

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050491.D
 Acq On : 7 Oct 2021 20:27
 Operator : CG/JU
 Sample : M4087-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20211005-ROCK

Quant Time: Oct 08 05:46:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	46552	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	189814	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	122476	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	282895	20.00	ng	# 0.00
76) Chrysene-d12	21.913	240	269738	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	263812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	271926	87.36	ng	0.00
7) Phenol-d6	7.395	99	364879	80.96	ng	0.00
23) Nitrobenzene-d5	9.428	82	262676	57.29	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	102650	87.87	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	474336	58.29	ng	0.00
79) Terphenyl-d14	20.203	244	793219	57.31	ng	0.00

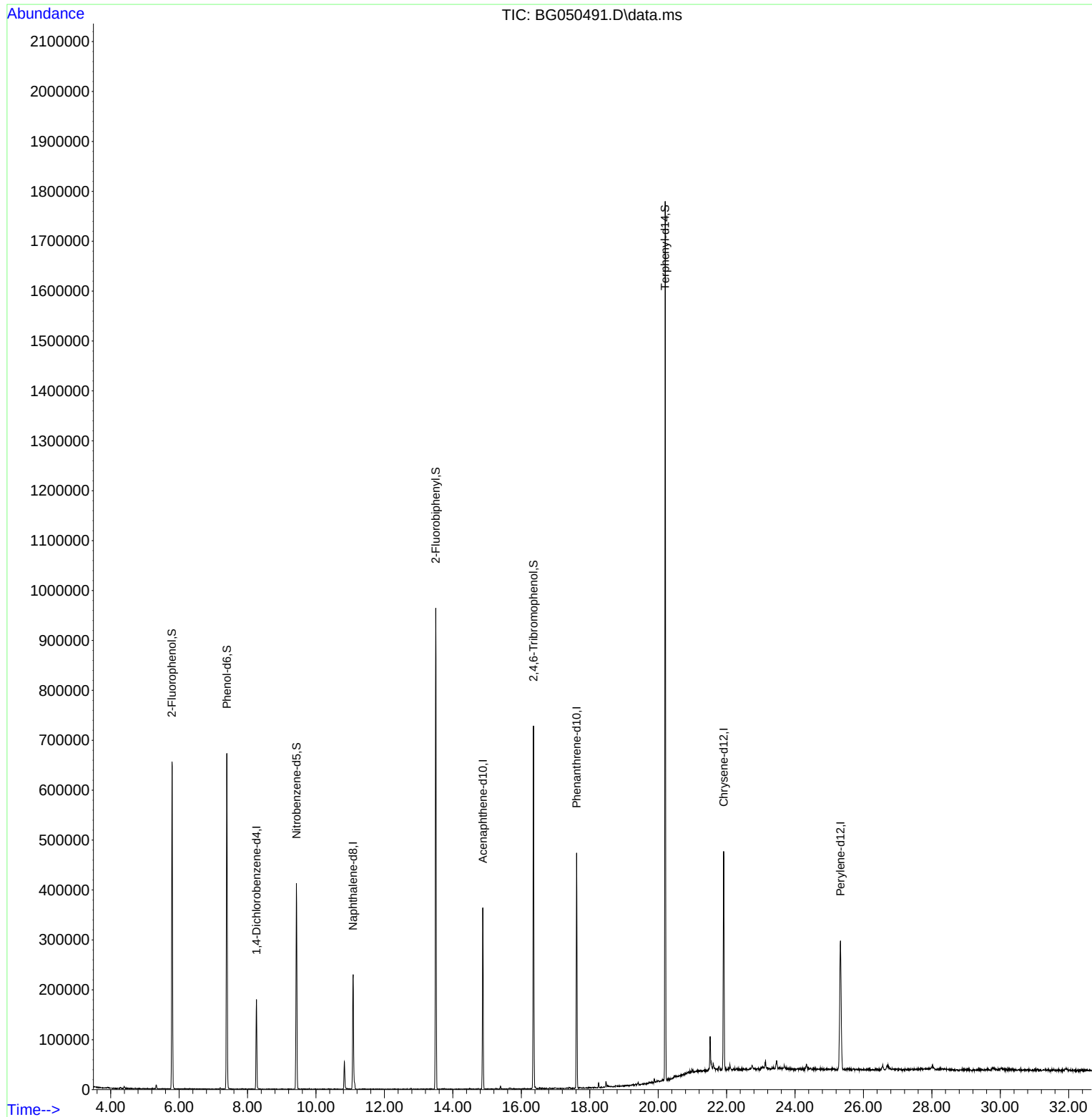
Target Compounds	Qvalue

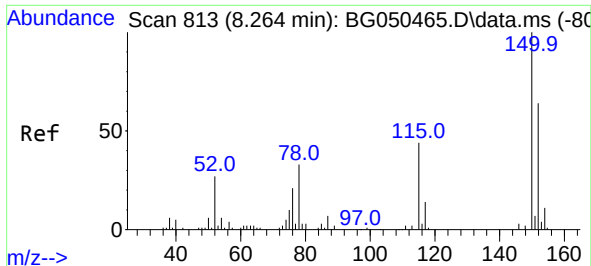
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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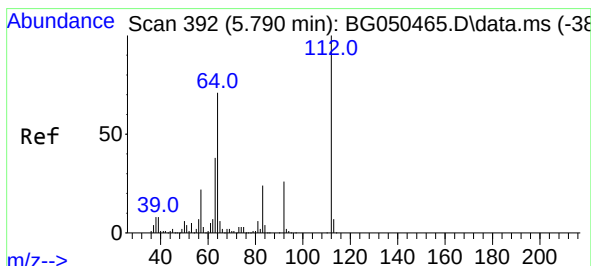
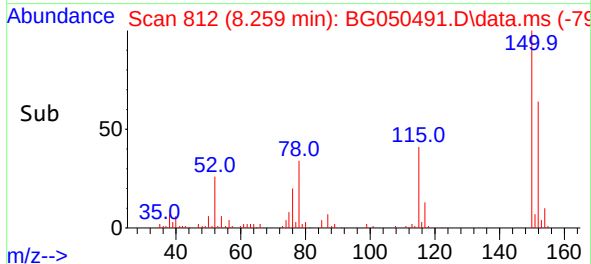
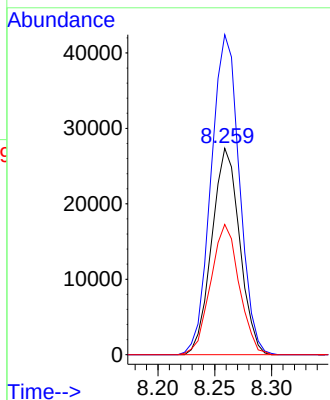
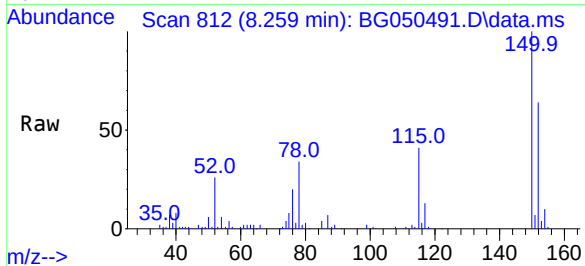




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

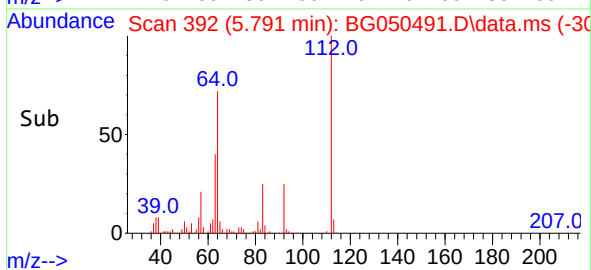
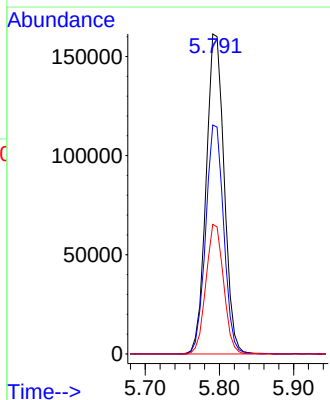
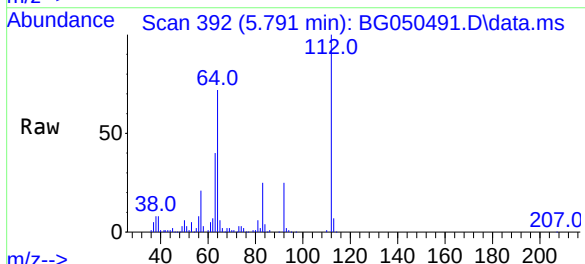
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

