

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053423.D
 Acq On : 3 May 2022 18:48
 Operator : CG/JU
 Sample : N2619-26
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: May 04 06:07:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

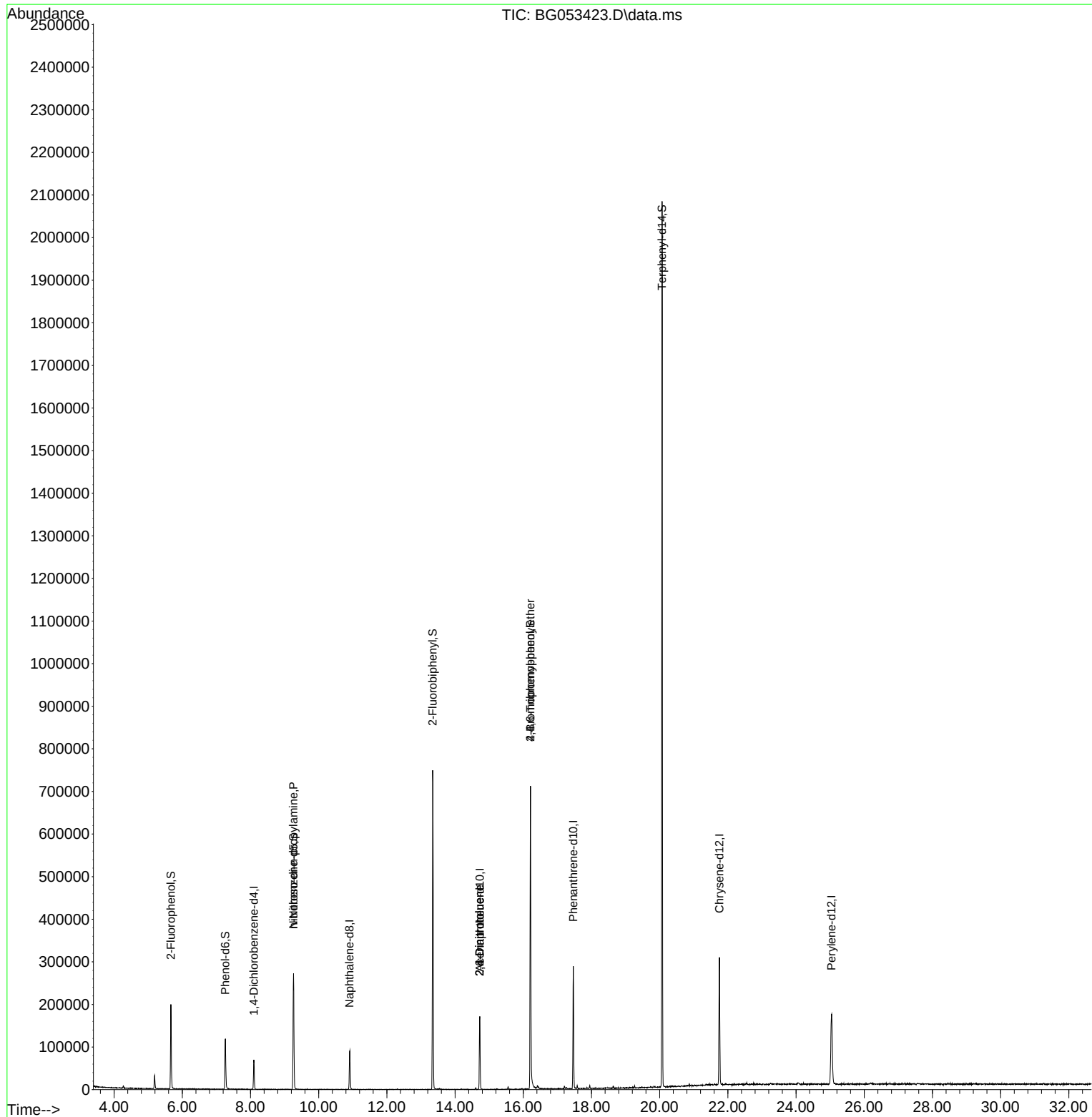
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	19652	20.000	ng	0.00
21) Naphthalene-d8	10.907	136	77317	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	64220	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	180110	20.000	ng	0.00
76) Chrysene-d12	21.751	240	203252	20.000	ng	0.00
86) Perylene-d12	25.041	264	207437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	81522	71.109	ng	0.00
7) Phenol-d6	7.259	99	73874	41.786	ng	0.00
23) Nitrobenzene-d5	9.262	82	173037	90.871	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	147970	144.825	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	409159	87.853	ng	0.00
79) Terphenyl-d14	20.071	244	1012824	84.160	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	25017	19.328	ng	Qvalue
51) 2,6-Dinitrotoluene	14.719	165	8042	7.505	ng	# 77
57) 2,4-Dinitrotoluene	14.719	165	8042	5.271	ng	# 24
67) 4-Bromophenyl-phenylether	16.211	248	9566	4.145	ng	# 22
67) 4-Bromophenyl-phenylether	16.211	248	9566	4.145	ng	# 1

