

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054773.D
 Acq On : 29 Aug 2022 15:17
 Operator : CG/JU
 Sample : N4355-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-36

Quant Time: Aug 30 02:47:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	51952	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	215109	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	143591	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	321091	20.000	ng	0.00
76) Chrysene-d12	21.816	240	310514	20.000	ng	-0.01
86) Perylene-d12	25.176	264	325839	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	185487	62.173	ng	0.00
7) Phenol-d6	7.291	99	172676	42.322	ng	0.00
23) Nitrobenzene-d5	9.324	82	346163	84.480	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	246310	137.276	ng	-0.01
45) 2-Fluorobiphenyl	13.408	172	811925	84.987	ng	0.00
79) Terphenyl-d14	20.123	244	1225121	78.175	ng	-0.01

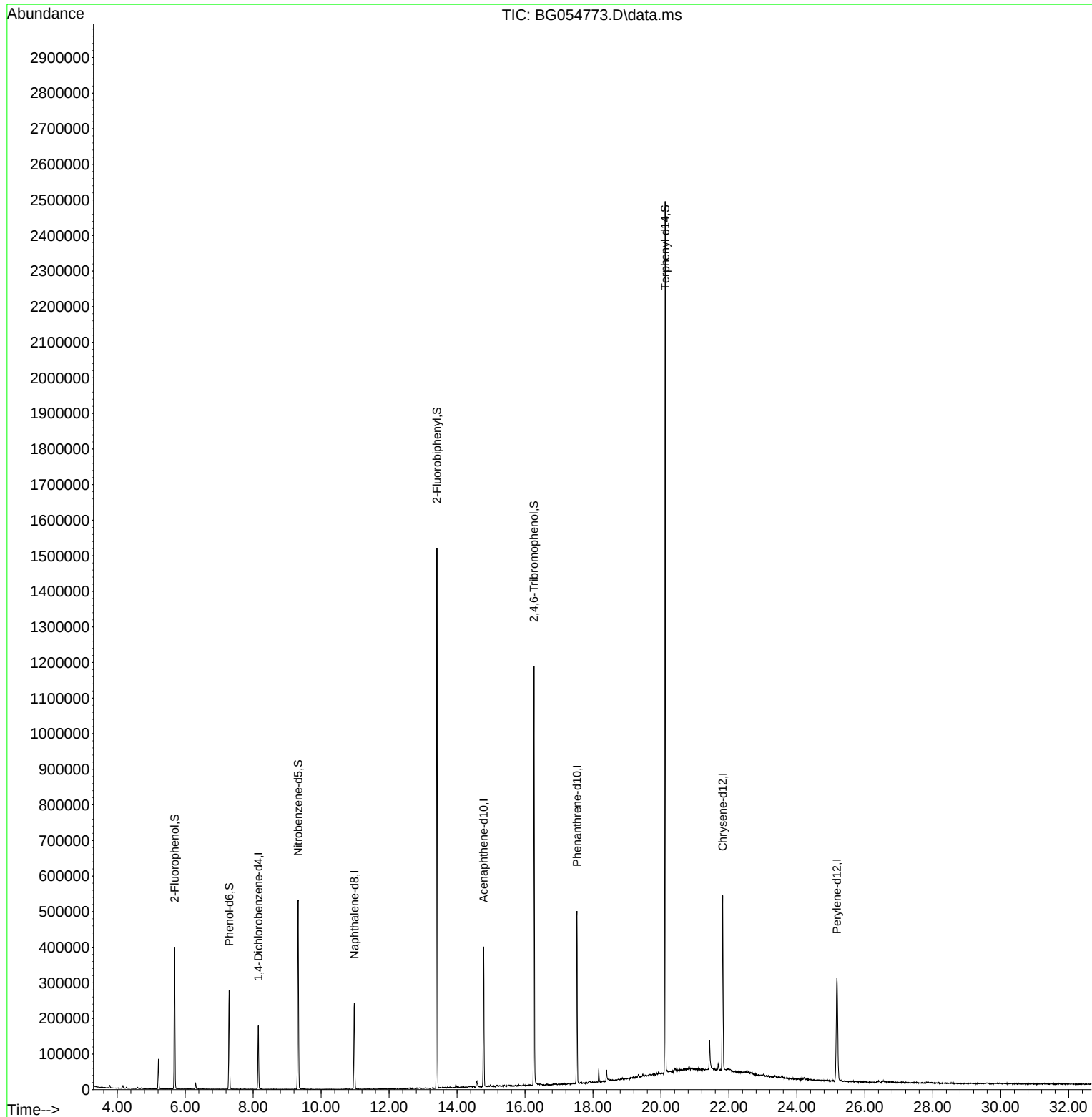
Target Compounds Qvalue

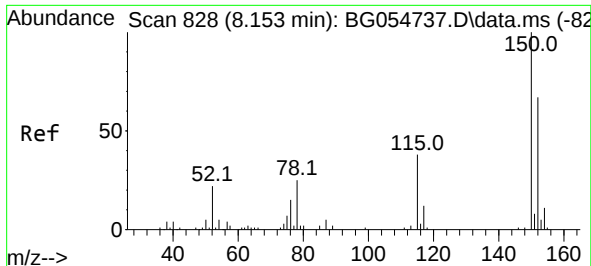
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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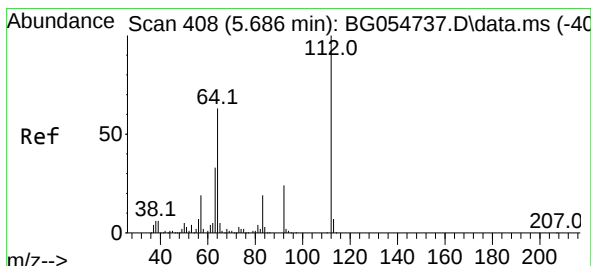
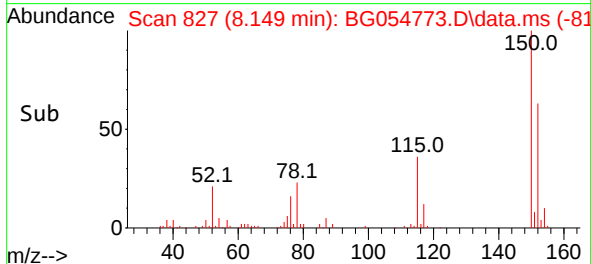
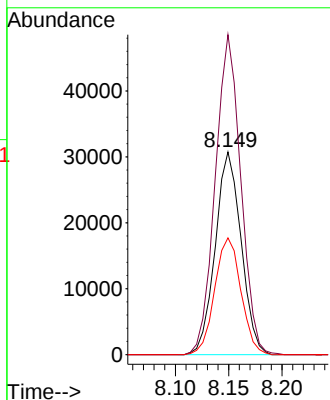
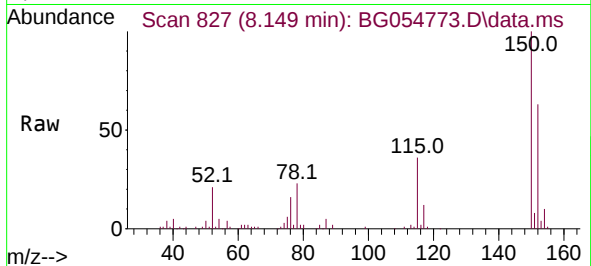




