

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050490.D
 Acq On : 7 Oct 2021 19:45
 Operator : CG/JU
 Sample : M4113-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Oct 08 05:45:53 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	40091	20.00	ng	0.00
21) Naphthalene-d8	11.086	136	165824	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	114694	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	280008	20.00	ng	# 0.00
76) Chrysene-d12	21.914	240	266905	20.00	ng	# 0.00
86) Perylene-d12	25.328	264	262860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	252081	94.04	ng	0.00
7) Phenol-d6	7.390	99	345224	88.95	ng	0.00
23) Nitrobenzene-d5	9.429	82	243294	60.74	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	108103	98.82	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	438653	57.56	ng	0.00
79) Terphenyl-d14	20.204	244	784174	57.26	ng	0.00

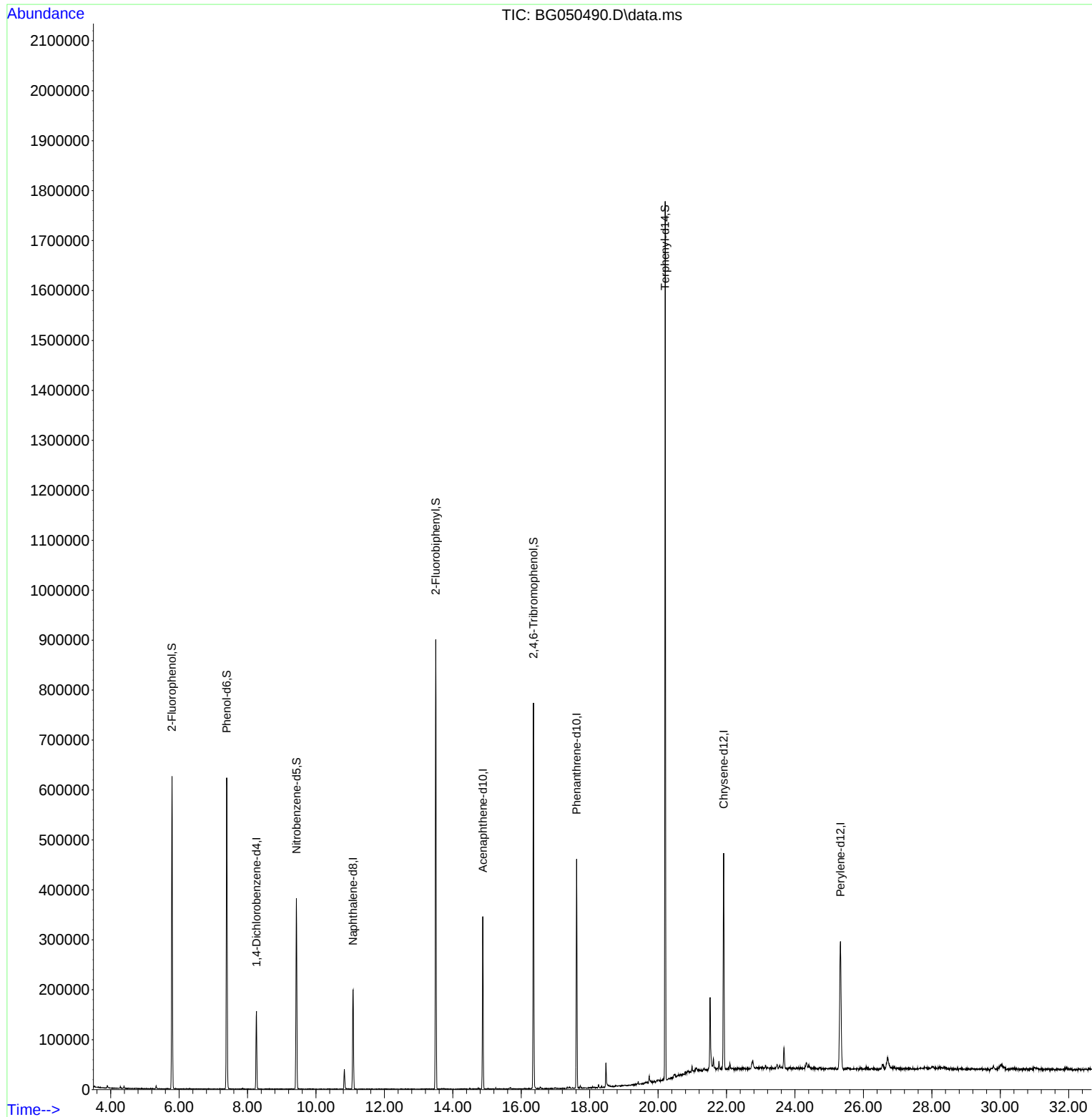
Target Compounds	Qvalue
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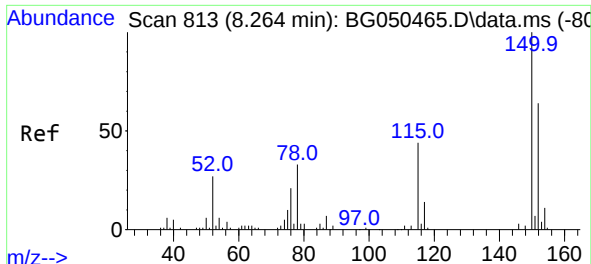
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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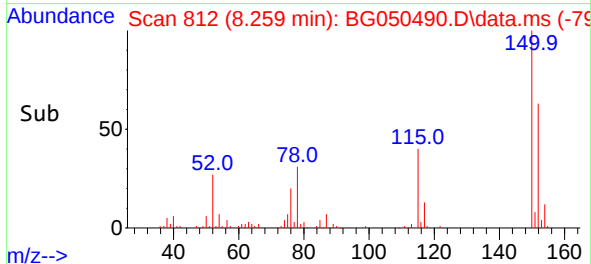
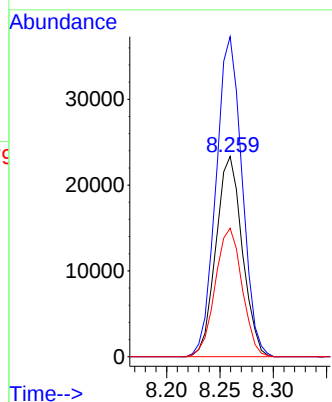
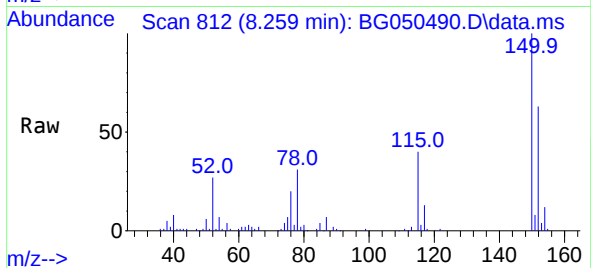




