

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053670.D
 Acq On : 23 May 2022 18:49
 Operator : CG/JU
 Sample : N2968-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Quant Time: May 24 05:10:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

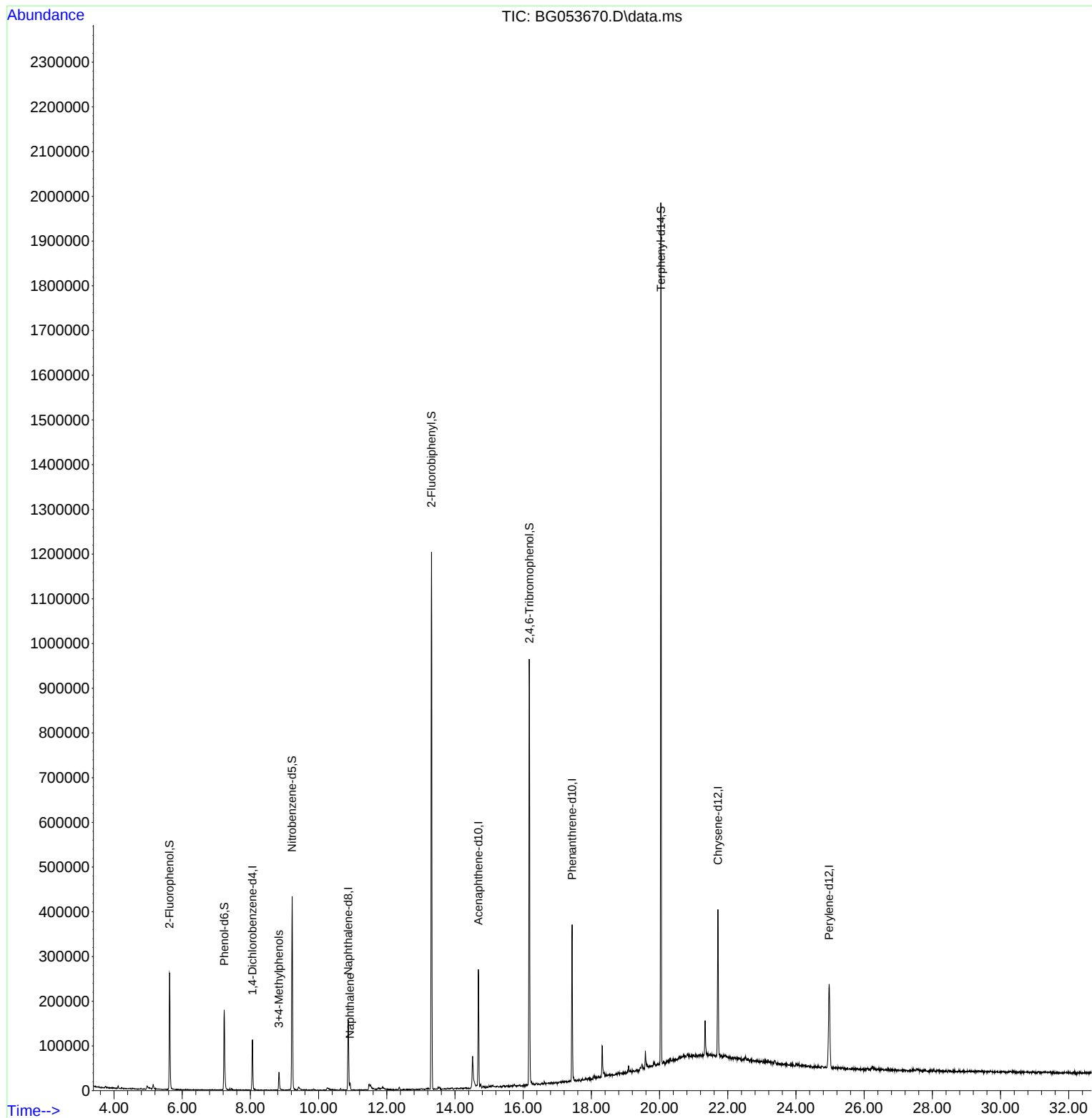
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	30937	20.000	ng	0.00
21) Naphthalene-d8	10.867	136	127670	20.000	ng	0.00
39) Acenaphthene-d10	14.685	164	93552	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	214401	20.000	ng	0.00
76) Chrysene-d12	21.711	240	205750	20.000	ng	0.00
86) Perylene-d12	24.971	264	206272	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	109762	60.213	ng	0.00
7) Phenol-d6	7.231	99	106482	38.489	ng	0.00
23) Nitrobenzene-d5	9.222	82	275192	91.756	ng	0.00
42) 2,4,6-Tribromophenol	16.183	330	200252	145.133	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	624923	97.613	ng	0.00
79) Terphenyl-d14	20.037	244	952079	86.183	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.834	107	21326	8.257	ng	84
31) Naphthalene	10.920	128	13695	2.109	ng	97

