

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054602.D
 Acq On : 11 Aug 2022 13:04
 Operator : CG/JU
 Sample : N3971-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23R

Quant Time: Aug 12 06:01:44 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)

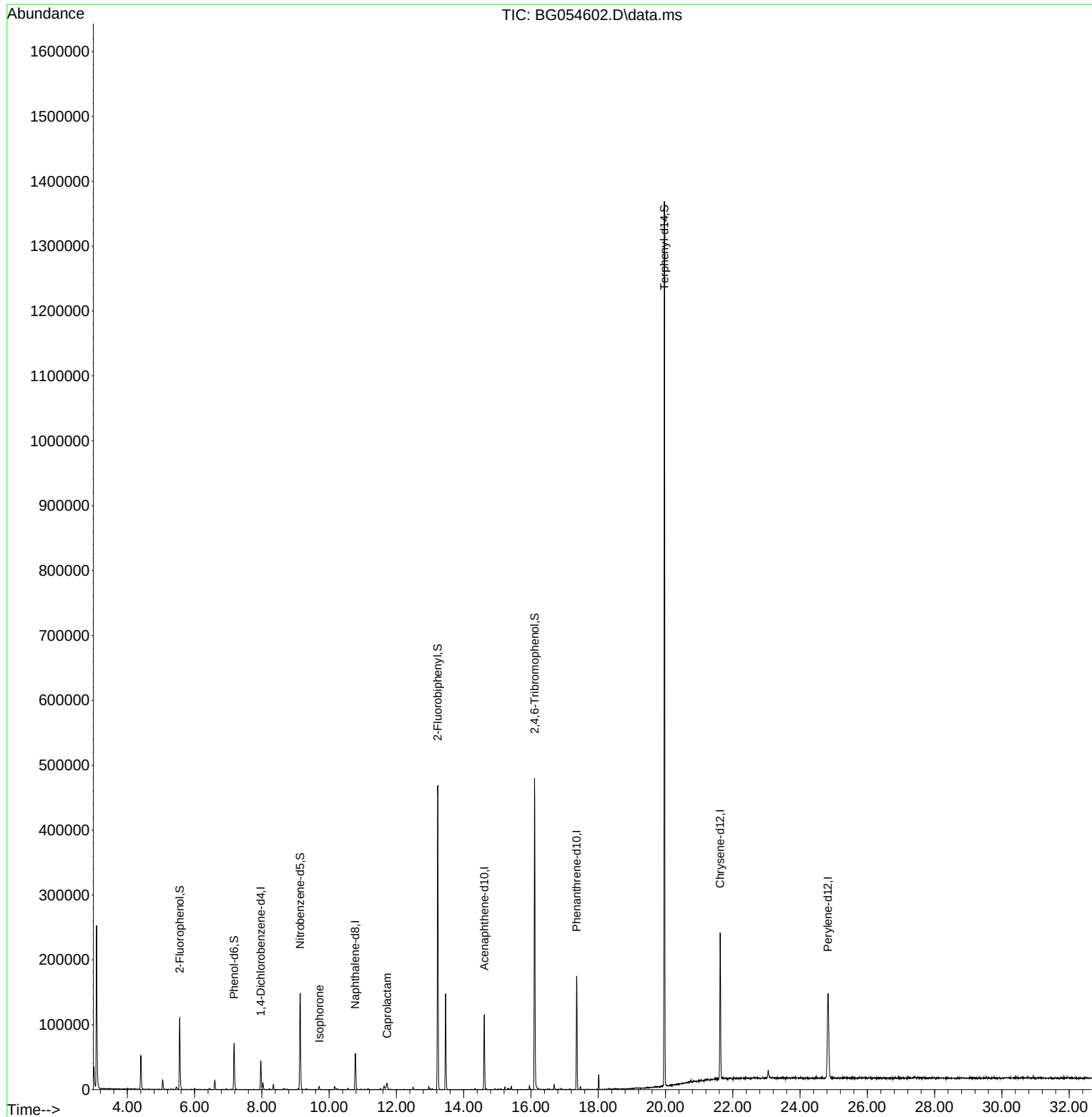
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	14094	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	54138	20.000	ng	# 0.00
39) Acenaphthene-d10	14.614	164	45770	20.000	ng	0.00
64) Phenanthrene-d10	17.358	188	131384	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	160762	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	167076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	52836	78.271	ng	0.00
7) Phenol-d6	7.176	99	43717	47.263	ng	0.00
23) Nitrobenzene-d5	9.139	82	91554	92.094	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	129985	135.260	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	273699	84.358	ng	0.00
79) Terphenyl-d14	19.967	244	782358	96.543	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.708	82	3962	2.292	ng	# 95
35) Caprolactam	11.724	113	2186	8.502	ng	# 80

