

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049819.D
 Acq On : 12 Aug 2021 15:46
 Operator : CG/JU
 Sample : M3339-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-080921

Quant Time: Aug 12 16:21:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

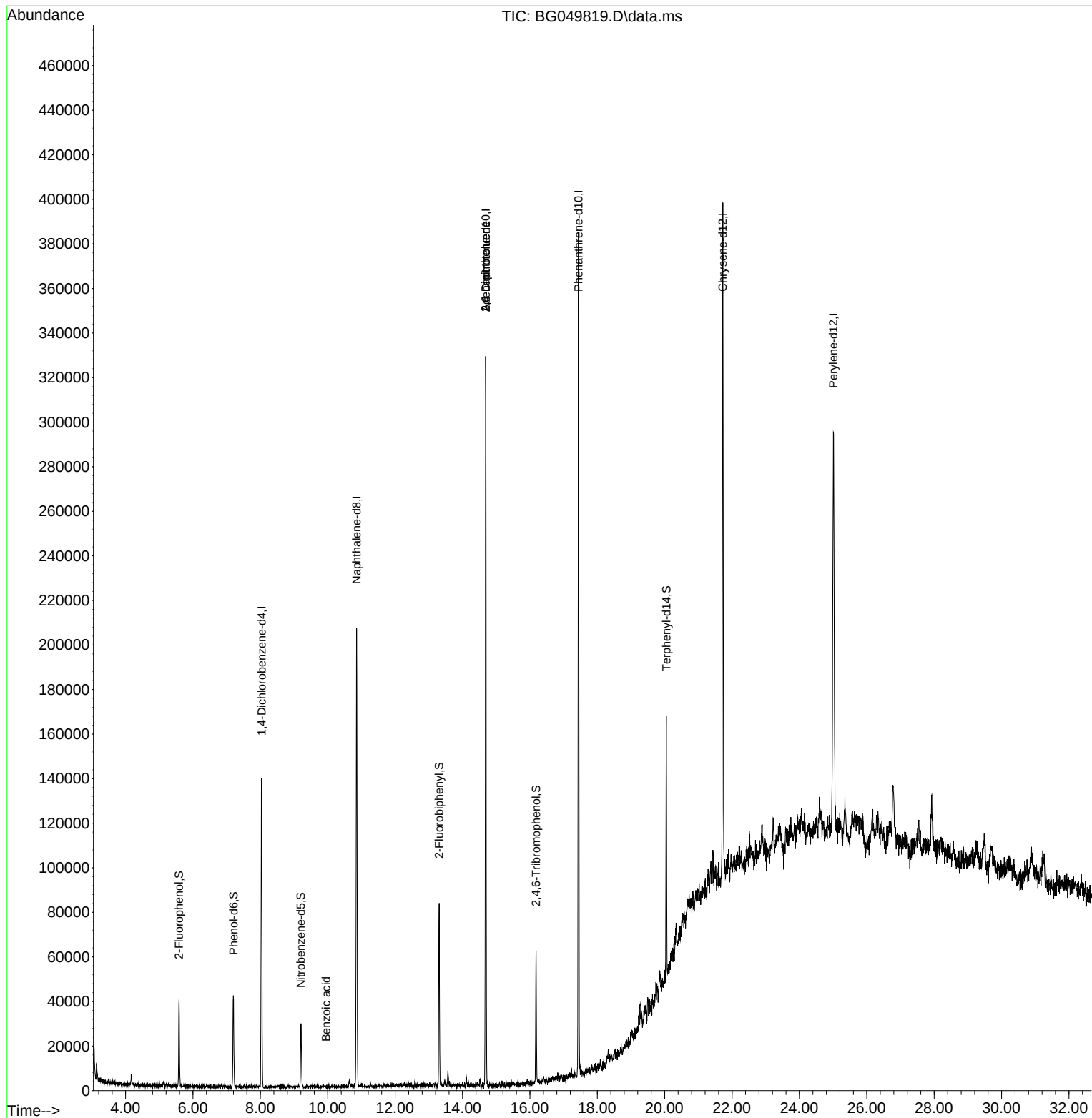
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	38146	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	173413	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	118378	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	221611	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	182523	20.000	ng	0.00
86) Perylene-d12	25.008	264	192397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	16675	7.836	ng	0.00
7) Phenol-d6	7.203	99	24784	7.694	ng	0.00
23) Nitrobenzene-d5	9.200	82	17596	4.490	ng	-0.02
42) 2,4,6-Tribromophenol	16.185	330	12149	6.982	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	42211	5.188	ng	0.00
79) Terphenyl-d14	20.050	244	53246	5.298	ng	0.00
Target Compounds						
32) Benzoic acid	9.952	122	66	4.982	ng	# 1
51) 2,6-Dinitrotoluene	14.687	165	15004	7.630	ng	# 12
57) 2,4-Dinitrotoluene	14.687	165	15004	5.432	ng	# 18