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

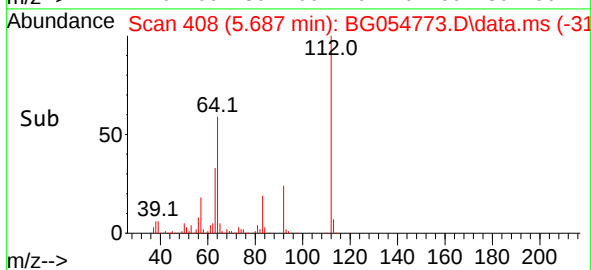
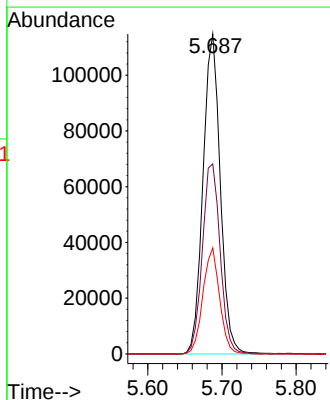
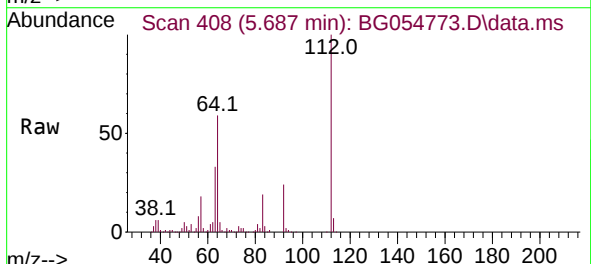
Instrument :
BNA_G
ClientSampleId :
MW-36

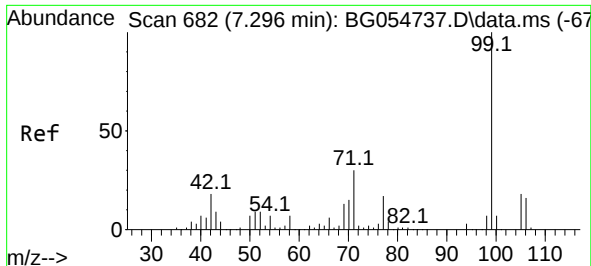
Tgt Ion:152 Resp: 51952
Ion Ratio Lower Upper
152 100
150 157.9 125.2 187.8
115 57.6 47.9 71.9



#5
2-Fluorophenol
Concen: 62.173 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:112 Resp: 185487
Ion Ratio Lower Upper
112 100
64 59.4 49.3 73.9
63 33.1 26.3 39.5

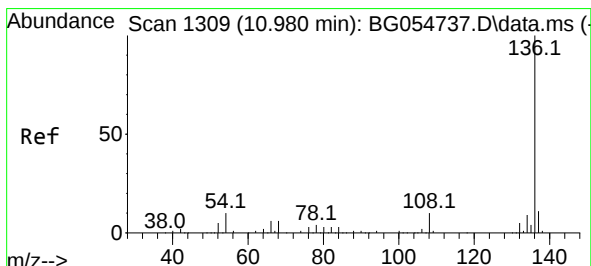
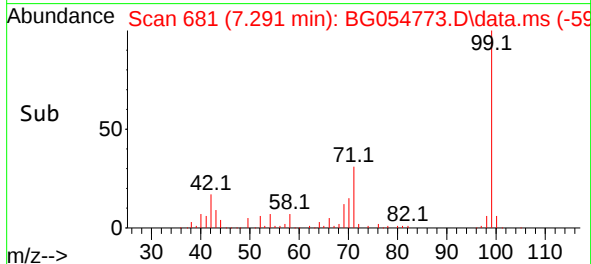
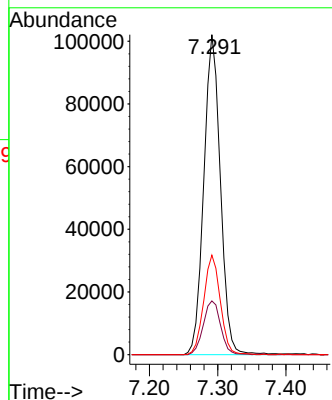
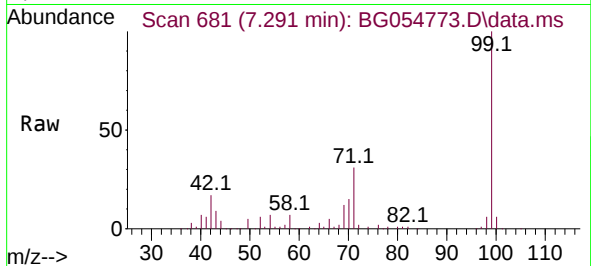




