

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053506.D
 Acq On : 10 May 2022 12:59
 Operator : CG/JU
 Sample : PB144673BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144673BL

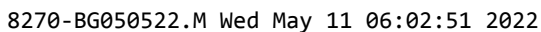
Quant Time: May 11 06:02:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

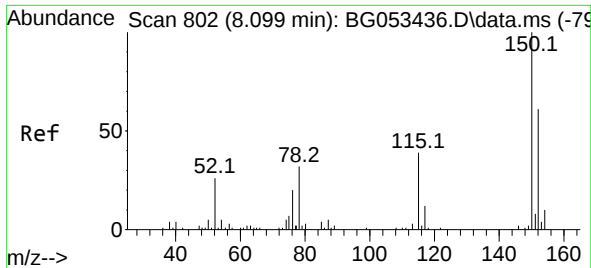
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	21923	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	93504	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	76204	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	202135	20.000	ng	0.00
76) Chrysene-d12	21.736	240	219389	20.000	ng	0.00
86) Perylene-d12	25.020	264	214842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	199826	154.692	ng	0.00
7) Phenol-d6	7.250	99	301059	153.566	ng	0.00
23) Nitrobenzene-d5	9.253	82	210153	95.674	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	157882	140.474	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	497189	95.340	ng	0.00
79) Terphenyl-d14	20.062	244	1123786	95.402	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	29662	21.088	ng	Qvalue
51) 2,6-Dinitrotoluene	14.711	165	9981	8.460	ng	# 77
57) 2,4-Dinitrotoluene	14.711	165	9981	5.837	ng	# 17
67) 4-Bromophenyl-phenylether	16.203	248	10503	4.449	ng	# 23
67) 4-Bromophenyl-phenylether	16.203	248	10503	4.449	ng	# 1

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

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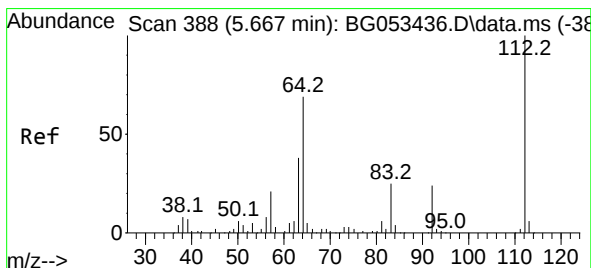
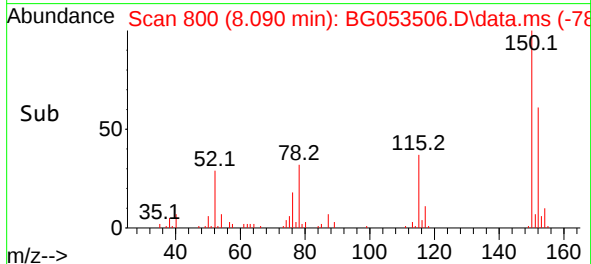
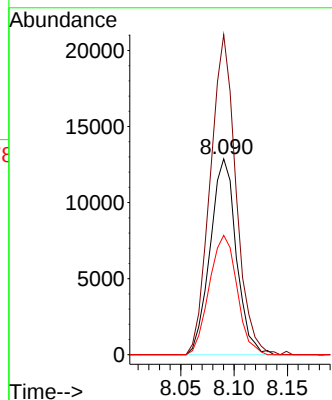
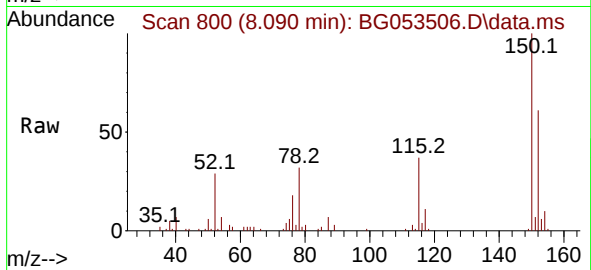




