

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046555.D
 Acq On : 8 Sep 2020 13:15
 Operator : CG/JU
 Sample : L3919-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Sep 08 14:32:50 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

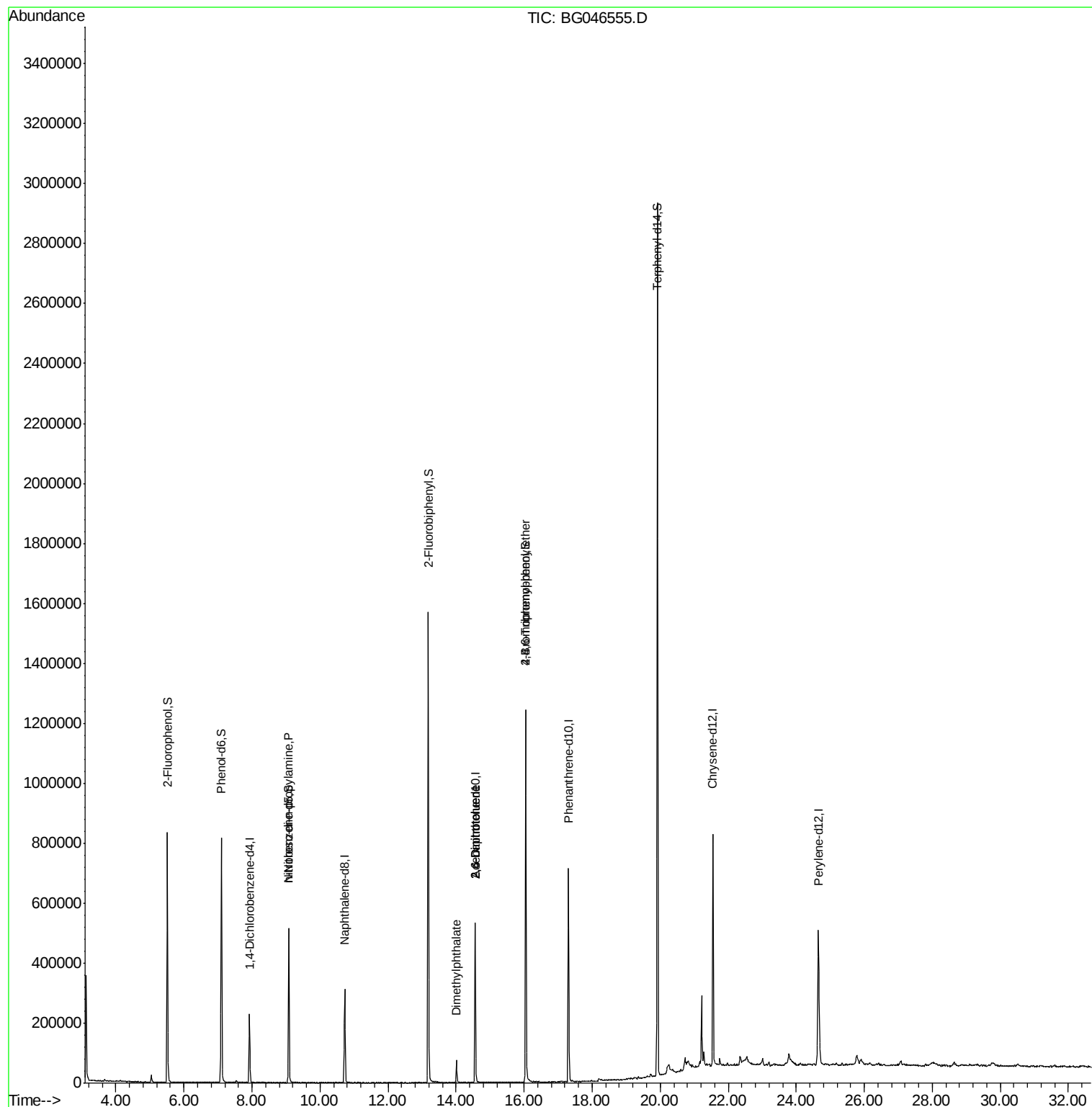
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72479	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	285010	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199193	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	498377	20.00	ng	0.00
76) Chrysene-d12	21.55	240	494795	20.00	ng	0.00
86) Perylene-d12	24.65	264	484330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	389468	95.18	ng	0.00
7) Phenol-d6	7.10	99	512290	88.31	ng	0.00
23) Nitrobenzene-d5	9.08	82	334317	67.04	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	251235	93.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	868870	66.59	ng	0.00
79) Terphenyl-d14	19.92	244	1353323	58.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	43246	12.463	ng	Qvalue # 78
50) Dimethylphthalate	14.01	163	63220	4.102	ng	98
51) 2,6-Dinitrotoluene	14.56	165	27196	8.006	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	27196	5.615	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	19397	3.336	ng	# 1

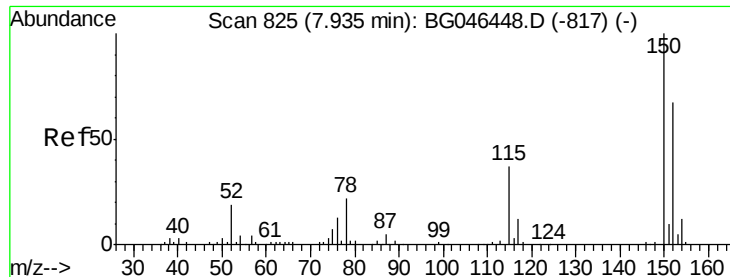
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