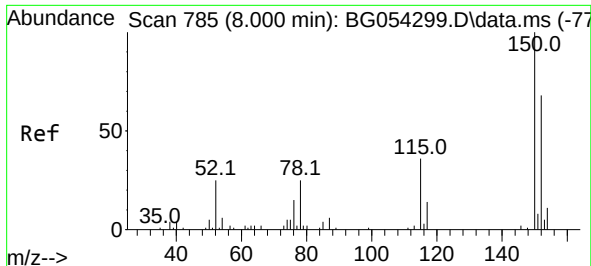
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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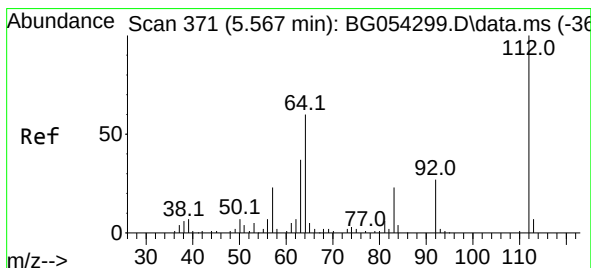
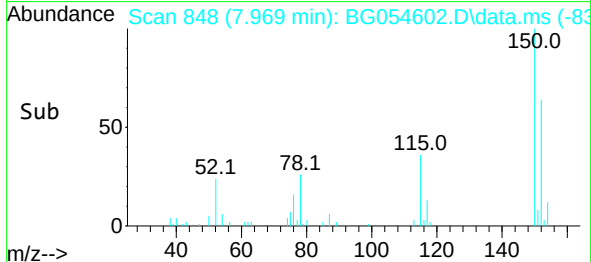
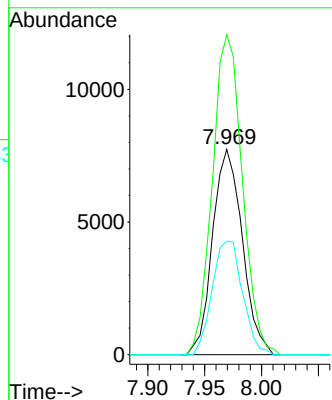
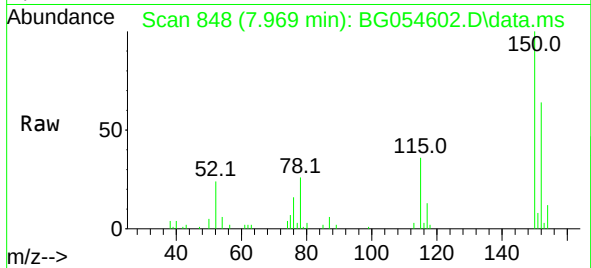




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG054602.D
 Acq: 11 Aug 2022 13:04

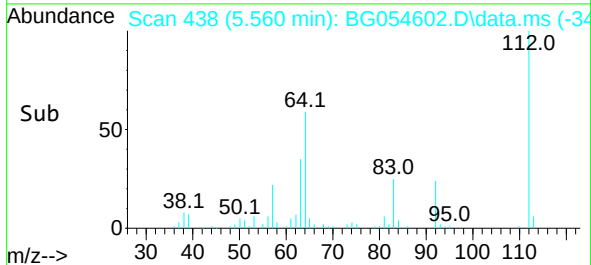
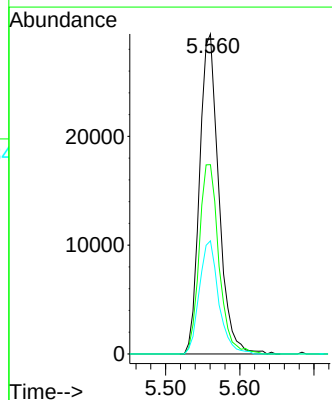
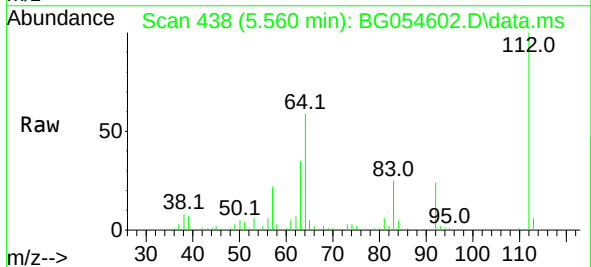
Instrument :
 BNA_G
 ClientSampleId :
 MW-23R

