

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054596.D
 Acq On : 10 Aug 2022 20:18
 Operator : CG/JU
 Sample : N3971-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Quant Time: Aug 10 21:46:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

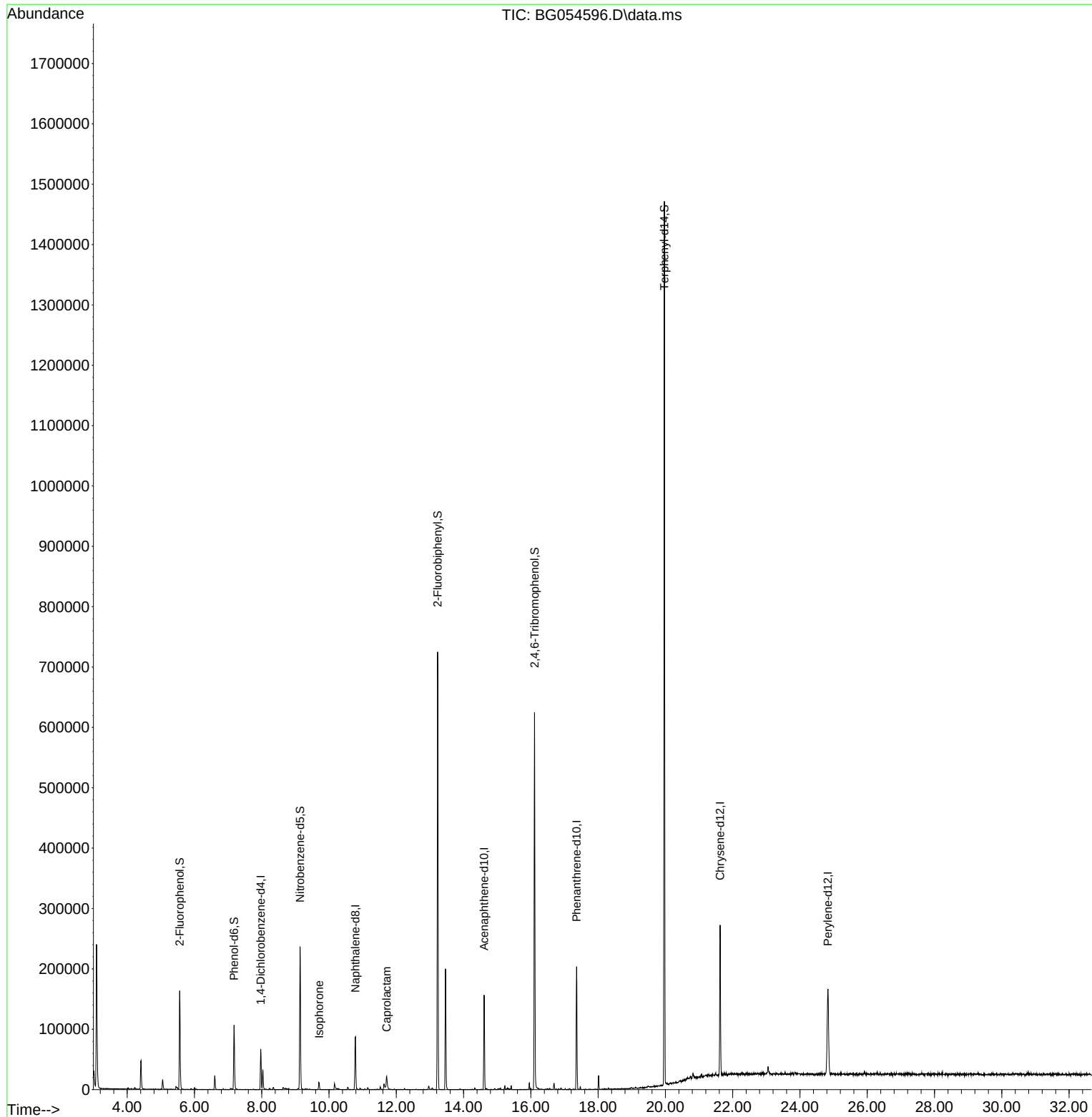
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	21676	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	80543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	60845	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	150231	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	169472	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	180166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	75113	72.351	ng	0.00
7) Phenol-d6	7.177	99	62902	44.217	ng	0.00
23) Nitrobenzene-d5	9.139	82	142112	96.085	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	167308	130.963	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	409650	94.978	ng	0.00
79) Terphenyl-d14	19.968	244	841505	98.505	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.703	82	8871	3.449	ng	96
35) Caprolactam	11.713	113	4606	12.041	ng	91

