

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054343.D
 Acq On : 21 Jul 2022 13:29
 Operator : CG/JU
 Sample : N3771-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10F

Quant Time: Jul 22 02:36:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

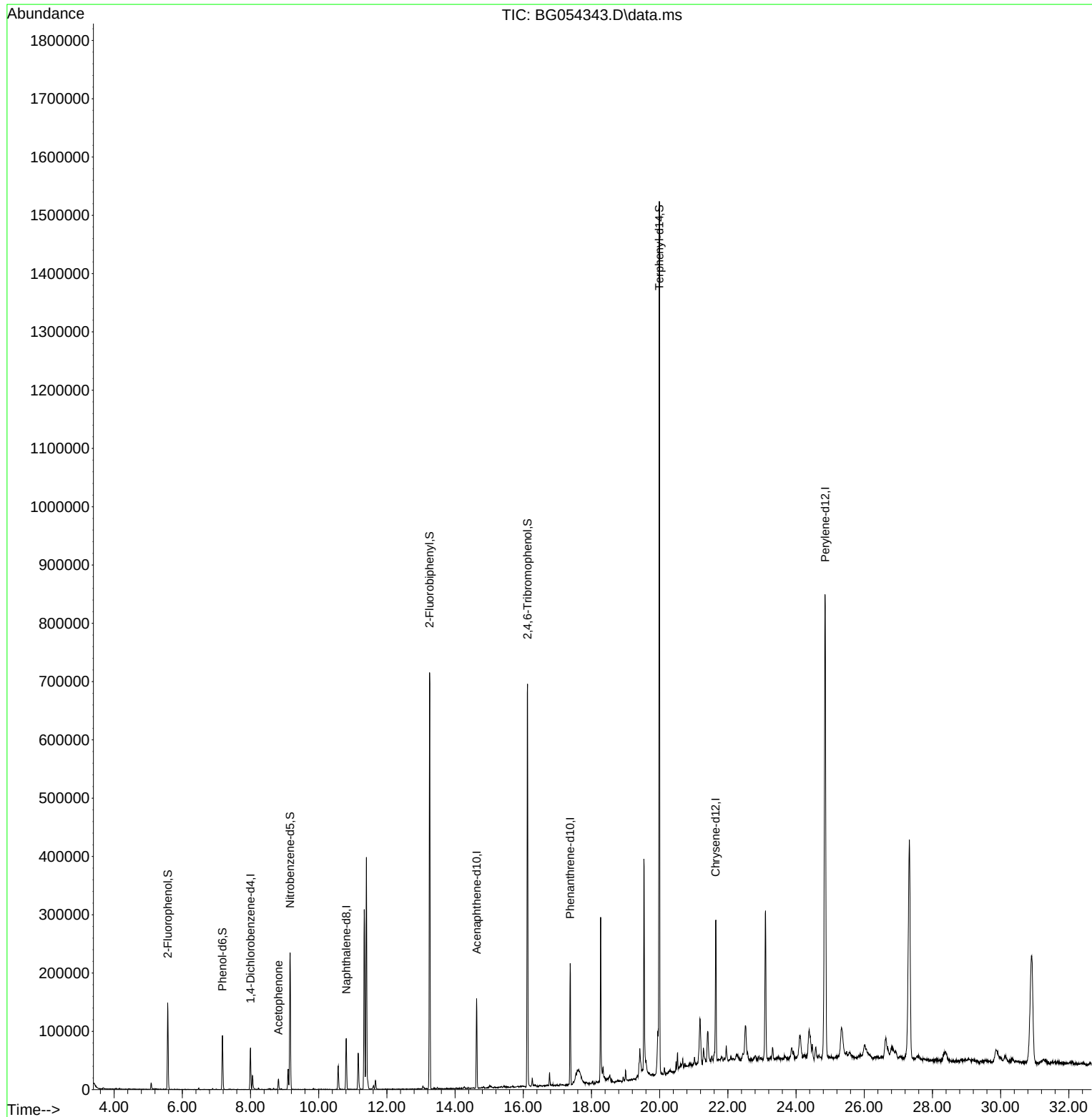
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	21188	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	79710	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	60772	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	146997	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	169357	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	175840	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	66373	65.405	ng	0.00
7) Phenol-d6	7.177	99	53205	38.262	ng	0.00
23) Nitrobenzene-d5	9.163	82	145131	99.152	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	181899	142.556	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	409422	95.039	ng	0.00
79) Terphenyl-d14	19.992	244	830882	97.327	ng	0.00
Target Compounds						
22) Acetophenone	8.822	105	10037	5.235	ng	# 97

