

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050605.D
 Acq On : 15 Oct 2021 16:02
 Operator : CG/JU
 Sample : M4202-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-1-DEPTH-SOILPILE-BOTTOM

Quant Time: Oct 15 18:11:50 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)

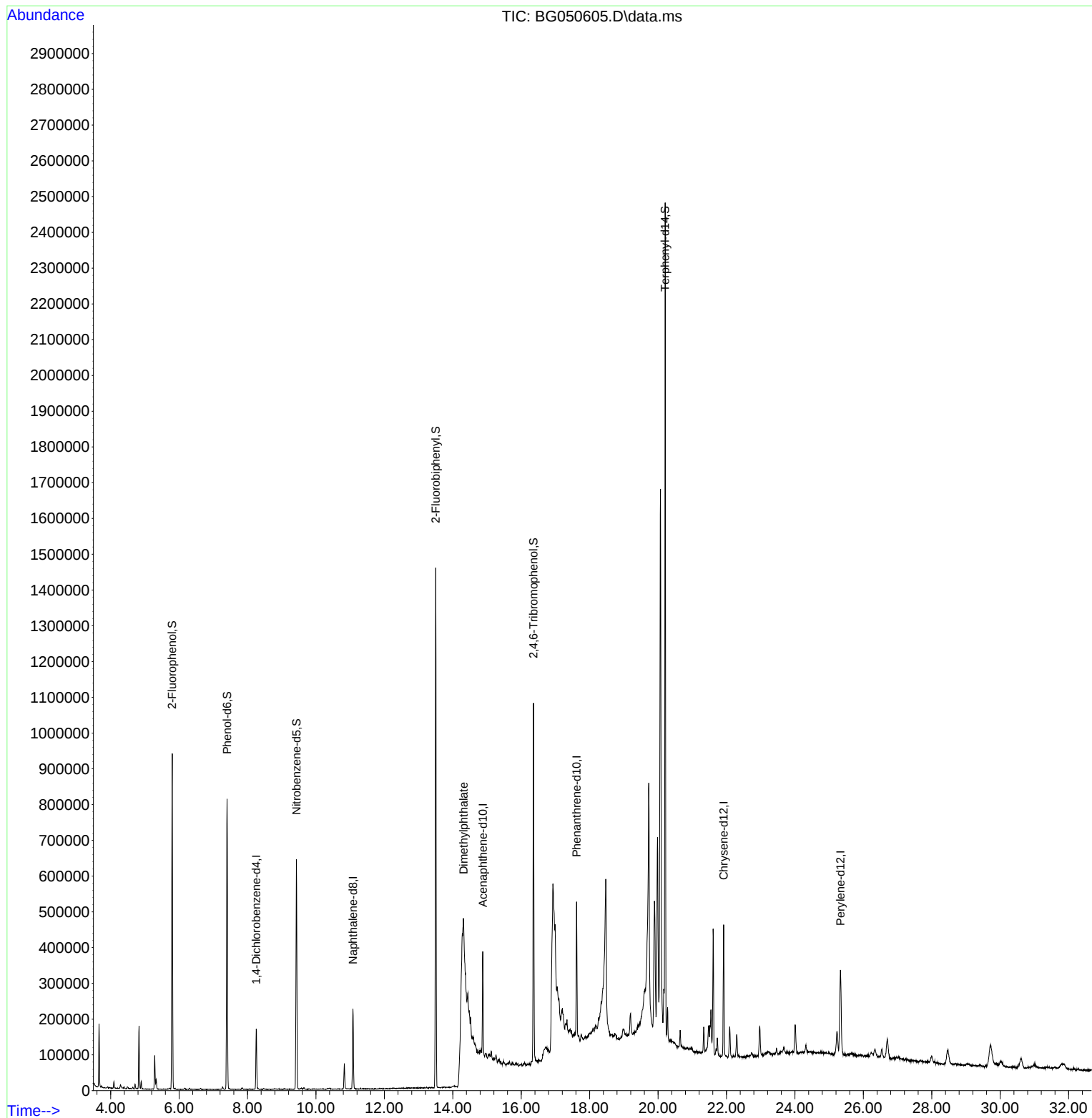
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	44360	20.00	ng	0.00
21) Naphthalene-d8	11.081	136	179886	20.00	ng	# 0.00
39) Acenaphthene-d10	14.877	164	102661	20.00	ng	0.00
64) Phenanthrene-d10	17.620	188	227787	20.00	ng	# 0.00
76) Chrysene-d12	21.915	240	229909	20.00	ng	# 0.00
86) Perylene-d12	25.329	264	227189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	378202	127.51	ng	0.00
7) Phenol-d6	7.403	99	451887	105.23	ng	0.00
23) Nitrobenzene-d5	9.430	82	411515	94.70	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	149656	152.83	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	703777	103.18	ng	0.00
79) Terphenyl-d14	20.206	244	1006838	85.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.313	163	41338	5.33	ng	# 96