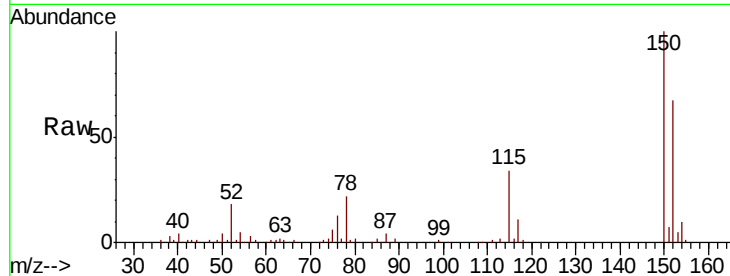


#1

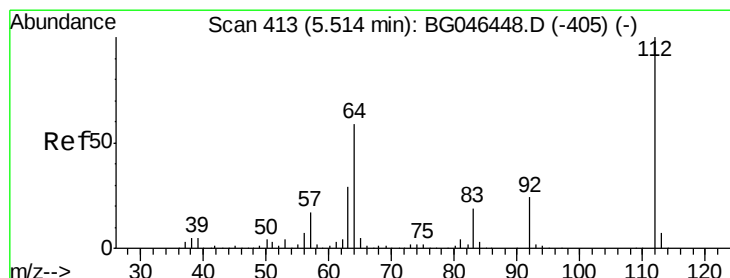
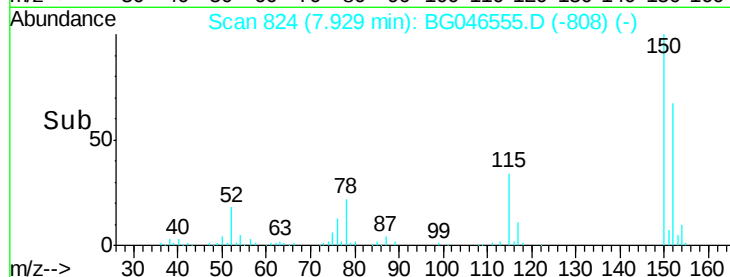
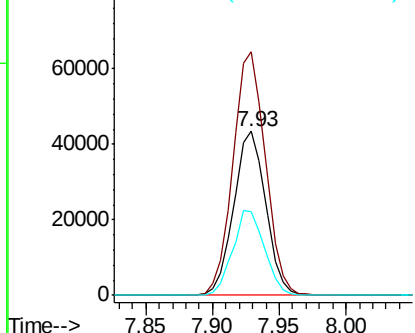
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Instrument :
BNA_G
ClientSampled :
TP-11

Tot Ion:152 Resp: 72479
Ion Ratio Lower Upper
152 100
150 148.3 119.5 179.3
115 51.0 44.3 66.5



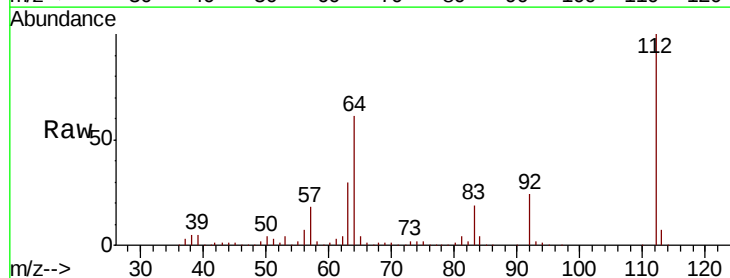
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



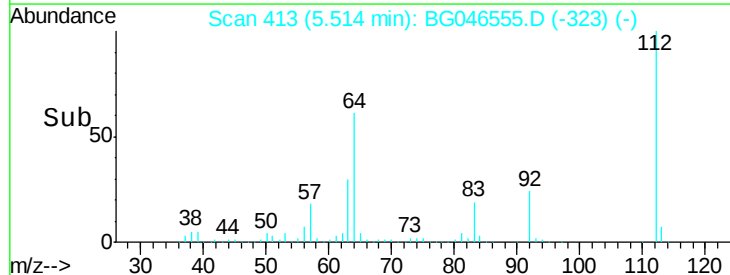
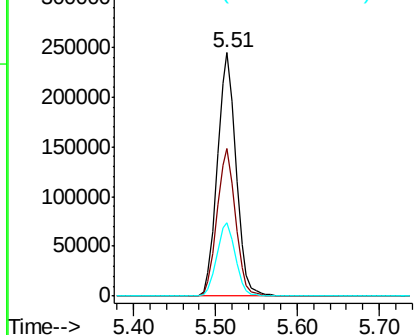
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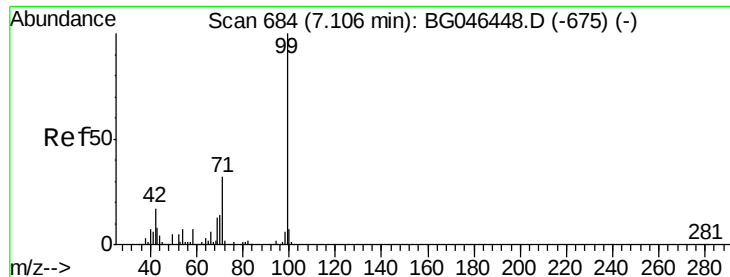
2-Fluorophenol
Concen: 95.175 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Tgt Ion:112 Resp: 389468
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 30.1 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 88.311 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046555.D

Acq: 8 Sep 2020 13:15

Instrument :

BNA_G

ClientSampleId :

TP-11

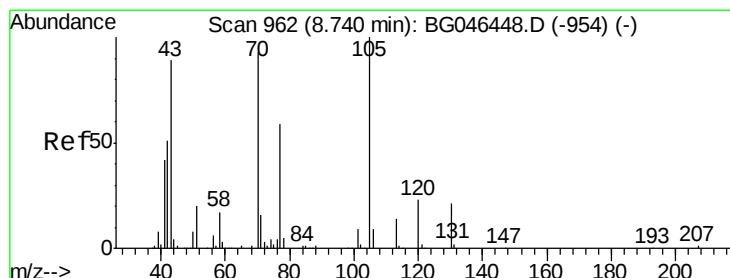
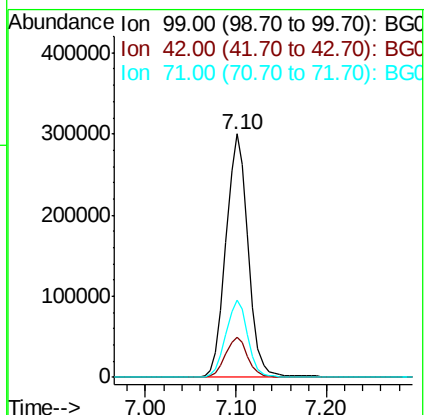
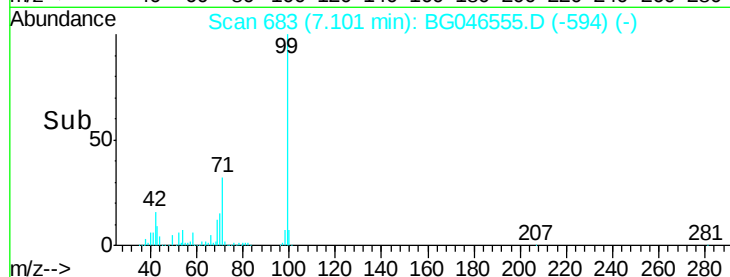
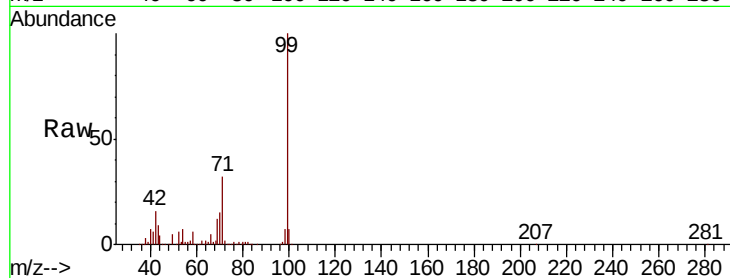
Tot Ion: 99 Resp: 512290

