

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048769.D
 Acq On : 19 Apr 2021 16:54
 Operator : CG/JU
 Sample : M2075-28
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-D

Quant Time: Apr 19 17:55:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

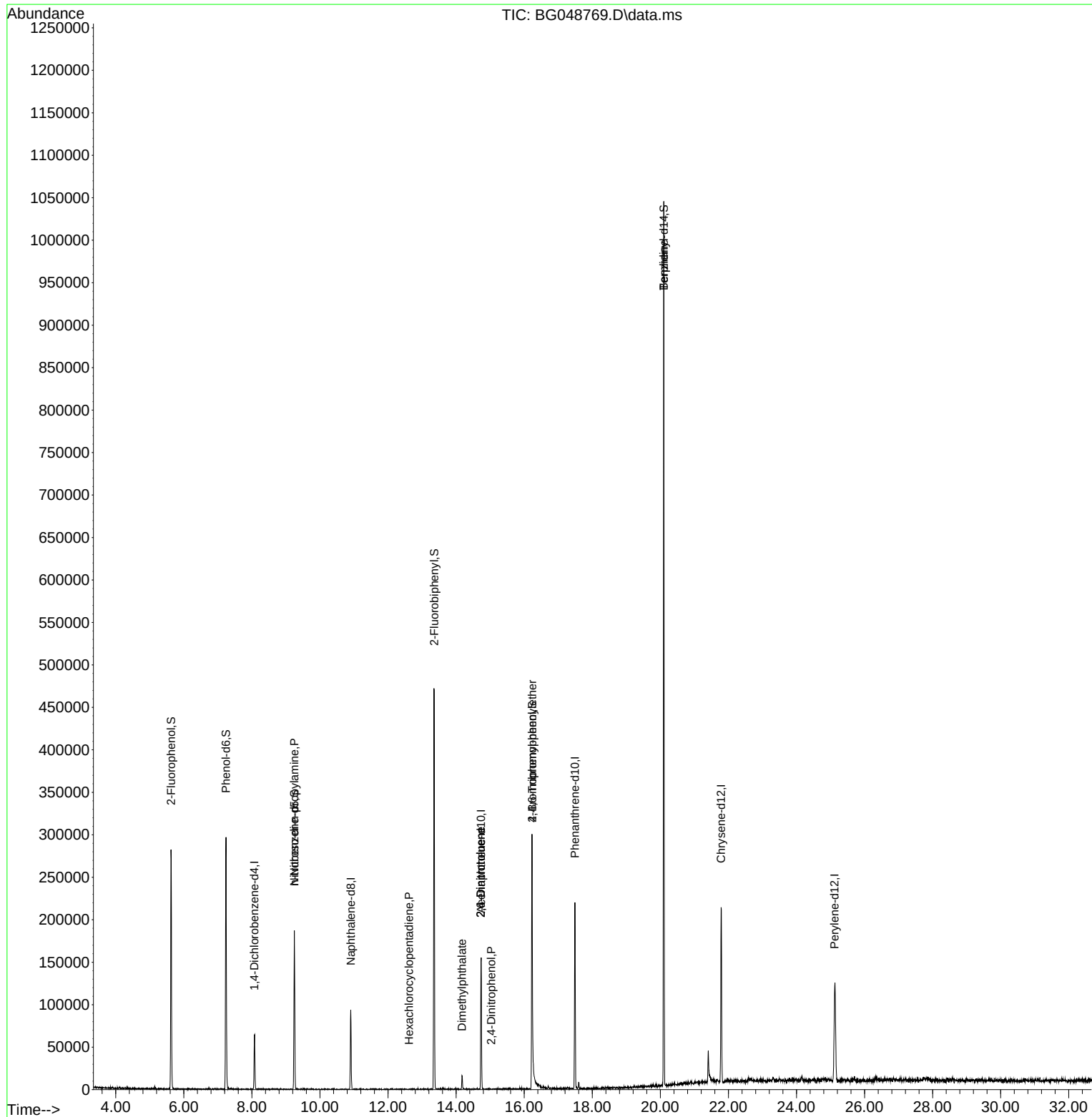
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	16435	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	71188	20.00	ng	# 0.00
39) Acenaphthene-d10	14.737	164	57532	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	141876	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	128297	20.00	ng	-0.01
86) Perylene-d12	25.118	264	129408	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.624	112	108830	110.75	ng	0.00
7) Phenol-d6	7.239	99	144574	104.01	ng	0.00
23) Nitrobenzene-d5	9.249	82	101566	63.87	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	56342	73.04	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	234925	58.97	ng	0.00
79) Terphenyl-d14	20.101	244	445468	59.76	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	16261	17.34	ng	# 70
41) Hexachlorocyclopentadiene	12.615	237	60	5.91	ng	# 31
50) Dimethylphthalate	14.172	163	9427	2.18	ng	# 97
51) 2,6-Dinitrotoluene	14.731	165	7024	7.05	ng	# 14
54) 2,4-Dinitrophenol	15.036	184	90	5.42	ng	# 8
57) 2,4-Dinitrotoluene	14.731	165	7024	4.86	ng	# 20
67) 4-Bromophenyl-phenylether	16.235	248	4683	2.87	ng	# 1
77) Benzidine	20.101	184	9382	2.69	ng	# 90

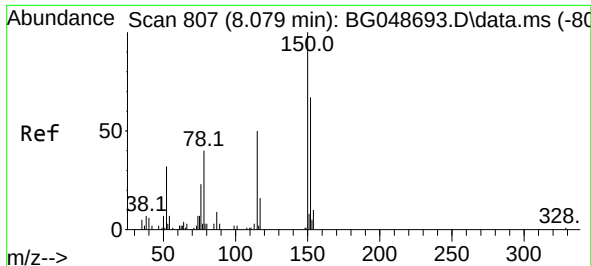
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
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Quant Time: Apr 19 17:55:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

