

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046201.D
 Acq On : 7 Aug 2020 20:16
 Operator : CG/JU
 Sample : L3553-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JB-1A

Quant Time: Aug 08 00:23:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

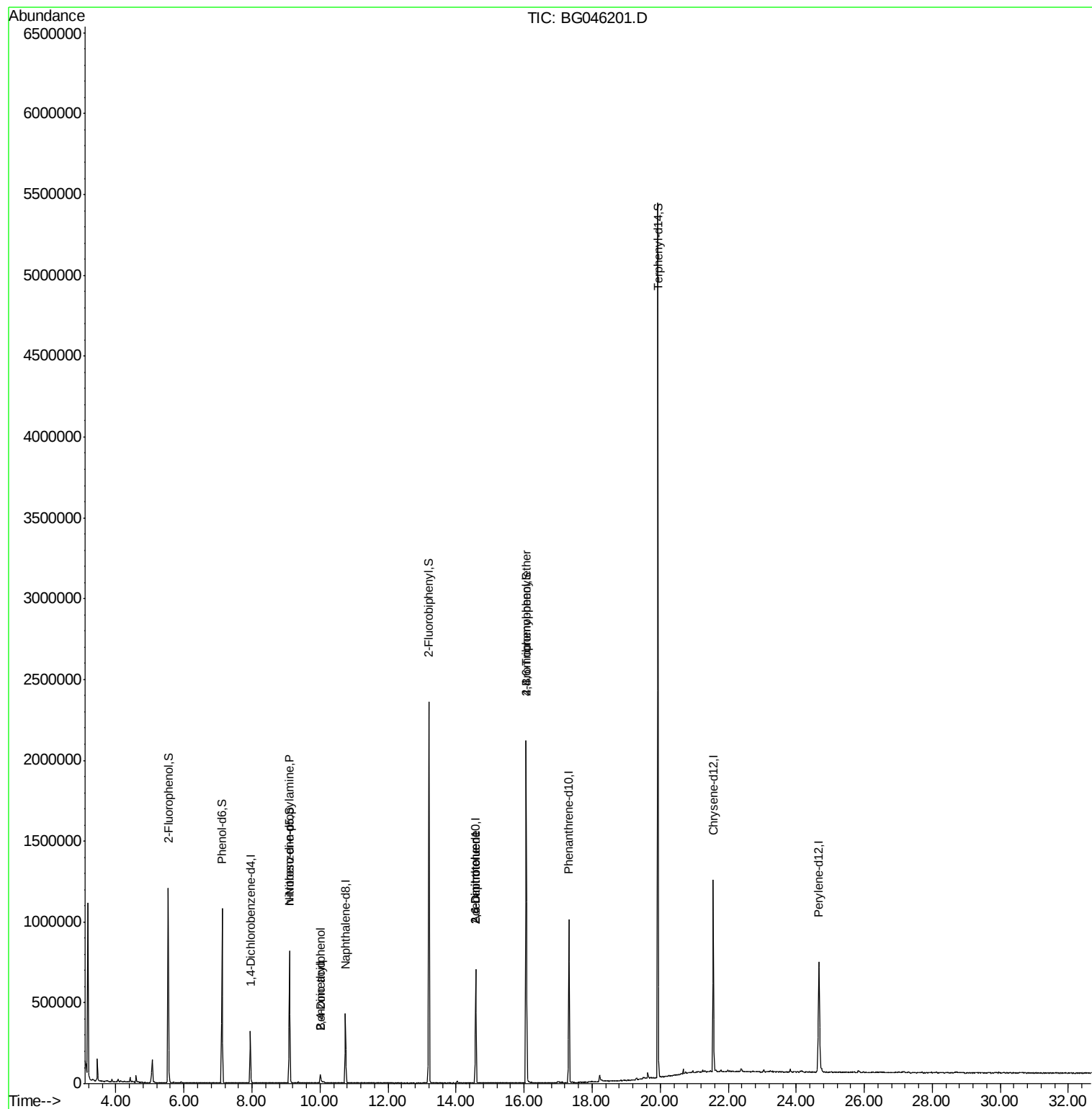
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	99911	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	384618	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	255344	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	646051	20.00	ng	0.00
76) Chrysene-d12	21.56	240	725929	20.00	ng	-0.01
86) Perylene-d12	24.67	264	749166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	556312	96.79	ng	0.00
7) Phenol-d6	7.12	99	659171	84.15	ng	0.00
23) Nitrobenzene-d5	9.10	82	515123	72.51	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	501532	127.88	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1285324	73.12	ng	0.00
79) Terphenyl-d14	19.93	244	2277815	63.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	65870	12.921	ng	# 76
27) 2,4-Dimethylphenol	10.01	122	26294	4.708	ng	# 3
32) Benzoic acid	10.01	122	26294	14.559	ng	# 99
51) 2,6-Dinitrotoluene	14.57	165	33361	7.314	ng	# 29
57) 2,4-Dinitrotoluene	14.57	165	33361	5.320	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	30157	3.778	ng	# 1

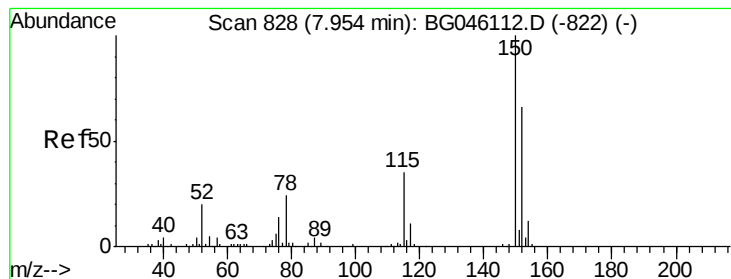
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