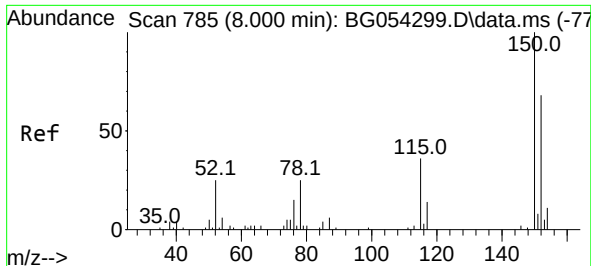
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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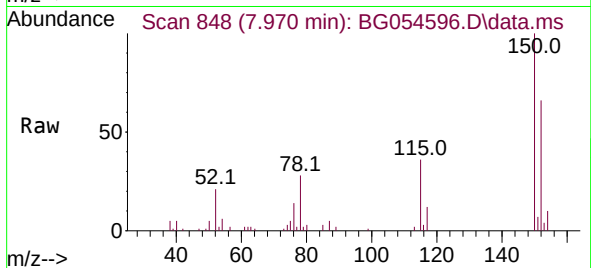
Quant Time: Aug 10 21:46:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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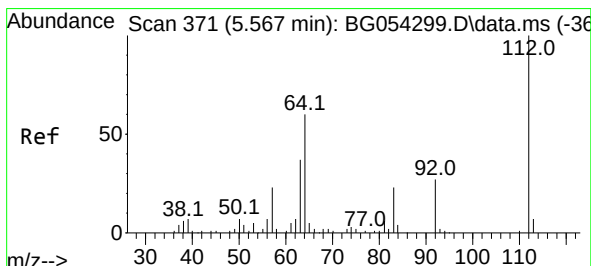
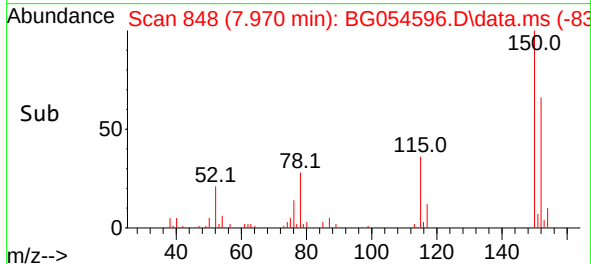
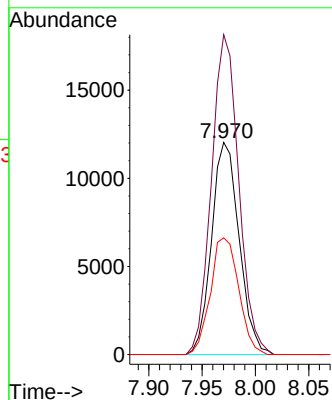


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Instrument :
BNA_G
ClientSampleId :
MW-1R

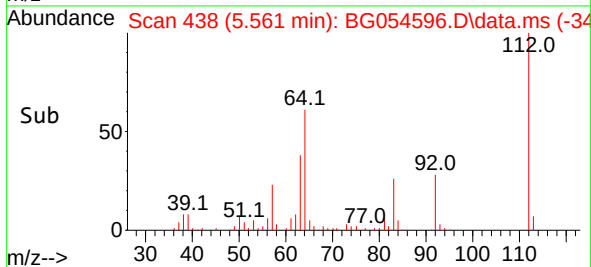
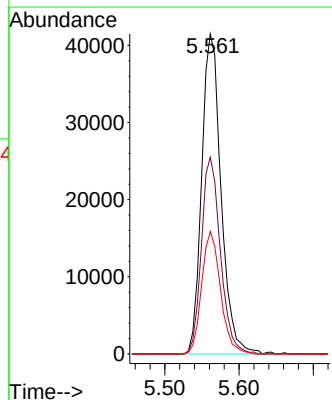
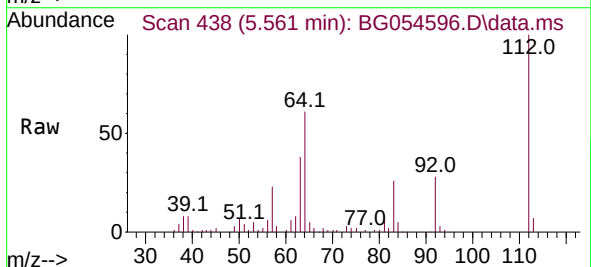