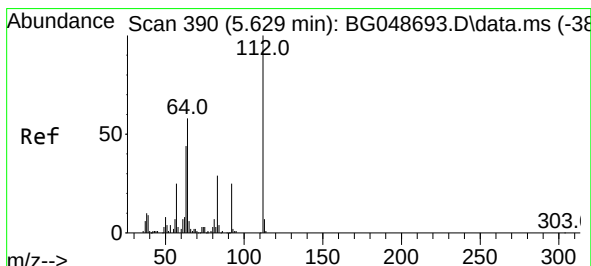
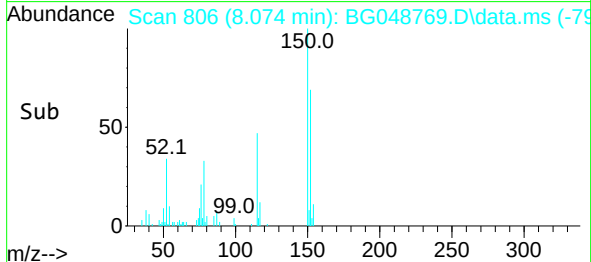
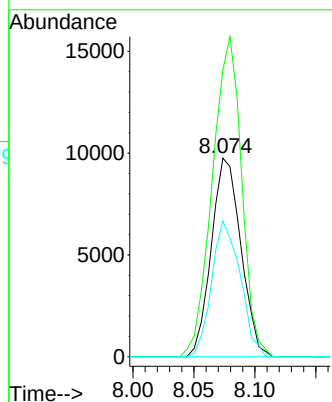
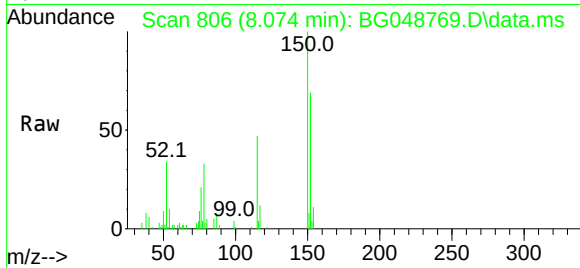




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.074 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

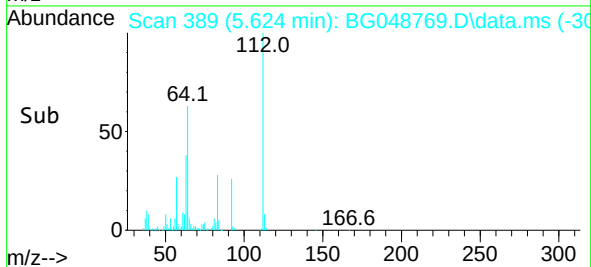
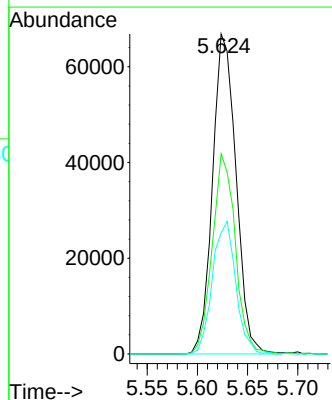
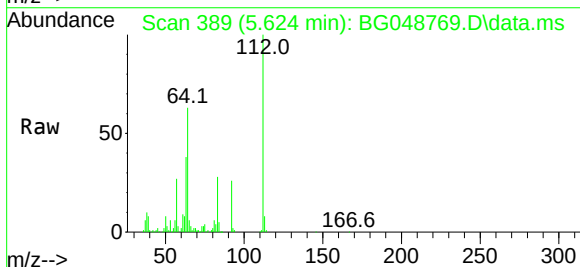
Instrument :
BNA_G
ClientSampled :
TP-8-D

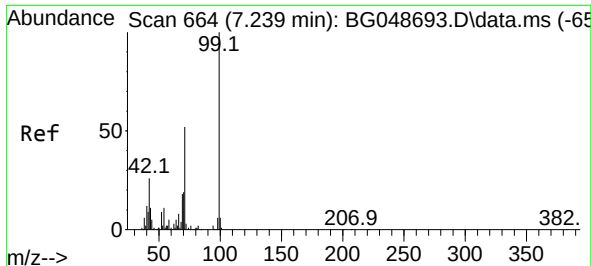
Tgt Ion:152 Resp: 16435
Ion Ratio Lower Upper
152 100
150 144.7 119.4 179.0
115 68.3 60.2 90.4



#5
2-Fluorophenol
Concen: 110.75 ng
RT: 5.624 min Scan# 389
Delta R.T. -0.006 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:112 Resp: 108830
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 37.8 35.3 52.9

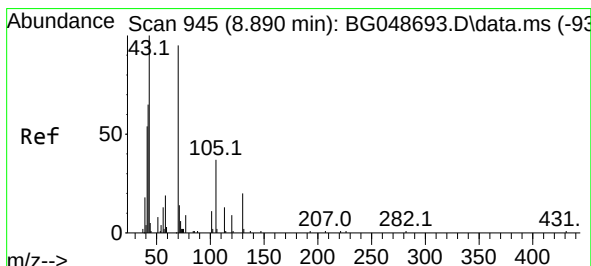
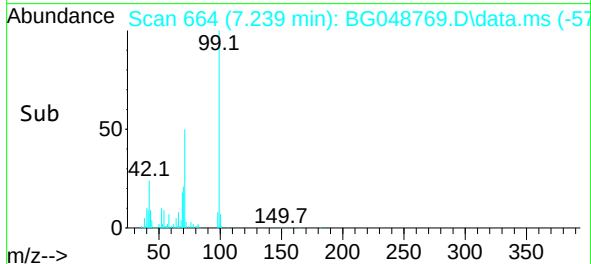
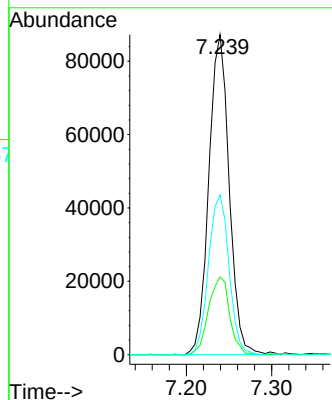
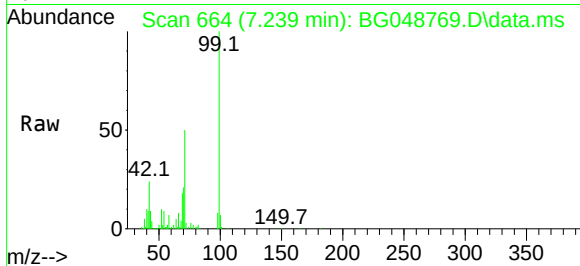




