

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050649.D
 Acq On : 20 Oct 2021 17:27
 Operator : CG/JU
 Sample : M4285-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-EB-(1)

Quant Time: Oct 20 18:04:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	39935	20.00	ng	# 0.00
21) Naphthalene-d8	11.074	136	159521	20.00	ng	#-0.01
39) Acenaphthene-d10	14.869	164	100292	20.00	ng	0.00
64) Phenanthrene-d10	17.613	188	218105	20.00	ng	# 0.00
76) Chrysene-d12	21.908	240	223368	20.00	ng	#-0.02
86) Perylene-d12	25.316	264	217549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	286225	107.19	ng	0.00
7) Phenol-d6	7.390	99	379441	98.15	ng	-0.01
23) Nitrobenzene-d5	9.423	82	269522	69.94	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	99672	104.19	ng	-0.01
45) 2-Fluorobiphenyl	13.494	172	477885	71.71	ng	-0.01
79) Terphenyl-d14	20.198	244	772234	67.38	ng	-0.01

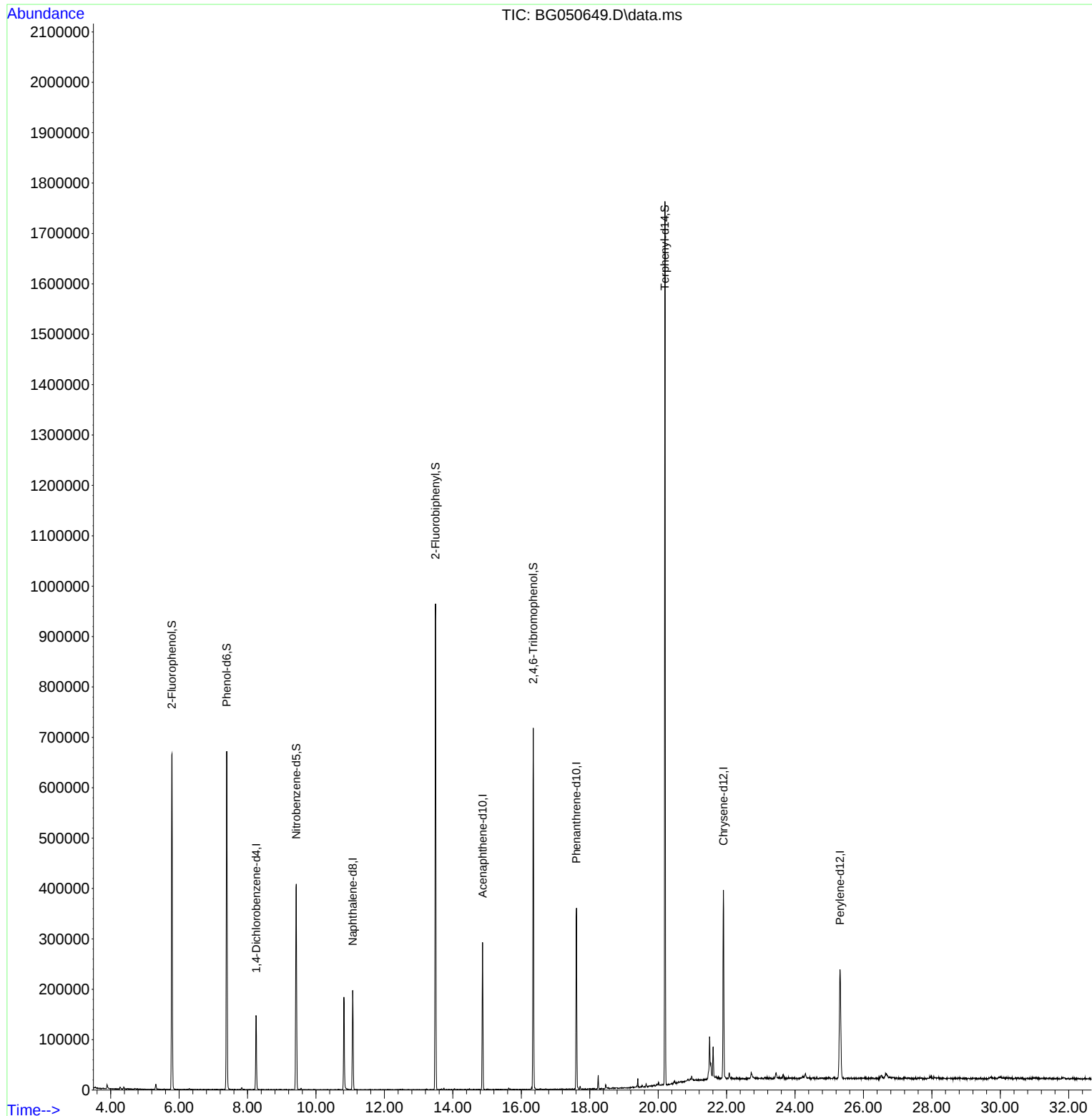
Target Compounds	Qvalue

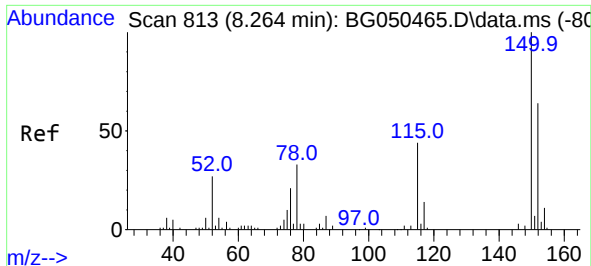
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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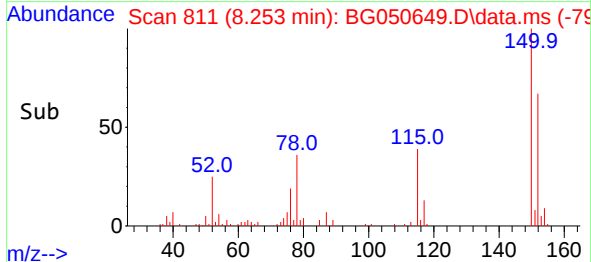
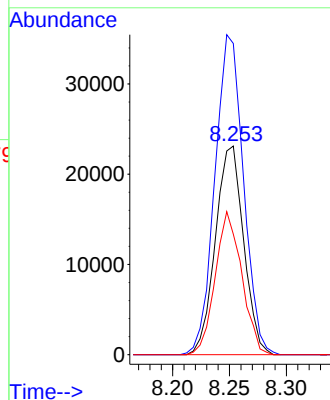
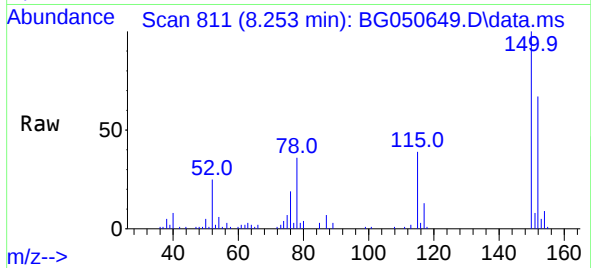




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

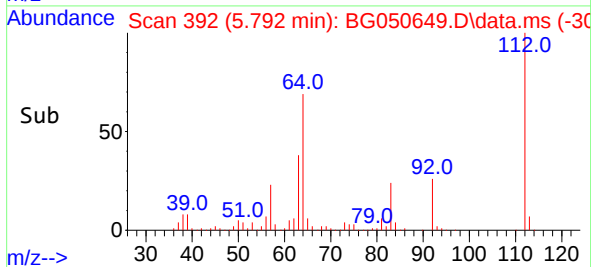
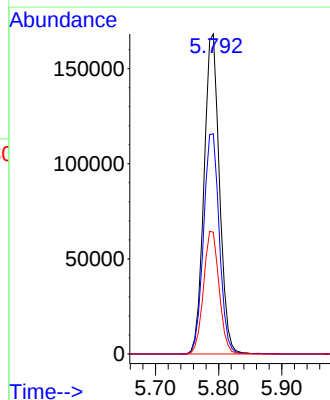
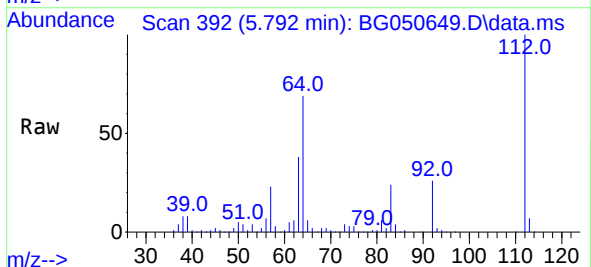
Instrument :
BNA_G
ClientSampleId :
MH-EB-(1)

