

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053490.D
 Acq On : 9 May 2022 13:07
 Operator : CG/JU
 Sample : PB144642BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144642BL

Quant Time: May 09 16:21:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

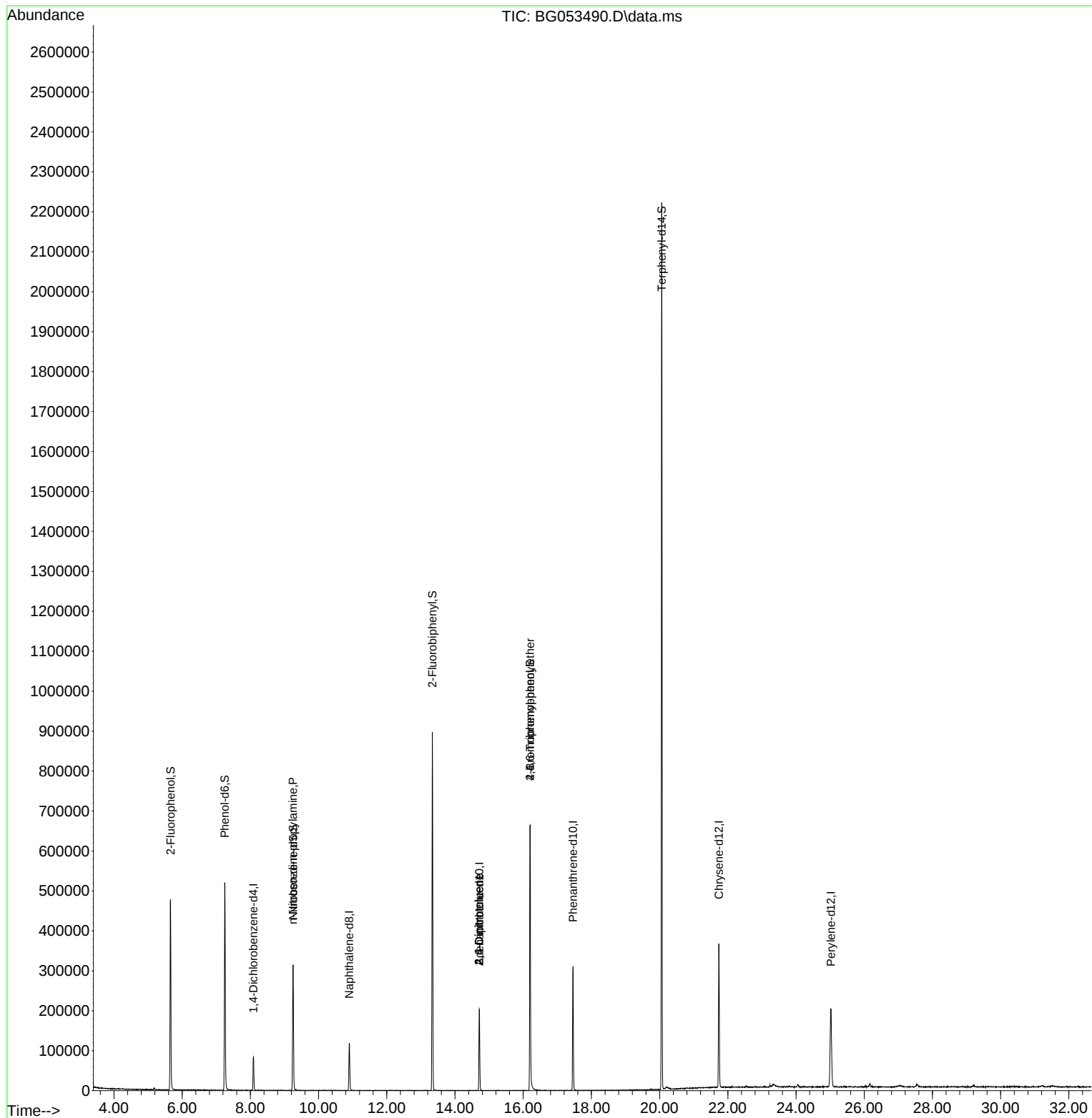
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	23915	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	99630	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	80080	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	204601	20.000	ng	0.00
76) Chrysene-d12	21.737	240	231725	20.000	ng	0.00
86) Perylene-d12	25.026	264	229300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	203590	144.478	ng	0.00
7) Phenol-d6	7.250	99	299390	139.994	ng	0.00
23) Nitrobenzene-d5	9.254	82	204521	87.385	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	148107	125.399	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	473889	86.474	ng	0.00
79) Terphenyl-d14	20.063	244	1104619	88.783	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	28610	18.646	ng	Qvalue # 77
51) 2,6-Dinitrotoluene	14.711	165	10232	8.253	ng	# 18
57) 2,4-Dinitrotoluene	14.711	165	10232	5.694	ng	# 23
67) 4-Bromophenyl-phenylether	16.203	248	9525	3.986	ng	# 1