#7
Phenol-d6
Concen: 104.01 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

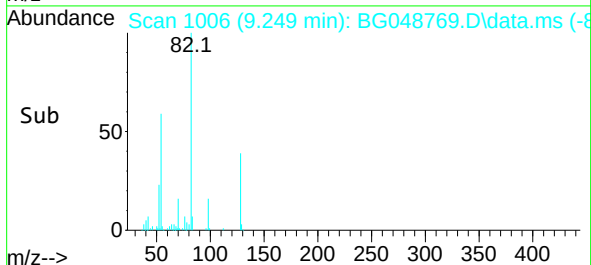
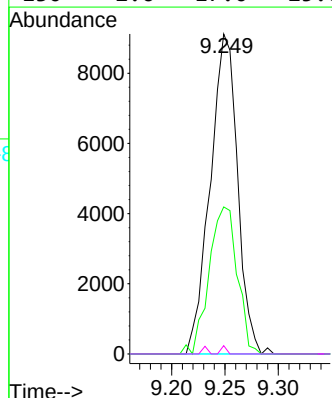
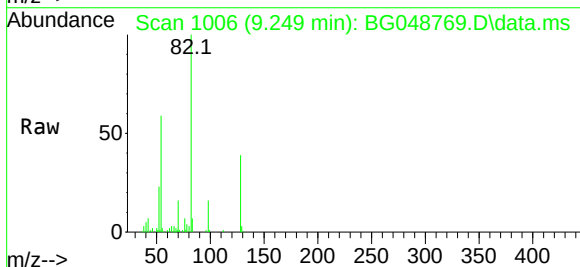
Instrument :
BNA_G
ClientSampleId :
TP-8-D

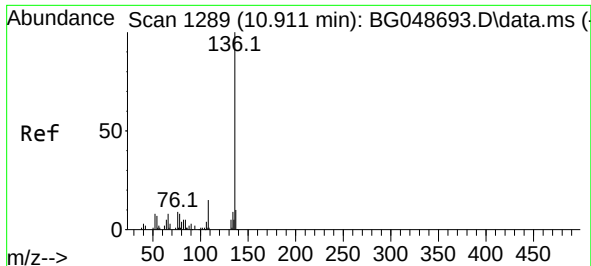
Tgt Ion: 99 Resp: 144574
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 49.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.34 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion: 70 Resp: 16261
Ion Ratio Lower Upper
70 100
42 46.0 54.5 81.7#
101 0.0 9.0 13.6#
130 2.6 17.0 25.6#

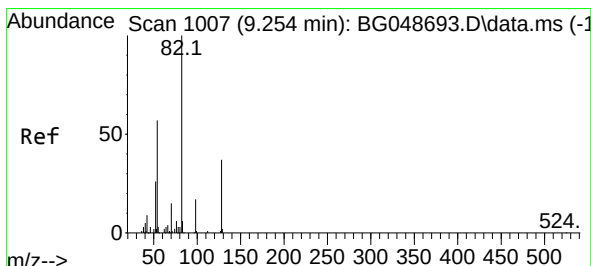
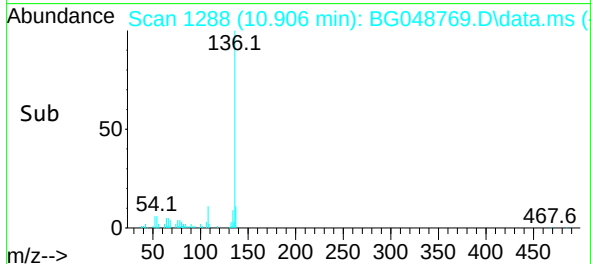
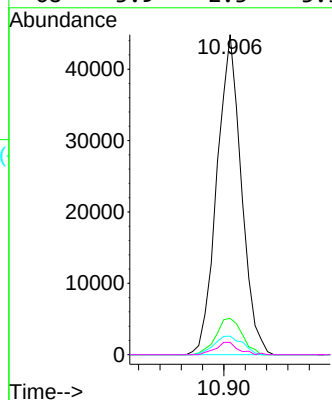
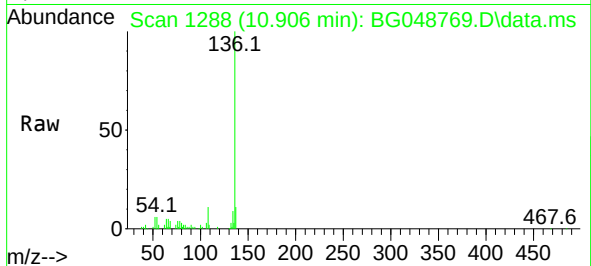




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

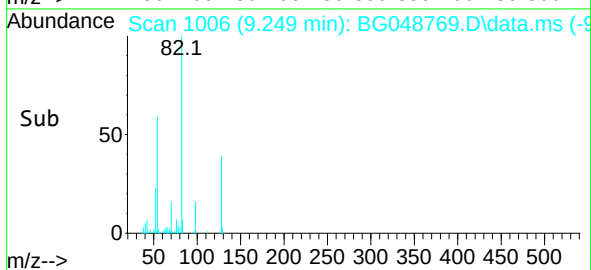
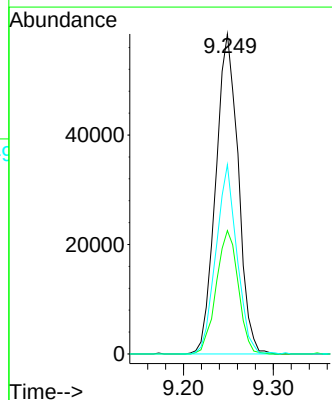
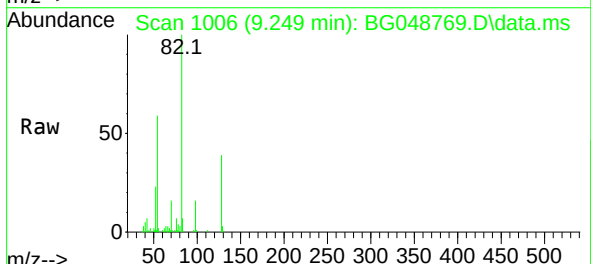
Instrument :
BNA_G
ClientSampleId :
TP-8-D