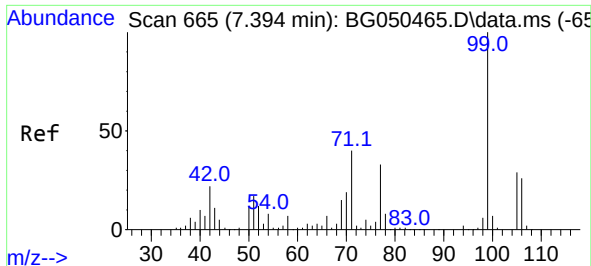
Tgt Ion:152 Resp: 46552
Ion Ratio Lower Upper
152 100
150 155.1 119.4 179.0
115 63.1 60.2 90.4



#5
2-Fluorophenol
Concen: 87.36 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:112 Resp: 271926
Ion Ratio Lower Upper
112 100
64 71.5 46.7 70.1#
63 40.5 35.3 52.9

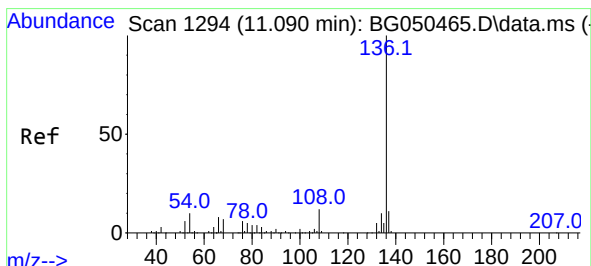
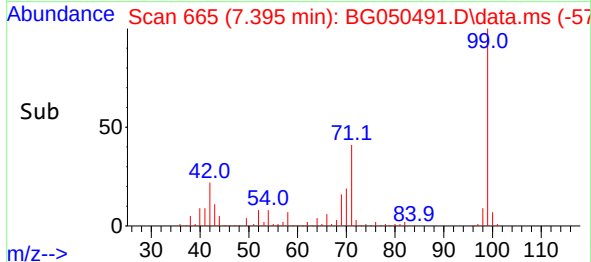
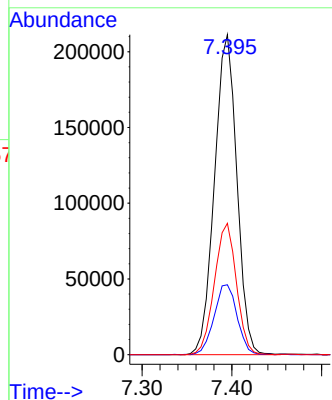
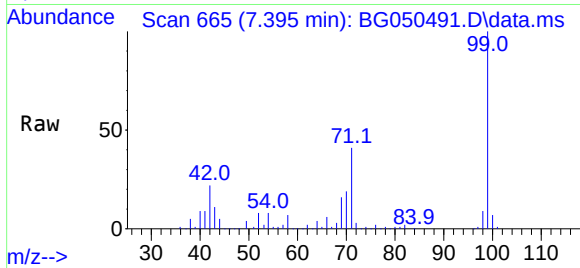




#7
Phenol-d6
Concen: 80.96 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

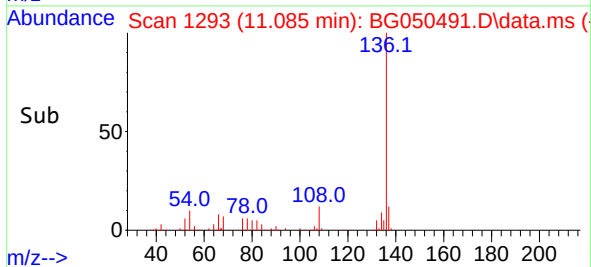
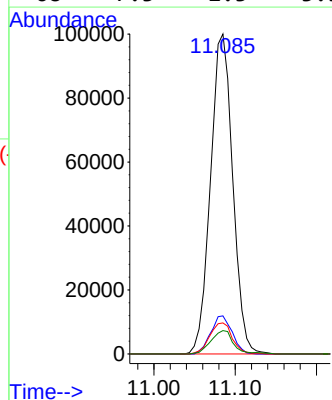
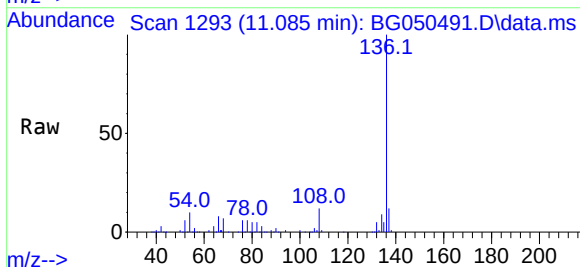
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