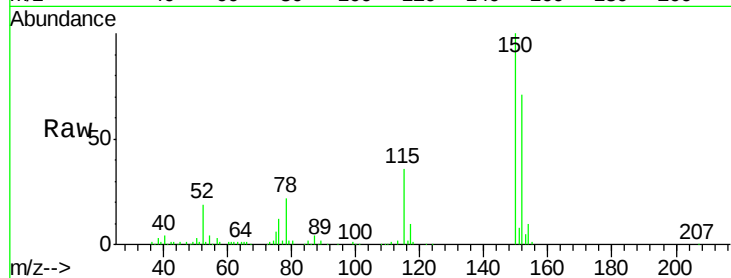


#1

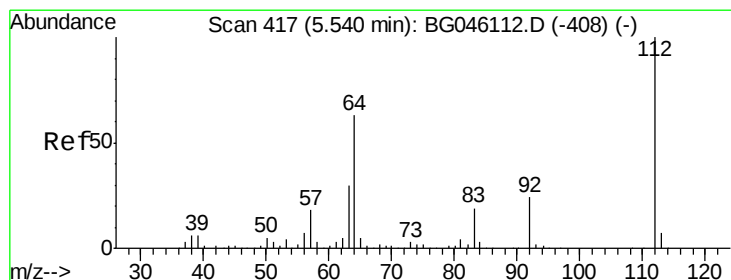
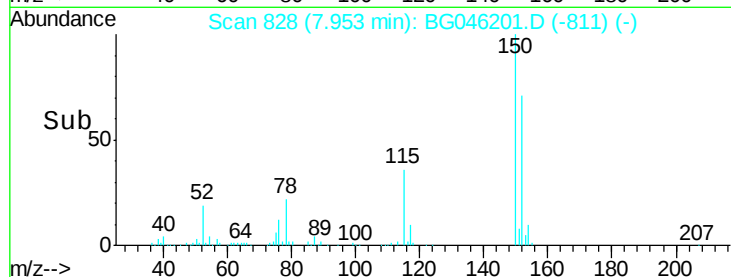
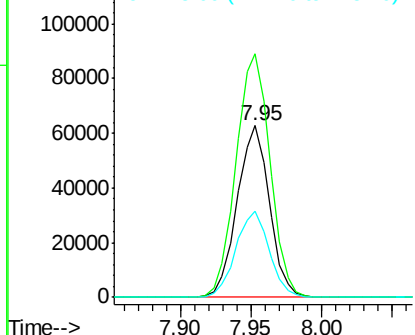
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Instrument :
BNA_G
ClientSampleId :
JB-1A

Tot Ion:152 Resp: 99911
Ion Ratio Lower Upper
152 100
150 141.8 122.1 183.1
115 50.4 43.2 64.8



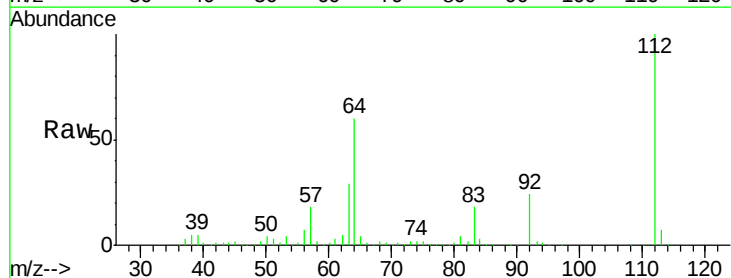
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



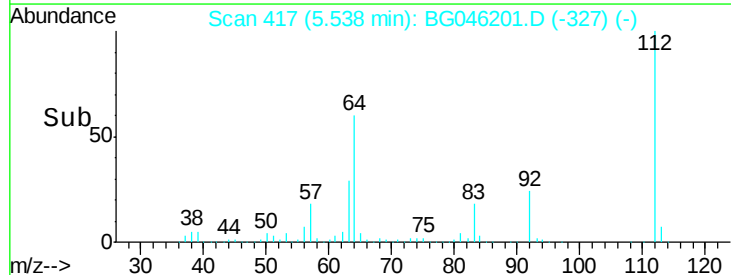
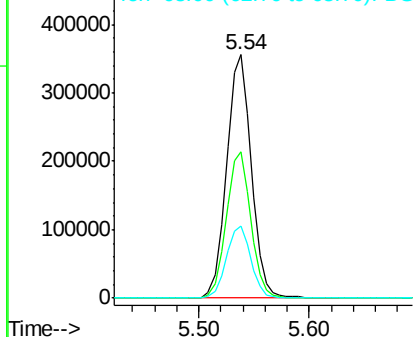
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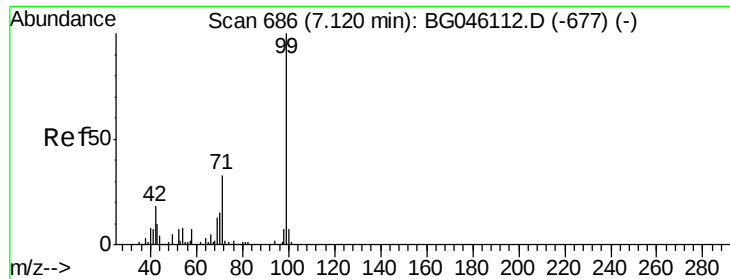
2-Fluorophenol
Concen: 96.794 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Tgt Ion:112 Resp: 556312
Ion Ratio Lower Upper
112 100
64 60.0 50.2 75.2
63 29.4 24.2 36.4



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: 84.154 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046201.D

Acq: 7 Aug 2020 20:16

Instrument :

BNA_G

ClientSampled :

JB-1A

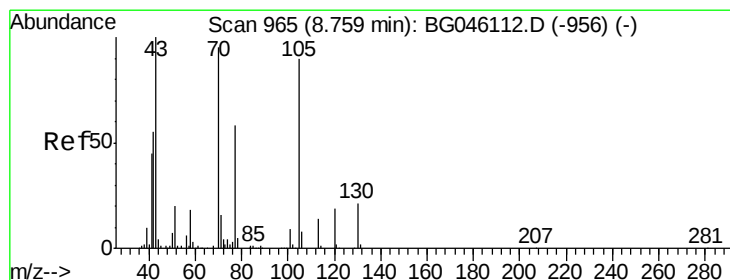
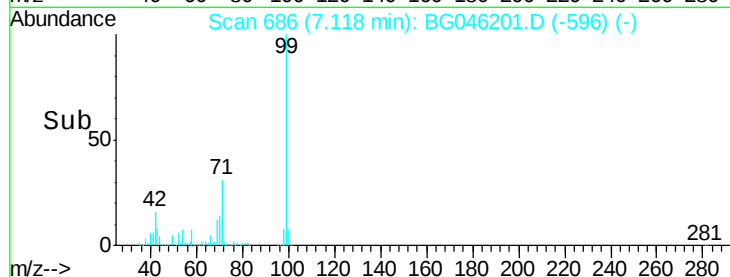
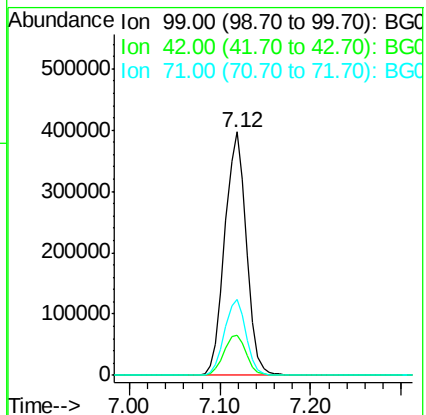
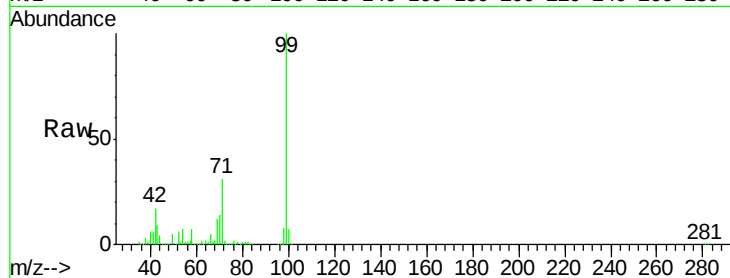
Tot Ion: 99 Resp: 659171