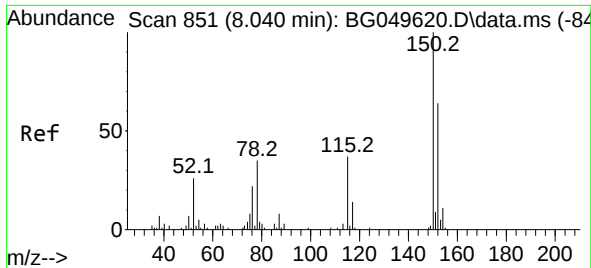
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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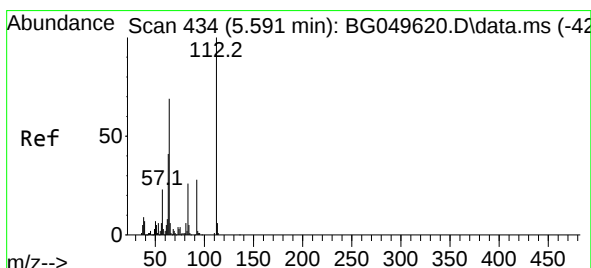
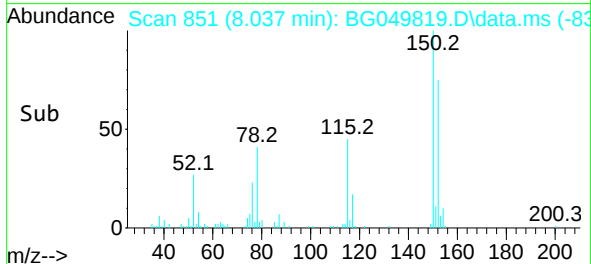
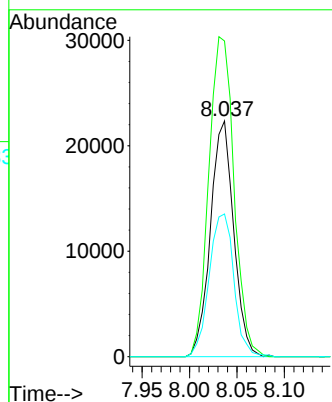
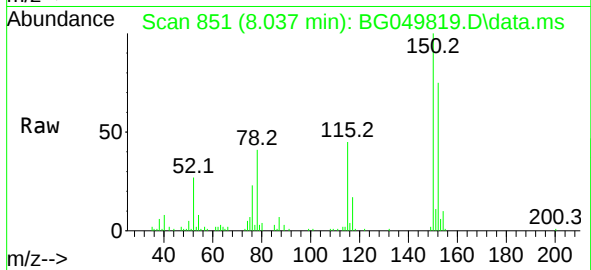




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

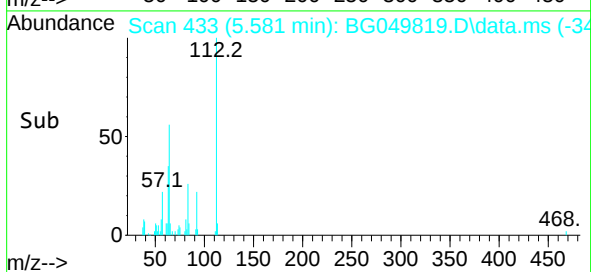
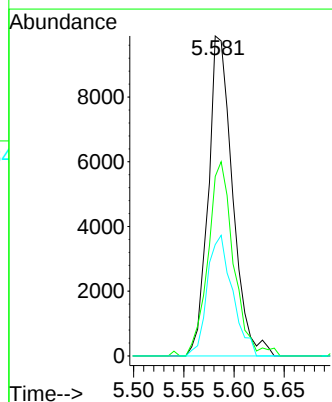
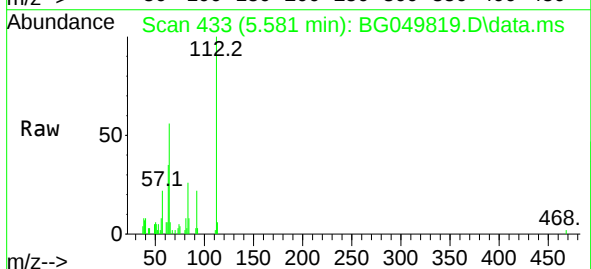
Instrument :
BNA_G
ClientSampleId :
OK-01-080921

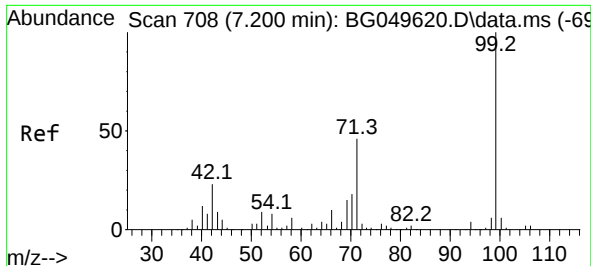
Tgt Ion:152 Resp: 38146
Ion Ratio Lower Upper
152 100
150 133.9 119.4 179.0
115 60.6 60.2 90.4



