

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054604.D
 Acq On : 11 Aug 2022 14:26
 Operator : CG/JU
 Sample : N3971-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

Quant Time: Aug 12 06:02:41 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)

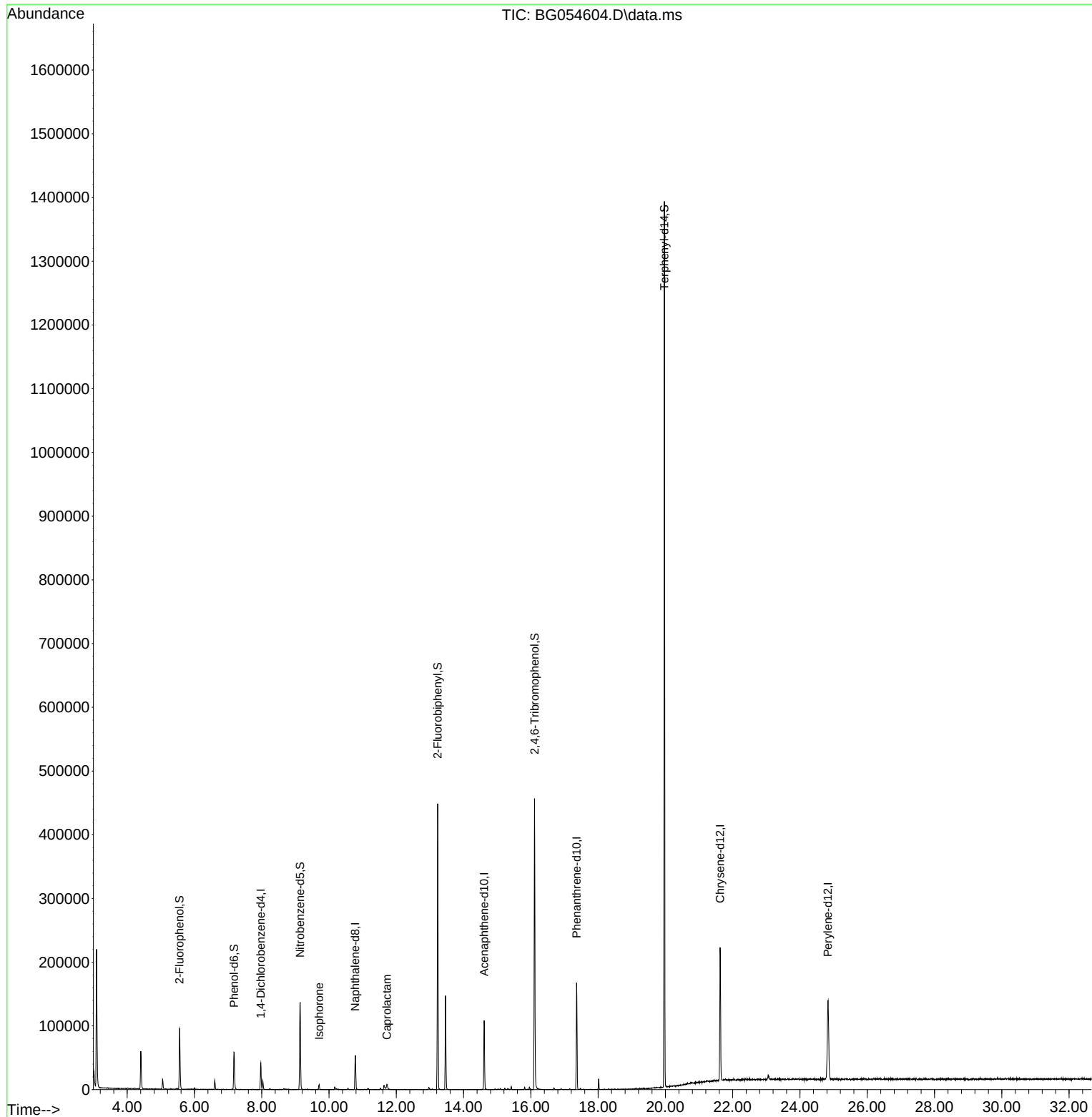
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	13608	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	50891	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	42456	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	125159	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	154572	20.000	ng	# 0.00
86) Perylene-d12	24.828	264	157568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	45307	69.515	ng	0.00
7) Phenol-d6	7.172	99	37258	41.719	ng	0.00
23) Nitrobenzene-d5	9.140	82	85421	91.407	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	122417	137.328	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	258911	86.029	ng	0.00
79) Terphenyl-d14	19.969	244	754687	96.858	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.704	82	6305	3.879	ng	# 87
35) Caprolactam	11.719	113	1674	6.926	ng	# 83