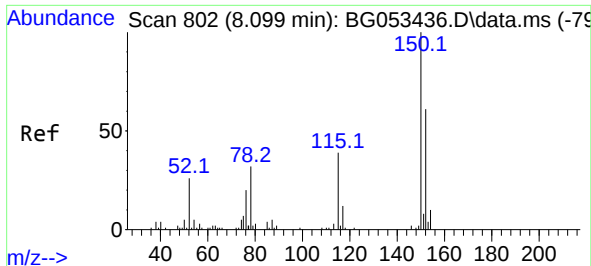
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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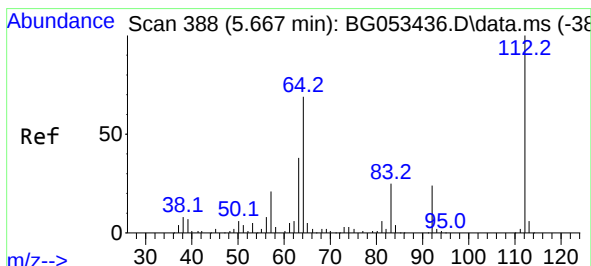
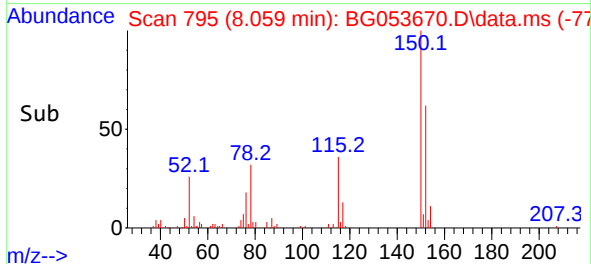
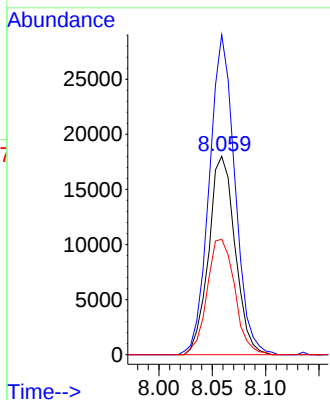
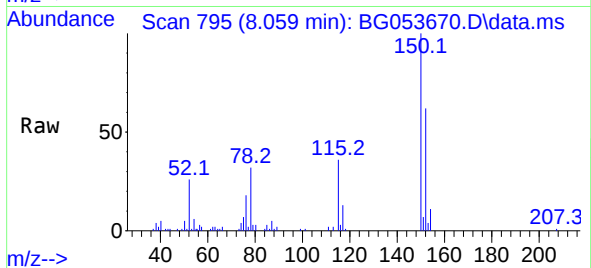




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

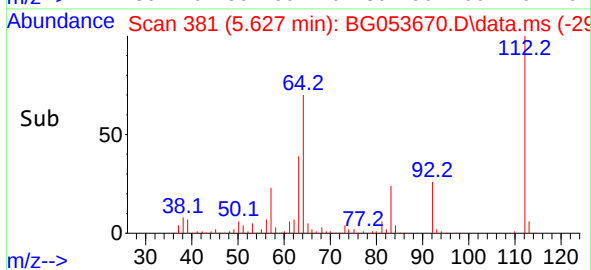
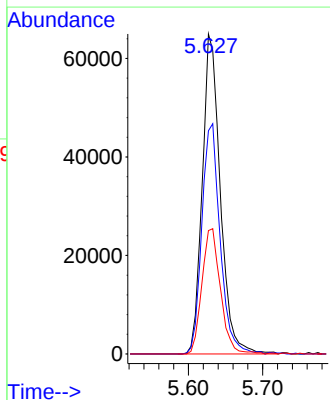
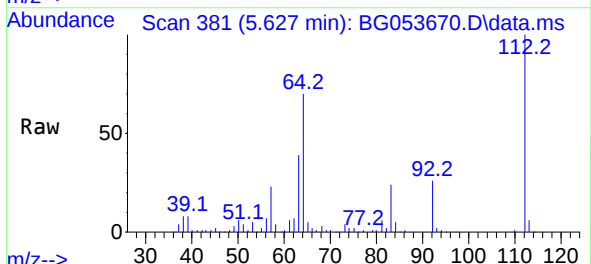
Instrument :
BNA_G
ClientSampleId :
MW-44