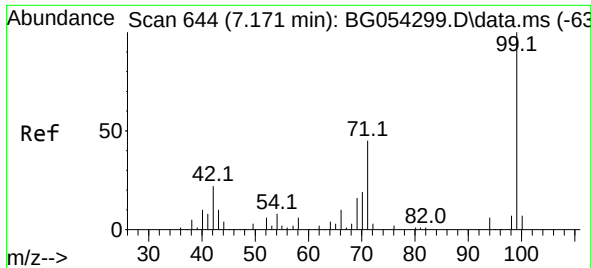
Tgt Ion:152 Resp: 21676
Ion Ratio Lower Upper
152 100
150 150.8 131.6 197.4
115 55.0 50.9 76.3



#5
2-Fluorophenol
Concen: 72.351 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:112 Resp: 75113
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 38.2 30.4 45.6

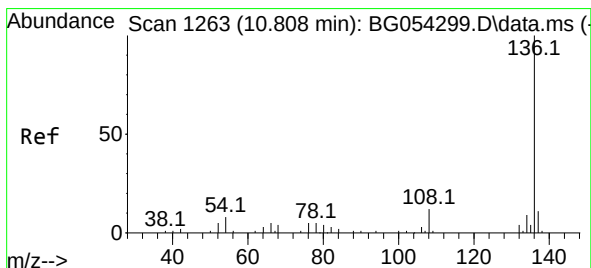
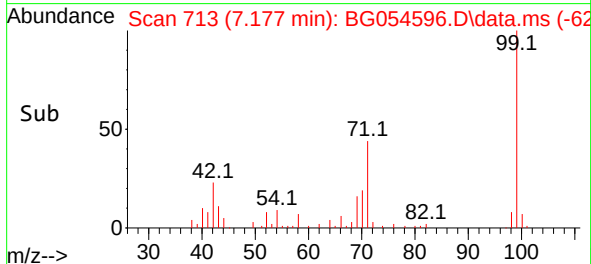
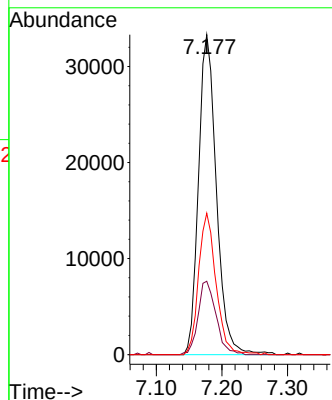
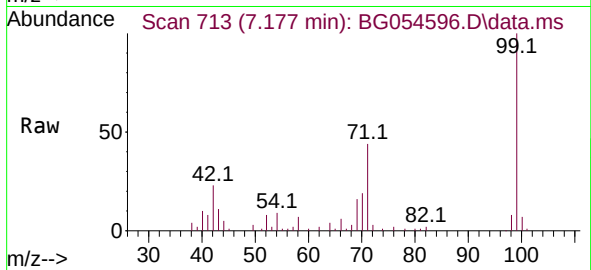




#7
Phenol-d6
Concen: 44.217 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

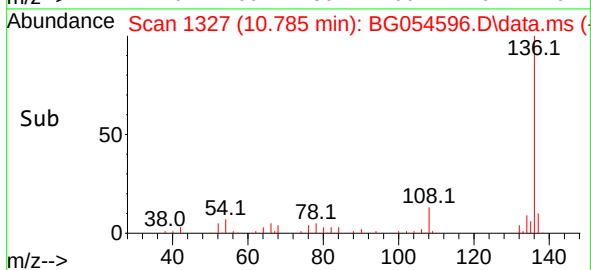
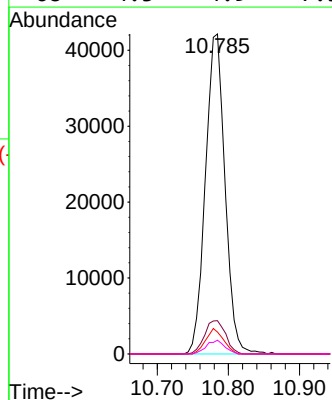
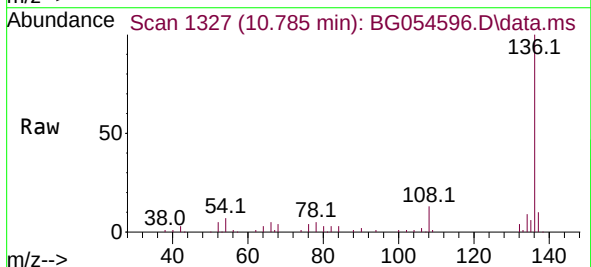
Instrument :
BNA_G
ClientSampleId :
MW-1R

