

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053030.D
 Acq On : 5 Apr 2022 13:57
 Operator : CG/JU
 Sample : PB143892BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143892BL

Quant Time: Apr 05 16:24:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

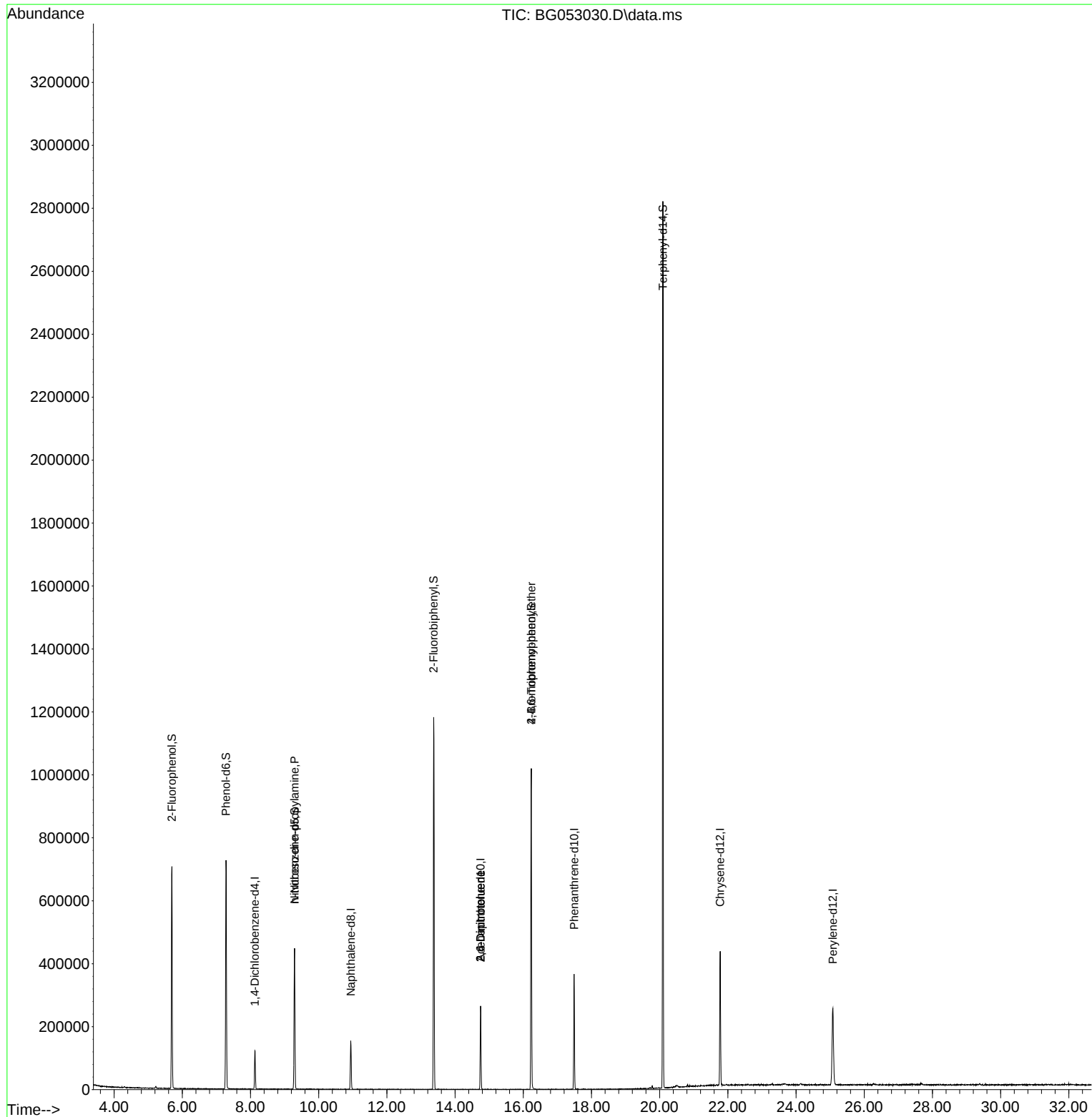
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	33907	20.000	ng	-0.02
21) Naphthalene-d8	10.943	136	126781	20.000	ng	-0.02
39) Acenaphthene-d10	14.749	164	95386	20.000	ng	-0.02
64) Phenanthrene-d10	17.493	188	237454	20.000	ng	-0.01
76) Chrysene-d12	21.775	240	276661	20.000	ng	-0.02
86) Perylene-d12	25.082	264	281693	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	281136	144.395	ng	0.00
7) Phenol-d6	7.283	99	404819	137.915	ng	0.00
23) Nitrobenzene-d5	9.292	82	283843	112.368	ng	-0.01
42) 2,4,6-Tribromophenol	16.235	330	203330	158.637	ng	-0.01
45) 2-Fluorobiphenyl	13.375	172	623392	96.388	ng	-0.02
79) Terphenyl-d14	20.095	244	1389597	89.347	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.283	77	984	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.292	70	40316	19.393	ng	# 76
51) 2,6-Dinitrotoluene	14.749	165	12678	10.592	ng	# 24
57) 2,4-Dinitrotoluene	14.749	165	12678	7.634	ng	# 22
67) 4-Bromophenyl-phenylether	16.235	248	13301	4.646	ng	# 1