Ion Ratio Lower Upper

99 100

42 16.5 14.7 22.1

71 31.0 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.921 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046201.D

Acq: 7 Aug 2020 20:16

Tgt Ion: 70 Resp: 65870

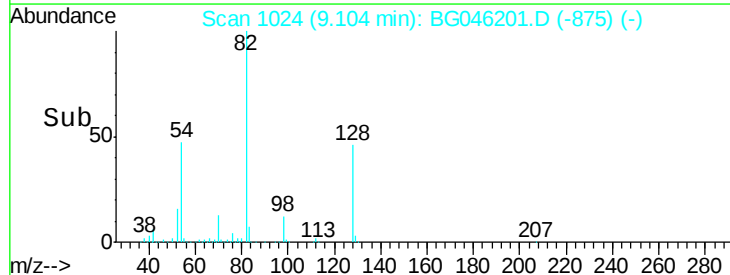
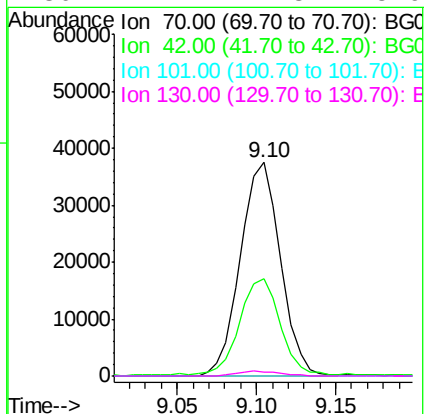
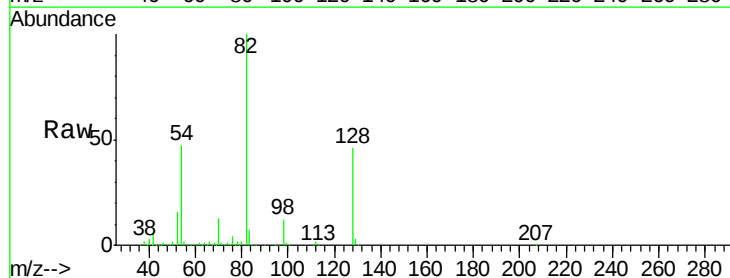
Ion Ratio Lower Upper

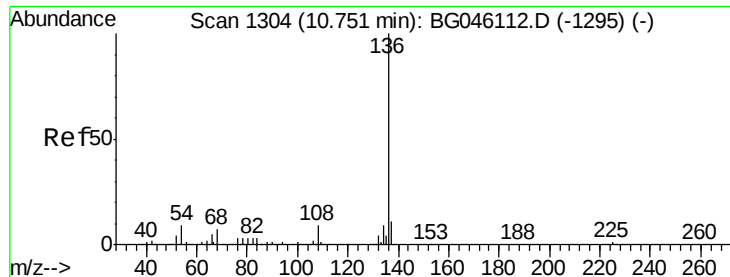
70 100

42 45.8 46.5 69.7#

101 0.0 7.6 11.4#

130 2.1 17.3 25.9#

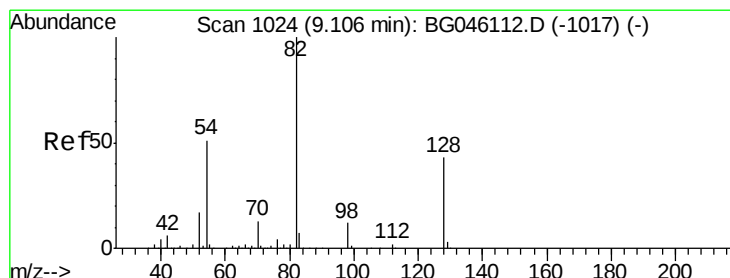
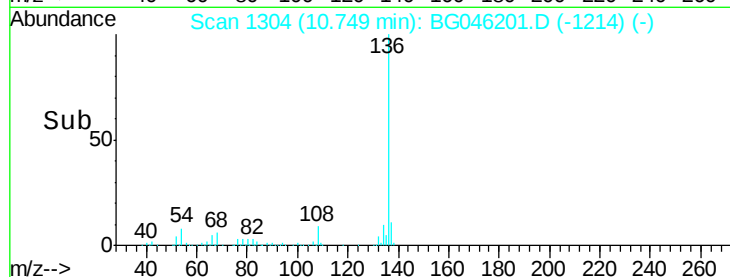
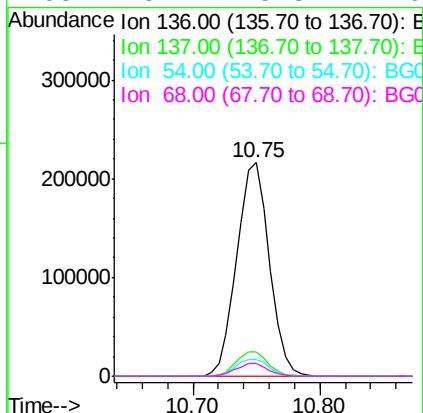
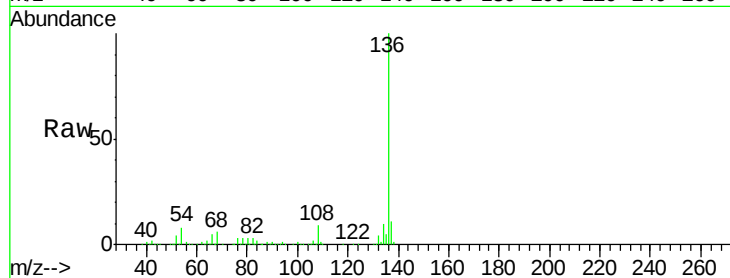