Ion Ratio Lower Upper

99 100

42 16.5 13.3 19.9

71 31.6 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.463 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046555.D

Acq: 8 Sep 2020 13:15

Tgt Ion: 70 Resp: 43246

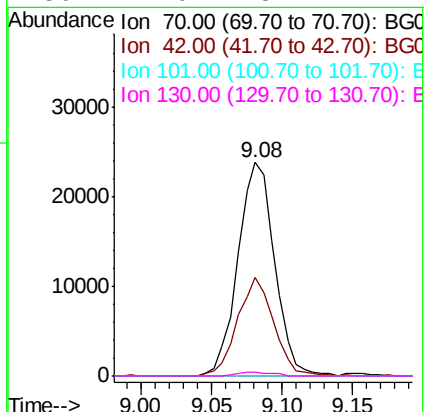
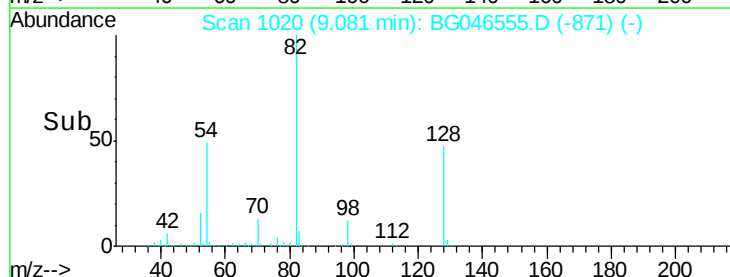
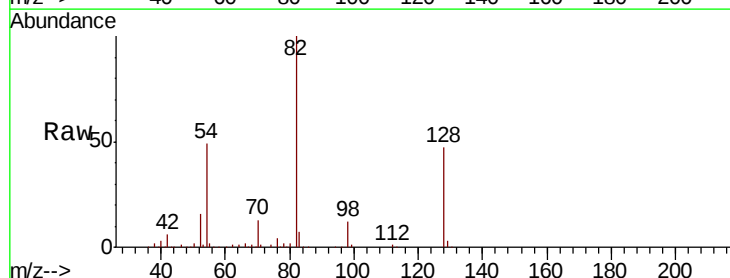
Ion Ratio Lower Upper

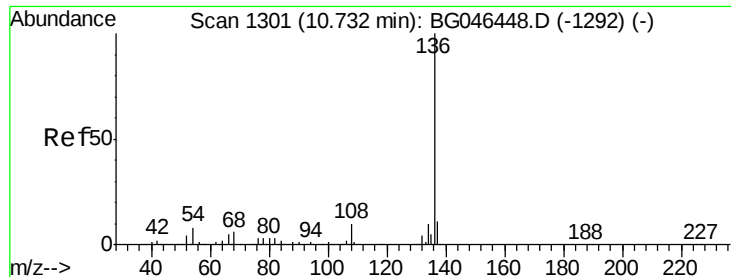
70 100

42 46.0 44.2 66.2

101 0.0 7.8 11.8#

130 2.0 18.2 27.4#

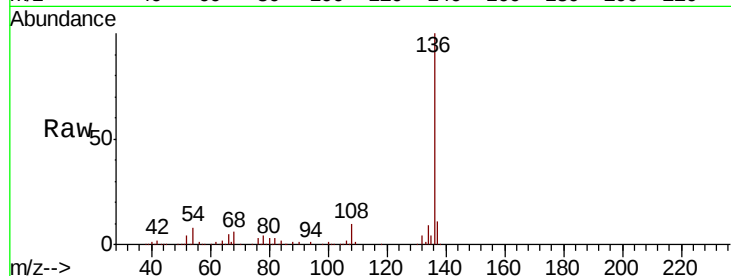




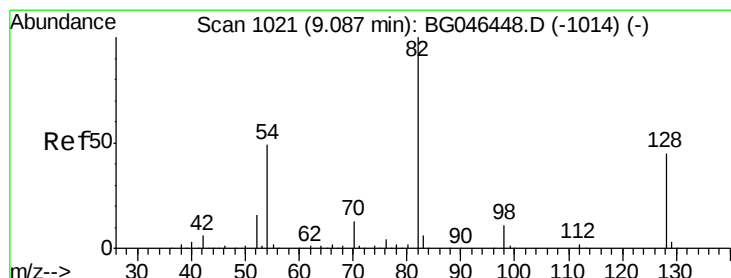
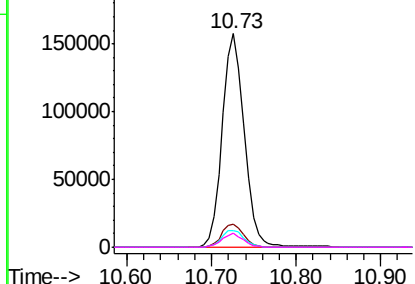
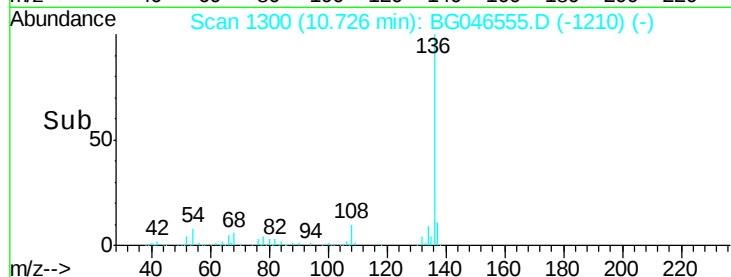
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Instrument :
BNA_G
ClientSampled :
TP-11