Tgt Ion:152 Resp: 39935
Ion Ratio Lower Upper
152 100
150 149.2 119.4 179.0
115 57.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 107.19 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Tgt Ion:112 Resp: 286225
Ion Ratio Lower Upper
112 100
64 68.8 46.7 70.1
63 38.0 35.3 52.9

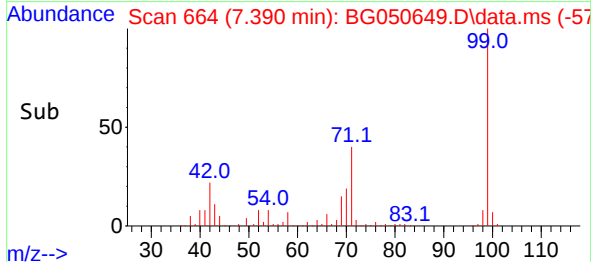
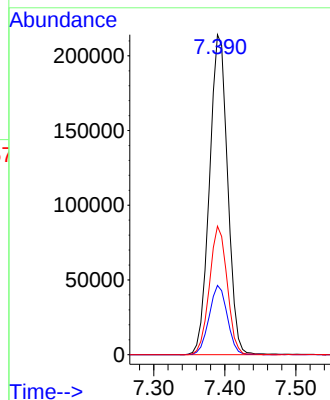
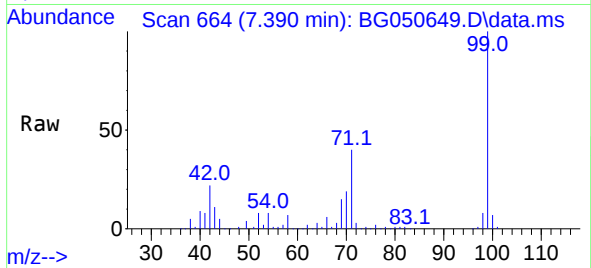




#7
Phenol-d6
Concen: 98.15 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

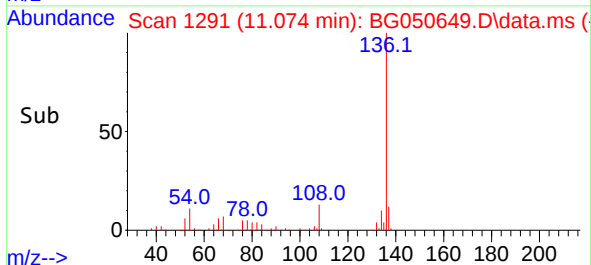
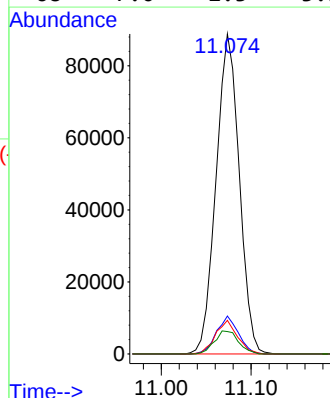
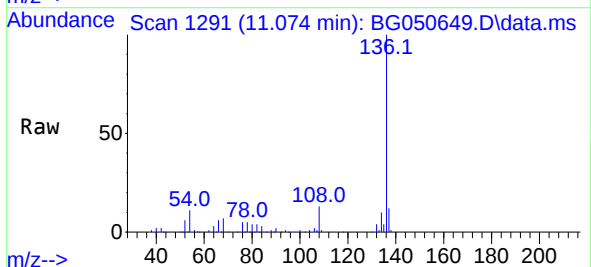
Instrument :
BNA_G
ClientSampled :
MH-EB-(1)