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

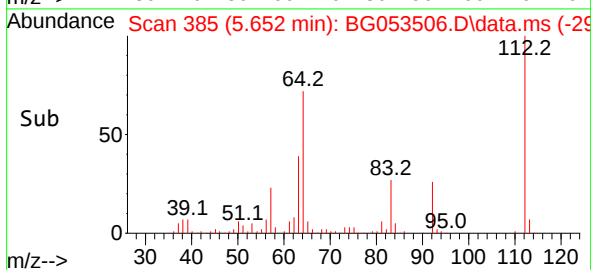
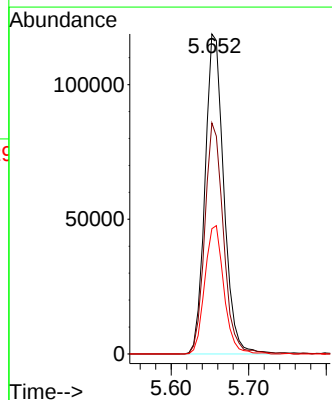
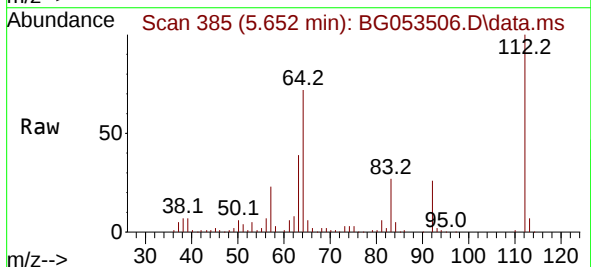
Instrument :
BNA_G
ClientSampleId :
PB144673BL

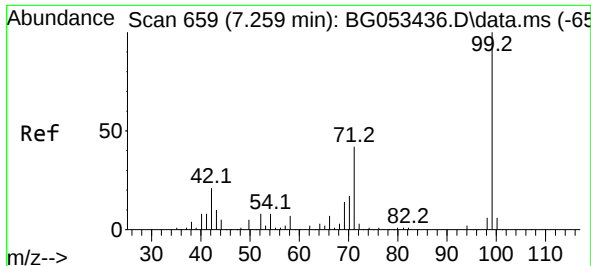
Tgt Ion:152 Resp: 21923
Ion Ratio Lower Upper
152 100
150 163.4 131.6 197.4
115 60.9 50.9 76.3



#5
2-Fluorophenol
Concen: 154.692 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

Tgt Ion:112 Resp: 199826
Ion Ratio Lower Upper
112 100
64 72.2 55.1 82.7
63 39.1 30.4 45.6

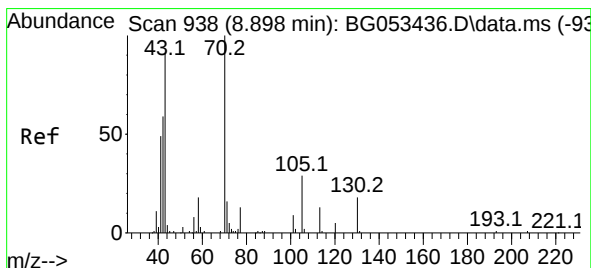
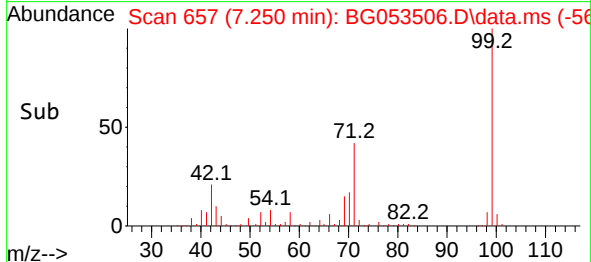
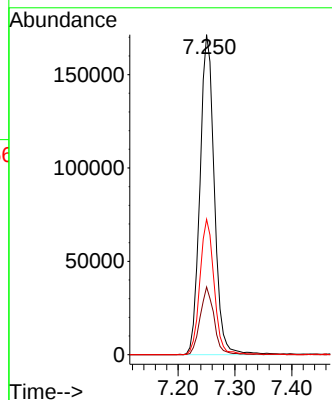
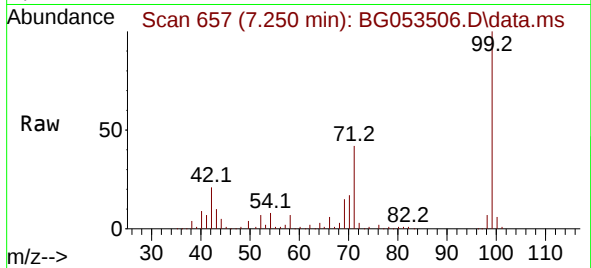




#7
Phenol-d6
Concen: 153.566 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

