

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054588.D
 Acq On : 10 Aug 2022 14:45
 Operator : CG/JU
 Sample : N4117-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080322-A

Quant Time: Aug 10 15:20:32 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	20763	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	80957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	59815	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	146955	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	167301	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	177230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	57894	58.217	ng	0.00
7) Phenol-d6	7.178	99	79053	58.014	ng	0.00
23) Nitrobenzene-d5	9.140	82	54894	36.925	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	59036	47.007	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	166393	39.243	ng	0.00
79) Terphenyl-d14	19.969	244	347702	41.229	ng	0.00

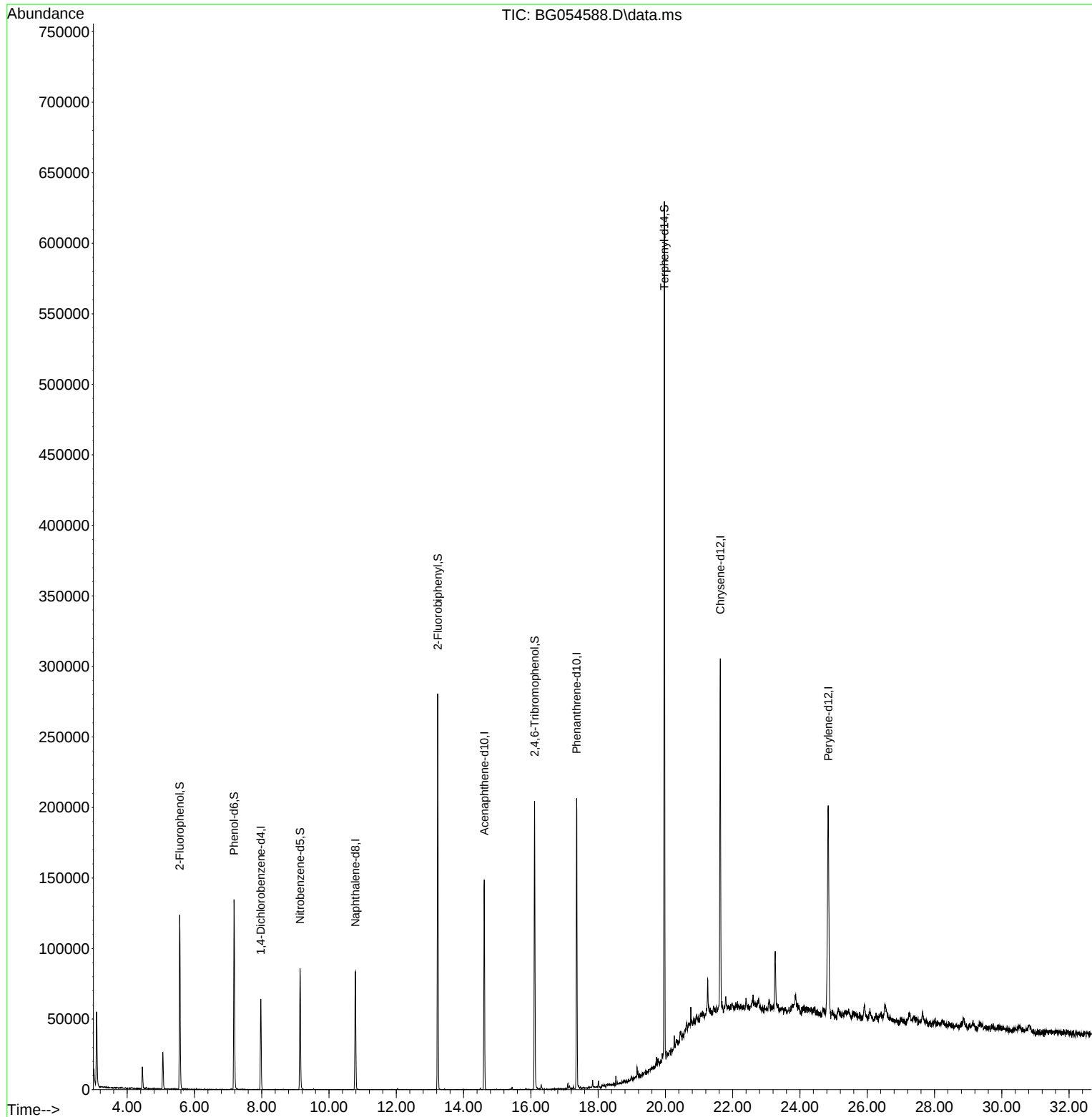
Target Compounds Qvalue

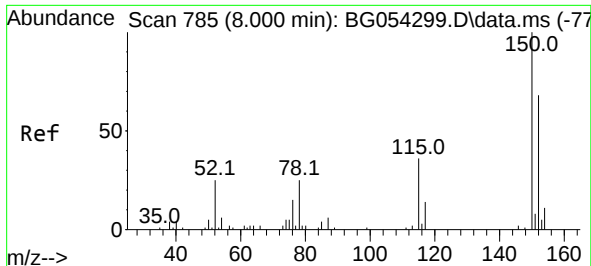
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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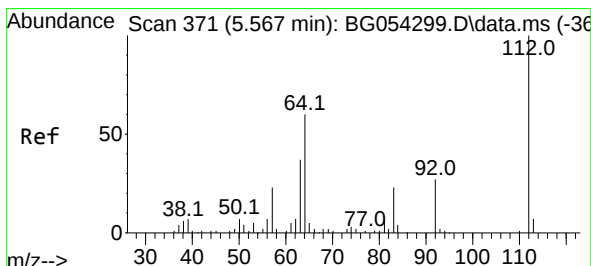
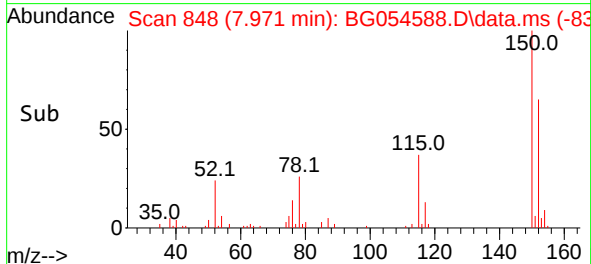
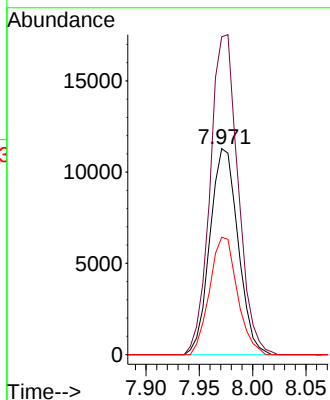
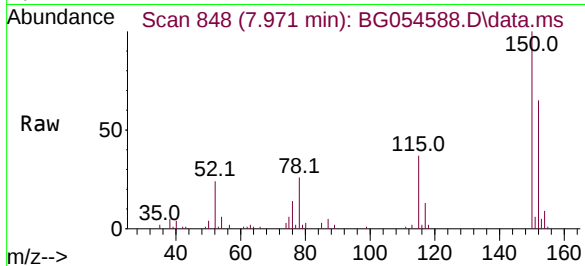




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

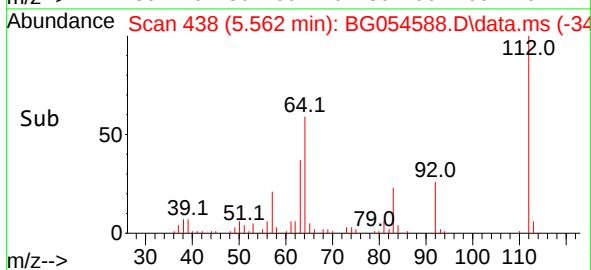
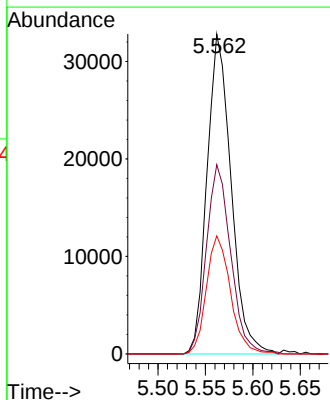
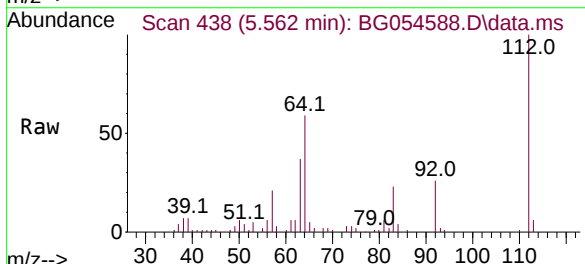
Instrument :
BNA_G
ClientSampleId :
080322-A