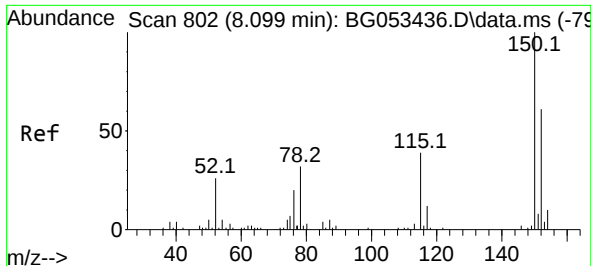
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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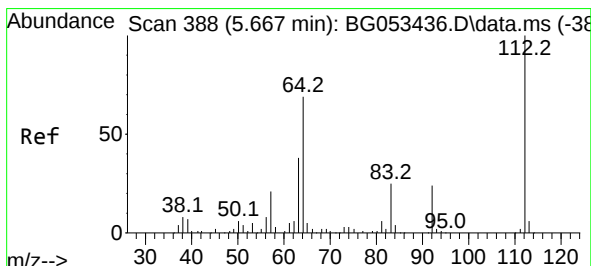
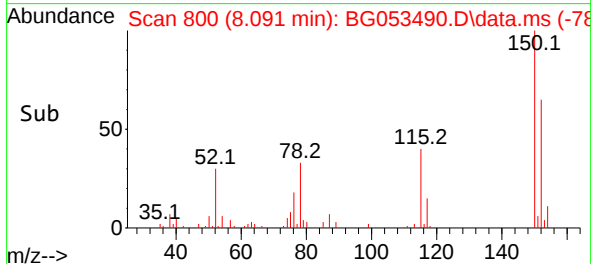
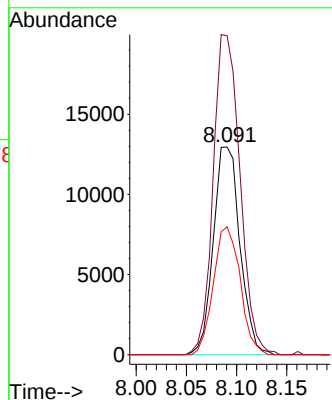
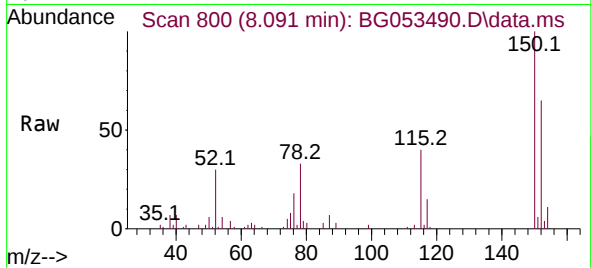




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

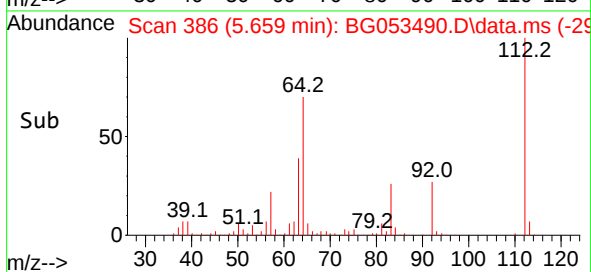
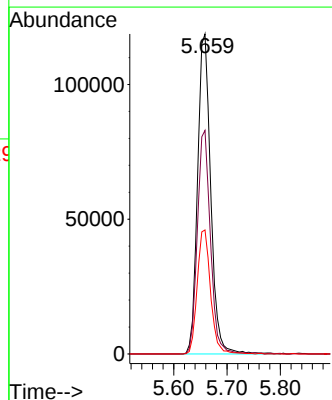
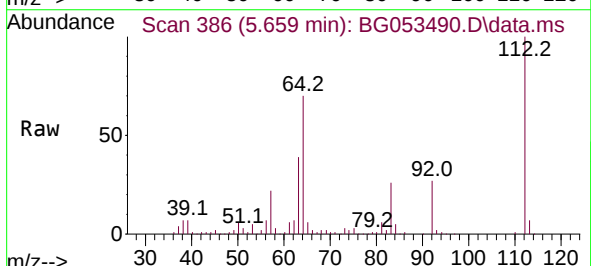
Instrument :
BNA_G
ClientSampleId :
PB144642BL