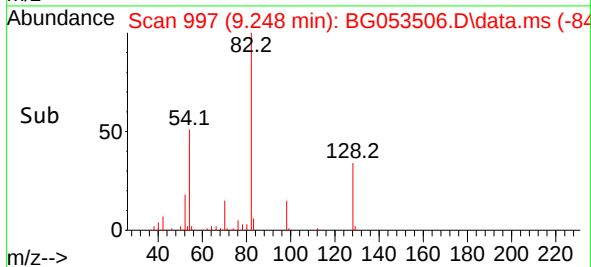
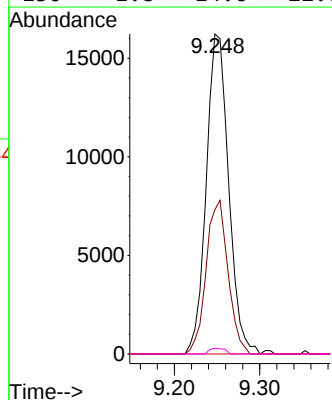
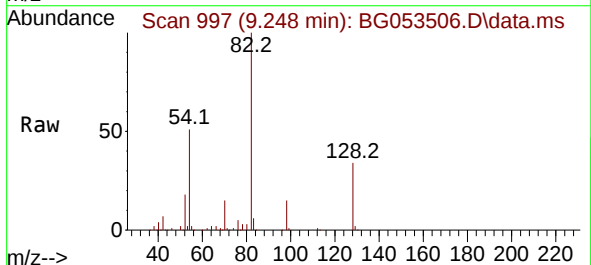
Instrument :
BNA_G
ClientSampleId :
PB144673BL

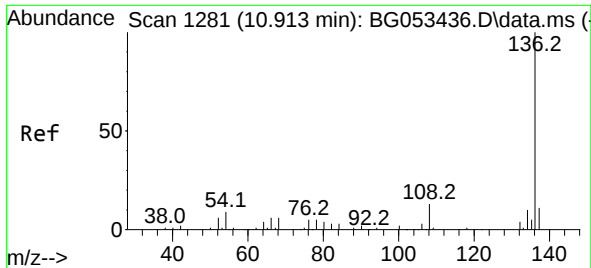
Tgt Ion: 99 Resp: 301059
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 42.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.088 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.359 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

Tgt Ion: 70 Resp: 29662
Ion Ratio Lower Upper
70 100
42 45.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

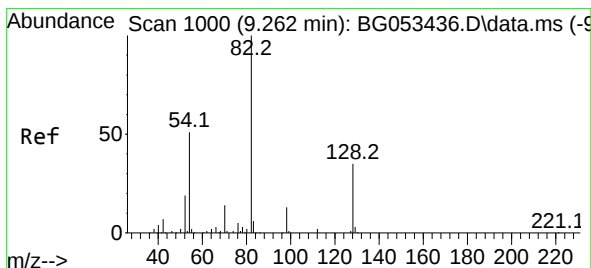
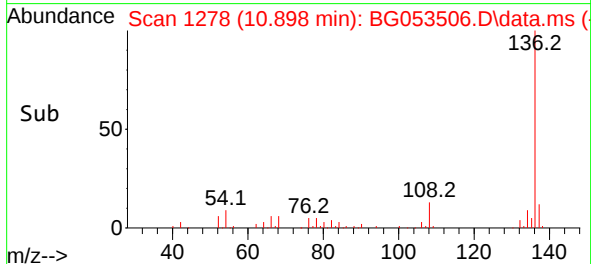
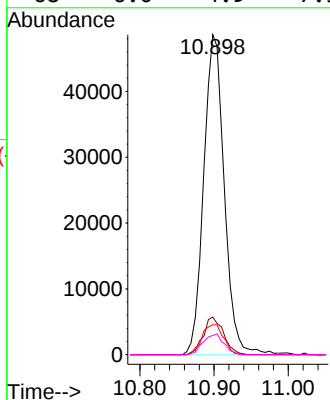
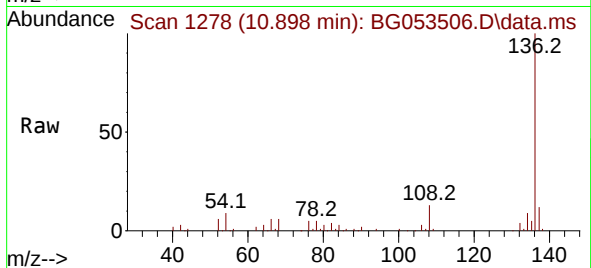