Tot Ion:136	Resp:	285010
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.9	6.1	9.1
68 6.4	4.8	7.2

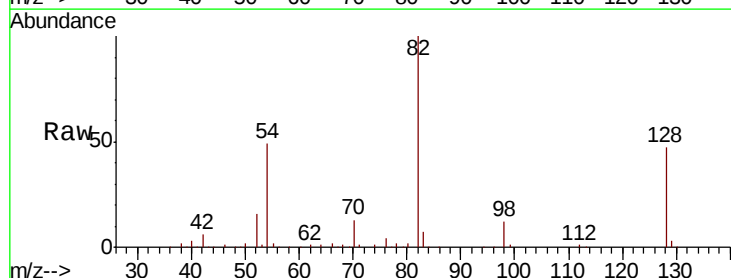


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

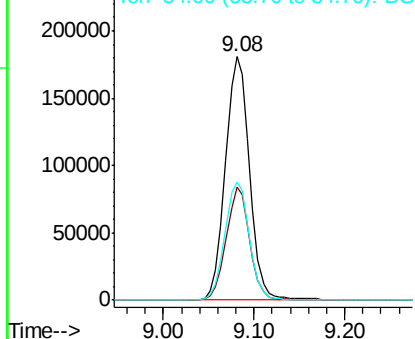
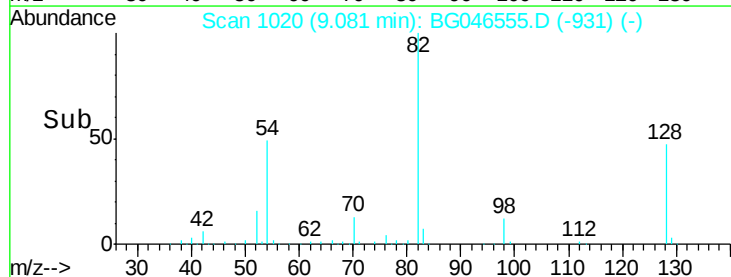


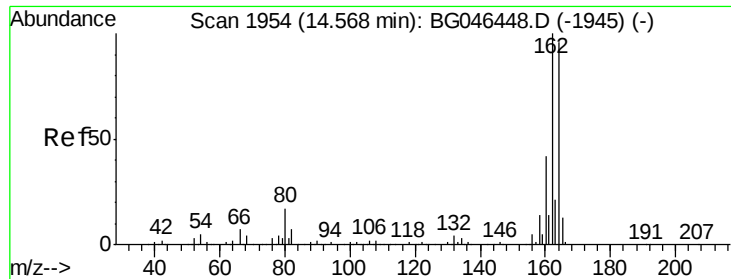
#23
Nitrobenzene-d5
Concen: 67.043 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Tgt	Ion: 82	Resp:	334317
Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.7	53.5
54	48.6	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

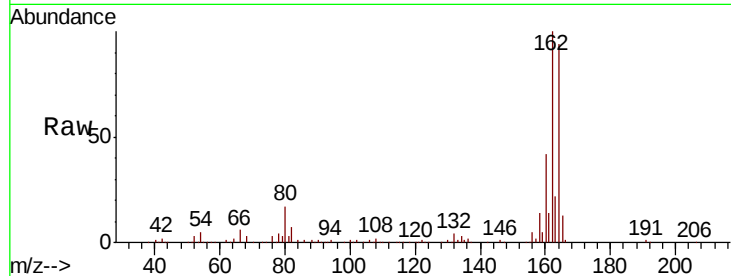




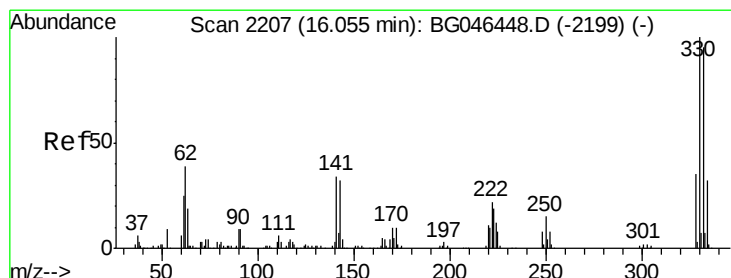
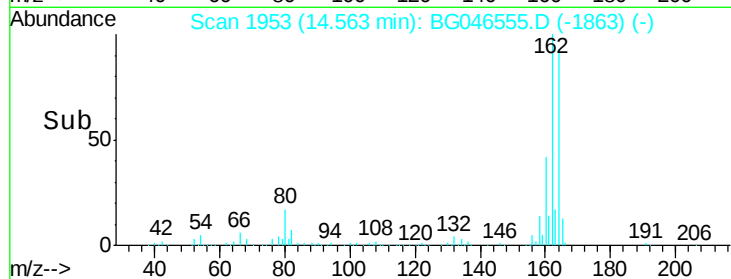
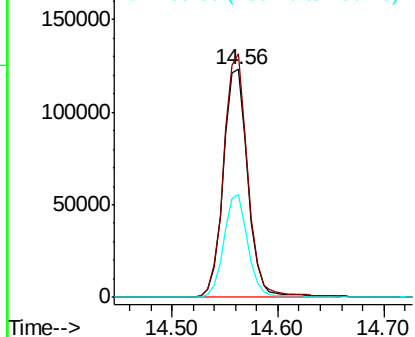
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Instrument :
BNA_G
ClientSampleId :
TP-11

Tot Ion:164 Resp: 199193
Ion Ratio Lower Upper
164 100
162 106.8 83.3 124.9
160 45.3 35.0 52.6

