

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049608.D
 Acq On : 2 Aug 2021 19:32
 Operator : CG/JU
 Sample : PB138104BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138104BL

Quant Time: Aug 03 01:19:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 01:17:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	29235	20.000	ng	0.00
21) Naphthalene-d8	10.862	136	124965	20.000	ng	#-0.01
39) Acenaphthene-d10	14.692	164	92259	20.000	ng	-0.01
64) Phenanthrene-d10	17.441	188	216253	20.000	ng	#-0.01
76) Chrysene-d12	21.724	240	228829	20.000	ng	-0.01
86) Perylene-d12	25.001	264	226972	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	195705	113.575	ng	-0.01
7) Phenol-d6	7.202	99	263553	105.021	ng	0.00
23) Nitrobenzene-d5	9.211	82	186723	66.947	ng	-0.01
42) 2,4,6-Tribromophenol	16.184	330	138490	112.091	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	415921	64.869	ng	0.00
79) Terphenyl-d14	20.055	244	841495	71.818	ng	0.00

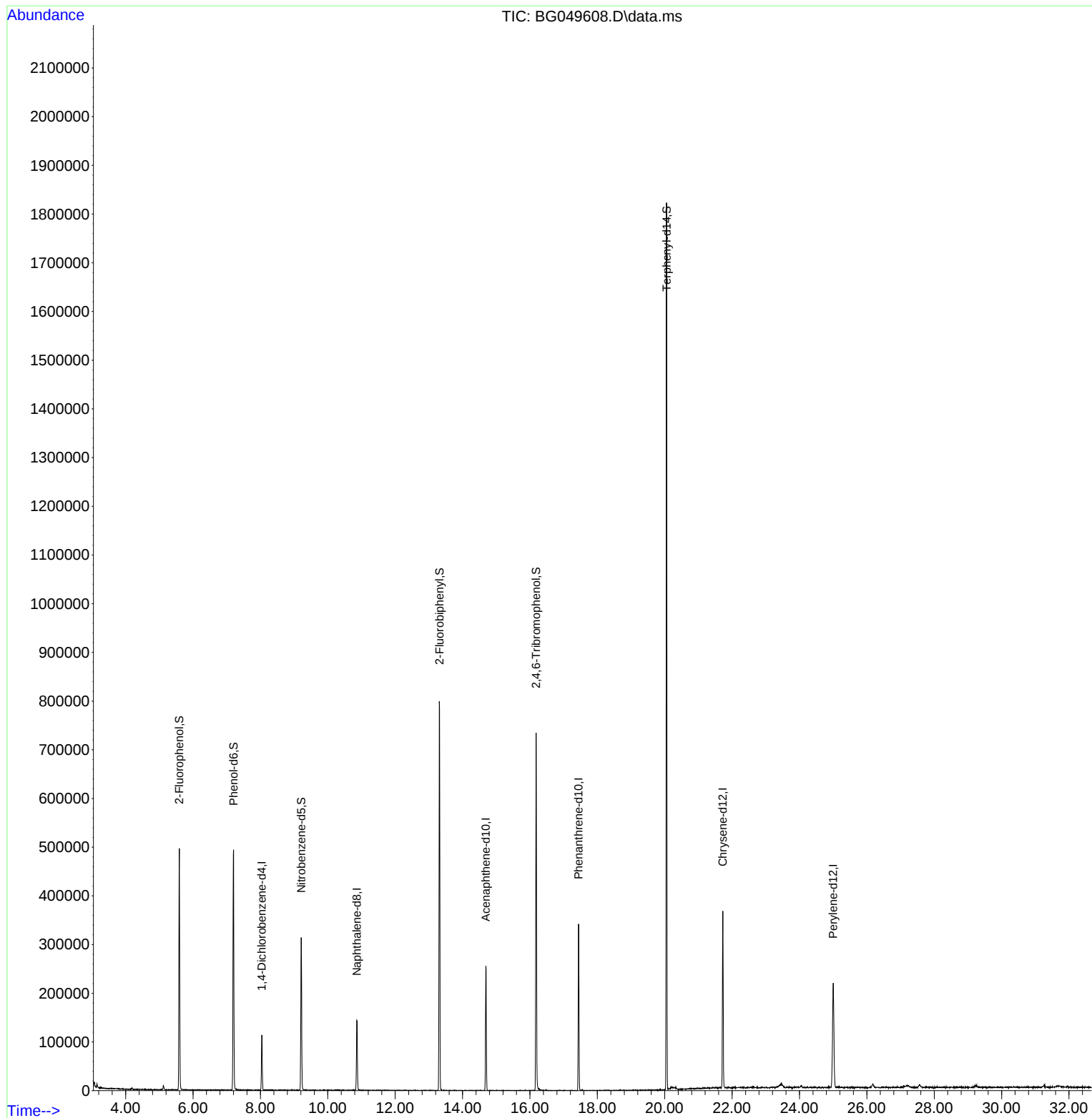
Target Compounds	Qvalue

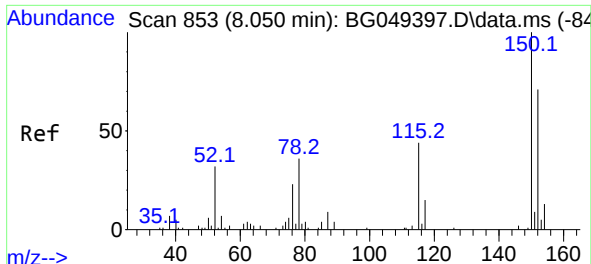
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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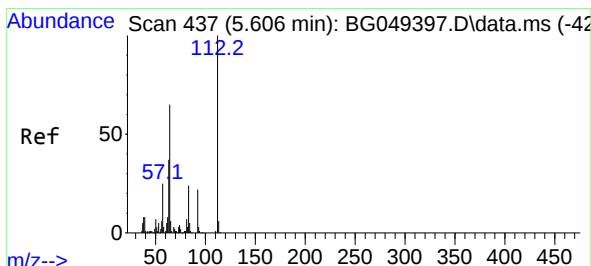
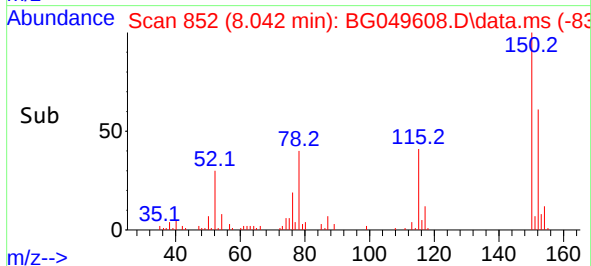
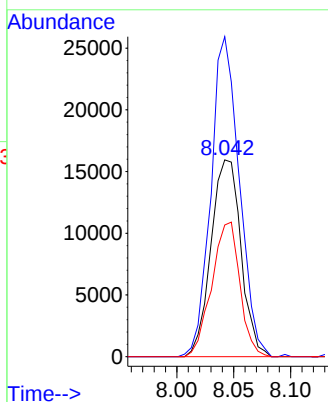
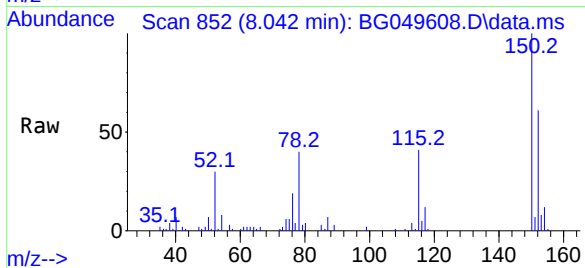




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.042 min Scan# 852
Delta R.T. -0.008 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