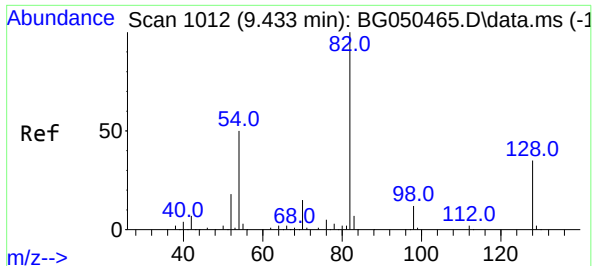
Tgt Ion: 99 Resp: 364879
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 41.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:136 Resp: 189814
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 9.7 5.5 8.3#
68 7.3 2.3 3.5#

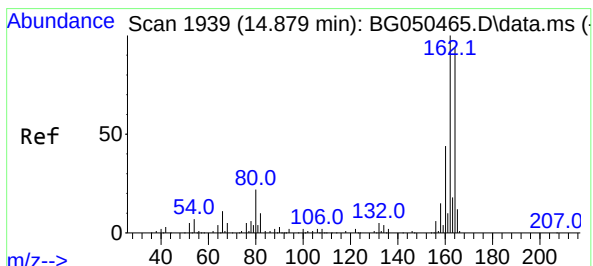
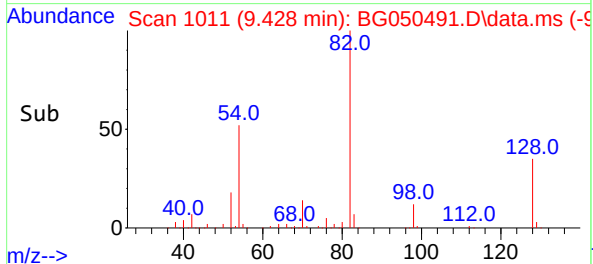
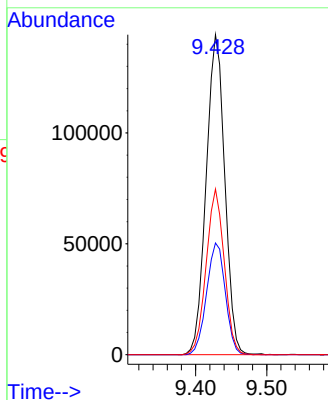
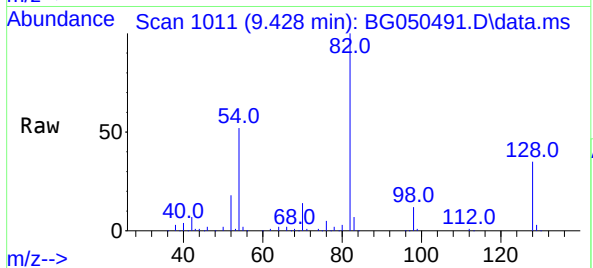




#23
Nitrobenzene-d5
Concen: 57.29 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

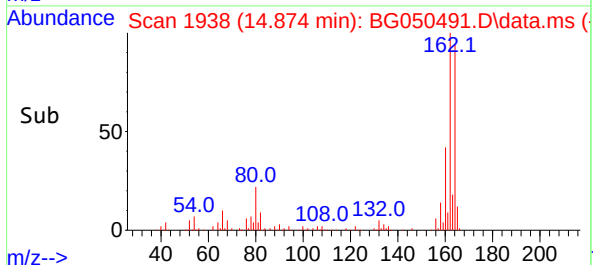
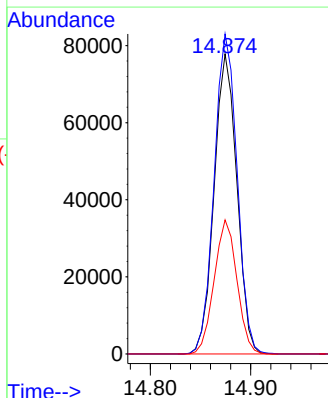
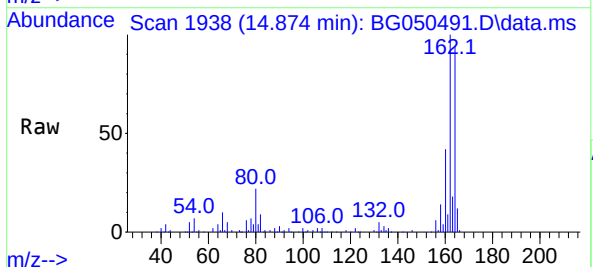
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

