

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050653.D
 Acq On : 20 Oct 2021 20:13
 Operator : CG/JU
 Sample : M4287-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EXC-SOIL-B

Quant Time: Oct 21 03:18:08 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)

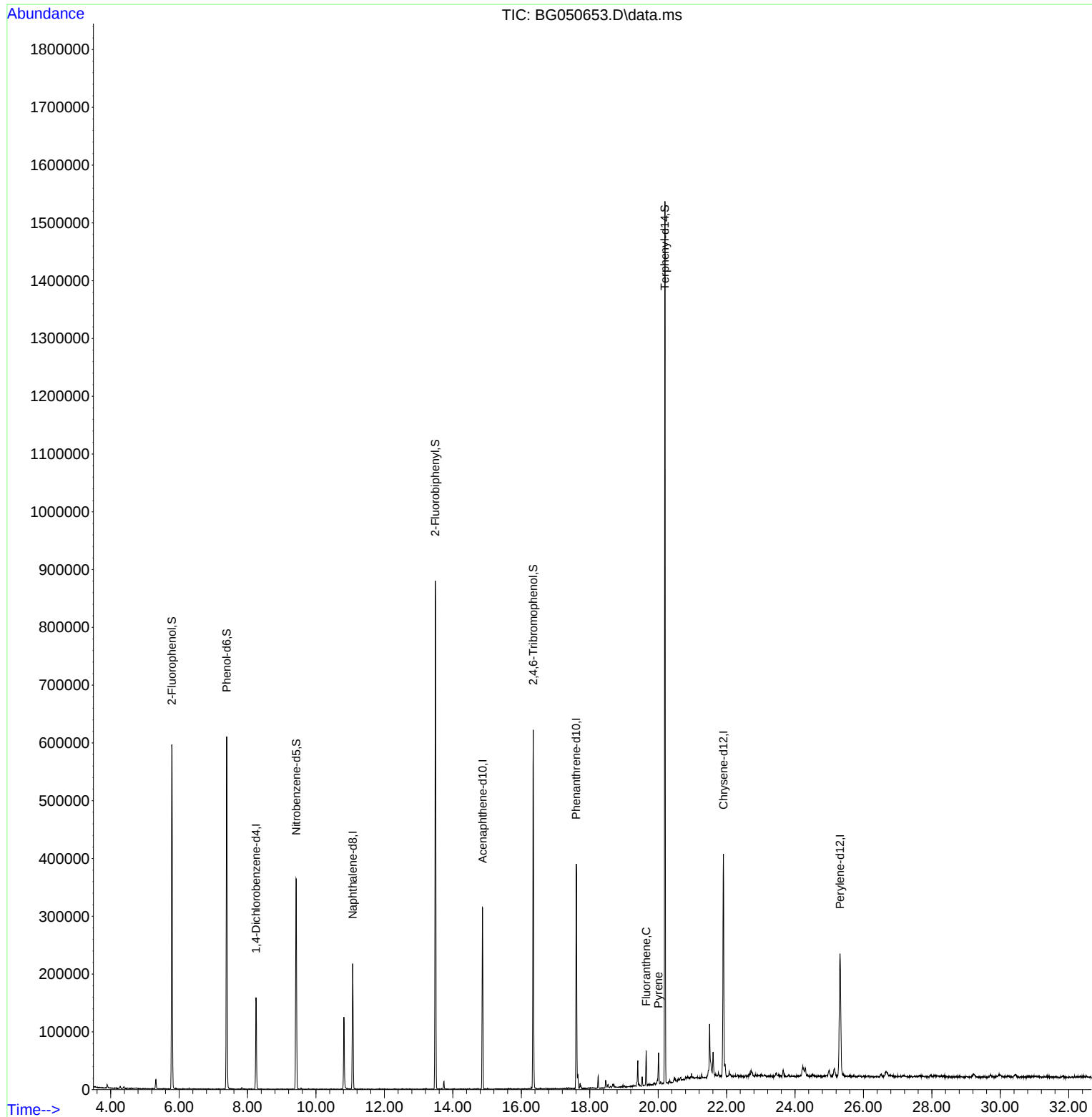
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	42956	20.00	ng	-0.01
21) Naphthalene-d8	11.074	136	172510	20.00	ng	#-0.01
39) Acenaphthene-d10	14.869	164	110970	20.00	ng	0.00
64) Phenanthrene-d10	17.607	188	238882	20.00	ng	#-0.01
76) Chrysene-d12	21.908	240	221792	20.00	ng	#-0.02
86) Perylene-d12	25.316	264	217010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	254853	88.73	ng	0.00
7) Phenol-d6	7.390	99	340637	81.91	ng	-0.01
23) Nitrobenzene-d5	9.423	82	242441	58.18	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	86255	81.49	ng	-0.01
45) 2-Fluorobiphenyl	13.488	172	435114	59.01	ng	-0.02
79) Terphenyl-d14	20.198	244	664836	58.42	ng	-0.01
Target Compounds						
75) Fluoranthene	19.652	202	35804	2.31	ng	93
78) Pyrene	20.010	202	33910	2.15	ng	98