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

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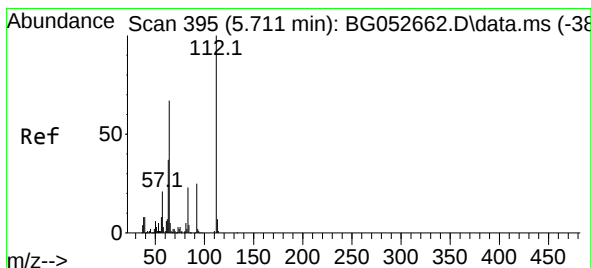
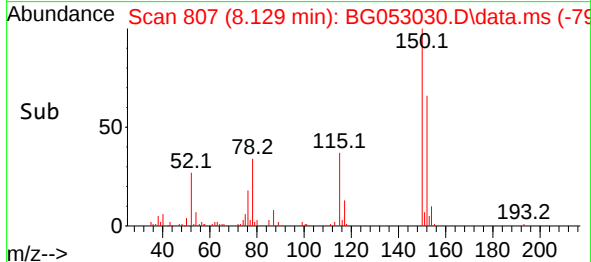
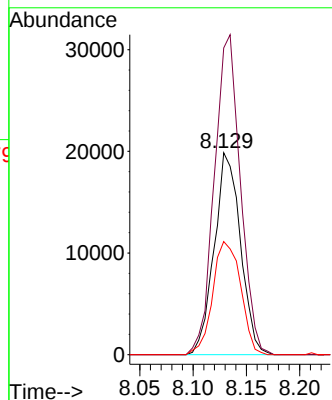
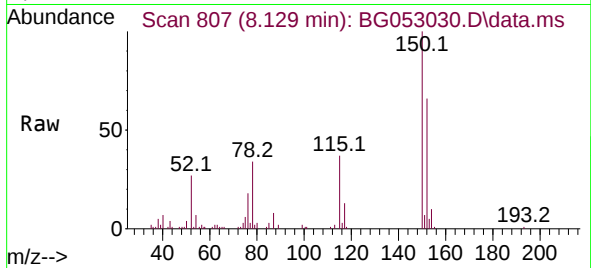




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

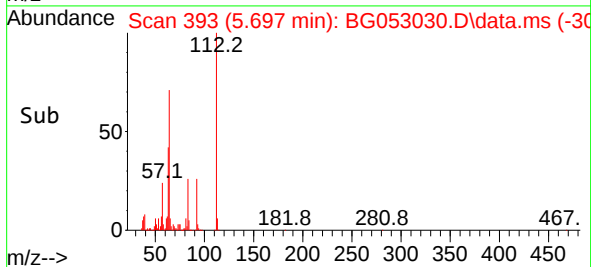
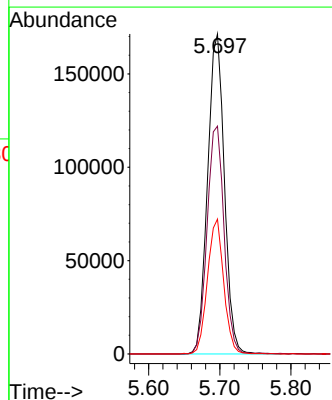
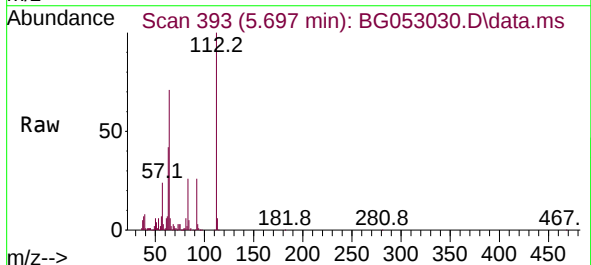
Instrument :
BNA_G
ClientSampleId :
PB143892BL

Tgt Ion:152 Resp: 33907
Ion Ratio Lower Upper
152 100
150 151.9 114.6 172.0
115 56.0 45.9 68.9



#5
2-Fluorophenol
Concen: 144.395 ng
RT: 5.697 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:112 Resp: 281136
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 42.2 26.5 39.7#