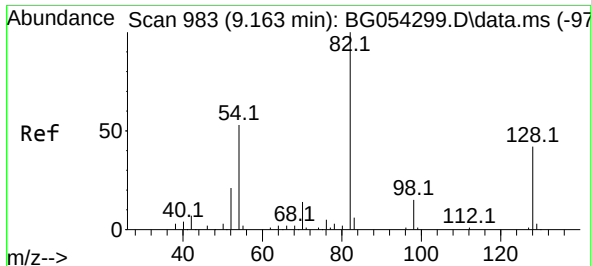
Tgt Ion: 99 Resp: 62902
Ion Ratio Lower Upper
99 100
42 22.9 17.0 25.6
71 44.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion: 136 Resp: 80543
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.8 7.4 11.2#
68 4.3 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 96.085 ng

RT: 9.139 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG054596.D

Acq: 10 Aug 2022 20:18

Instrument :

BNA_G

ClientSampleId :

MW-1R

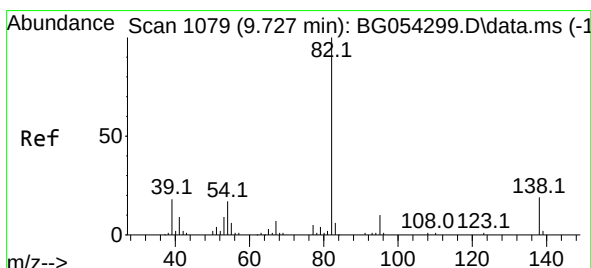
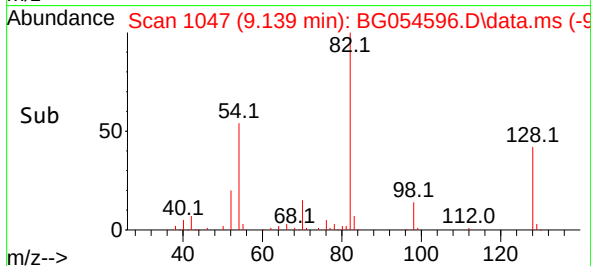
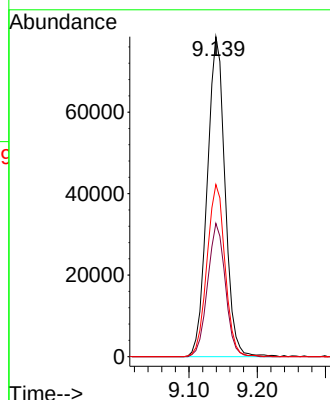
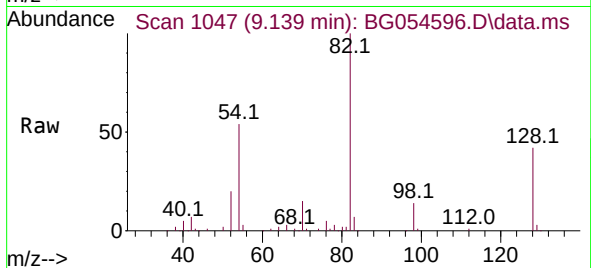
Tgt Ion: 82 Resp: 142112