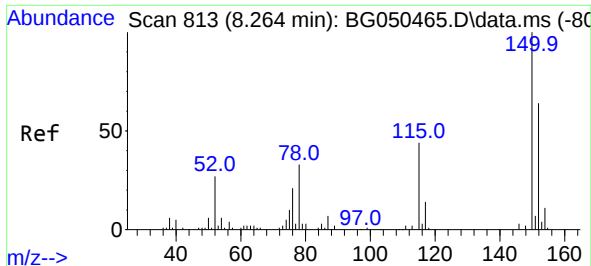
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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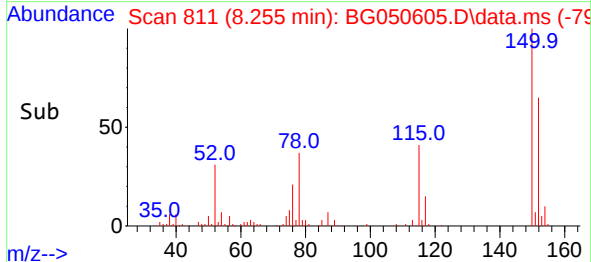
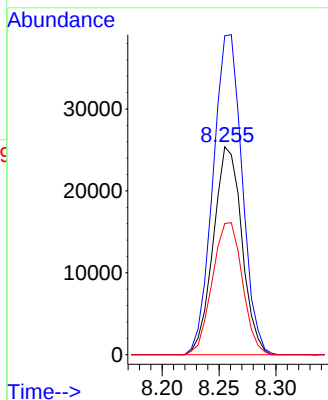
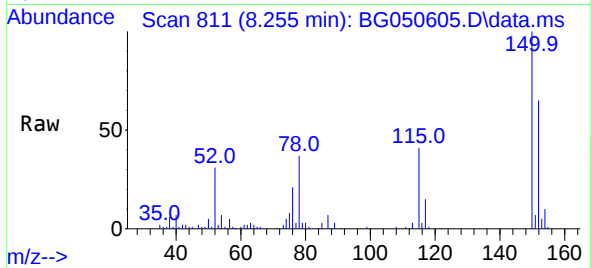




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

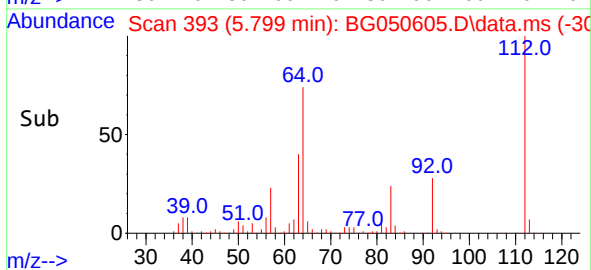
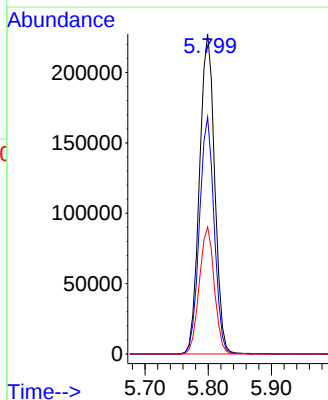
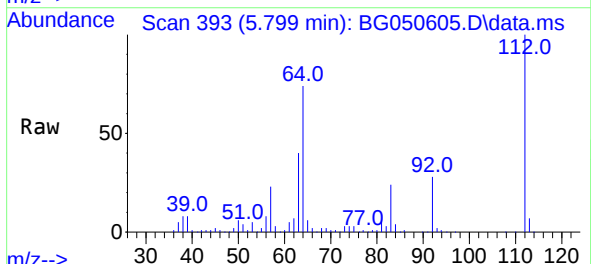
Instrument :
BNA_G
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CS-1-DEPTH-SOILPILE-BOTTOM