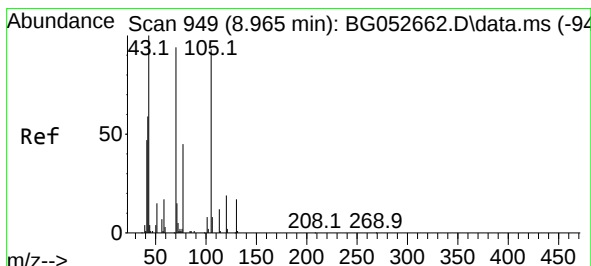
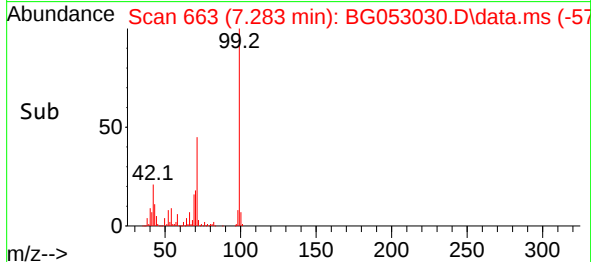
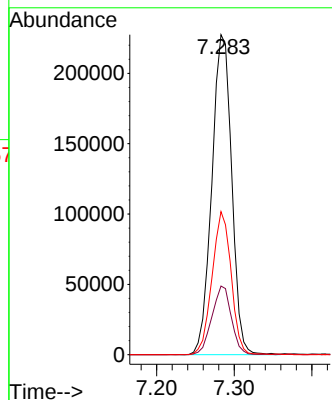
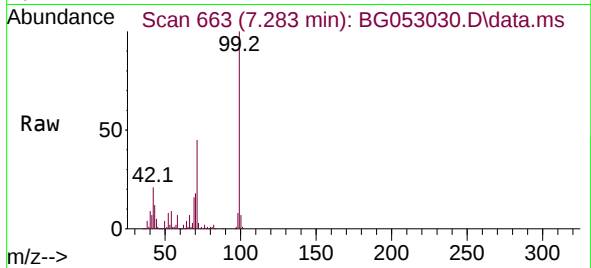




#7
Phenol-d6
Concen: 137.915 ng
RT: 7.283 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

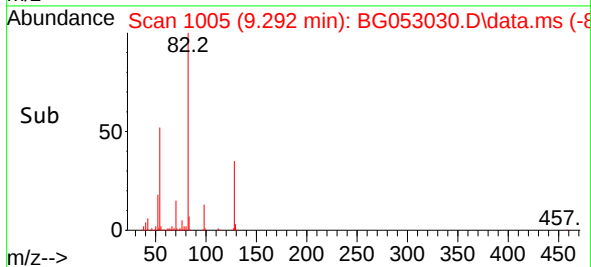
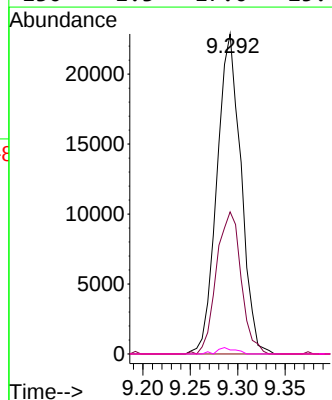
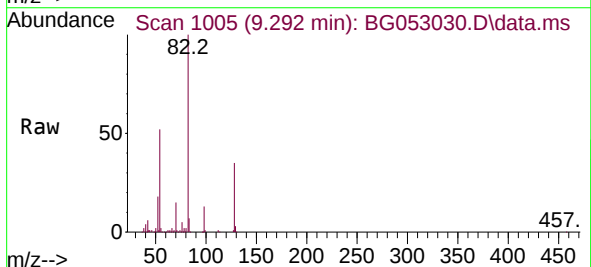
Instrument :
BNA_G
ClientSampleId :
PB143892BL

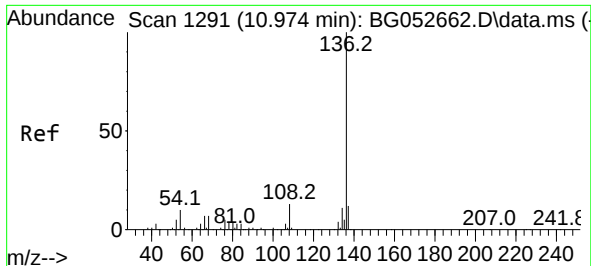
Tgt Ion: 99 Resp: 404819
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 44.7 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.393 ng
RT: 9.292 min Scan# 1005
Delta R.T. 0.347 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion: 70 Resp: 40316
Ion Ratio Lower Upper
70 100
42 44.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#