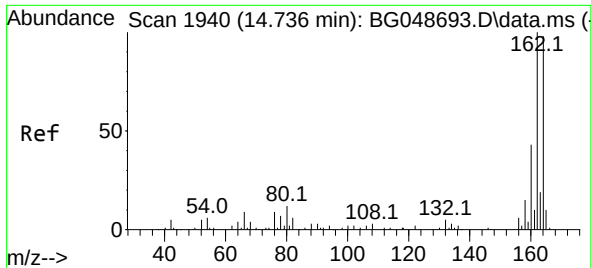
Tgt Ion:	136	Resp:	71188
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	5.8	5.5	8.3
68	3.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 63.87 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:	82	Resp:	101566
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.8	44.6
54	59.2	45.8	68.8

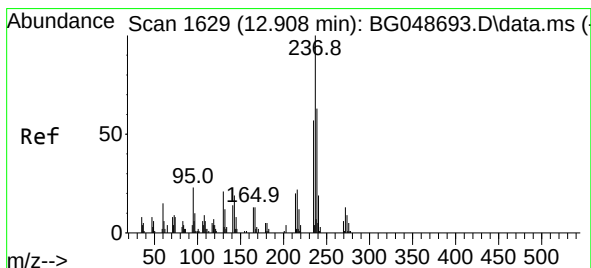
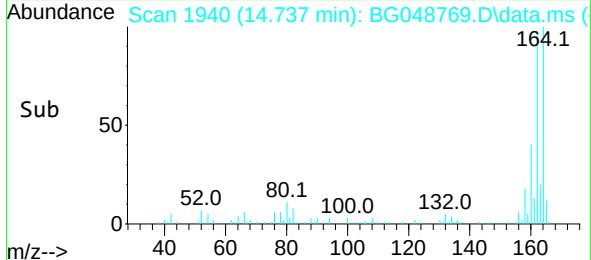
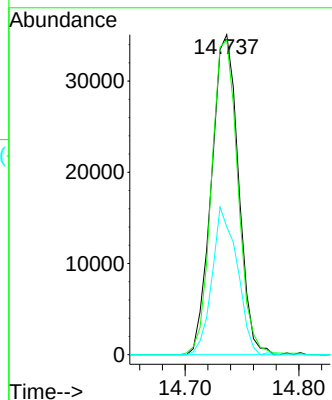
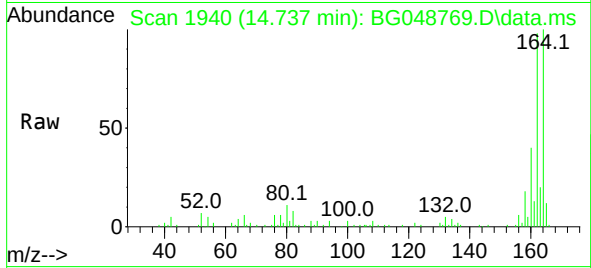




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

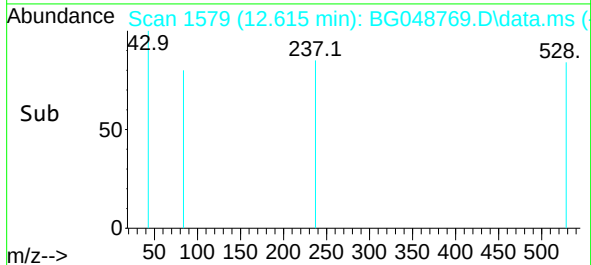
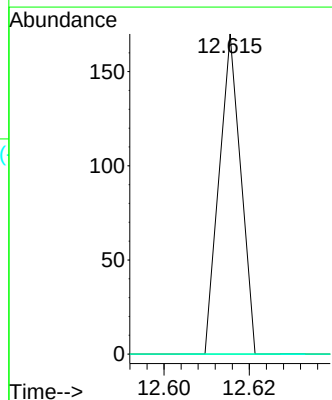
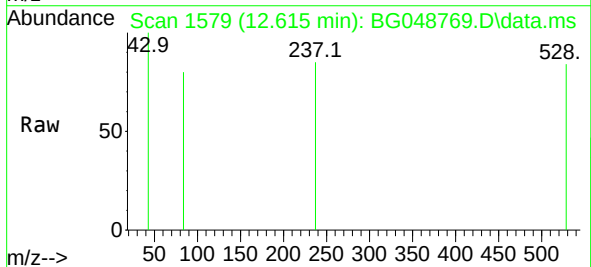
Instrument :
BNA_G
ClientSampleId :
TP-8-D

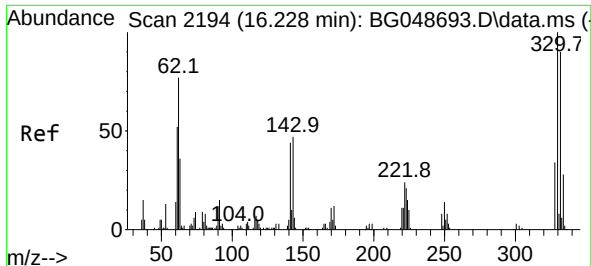
Tgt Ion:164	Resp:	57532
Ion	Ratio	Lower Upper
164	100	
162	98.3	81.4 122.0
160	39.9	34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 12.615 min Scan# 1579
Delta R.T. -0.294 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:237	Resp:	60
Ion	Ratio	Lower Upper
237	100	
235	0.0	36.6 76.6#
272	0.0	0.0 32.5