#7
Phenol-d6
Concen: 42.322 ng
RT: 7.291 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

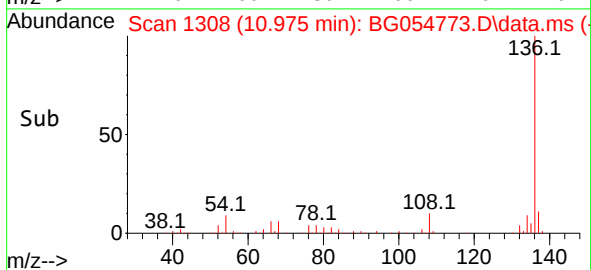
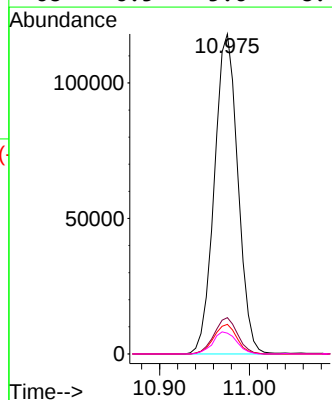
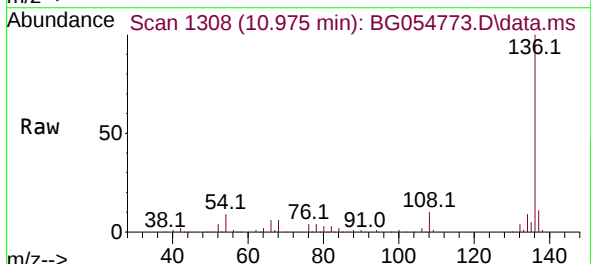
Instrument :
BNA_G
ClientSampleId :
MW-36

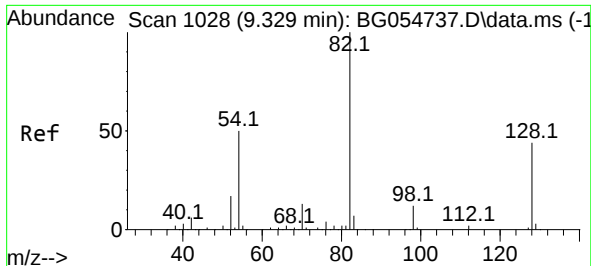
Tgt Ion: 99 Resp: 172676
Ion Ratio Lower Upper
99 100
42 16.8 14.6 22.0
71 31.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion: 136 Resp: 215109
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.2 7.7 11.5
68 6.5 5.6 8.4