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

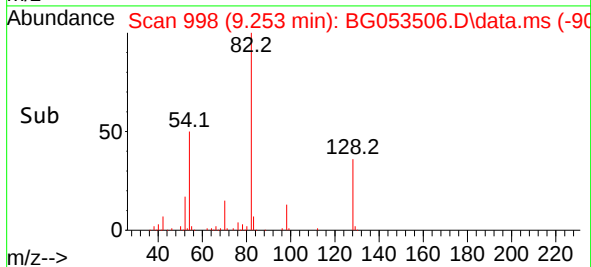
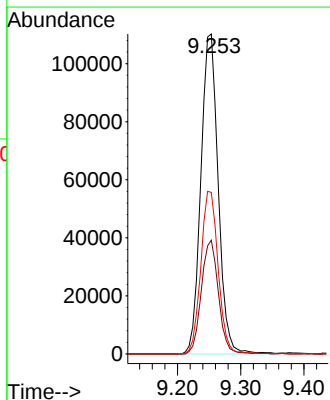
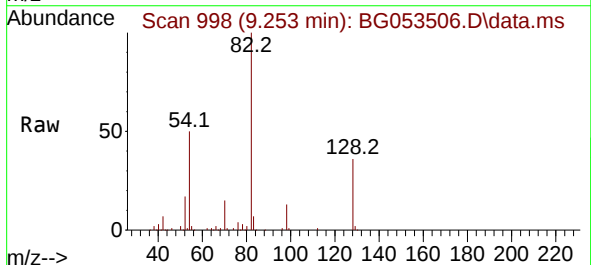
Instrument :
BNA_G
ClientSampleId :
PB144673BL

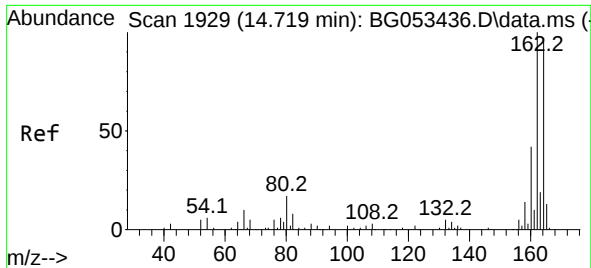
Tgt Ion:	136	Resp:	93504
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	9.3	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 95.674 ng
RT: 9.253 min Scan# 998
Delta R.T. 0.001 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

Tgt Ion:	82	Resp:	210153
Ion Ratio	Lower	Upper	
82	100		
128	35.5	27.9	41.9
54	50.5	41.2	61.8

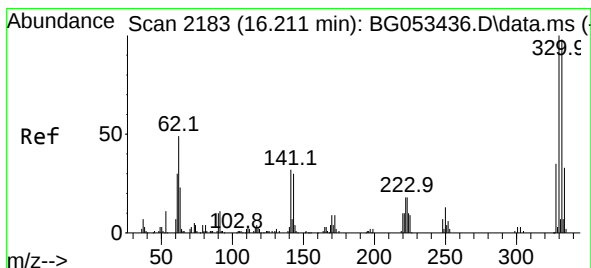
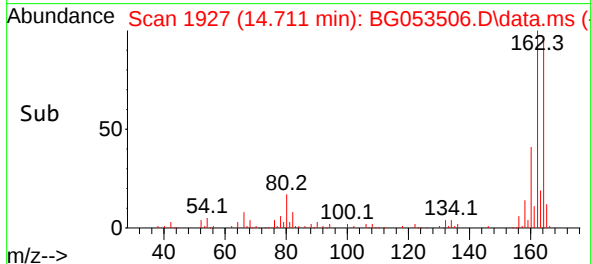
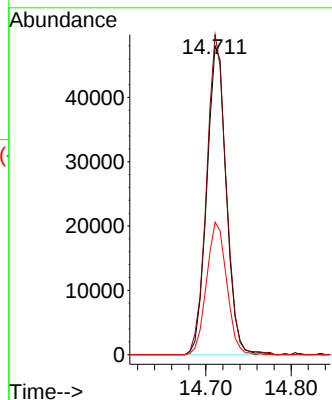
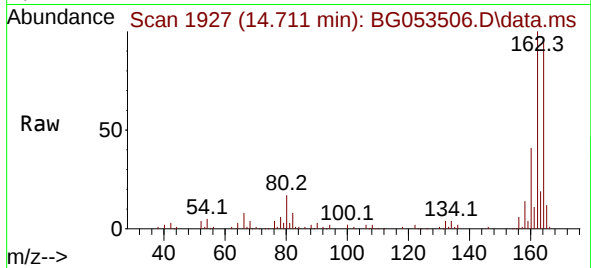