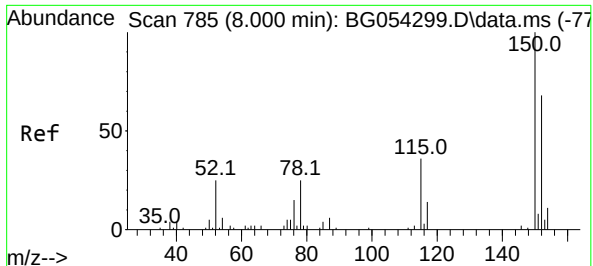
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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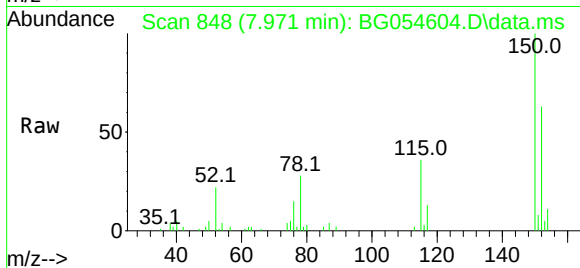
Quant Time: Aug 12 06:02:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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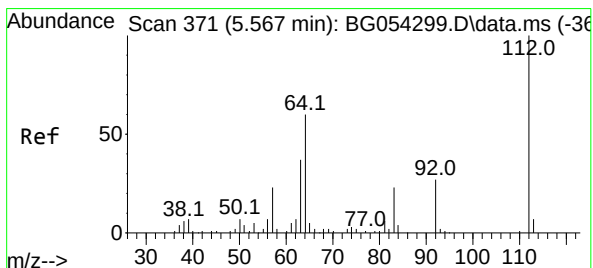
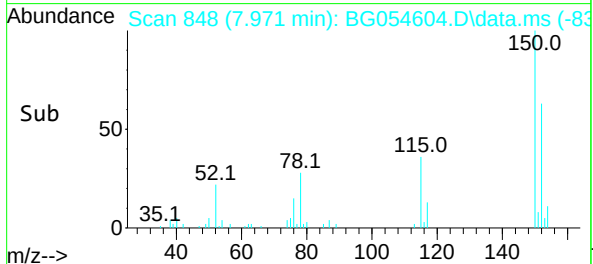
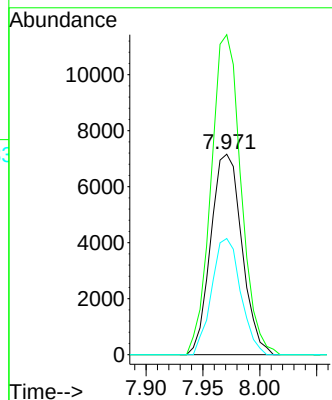


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Instrument :
BNA_G
ClientSampleId :
MW-25R

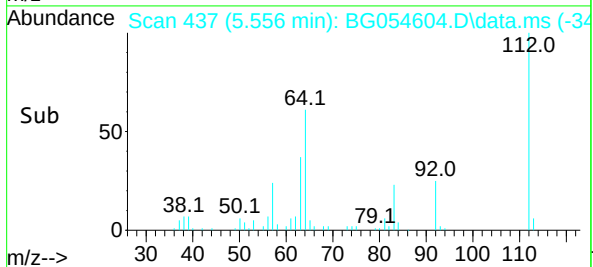
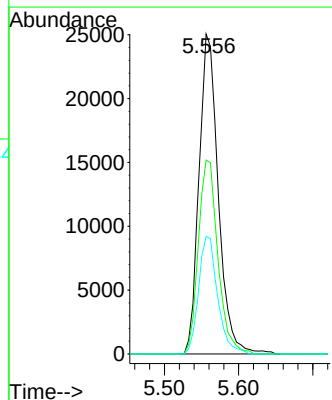
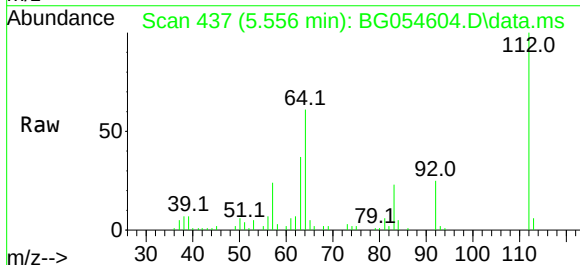