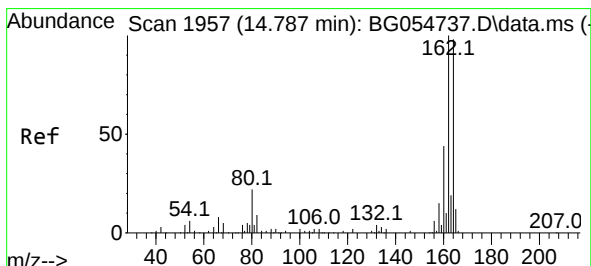
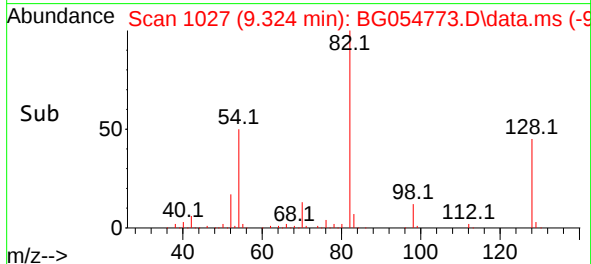
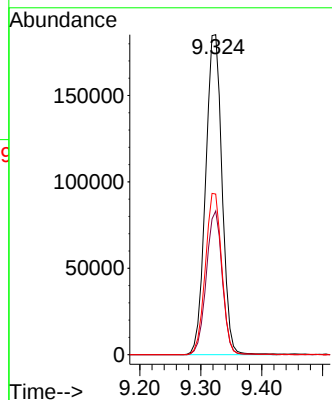
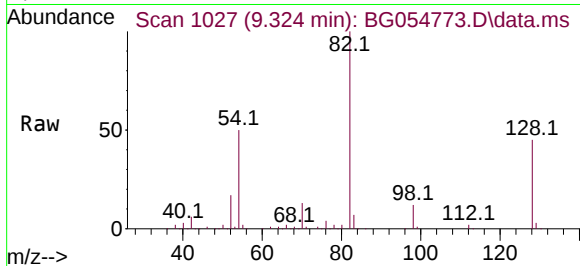




#23
Nitrobenzene-d5
Concen: 84.480 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

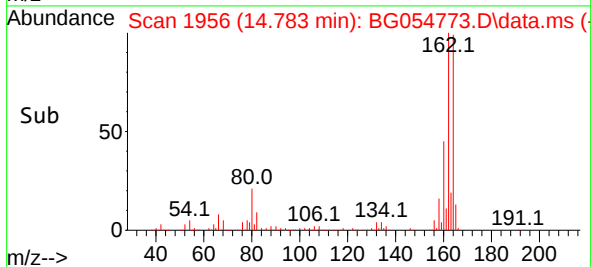
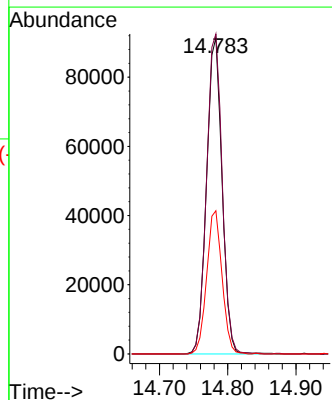
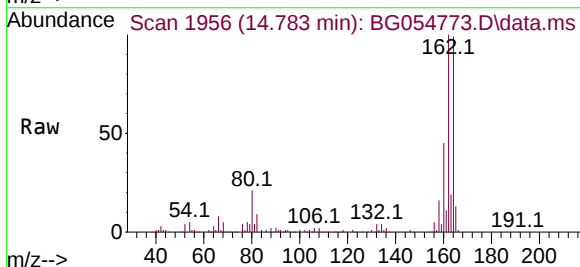
Instrument :
BNA_G
ClientSampleId :
MW-36

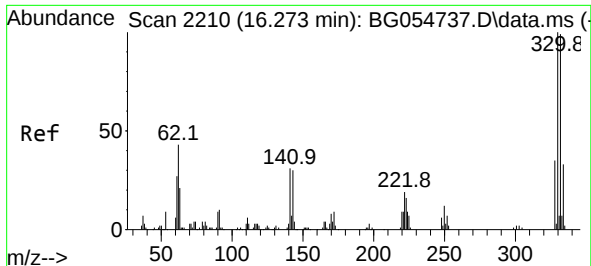
Tgt Ion: 82 Resp: 346163
Ion Ratio Lower Upper
82 100
128 44.9 32.2 48.2
54 50.2 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion: 164 Resp: 143591
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.4
160 45.2 38.0 57.0

