

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046558.D
 Acq On : 8 Sep 2020 15:14
 Operator : CG/JU
 Sample : L3919-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Sep 08 16:53:25 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

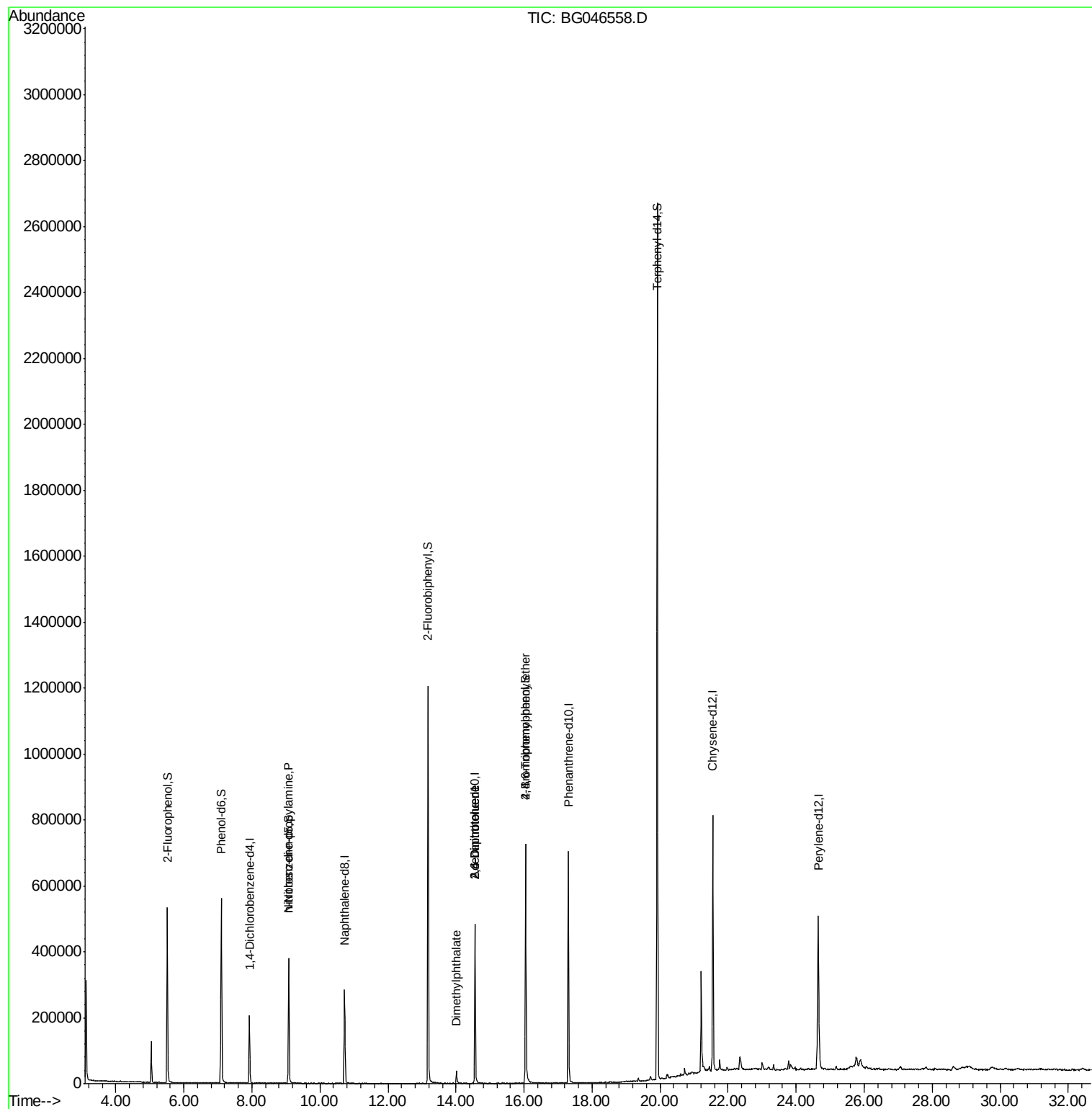
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	63020	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	261384	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187808	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	486946	20.00	ng	0.00
76) Chrysene-d12	21.55	240	499288	20.00	ng	0.00
86) Perylene-d12	24.65	264	491973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	259309	72.88	ng	0.00
7) Phenol-d6	7.10	99	373580	74.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	251580	55.01	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	166547	65.45	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	696059	56.58	ng	0.00
79) Terphenyl-d14	19.92	244	1203247	51.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	31932	10.584	ng	Qvalue # 77
50) Dimethylphthalate	14.01	163	34998	2.409	ng	98
51) 2,6-Dinitrotoluene	14.56	165	25237	7.880	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	25235	5.526	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	12749	2.244	ng	# 1

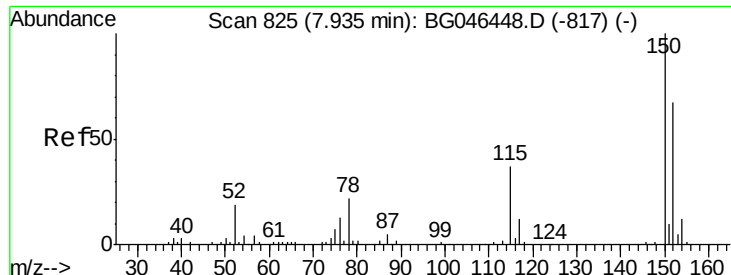
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