#5
2-Fluorophenol
Concen: 7.836 ng
RT: 5.581 min Scan# 433
Delta R.T. -0.009 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

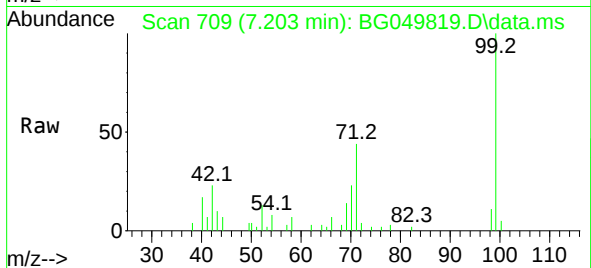
Tgt Ion:112 Resp: 16675
Ion Ratio Lower Upper
112 100
64 56.1 46.7 70.1
63 34.8 35.3 52.9#



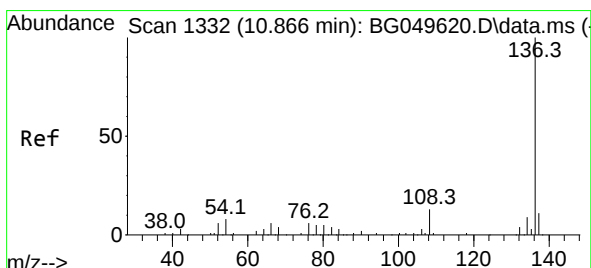
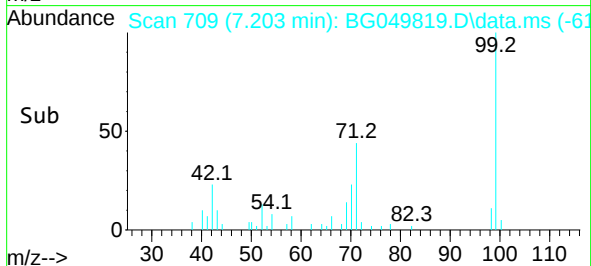
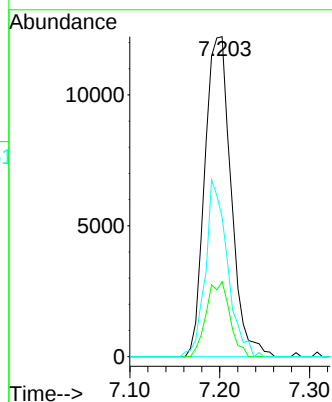


#7
Phenol-d6
Concen: 7.694 ng
RT: 7.203 min Scan# 709
Delta R.T. 0.002 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

Instrument :
BNA_G
ClientSampleId :
OK-01-080921

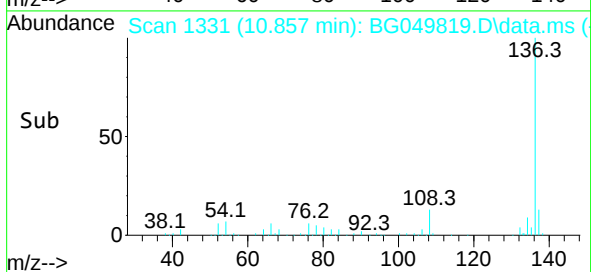
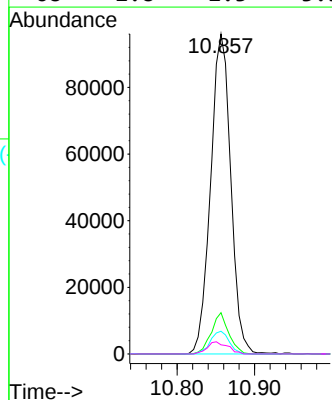
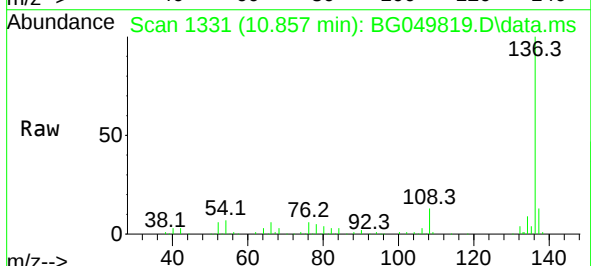