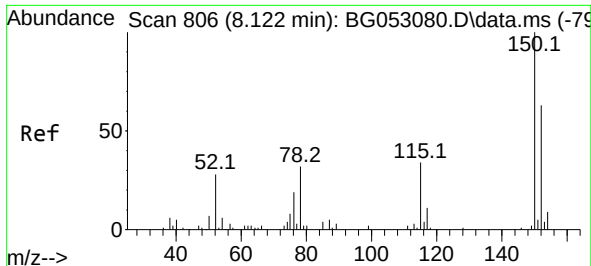
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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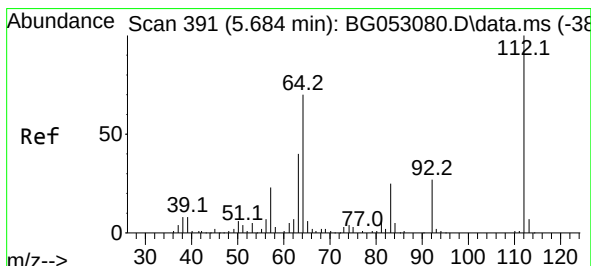
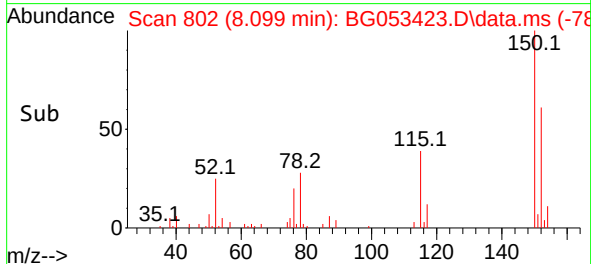
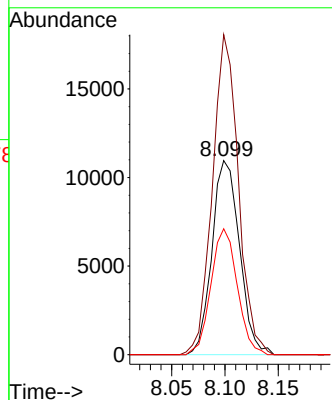
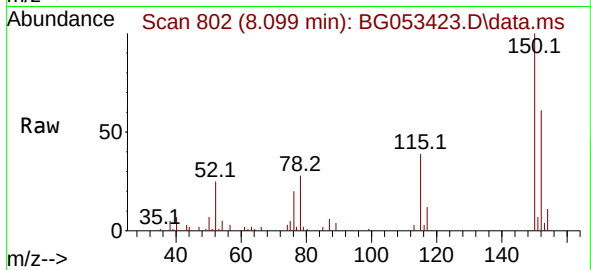




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

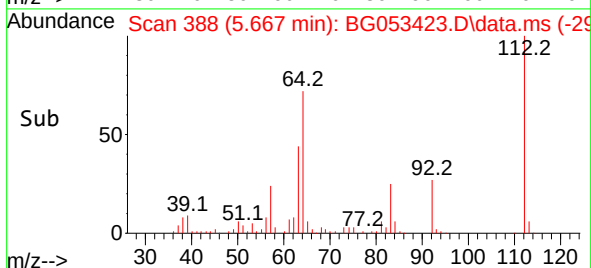
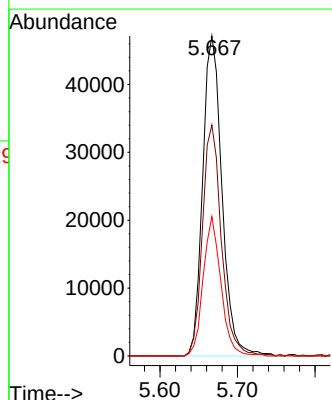
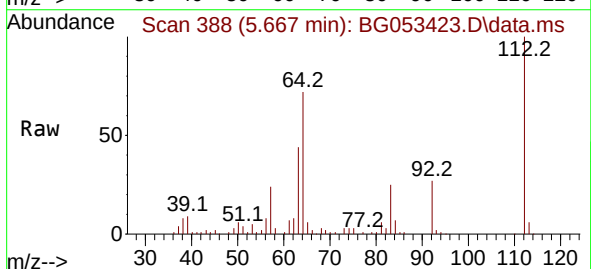
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BNA_G
ClientSampleId :
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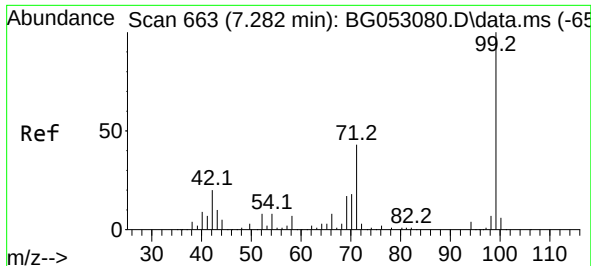
Tgt Ion:152 Resp: 19652
Ion Ratio Lower Upper
152 100
150 164.8 114.6 172.0
115 64.9 45.9 68.9