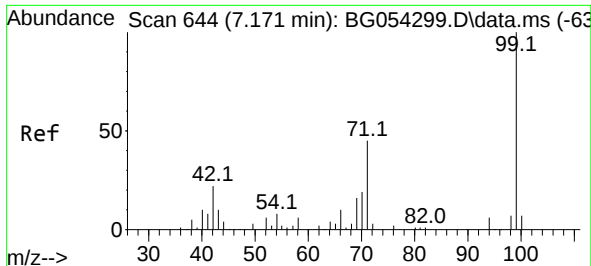
Tgt Ion:152 Resp: 20763
Ion Ratio Lower Upper
152 100
150 154.3 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 58.217 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion:112 Resp: 57894
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 36.9 30.4 45.6

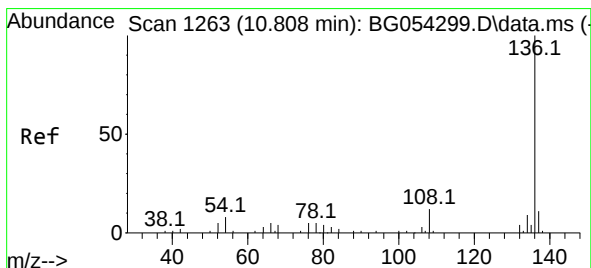
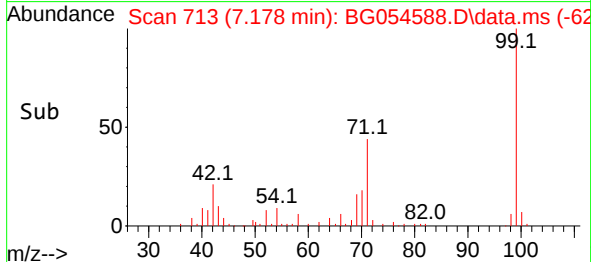
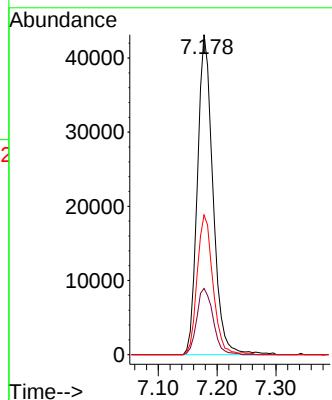
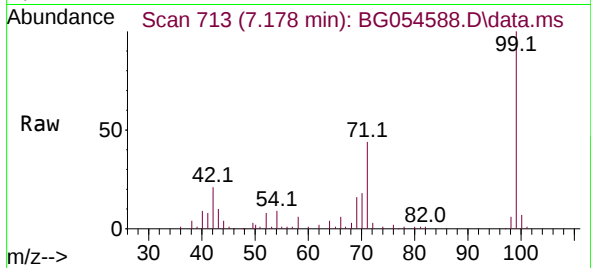




#7
Phenol-d6
Concen: 58.014 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

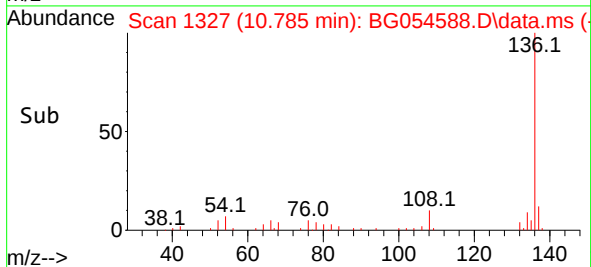
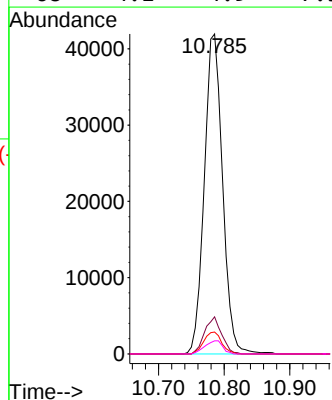
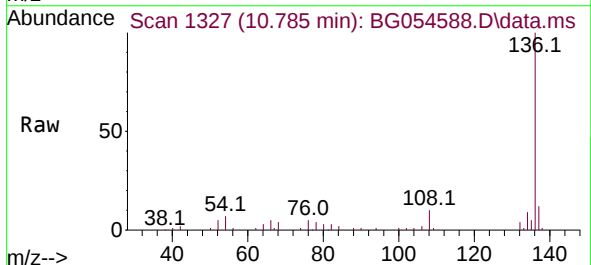
Instrument :
BNA_G
ClientSampleId :
080322-A