Ion Ratio Lower Upper

82 100

128 41.6 27.9 41.9

54 53.8 41.2 61.8



#25

Isophorone

Concen: 3.449 ng

RT: 9.703 min Scan# 1143

Delta R.T. -0.002 min

Lab File: BG054596.D

Acq: 10 Aug 2022 20:18

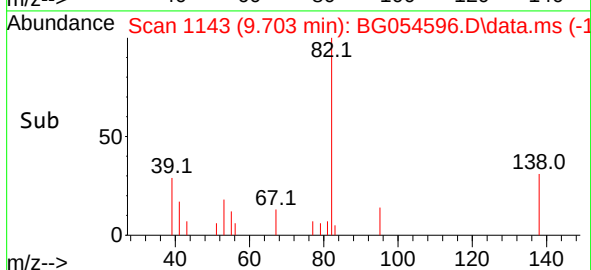
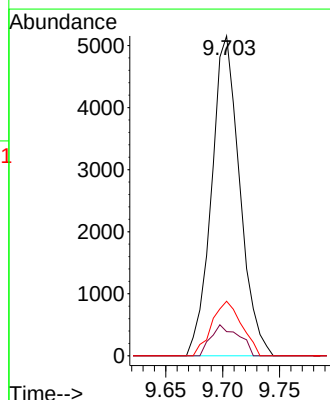
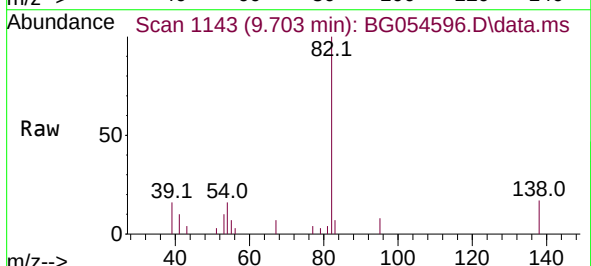
Tgt Ion: 82 Resp: 8871

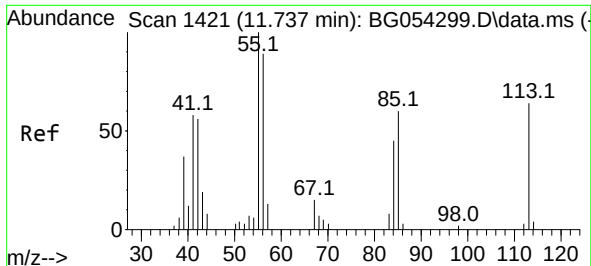
Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.4

138 17.1 11.6 17.4

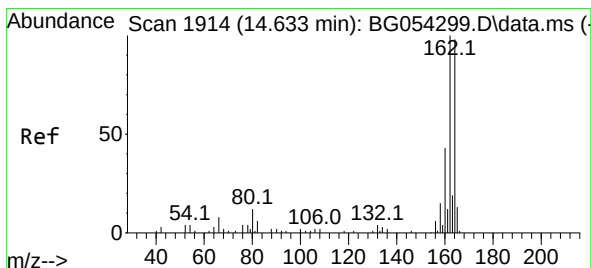
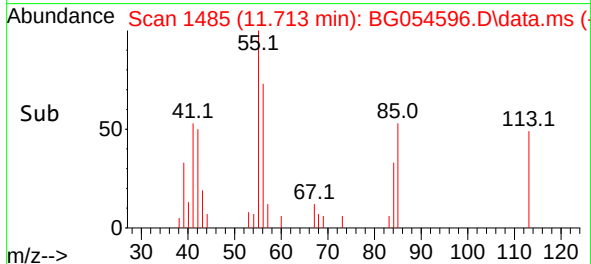
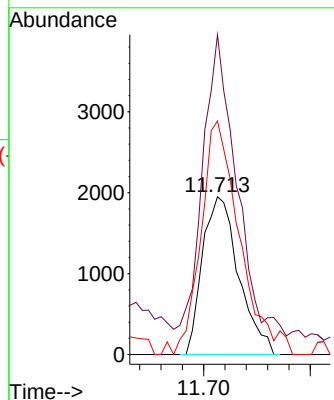
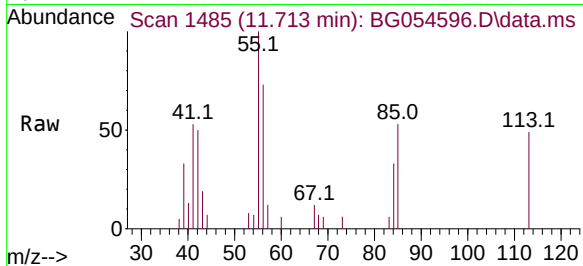




#35
Caprolactam
Concen: 12.041 ng
RT: 11.713 min Scan# 14
Delta R.T. -0.014 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