Tgt Ion:152 Resp: 23915
Ion Ratio Lower Upper
152 100
150 153.6 131.6 197.4
115 61.6 50.9 76.3



#5
2-Fluorophenol
Concen: 144.478 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion:112 Resp: 203590
Ion Ratio Lower Upper
112 100
64 69.9 55.1 82.7
63 38.8 30.4 45.6

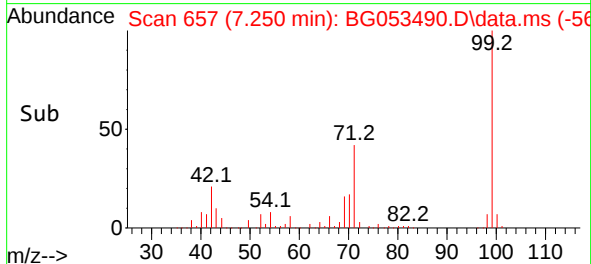
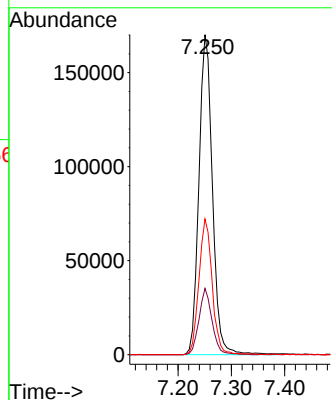
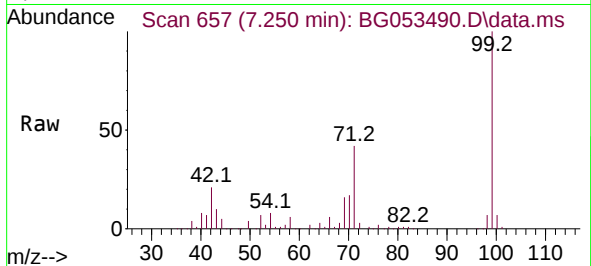




#7
Phenol-d6
Concen: 139.994 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

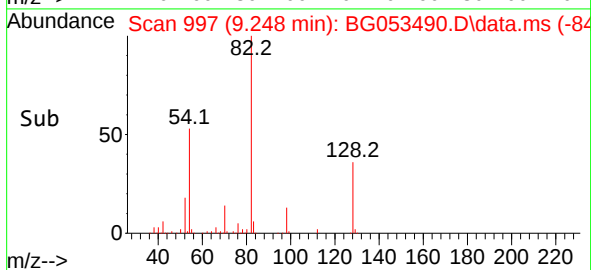
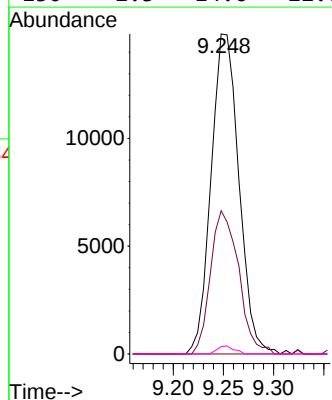
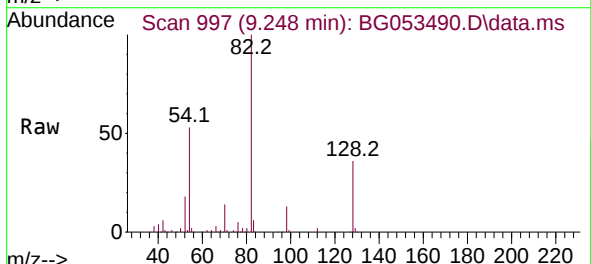
Instrument :
BNA_G
ClientSampleId :
PB144642BL

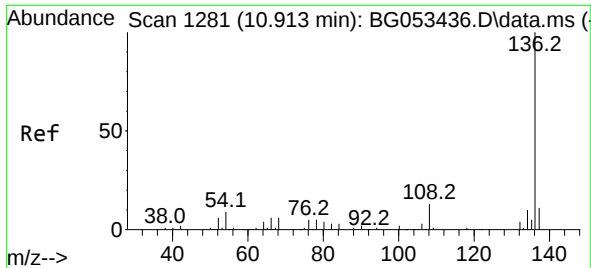
Tgt Ion: 99 Resp: 299390
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 42.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.646 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion: 70 Resp: 28610
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