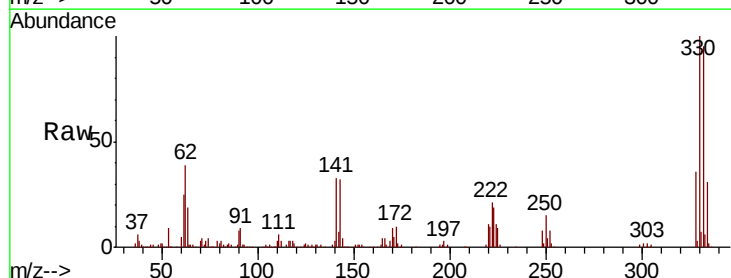


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

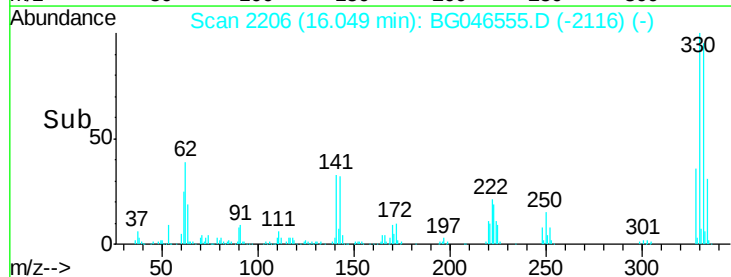
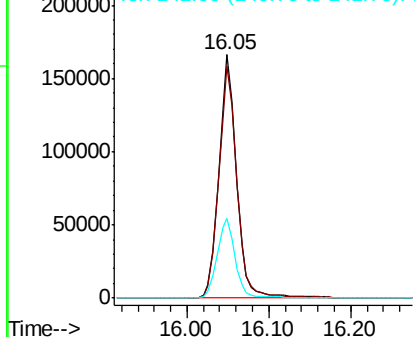


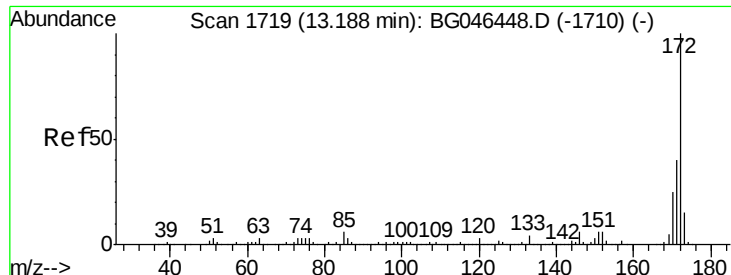
#42
2,4,6-Tribromophenol
Concen: 93.087 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Tgt Ion:330 Resp: 251235
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 33.7 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

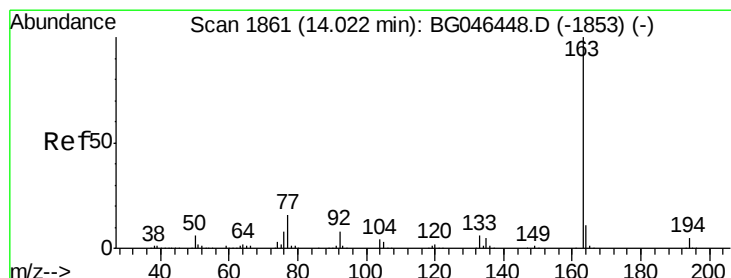
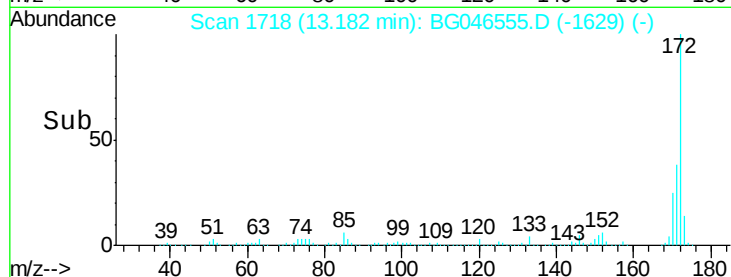
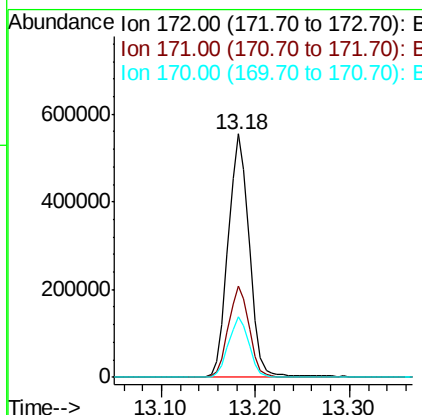
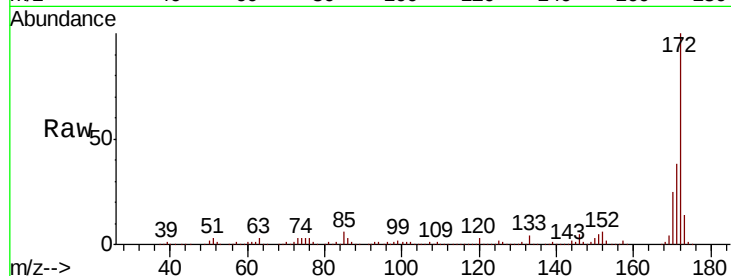




#45
2-Fluorobiphenyl
Concen: 66.588 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

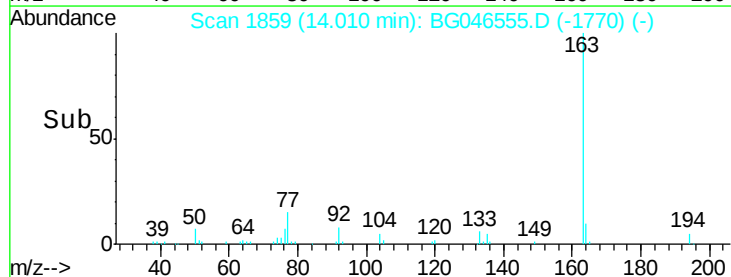
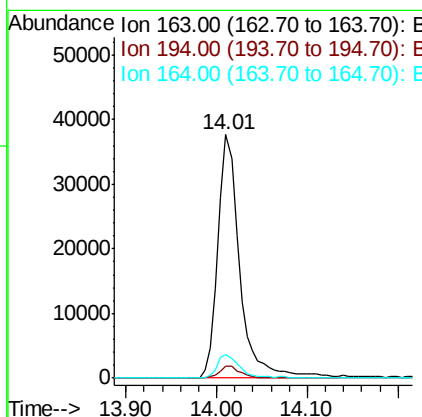
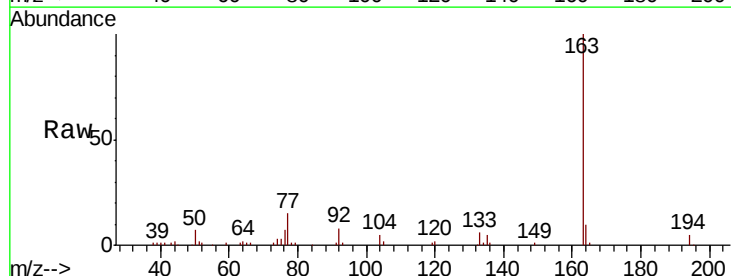
Instrument :
BNA_G
ClientSampleId :
TP-11