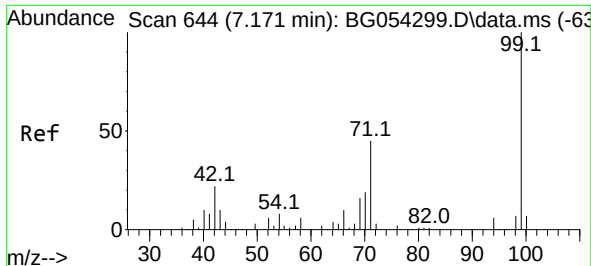
Tgt Ion:152 Resp: 14094
 Ion Ratio Lower Upper
 152 100
 150 155.9 131.6 197.4
 115 55.4 50.9 76.3



#5
 2-Fluorophenol
 Concen: 78.271 ng
 RT: 5.560 min Scan# 438
 Delta R.T. -0.003 min
 Lab File: BG054602.D
 Acq: 11 Aug 2022 13:04

Tgt Ion:112 Resp: 52836
 Ion Ratio Lower Upper
 112 100
 64 59.2 55.1 82.7
 63 35.4 30.4 45.6

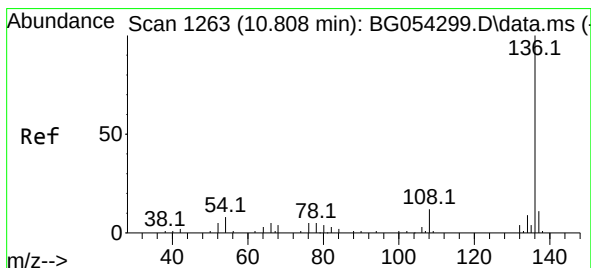
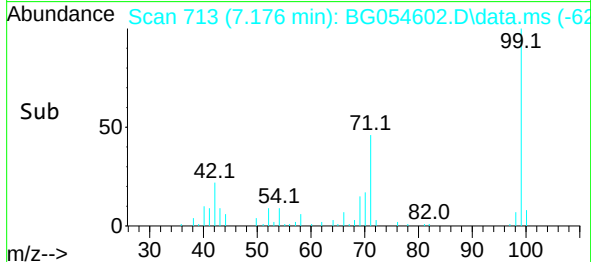
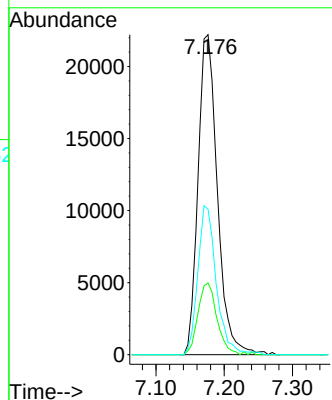
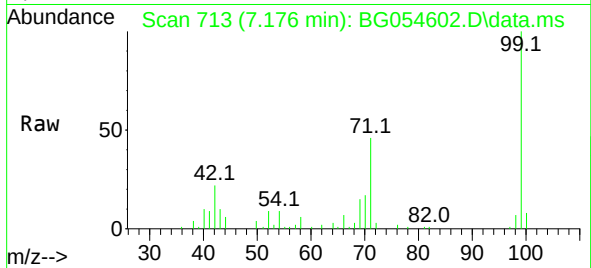




#7
Phenol-d6
Concen: 47.263 ng
RT: 7.176 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

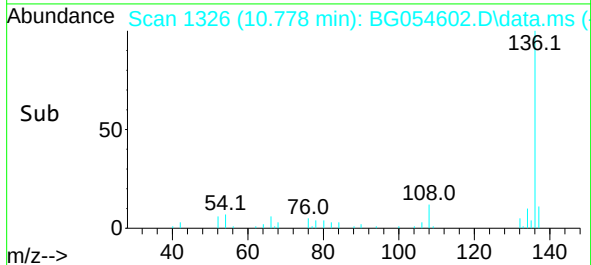
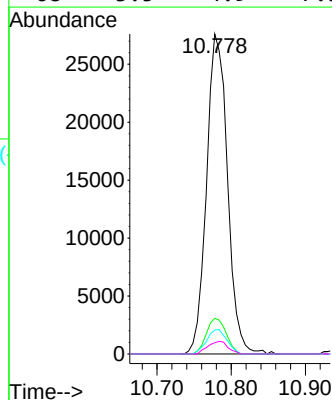
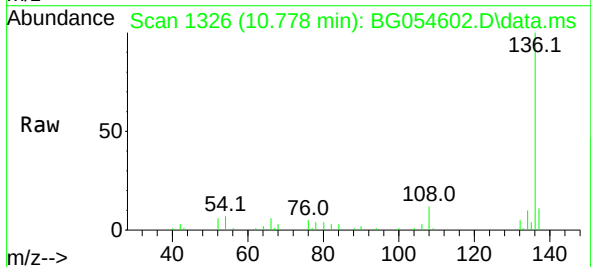
Instrument :
BNA_G
ClientSampleId :
MW-23R