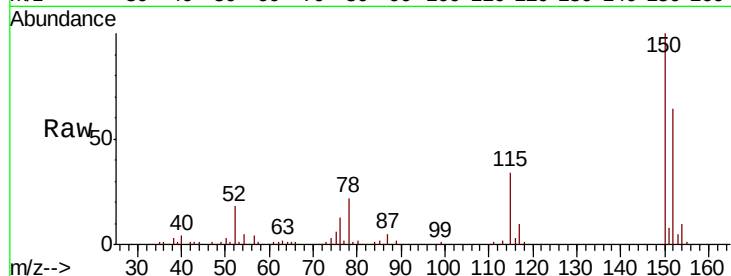


#1

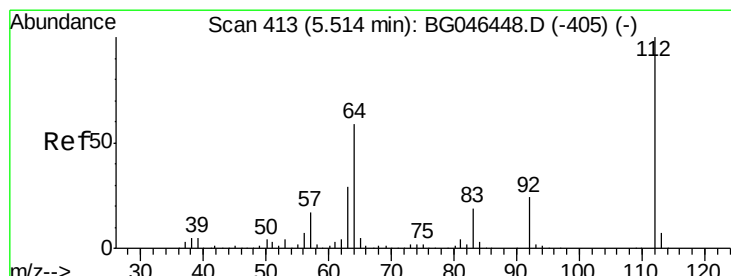
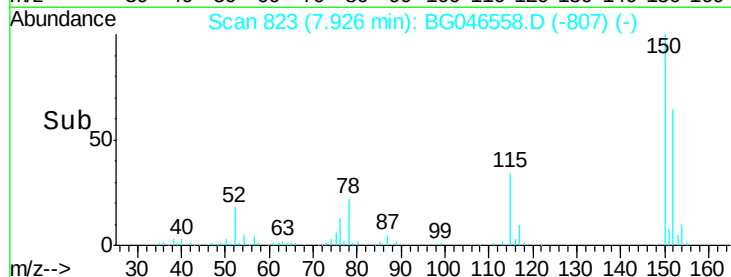
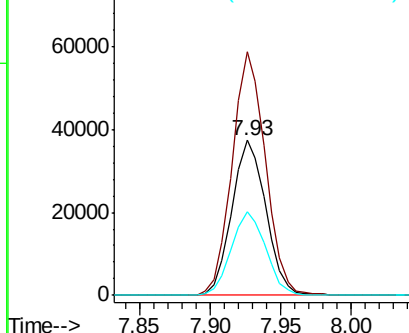
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Instrument :
BNA_G
ClientSampleId :
TP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.5	179.3
115	54.0	44.3	66.5



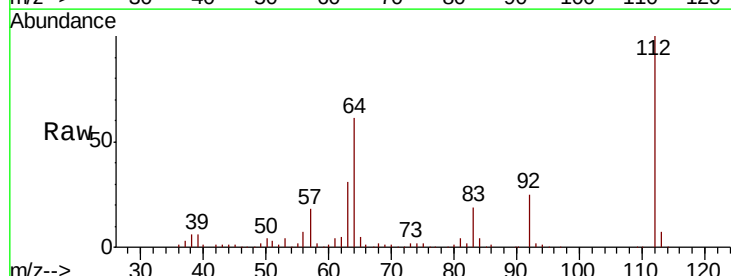
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



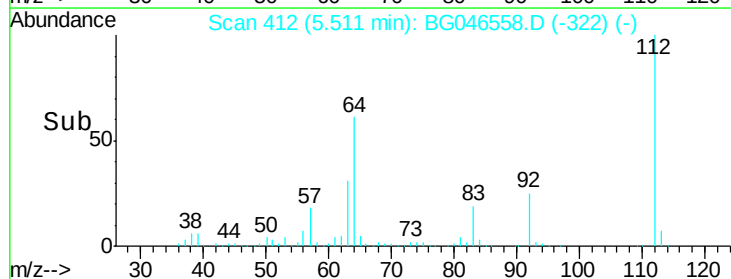
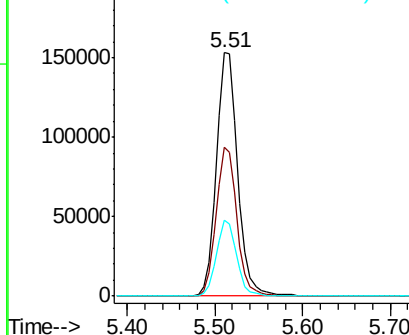
#5

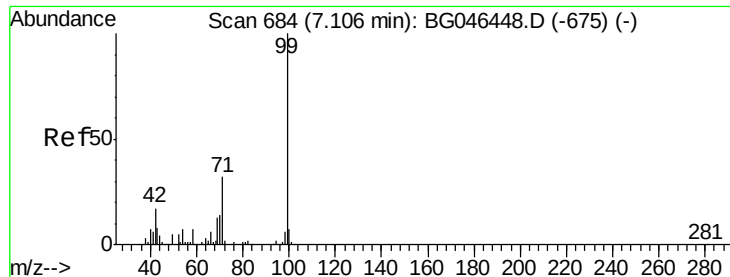
2-Fluorophenol
Concen: 72.879 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.0	70.6
63	31.3	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 74.065 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Instrument :

BNA_G

ClientSampleId :