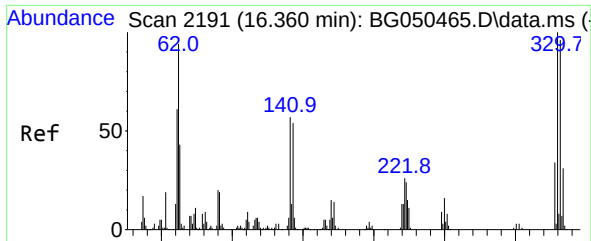
Tgt Ion: 82 Resp: 262676
Ion Ratio Lower Upper
82 100
128 34.9 29.8 44.6
54 51.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

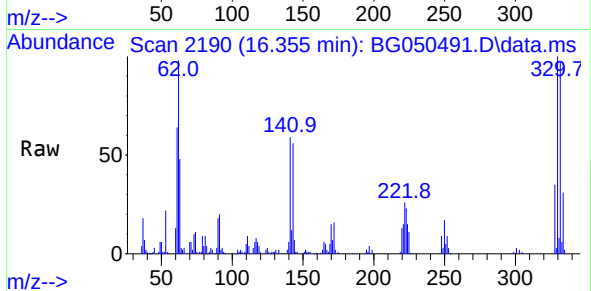
Tgt Ion:164 Resp: 122476
Ion Ratio Lower Upper
164 100
162 106.6 81.4 122.0
160 44.7 34.9 52.3



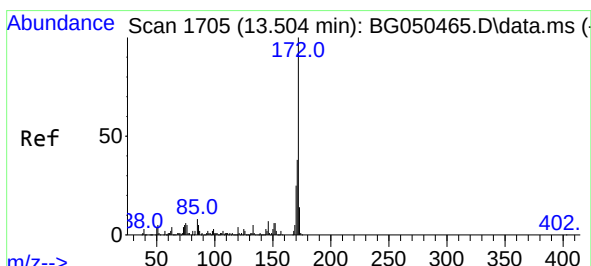
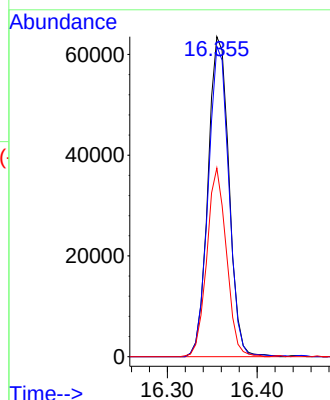
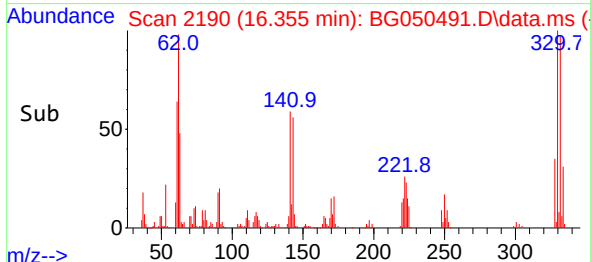


#42
2,4,6-Tribromophenol
Concen: 87.87 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

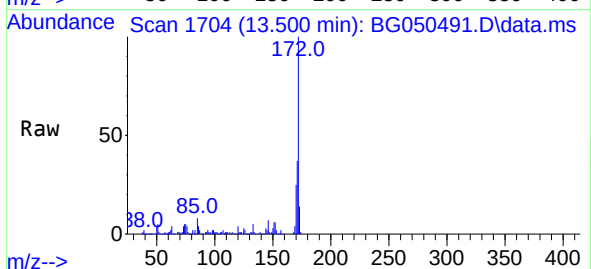
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK