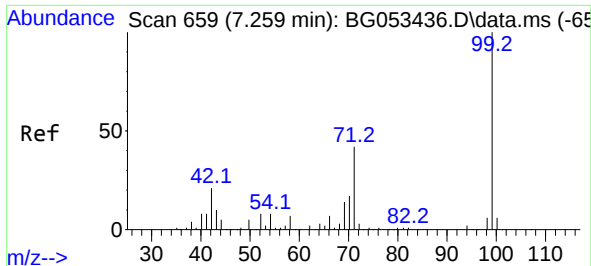
Tgt Ion:152 Resp: 30937
Ion Ratio Lower Upper
152 100
150 161.3 131.6 197.4
115 58.2 50.9 76.3



#5
2-Fluorophenol
Concen: 60.213 ng
RT: 5.627 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:112 Resp: 109762
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 38.6 30.4 45.6

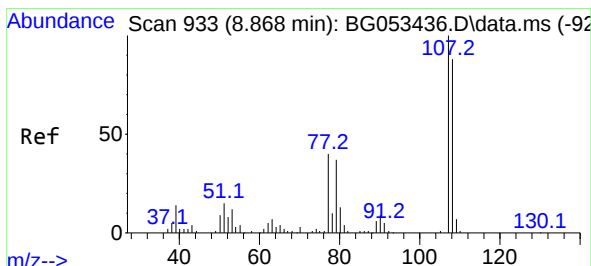
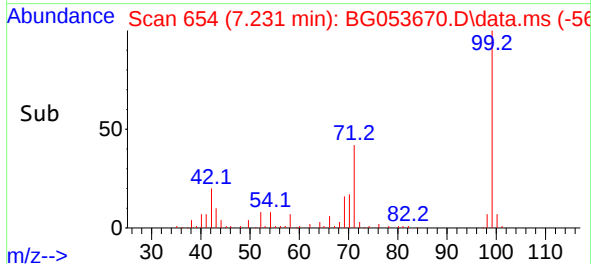
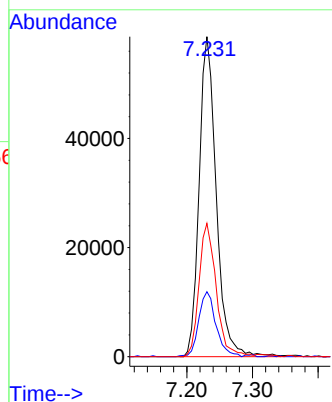
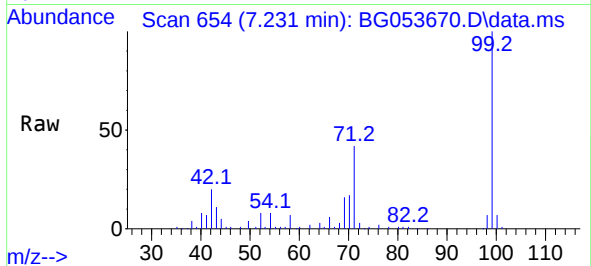




#7
Phenol-d6
Concen: 38.489 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

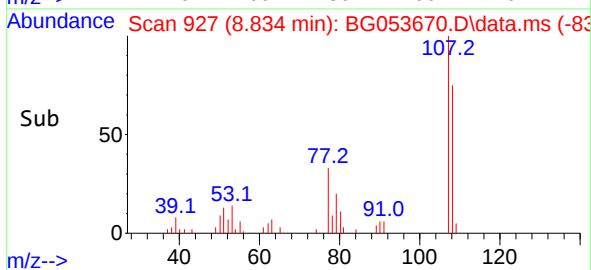
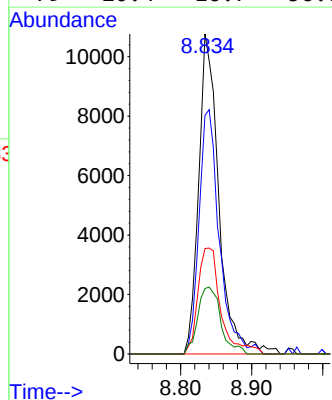
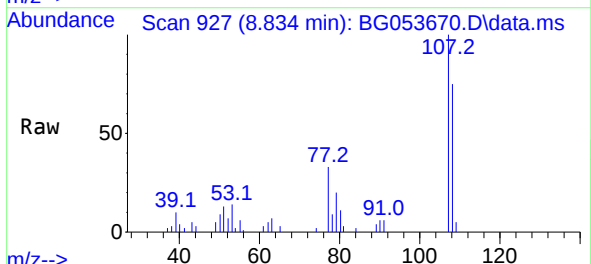
Instrument :
BNA_G
ClientSampleId :
MW-44