Tgt Ion: 99 Resp: 79053
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 43.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion: 136 Resp: 80957
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 6.8 7.4 11.2#
68 4.1 4.9 7.3#

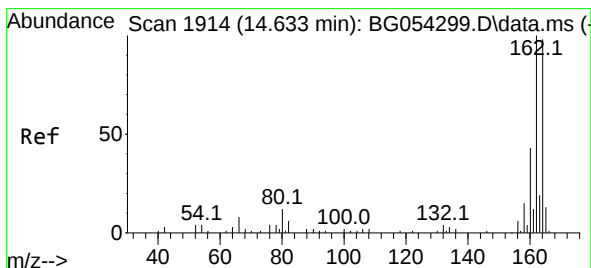
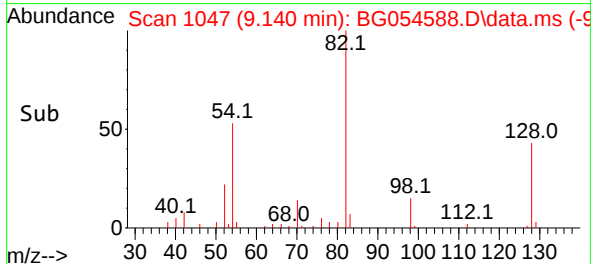
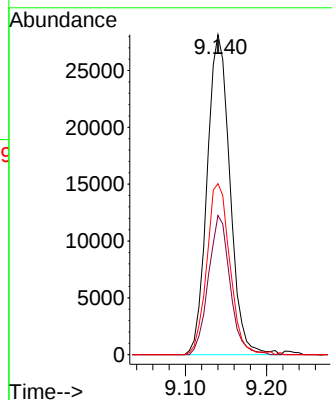
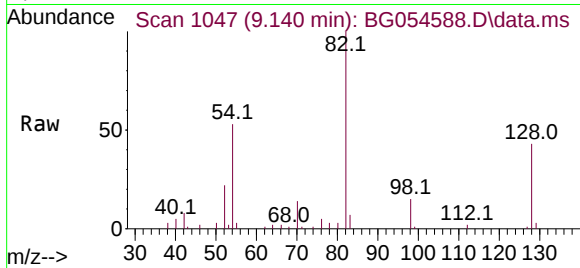




#23
Nitrobenzene-d5
Concen: 36.925 ng
RT: 9.140 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

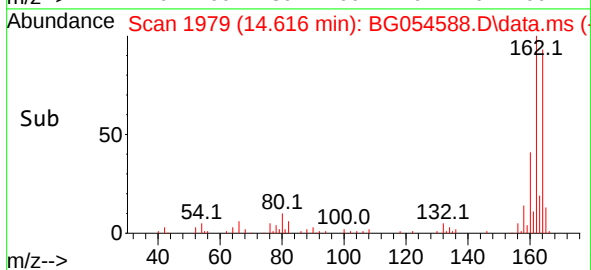
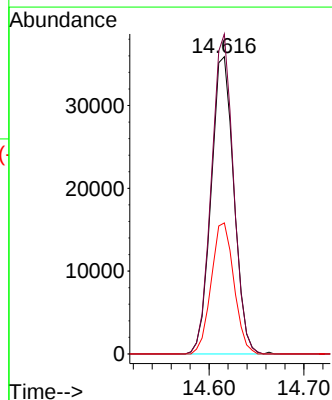
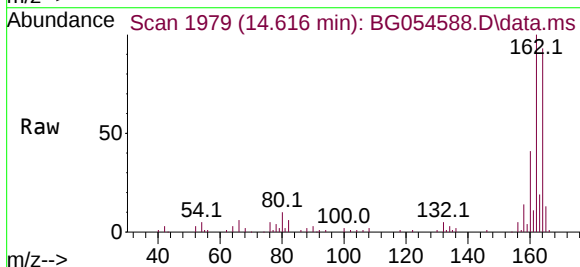
Instrument :
BNA_G
ClientSampleId :
080322-A