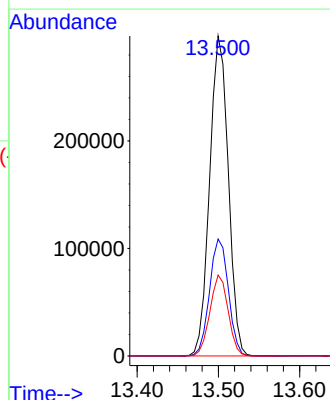
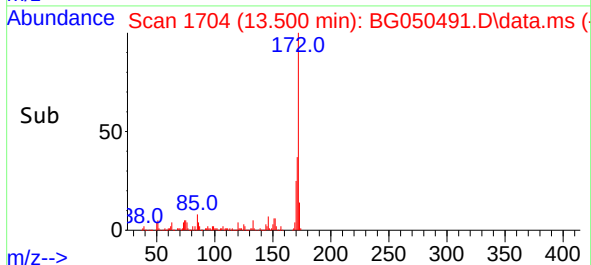
Tgt Ion:330 Resp: 102650
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 55.3 35.6 53.4#

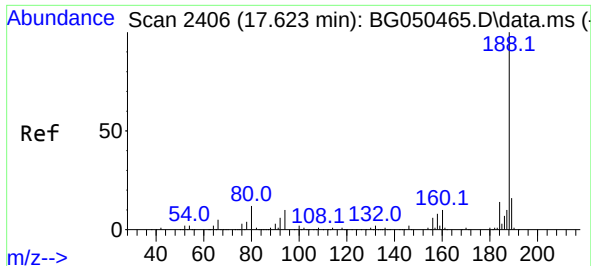


#45
2-Fluorobiphenyl
Concen: 58.29 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27



Tgt Ion:172 Resp: 474336
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.3 18.6 27.8

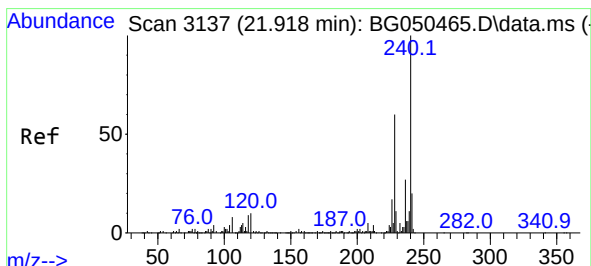
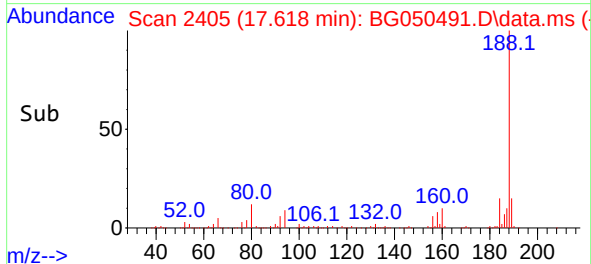
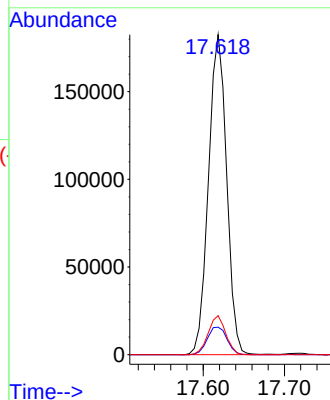
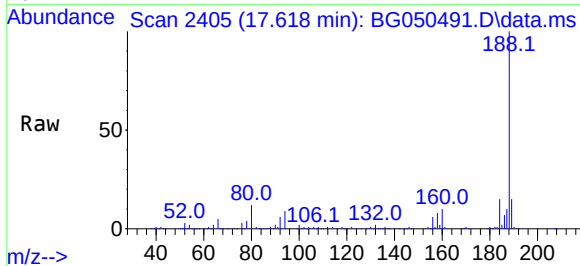