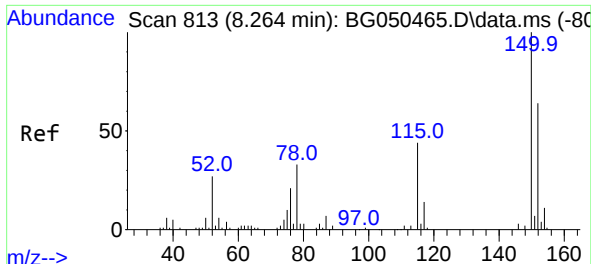
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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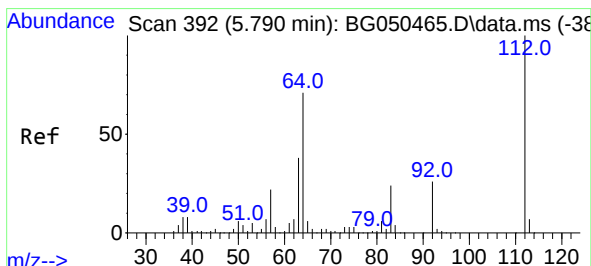
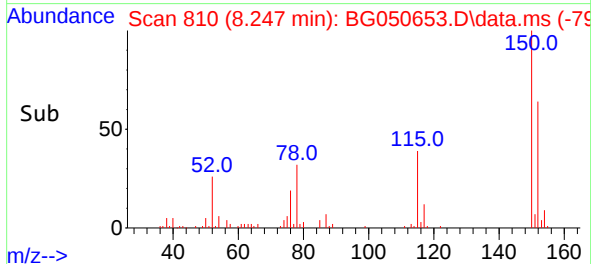
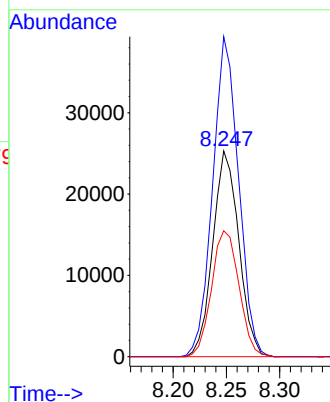
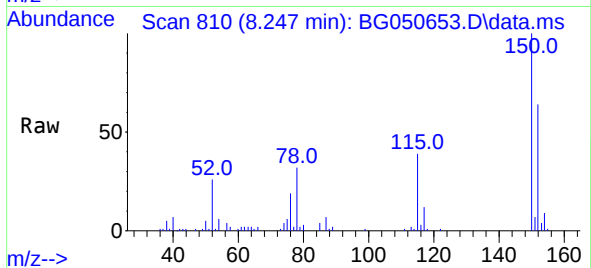




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.247 min Scan# 810
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

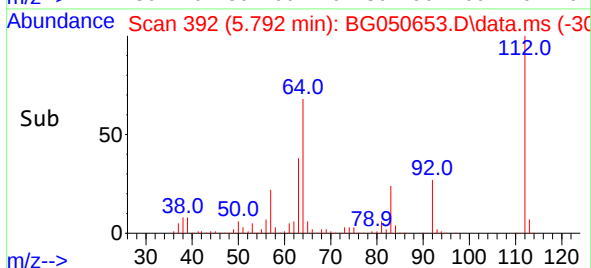
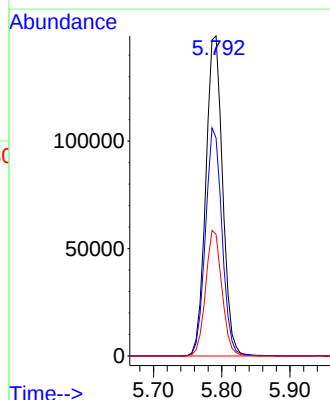
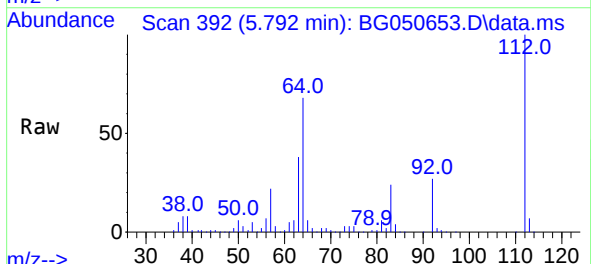
Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-B