Tgt Ion:152 Resp: 44360
Ion Ratio Lower Upper
152 100
150 153.5 119.4 179.0
115 63.1 60.2 90.4



#5
2-Fluorophenol
Concen: 127.51 ng
RT: 5.799 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

Tgt Ion:112 Resp: 378202
Ion Ratio Lower Upper
112 100
64 74.0 46.7 70.1#
63 39.7 35.3 52.9

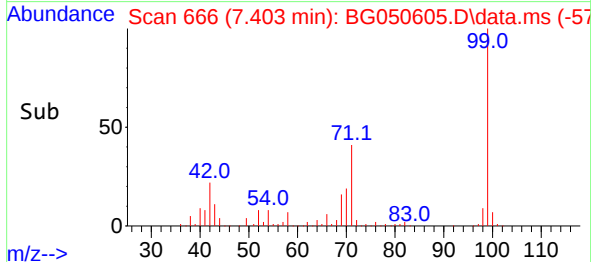
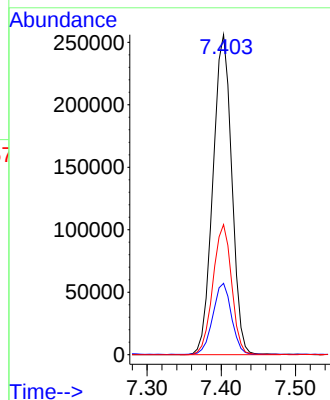
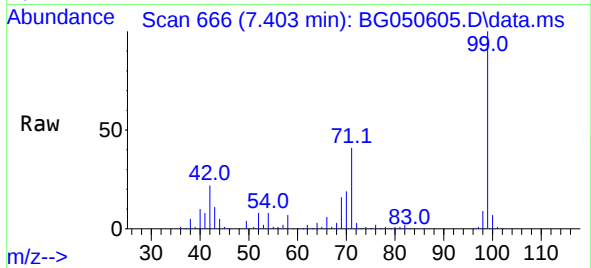




#7
Phenol-d6
Concen: 105.23 ng
RT: 7.403 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

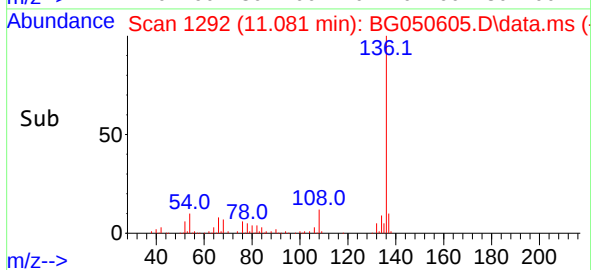
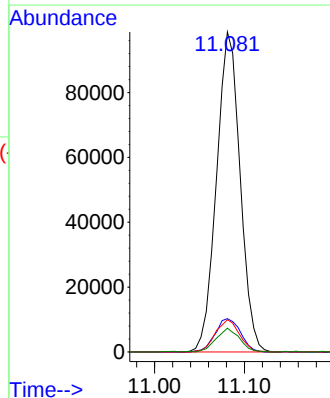
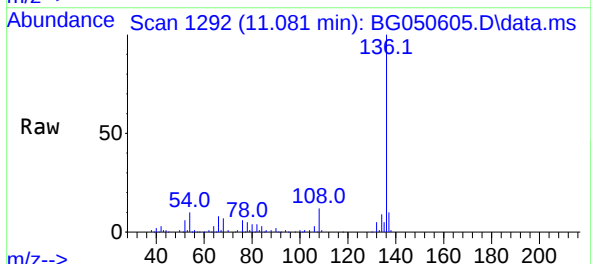
Instrument :
BNA_G
ClientSampleId :
CS-1-DEPTH-SOILPILE-BOTTOM