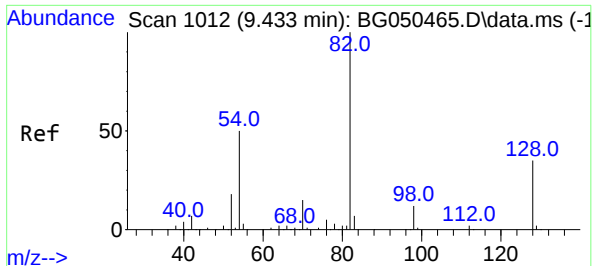
Tgt Ion: 99 Resp: 379441
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 40.1 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.074 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Tgt Ion: 136 Resp: 159521
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 10.5 5.5 8.3#
68 7.0 2.3 3.5#

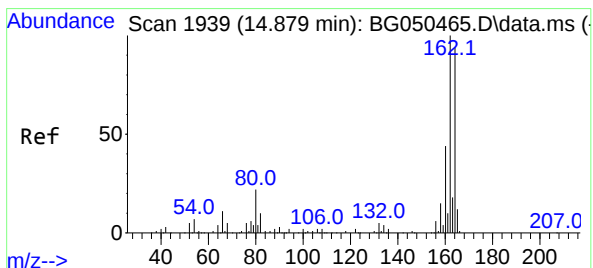
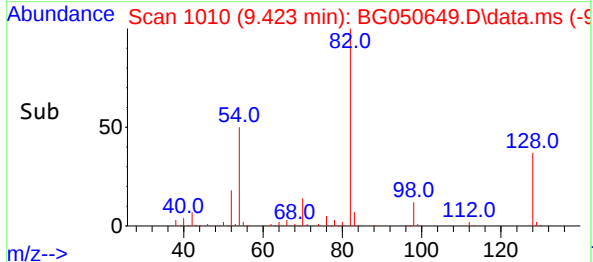
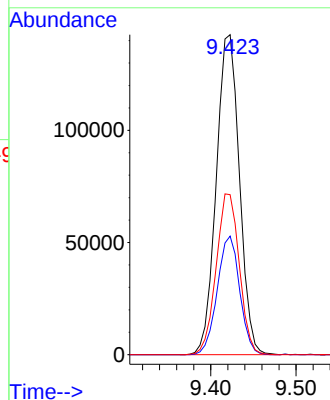
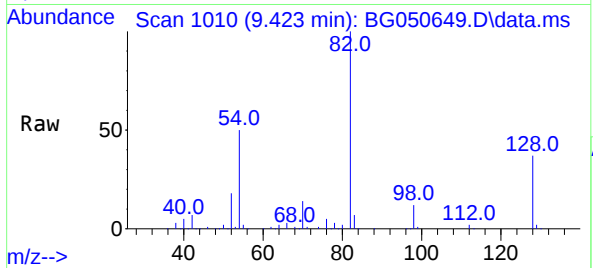




#23
Nitrobenzene-d5
Concen: 69.94 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