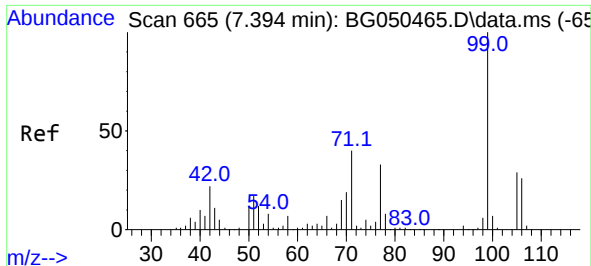
Tgt Ion:152 Resp: 42956
Ion Ratio Lower Upper
152 100
150 155.5 119.4 179.0
115 61.2 60.2 90.4



#5
2-Fluorophenol
Concen: 88.73 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

Tgt Ion:112 Resp: 254853
Ion Ratio Lower Upper
112 100
64 68.2 46.7 70.1
63 38.1 35.3 52.9

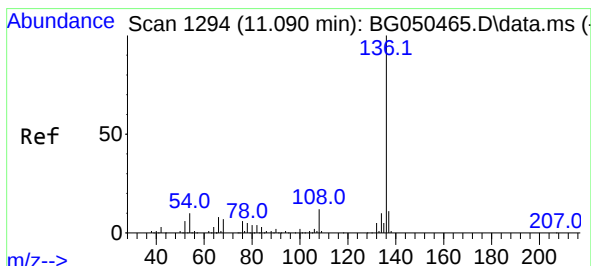
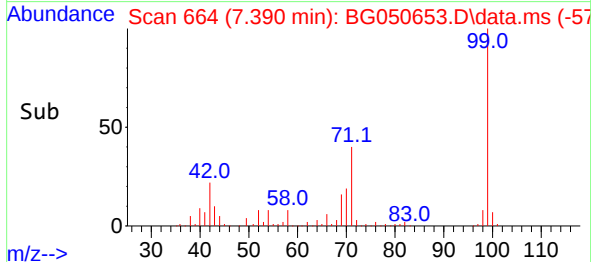
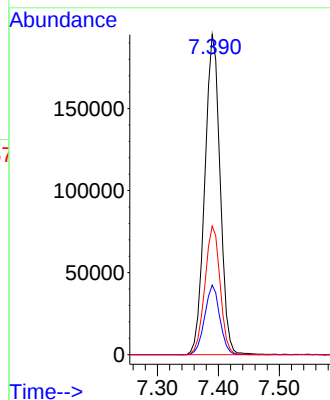
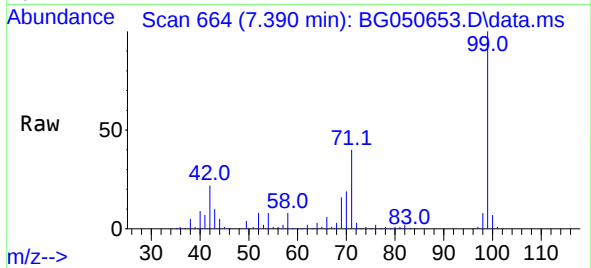




#7
Phenol-d6
Concen: 81.91 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

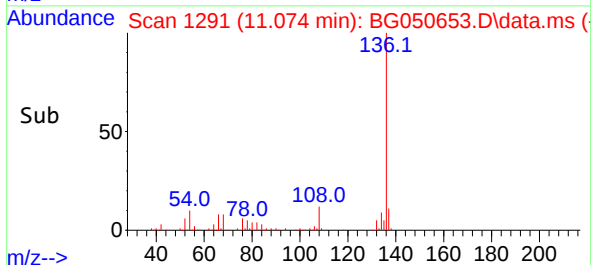
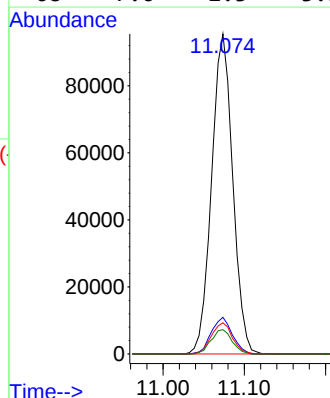
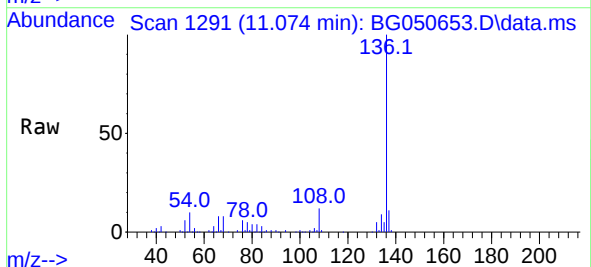
Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-B