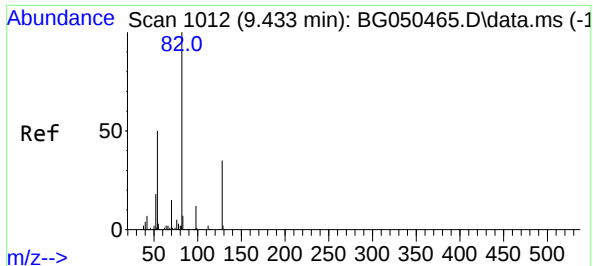
Tgt Ion: 99 Resp: 451887
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.6 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

Tgt Ion: 136 Resp: 179886
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 10.1 5.5 8.3#
68 7.5 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 94.70 ng

RT: 9.430 min Scan# 1011

Delta R.T. 0.002 min

Lab File: BG050605.D

Acq: 15 Oct 2021 16:02

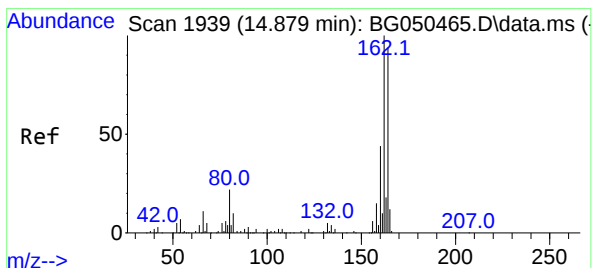
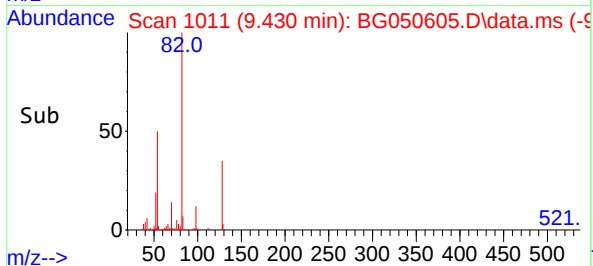
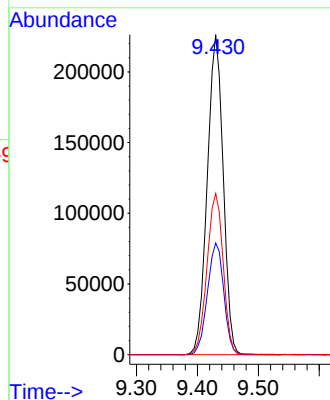
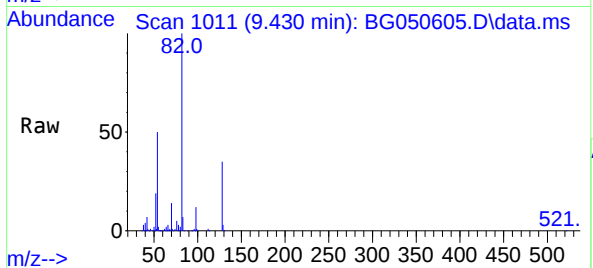
Tgt Ion:	82	Resp:	411515
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.8	44.6
54	50.3	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