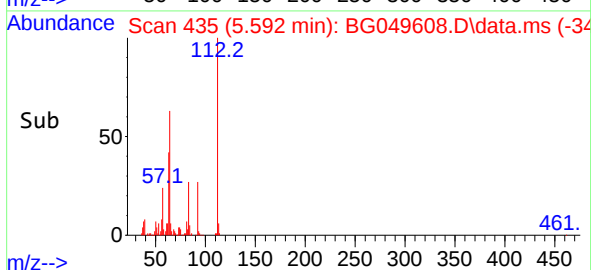
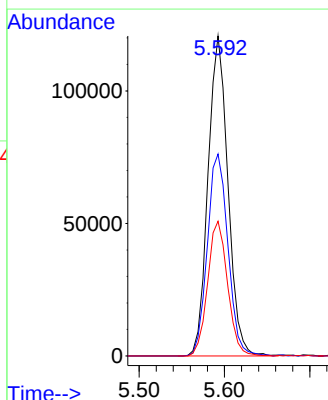
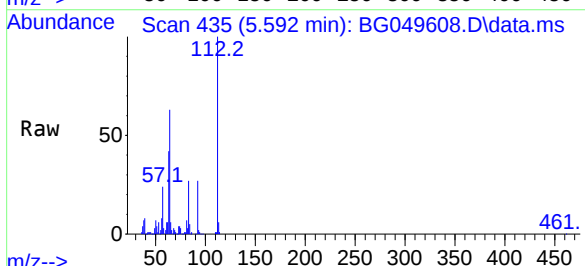
Instrument :
BNA_G
ClientSampleId :
PB138104BL

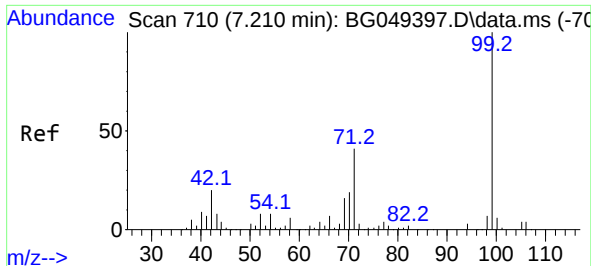
Tgt Ion:152 Resp: 29235
Ion Ratio Lower Upper
152 100
150 162.6 119.4 179.0
115 66.9 60.2 90.4



#5
2-Fluorophenol
Concen: 113.575 ng
RT: 5.592 min Scan# 435
Delta R.T. -0.014 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

Tgt Ion:112 Resp: 195705
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 42.1 35.3 52.9

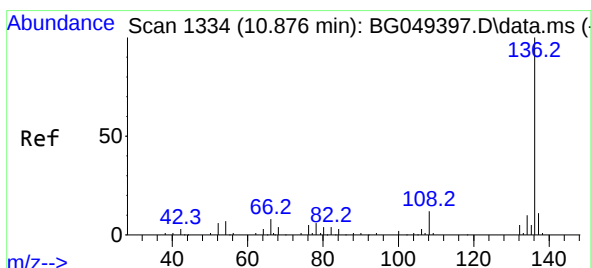
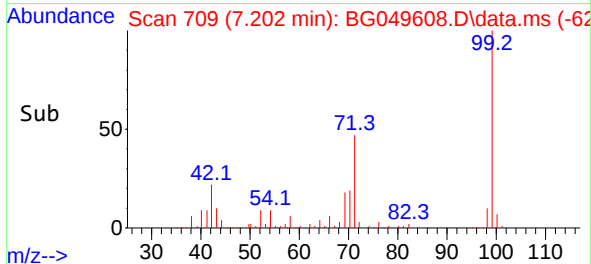
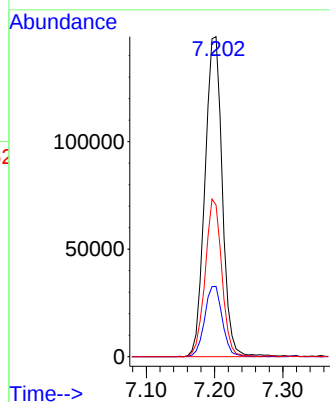
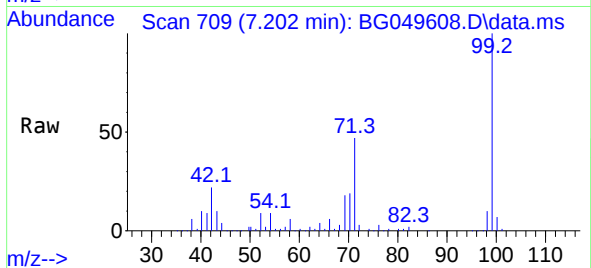