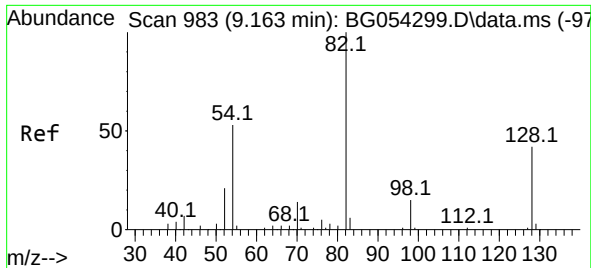
Tgt Ion: 99 Resp: 43717
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 45.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. -0.009 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

Tgt Ion: 136 Resp: 54138
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.5 7.4 11.2
68 3.5 4.9 7.3#

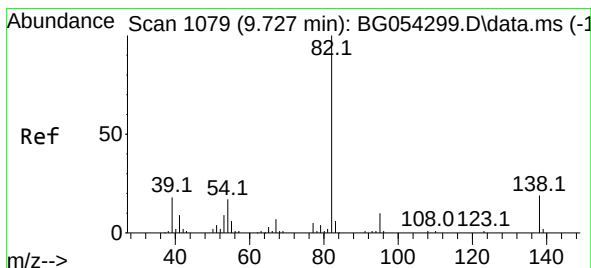
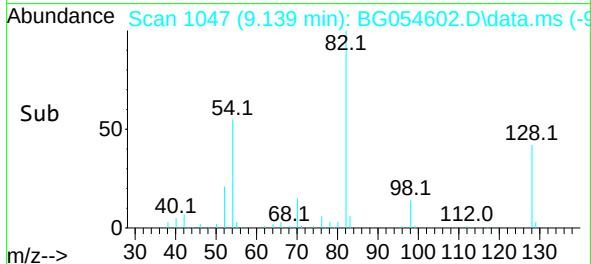
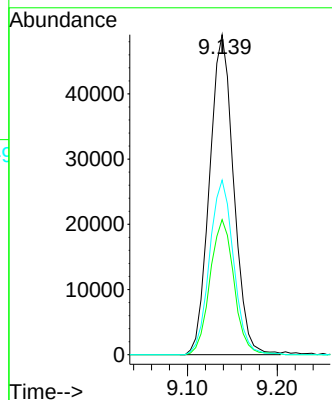
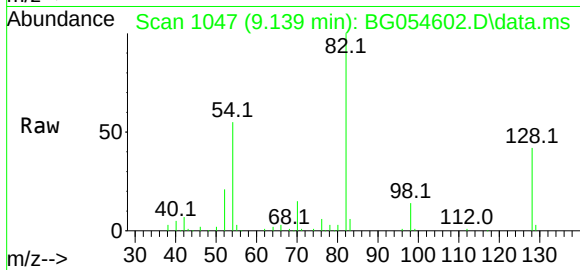




#23
Nitrobenzene-d5
Concen: 92.094 ng
RT: 9.139 min Scan# 1144
Delta R.T. -0.003 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

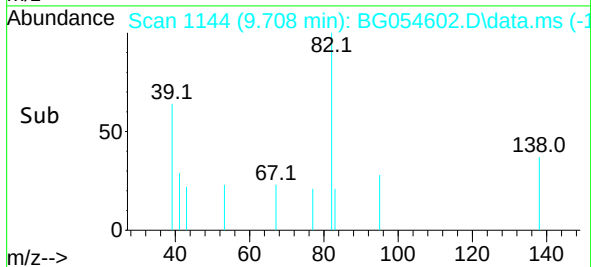
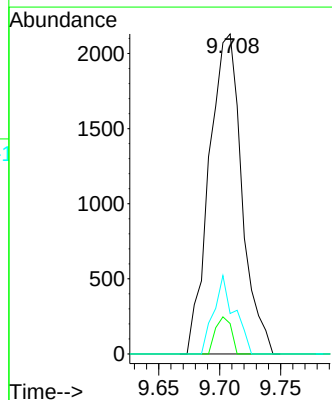
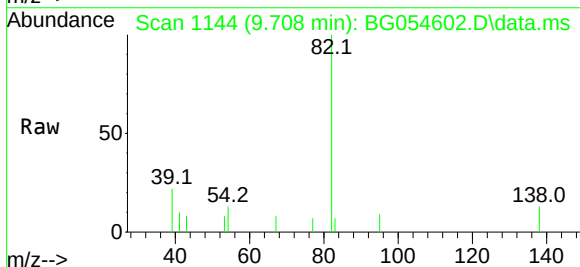
Instrument :
BNA_G
ClientSampleId :
MW-23R