CS-1-DEPTH-SOILPILE-BOTTOM



#39

Acenaphthene-d10

Concen: 20.00 ng

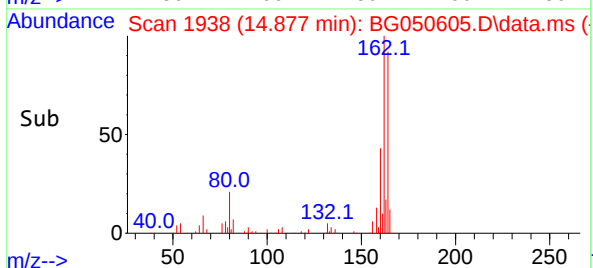
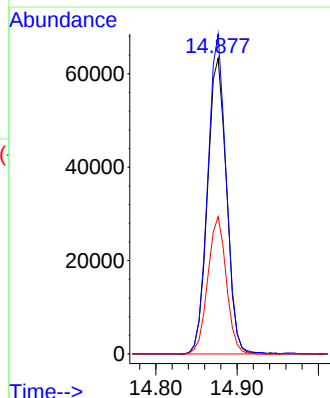
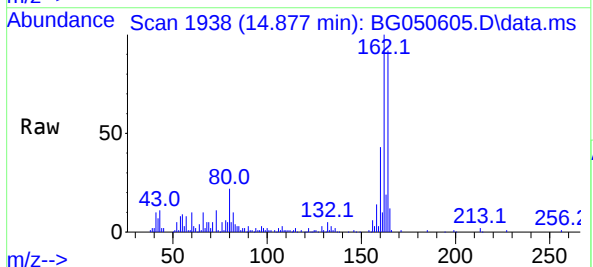
RT: 14.877 min Scan# 1938

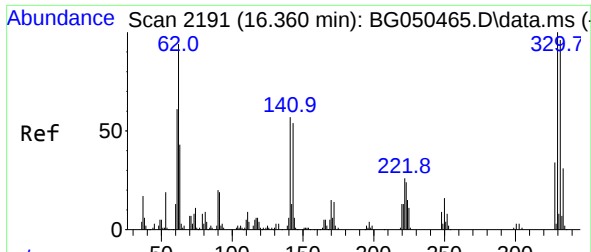
Delta R.T. 0.002 min

Lab File: BG050605.D

Acq: 15 Oct 2021 16:02

Tgt Ion:	164	Resp:	102661
Ion	Ratio	Lower	Upper
164	100		
162	108.2	81.4	122.0
160	46.4	34.9	52.3

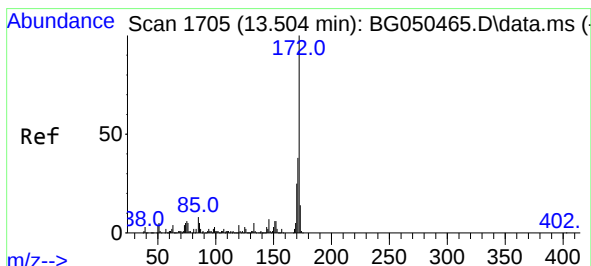
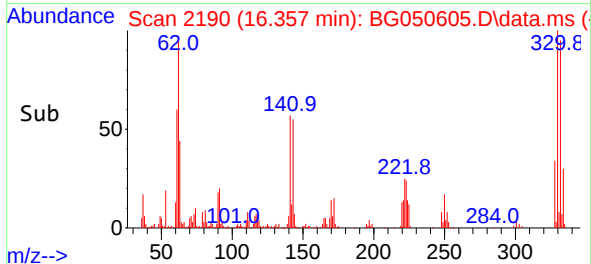
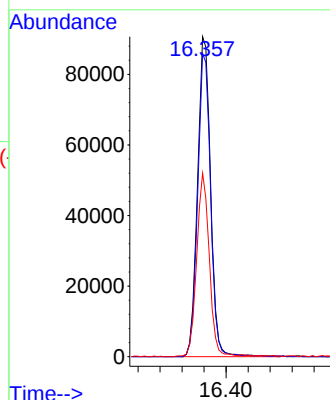
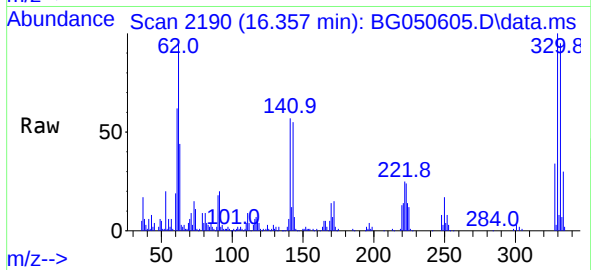