#7
Phenol-d6
Concen: 105.021 ng
RT: 7.202 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

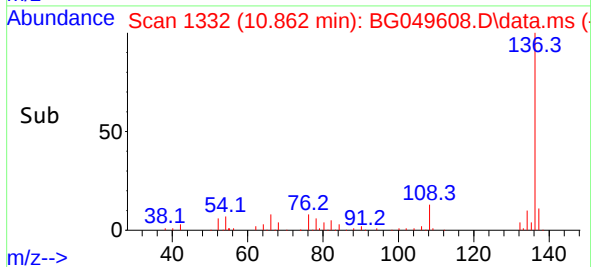
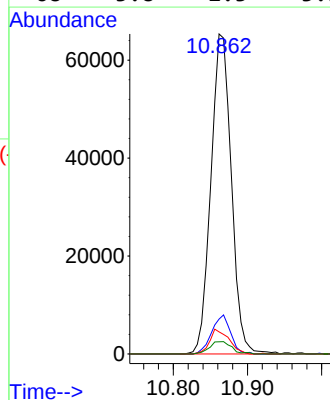
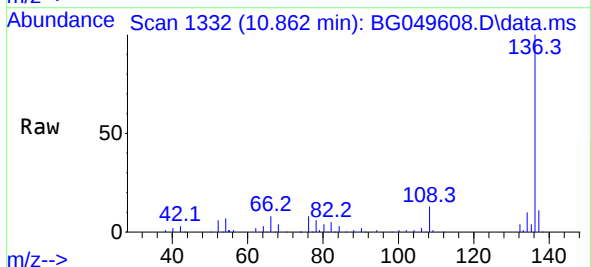
Instrument :
BNA_G
ClientSampleId :
PB138104BL

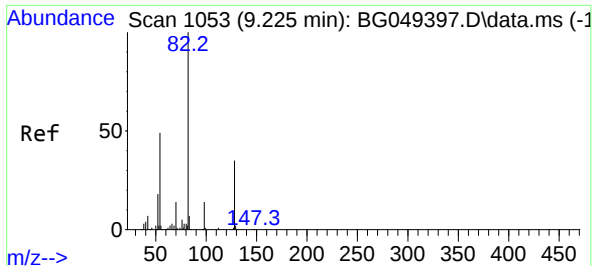
Tgt Ion: 99 Resp: 263553
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 47.4 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.862 min Scan# 1332
Delta R.T. -0.014 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

Tgt Ion: 136 Resp: 124965
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 6.9 5.5 8.3
68 3.8 2.3 3.5#