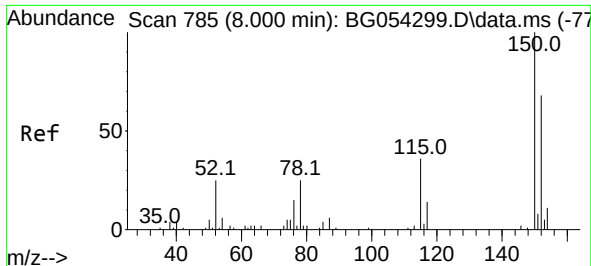
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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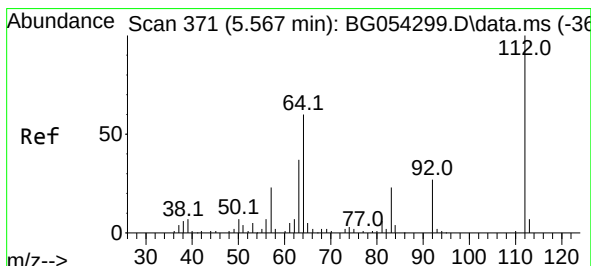
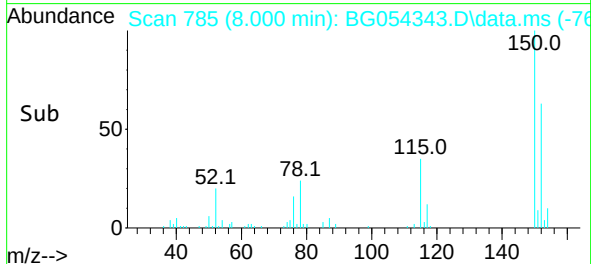
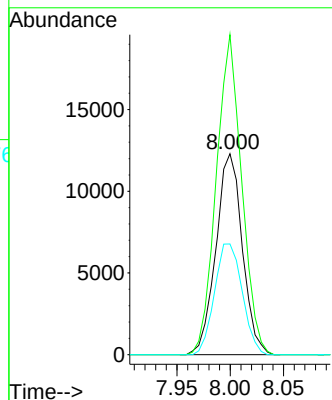
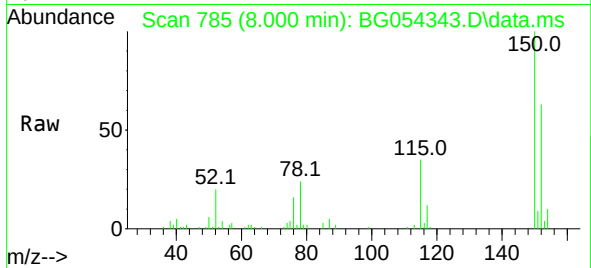




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

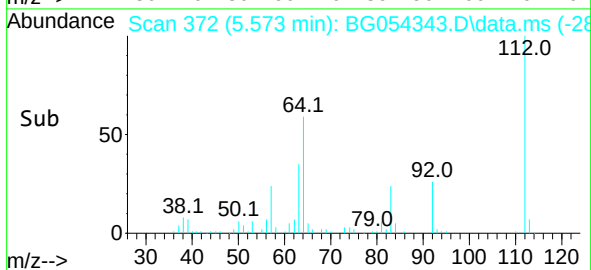
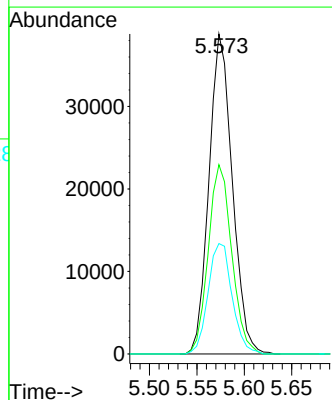
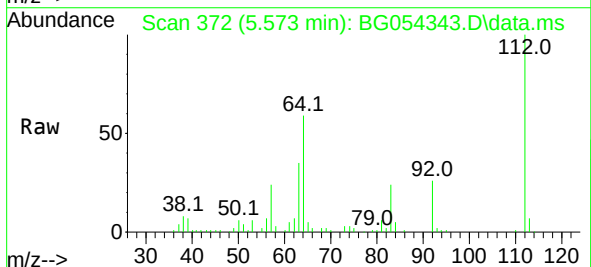
Instrument :
BNA_G
ClientSampleId :
MW-10F