#5
2-Fluorophenol
Concen: 71.109 ng
RT: 5.667 min Scan# 388
Delta R.T. 0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Tgt Ion:112 Resp: 81522
Ion Ratio Lower Upper
112 100
64 72.2 48.0 72.0#
63 43.6 26.5 39.7#

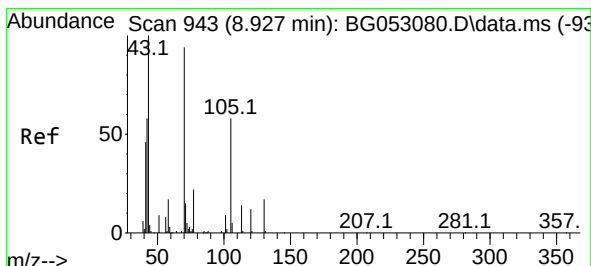
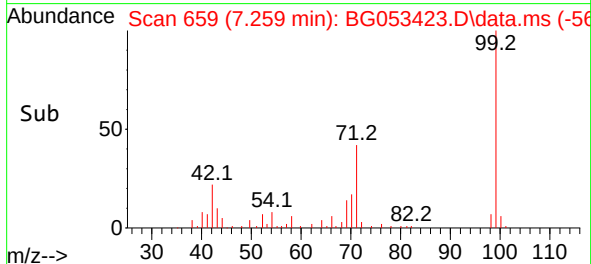
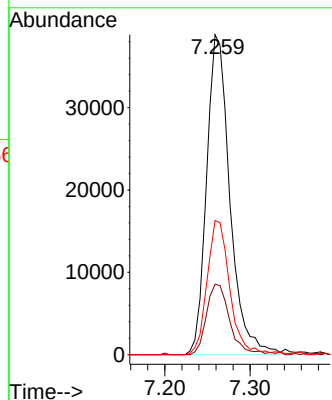
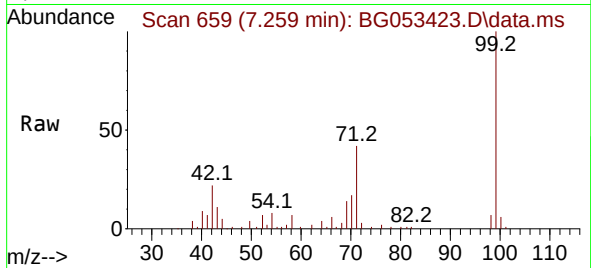




#7
Phenol-d6
Concen: 41.786 ng
RT: 7.259 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

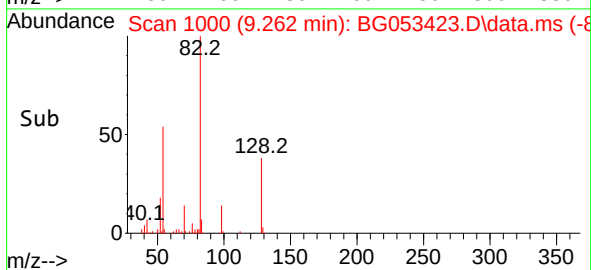
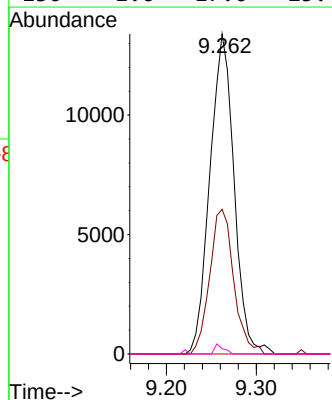
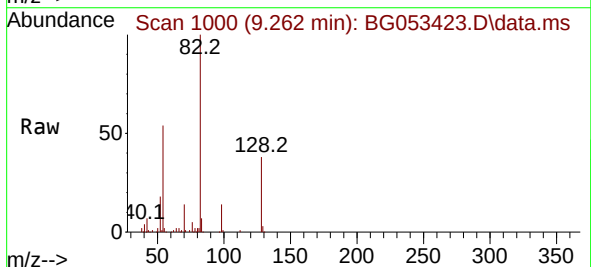
Instrument :
BNA_G
ClientSampleId :
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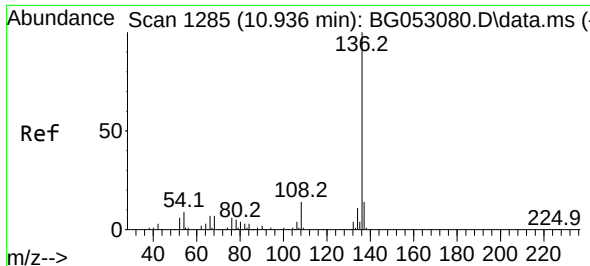
Tgt Ion: 99 Resp: 73874
Ion Ratio Lower Upper
99 100
42 22.0 14.7 22.1
71 41.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.328 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.355 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Tgt Ion: 70 Resp: 25017
Ion Ratio Lower Upper
70 100
42 45.2 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