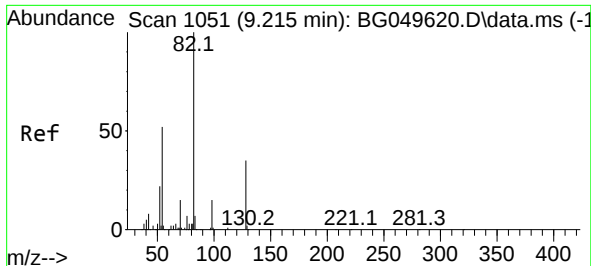
Tgt Ion: 99 Resp: 24784
Ion Ratio Lower Upper
99 100
42 23.5 20.5 30.7
71 43.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.857 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

Tgt Ion: 136 Resp: 173413
Ion Ratio Lower Upper
136 100
137 12.9 8.2 12.2#
54 7.1 5.5 8.3
68 2.8 2.3 3.5





#23

Nitrobenzene-d5

Concen: 4.490 ng

RT: 9.200 min Scan# 1049

Delta R.T. -0.015 min

Lab File: BG049819.D

Acq: 12 Aug 2021 15:46

Tgt Ion: 82 Resp: 17596

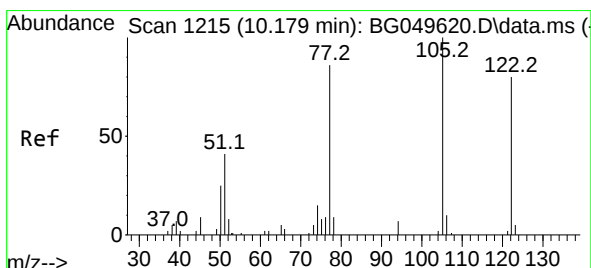
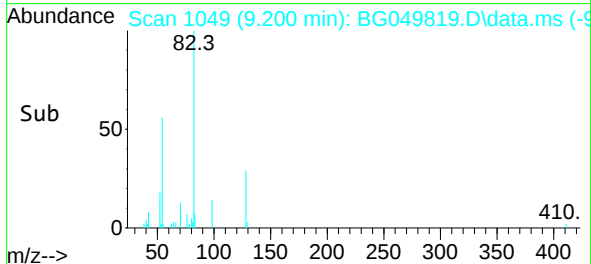
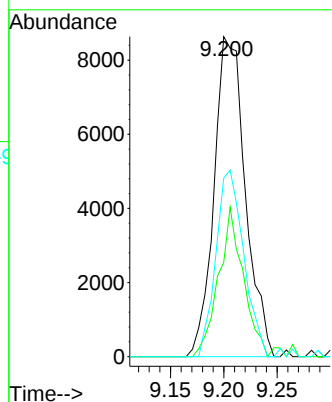
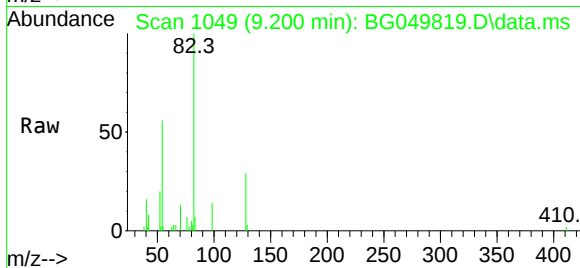
Ion	Ratio	Lower	Upper
82	100		
128	29.4	29.8	44.6#
54	55.8	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

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#32

Benzoic acid

Concen: 4.982 ng

RT: 9.952 min Scan# 1177

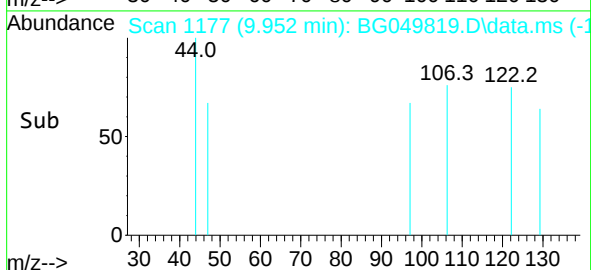
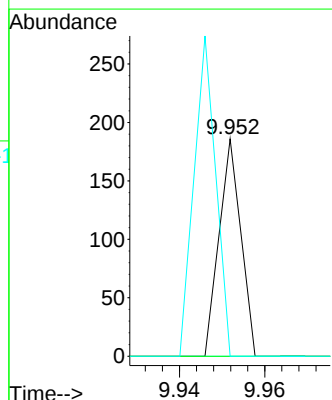
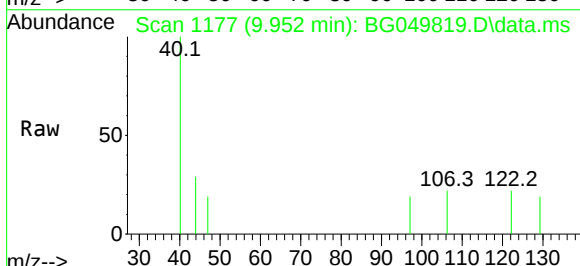
Delta R.T. -0.227 min