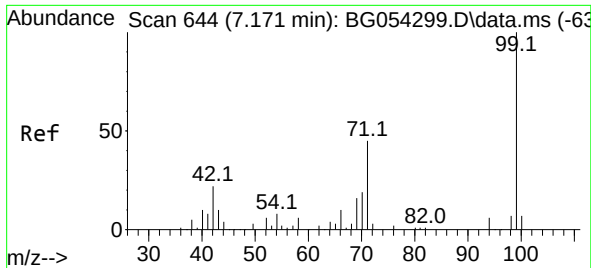
Tgt Ion:152 Resp: 21188
Ion Ratio Lower Upper
152 100
150 159.3 131.6 197.4
115 55.1 50.9 76.3



#5
2-Fluorophenol
Concen: 65.405 ng
RT: 5.573 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:112 Resp: 66373
Ion Ratio Lower Upper
112 100
64 59.2 55.1 82.7
63 34.5 30.4 45.6

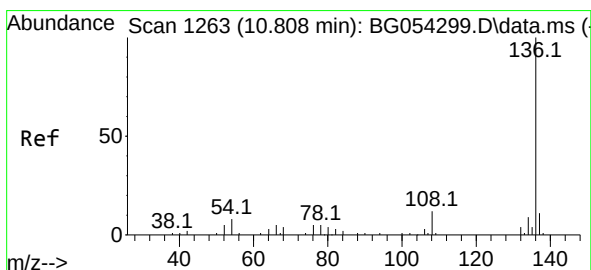
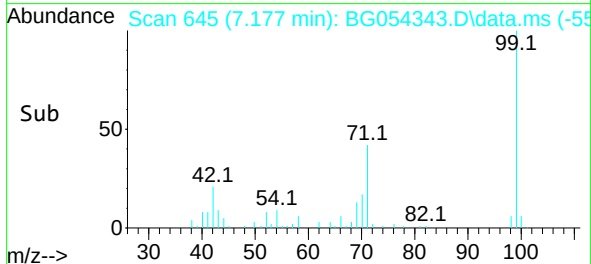
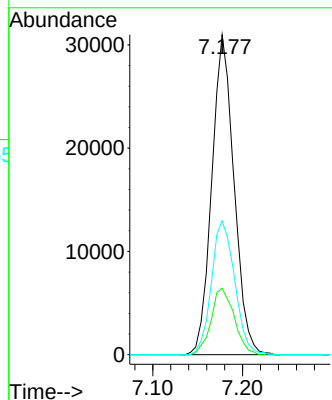
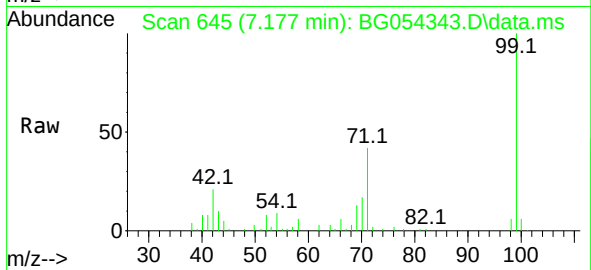




#7
Phenol-d6
Concen: 38.262 ng
RT: 7.177 min Scan# 64
Delta R.T. 0.006 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