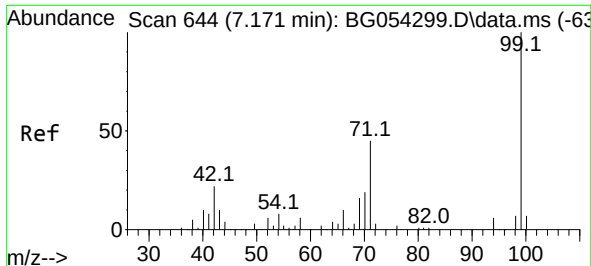
Tgt Ion:152 Resp: 13608
Ion Ratio Lower Upper
152 100
150 159.6 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 69.515 ng
RT: 5.556 min Scan# 437
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:112 Resp: 45307
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 36.7 30.4 45.6

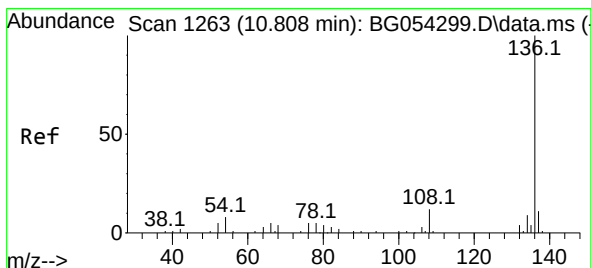
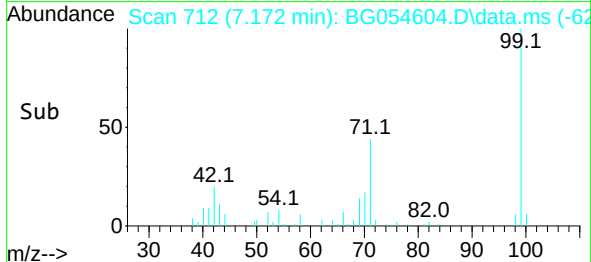
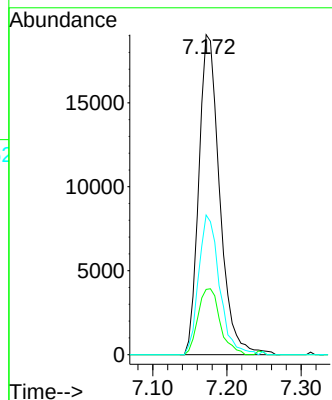
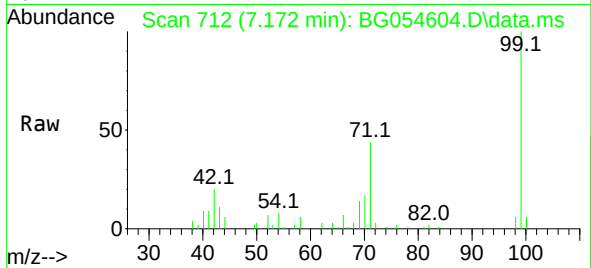




#7
Phenol-d6
Concen: 41.719 ng
RT: 7.172 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

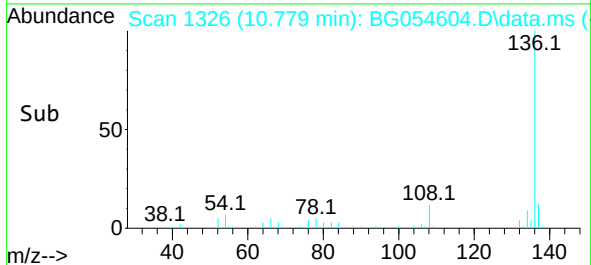
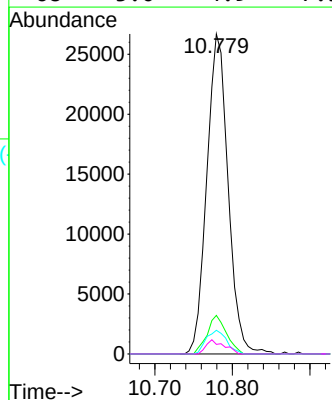
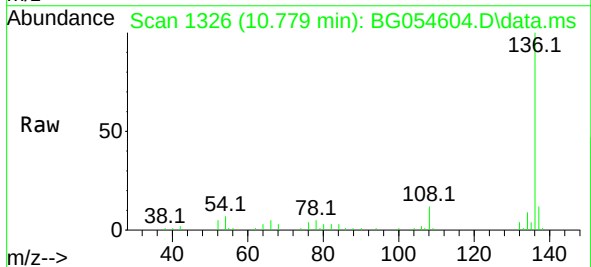
Instrument :
BNA_G
ClientSampleId :
MW-25R