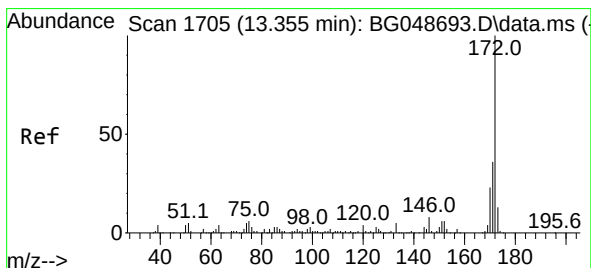
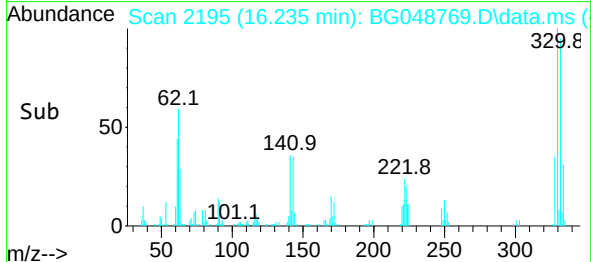
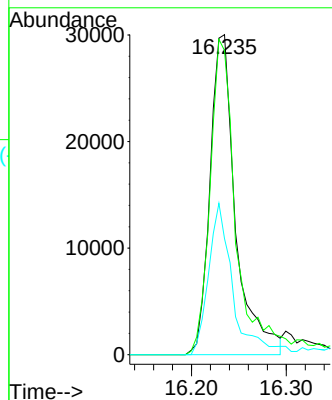
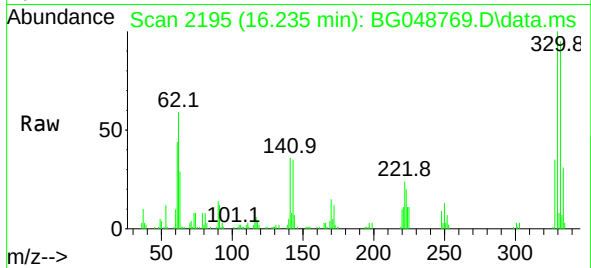




#42
2,4,6-Tribromophenol
Concen: 73.04 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

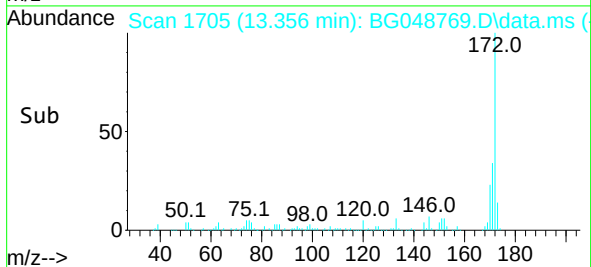
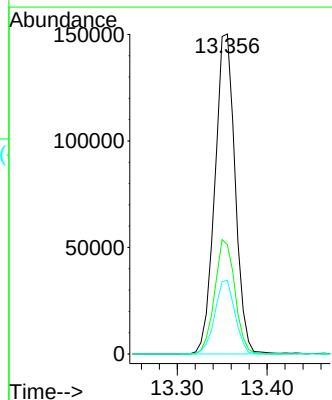
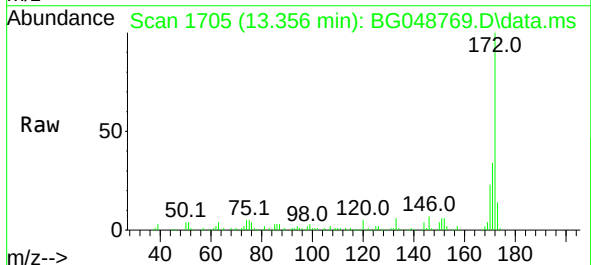
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ClientSampleId :
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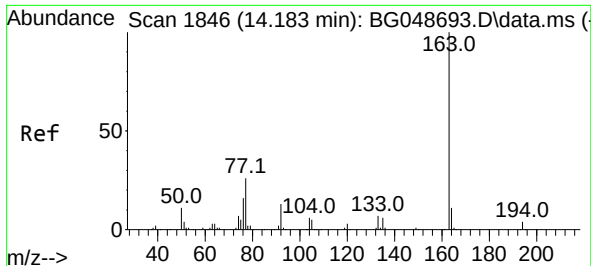
Tgt Ion:330 Resp: 56342
Ion Ratio Lower Upper
330 100
332 99.8 77.3 115.9
141 45.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 58.97 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:172 Resp: 234925
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 23.1 18.6 27.8

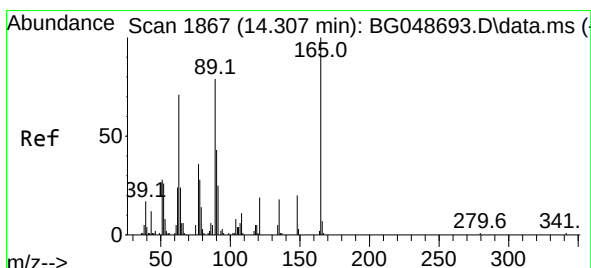
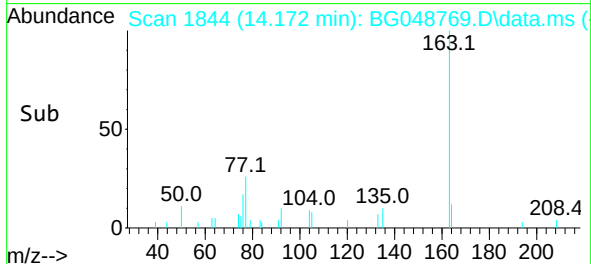
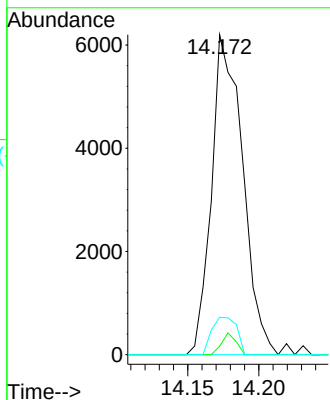
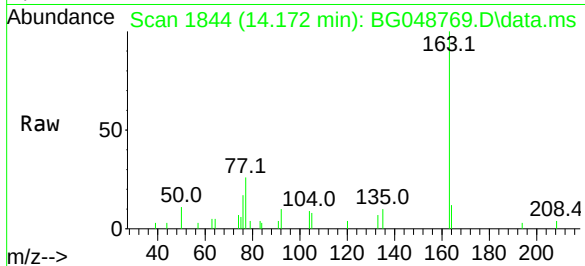




#50
Dimethylphthalate
Concen: 2.18 ng
RT: 14.172 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