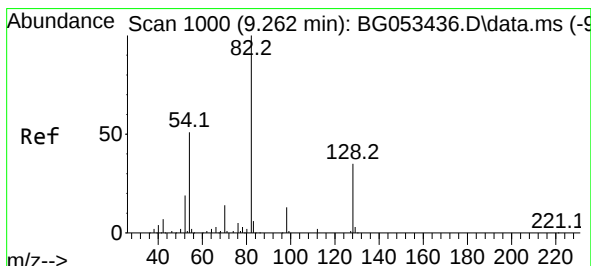
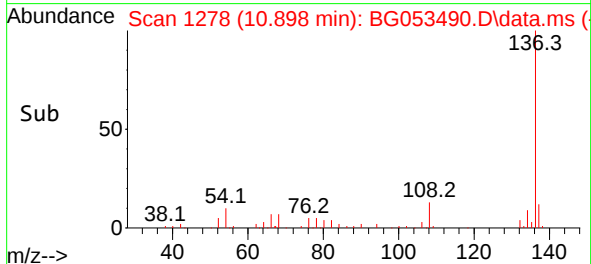
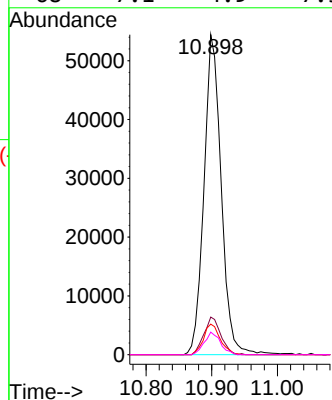
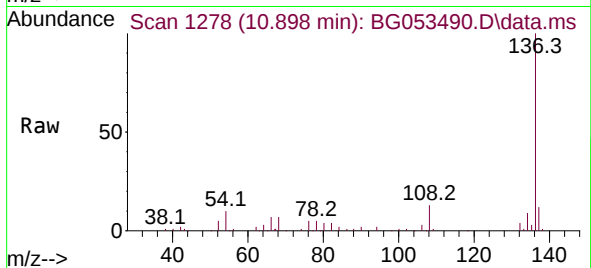




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

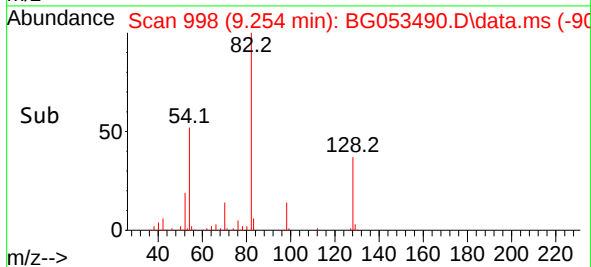
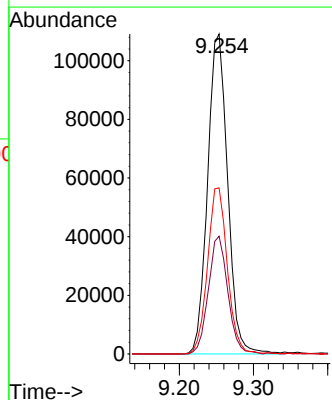
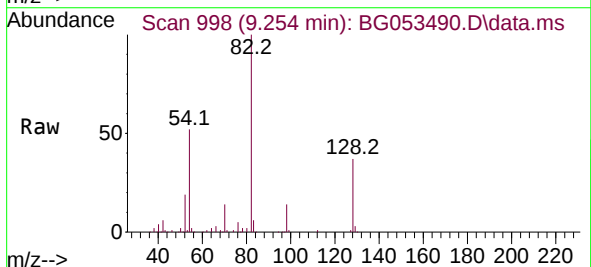
Instrument :
BNA_G
ClientSampleId :
PB144642BL

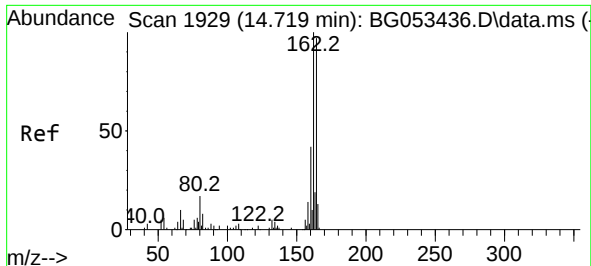
Tgt Ion:	136	Resp:	99630
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	9.6	7.4	11.2
68	7.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 87.385 ng
RT: 9.254 min Scan# 998
Delta R.T. -0.008 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion:	82	Resp:	204521
Ion Ratio	Lower	Upper	
82	100		
128	36.8	27.9	41.9
54	51.9	41.2	61.8