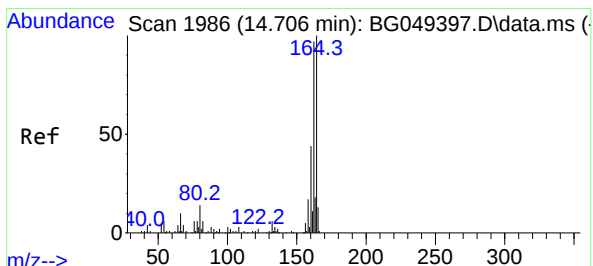
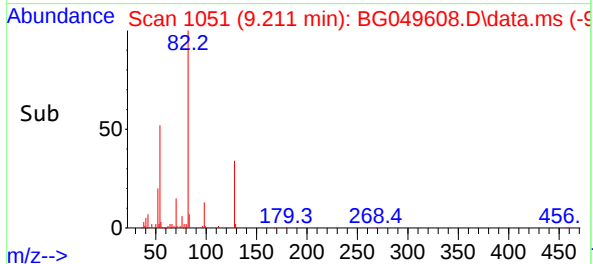
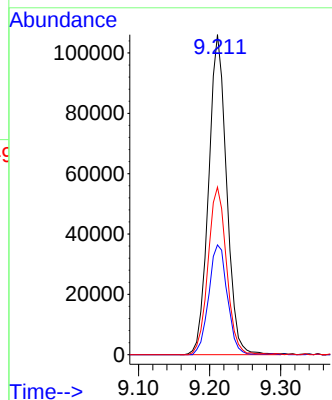
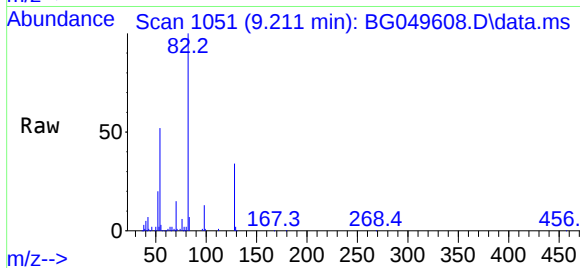




#23
Nitrobenzene-d5
Concen: 66.947 ng
RT: 9.211 min Scan# 1051
Delta R.T. -0.014 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

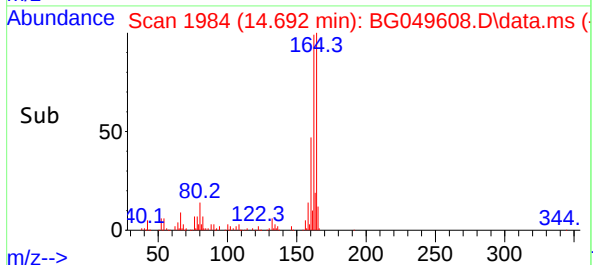
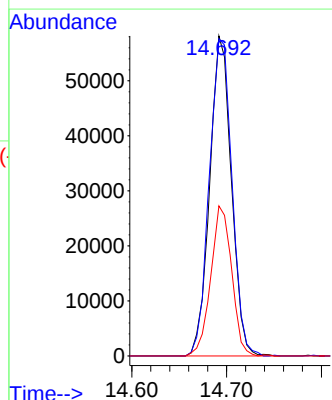
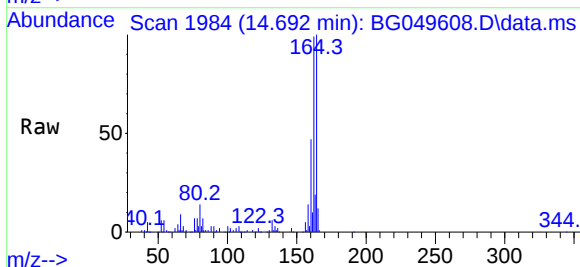
Instrument :
BNA_G
ClientSampleId :
PB138104BL

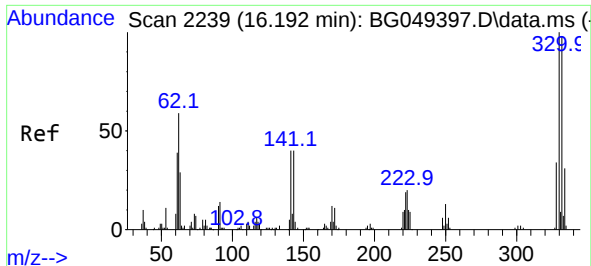
Tgt Ion: 82 Resp: 186723
Ion Ratio Lower Upper
82 100
128 34.3 29.8 44.6
54 52.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1984
Delta R.T. -0.014 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