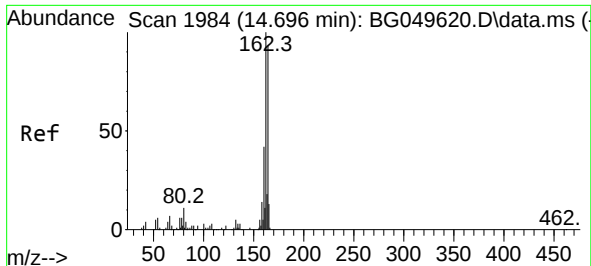
Lab File: BG049819.D

Acq: 12 Aug 2021 15:46

Tgt Ion: 122 Resp: 66

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.3	132.3#
77	0.0	66.5	106.5#

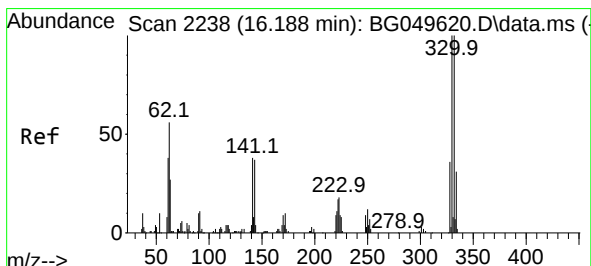
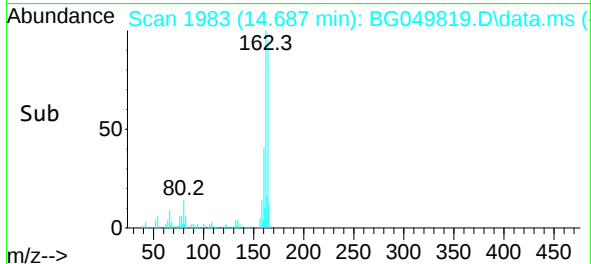
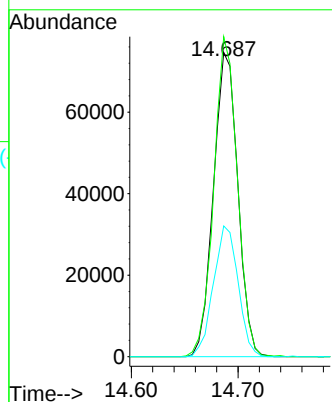
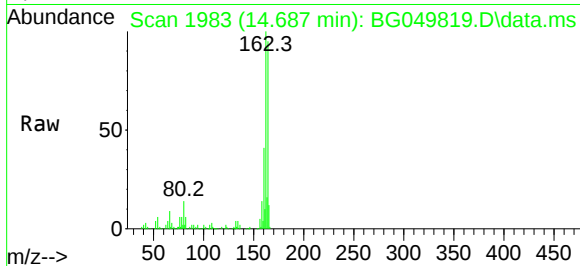




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

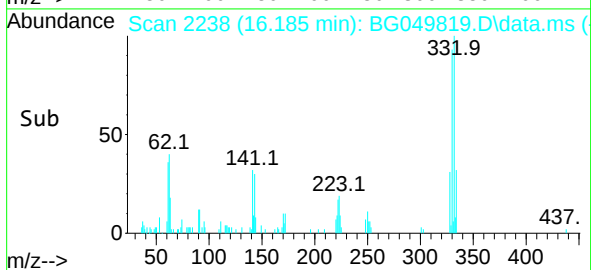
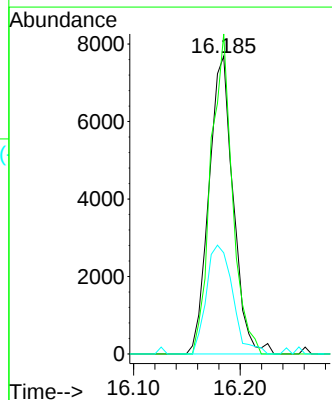
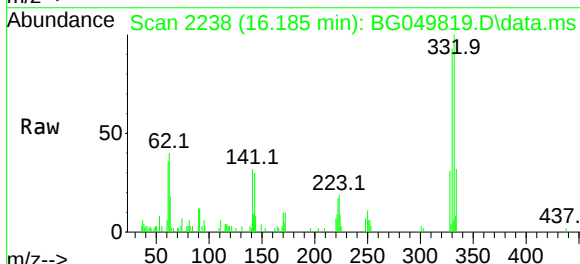
Instrument :
BNA_G
ClientSampleId :
OK-01-080921

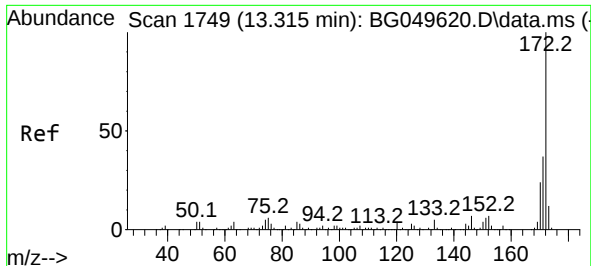
Tgt Ion:164 Resp: 118378
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 43.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 6.982 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