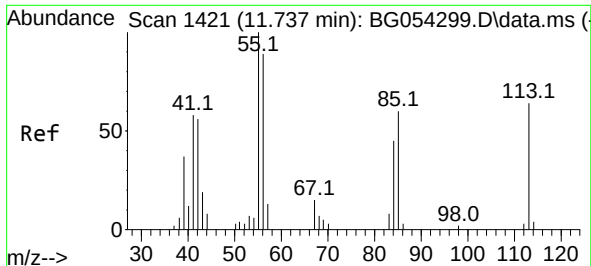
Tgt Ion: 82 Resp: 91554
Ion Ratio Lower Upper
82 100
128 42.2 27.9 41.9#
54 54.5 41.2 61.8



#25
Isophorone
Concen: 2.292 ng
RT: 9.708 min Scan# 1144
Delta R.T. 0.003 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

Tgt Ion: 82 Resp: 3962
Ion Ratio Lower Upper
82 100
95 9.5 6.2 9.4#
138 12.6 11.6 17.4

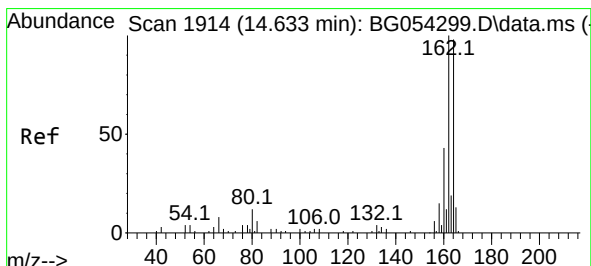
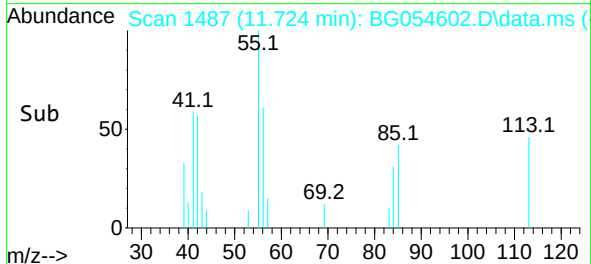
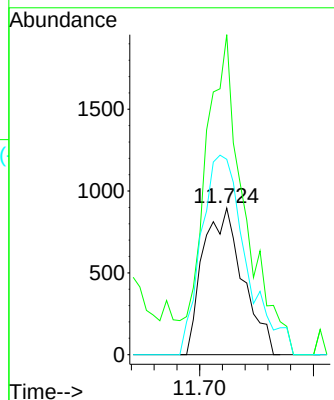
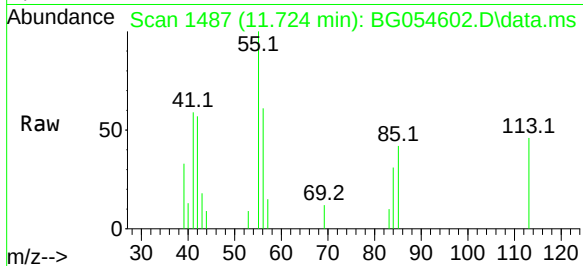




#35
 Caprolactam
 Concen: 8.502 ng
 RT: 11.724 min Scan# 1421
 Delta R.T. -0.003 min
 Lab File: BG054602.D
 Acq: 11 Aug 2022 13:04