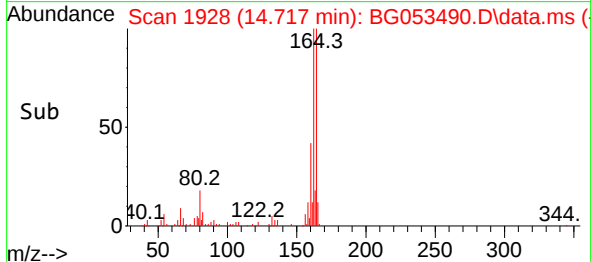
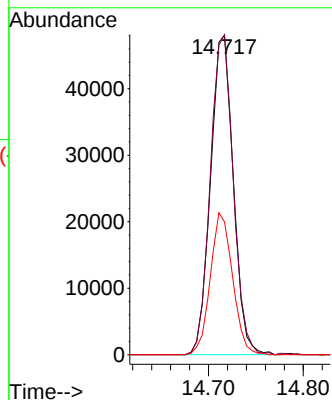
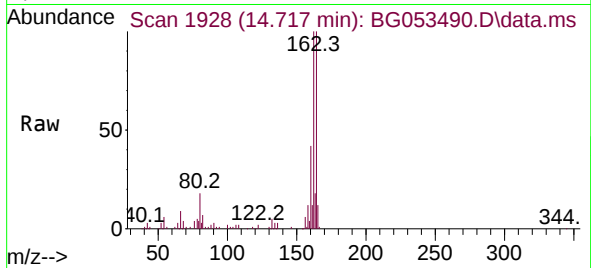




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

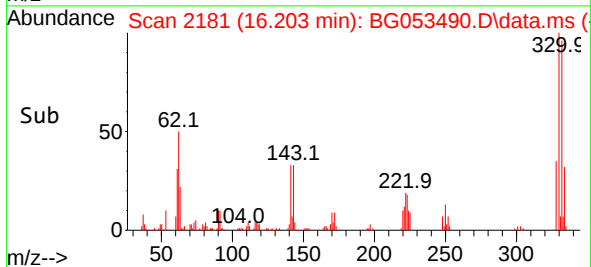
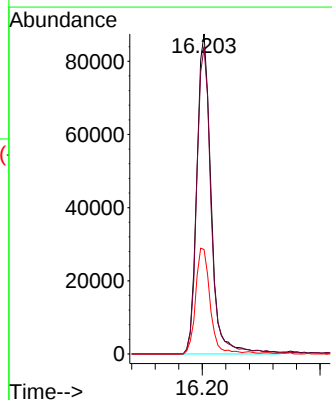
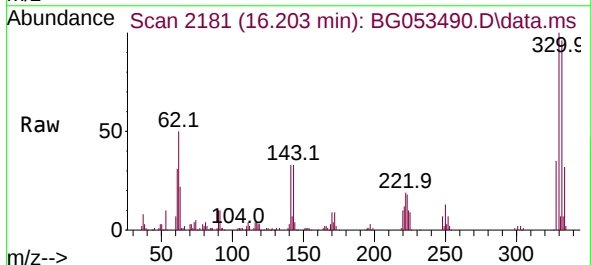
Instrument :
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ClientSampleId :
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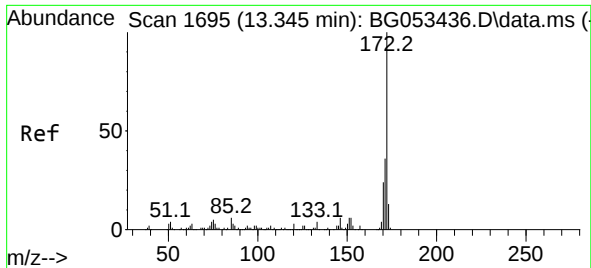
Tgt Ion:164 Resp: 80080
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 41.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 125.399 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion:330 Resp: 148107
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 33.2 27.1 40.7

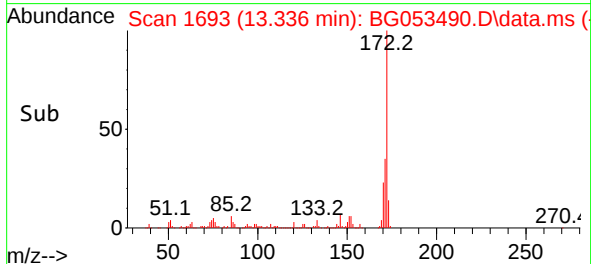
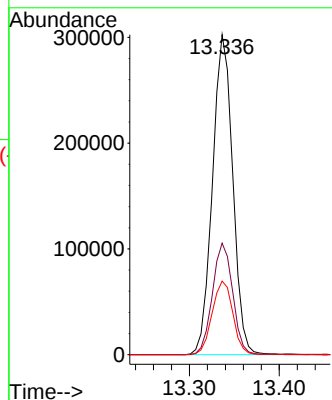
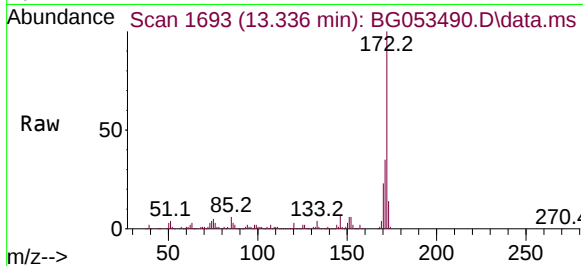