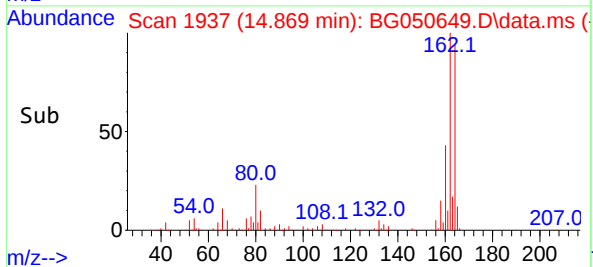
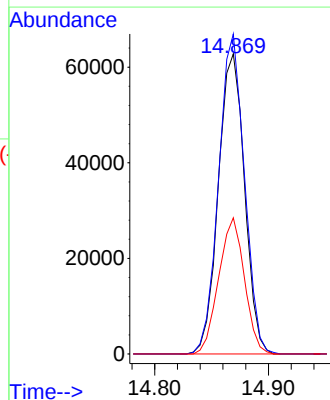
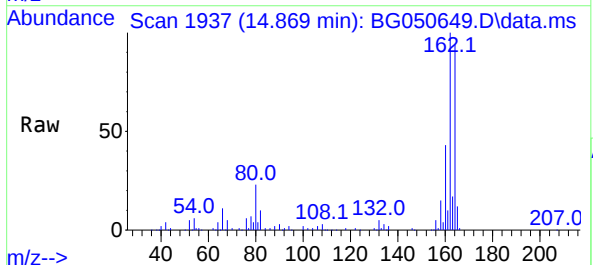
Instrument :
BNA_G
ClientSampleId :
MH-EB-(1)

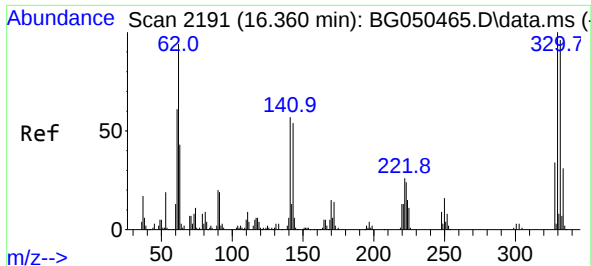
Tgt Ion: 82 Resp: 269522
Ion Ratio Lower Upper
82 100
128 37.1 29.8 44.6
54 50.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

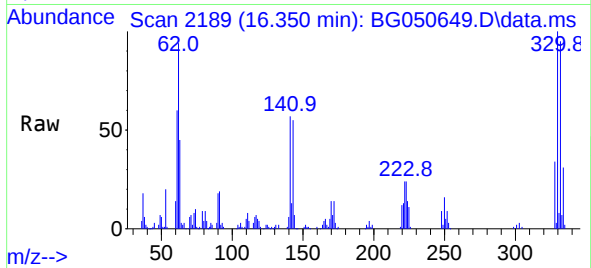
Tgt Ion:164 Resp: 100292
Ion Ratio Lower Upper
164 100
162 106.6 81.4 122.0
160 45.4 34.9 52.3



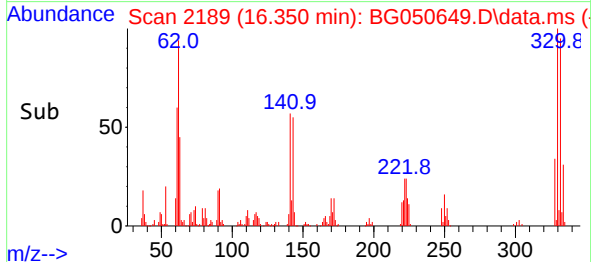
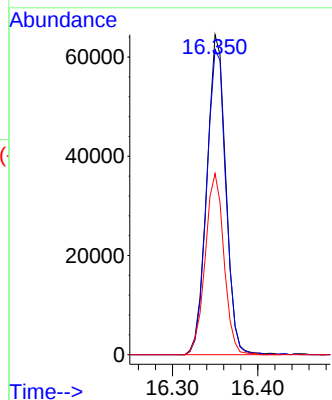


#42
2,4,6-Tribromophenol
Concen: 104.19 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Instrument :
BNA_G
ClientSampleId :
MH-EB-(1)