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

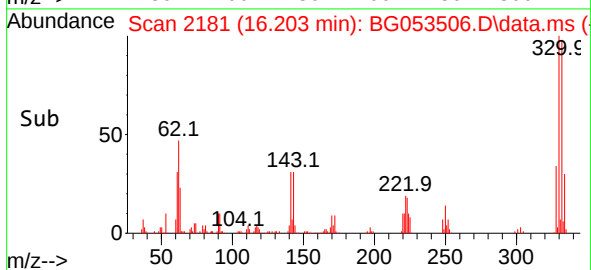
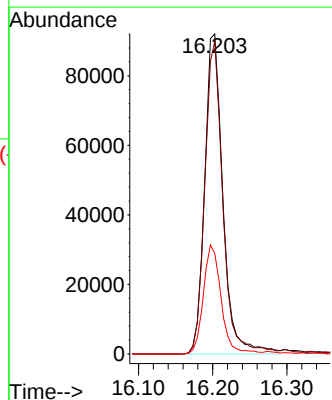
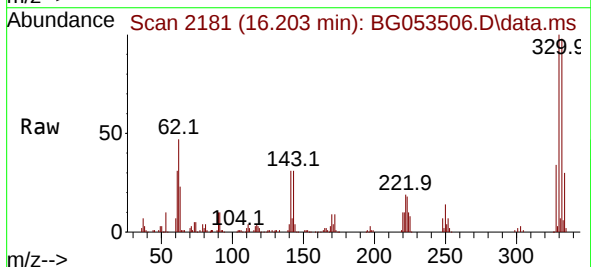
Instrument :
BNA_G
ClientSampleId :
PB144673BL

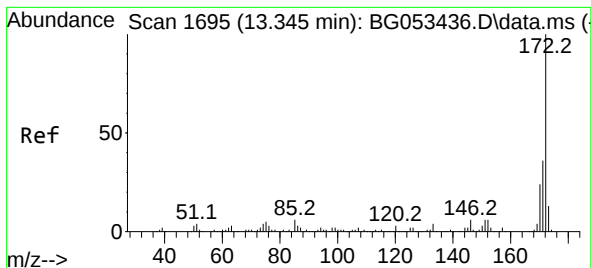
Tgt Ion:164 Resp: 76204
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 42.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 140.474 ng
RT: 16.203 min Scan# 2181
Delta R.T. 0.001 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

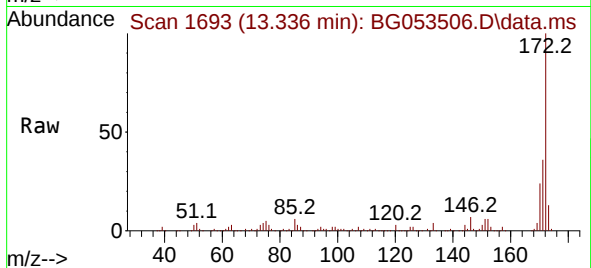
Tgt Ion:330 Resp: 157882
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 33.1 27.1 40.7



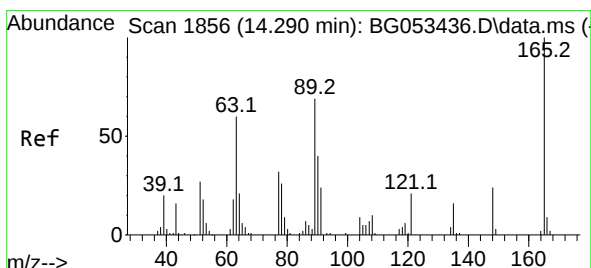
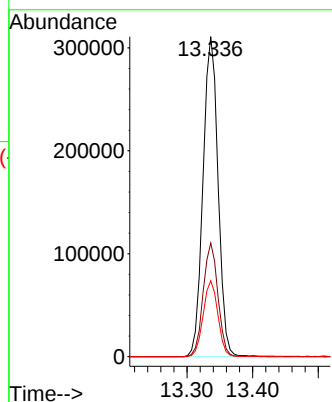
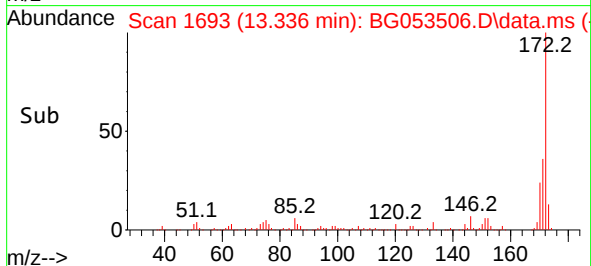


#45
 2-Fluorobiphenyl
 Concen: 95.340 ng
 RT: 13.336 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG053506.D
 Acq: 10 May 2022 12:59