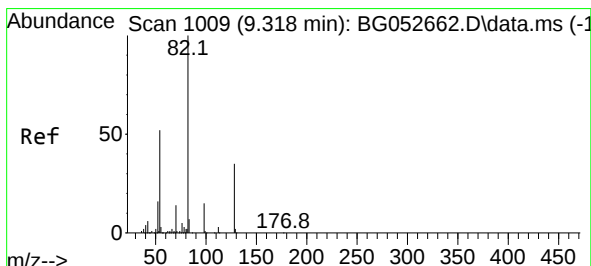
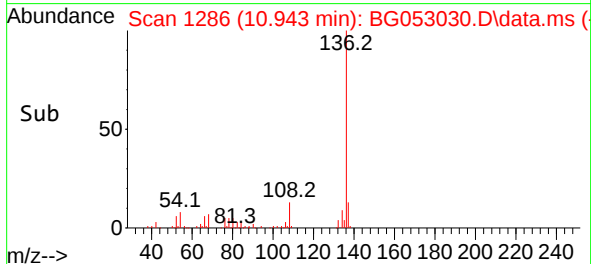
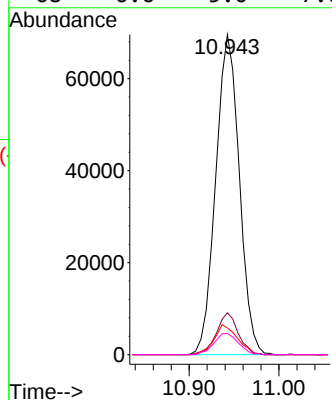
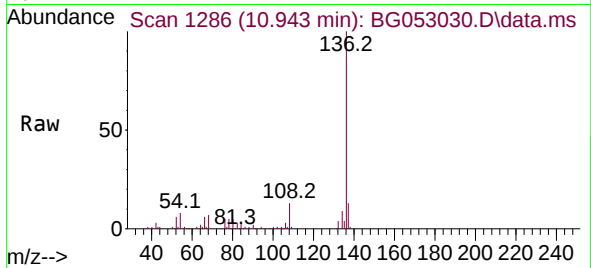


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.943 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Instrument :
BNA_G
ClientSampleId :
PB143892BL

Tgt Ion:136 Resp: 126781

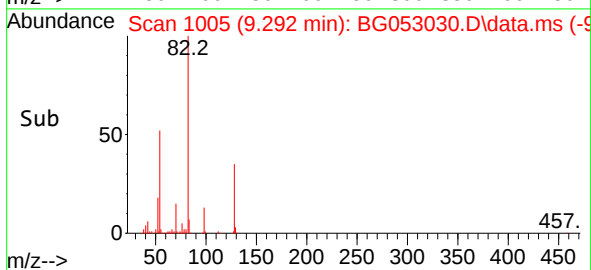
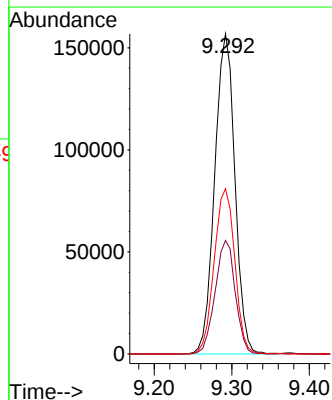
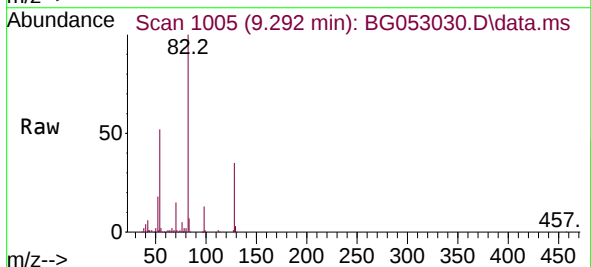
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.4	14.2
54	8.3	6.4	9.6
68	6.6	5.0	7.6

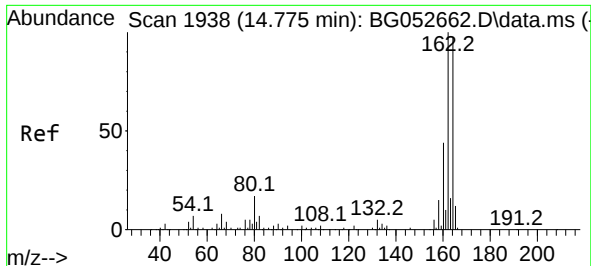


#23
Nitrobenzene-d5
Concen: 112.368 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.011 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion: 82 Resp: 283843

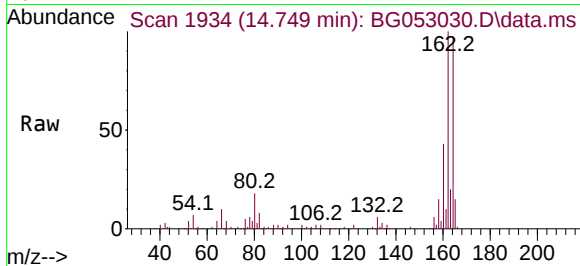
Ion	Ratio	Lower	Upper
82	100		
128	35.5	31.3	46.9
54	51.6	37.8	56.8