#45
2-Fluorobiphenyl
Concen: 86.474 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

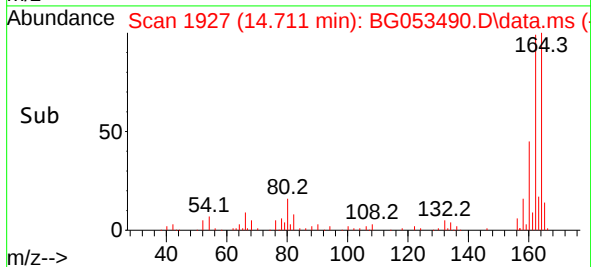
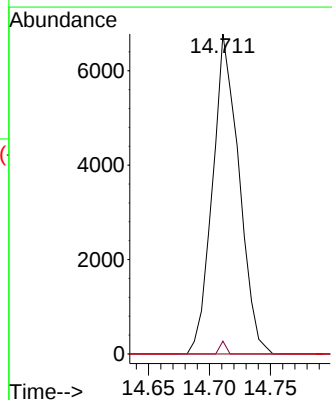
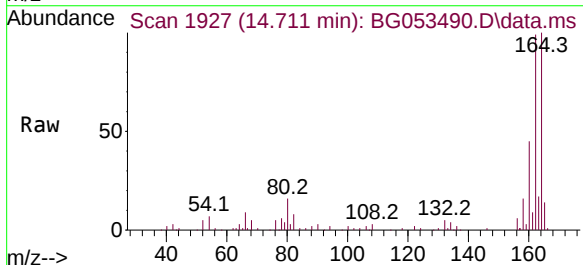
Instrument :
BNA_G
ClientSampleId :
PB144642BL

Tgt Ion:172 Resp: 473889
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.253 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.421 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion:165 Resp: 10232
Ion Ratio Lower Upper
165 100
63 4.0 54.1 81.1#
89 0.0 54.8 82.2#

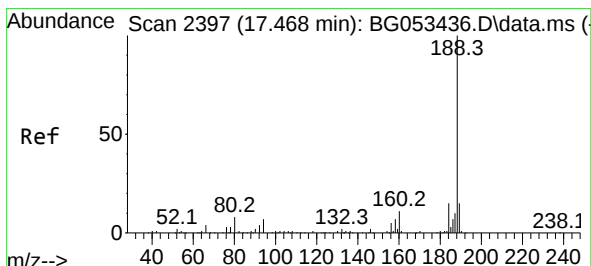
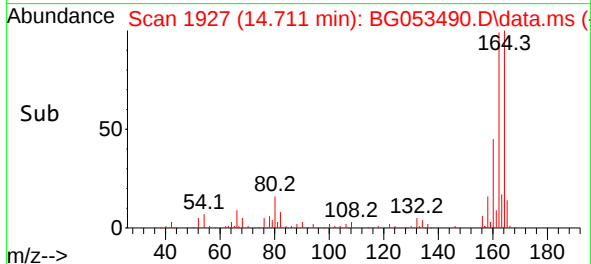
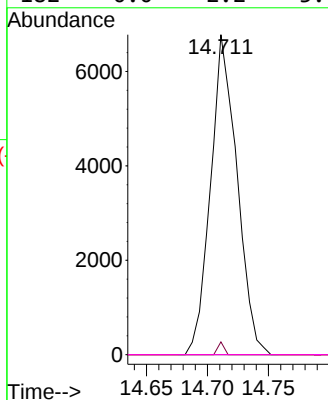
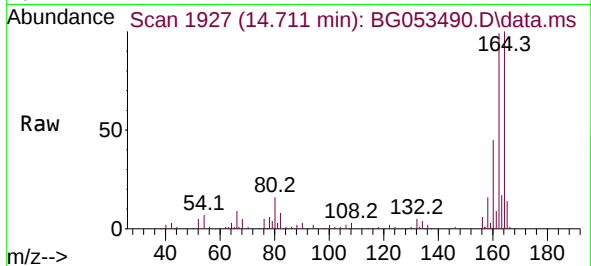




#57
2,4-Dinitrotoluene
Concen: 5.694 ng
RT: 14.711 min Scan# 1991
Delta R.T. -0.372 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