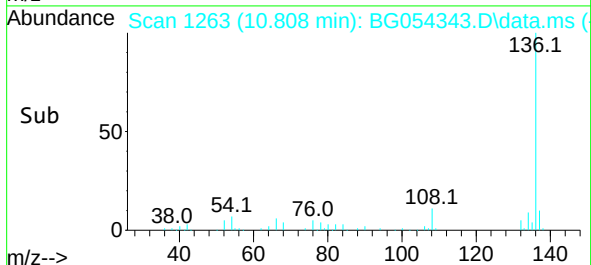
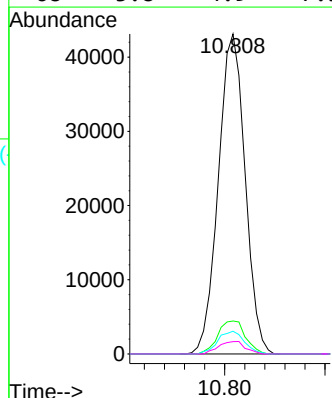
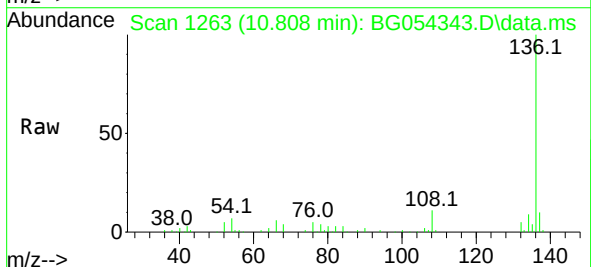
Instrument :
BNA_G
ClientSampleId :
MW-10F

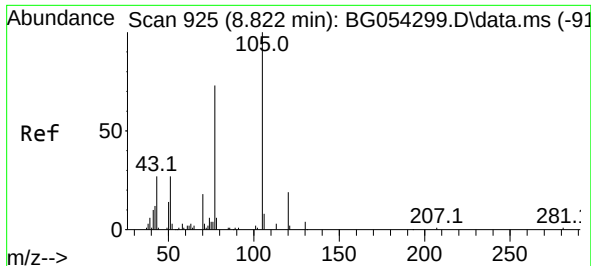
Tgt Ion: 99 Resp: 53205
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 41.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion: 136 Resp: 79710
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.1 7.4 11.2#
68 3.8 4.9 7.3#

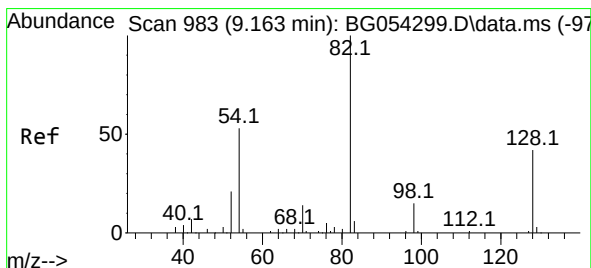
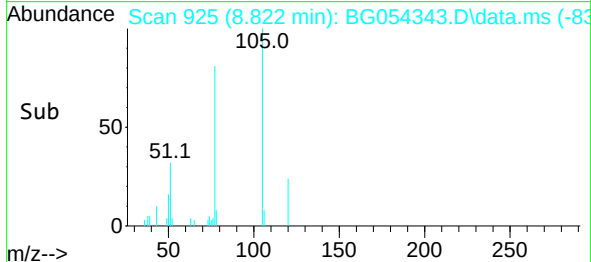
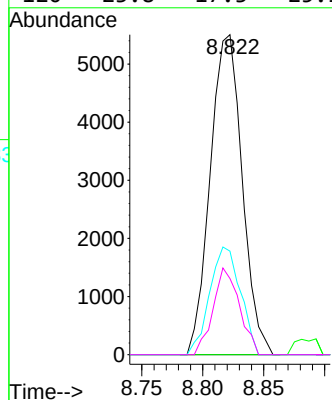
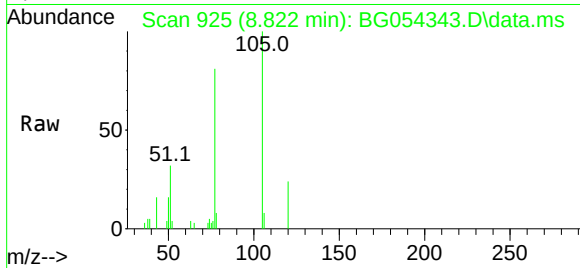