TP-12

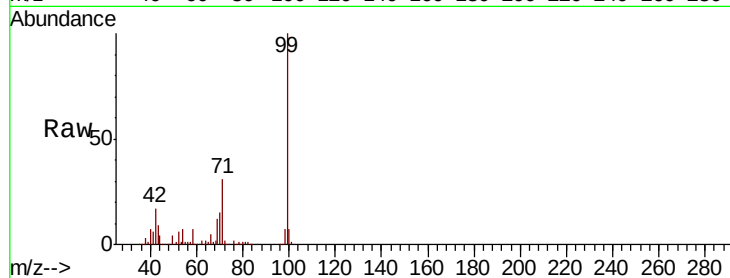
Tot Ion: 99 Resp: 373580

Ion Ratio Lower Upper

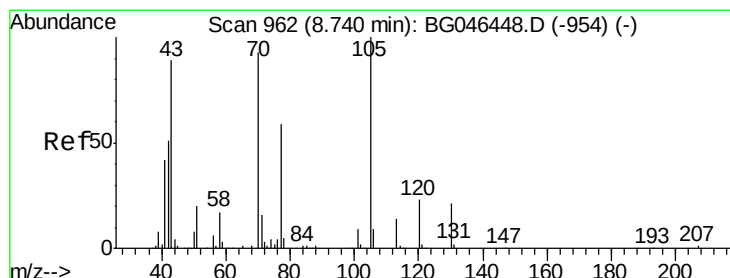
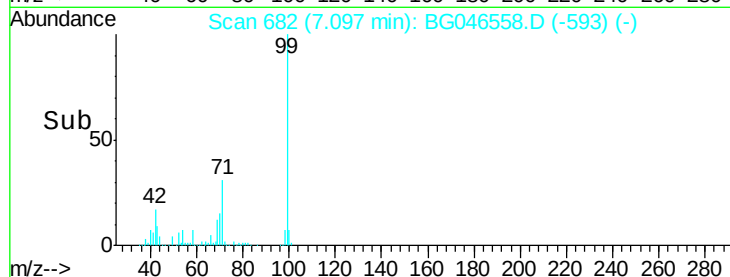
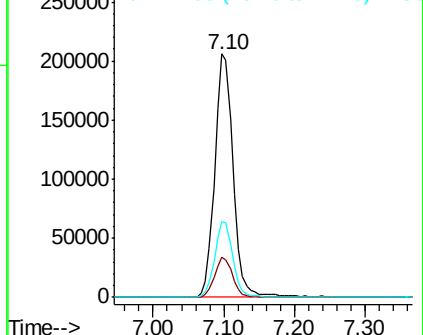
99 100

42 16.7 13.3 19.9

71 31.3 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: 10.584 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Tgt Ion: 70 Resp: 31932

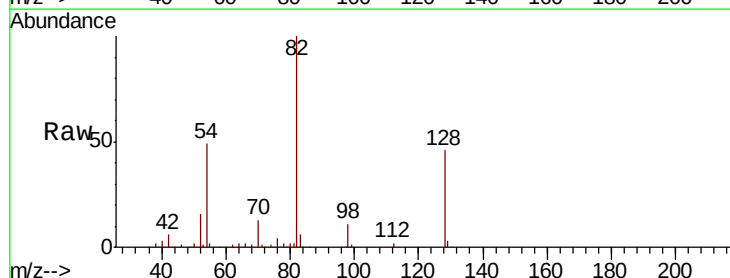
Ion Ratio Lower Upper

70 100

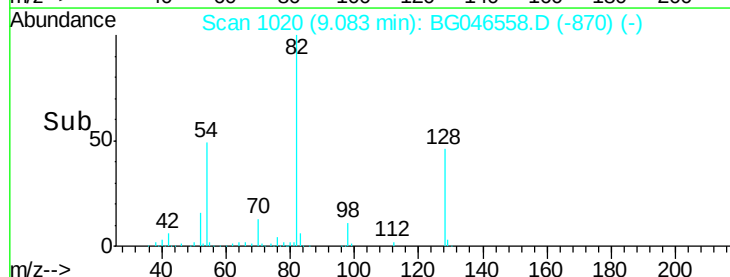
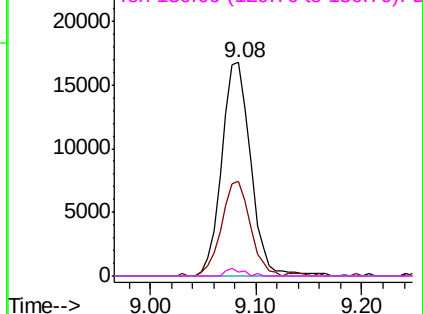
42 44.6 44.2 66.2

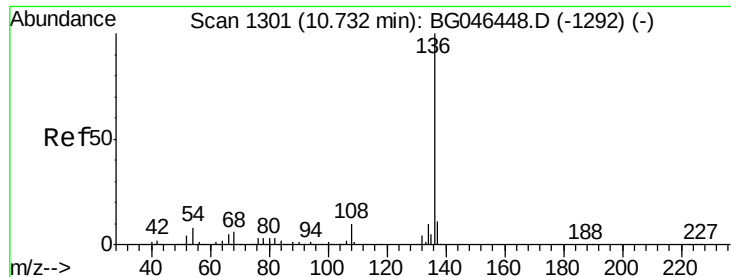
101 0.0 7.8 11.8#

130 2.0 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

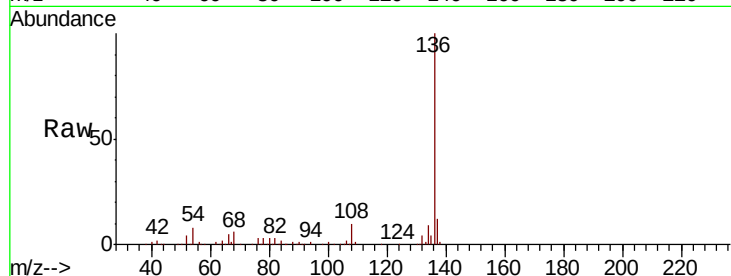




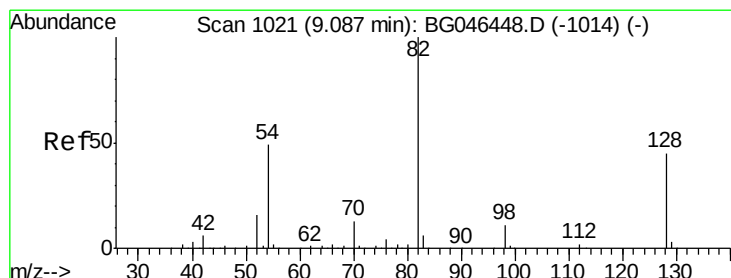
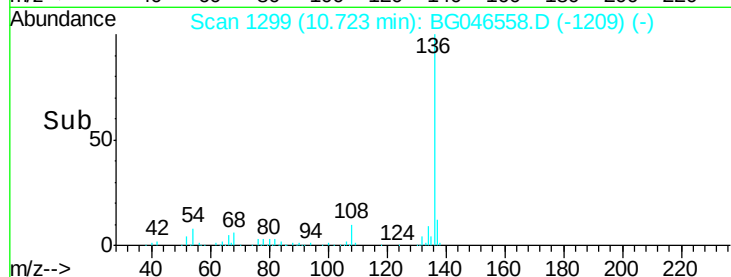
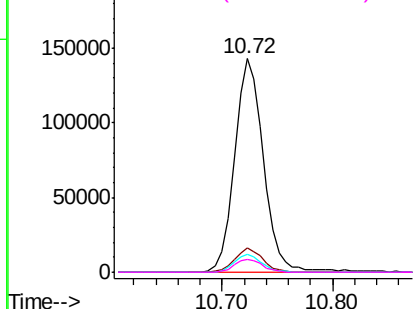
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Instrument :
BNA_G
ClientSampled :
TP-12