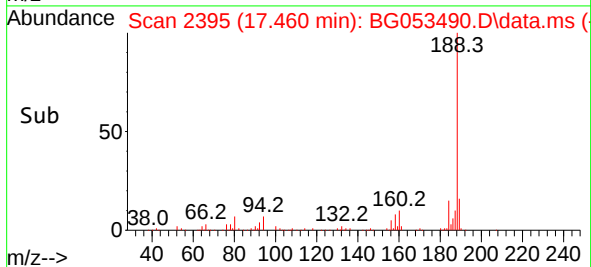
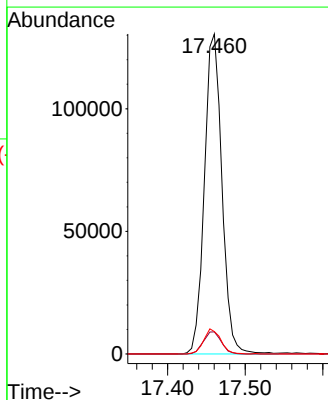
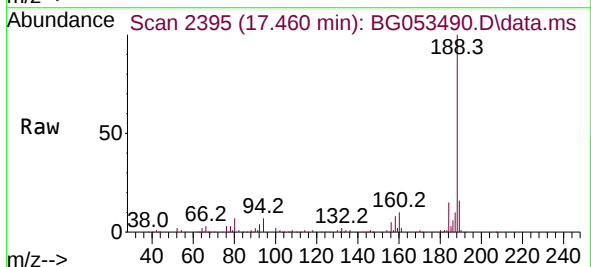
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BNA_G
ClientSampleId :
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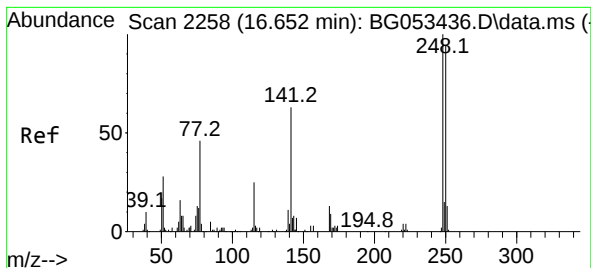
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Ion Ratio Lower Upper
165 100
63 4.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion:188 Resp: 204601
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.0 6.8 10.2

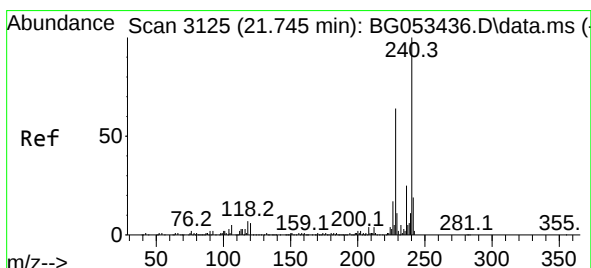
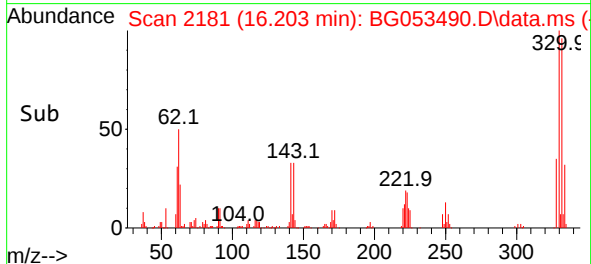
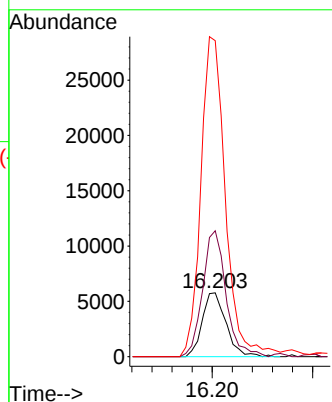
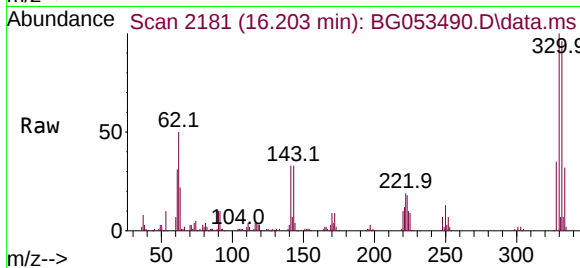




#67
4-Bromophenyl-phenylether
Concen: 3.986 ng
RT: 16.203 min Scan# 21181
Delta R.T. -0.449 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