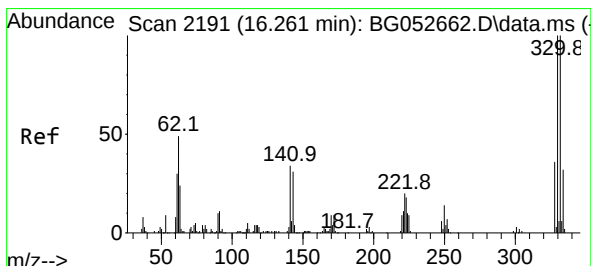
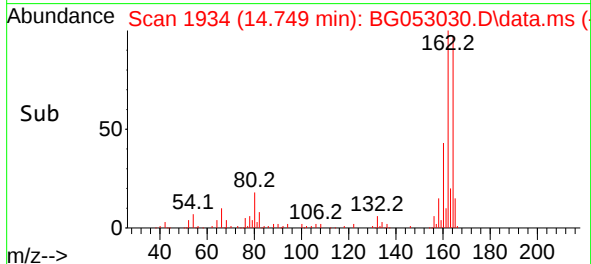
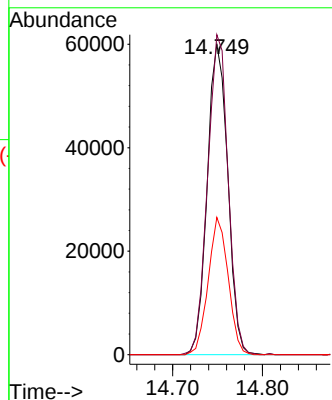


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.749 min Scan# 1934
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Instrument :
BNA_G
ClientSampleId :
PB143892BL

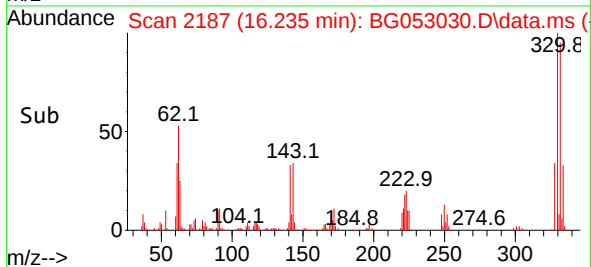
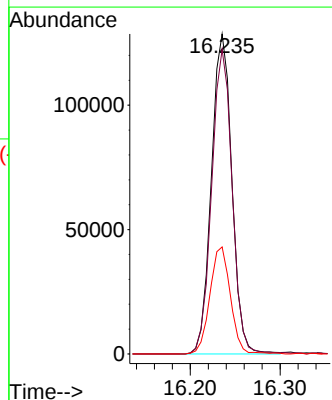
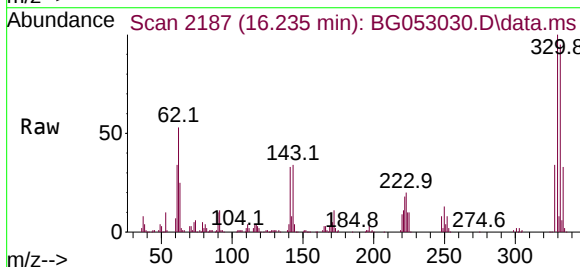


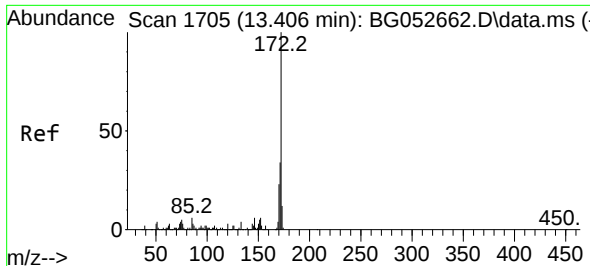
Tgt Ion:164 Resp: 95386
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 44.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 158.637 ng
RT: 16.235 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:330 Resp: 203330
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.6 24.6 36.8

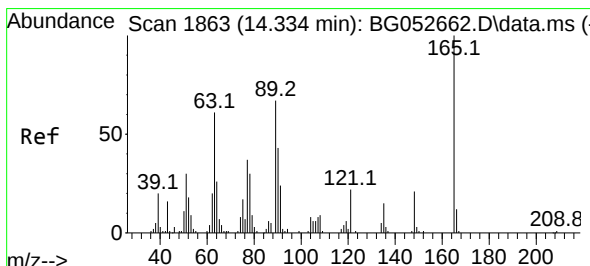
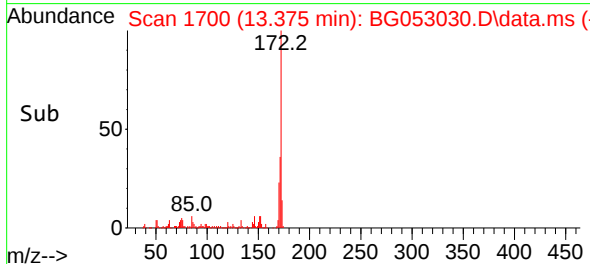
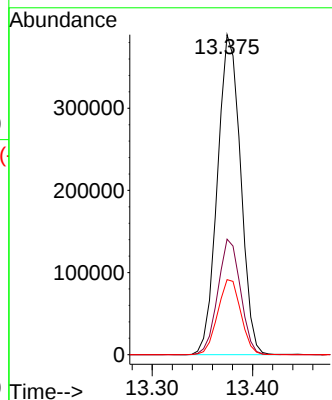
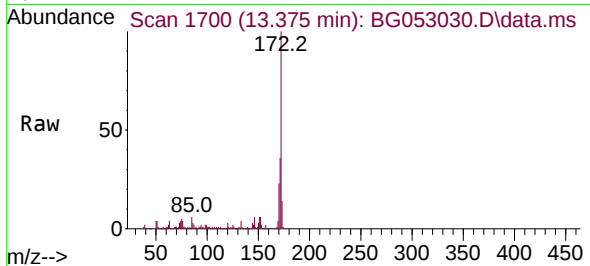