Tot Ion:136	Resp:	261384
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 8.1	6.1	9.1
68 5.9	4.8	7.2

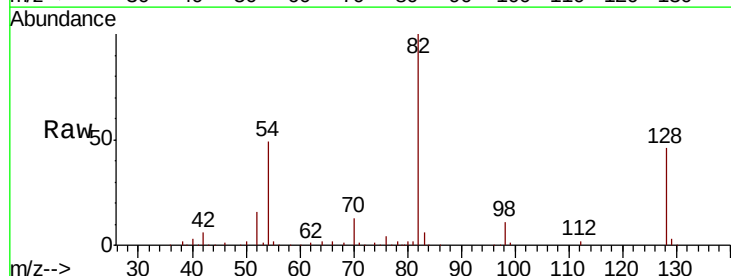


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

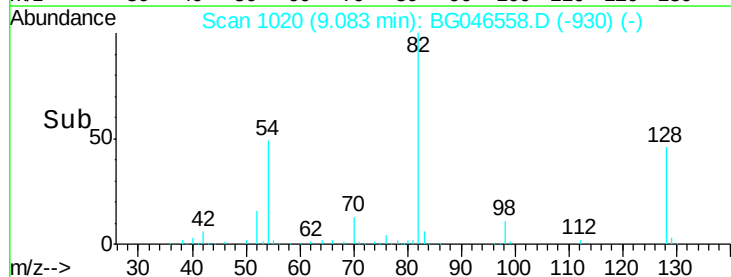
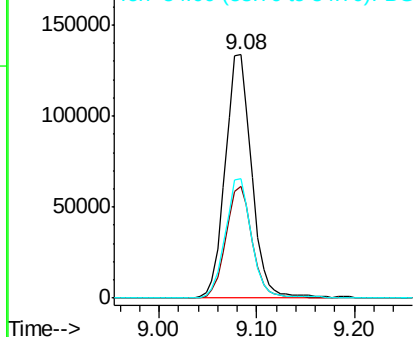


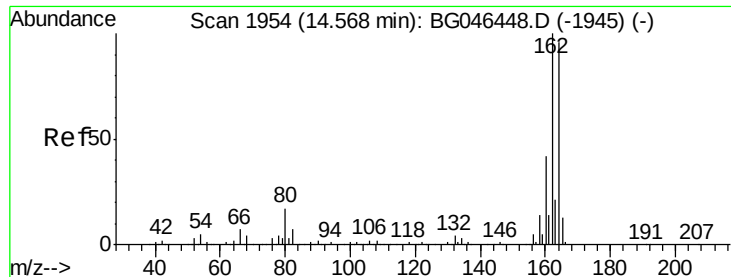
#23
Nitrobenzene-d5
Concen: 55.011 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Tgt Ion: 82	Resp: 251580
Ion Ratio	Lower Upper
82 100	
128 45.9	35.7 53.5
54 49.0	39.4 59.0



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: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Instrument :

BNA_G

ClientSampleId :

TP-12

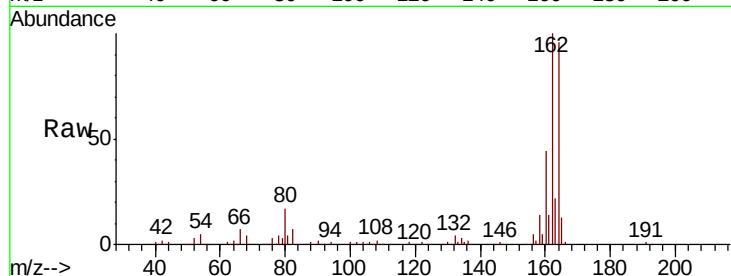
Tot Ion:164 Resp: 187808

Ion Ratio Lower Upper

164 100

162 103.7 83.3 124.9

160 45.5 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

14.56

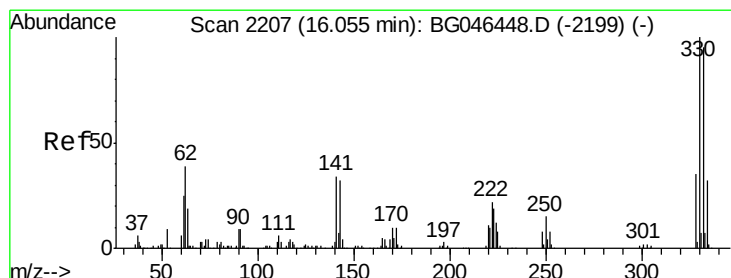
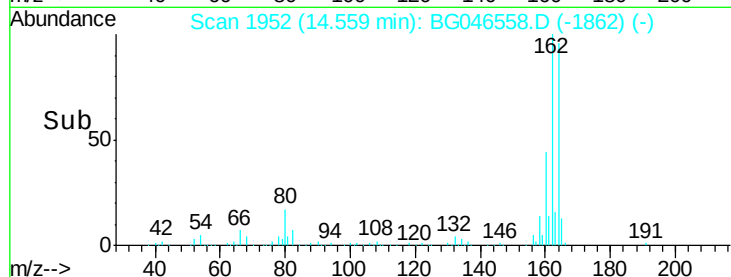
150000