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

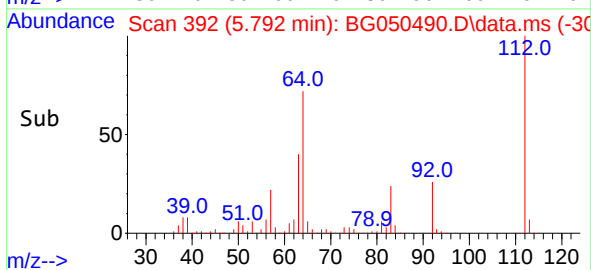
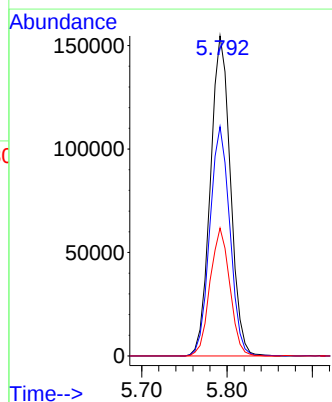
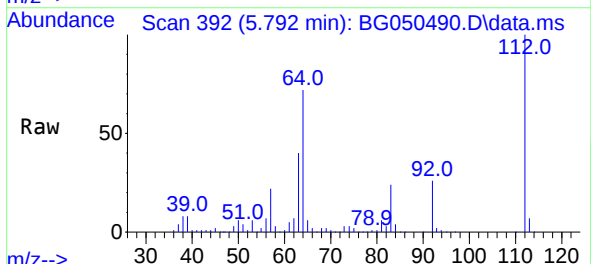
Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 40091
Ion Ratio Lower Upper
152 100
150 159.7 119.4 179.0
115 64.1 60.2 90.4