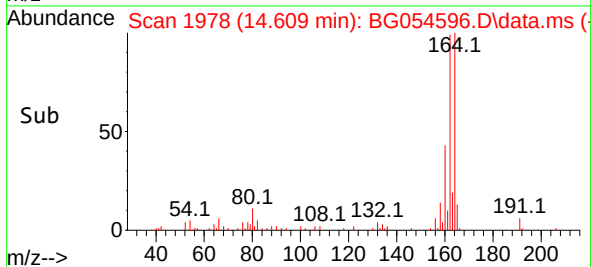
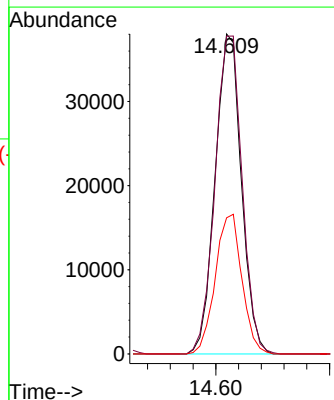
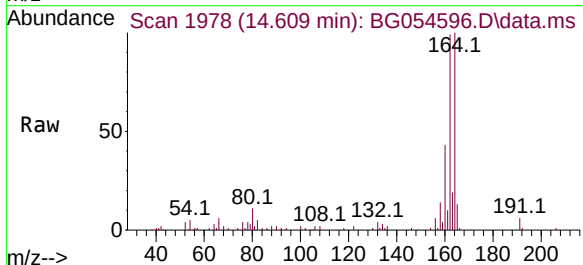
Instrument :
BNA_G
ClientSampleId :
MW-1R

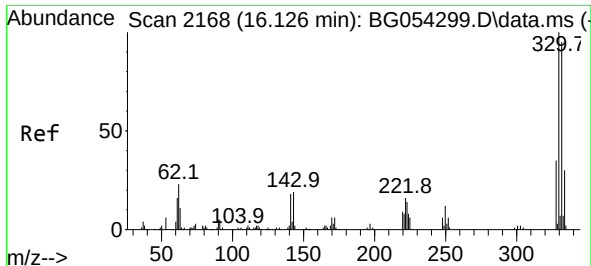
Tgt Ion:113 Resp: 4606
Ion Ratio Lower Upper
113 100
55 202.8 169.8 209.8
56 148.1 141.2 181.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.008 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:164 Resp: 60845
Ion Ratio Lower Upper
164 100
162 99.3 82.3 123.5
160 42.5 34.2 51.2

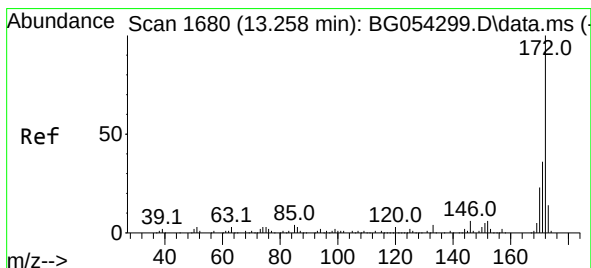
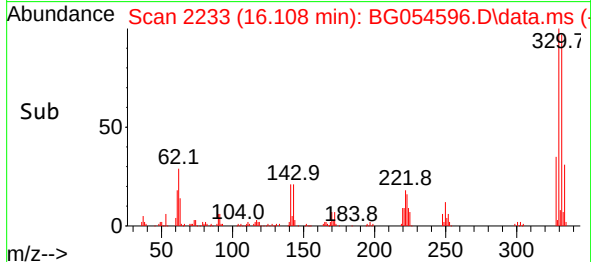
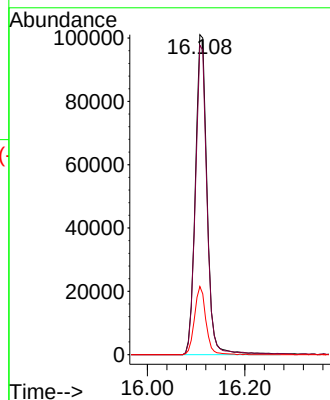
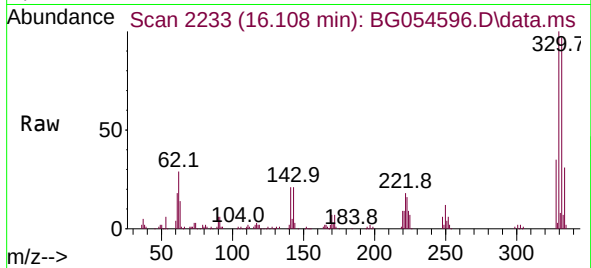




#42
 2,4,6-Tribromophenol
 Concen: 130.963 ng
 RT: 16.108 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