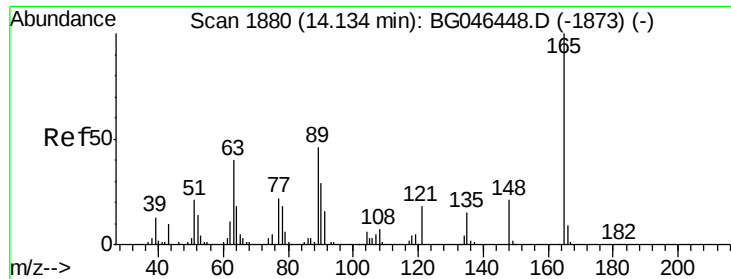
Tot Ion:172 Resp: 868870
Ion Ratio Lower Upper
172 100
171 37.6 31.8 47.6
170 25.0 20.3 30.5



#50
Dimethylphthalate
Concen: 4.102 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Tgt Ion:163 Resp: 63220
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 9.7 8.6 12.8

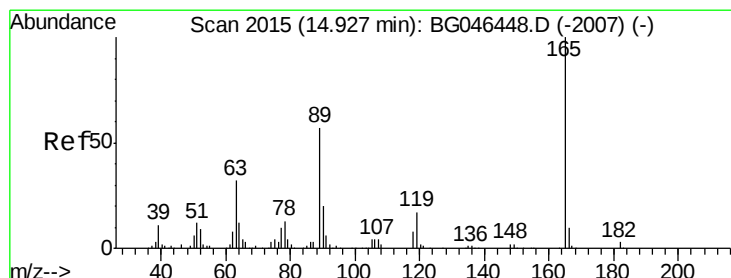
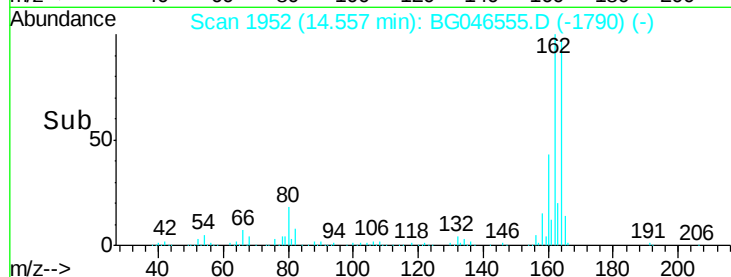
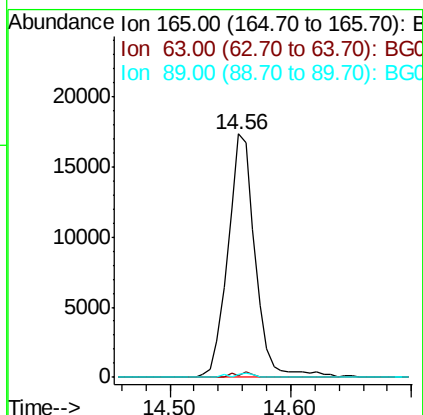
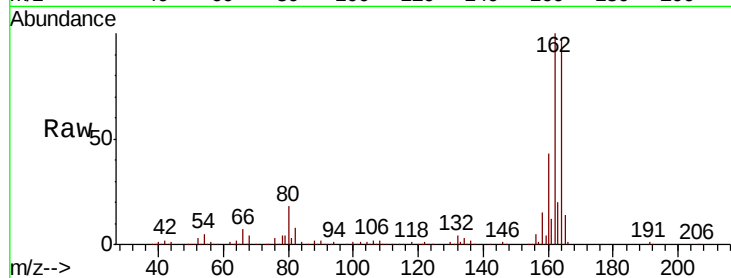




#51
 2,6-Dinitrotoluene
 Concen: 8.006 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046555.D
 Acq: 8 Sep 2020 13:15

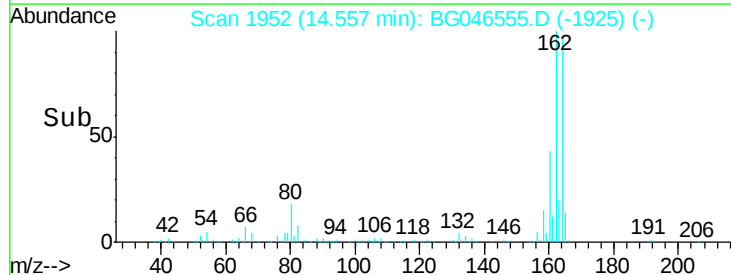
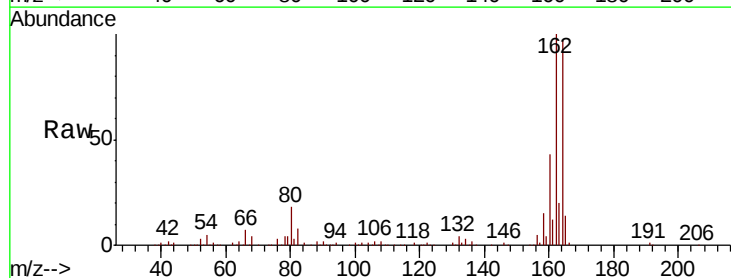
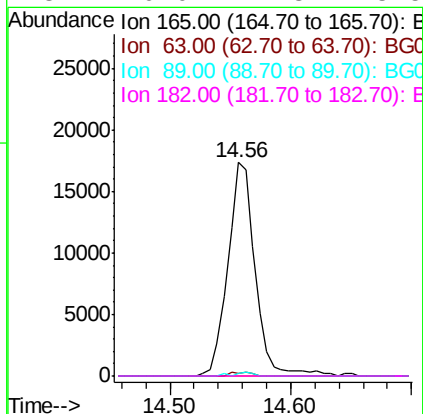
Instrument :
 BNA_G
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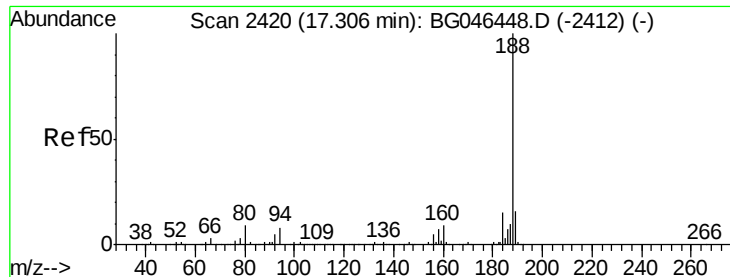
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.2	51.4#
89	1.2	37.0	55.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.615 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046555.D
 Acq: 8 Sep 2020 13:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.2	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: BG046555.D