#5
2-Fluorophenol
Concen: 94.04 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:112 Resp: 252081
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 39.9 35.3 52.9

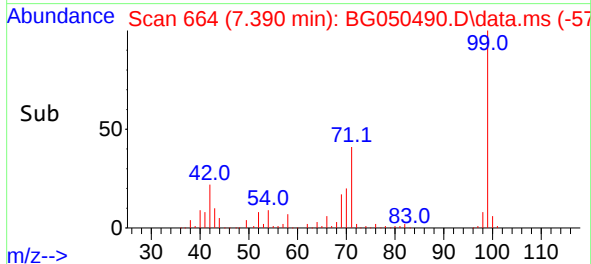
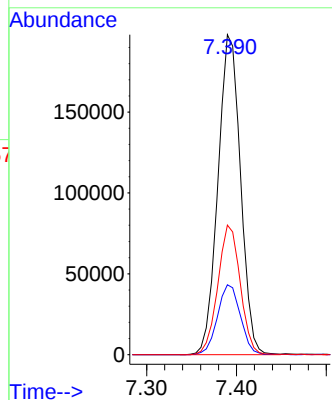
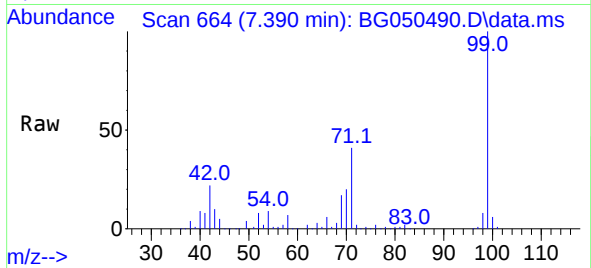




#7
Phenol-d6
Concen: 88.95 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

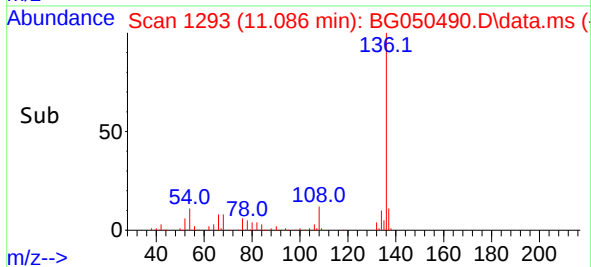
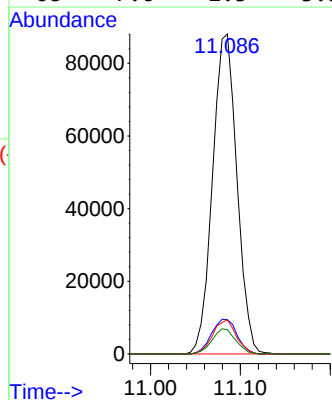
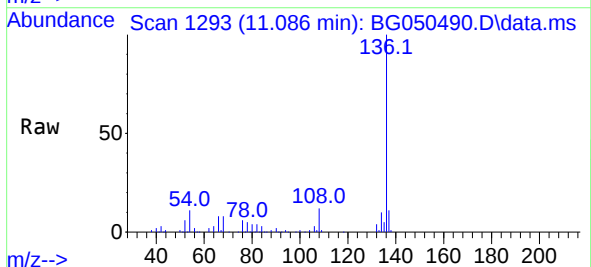
Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 345224
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 40.5 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.086 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:136 Resp: 165824
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 10.7 5.5 8.3#
68 7.6 2.3 3.5#