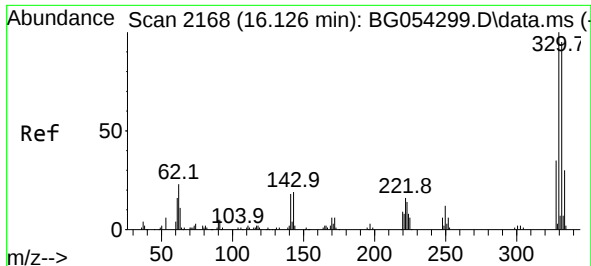
Tgt Ion: 82 Resp: 54894
Ion Ratio Lower Upper
82 100
128 43.5 27.9 41.9#
54 53.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion:164 Resp: 59815
Ion Ratio Lower Upper
164 100
162 107.7 82.3 123.5
160 44.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 47.007 ng

RT: 16.114 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054588.D

Acq: 10 Aug 2022 14:45

Instrument :

BNA_G

ClientSampleId :

080322-A

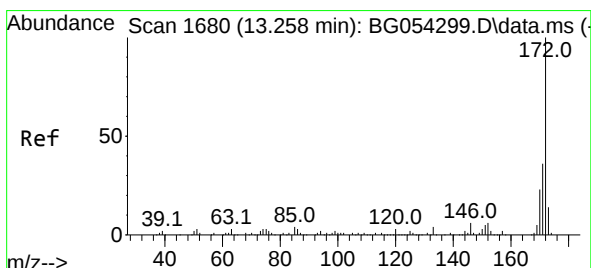
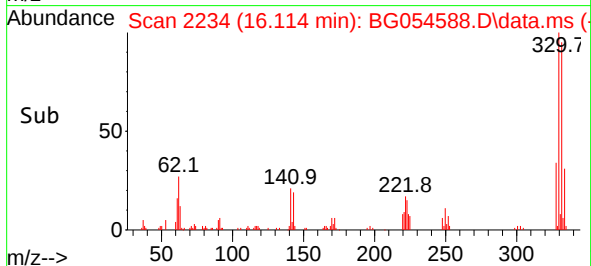
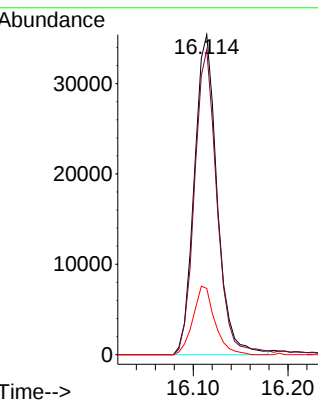
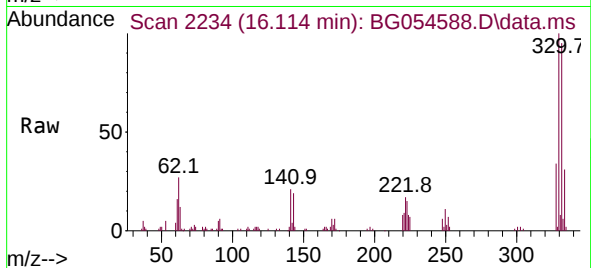
Tgt Ion:330 Resp: 59036