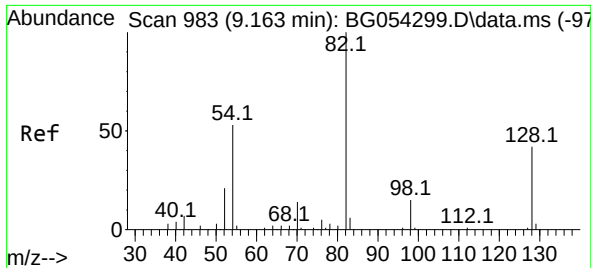
Tgt Ion: 99 Resp: 37258
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion: 136 Resp: 50891
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 7.4 7.4 11.2#
68 3.0 4.9 7.3#

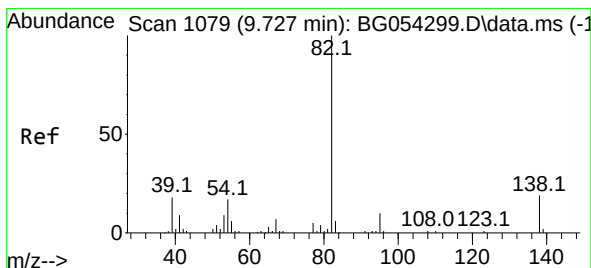
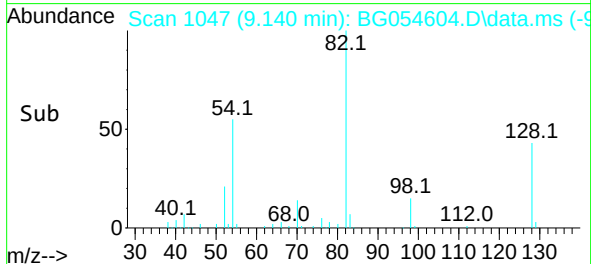
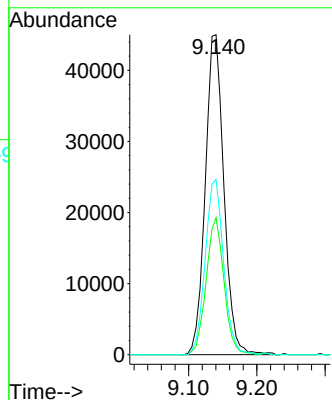
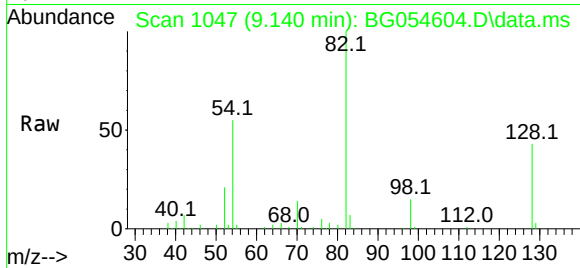




#23
Nitrobenzene-d5
Concen: 91.407 ng
RT: 9.140 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

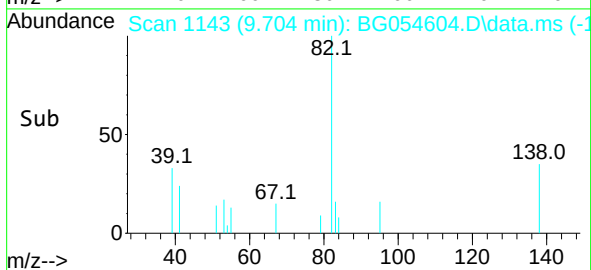
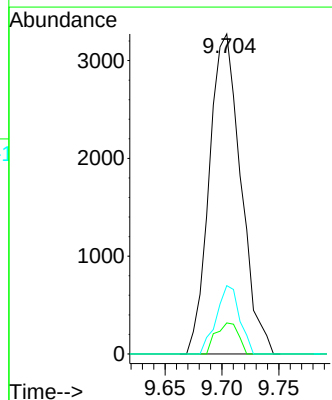
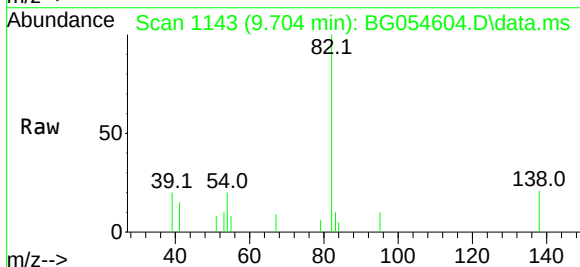
Instrument :
BNA_G
ClientSampleId :
MW-25R