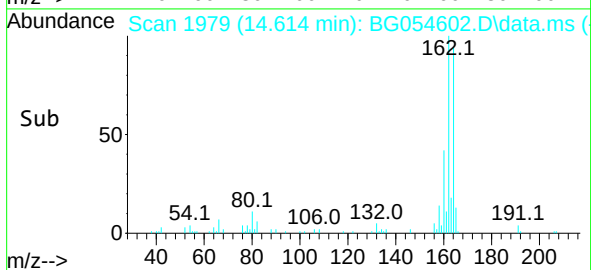
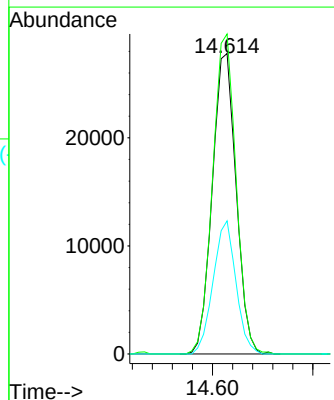
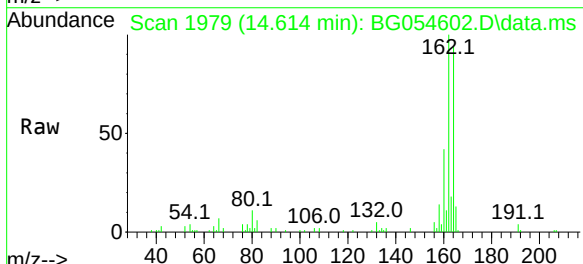
Instrument :
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 ClientSampleId :
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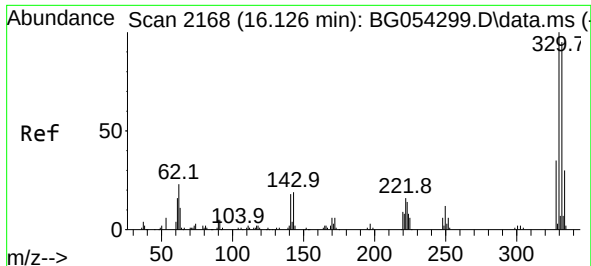
Tgt Ion:113 Resp: 2186
 Ion Ratio Lower Upper
 113 100
 55 218.3 169.8 209.8#
 56 133.3 141.2 181.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.614 min Scan# 1979
 Delta R.T. -0.003 min
 Lab File: BG054602.D
 Acq: 11 Aug 2022 13:04

Tgt Ion:164 Resp: 45770
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.3 123.5
 160 44.3 34.2 51.2

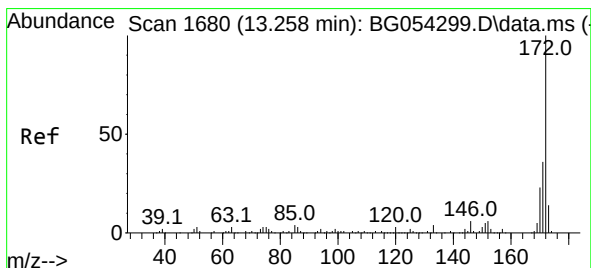
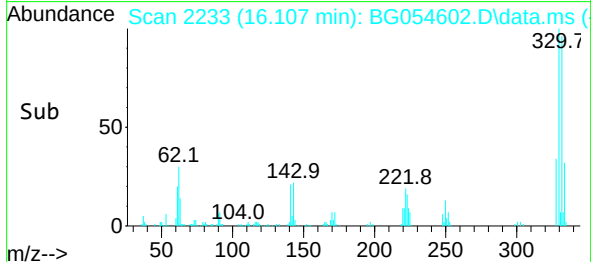
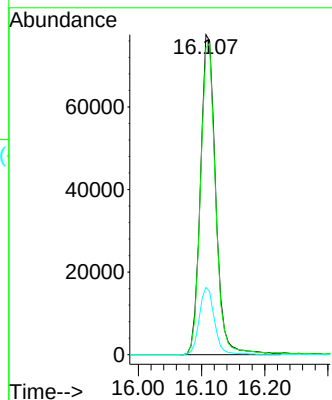
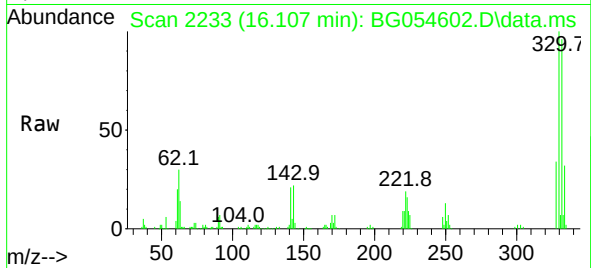




#42
2,4,6-Tribromophenol
Concen: 135.260 ng
RT: 16.107 min Scan# 2168
Delta R.T. -0.009 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