100000

50000

0

Time-->



#42

2,4,6-Tribromophenol

Concen: 65.449 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

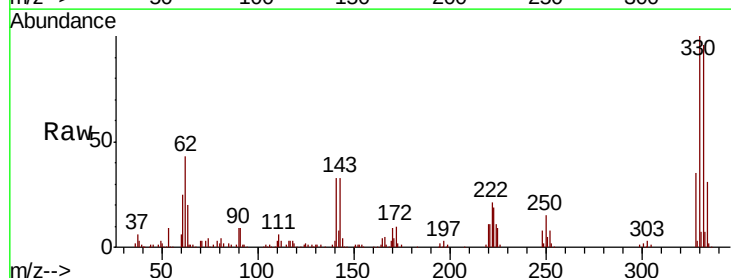
Tgt Ion:330 Resp: 166547

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

16.05

120000

100000

80000

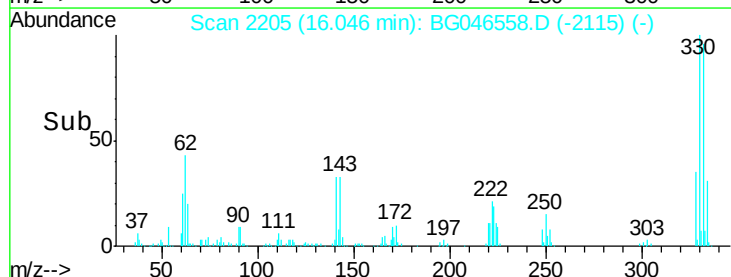
60000

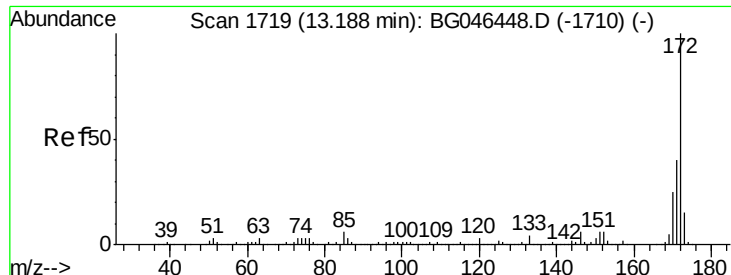
40000

20000

0

Time-->

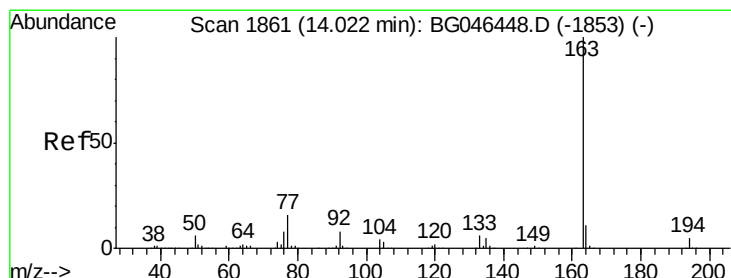
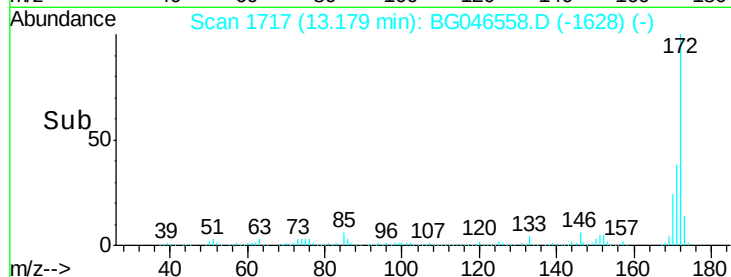
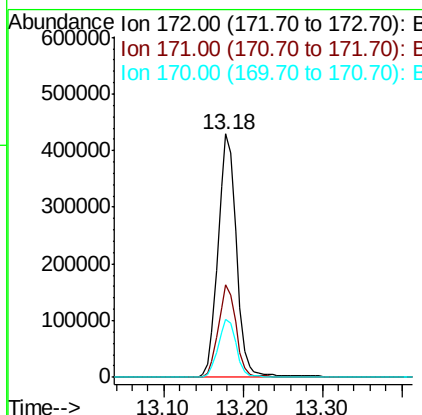
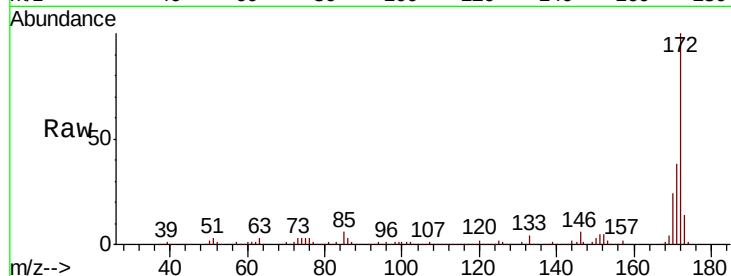




#45
2-Fluorobiphenyl
Concen: 56.578 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

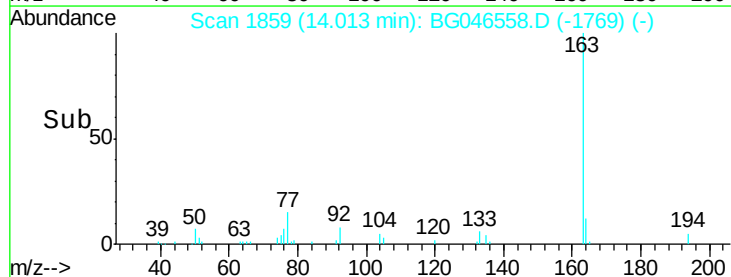
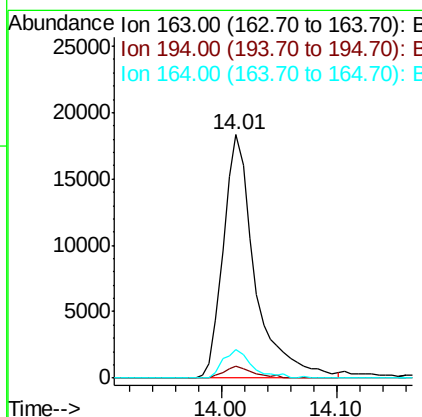
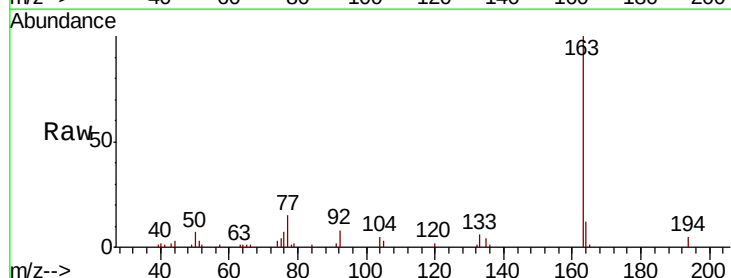
Instrument :
BNA_G
ClientSampleId :
TP-12