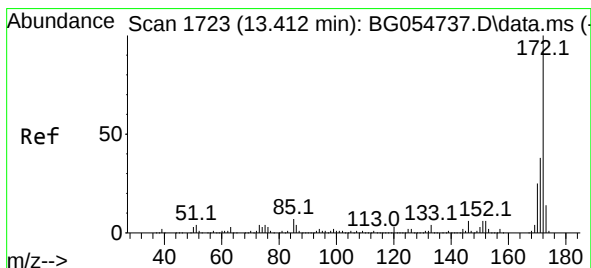
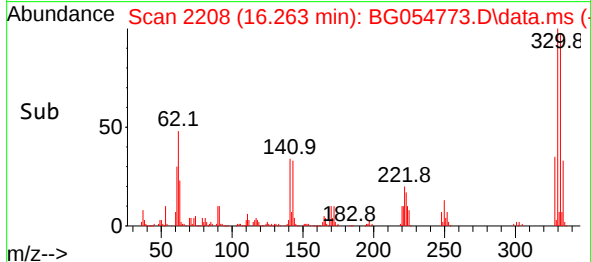
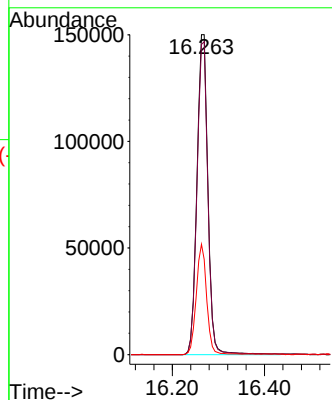
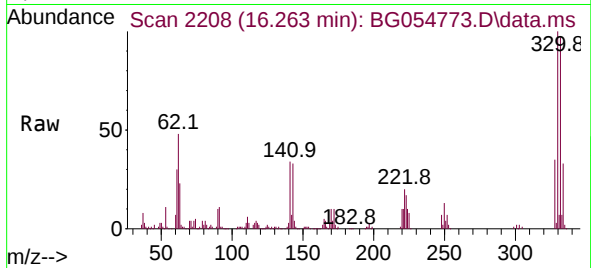




#42
2,4,6-Tribromophenol
Concen: 137.276 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

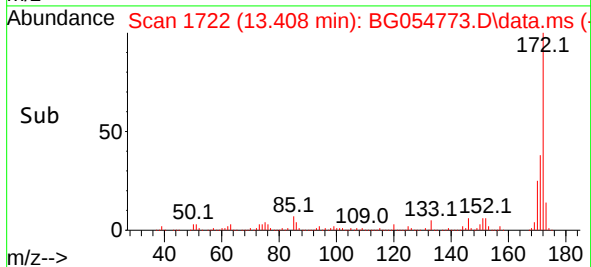
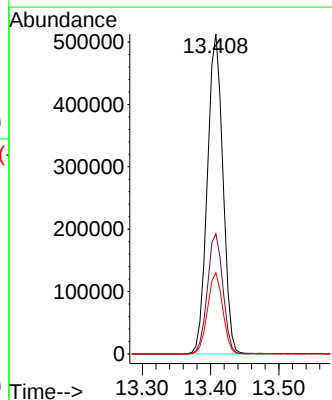
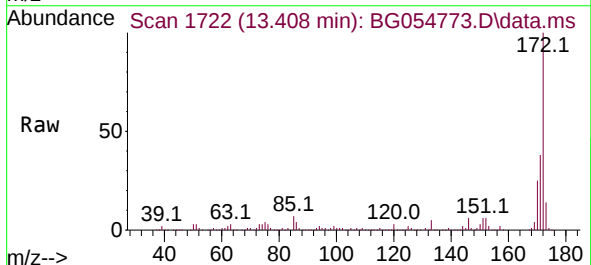
Instrument :
BNA_G
ClientSampleId :
MW-36