#42
2,4,6-Tribromophenol
Concen: 152.83 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

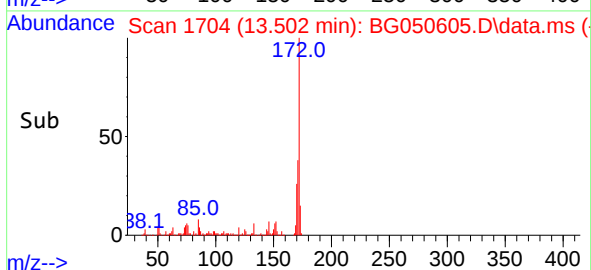
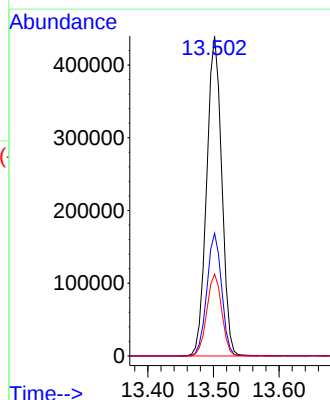
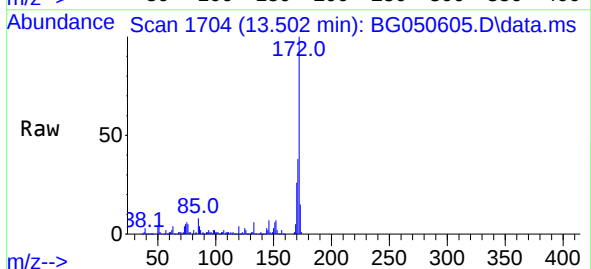
Instrument :
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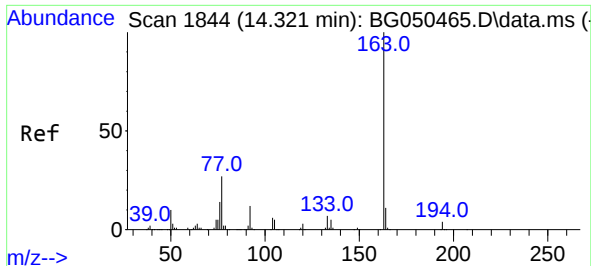
Tgt Ion:330 Resp: 149656
Ion Ratio Lower Upper
330 100
332 93.2 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 103.18 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

Tgt Ion:172 Resp: 703777
Ion Ratio Lower Upper
172 100
171 38.4 28.6 43.0
170 25.6 18.6 27.8

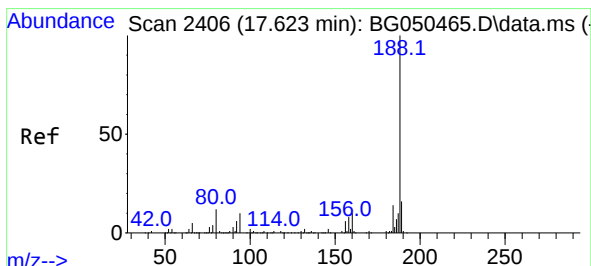
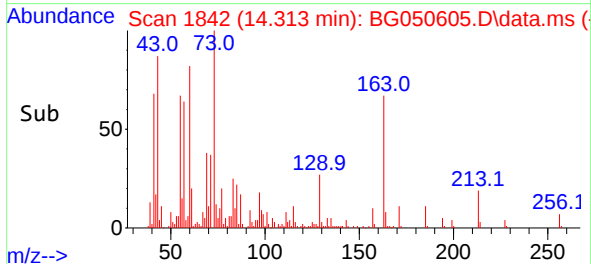
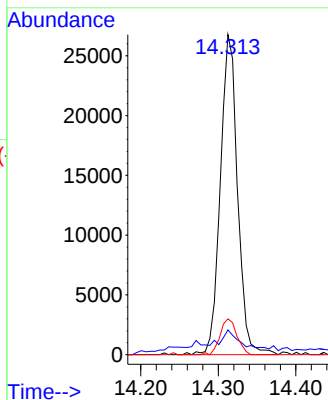
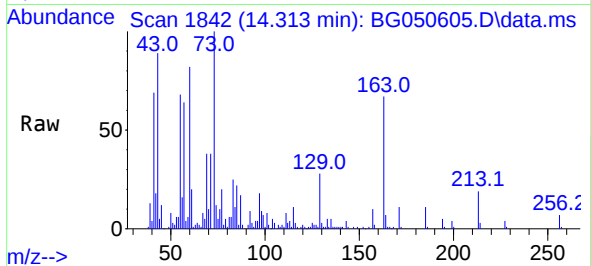