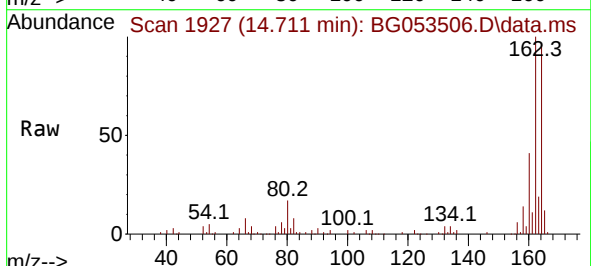
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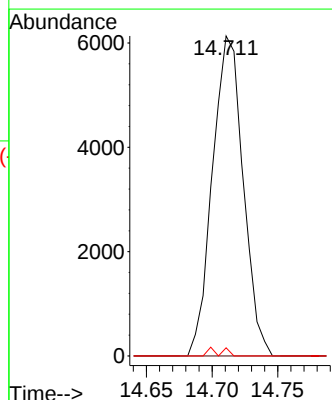
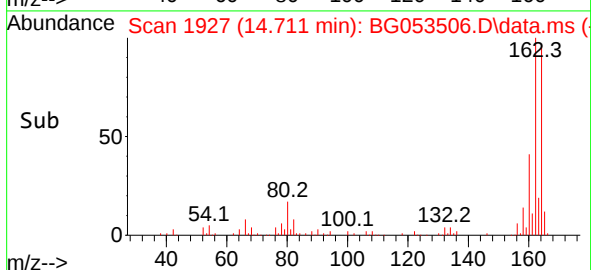
Tgt Ion:172 Resp: 497189
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.8 18.9 28.3

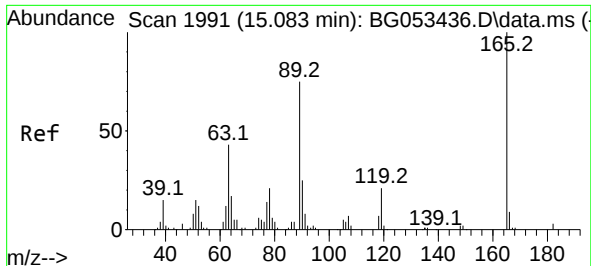


#51
 2,6-Dinitrotoluene
 Concen: 8.460 ng
 RT: 14.711 min Scan# 1927
 Delta R.T. 0.430 min
 Lab File: BG053506.D
 Acq: 10 May 2022 12:59



Tgt Ion:165 Resp: 9981
 Ion Ratio Lower Upper
 165 100
 63 0.0 54.1 81.1#
 89 2.6 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.837 ng

RT: 14.711 min Scan# 1991

Delta R.T. -0.363 min

Lab File: BG053506.D

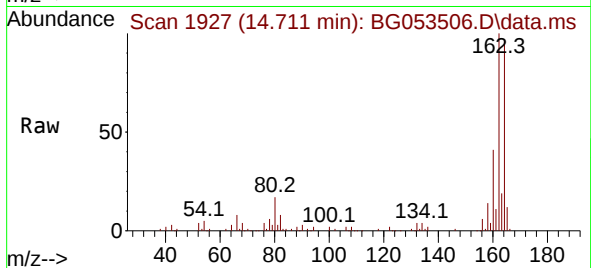
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Instrument :

BNA_G

ClientSampleId :

PB144673BL



Tgt Ion:165 Resp: 9981

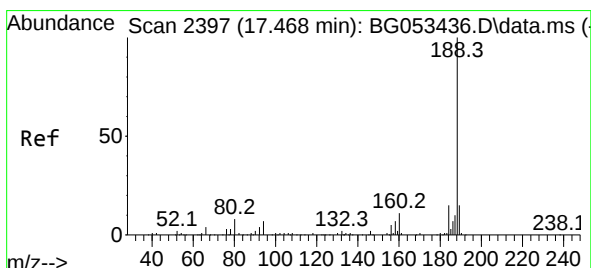
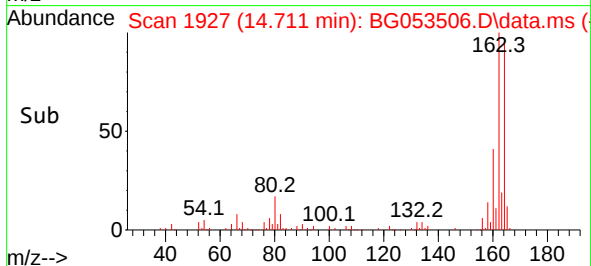
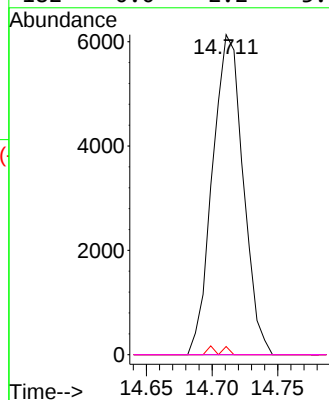
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 2.6 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.005 min