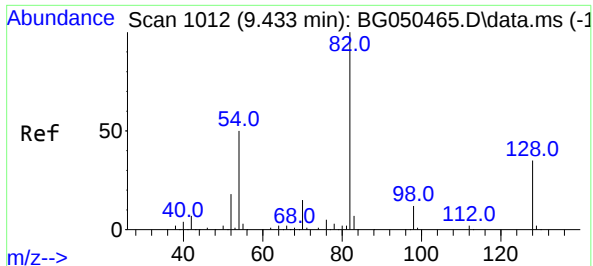
Tgt Ion: 99 Resp: 340637
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 40.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.074 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

Tgt Ion: 136 Resp: 172510
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.7 5.5 8.3#
68 7.6 2.3 3.5#

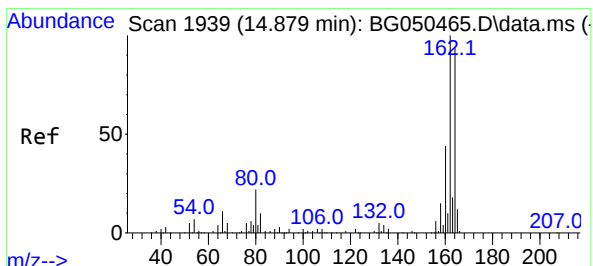
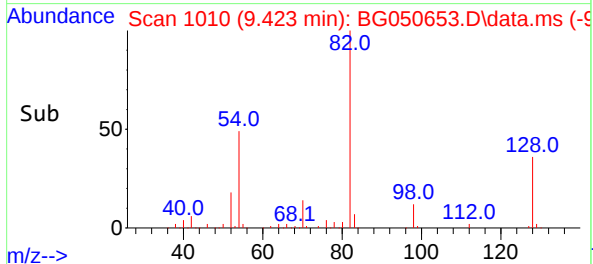
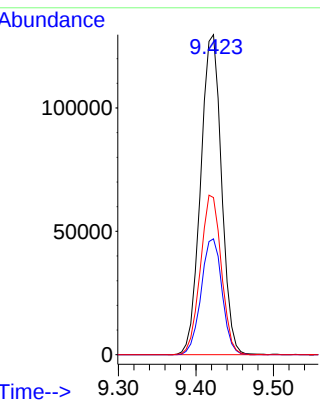
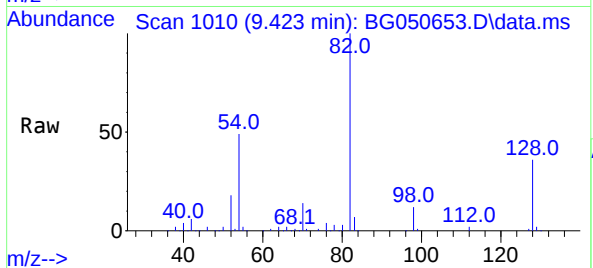




#23
Nitrobenzene-d5
Concen: 58.18 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

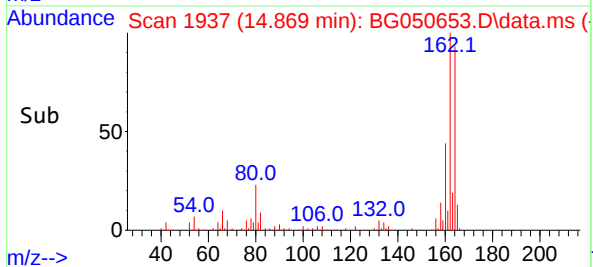
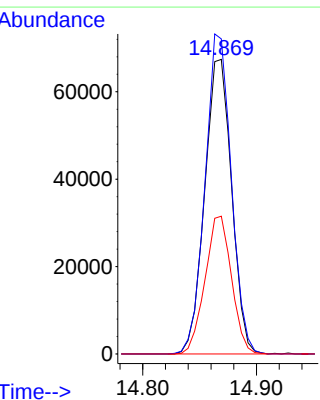
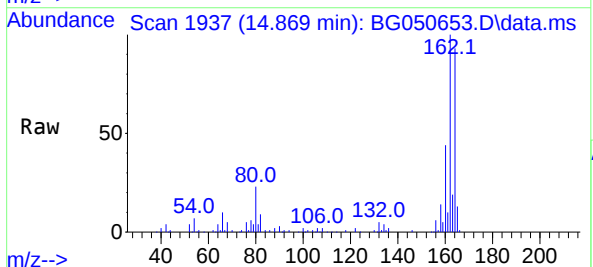
Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-B