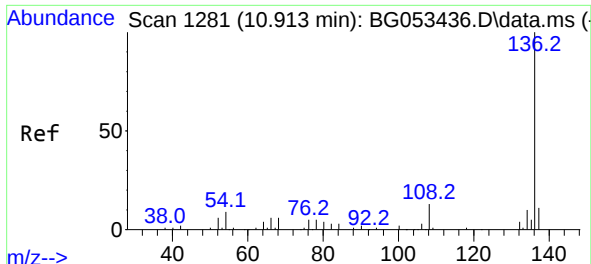
Tgt Ion: 99 Resp: 106482
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 41.6 33.8 50.8



#20
3+4-Methylphenols
Concen: 8.257 ng
RT: 8.834 min Scan# 927
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion: 107 Resp: 21326
Ion Ratio Lower Upper
107 100
108 74.6 67.5 107.5
77 33.0 20.3 60.3
79 20.4 16.7 56.7

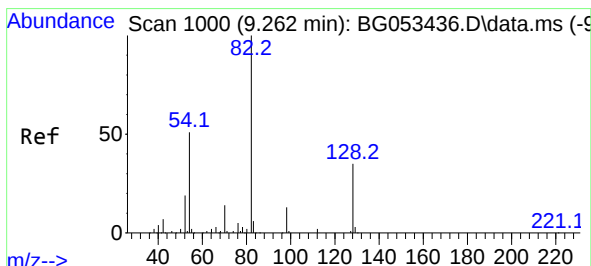
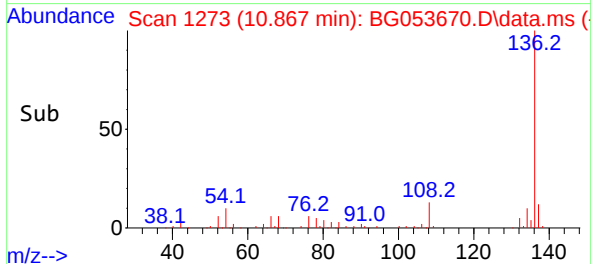
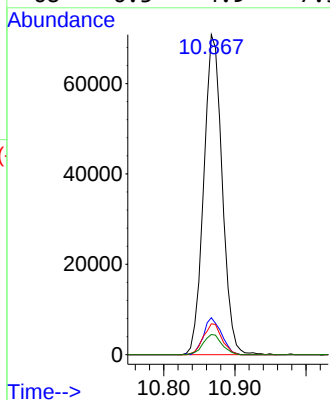
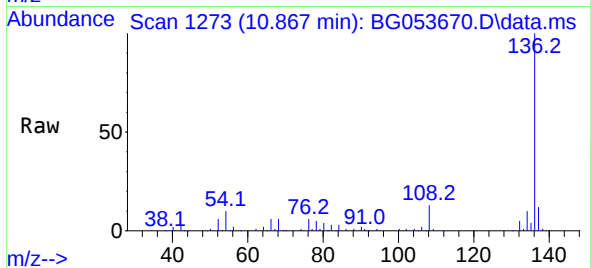




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.867 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