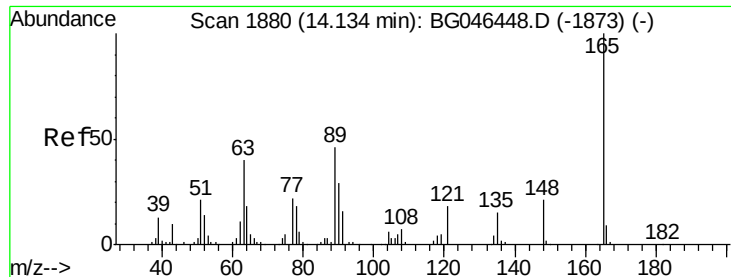
Tot Ion:172 Resp: 696059
Ion Ratio Lower Upper
172 100
171 37.8 31.8 47.6
170 24.1 20.3 30.5



#50
Dimethylphthalate
Concen: 2.409 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Tgt Ion:163 Resp: 34998
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 11.5 8.6 12.8

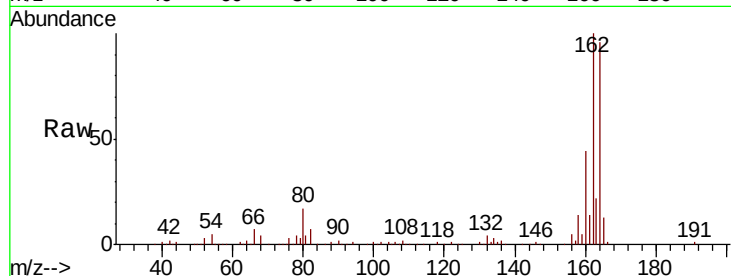




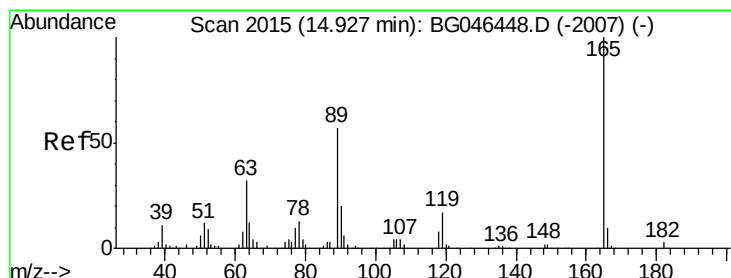
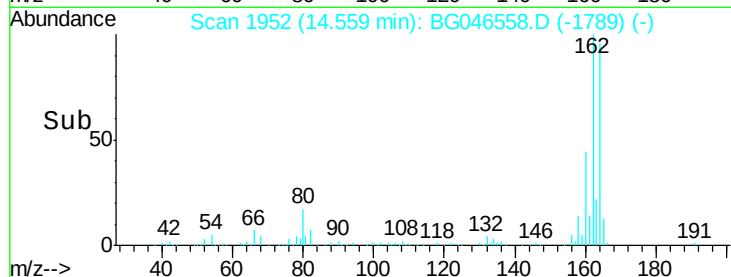
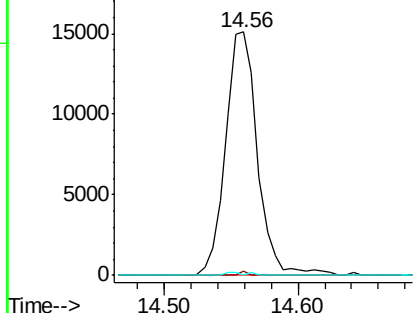
#51
 2,6-Dinitrotoluene
 Concen: 7.880 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.43 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.2	51.4#
89	0.0	37.0	55.4#

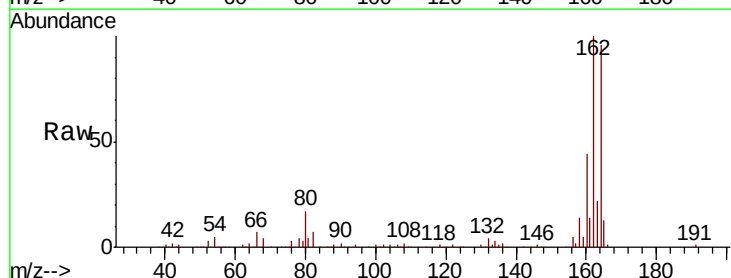


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

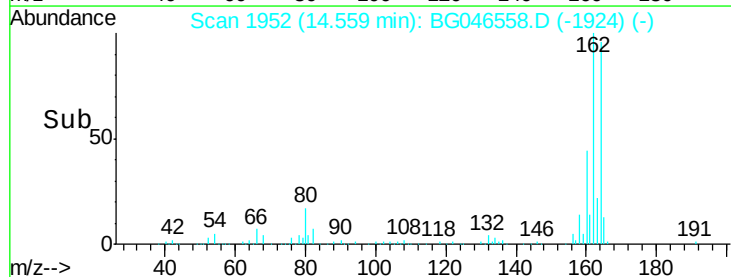
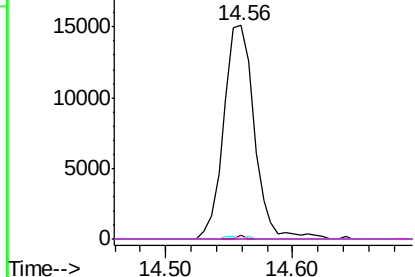


