: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

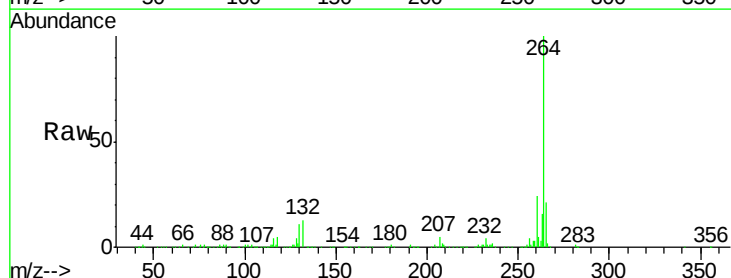
Tgt Ion:264 Resp: 495868

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.2 17.9 26.9



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