#45
2-Fluorobiphenyl
Concen: 96.388 ng
RT: 13.375 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

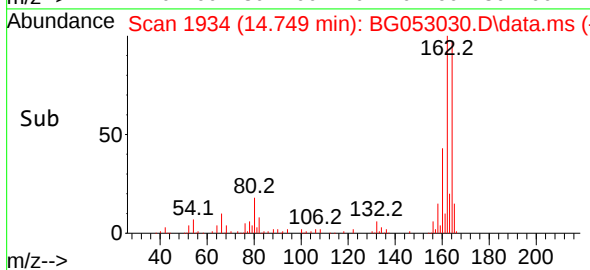
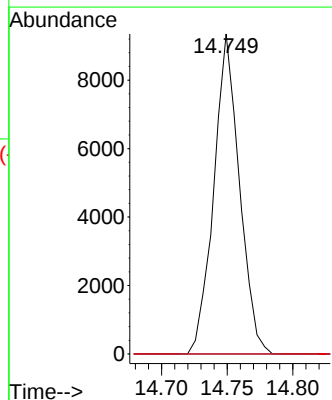
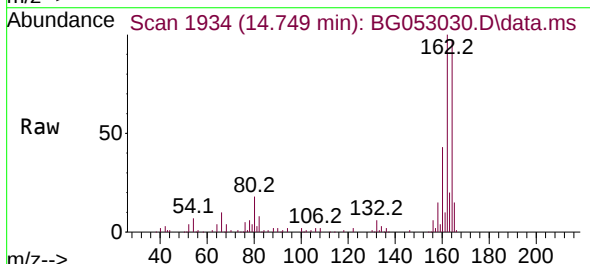
Instrument :
BNA_G
ClientSampleId :
PB143892BL

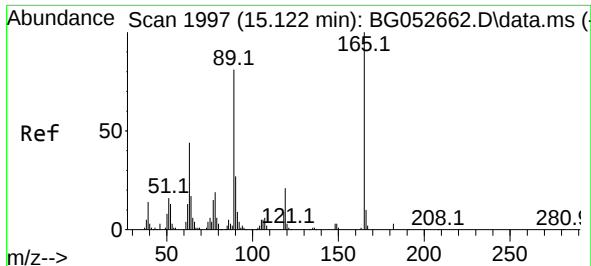
Tgt Ion:172 Resp: 623392
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.592 ng
RT: 14.749 min Scan# 1934
Delta R.T. 0.423 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

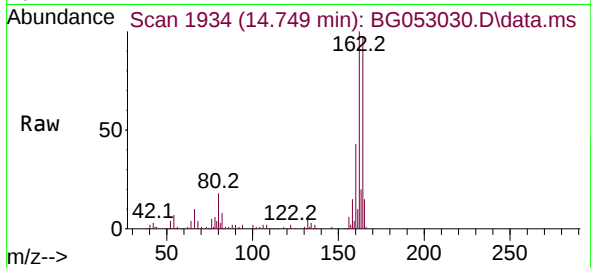
Tgt Ion:165 Resp: 12678
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



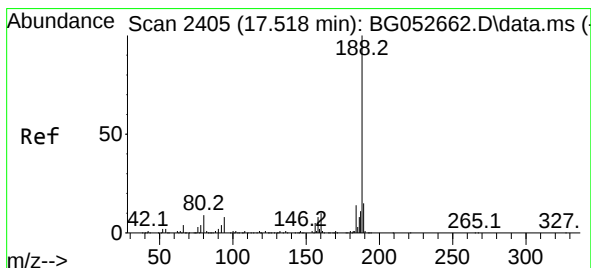
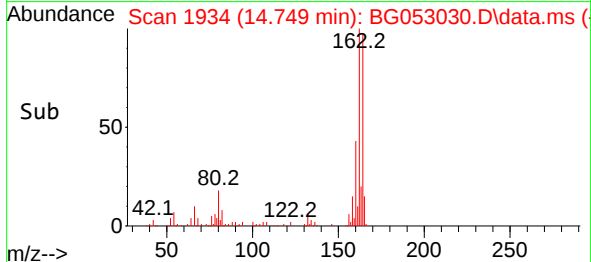
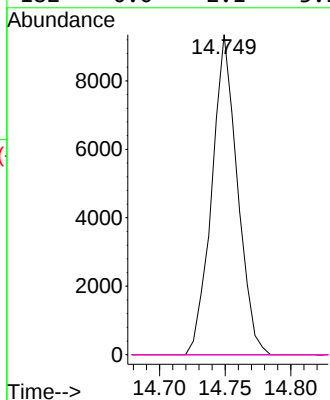