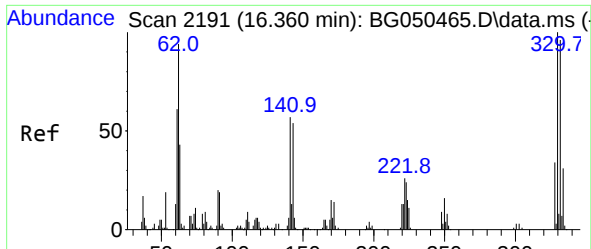
Tgt Ion: 82 Resp: 242441
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 49.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

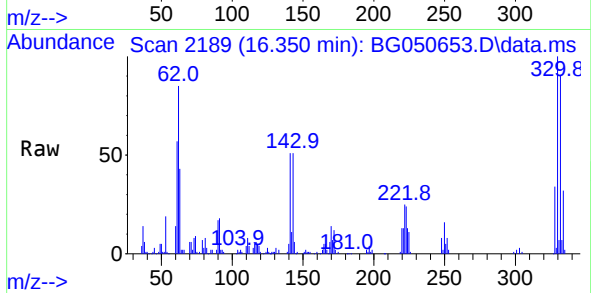
Tgt Ion:164 Resp: 110970
Ion Ratio Lower Upper
164 100
162 107.0 81.4 122.0
160 46.8 34.9 52.3



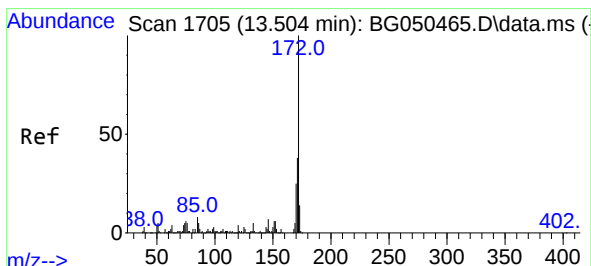
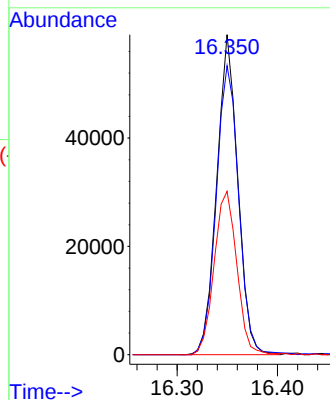
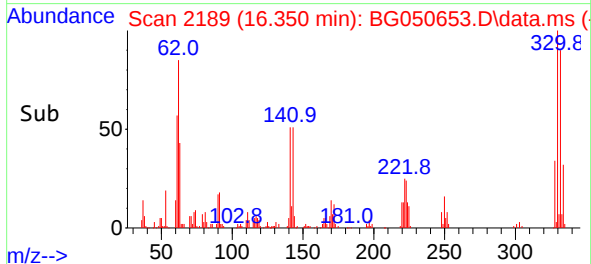


#42
2,4,6-Tribromophenol
Concen: 81.49 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

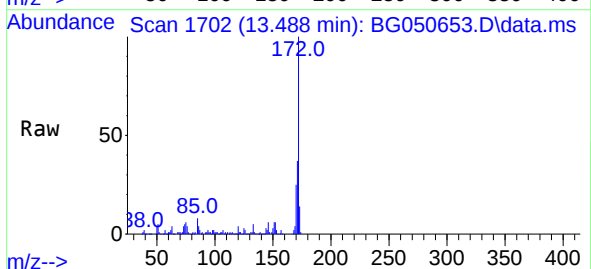
Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-B