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

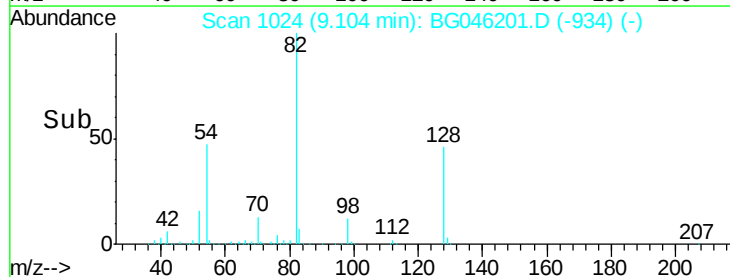
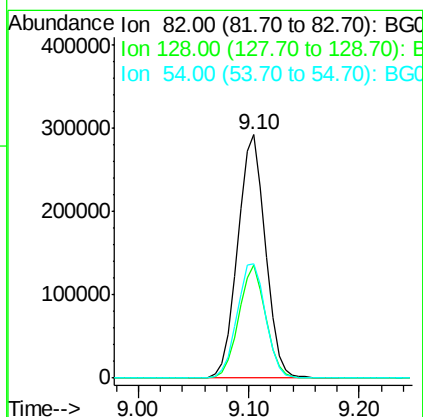
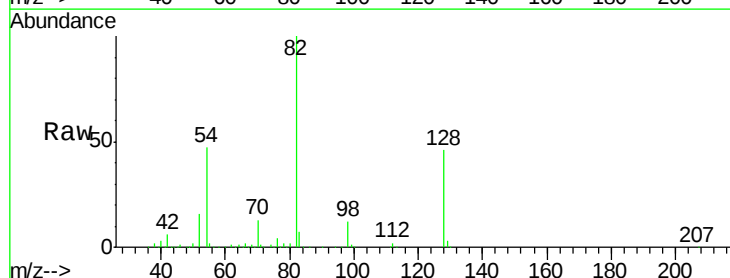
Instrument :
BNA_G
ClientSampleId :
JB-1A

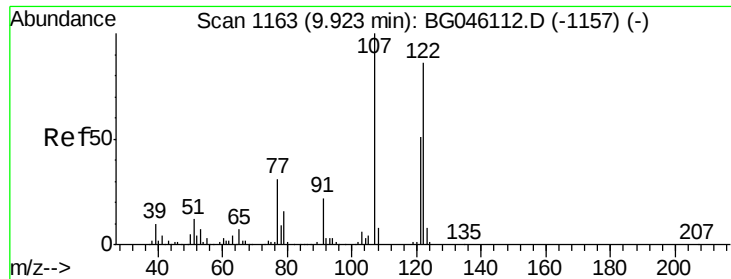
Tot Ion:136	Resp:	384618	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 7.7	7.0	10.4	
68 5.7	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 72.514 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Tgt Ion: 82	Resp: 515123
Ion Ratio	Lower Upper
82 100	
128 46.4	34.4 51.6
54 47.0	40.8 61.2

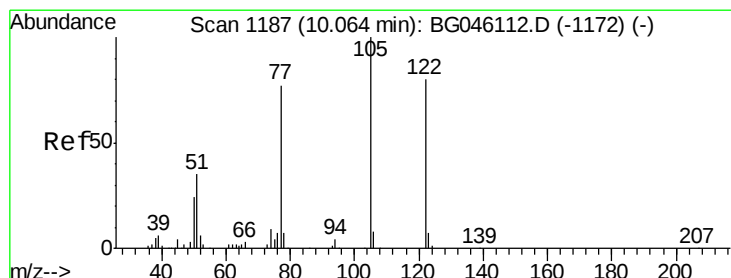
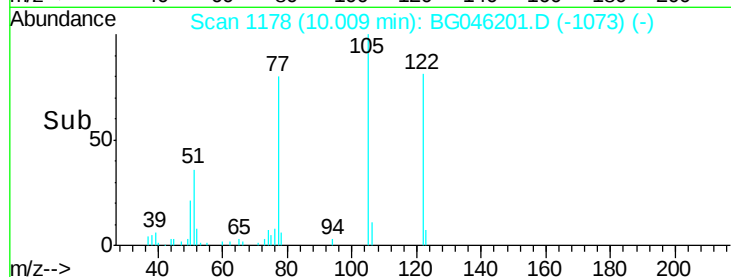
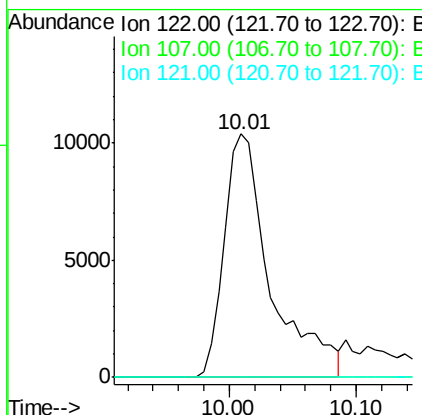
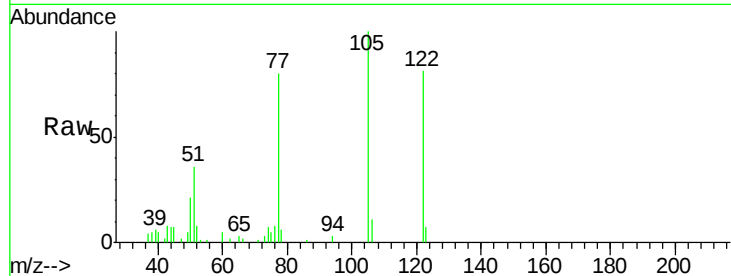




#27
2,4-Dimethylphenol
Concen: 4.708 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.09 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

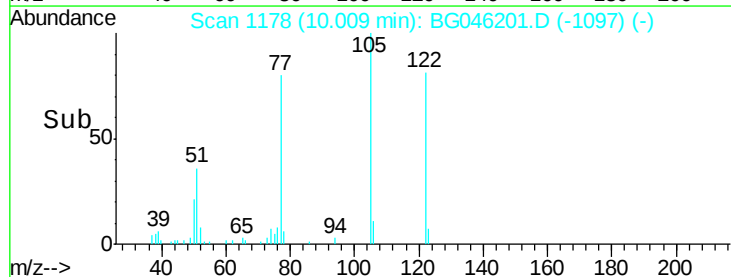
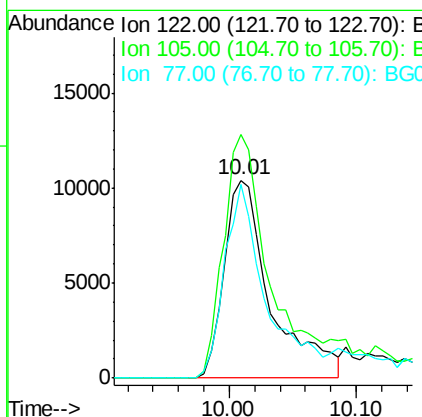
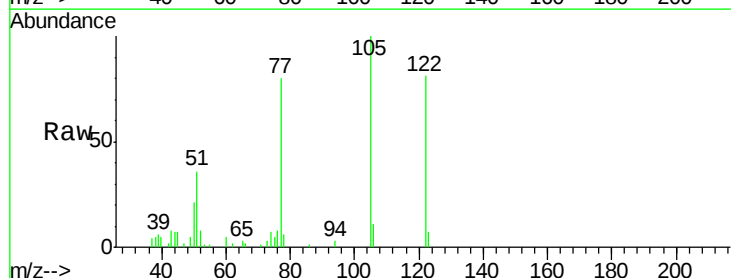
Instrument :
BNA_G
ClientSampleId :
JB-1A