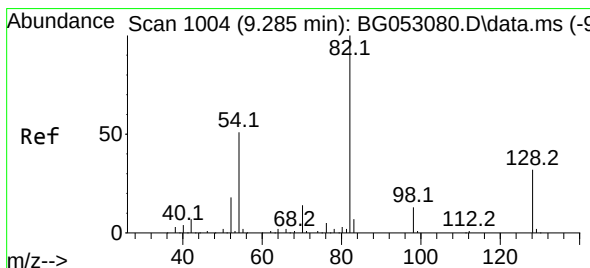
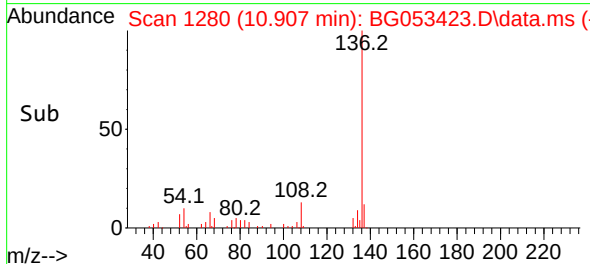
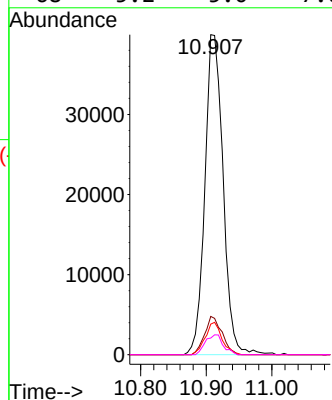
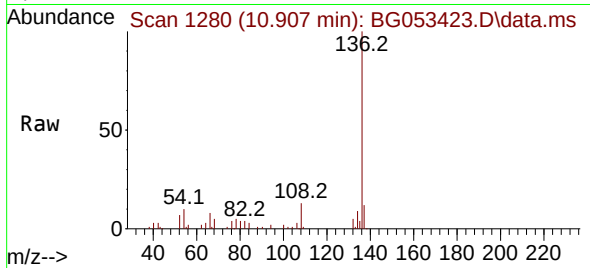


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.907 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:136 Resp: 77317

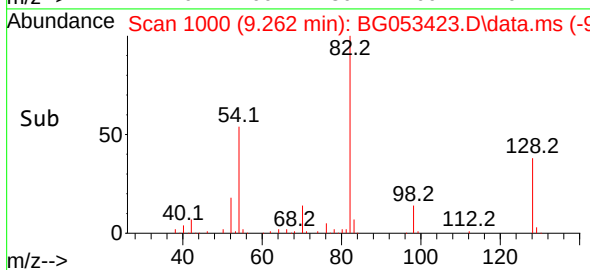
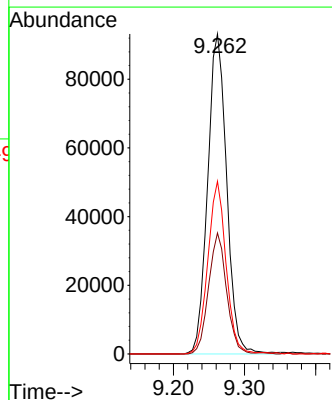
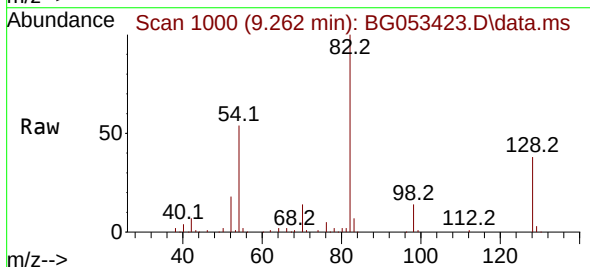
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.2
54	9.6	6.4	9.6
68	5.2	5.0	7.6

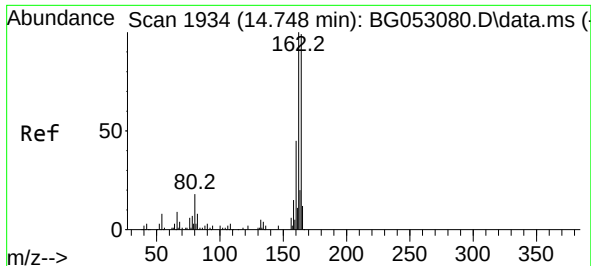


#23
Nitrobenzene-d5
Concen: 90.871 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Tgt Ion: 82 Resp: 173037

Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.3	46.9
54	53.9	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.725 min Scan# 1930

Delta R.T. -0.003 min

Lab File: BG053423.D

Acq: 3 May 2022 18:48

Instrument :

BNA_G

ClientSampleId :