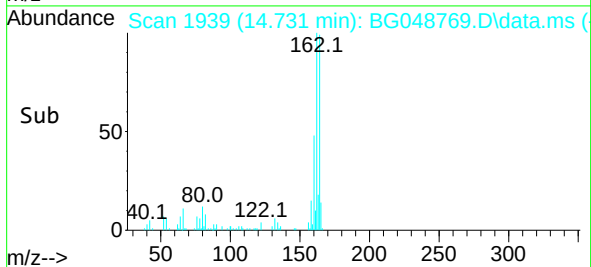
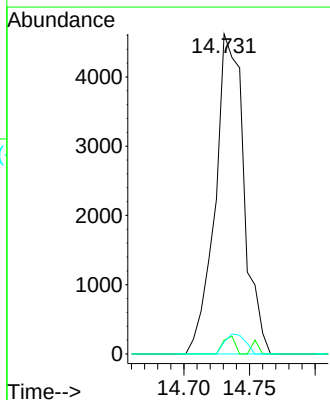
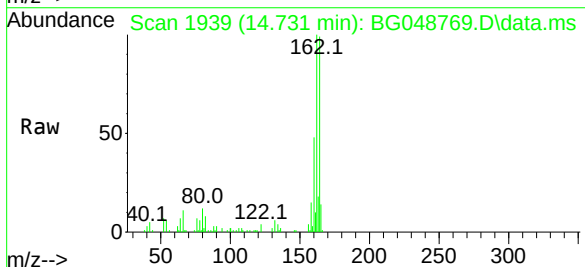
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BNA_G
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TP-8-D

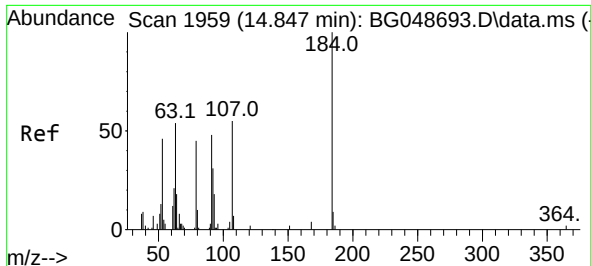
Tgt Ion:163 Resp: 9427
Ion Ratio Lower Upper
163 100
194 2.7 3.0 4.6#
164 11.7 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.05 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.417 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:165 Resp: 7024
Ion Ratio Lower Upper
165 100
63 4.3 63.3 94.9#
89 3.7 63.4 95.0#

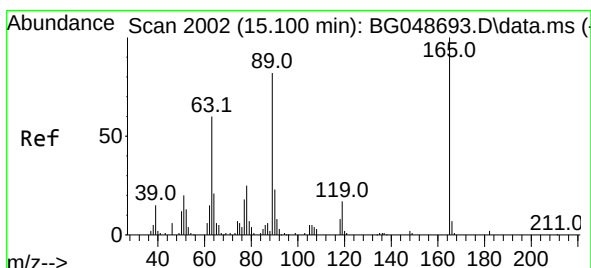
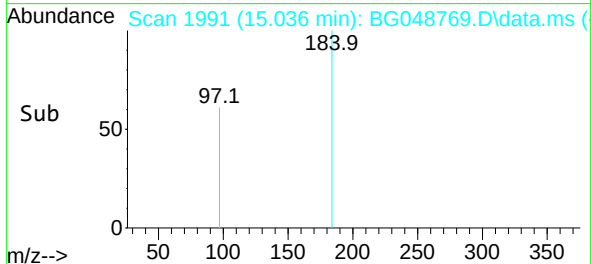
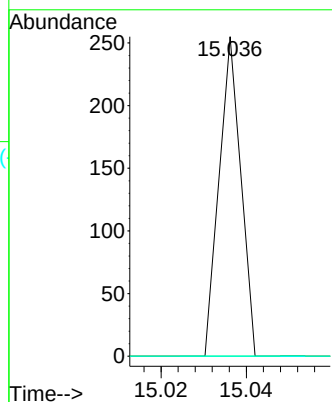
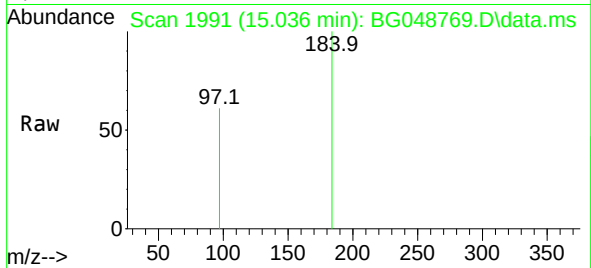




#54
2,4-Dinitrophenol
Concen: 5.42 ng
RT: 15.036 min Scan# 1991
Delta R.T. 0.182 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

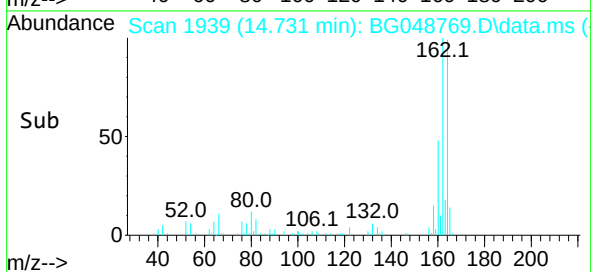
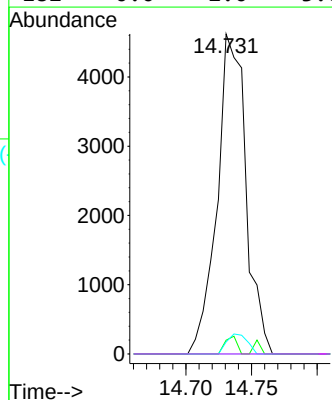
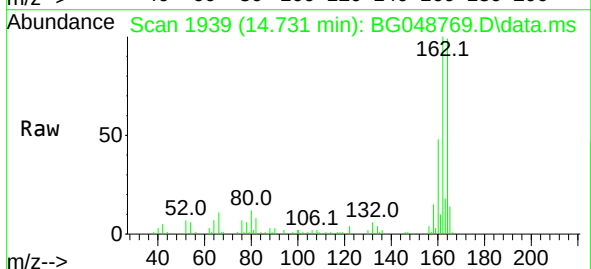
Instrument :
BNA_G
ClientSampled :
TP-8-D