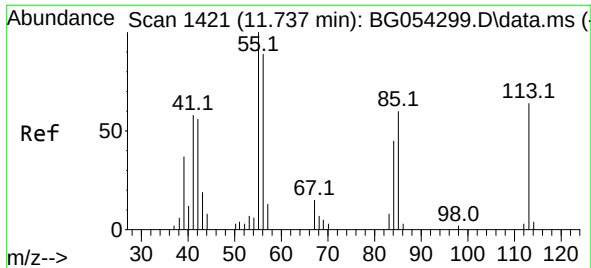
Tgt Ion: 82 Resp: 85421
Ion Ratio Lower Upper
82 100
128 42.8 27.9 41.9#
54 54.8 41.2 61.8



#25
Isophorone
Concen: 3.879 ng
RT: 9.704 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion: 82 Resp: 6305
Ion Ratio Lower Upper
82 100
95 9.7 6.2 9.4#
138 21.4 11.6 17.4#

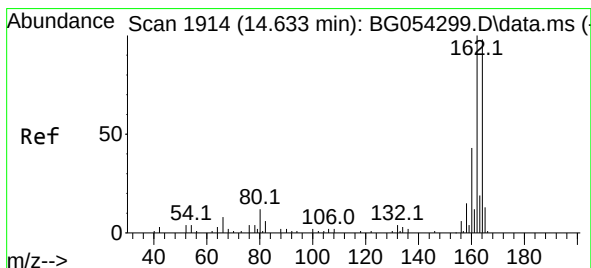
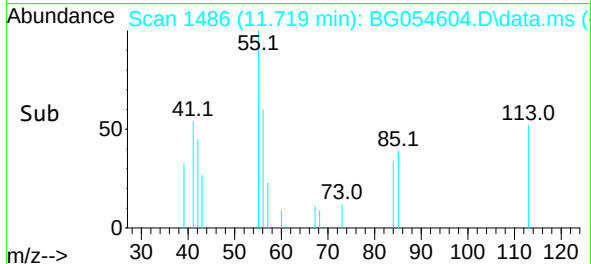
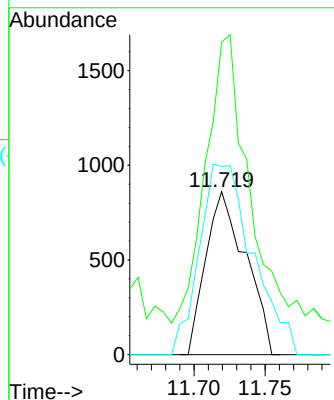
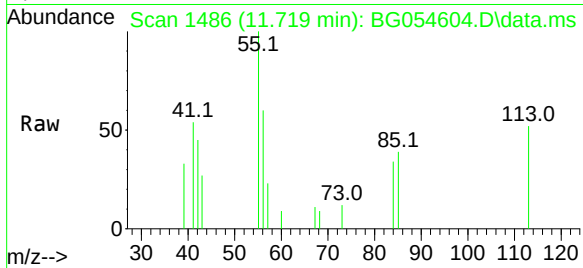




#35
 Caprolactam
 Concen: 6.926 ng
 RT: 11.719 min Scan# 1421
 Delta R.T. -0.007 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

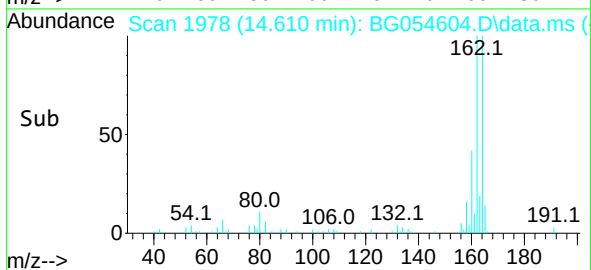
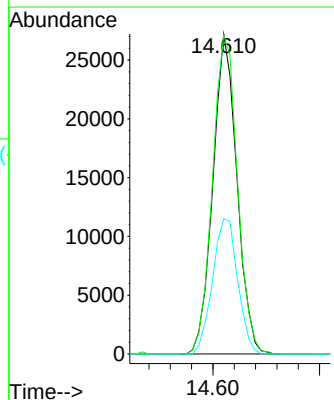
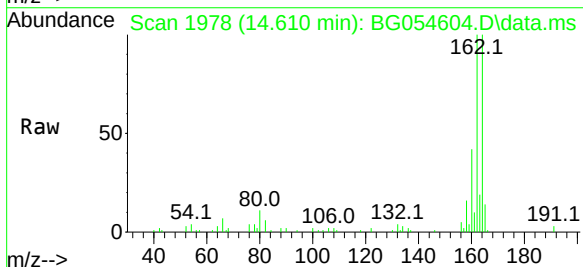
Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