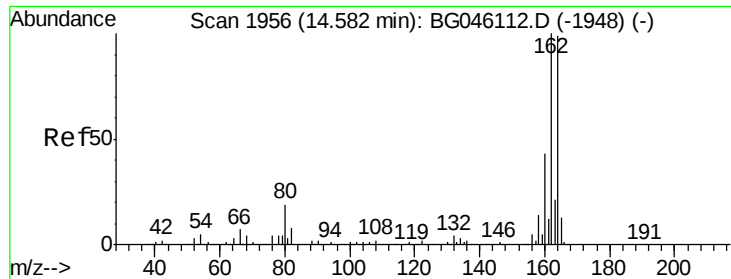
Tot Ion:122 Resp: 26294
Ion Ratio Lower Upper
122 100
107 0.0 92.4 138.6#
121 0.0 47.0 70.6#



#32
Benzoic acid
Concen: 14.559 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Tgt Ion:122 Resp: 26294
Ion Ratio Lower Upper
122 100
105 123.2 103.0 143.0
77 98.0 75.2 115.2

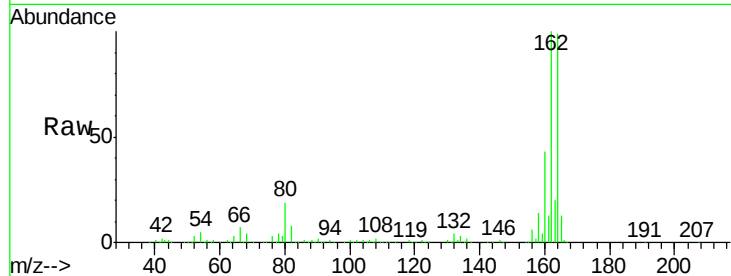




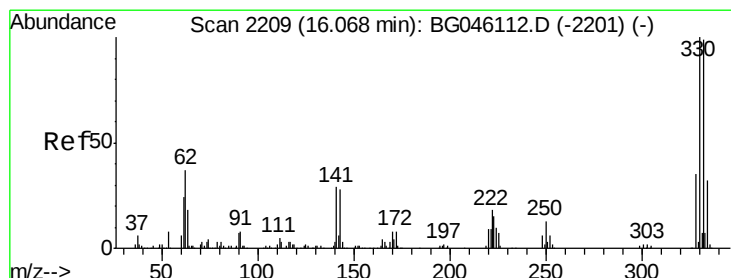
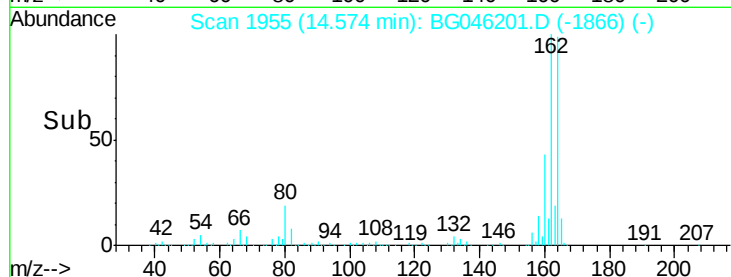
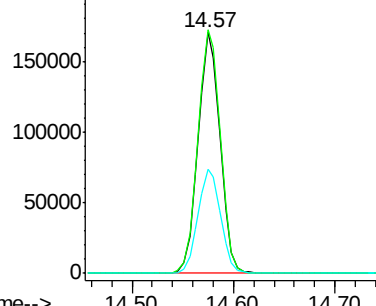
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Instrument :
BNA_G
ClientSampleId :
JB-1A

Tot Ion:164 Resp: 255344
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 43.4 34.9 52.3

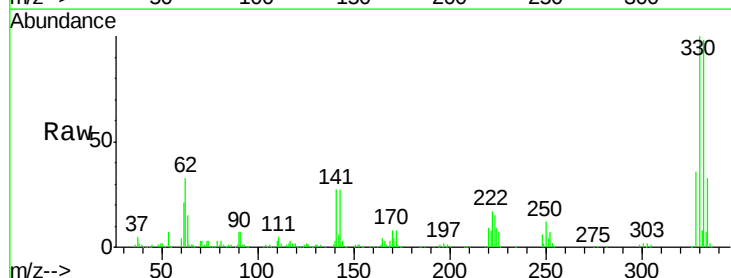


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

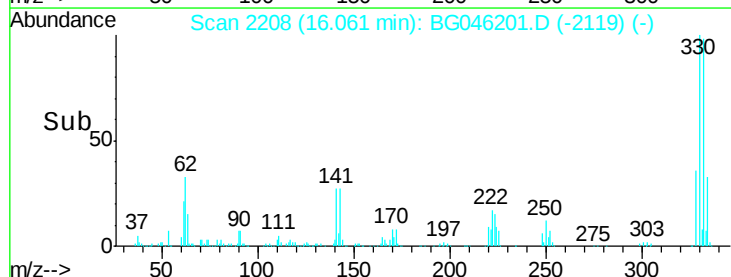
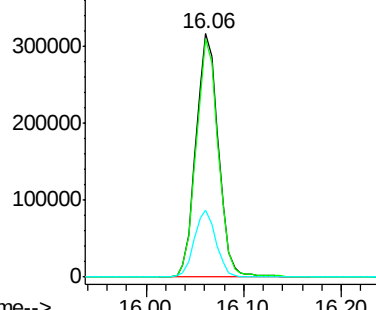


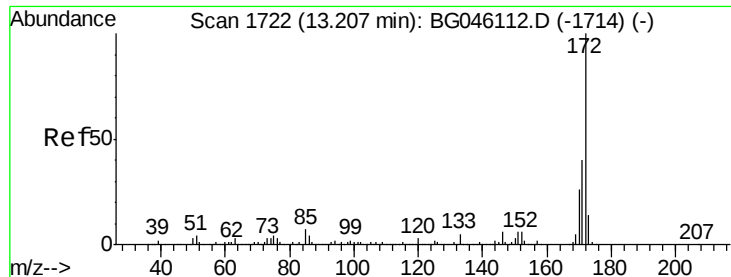
#42
2,4,6-Tribromophenol
Concen: 127.875 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Tgt Ion:330 Resp: 501532
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 27.0 23.4 35.0