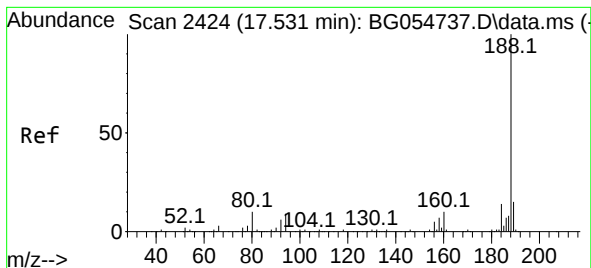
Tgt Ion:330 Resp: 246310
Ion Ratio Lower Upper
330 100
332 96.6 79.8 119.6
141 32.8 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 84.987 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:172 Resp: 811925
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.527 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG054773.D

Acq: 29 Aug 2022 15:17

Instrument :

BNA_G

ClientSampleId :

MW-36

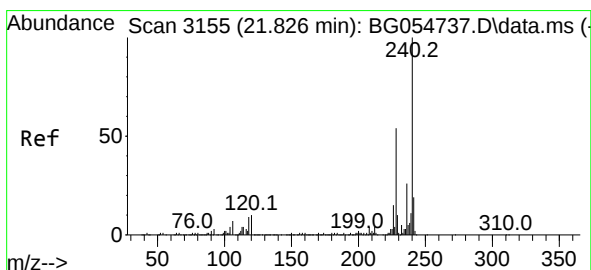
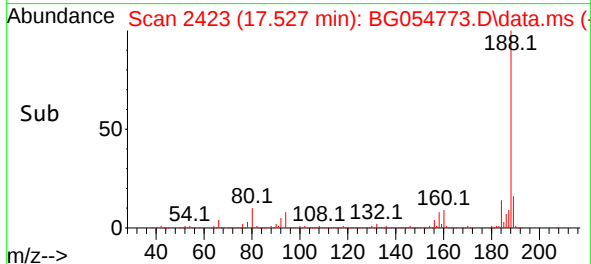
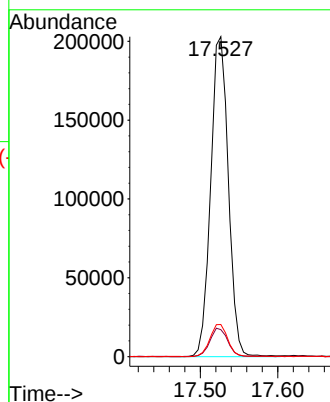
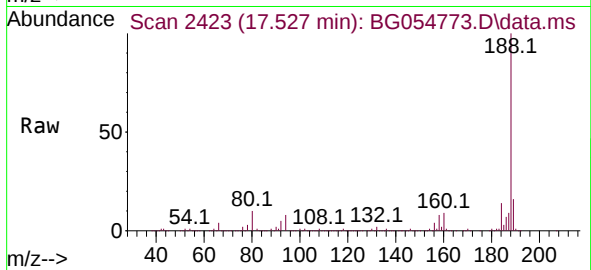
Tgt Ion:188 Resp: 321091

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 10.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.816 min Scan# 3153

Delta R.T. -0.010 min

Lab File: BG054773.D

Acq: 29 Aug 2022 15:17

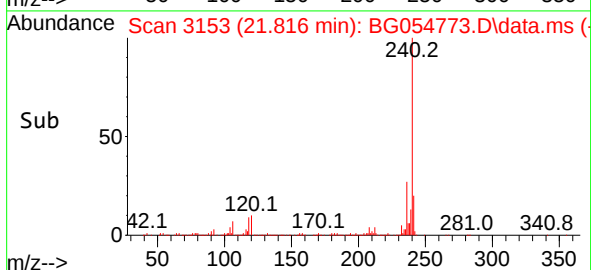
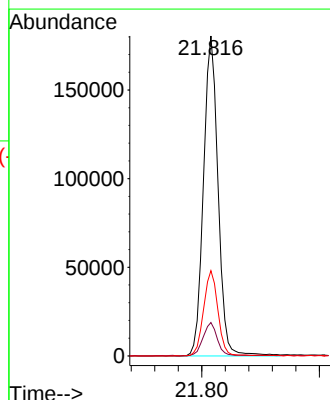
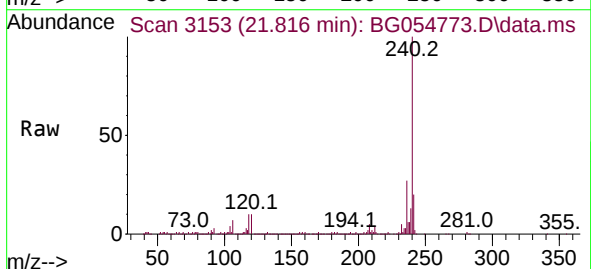
Tgt Ion:240 Resp: 310514