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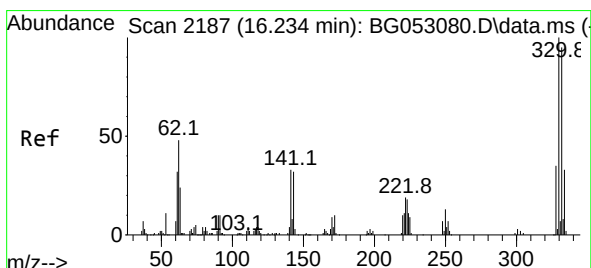
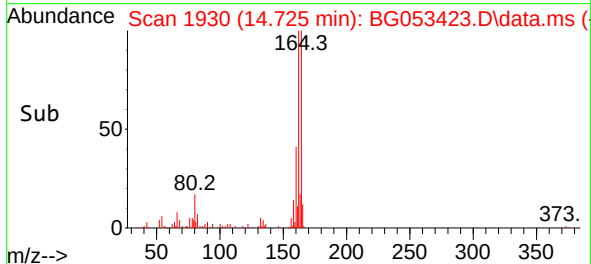
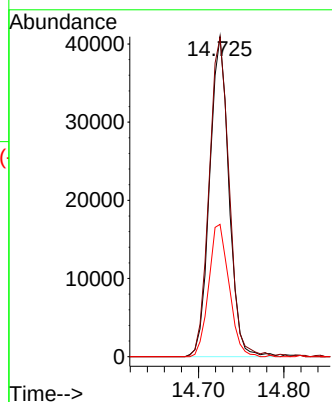
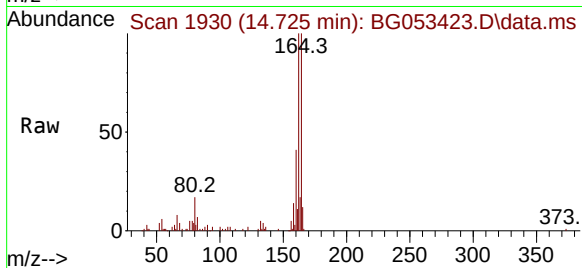
Tgt Ion:164 Resp: 64220

Ion Ratio Lower Upper

164 100

162 99.8 80.0 120.0

160 41.3 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 144.825 ng

RT: 16.211 min Scan# 2183

Delta R.T. -0.003 min

Lab File: BG053423.D

Acq: 3 May 2022 18:48

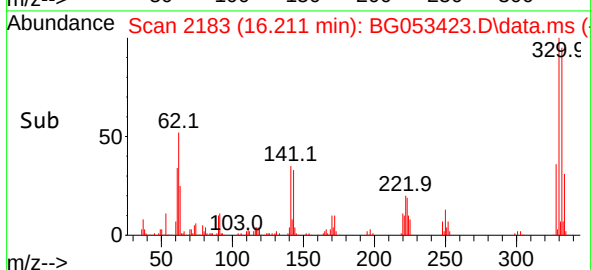
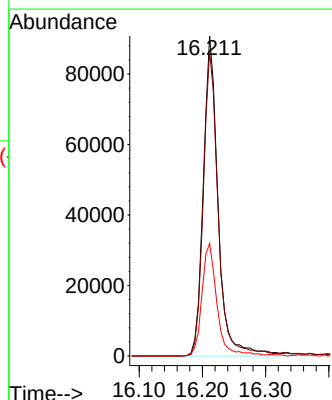
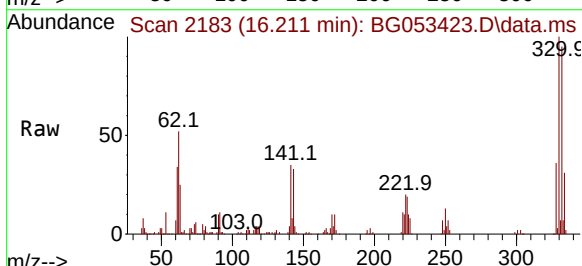
Tgt Ion:330 Resp: 147970

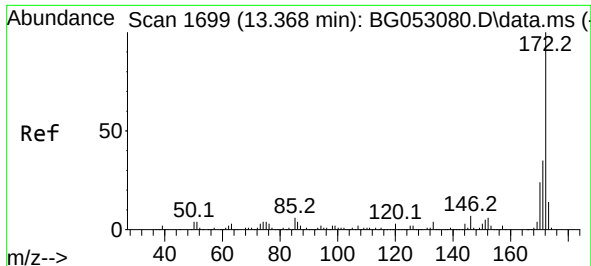
Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