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

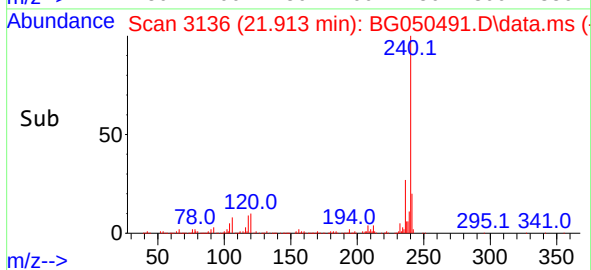
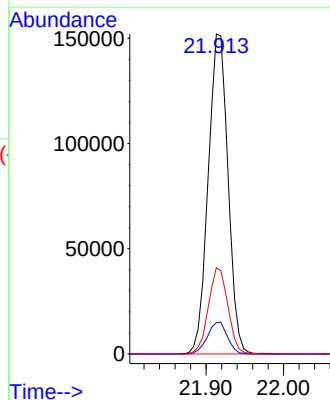
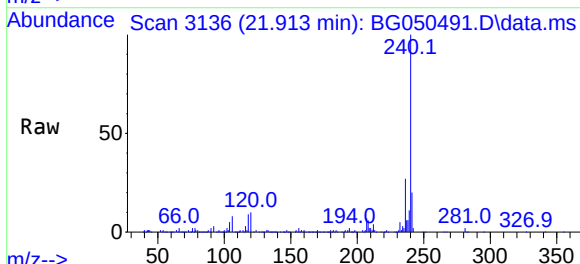
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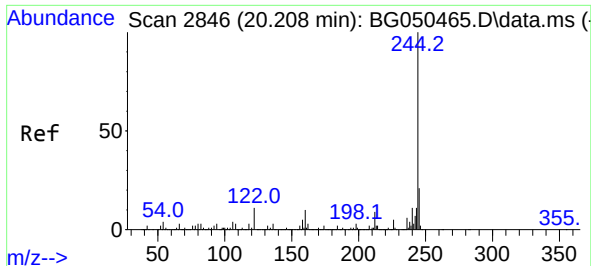
Tgt Ion:188 Resp: 282895
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 12.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:240 Resp: 269738
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 27.0 21.8 32.6

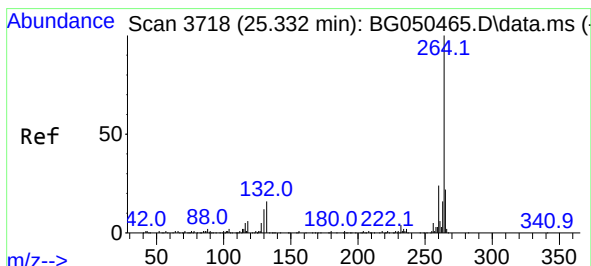
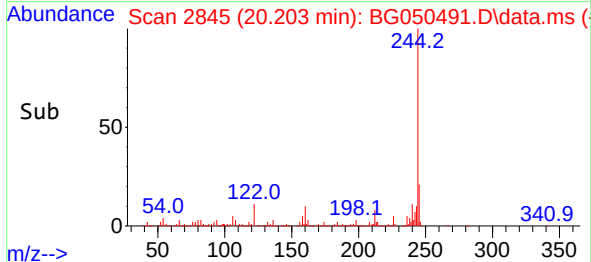
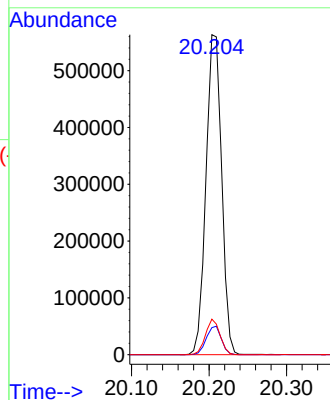
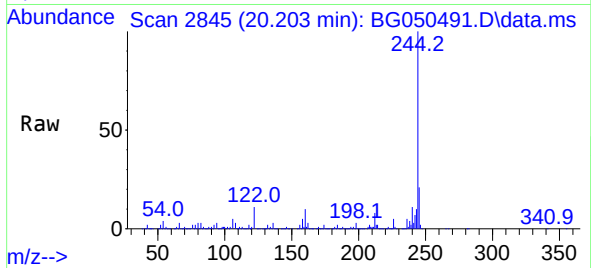




#79
 Terphenyl-d14
 Concen: 57.31 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050491.D
 Acq: 7 Oct 2021 20:27

Instrument :
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 WC-20211005-ROCK

Tgt Ion:244 Resp: 793219
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050491.D
 Acq: 7 Oct 2021 20:27

Tgt Ion:264 Resp: 263812
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.4 16.9 25.3