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

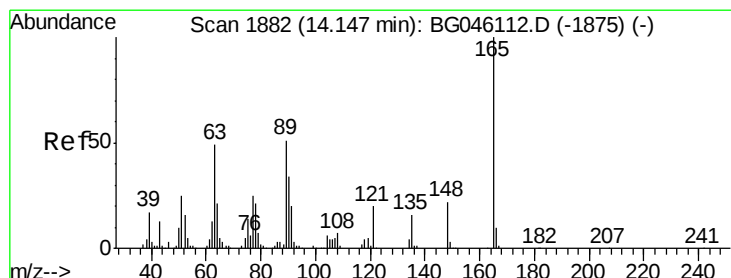
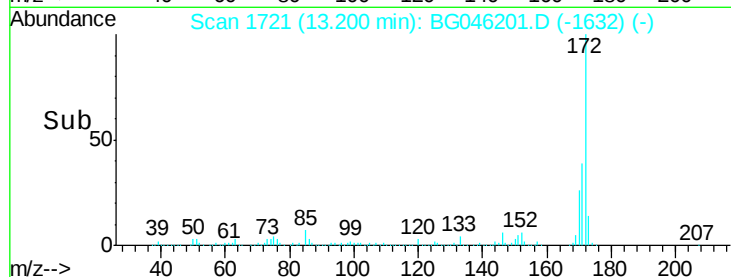
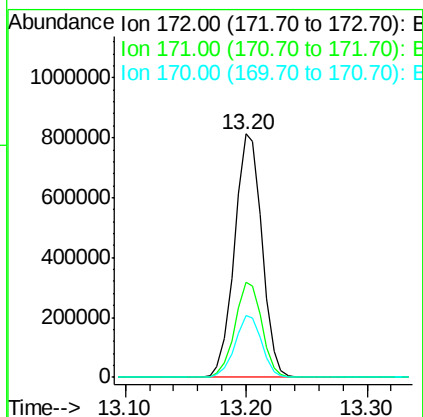
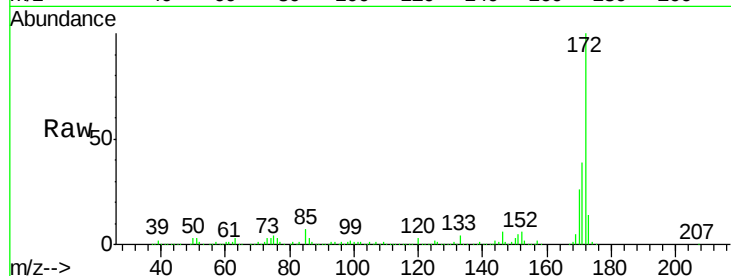




#45
2-Fluorobiphenyl
Concen: 73.121 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

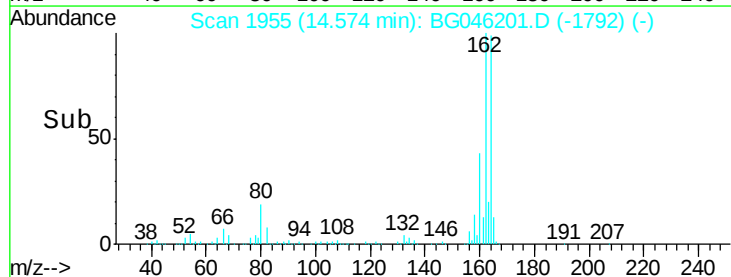
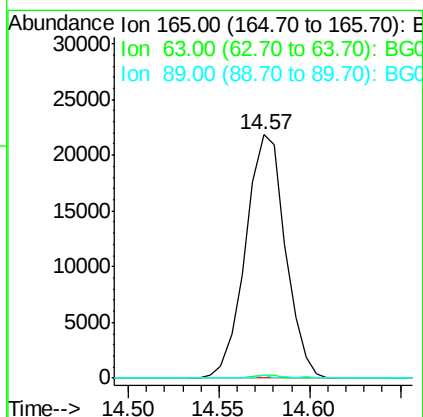
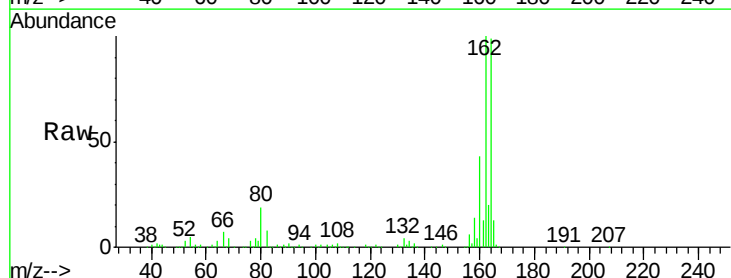
Instrument :
BNA_G
ClientSampled :
JB-1A

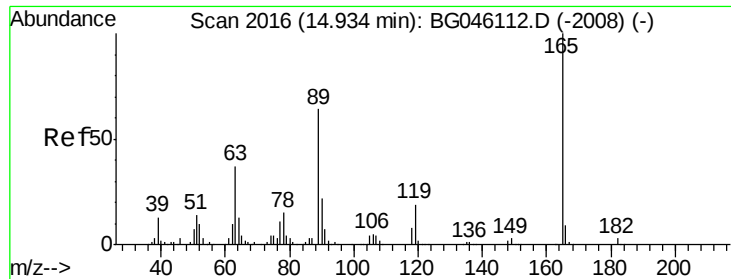
Tot Ion:172 Resp: 1285324
Ion Ratio Lower Upper
172 100
171 39.1 31.7 47.5
170 25.5 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.314 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Tgt Ion:165 Resp: 33361
Ion Ratio Lower Upper
165 100
63 1.2 39.7 59.5#
89 1.1 41.0 61.6#