141 35.7 24.6 36.8

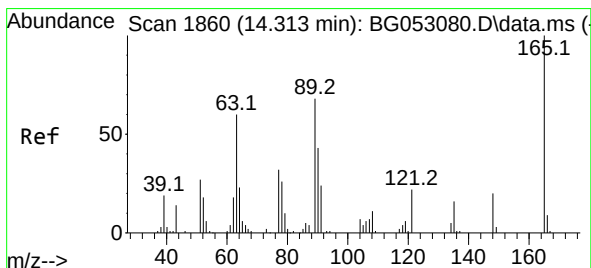
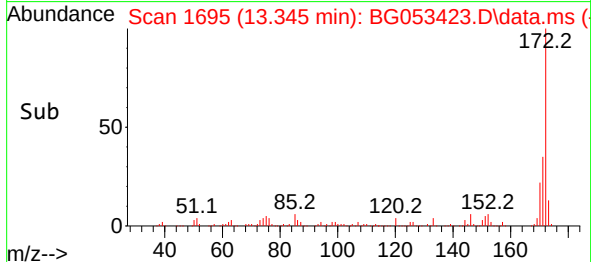
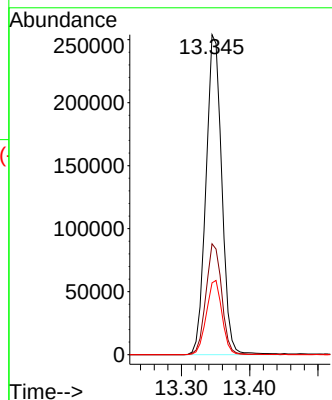
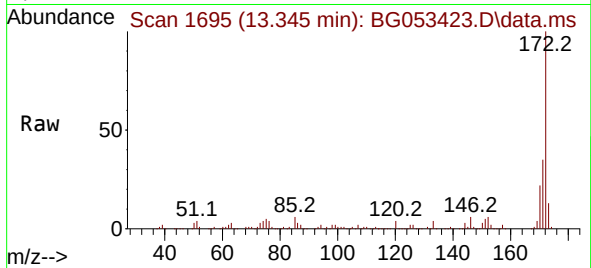




#45
2-Fluorobiphenyl
Concen: 87.853 ng
RT: 13.345 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

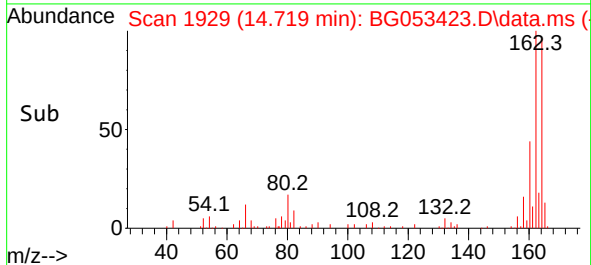
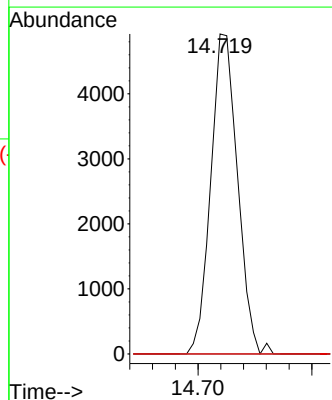
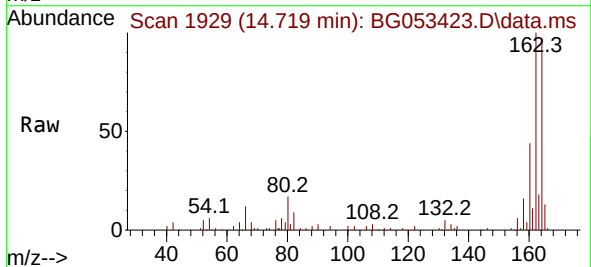
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ClientSampleId :
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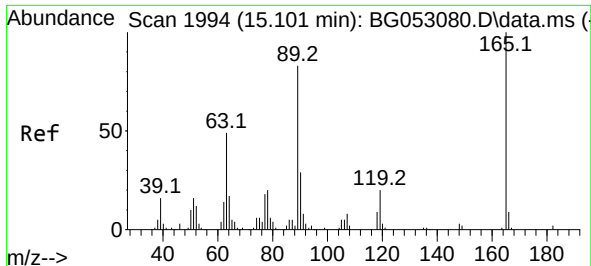
Tgt Ion:172 Resp: 409159
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.505 ng
RT: 14.719 min Scan# 1929
Delta R.T. 0.426 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Tgt Ion:165 Resp: 8042
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

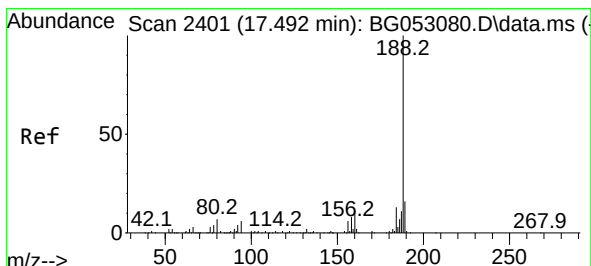
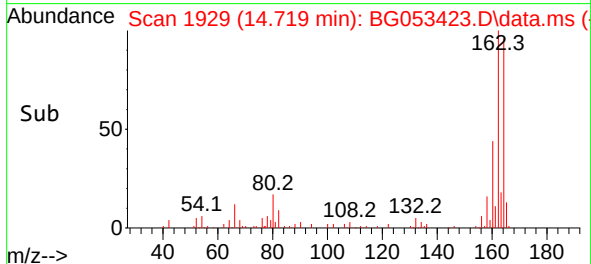
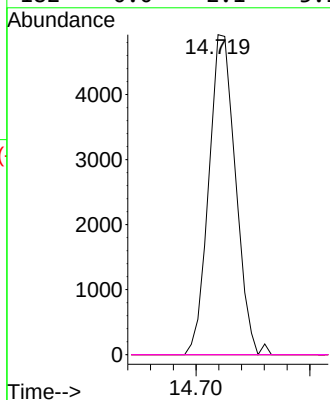
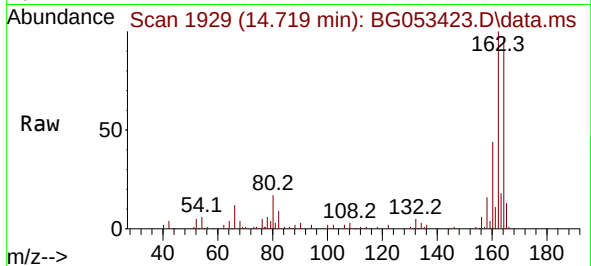