#57
2,4-Dinitrotoluene
Concen: 7.634 ng
RT: 14.749 min Scan# 1997
Delta R.T. -0.364 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Instrument :
BNA_G
ClientSampleId :
PB143892BL

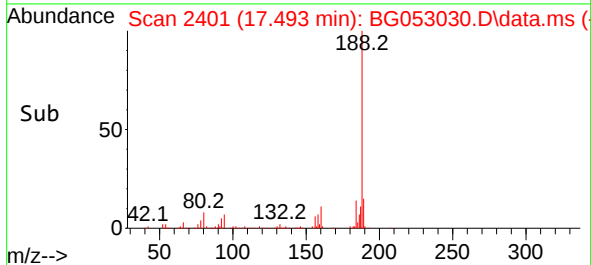
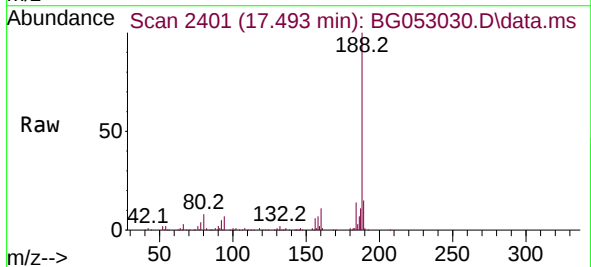
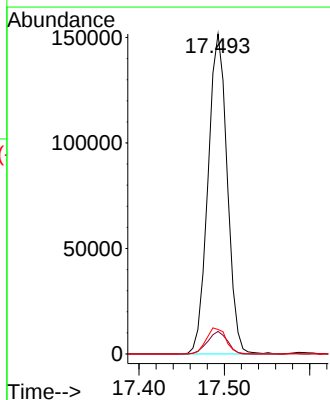


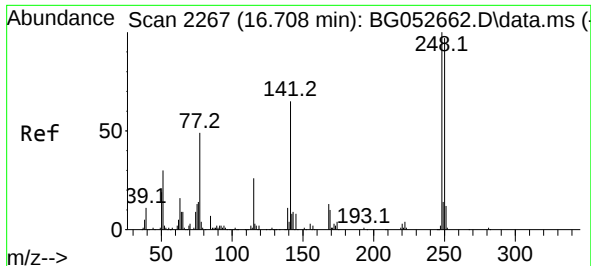
Tgt Ion:165 Resp: 12678
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:188 Resp: 237454
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 7.2 10.8

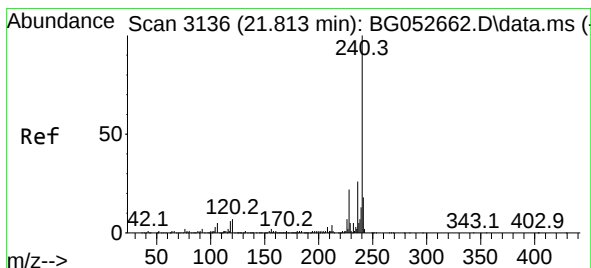
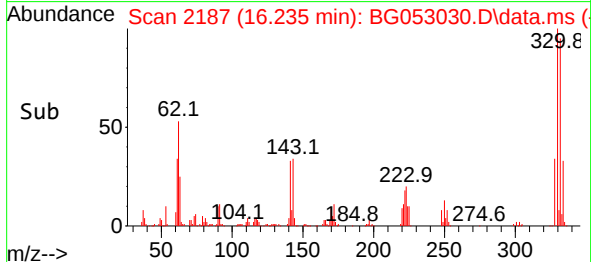
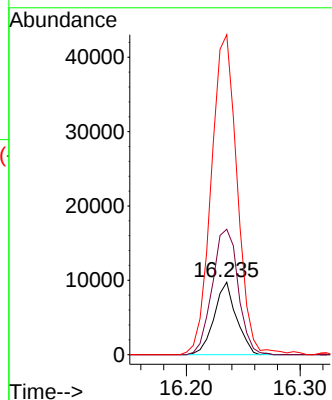
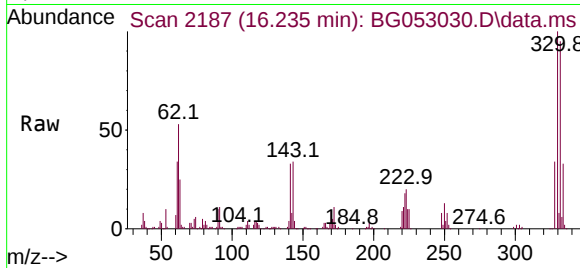




#67
4-Bromophenyl-phenylether
Concen: 4.646 ng
RT: 16.235 min Scan# 2117
Delta R.T. -0.458 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