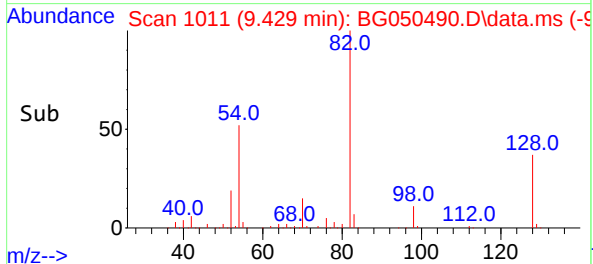
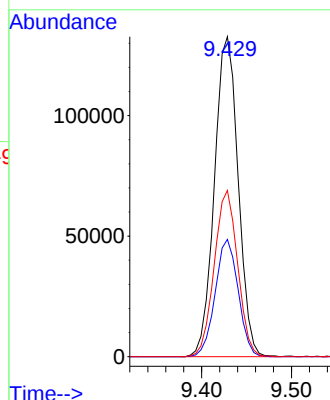
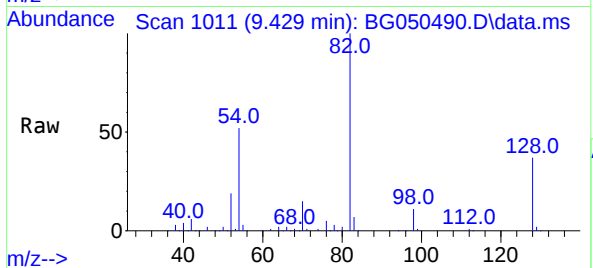




#23
Nitrobenzene-d5
Concen: 60.74 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

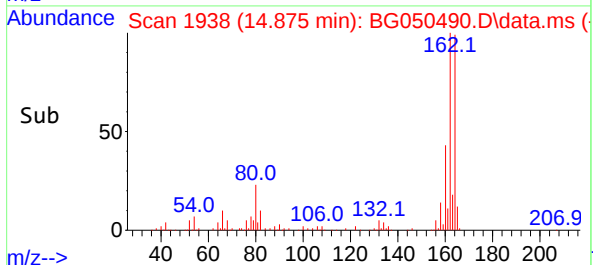
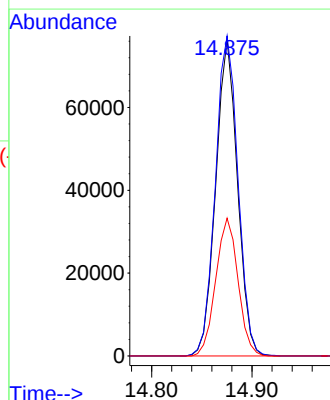
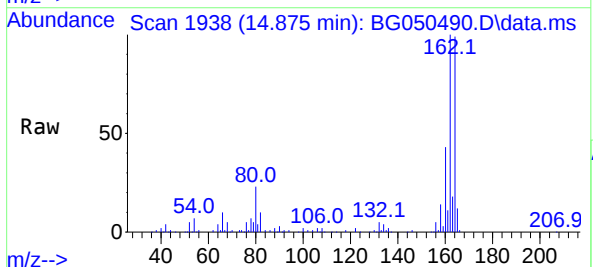
Instrument :
BNA_G
ClientSampled :
TP-1

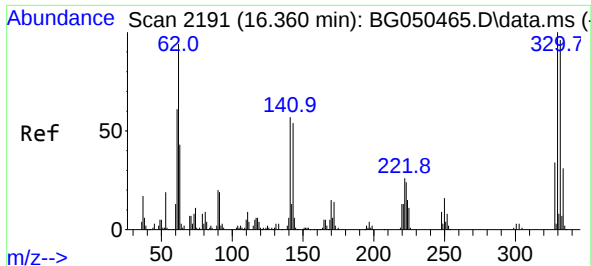
Tgt Ion: 82 Resp: 243294
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 52.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