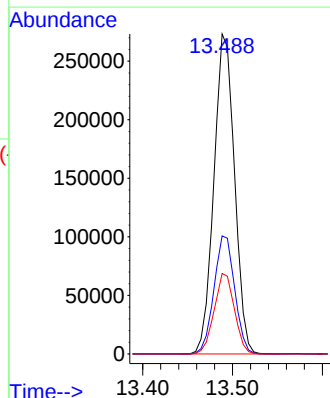
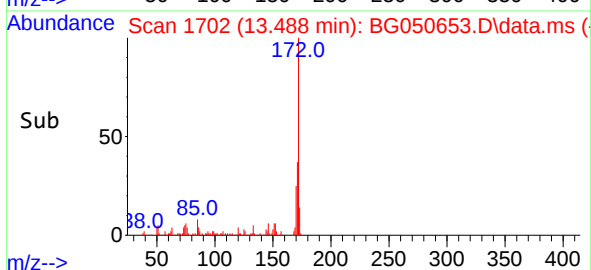
Tgt Ion:330 Resp: 86255
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 54.9 35.6 53.4#

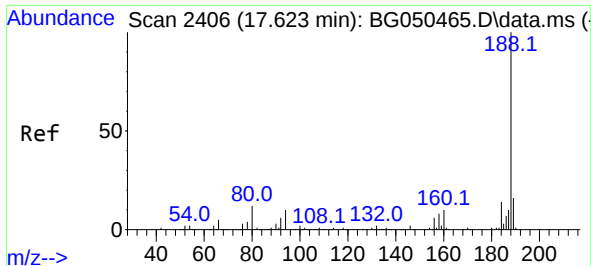


#45
2-Fluorobiphenyl
Concen: 59.01 ng
RT: 13.488 min Scan# 1702
Delta R.T. -0.017 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13



Tgt Ion:172 Resp: 435114
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.2 18.6 27.8

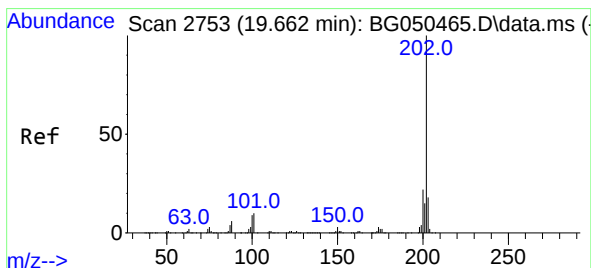
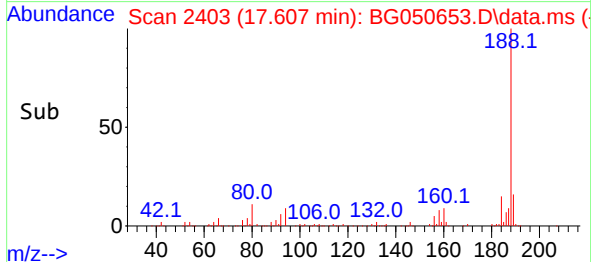
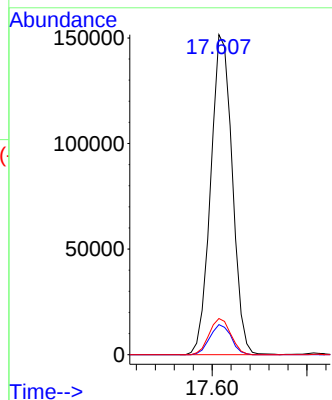
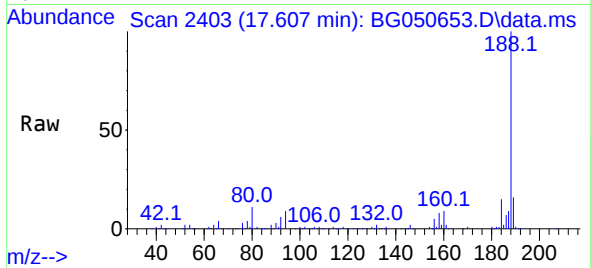




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.607 min Scan# 2403
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