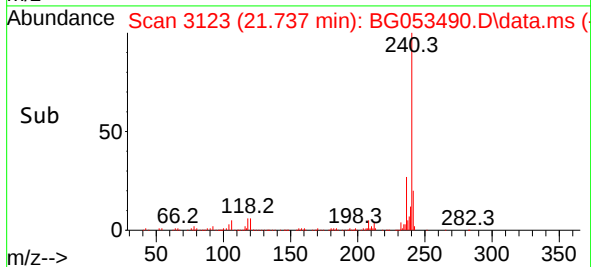
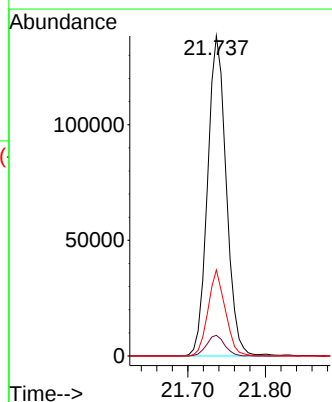
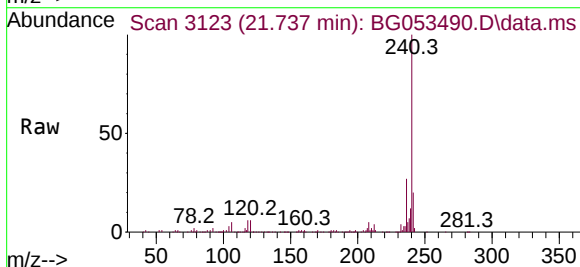
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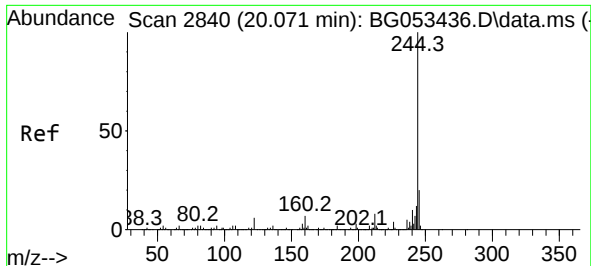
Tgt Ion:248 Resp: 9525
Ion Ratio Lower Upper
248 100
250 197.5 75.2 112.8#
141 495.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053490.D
Acq: 9 May 2022 13:07

Tgt Ion:240 Resp: 231725
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 26.9 20.2 30.4

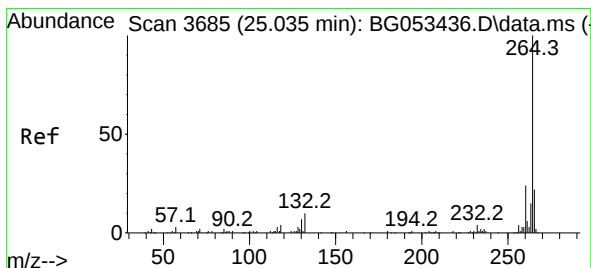
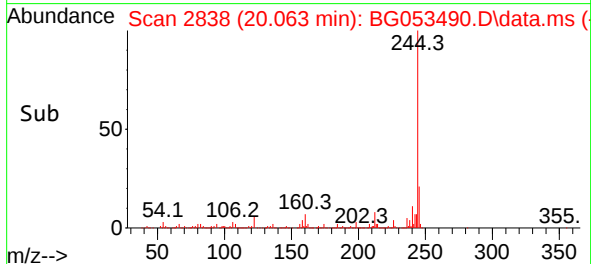
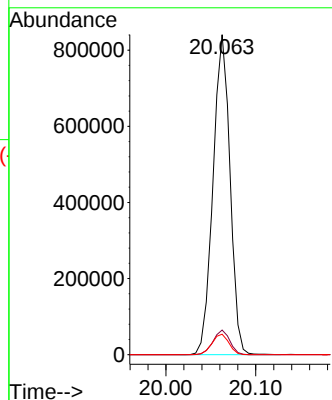
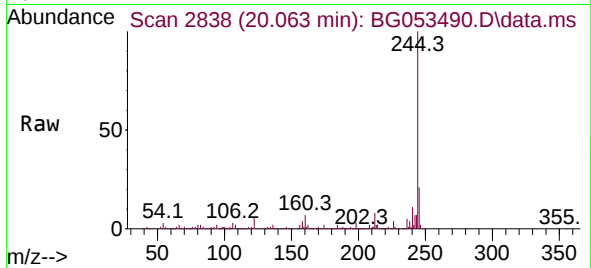




#79
 Terphenyl-d14
 Concen: 88.783 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053490.D
 Acq: 9 May 2022 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB144642BL

Tgt Ion:244 Resp: 1104619
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 3683
 Delta R.T. -0.008 min
 Lab File: BG053490.D
 Acq: 9 May 2022 13:07

Tgt Ion:264 Resp: 229300
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.6 17.4 26.2