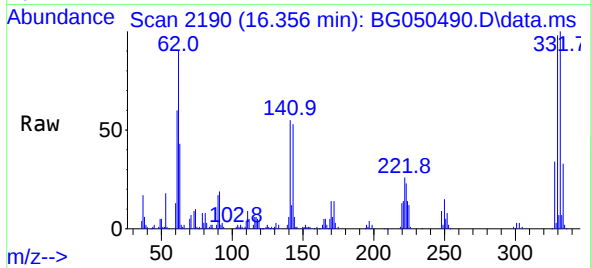
Tgt Ion:164 Resp: 114694
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.5 34.9 52.3



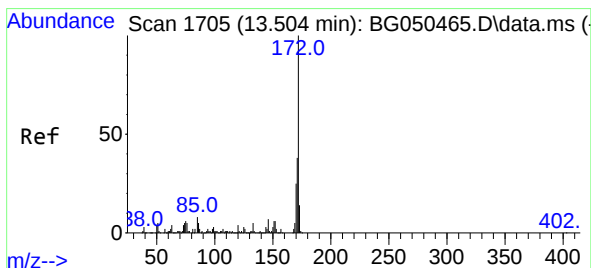
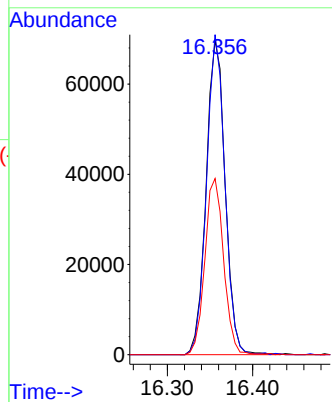
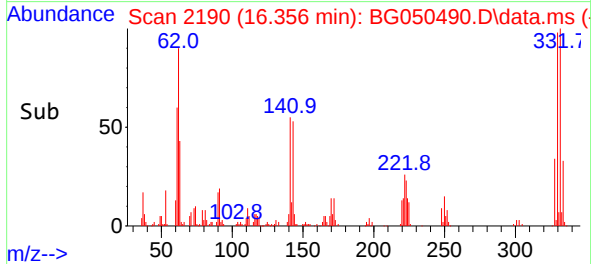


#42
2,4,6-Tribromophenol
Concen: 98.82 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

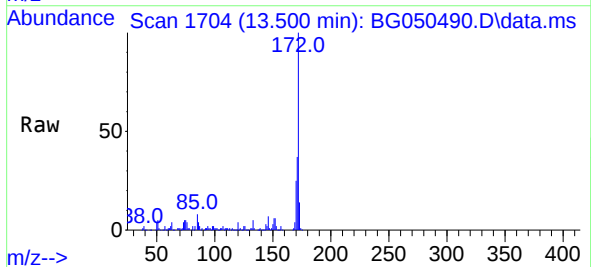
Instrument :
BNA_G
ClientSampleId :
TP-1



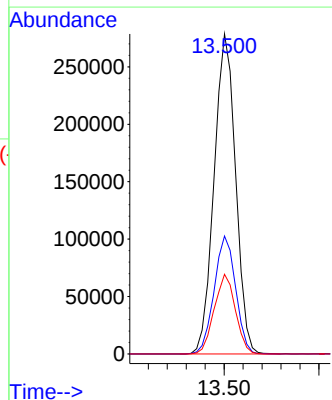
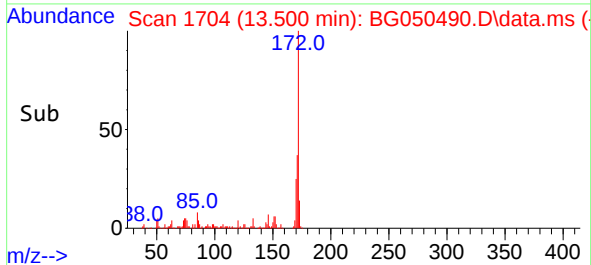
Tgt Ion:330 Resp: 108103
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 55.5 35.6 53.4#