Lab File: BG053506.D

Acq: 10 May 2022 12:59

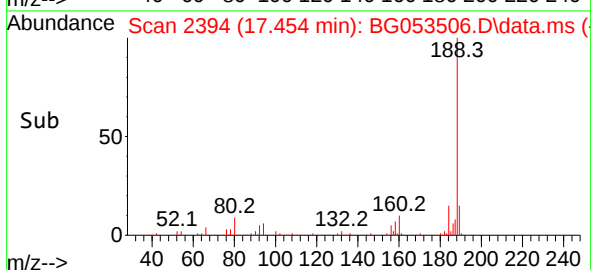
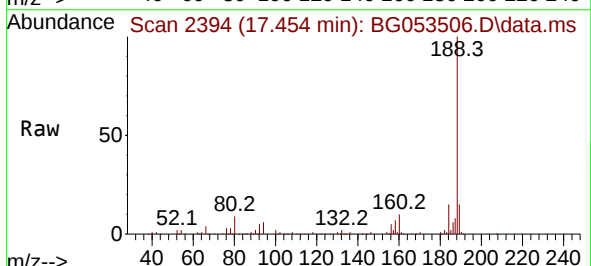
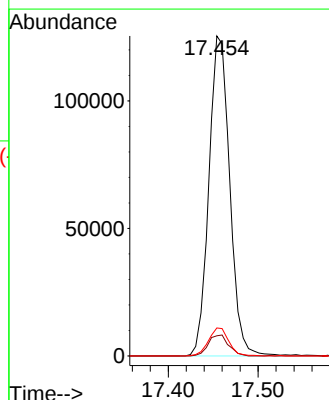
Tgt Ion:188 Resp: 202135

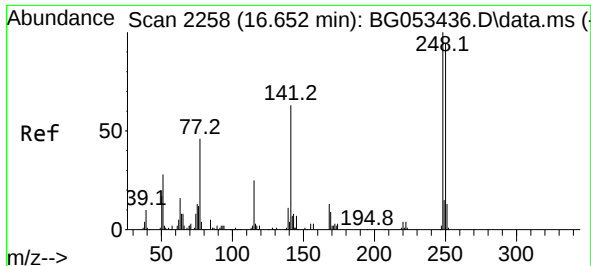
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 8.7 6.8 10.2

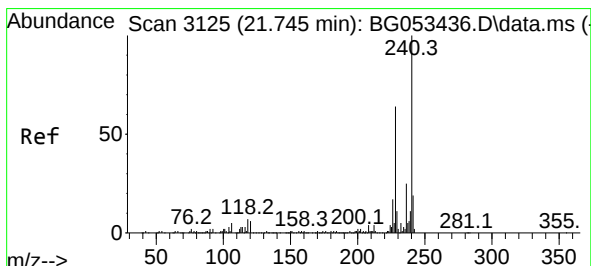
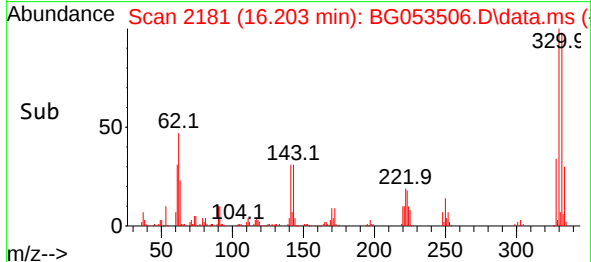
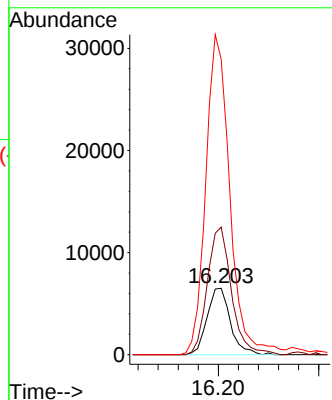
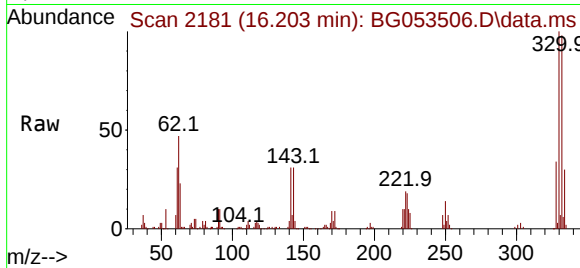




#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 16.203 min Scan# 21181
Delta R.T. -0.440 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