Ion Ratio Lower Upper

330 100

332 93.9 76.0 114.0

141 20.5 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 39.243 ng

RT: 13.235 min Scan# 1744

Delta R.T. -0.001 min

Lab File: BG054588.D

Acq: 10 Aug 2022 14:45

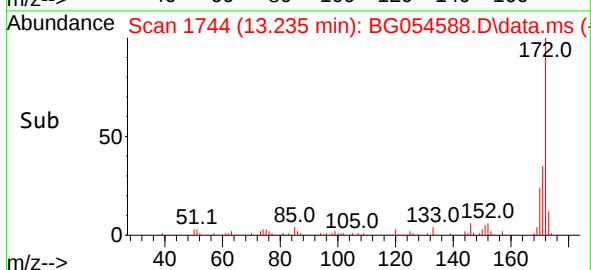
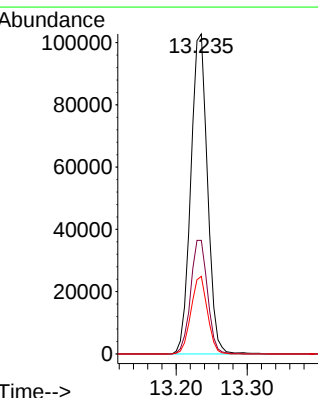
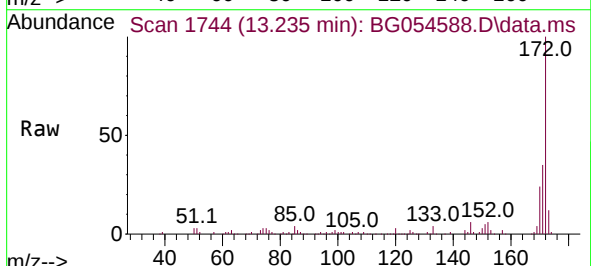
Tgt Ion:172 Resp: 166393

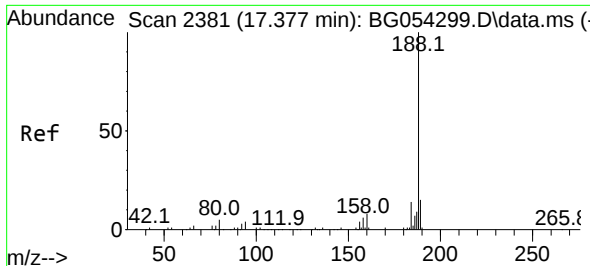
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.2 18.9 28.3

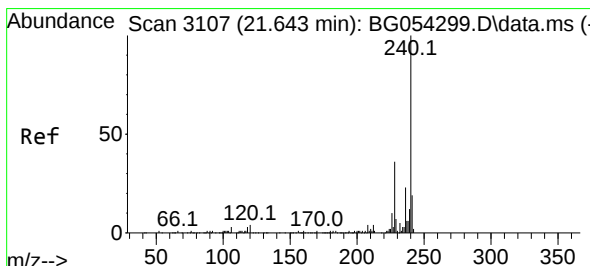
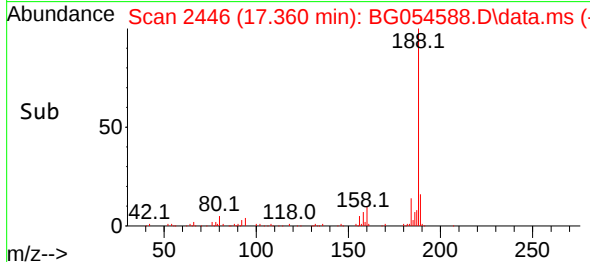
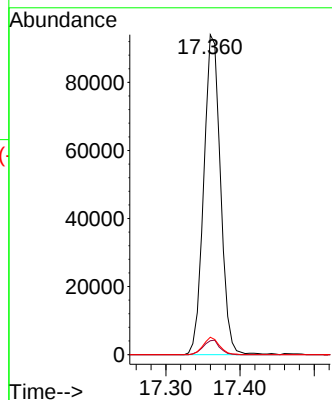
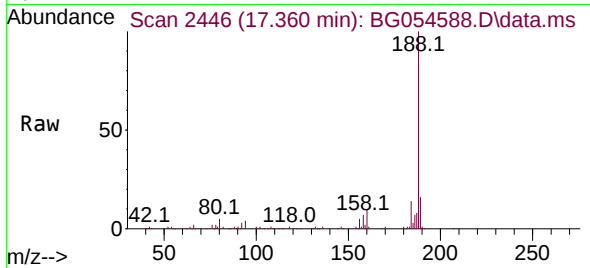