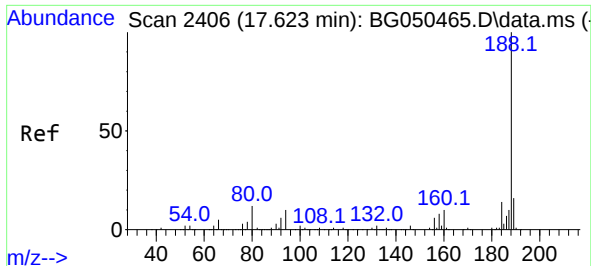


#45
2-Fluorobiphenyl
Concen: 57.56 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45



Tgt Ion:172 Resp: 438653
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.9 18.6 27.8

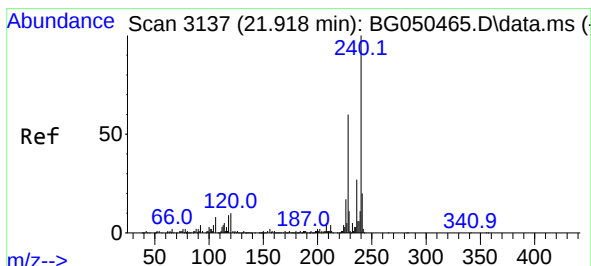
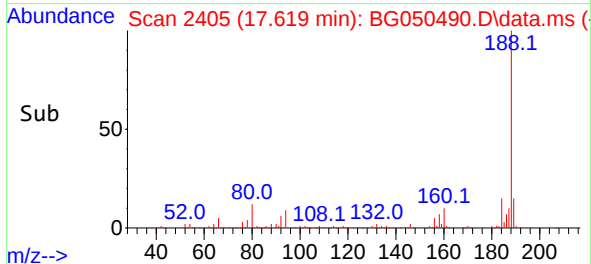
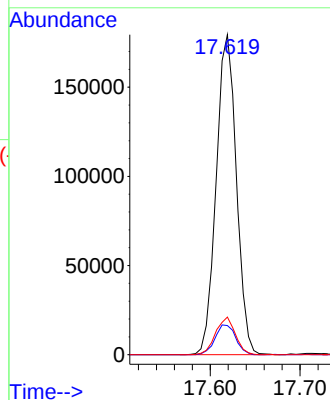
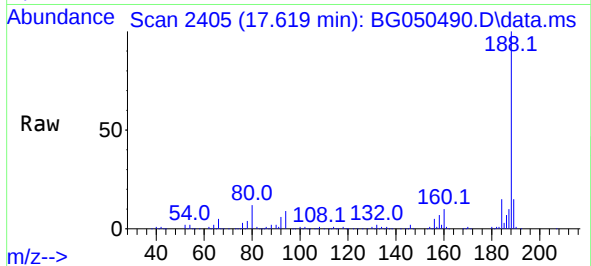




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

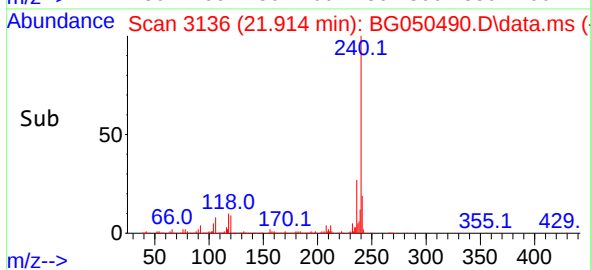
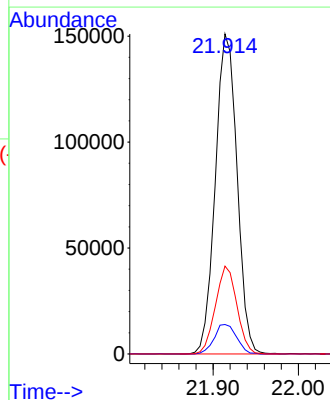
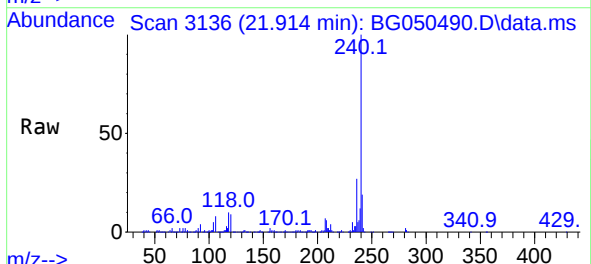
Instrument :
BNA_G
ClientSampled :
TP-1