#22
Acetophenone
Concen: 5.235 ng
RT: 8.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

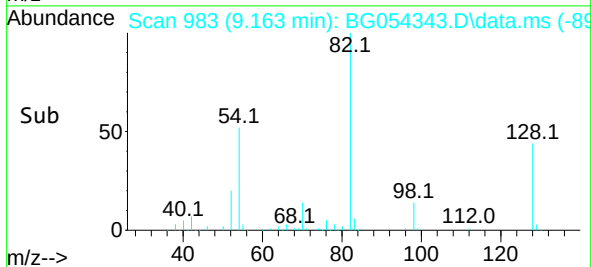
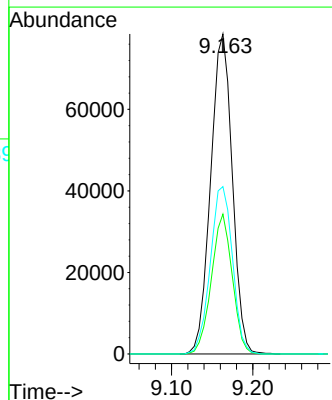
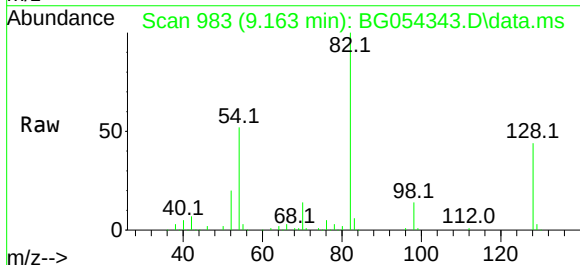
Instrument :
BNA_G
ClientSampleId :
MW-10F

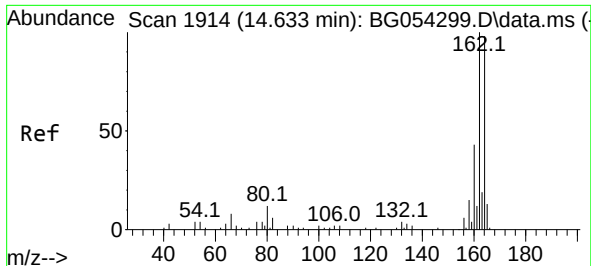
Tgt Ion:105 Resp: 10037
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 32.4 25.4 38.0
120 23.8 17.3 25.9



#23
Nitrobenzene-d5
Concen: 99.152 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion: 82 Resp: 145131
Ion Ratio Lower Upper
82 100
128 43.7 27.9 41.9#
54 52.3 41.2 61.8

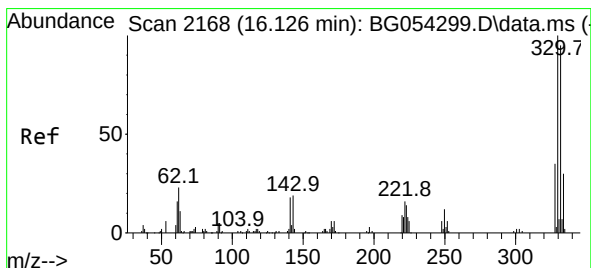
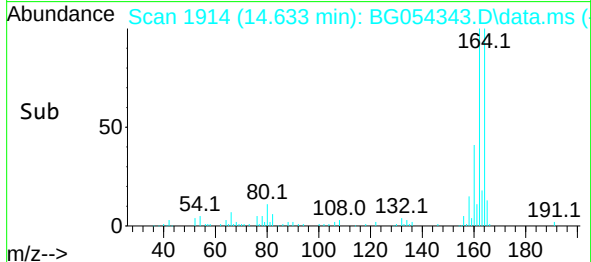
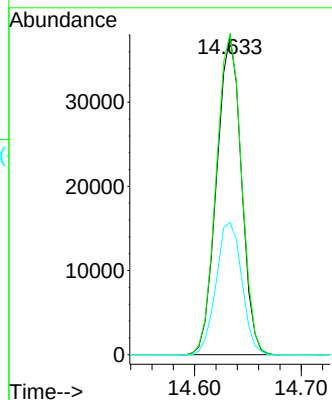
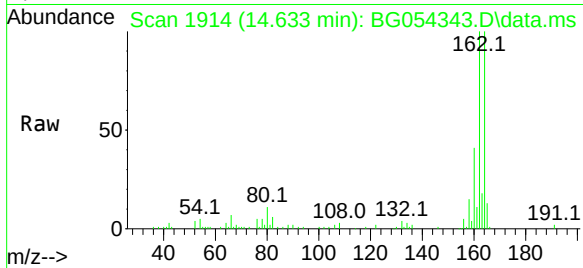