#57
2,4-Dinitrotoluene
Concen: 5.271 ng
RT: 14.719 min Scan# 1929
Delta R.T. -0.367 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

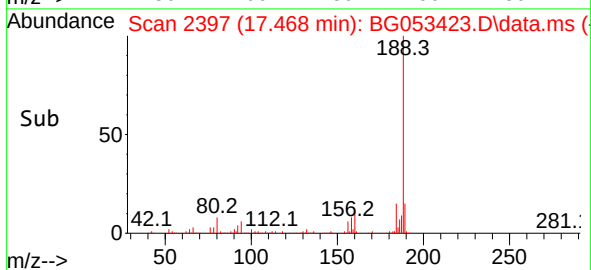
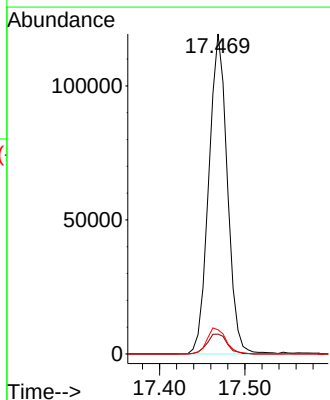
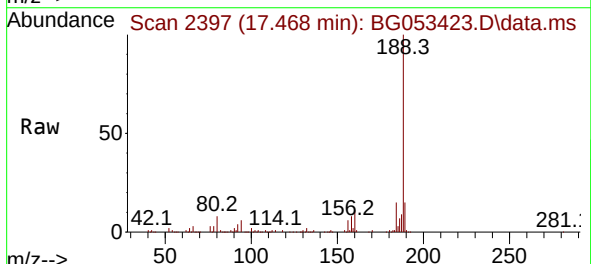
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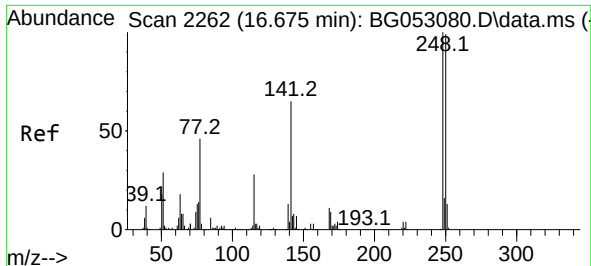
Tgt Ion:165 Resp: 8042
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Tgt Ion:188 Resp: 180110
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 7.5 7.2 10.8

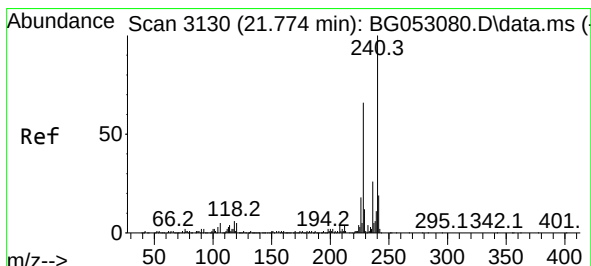
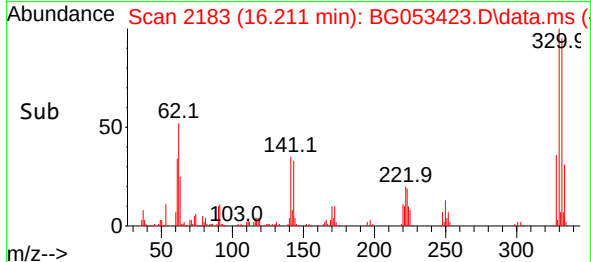
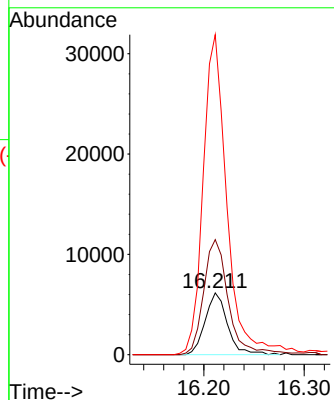
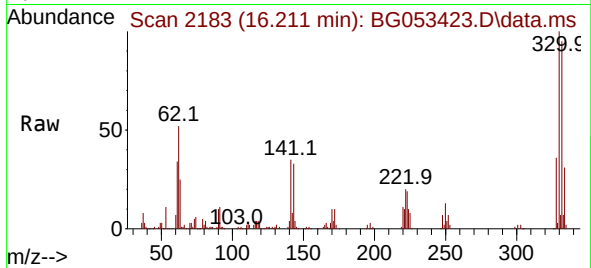