Tgt Ion:330 Resp: 12149
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 39.7 35.6 53.4

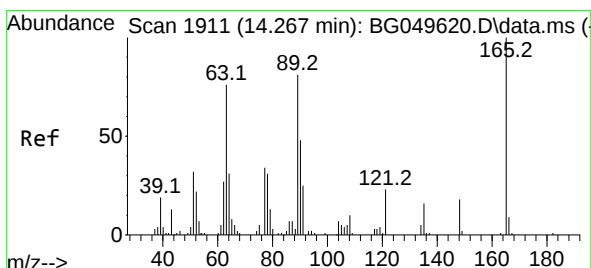
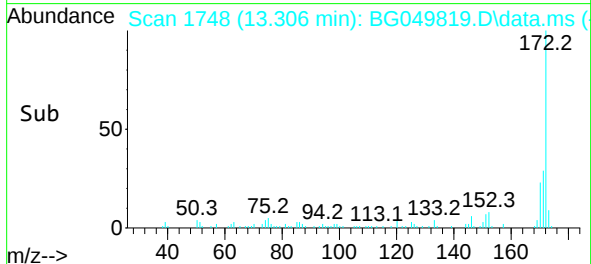
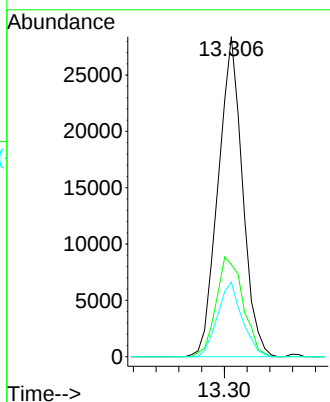
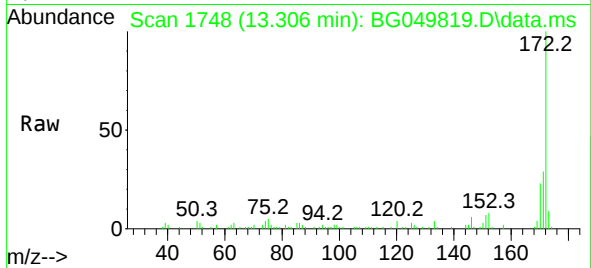




#45
2-Fluorobiphenyl
Concen: 5.188 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

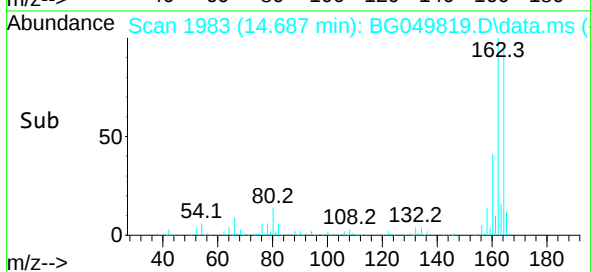
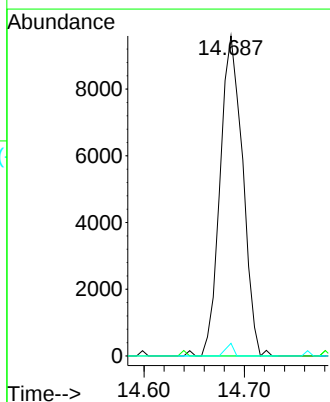
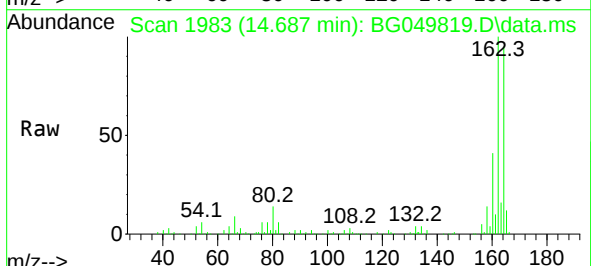
Instrument :
BNA_G
ClientSampleId :
OK-01-080921

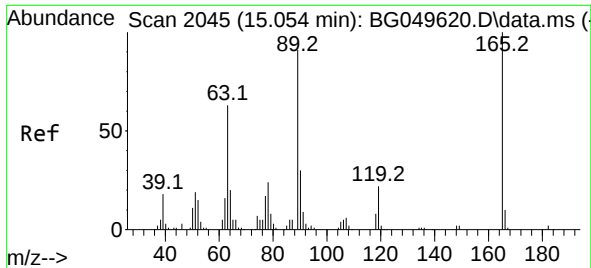
Tgt Ion:172 Resp: 42211
Ion Ratio Lower Upper
172 100
171 28.8 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 14.687 min Scan# 1983
Delta R.T. 0.420 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