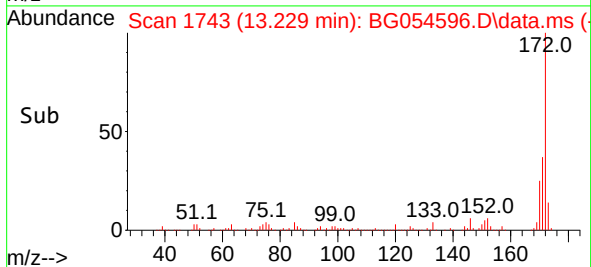
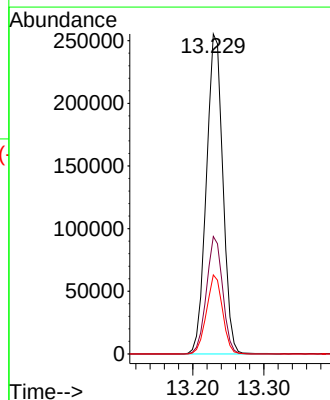
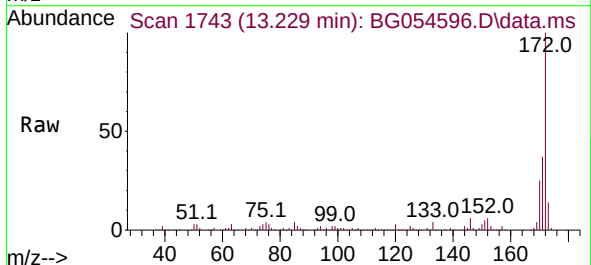
Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

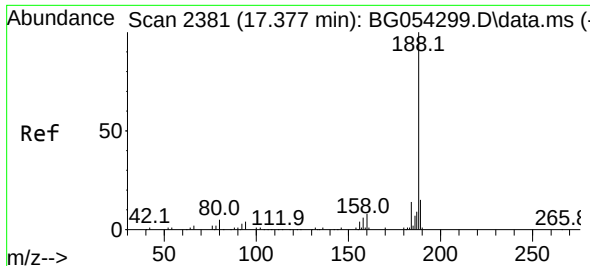
Tgt Ion:330 Resp: 167308
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 20.6 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 94.978 ng
 RT: 13.229 min Scan# 1743
 Delta R.T. -0.008 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

Tgt Ion:172 Resp: 409650
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 24.7 18.9 28.3

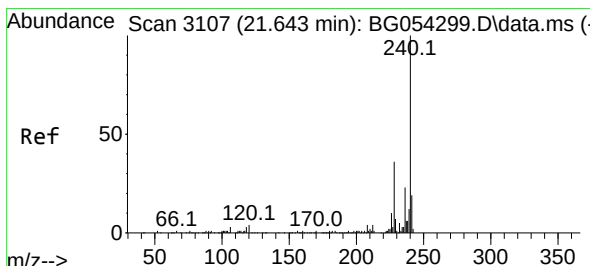
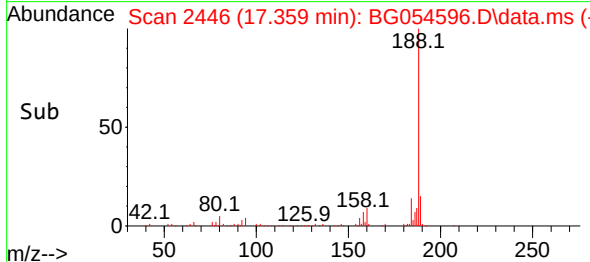
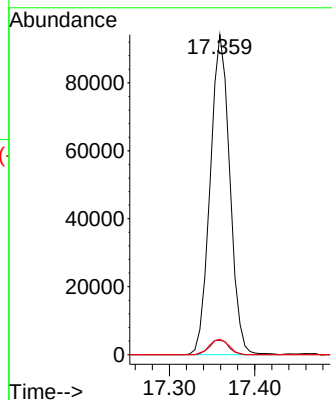
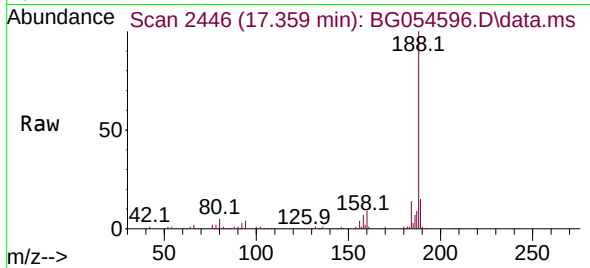