#50
Dimethylphthalate
Concen: 5.33 ng
RT: 14.313 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

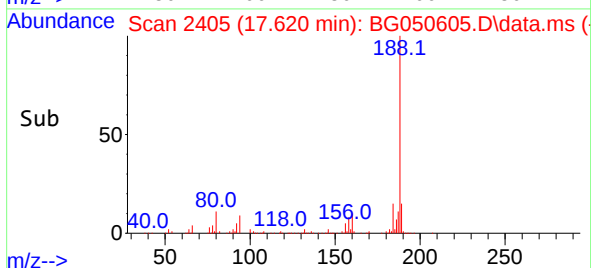
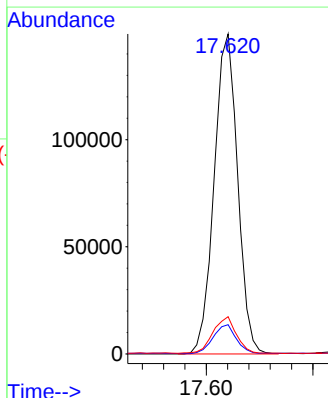
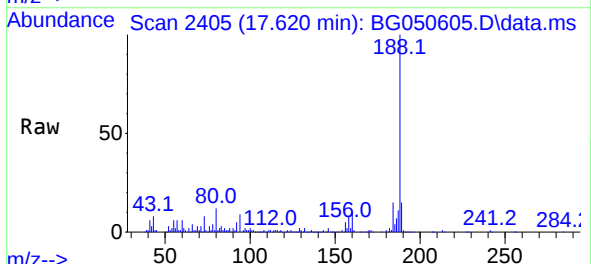
Instrument :
BNA_G
ClientSampleId :
CS-1-DEPTH-SOILPILE-BOTTOM

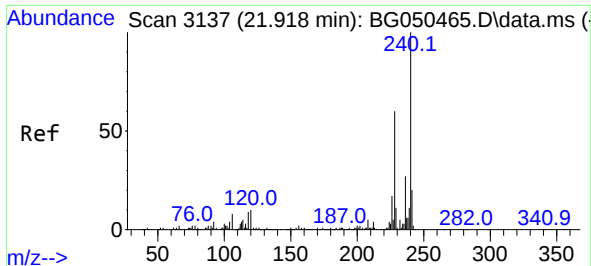
Tgt Ion:163 Resp: 41338
Ion Ratio Lower Upper
163 100
194 7.8 3.0 4.6#
164 11.2 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.620 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

Tgt Ion:188 Resp: 227787
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.6 3.7 5.5#