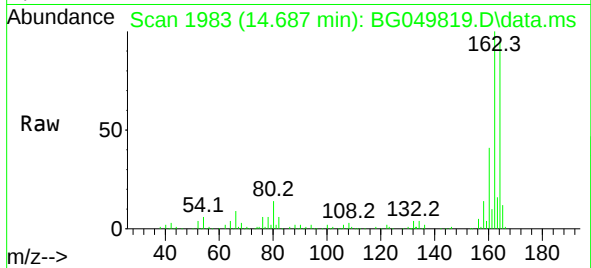
Tgt Ion:165 Resp: 15004
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



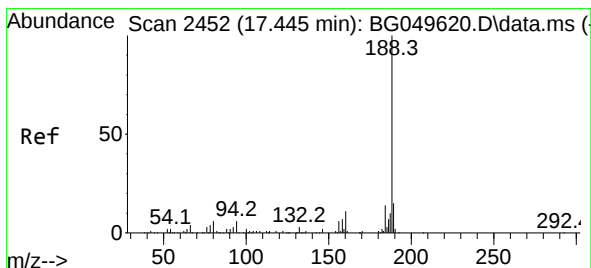
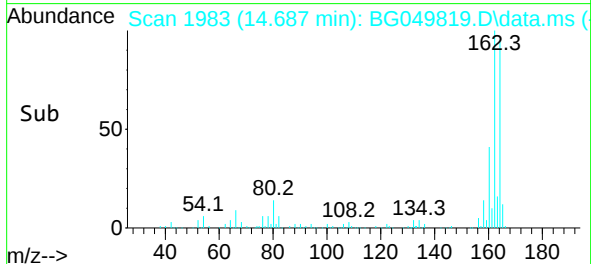
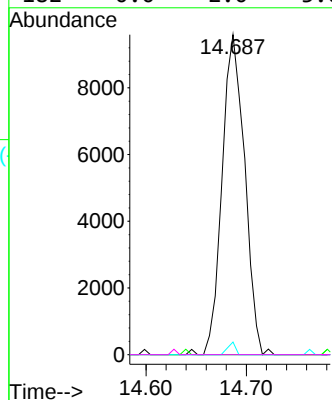


#57
2,4-Dinitrotoluene
Concen: 5.432 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.368 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

Instrument :
BNA_G
ClientSampleId :
OK-01-080921

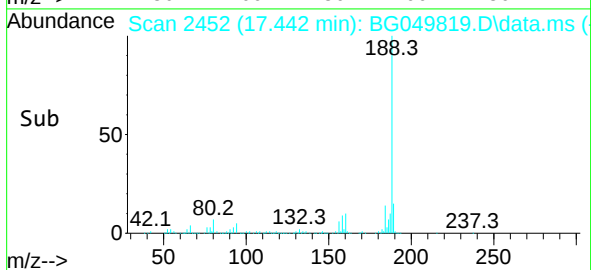
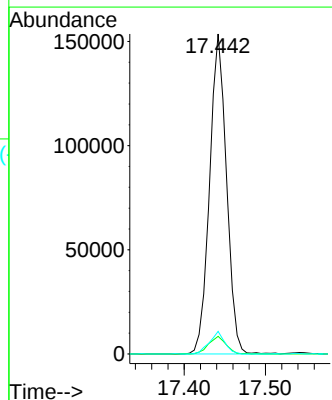
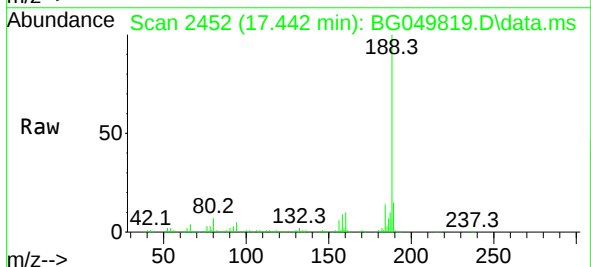


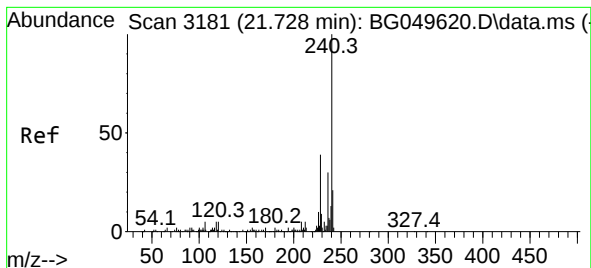
Tgt Ion:165 Resp: 15004
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049819.D
Acq: 12 Aug 2021 15:46

Tgt Ion:188 Resp: 221611
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.1 3.7 5.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.724 min Scan# 3181