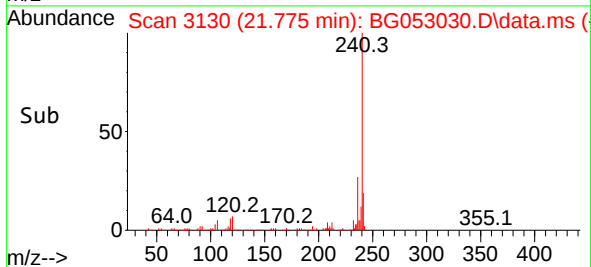
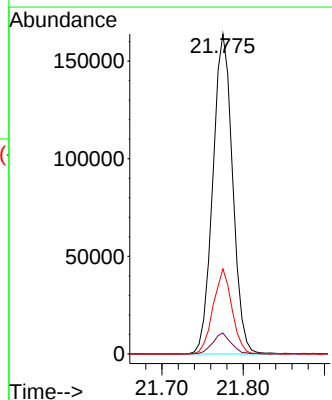
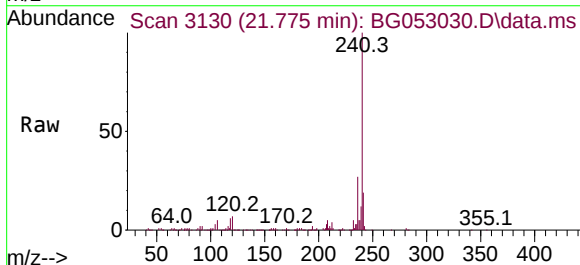
Instrument :
BNA_G
ClientSampleId :
PB143892BL

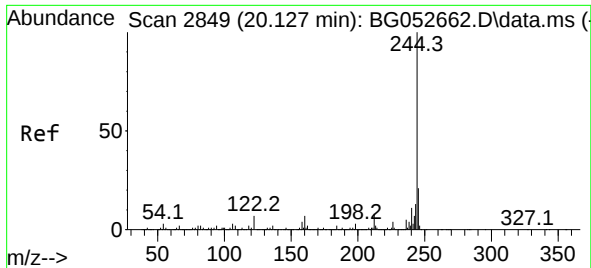
Tgt Ion:248 Resp: 13301
Ion Ratio Lower Upper
248 100
250 173.3 77.9 116.9#
141 441.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. -0.023 min
Lab File: BG053030.D
Acq: 5 Apr 2022 13:57

Tgt Ion:240 Resp: 276661
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.6 19.8 29.6

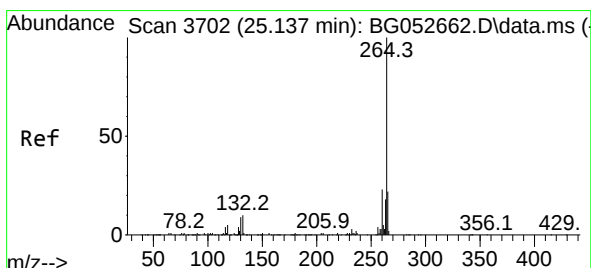
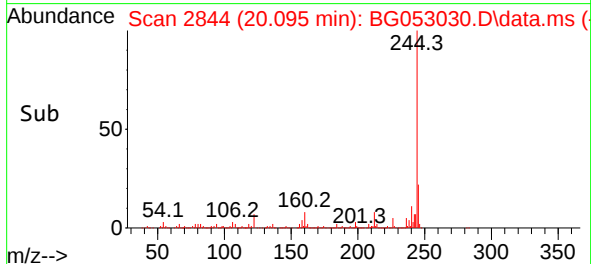
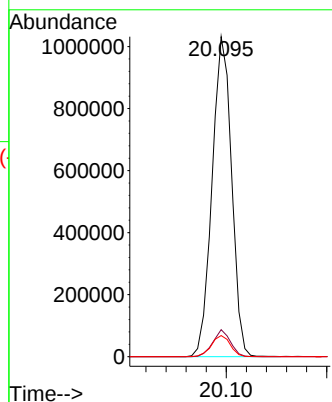
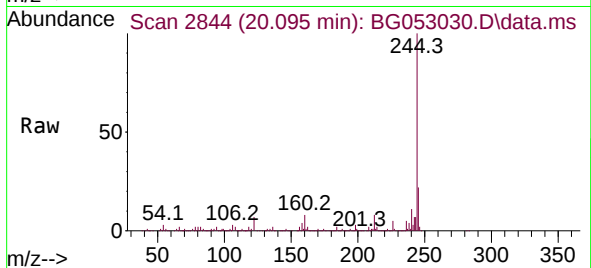




#79
 Terphenyl-d14
 Concen: 89.347 ng
 RT: 20.095 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG053030.D
 Acq: 5 Apr 2022 13:57

Instrument :
 BNA_G
 ClientSampleId :
 PB143892BL

Tgt Ion:244 Resp: 1389597
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.4 8.2#
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.082 min Scan# 3693
 Delta R.T. -0.029 min
 Lab File: BG053030.D
 Acq: 5 Apr 2022 13:57

Tgt Ion:264 Resp: 281693
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 19.7 15.1 22.7