#67
4-Bromophenyl-phenylether
Concen: 4.145 ng
RT: 16.211 min Scan# 2183
Delta R.T. -0.444 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

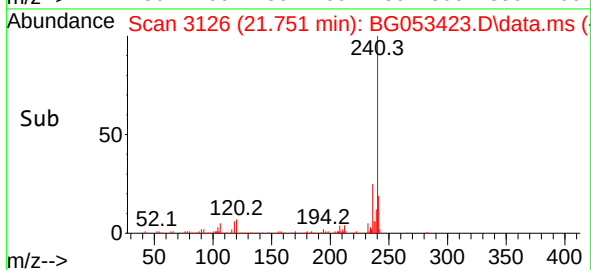
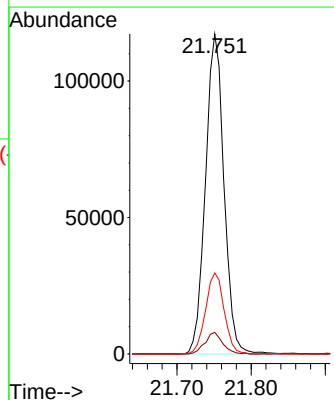
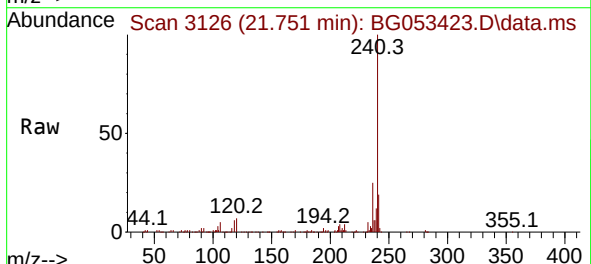
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ClientSampleId :
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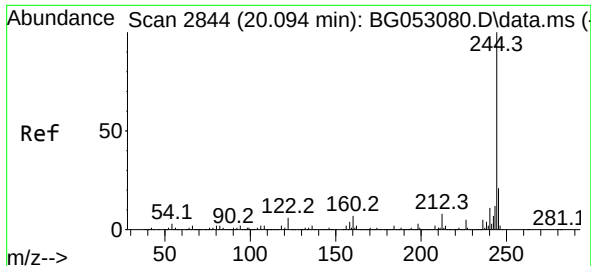
Tgt Ion:248 Resp: 9566
Ion Ratio Lower Upper
248 100
250 186.0 77.9 116.9#
141 517.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG053423.D
Acq: 3 May 2022 18:48

Tgt Ion:240 Resp: 203252
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 25.3 19.8 29.6

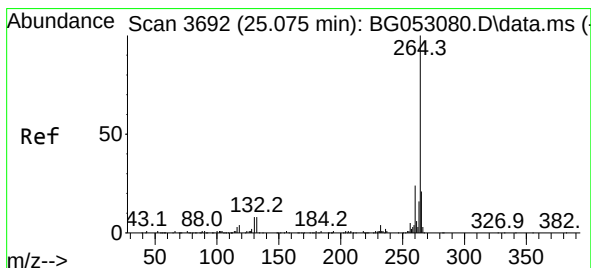
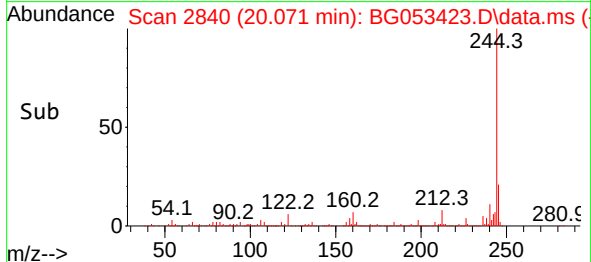
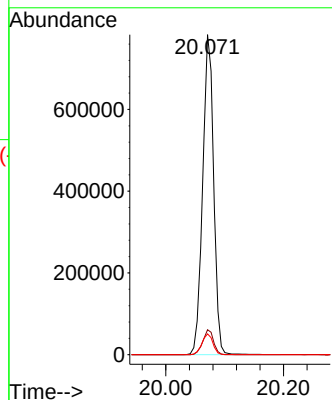
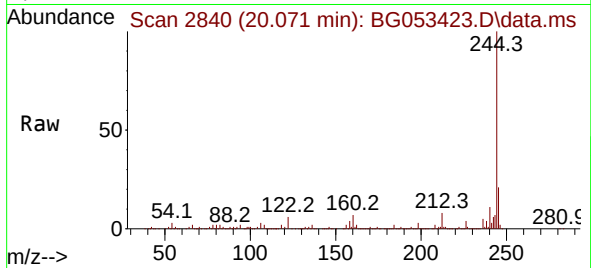




#79
 Terphenyl-d14
 Concen: 84.160 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053423.D
 Acq: 3 May 2022 18:48

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 1012824
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.041 min Scan# 3686
 Delta R.T. -0.003 min
 Lab File: BG053423.D
 Acq: 3 May 2022 18:48

Tgt Ion:264 Resp: 207437
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 21.0 15.1 22.7