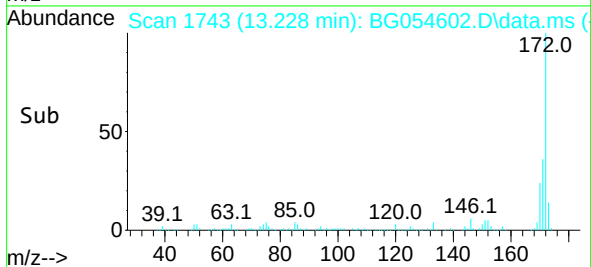
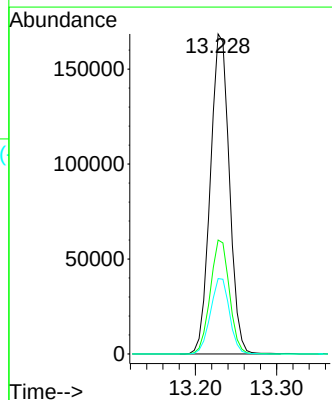
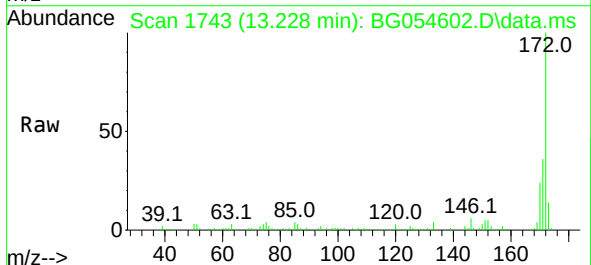
Instrument :
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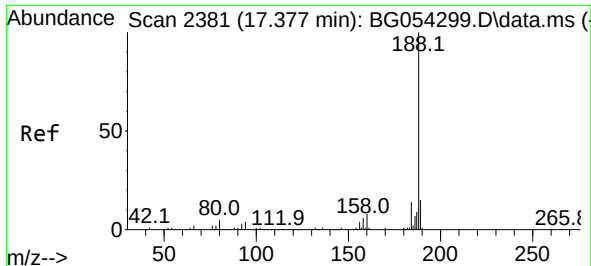
Tgt Ion:330 Resp: 129985
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 20.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 84.358 ng
RT: 13.228 min Scan# 1743
Delta R.T. -0.009 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

Tgt Ion:172 Resp: 273699
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 18.9 28.3

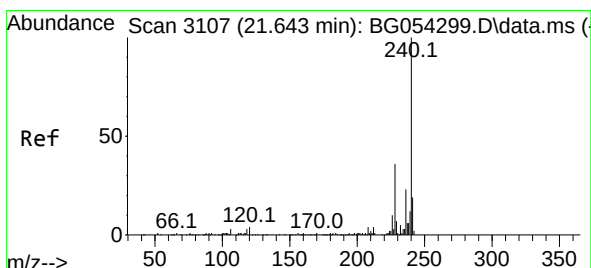
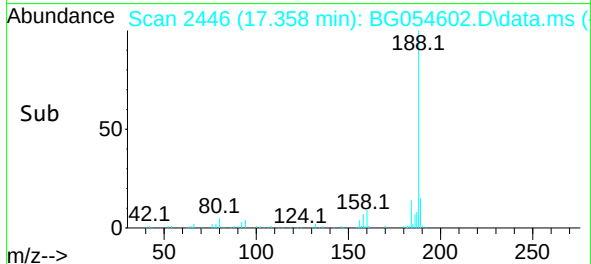
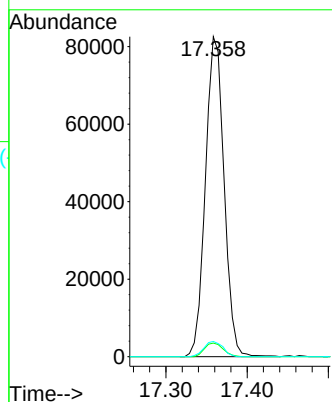
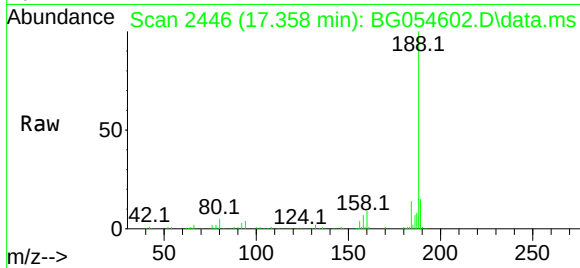




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.358 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