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

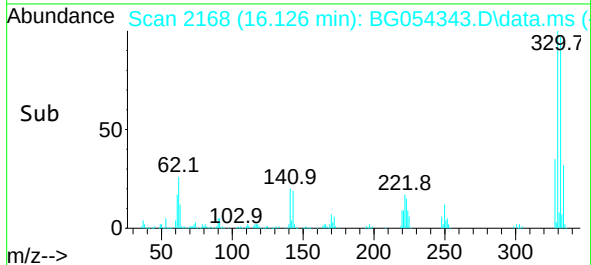
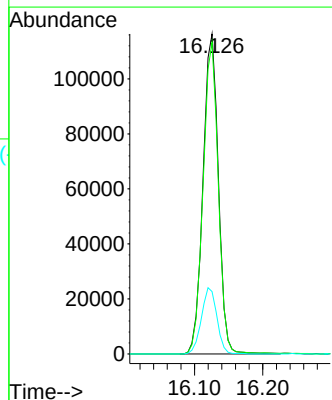
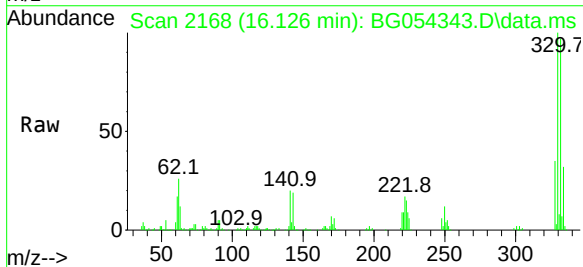
Instrument :
BNA_G
ClientSampleId :
MW-10F

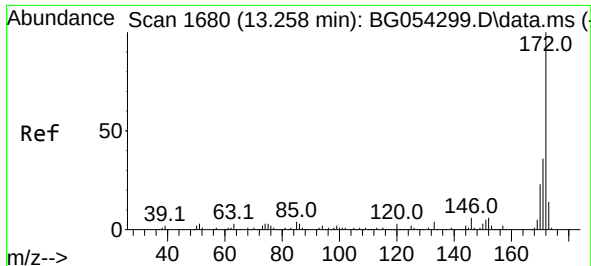
Tgt Ion:164 Resp: 60772
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 41.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 142.556 ng
RT: 16.126 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:330 Resp: 181899
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 20.9 27.1 40.7#

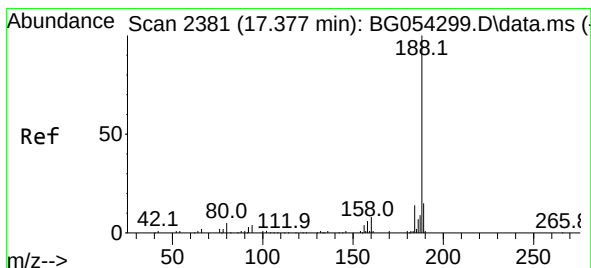
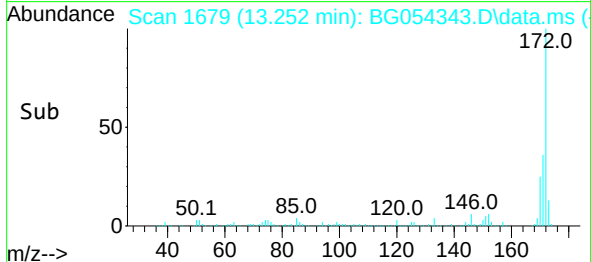
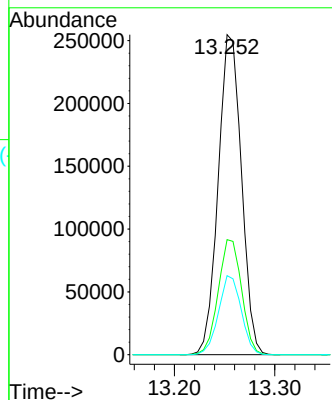
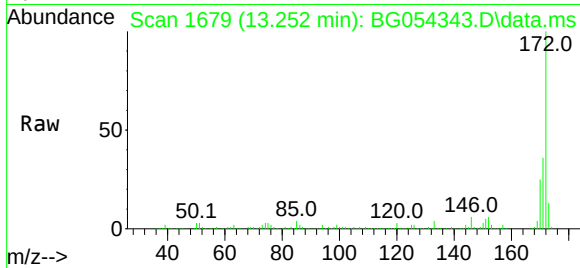