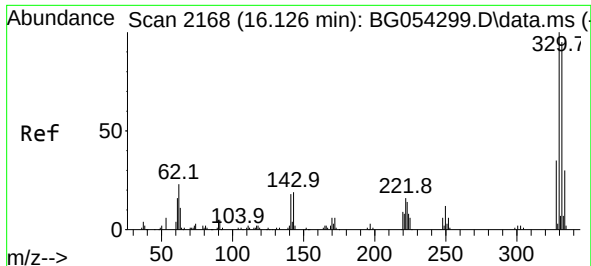
Tgt Ion:113 Resp: 1674
 Ion Ratio Lower Upper
 113 100
 55 191.8 169.8 209.8
 56 115.6 141.2 181.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.610 min Scan# 1978
 Delta R.T. -0.007 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

Tgt Ion:164 Resp: 42456
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.3 123.5
 160 42.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 137.328 ng

RT: 16.108 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054604.D

Acq: 11 Aug 2022 14:26

Instrument :

BNA_G

ClientSampleId :

MW-25R

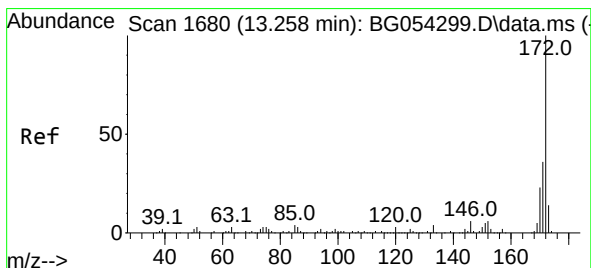
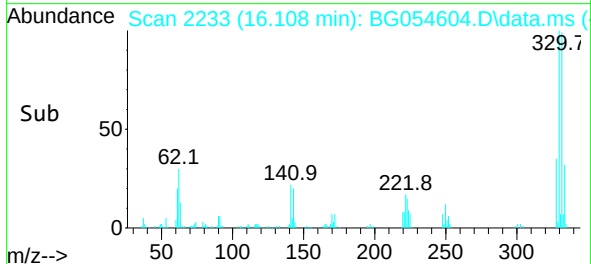
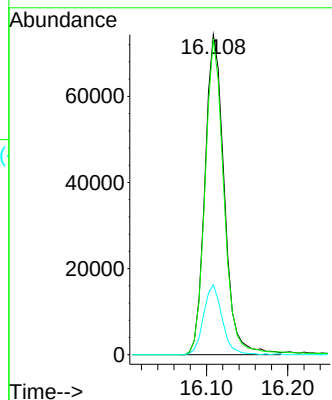
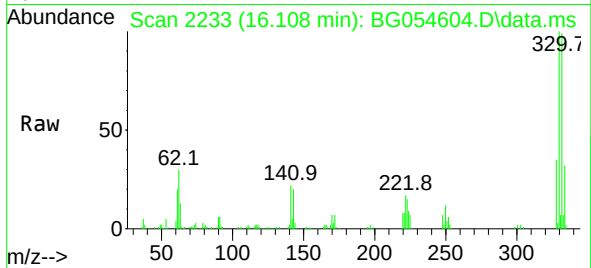
Tgt Ion:330 Resp: 122417

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 21.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 86.029 ng