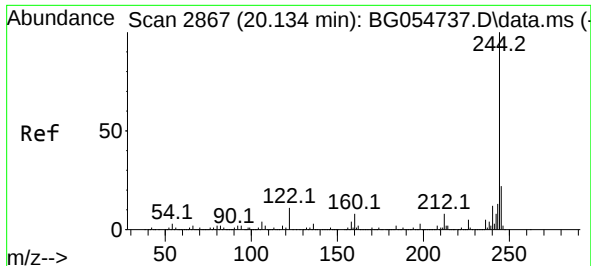
Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.4

236 26.6 21.2 31.8

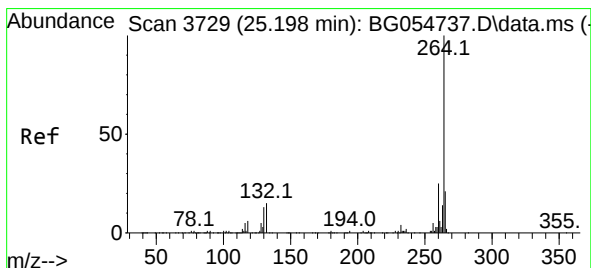
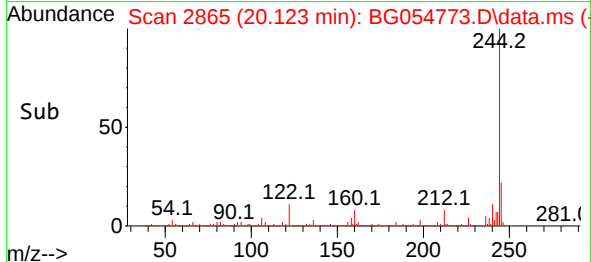
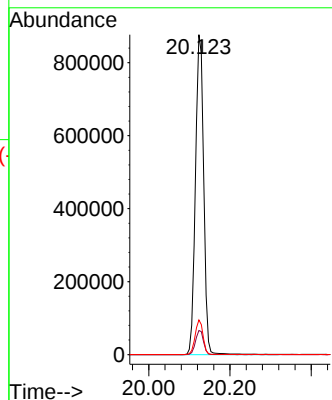
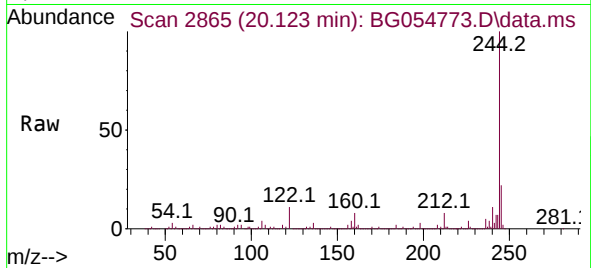




#79
 Terphenyl-d14
 Concen: 78.175 ng
 RT: 20.123 min Scan# 2865
 Delta R.T. -0.010 min
 Lab File: BG054773.D
 Acq: 29 Aug 2022 15:17

Instrument :
 BNA_G
 ClientSampleId :
 MW-36

Tgt Ion:244 Resp: 1225121
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.176 min Scan# 3725
 Delta R.T. -0.022 min
 Lab File: BG054773.D
 Acq: 29 Aug 2022 15:17

Tgt Ion:264 Resp: 325839
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.9 29.9
 265 21.9 16.9 25.3