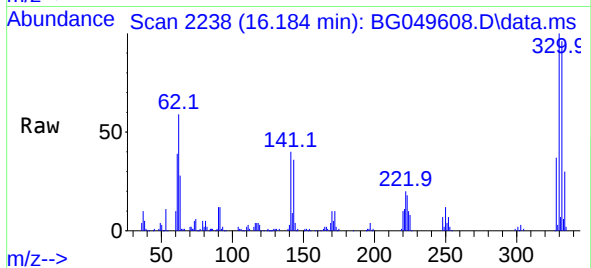
Tgt Ion:164 Resp: 92259
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 46.9 34.9 52.3



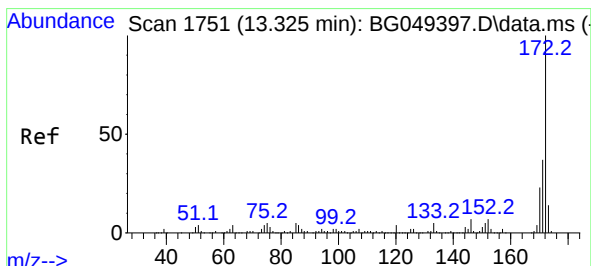
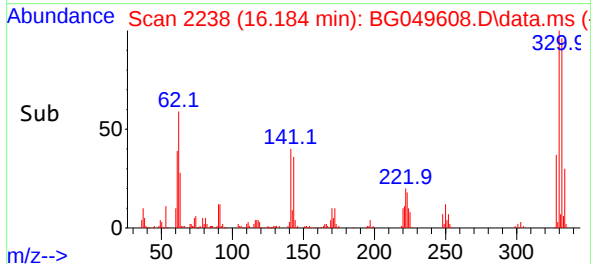
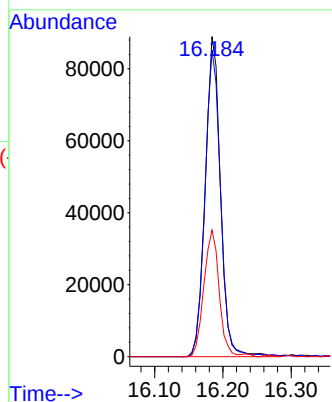


#42
2,4,6-Tribromophenol
Concen: 112.091 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.008 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

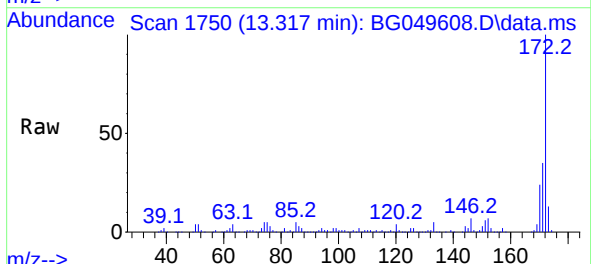
Instrument :
BNA_G
ClientSampleId :
PB138104BL



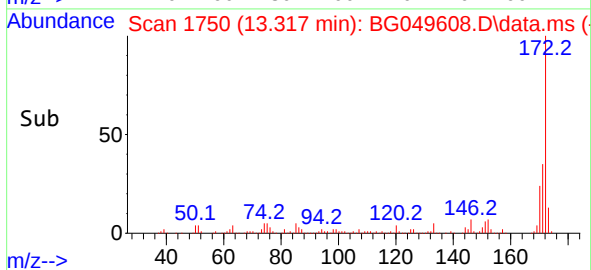
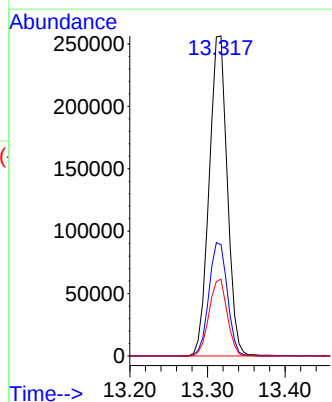
Tgt Ion:330 Resp: 138490
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 39.3 35.6 53.4