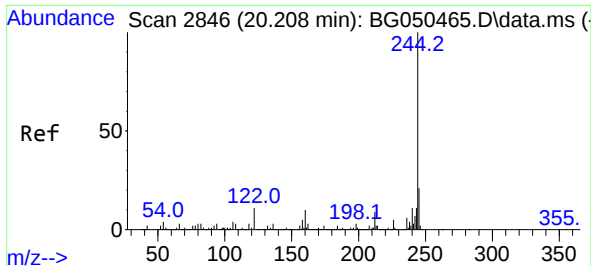
Tgt Ion:188 Resp: 280008
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:240 Resp: 266905
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 27.4 21.8 32.6

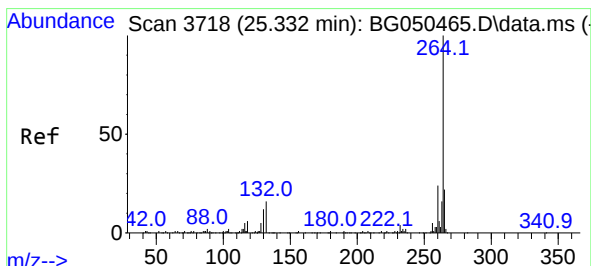
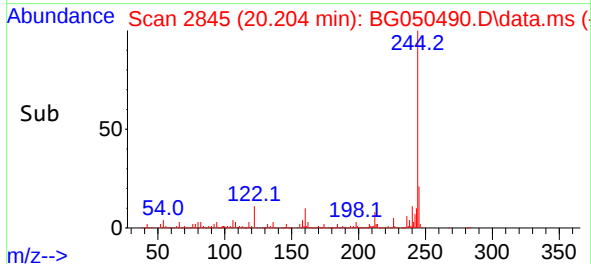
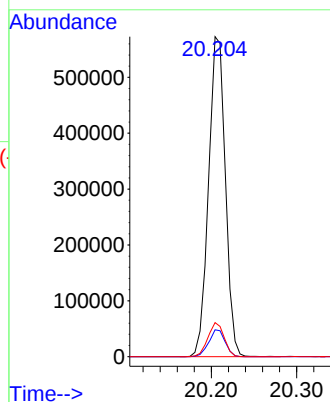
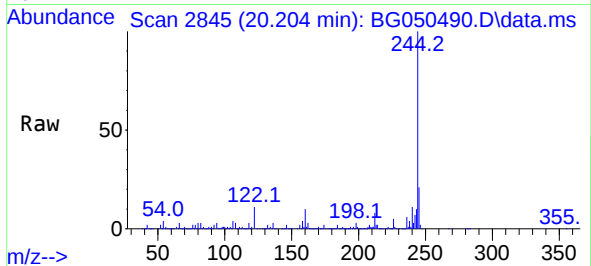




#79
 Terphenyl-d14
 Concen: 57.26 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050490.D
 Acq: 7 Oct 2021 19:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 784174
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 10.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.328 min Scan# 3717
 Delta R.T. -0.004 min
 Lab File: BG050490.D
 Acq: 7 Oct 2021 19:45

Tgt Ion:264 Resp: 262860
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.9 16.9 25.3