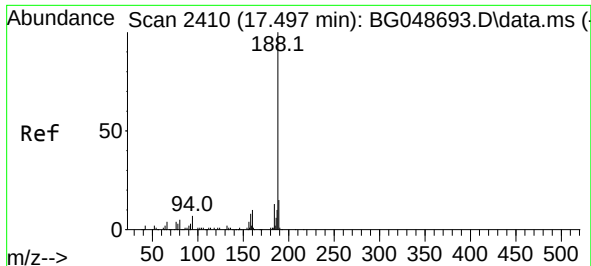
Tgt Ion:184 Resp: 90
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 4.86 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.371 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:165 Resp: 7024
Ion Ratio Lower Upper
165 100
63 4.3 48.0 72.0#
89 3.7 65.4 98.0#
182 0.0 2.0 3.0#

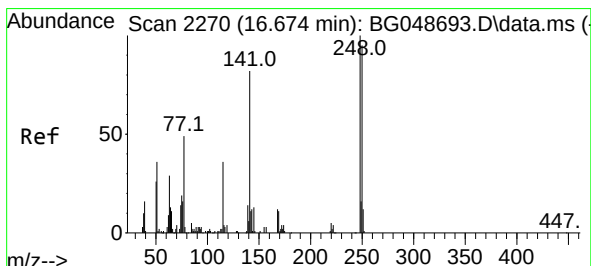
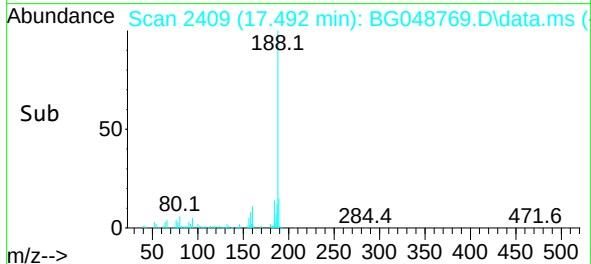
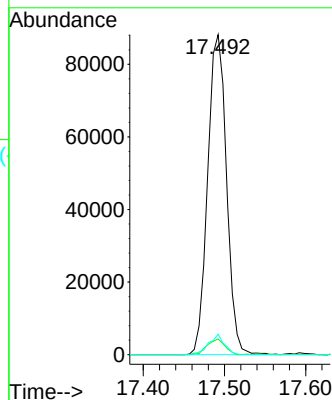
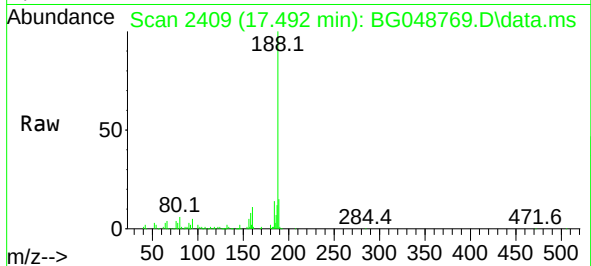




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

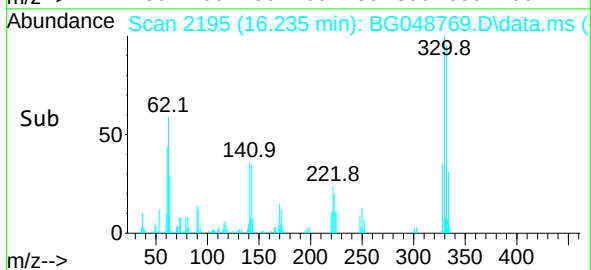
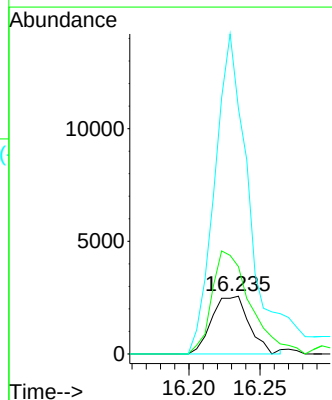
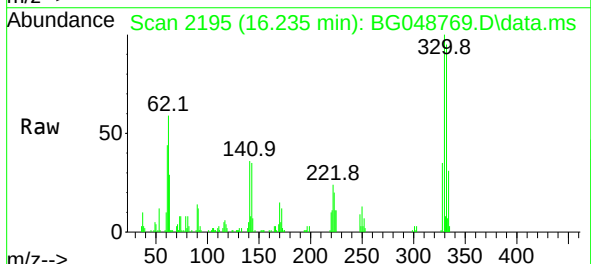
Instrument :
BNA_G
ClientSampleId :
TP-8-D

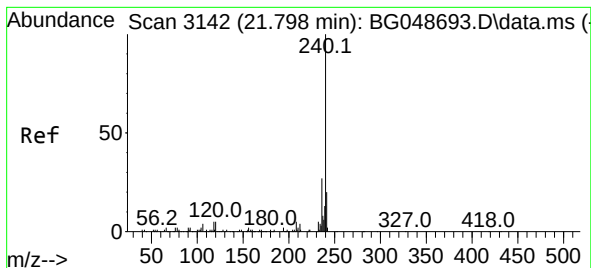
Tgt Ion:188 Resp: 141876
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.441 min
Lab File: BG048769.D
Acq: 19 Apr 2021 16:54

Tgt Ion:248 Resp: 4683
Ion Ratio Lower Upper
248 100
250 151.4 76.1 114.1#
141 424.9 65.4 98.2#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.787 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BG048769.D