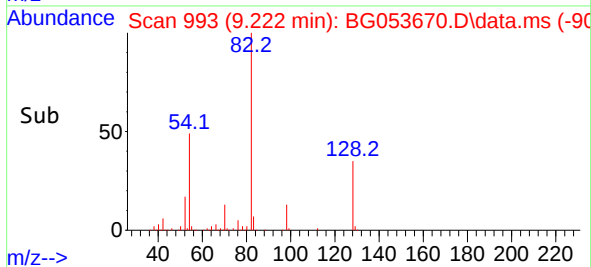
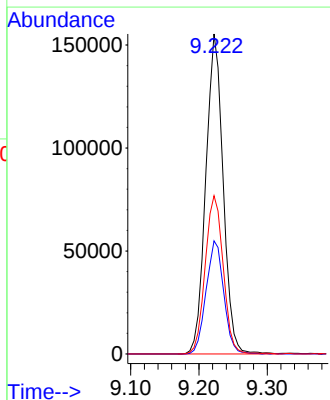
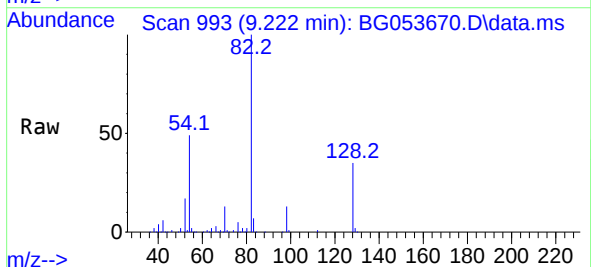
Instrument :
BNA_G
ClientSampleId :
MW-44

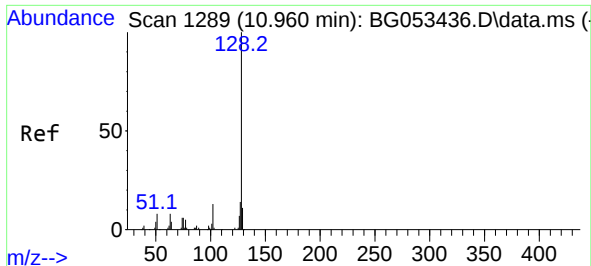
Tgt Ion:	136	Resp:	127670
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	9.7	7.4	11.2
68	6.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.756 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:	82	Resp:	275192
Ion	Ratio	Lower	Upper
82	100		
128	35.4	27.9	41.9
54	49.5	41.2	61.8

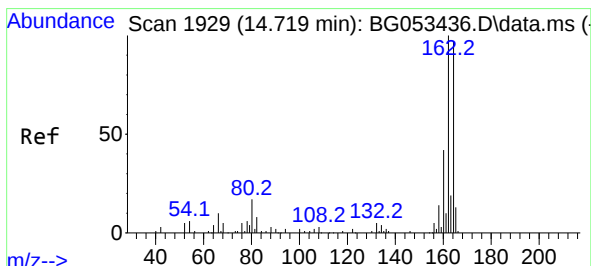
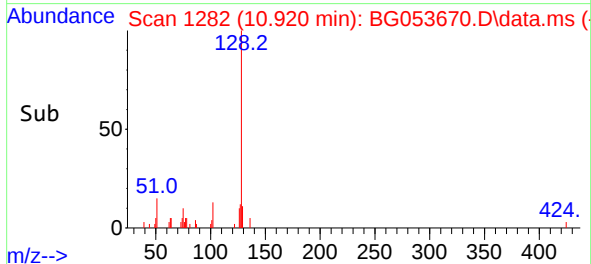
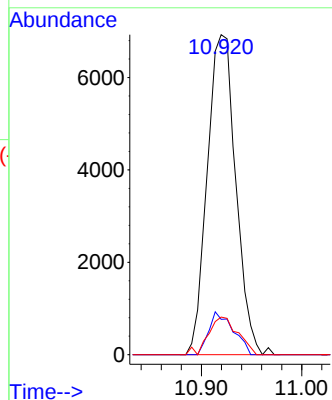
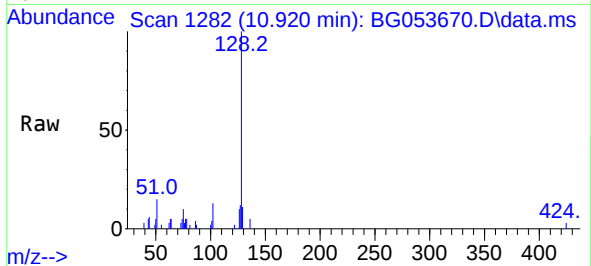




#31
Naphthalene
Concen: 2.109 ng
RT: 10.920 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