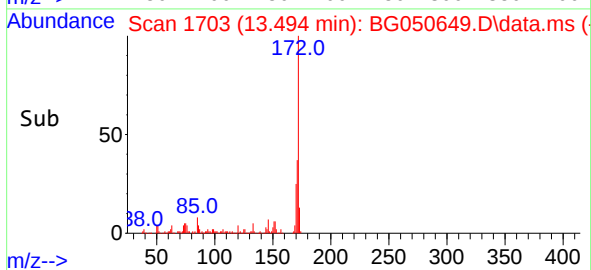
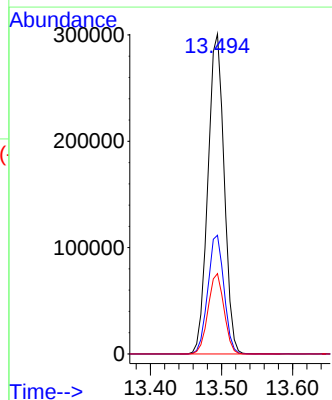
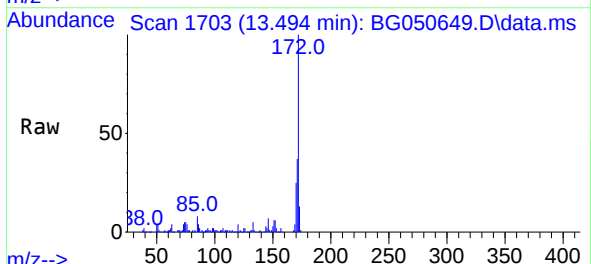


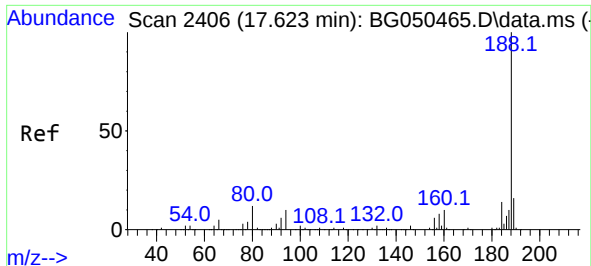
Tgt Ion:330 Resp: 99672
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 55.8 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 71.71 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Tgt Ion:172 Resp: 477885
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 25.1 18.6 27.8

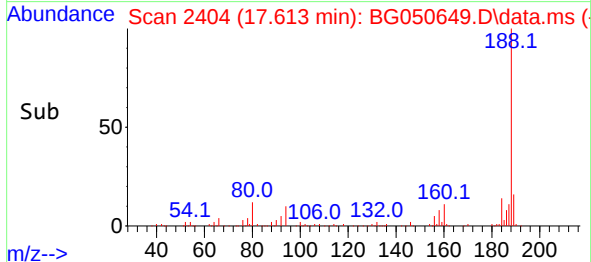
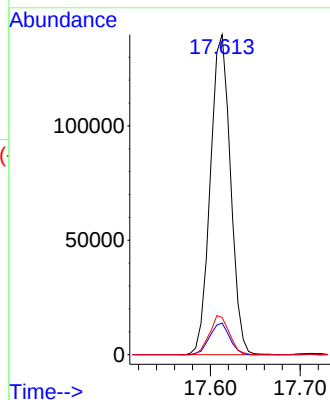
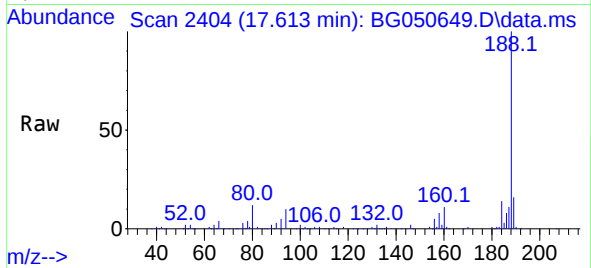