Acq: 19 Apr 2021 16:54

Tgt Ion:240 Resp: 128297

Ion Ratio Lower Upper

240 100

120 5.2 4.2 6.2

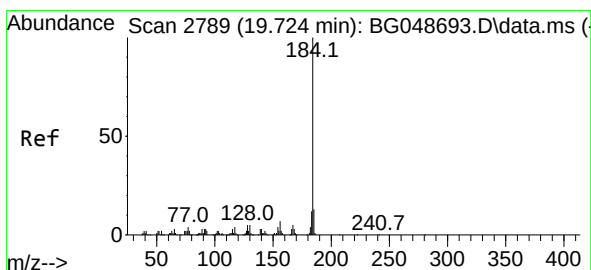
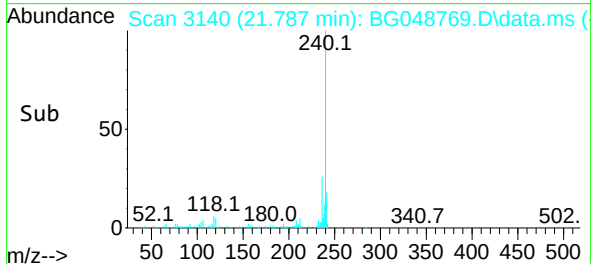
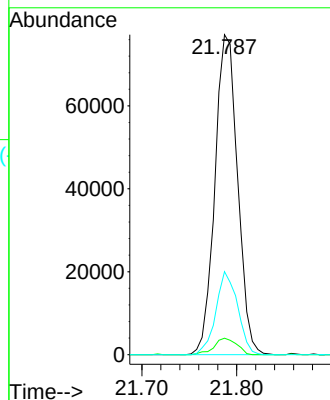
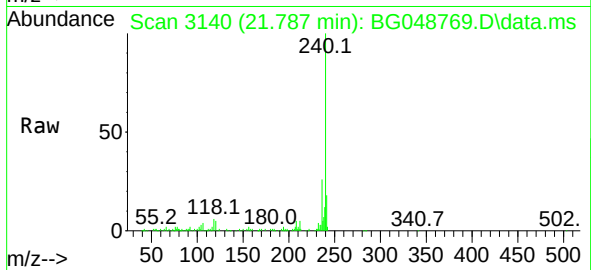
236 25.9 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

TP-8-D



#77

Benzidine

Concen: 2.69 ng

RT: 20.101 min Scan# 2853

Delta R.T. 0.370 min

Lab File: BG048769.D

Acq: 19 Apr 2021 16:54

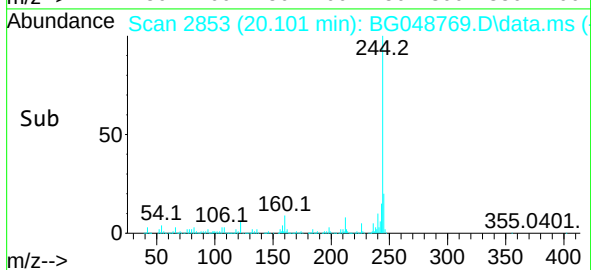
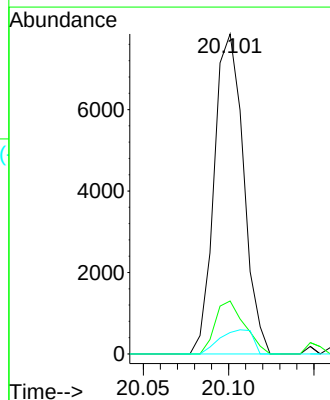
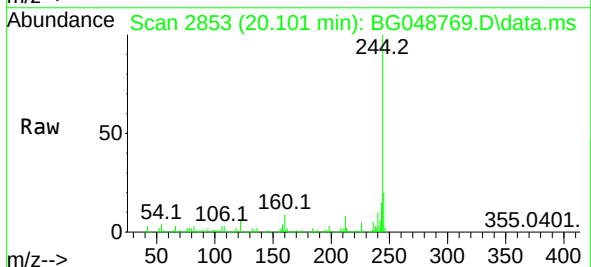
Tgt Ion:184 Resp: 9382

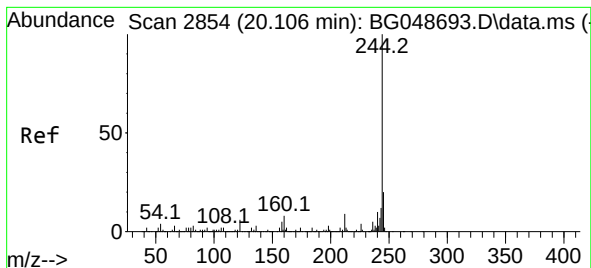
Ion Ratio Lower Upper

184 100

185 16.5 10.7 16.1#

183 6.7 9.4 14.0#





#79

Terphenyl-d14

Concen: 59.76 ng

RT: 20.101 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BG048769.D

Acq: 19 Apr 2021 16:54

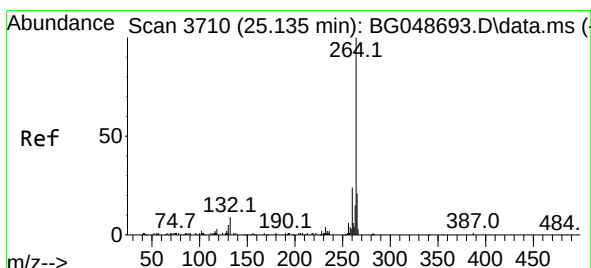
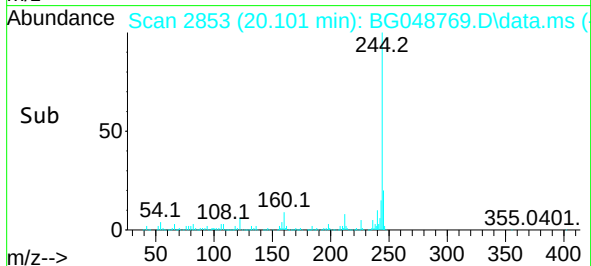
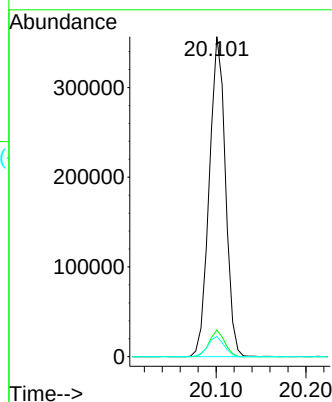
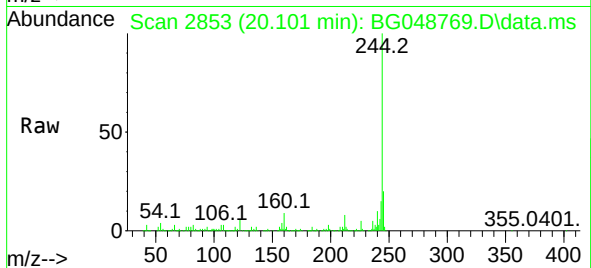
Tgt Ion:244 Resp: 445468

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 6.4 5.0 7.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.118 min Scan# 3707

Delta R.T. -0.024 min

Lab File: BG048769.D

Acq: 19 Apr 2021 16:54

Tgt Ion:264 Resp: 129408

Ion Ratio Lower Upper

264 100

260 20.0 19.4 29.2

265 17.0 16.9 25.3