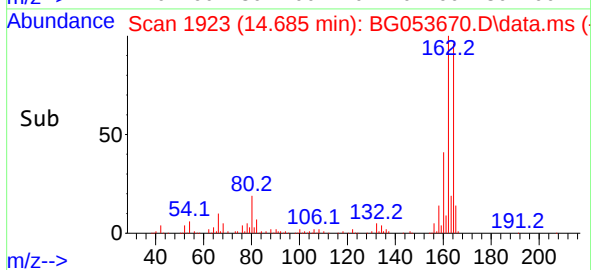
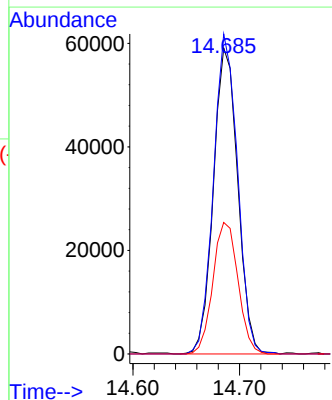
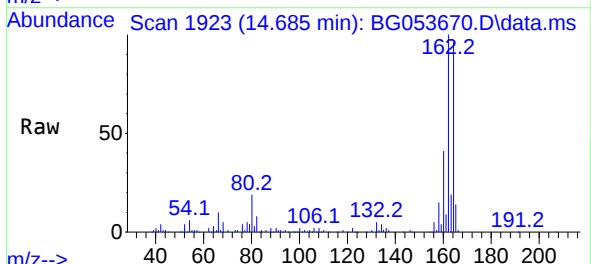
Instrument :
BNA_G
ClientSampleId :
MW-44

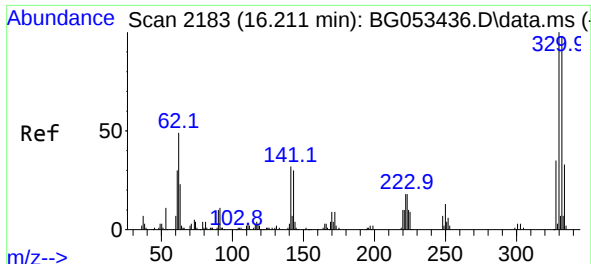
Tgt Ion:128 Resp: 13695
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 11.8 11.1 16.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.685 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:164 Resp: 93552
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 43.0 34.2 51.2

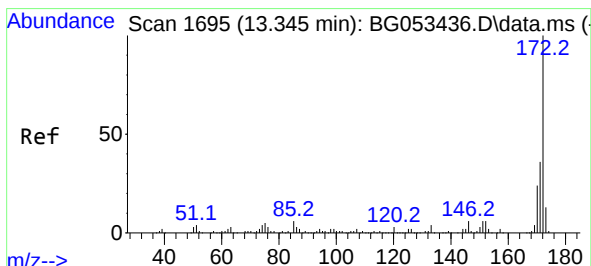
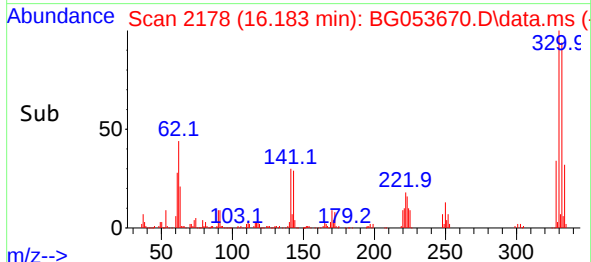
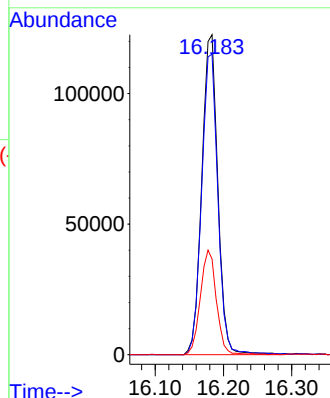
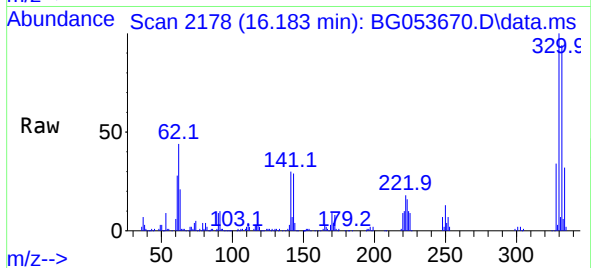




#42
2,4,6-Tribromophenol
Concen: 145.133 ng
RT: 16.183 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