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

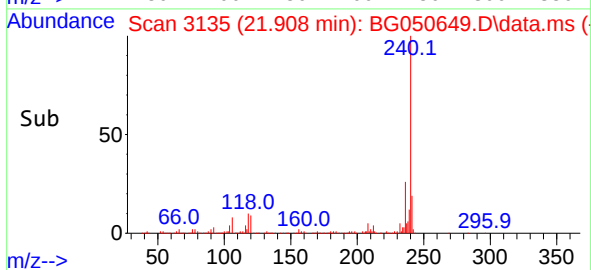
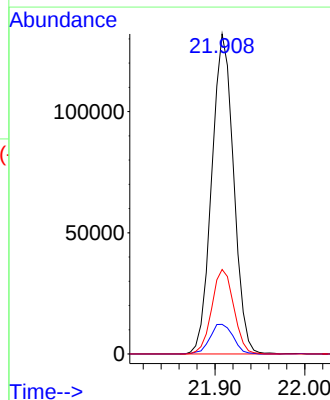
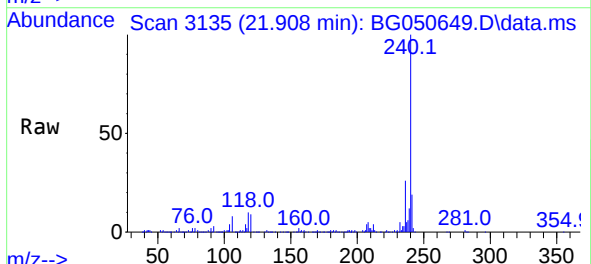
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:188 Resp: 218105
Ion Ratio Lower Upper
188 100
94 9.9 5.4 8.0#
80 11.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.908 min Scan# 3135
Delta R.T. -0.017 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Tgt Ion:240 Resp: 223368
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.4 21.8 32.6

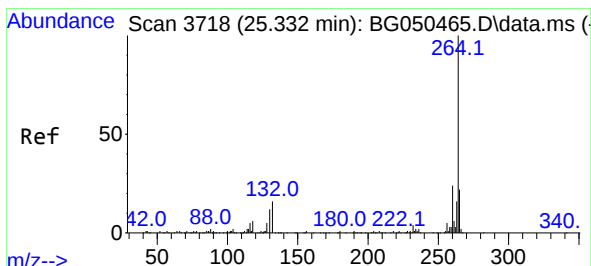
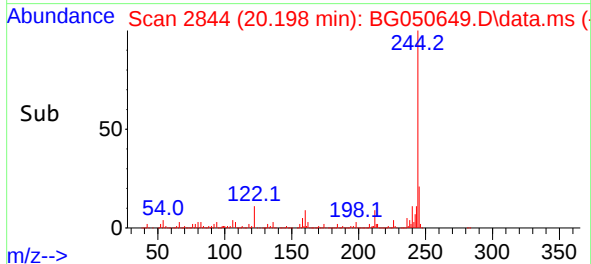
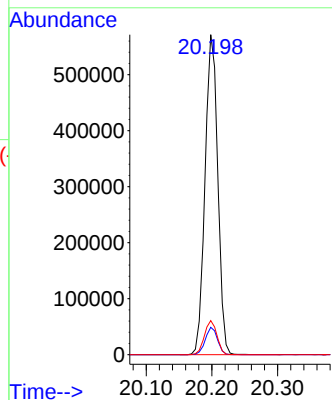
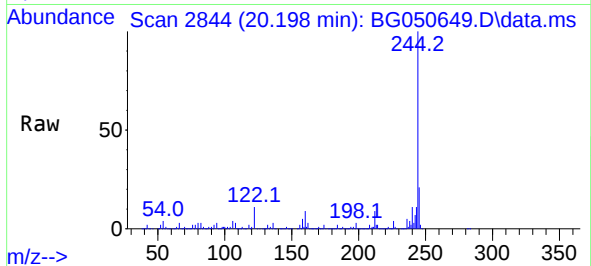




#79
Terphenyl-d14
Concen: 67.38 ng
RT: 20.198 min Scan# 2844
Delta R.T. -0.011 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Instrument :
BNA_G
ClientSampleId :
MH-EB-(1)

Tgt Ion:244 Resp: 772234
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 10.6 5.0 7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.316 min Scan# 3715
Delta R.T. -0.017 min
Lab File: BG050649.D
Acq: 20 Oct 2021 17:27

Tgt Ion:264 Resp: 217549
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.3 16.9 25.3