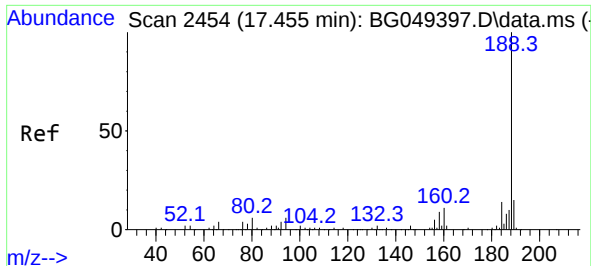


#45
2-Fluorobiphenyl
Concen: 64.869 ng
RT: 13.317 min Scan# 1750
Delta R.T. -0.008 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32



Tgt Ion:172 Resp: 415921
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 24.0 18.6 27.8

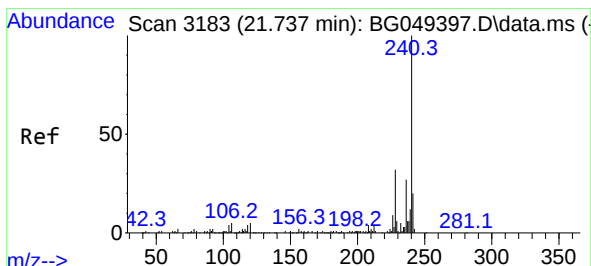
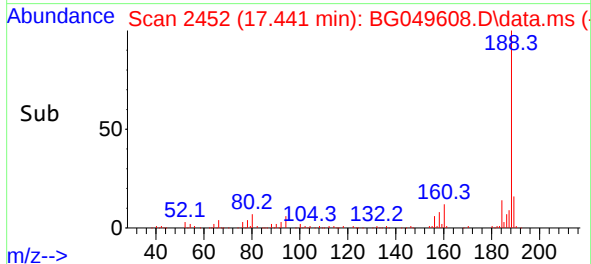
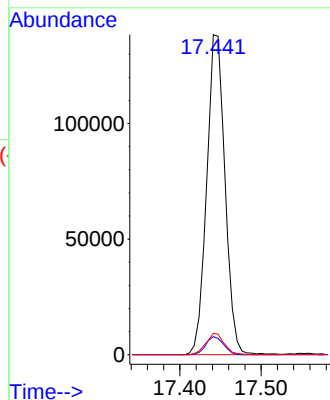
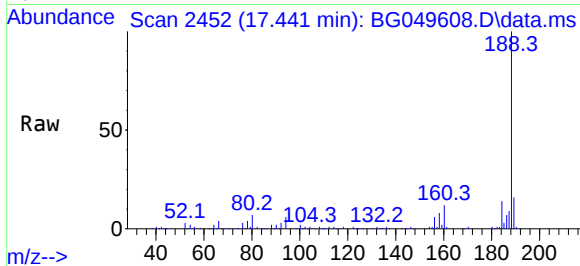




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.014 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