Acq: 8 Sep 2020 13:15

Instrument :

BNA_G

ClientSampled :

TP-11

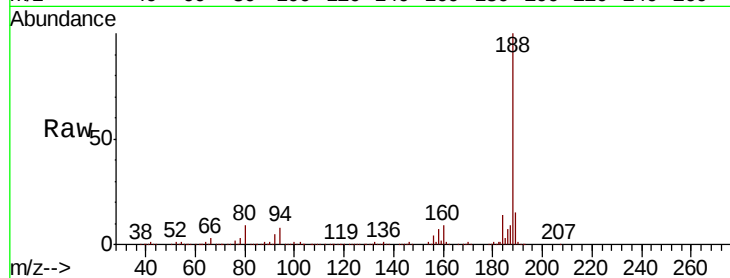
Tot Ion:188 Resp: 498377

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

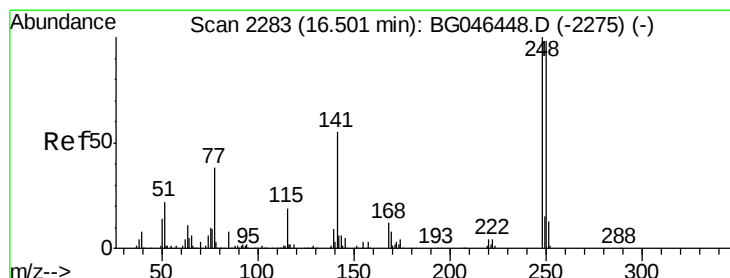
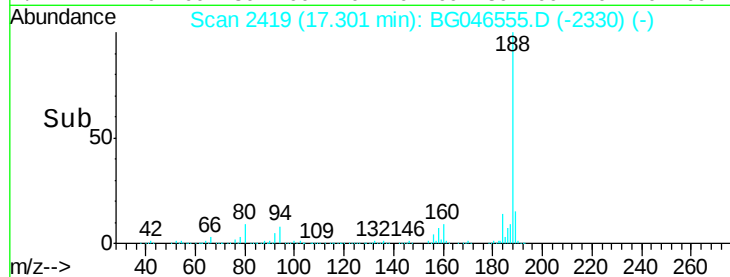
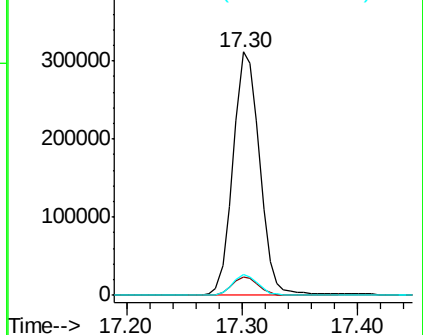
80 8.6 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.336 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.45 min

Lab File: BG046555.D

Acq: 8 Sep 2020 13:15

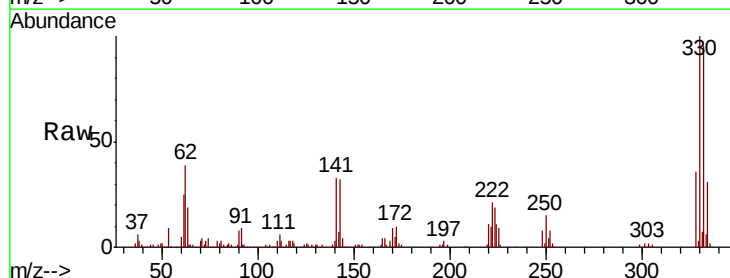
Tgt Ion:248 Resp: 19397

Ion Ratio Lower Upper

248 100

250 194.1 78.6 118.0#

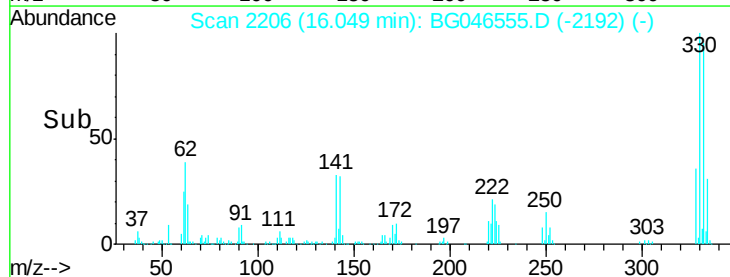
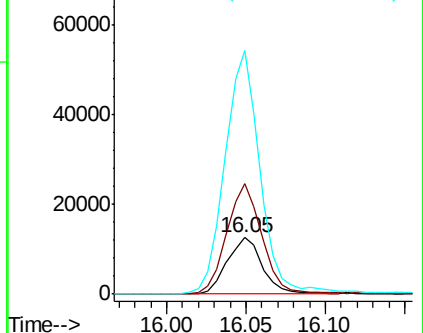
141 429.6 43.9 65.9#