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

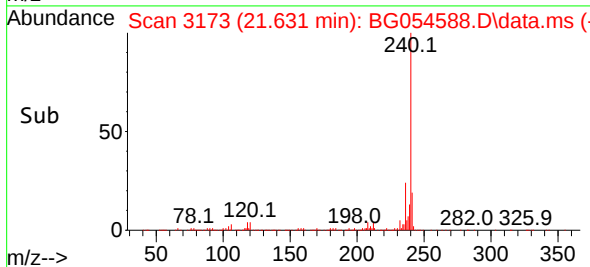
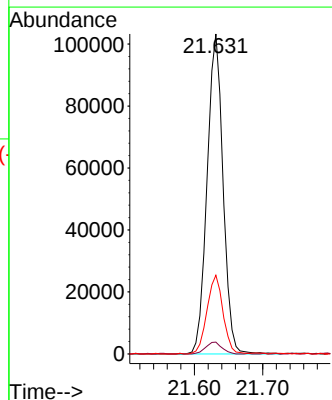
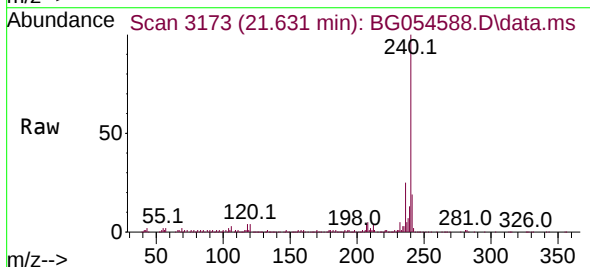
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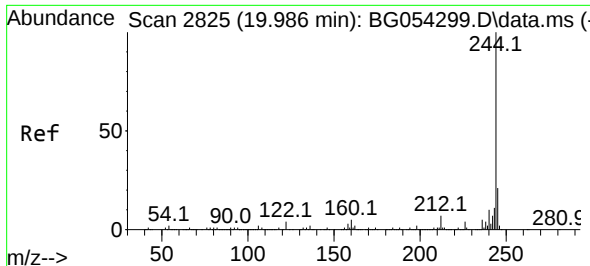
Tgt Ion:188 Resp: 146955
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.4 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion:240 Resp: 167301
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.6 20.2 30.4

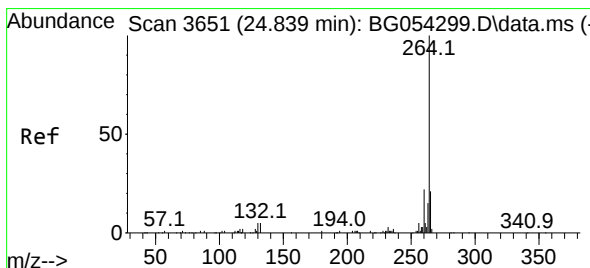
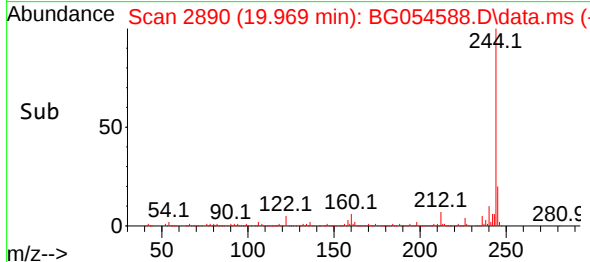
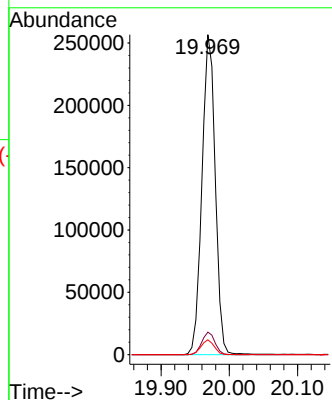
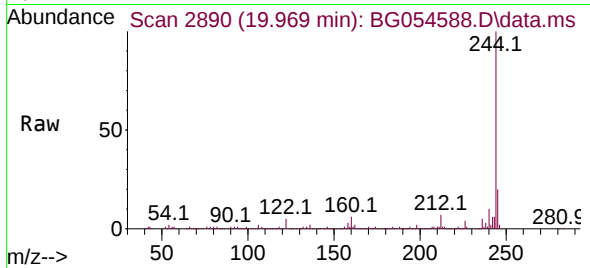




#79
 Terphenyl-d14
 Concen: 41.229 ng
 RT: 19.969 min Scan# 2825
 Delta R.T. -0.001 min
 Lab File: BG054588.D
 Acq: 10 Aug 2022 14:45

Instrument :
 BNA_G
 ClientSampleId :
 080322-A

Tgt Ion:244 Resp: 347702
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.004 min
 Lab File: BG054588.D
 Acq: 10 Aug 2022 14:45

Tgt Ion:264 Resp: 177230
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 20.7 17.4 26.2