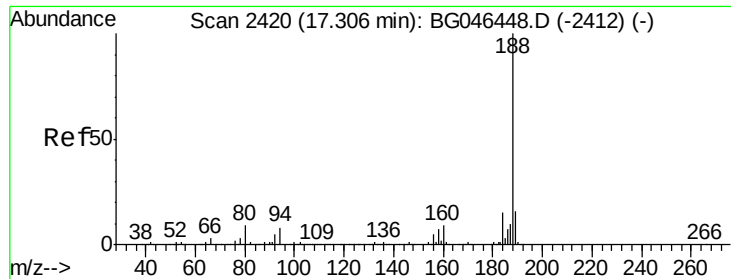
#57
 2,4-Dinitrotoluene
 Concen: 5.526 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	0.0	45.9	68.9#
182	0.0	2.3	3.5#



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

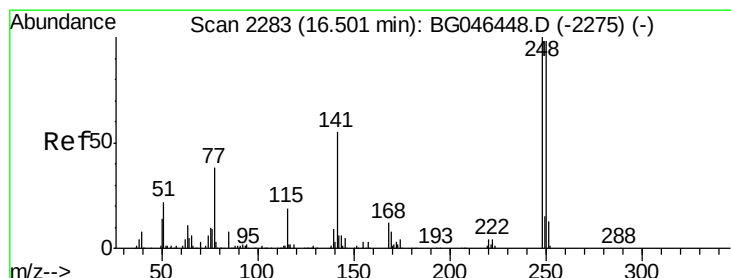
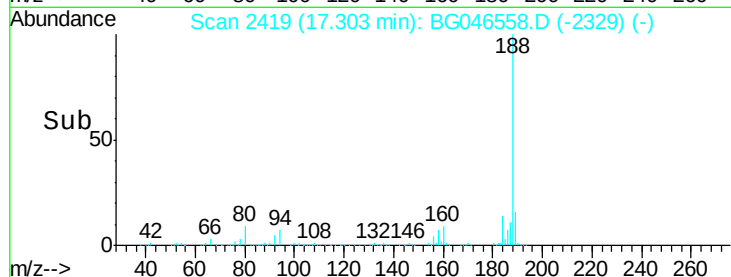
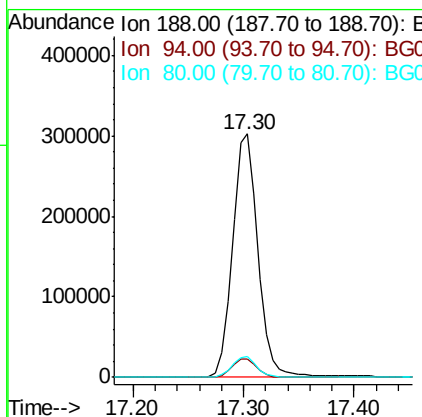
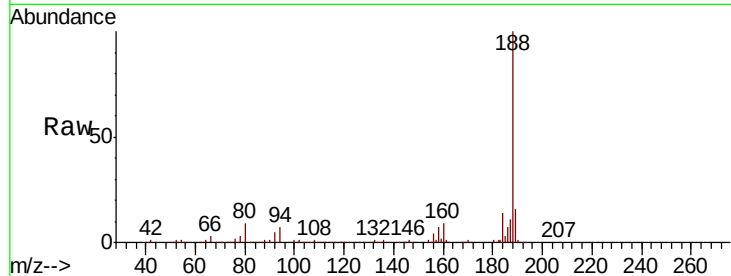




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

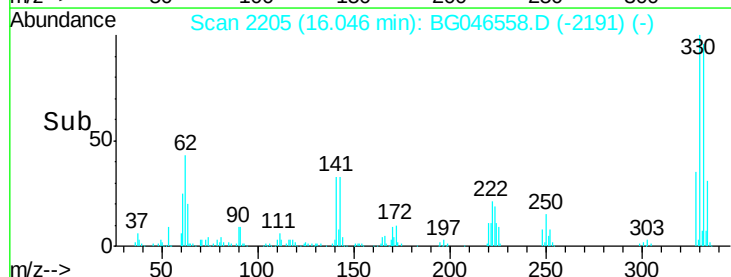
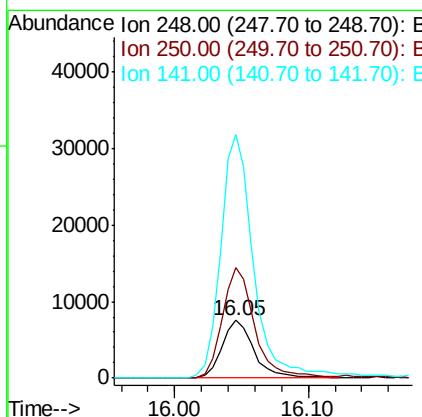
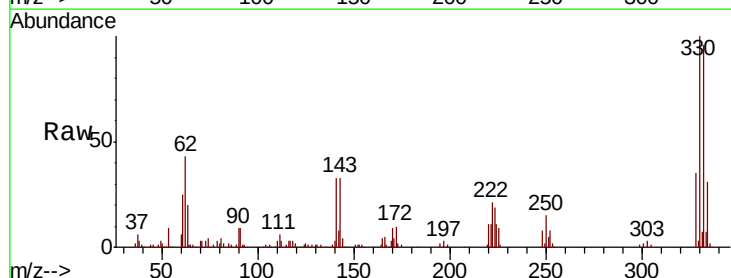
Instrument :
BNA_G
ClientSampleId :
TP-12

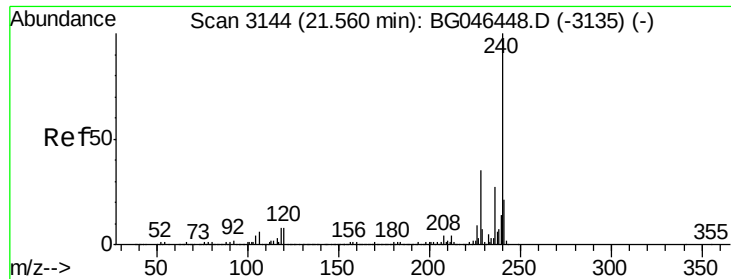
Tot Ion:188 Resp: 486946
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.6 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 2.244 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Tgt Ion:248 Resp: 12749
Ion Ratio Lower Upper
248 100
250 191.3 78.6 118.0#
141 420.5 43.9 65.9#