Delta R.T. -0.003 min

Lab File: BG049819.D

Acq: 12 Aug 2021 15:46

Tgt Ion:240 Resp: 182523

Ion Ratio Lower Upper

240 100

120 5.4 4.2 6.2

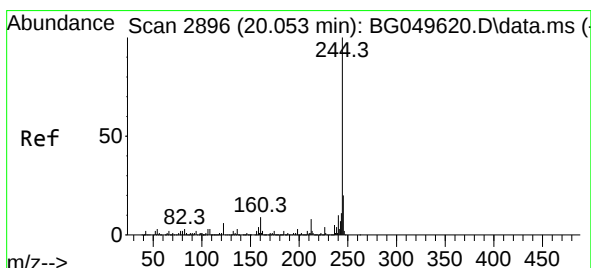
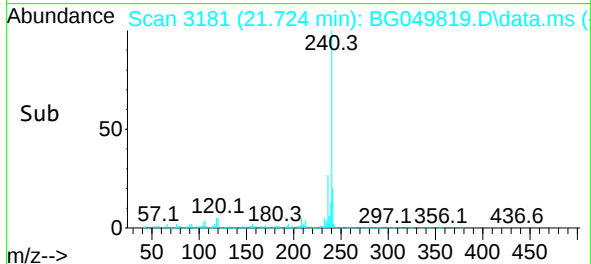
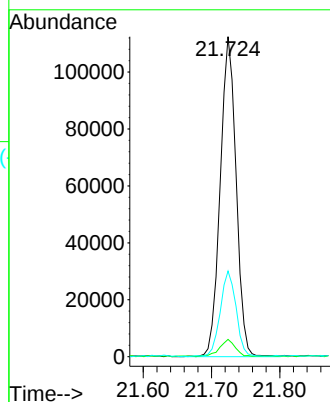
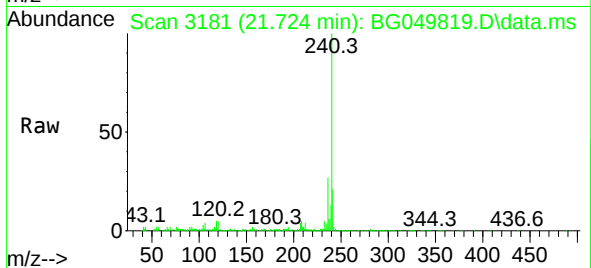
236 26.8 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

OK-01-080921



#79

Terphenyl-d14

Concen: 5.298 ng

RT: 20.050 min Scan# 2896

Delta R.T. -0.003 min

Lab File: BG049819.D

Acq: 12 Aug 2021 15:46

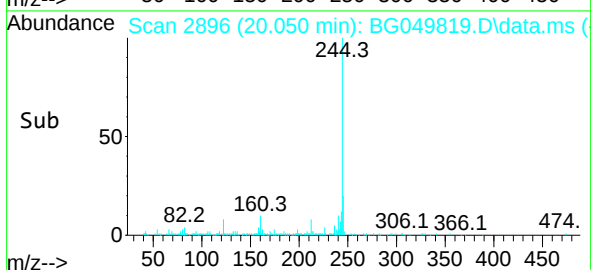
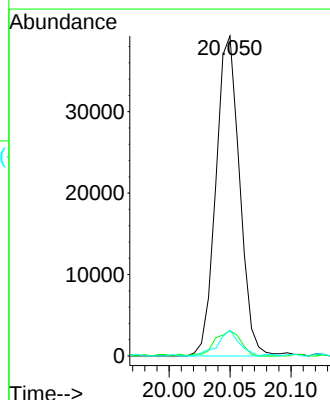
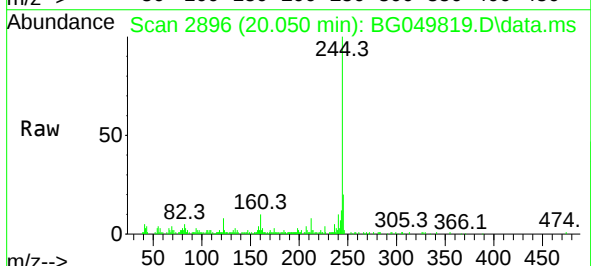
Tgt Ion:244 Resp: 53246

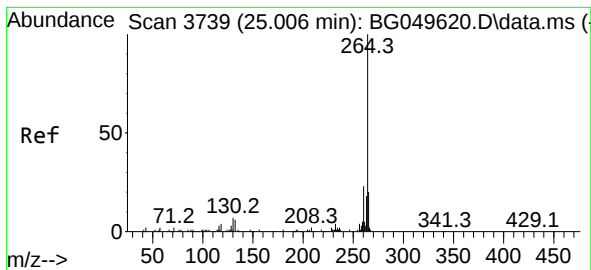
Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

122 8.1 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3740
 Delta R.T. 0.002 min
 Lab File: BG049819.D
 Acq: 12 Aug 2021 15:46

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-080921

Tgt Ion:264 Resp: 192397
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 20.4 16.9 25.3