RT: 13.229 min Scan# 1743

Delta R.T. -0.007 min

Lab File: BG054604.D

Acq: 11 Aug 2022 14:26

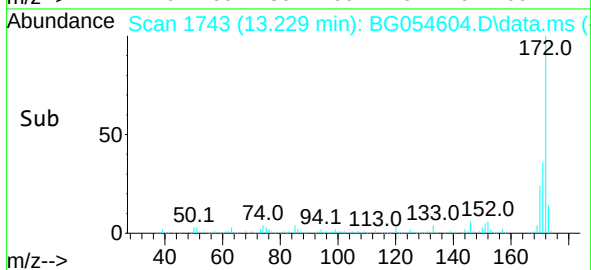
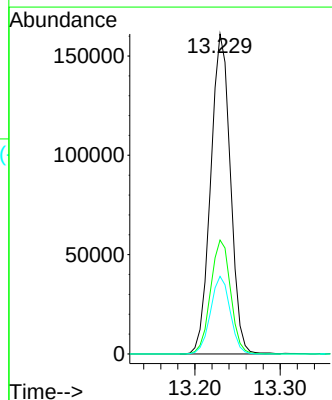
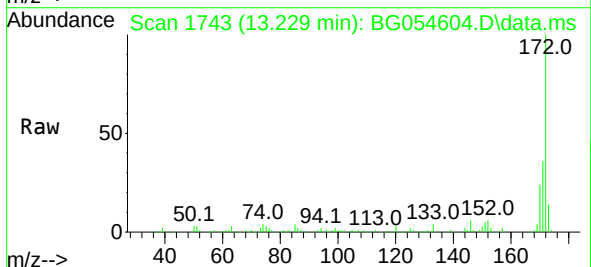
Tgt Ion:172 Resp: 258911

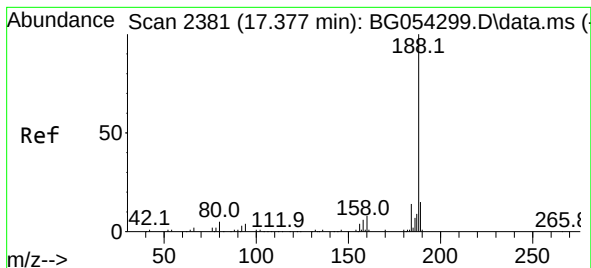
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.360 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG054604.D

Acq: 11 Aug 2022 14:26

Instrument :

BNA_G

ClientSampleId :

MW-25R

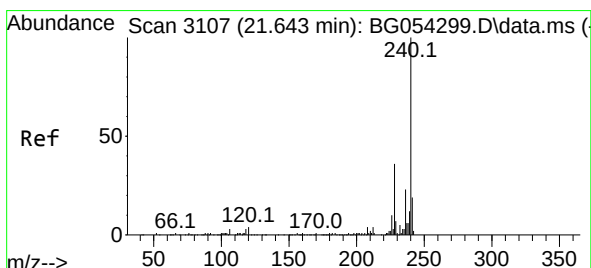
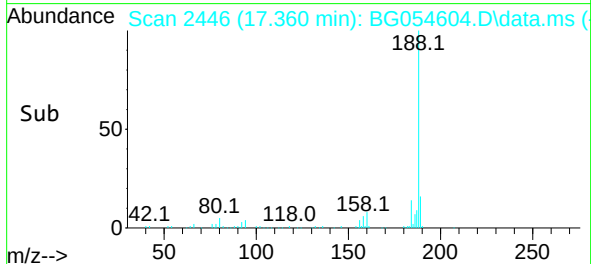
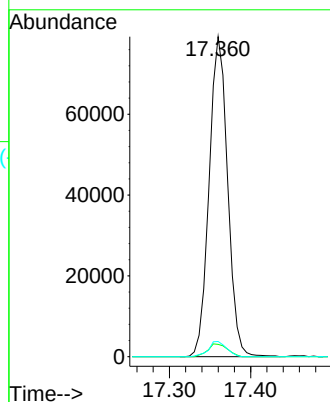
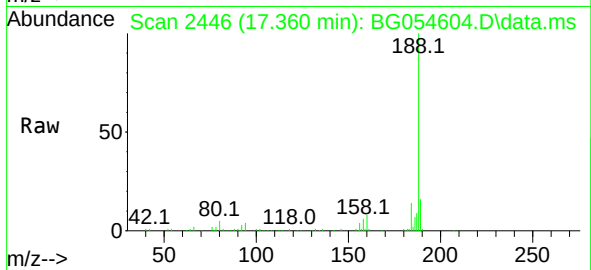
Tgt Ion:188 Resp: 125159