#45
2-Fluorobiphenyl
Concen: 95.039 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

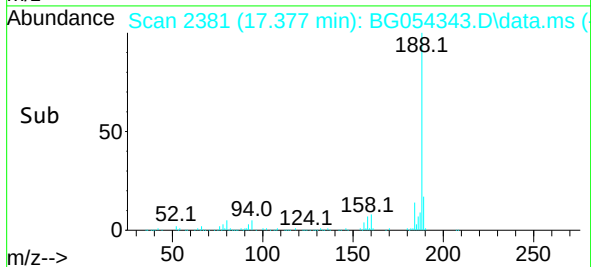
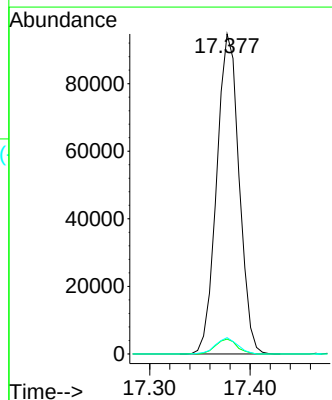
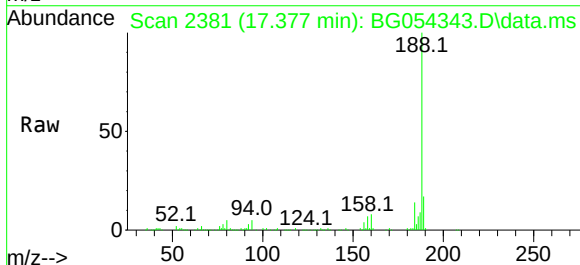
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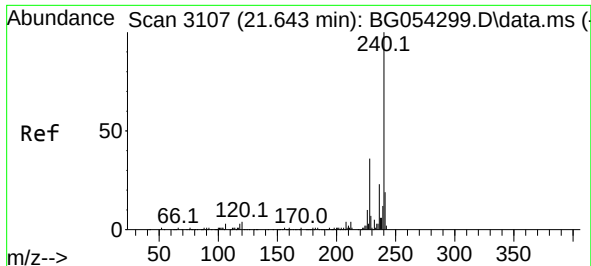
Tgt Ion:172 Resp: 409422
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:188 Resp: 146997
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.1 6.8 10.2#

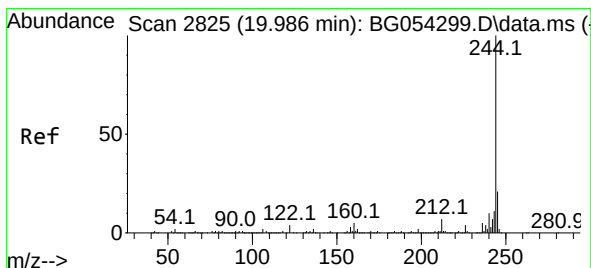
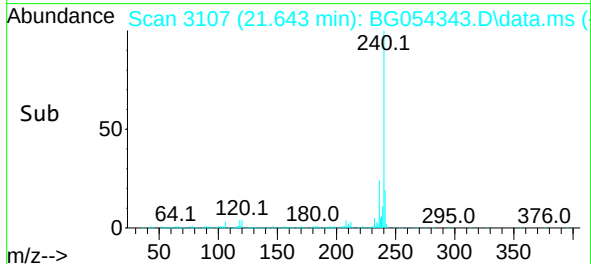
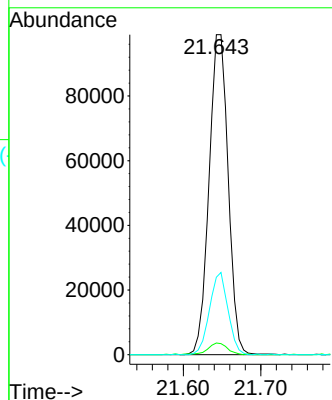
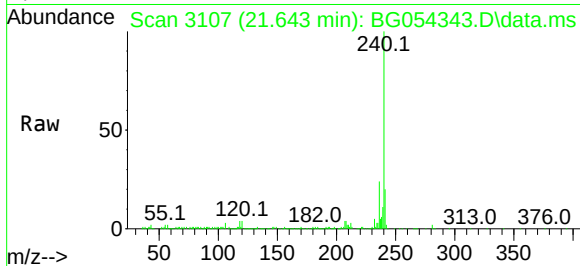