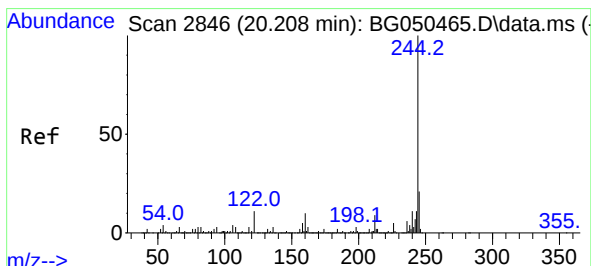
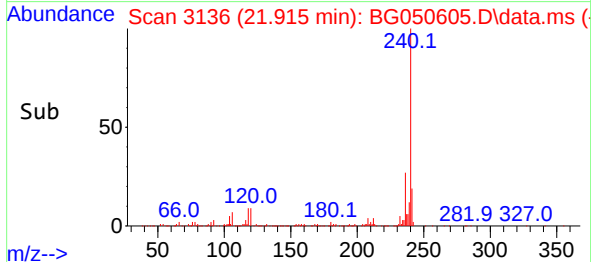
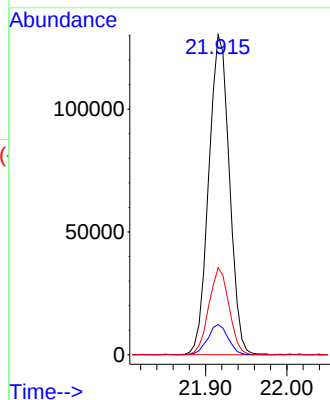
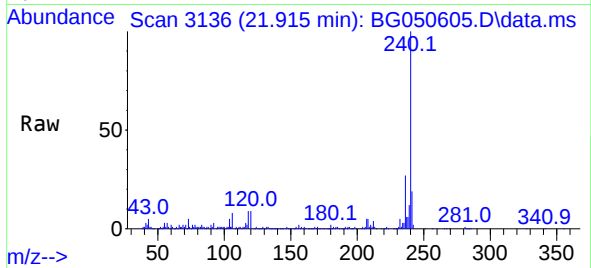




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

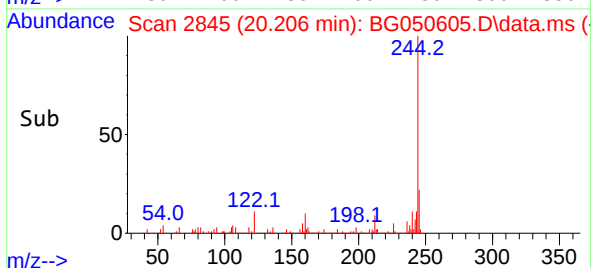
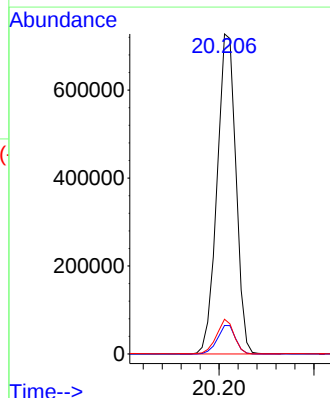
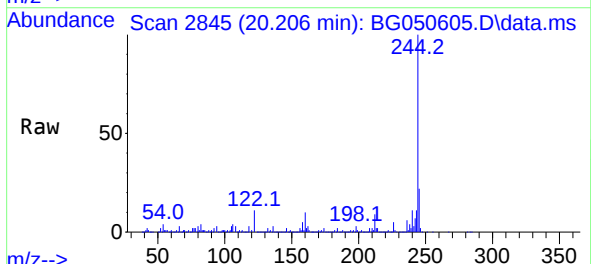
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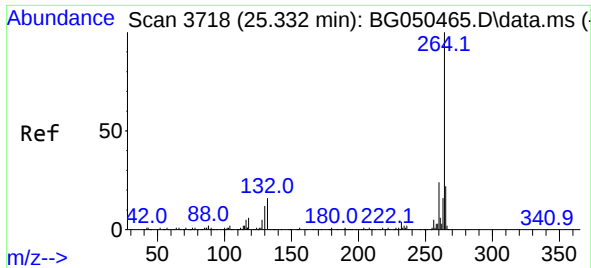
Tgt Ion:240 Resp: 229909
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 27.2 21.8 32.6



#79
Terphenyl-d14
Concen: 85.34 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050605.D
Acq: 15 Oct 2021 16:02

Tgt Ion:244 Resp: 1006838
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.9 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.329 min Scan# 3717
 Delta R.T. -0.003 min
 Lab File: BG050605.D
 Acq: 15 Oct 2021 16:02

Instrument :
 BNA_G
 ClientSampleId :
 CS-1-DEPTH-SOILPILE-BOTTOM

Tgt Ion:264 Resp: 227189

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.5	16.9	25.3