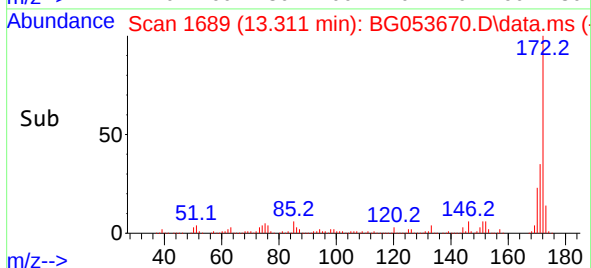
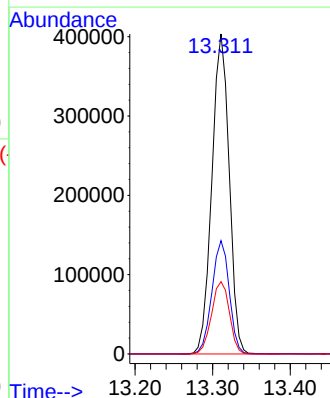
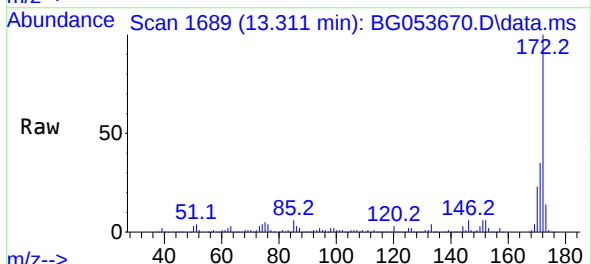
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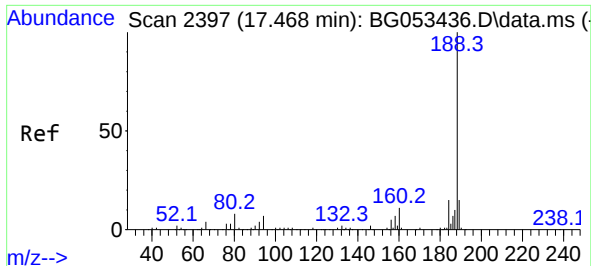
Tgt Ion:330 Resp: 200252
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 32.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 97.613 ng
RT: 13.311 min Scan# 1689
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:172 Resp: 624923
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.6 18.9 28.3

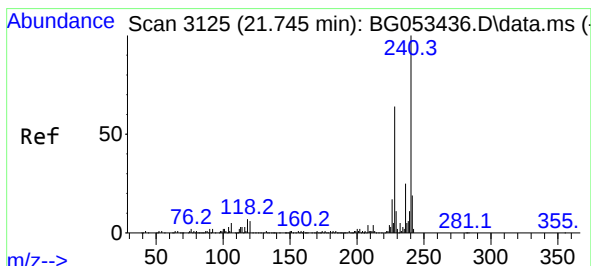
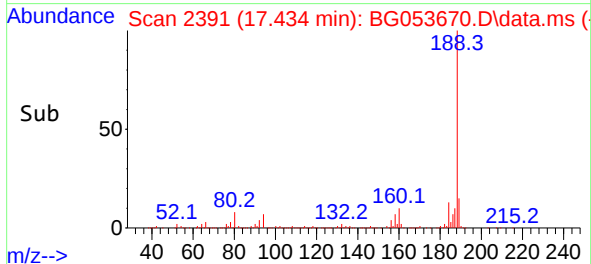
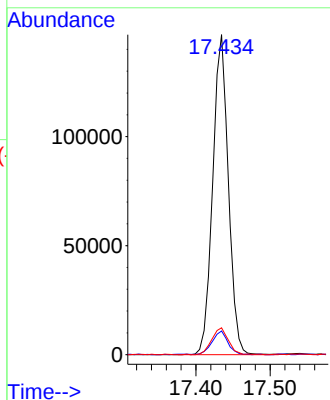
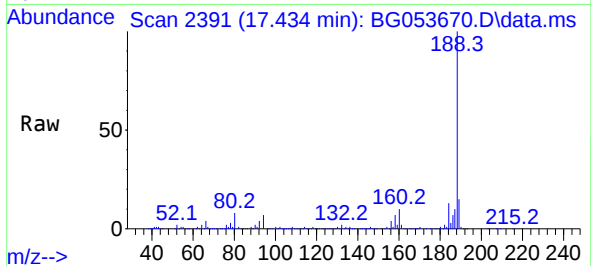