Ion Ratio Lower Upper

188 100

94 3.9 5.4 8.0#

80 4.7 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3172

Delta R.T. -0.007 min

Lab File: BG054604.D

Acq: 11 Aug 2022 14:26

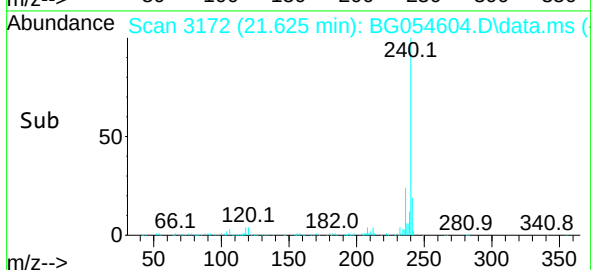
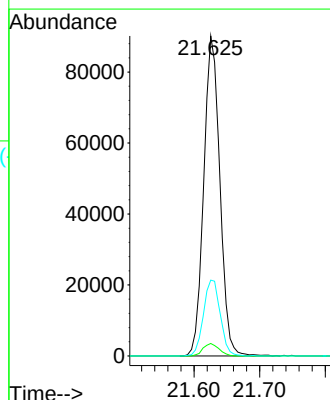
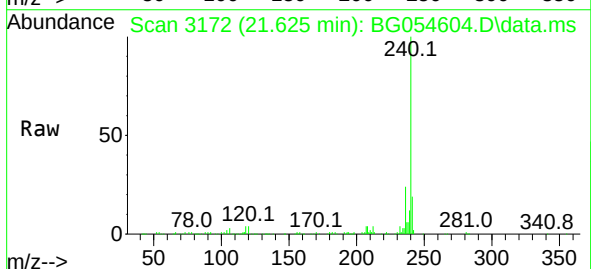
Tgt Ion:240 Resp: 154572

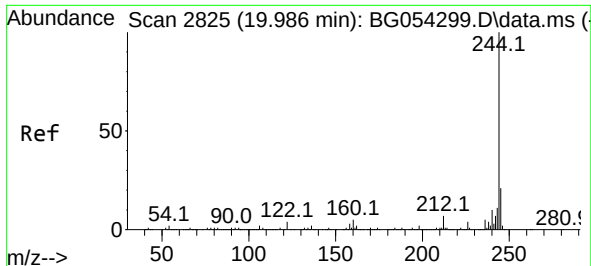
Ion Ratio Lower Upper

240 100

120 3.9 4.6 7.0#

236 23.7 20.2 30.4

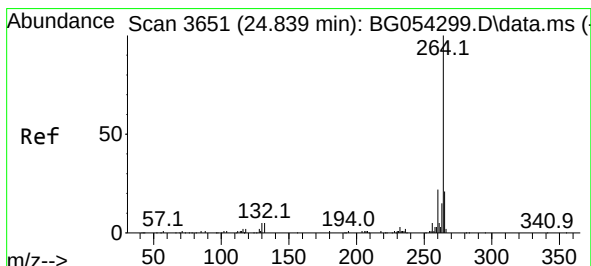
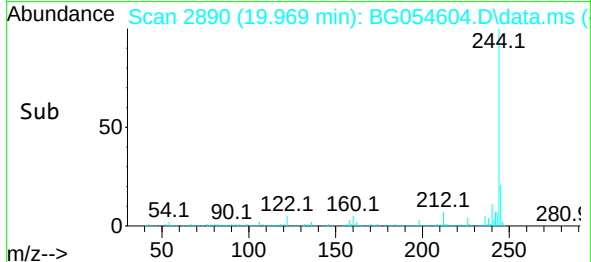
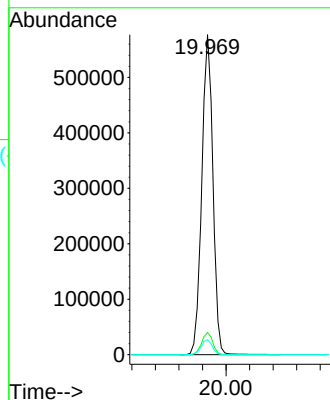
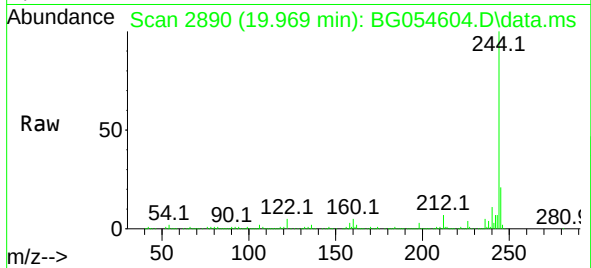




#79
 Terphenyl-d14
 Concen: 96.858 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

Tgt Ion:244 Resp: 754687
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.828 min Scan# 3717
 Delta R.T. -0.007 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

Tgt Ion:264 Resp: 157568
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.0 17.4 26.2