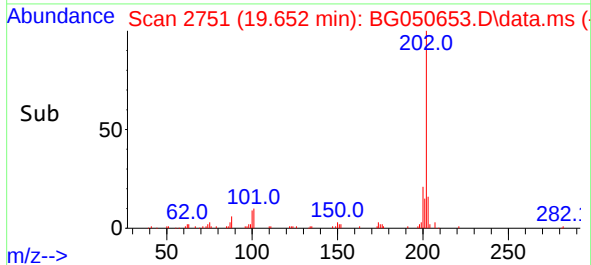
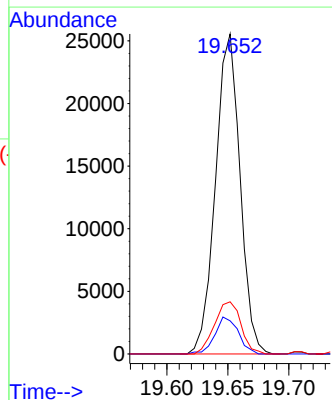
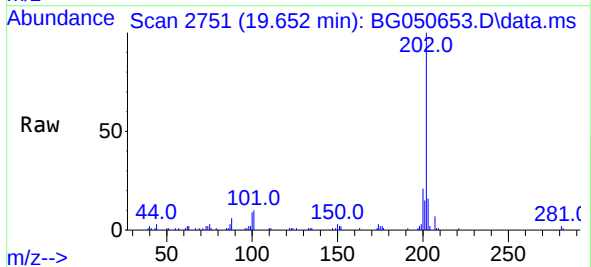
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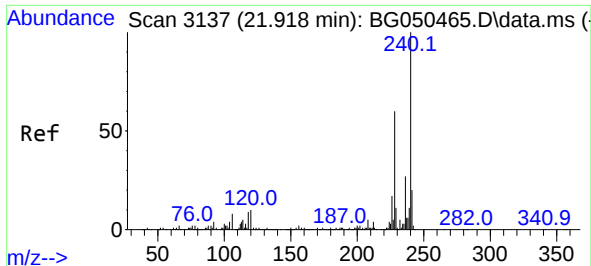
Tgt Ion:188 Resp: 238882
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.3 3.7 5.5#



#75
Fluoranthene
Concen: 2.31 ng
RT: 19.652 min Scan# 2751
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

Tgt Ion:202 Resp: 35804
Ion Ratio Lower Upper
202 100
101 10.4 0.0 24.7
203 16.3 0.0 38.5

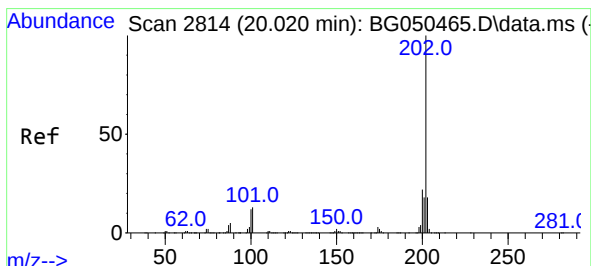
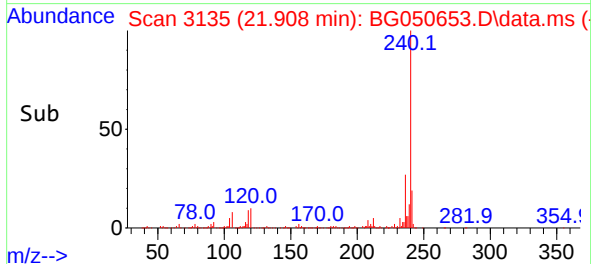
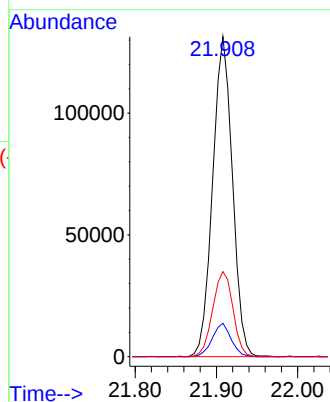
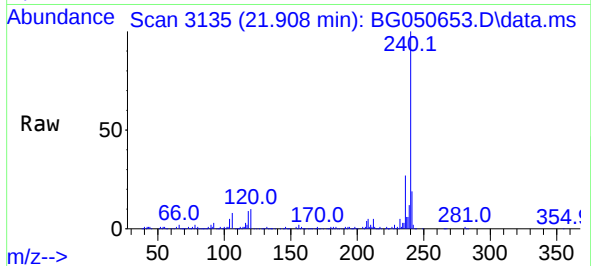




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.908 min Scan# 3135
Delta R.T. -0.017 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