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

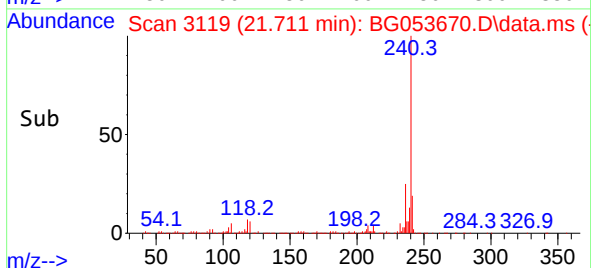
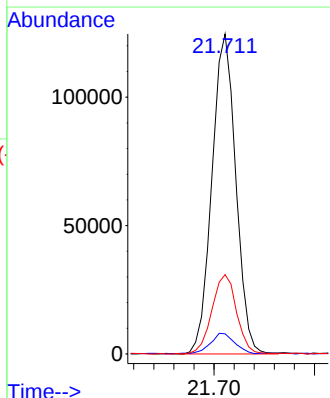
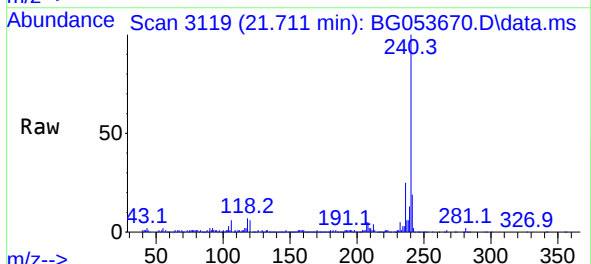
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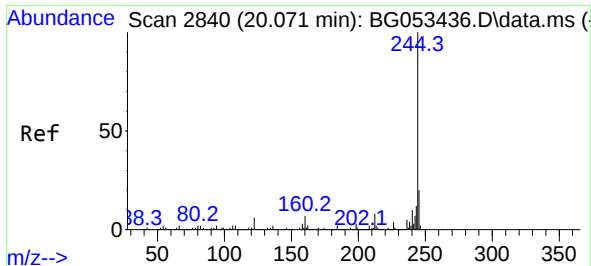
Tgt Ion:188 Resp: 214401
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG053670.D
Acq: 23 May 2022 18:49

Tgt Ion:240 Resp: 205750
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.8 20.2 30.4

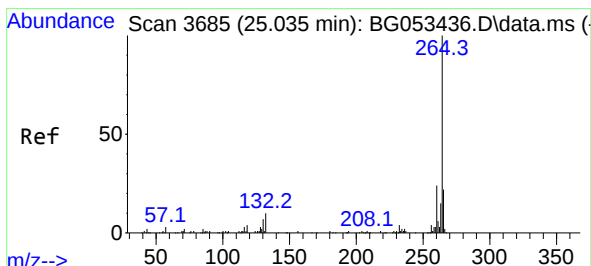
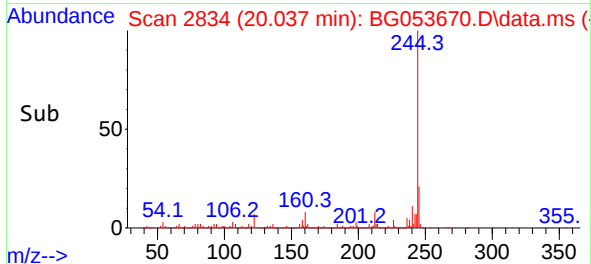
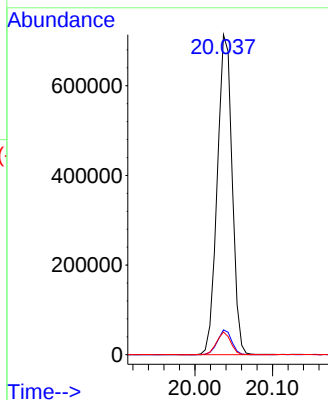
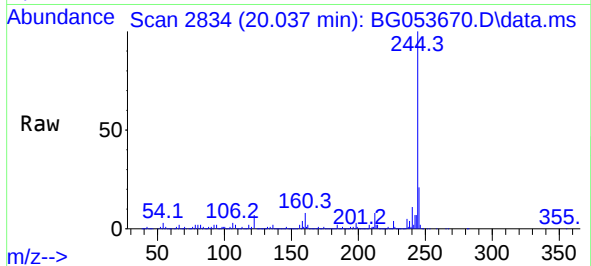




#79
 Terphenyl-d14
 Concen: 86.183 ng
 RT: 20.037 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053670.D
 Acq: 23 May 2022 18:49

Instrument :
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Tgt Ion:244 Resp: 952079
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.971 min Scan# 3674
 Delta R.T. -0.011 min
 Lab File: BG053670.D
 Acq: 23 May 2022 18:49

Tgt Ion:264 Resp: 206272
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.4 17.4 26.2