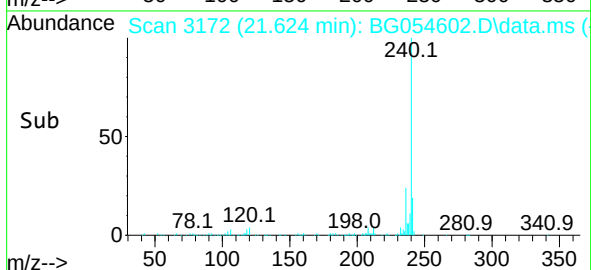
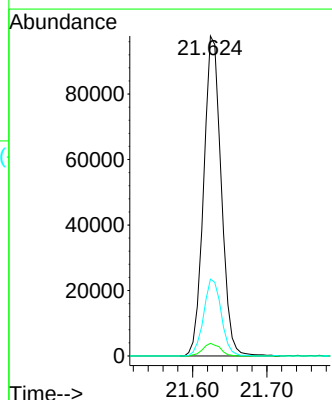
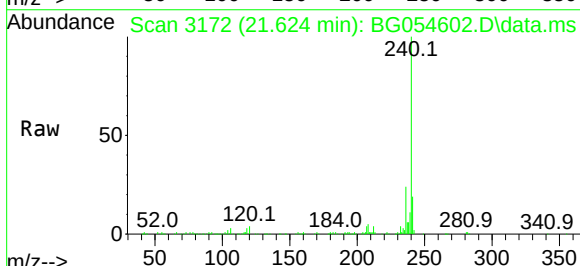
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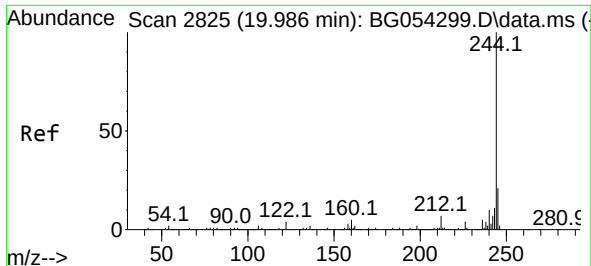
Tgt Ion:188 Resp: 131384
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG054602.D
Acq: 11 Aug 2022 13:04

Tgt Ion:240 Resp: 160762
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.0 20.2 30.4

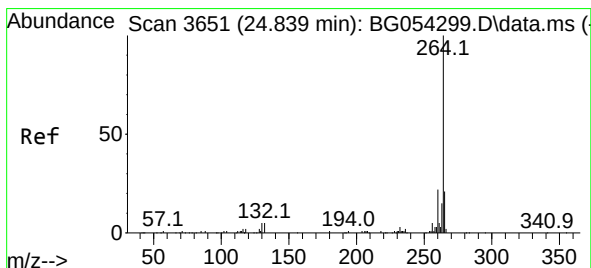
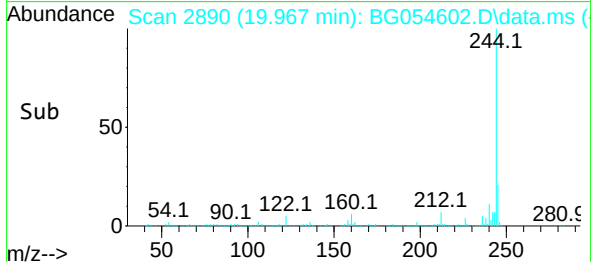
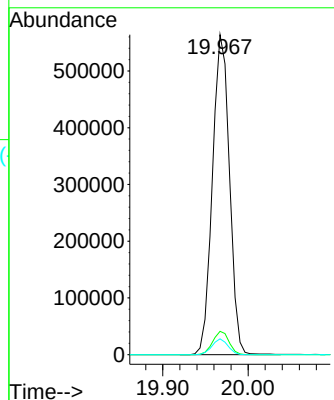
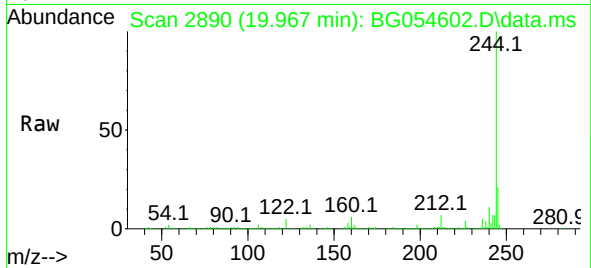




#79
 Terphenyl-d14
 Concen: 96.543 ng
 RT: 19.967 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054602.D
 Acq: 11 Aug 2022 13:04

Instrument :
 BNA_G
 ClientSampleId :
 MW-23R

Tgt Ion:244 Resp: 782358
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.0 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.826 min Scan# 3717
 Delta R.T. -0.009 min
 Lab File: BG054602.D
 Acq: 11 Aug 2022 13:04

Tgt Ion:264 Resp: 167076
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.9 17.4 26.2