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

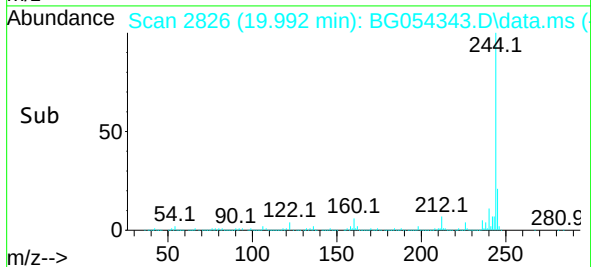
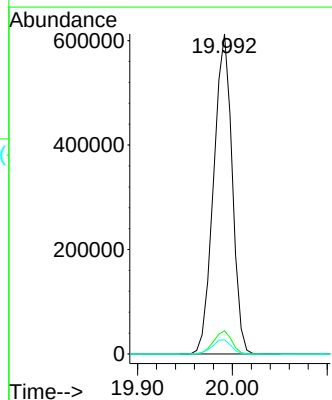
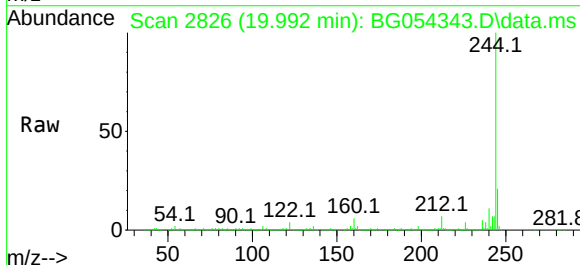
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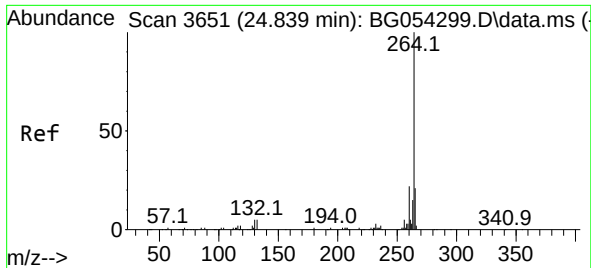
Tgt Ion:240 Resp: 169357
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.2 20.2 30.4



#79
Terphenyl-d14
Concen: 97.327 ng
RT: 19.992 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:244 Resp: 830882
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.4 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.856 min Scan# 30

Delta R.T. 0.018 min

Lab File: BG054343.D

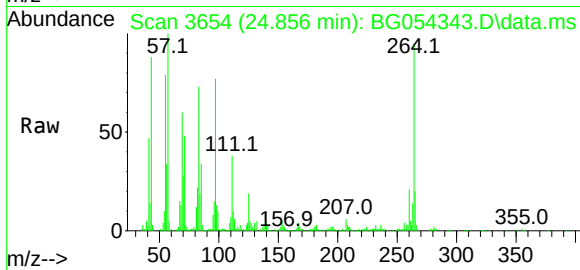
Acq: 21 Jul 2022 13:29

Instrument :

BNA_G

ClientSampleId :

MW-10F



Tgt Ion:264 Resp: 175840

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.6

265 20.8 17.4 26.2