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

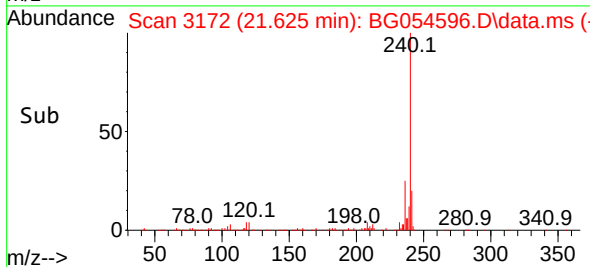
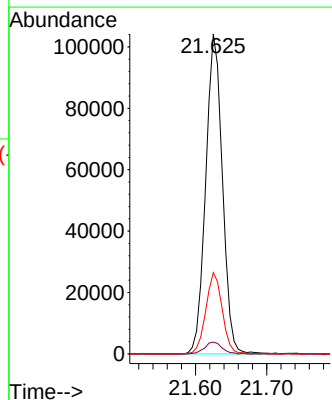
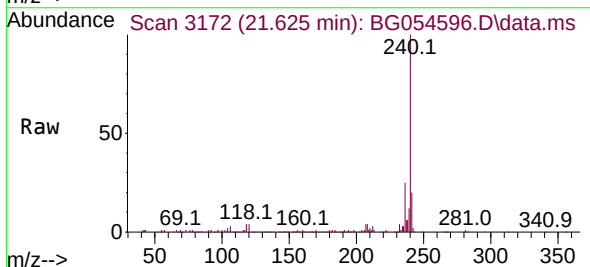
Instrument :
BNA_G
ClientSampleId :
MW-1R

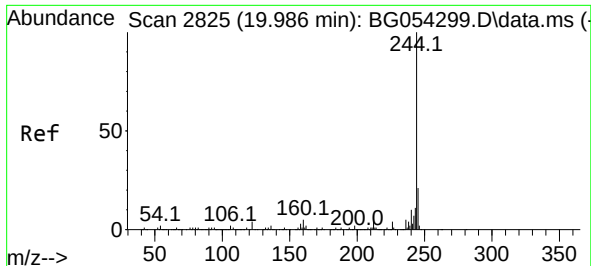
Tgt Ion:188 Resp: 150231
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.8 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:240 Resp: 169472
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 25.4 20.2 30.4

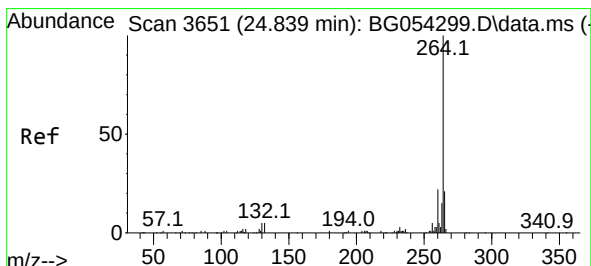
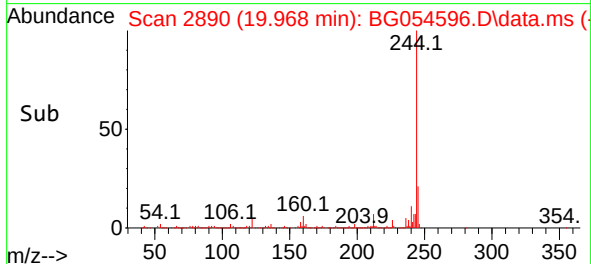
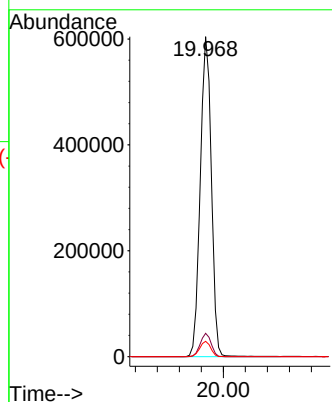
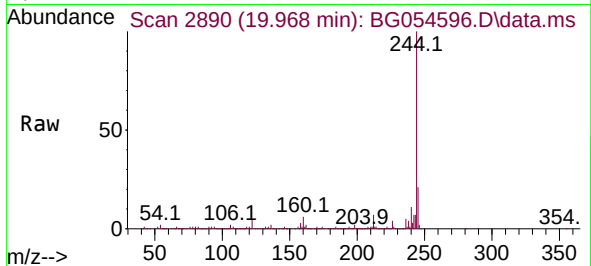




#79
 Terphenyl-d14
 Concen: 98.505 ng
 RT: 19.968 min Scan# 2825
 Delta R.T. -0.002 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Tgt Ion:244 Resp: 841505
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.008 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

Tgt Ion:264 Resp: 180166
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 21.1 17.4 26.2