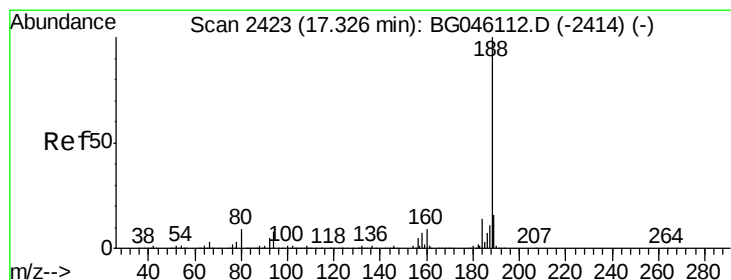
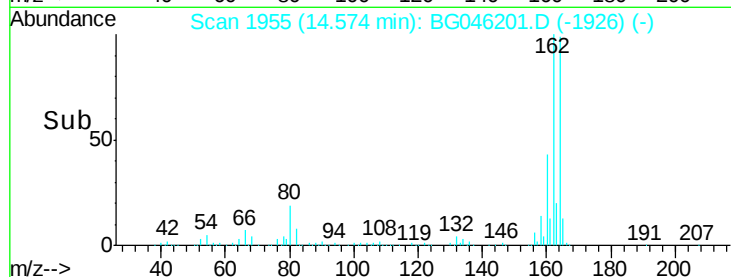
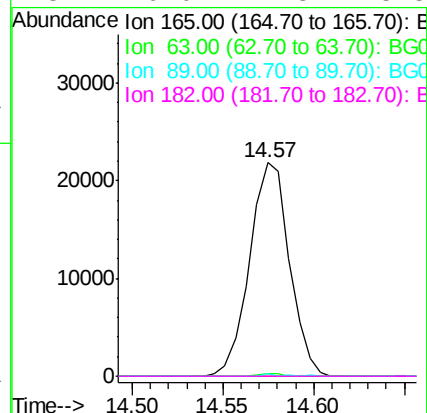
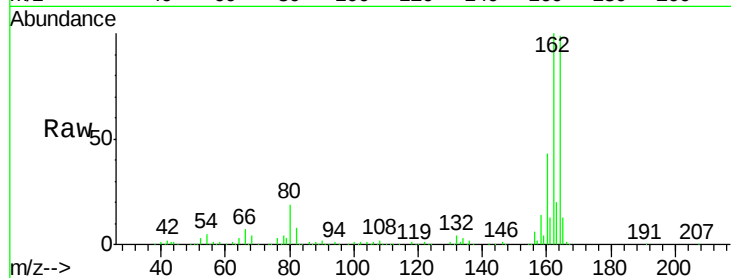




#57
 2,4-Dinitrotoluene
 Concen: 5.320 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046201.D
 Acq: 7 Aug 2020 20:16

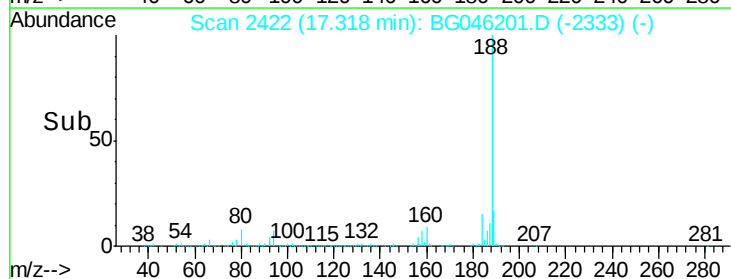
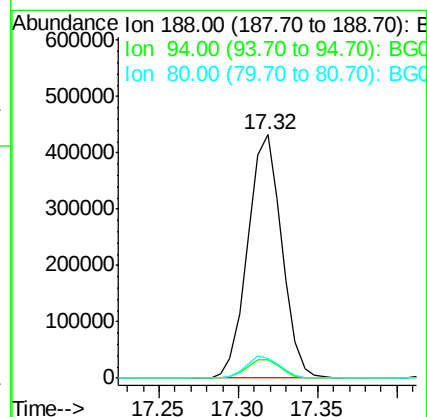
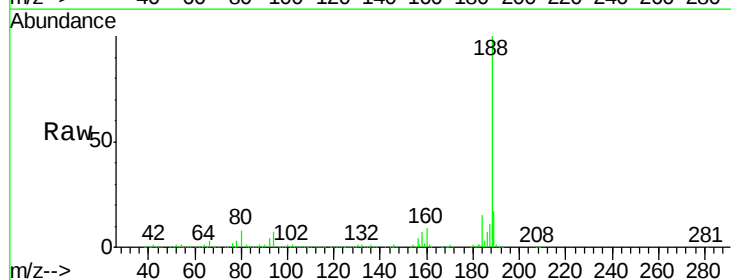
Instrument :
 BNA_G
 ClientSampleId :
 JB-1A

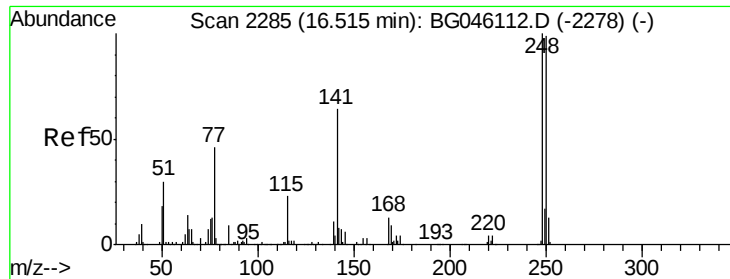
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.1	45.1#
89	1.1	51.4	77.2#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046201.D
 Acq: 7 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.3	7.4	11.0

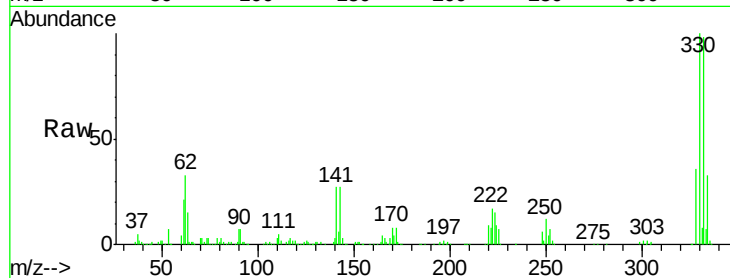




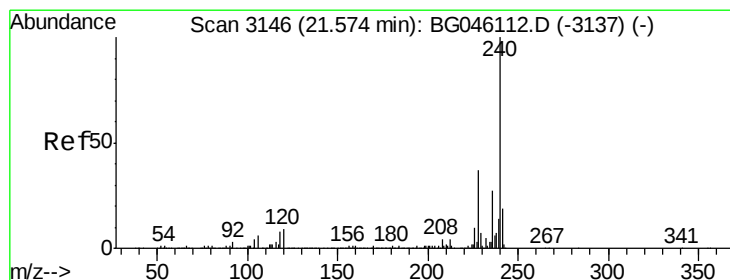
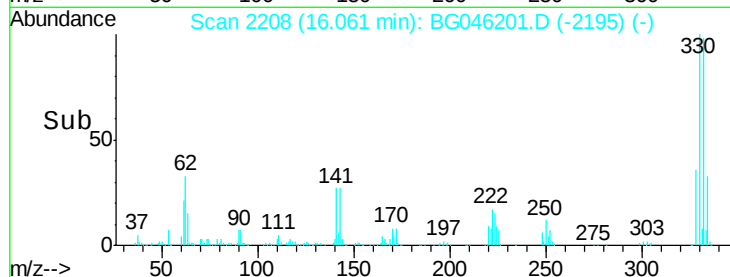
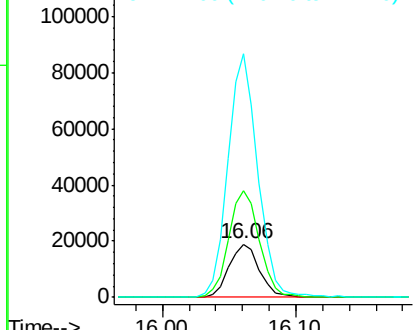
#67
4-Bromophenyl-phenylether
Concen: 3.778 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Instrument :
BNA_G
ClientSampled :
JB-1A