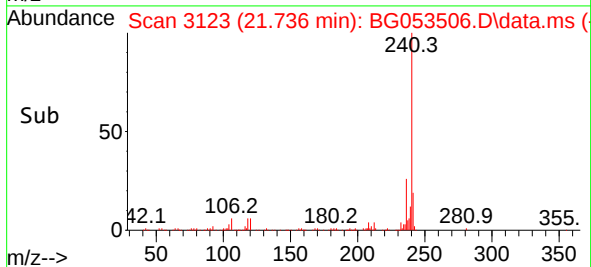
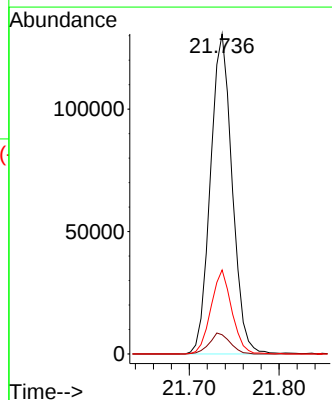
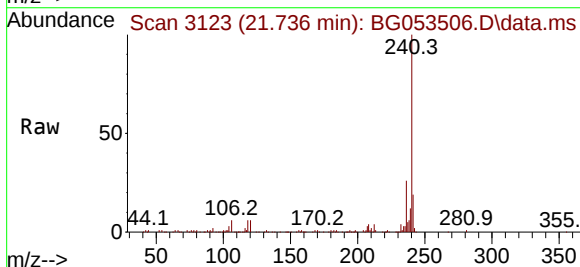
Instrument :
BNA_G
ClientSampleId :
PB144673BL

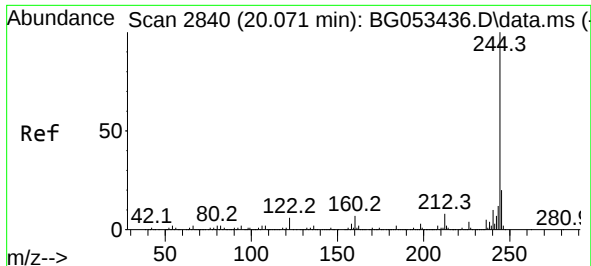
Tgt Ion:248 Resp: 10503
Ion Ratio Lower Upper
248 100
250 192.0 75.2 112.8#
141 445.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BG053506.D
Acq: 10 May 2022 12:59

Tgt Ion:240 Resp: 219389
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 26.2 20.2 30.4

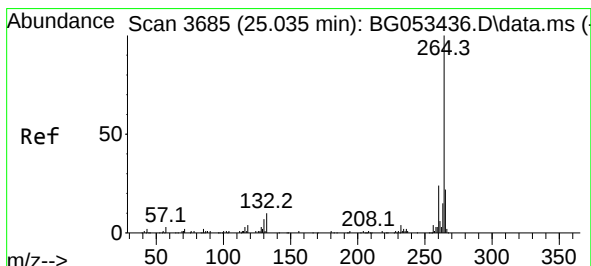
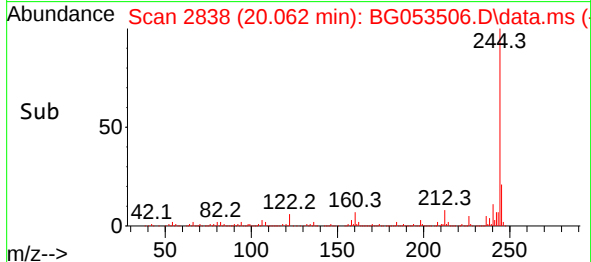
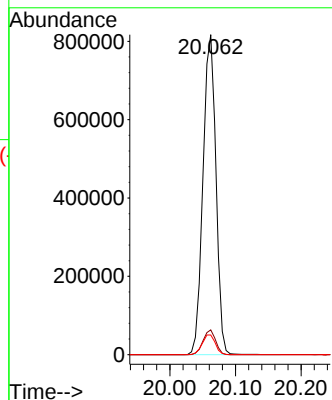
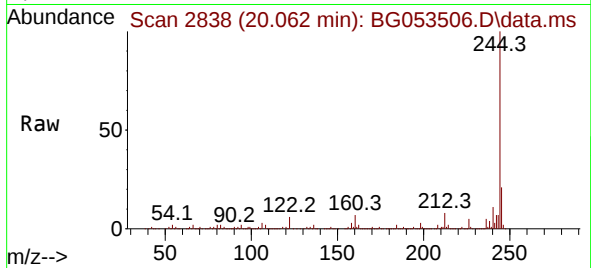




#79
 Terphenyl-d14
 Concen: 95.402 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053506.D
 Acq: 10 May 2022 12:59

Instrument :
 BNA_G
 ClientSampleId :
 PB144673BL

Tgt Ion:244 Resp: 1123786
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.020 min Scan# 3682
 Delta R.T. 0.001 min
 Lab File: BG053506.D
 Acq: 10 May 2022 12:59

Tgt Ion:264 Resp: 214842
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.0 28.6
 265 21.2 17.4 26.2