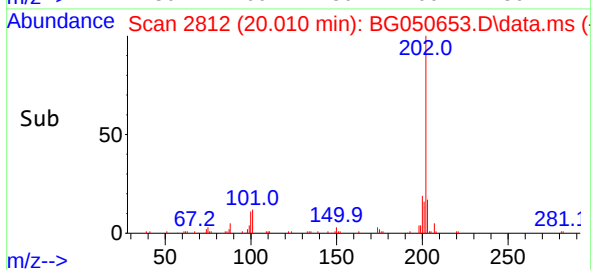
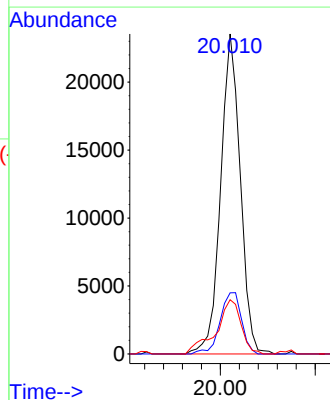
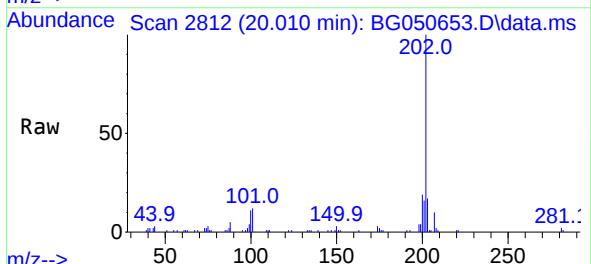
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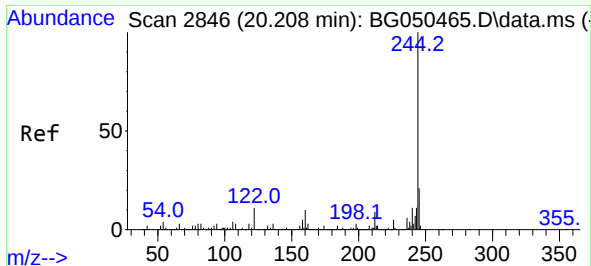
Tgt Ion:240 Resp: 221792
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 26.6 21.8 32.6



#78
Pyrene
Concen: 2.15 ng
RT: 20.010 min Scan# 2812
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

Tgt Ion:202 Resp: 33910
Ion Ratio Lower Upper
202 100
200 19.1 15.8 23.8
203 17.0 14.6 21.8

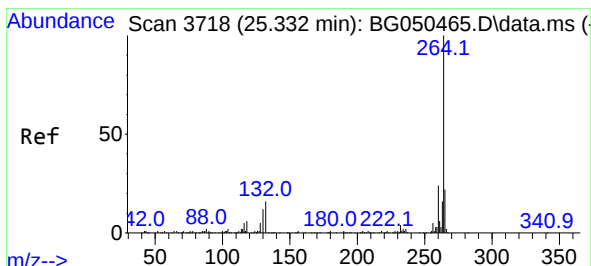
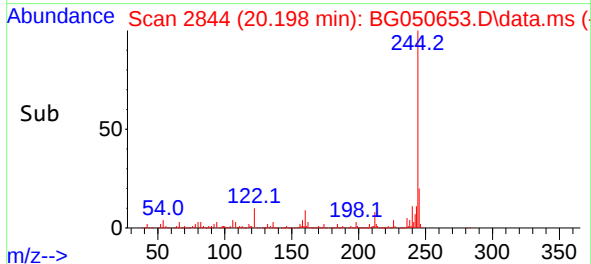
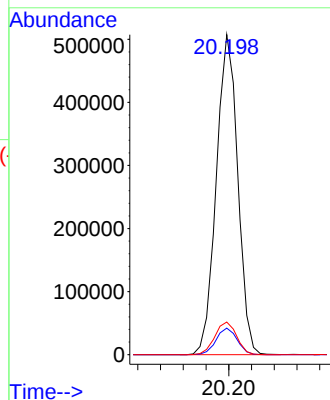
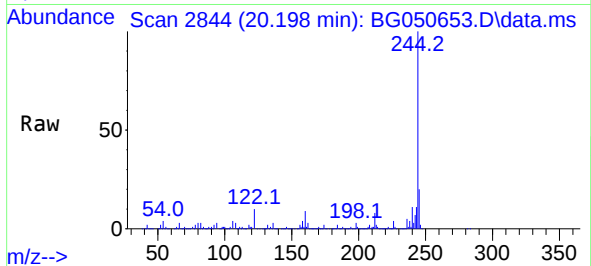




#79
Terphenyl-d14
Concen: 58.42 ng
RT: 20.198 min Scan# 2844
Delta R.T. -0.011 min
Lab File: BG050653.D
Acq: 20 Oct 2021 20:13

Instrument :
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Tgt Ion:244 Resp: 664836
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.2 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: BG050653.D
Acq: 20 Oct 2021 20:13

Tgt Ion:264 Resp: 217010
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.7 16.9 25.3