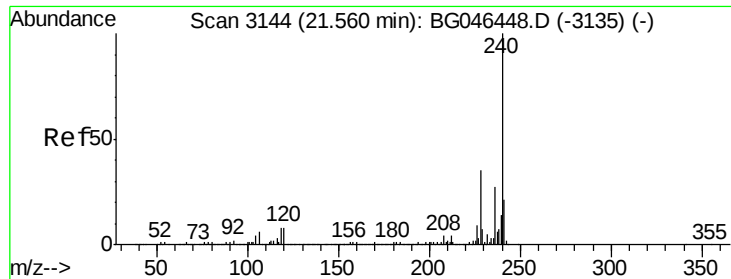


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

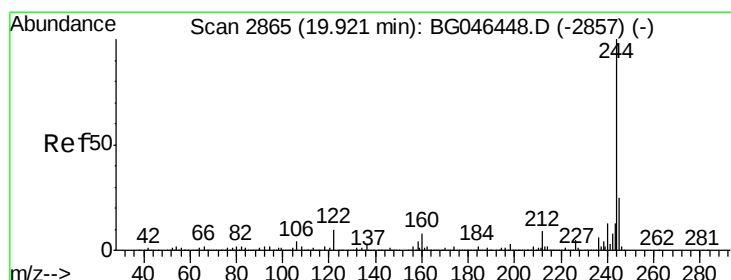
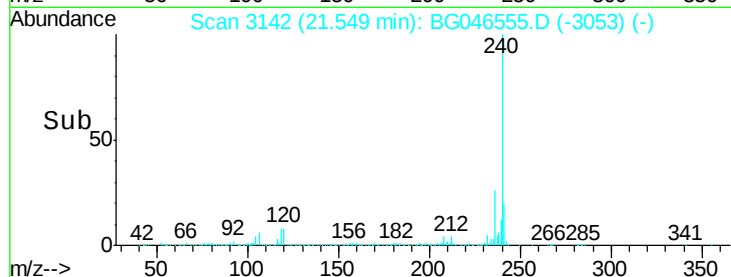
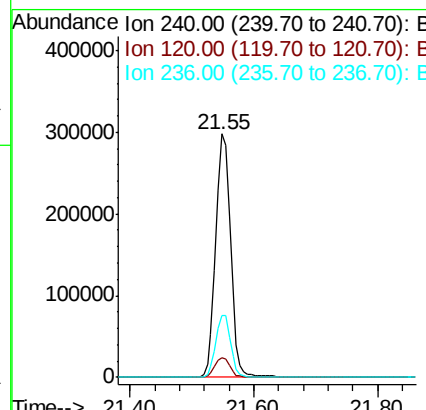
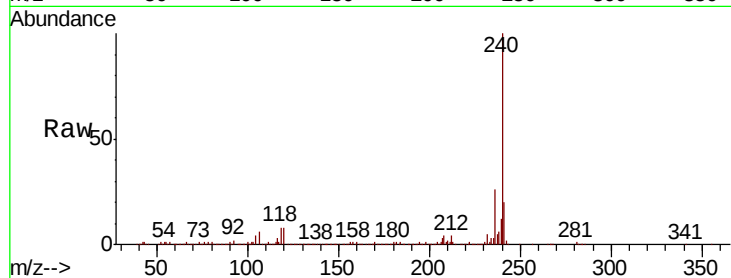




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

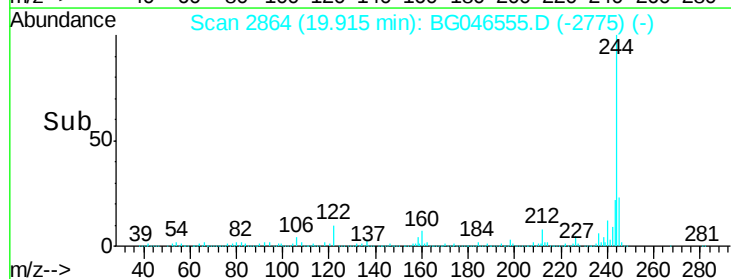
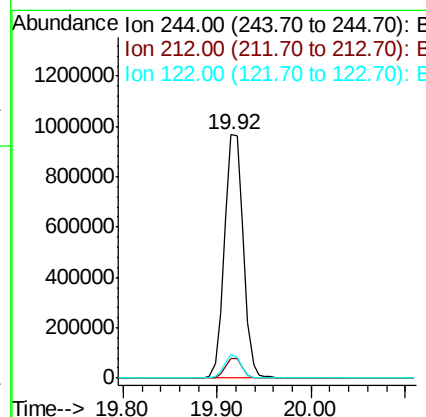
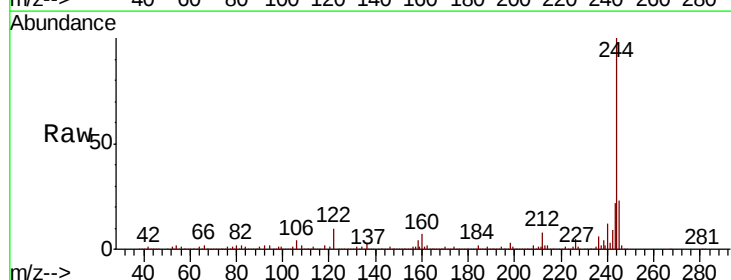
Instrument :
BNA_G
ClientSampleId :
TP-11

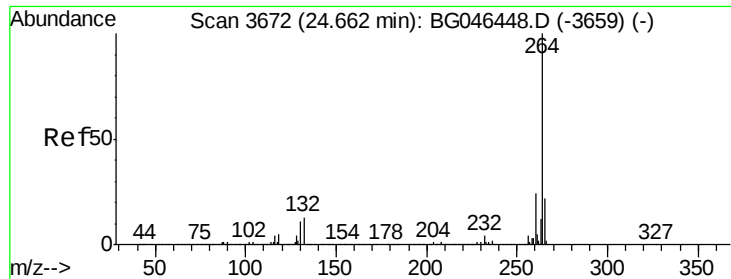
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	25.5	21.4	32.2



#79
Terphenyl-d14
Concen: 58.208 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	9.6	8.2	12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046555.D
Acq: 8 Sep 2020 13:15

Instrument :
BNA_G
ClientSampleId :
TP-11

Tot Ion: 264 Resp: 484330

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.9	26.9