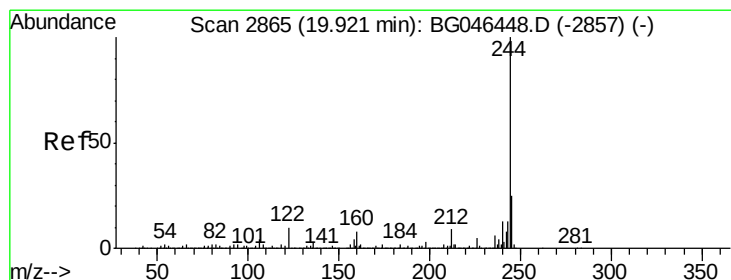
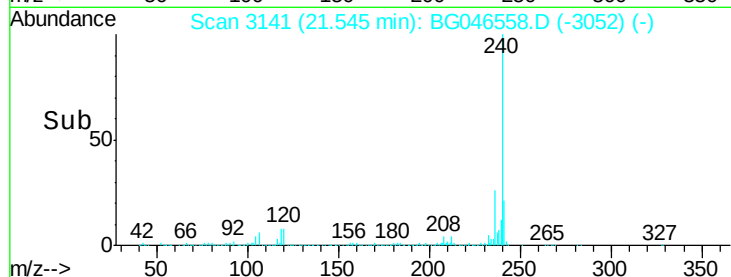
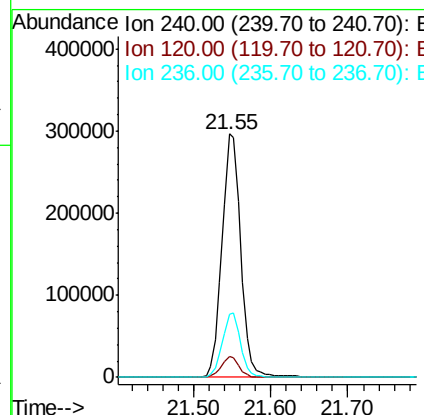
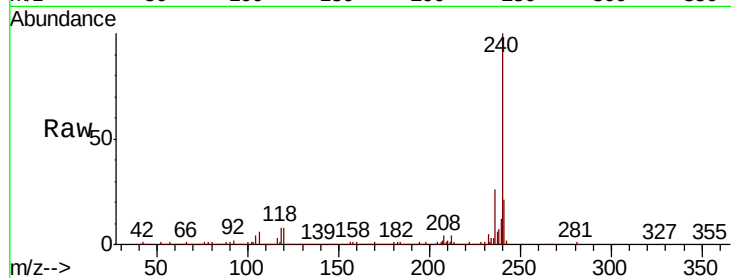




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

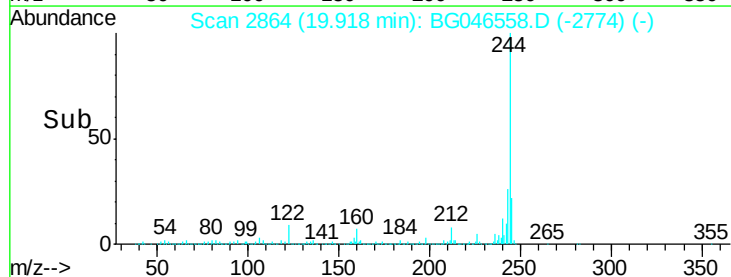
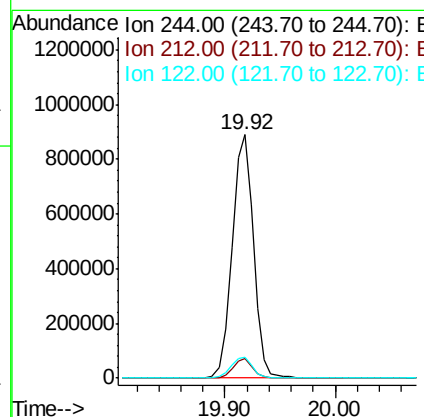
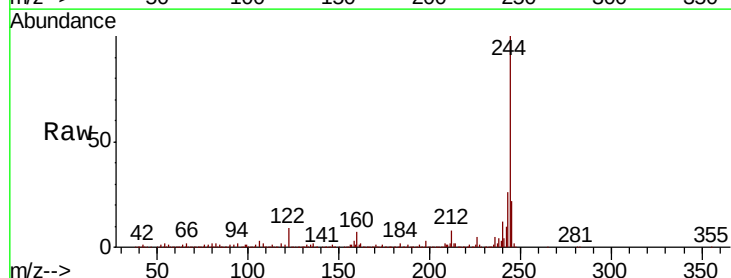
Instrument :
 BNA_G
 ClientSampleId :
 TP-12

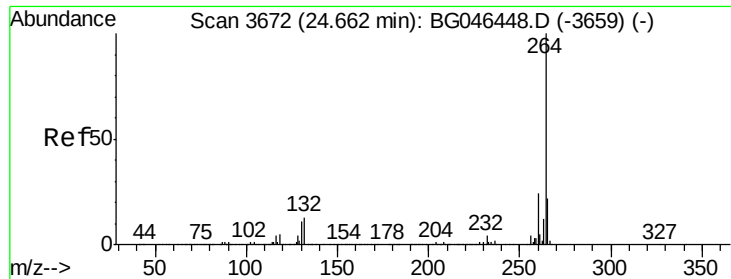
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	25.7	21.4	32.2



#79
 Terphenyl-d14
 Concen: 51.288 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	8.8	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: BG046558.D
 Acq: 8 Sep 2020 15:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tot Ion:	264	Resp:	491973
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.9	26.9