Tot Ion:248 Resp: 30157
Ion Ratio Lower Upper
248 100
250 199.4 79.4 119.0#
141 456.4 50.9 76.3#

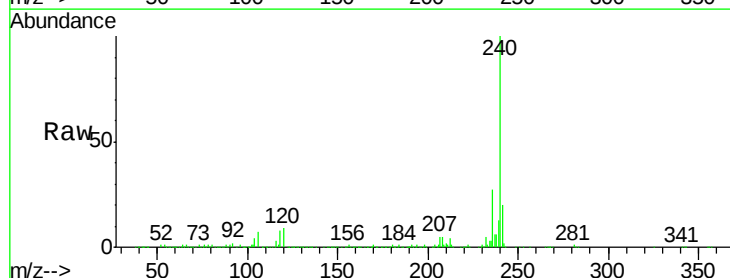


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

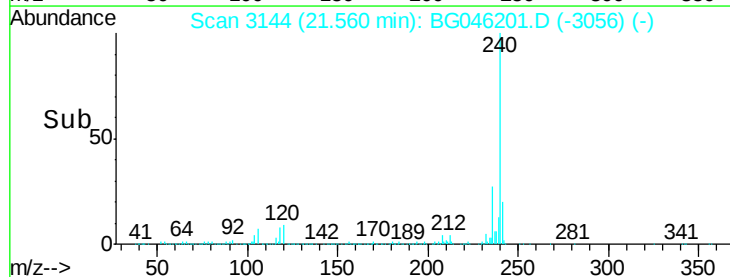
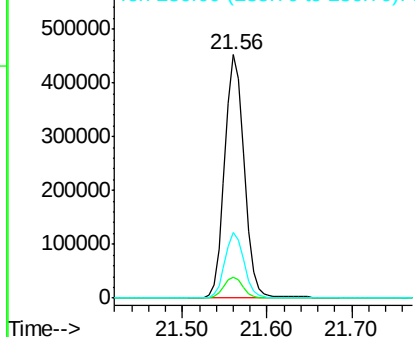


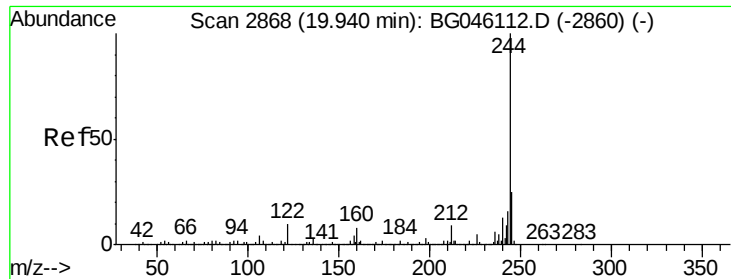
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046201.D
Acq: 7 Aug 2020 20:16

Tgt Ion:240 Resp: 725929
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.9 21.7 32.5



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: 63.905 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046201.D

Acq: 7 Aug 2020 20:16

Instrument :

BNA_G

ClientSampleId :

JB-1A

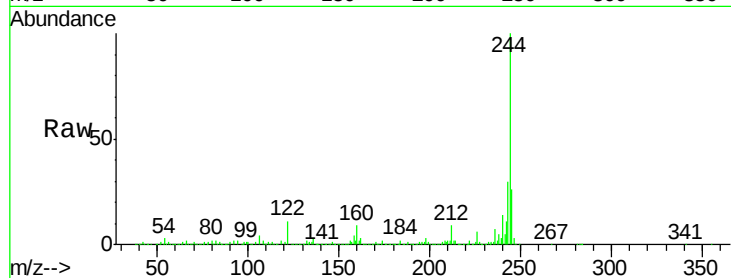
Tot Ion:244 Resp: 2277815

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

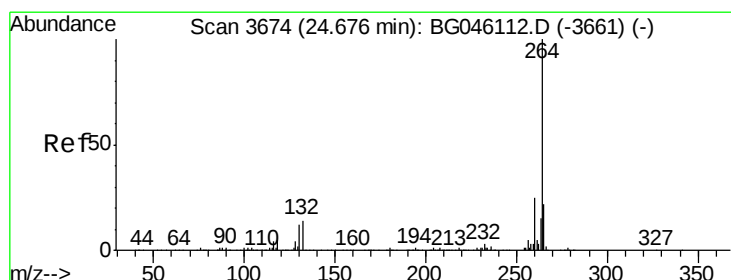
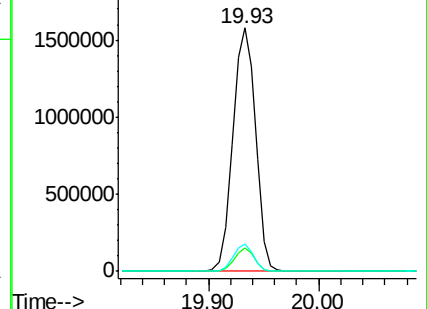
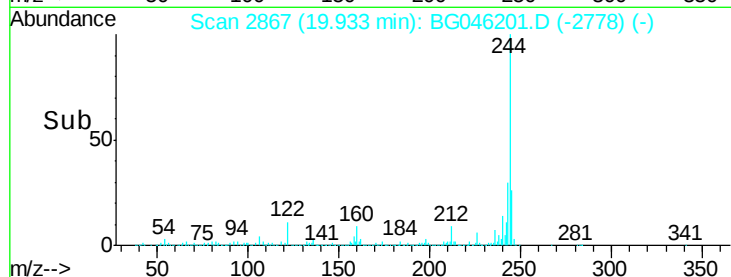
122 11.1 8.3 12.5



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: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046201.D

Acq: 7 Aug 2020 20:16

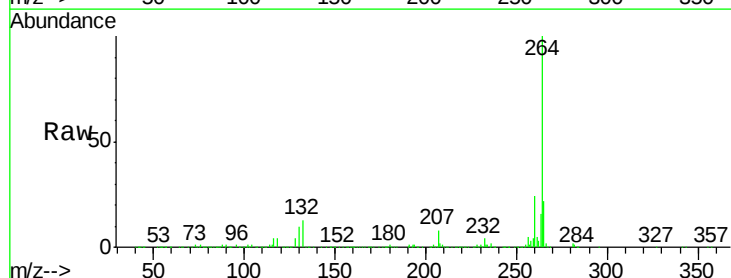
Tgt Ion:264 Resp: 749166

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 21.7 17.6 26.4



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