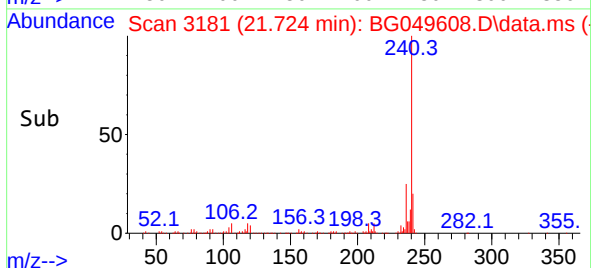
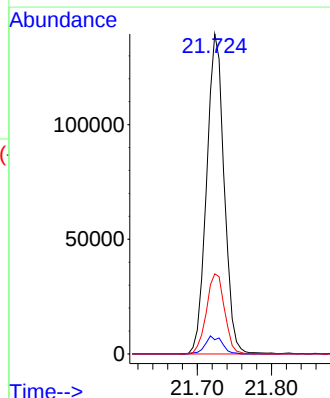
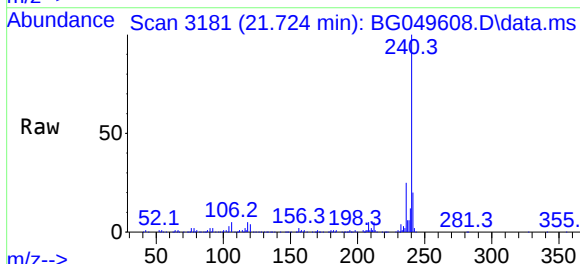
Instrument :
BNA_G
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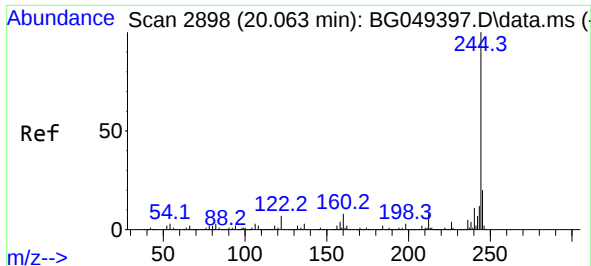
Tgt Ion:188 Resp: 216253
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.013 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

Tgt Ion:240 Resp: 228829
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 25.0 21.8 32.6

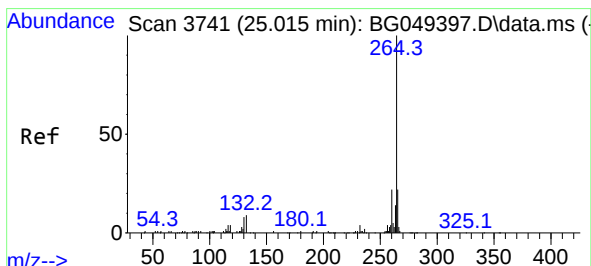
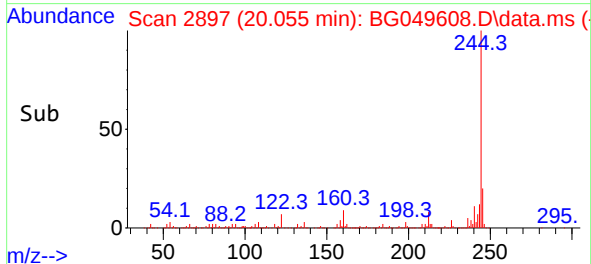
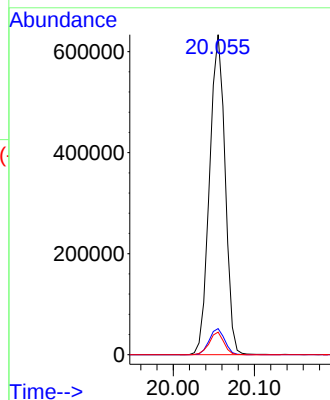
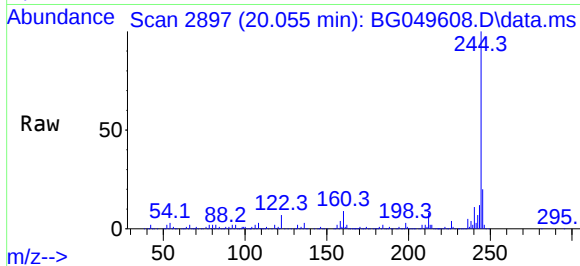




#79
Terphenyl-d14
Concen: 71.818 ng
RT: 20.055 min Scan# 2897
Delta R.T. -0.008 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

Instrument :
BNA_G
ClientSampleId :
PB138104BL

Tgt Ion:244 Resp: 841495
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.0 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3739
Delta R.T. -0.014 min
Lab File: BG049608.D
Acq: 2 Aug 2021 19:32

Tgt Ion:264 Resp: 226972
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 19.3 16.9 25.3

