

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054522.D
 Acq On : 4 Aug 2022 17:00
 Operator : CG/JU
 Sample : N4035-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11944

Quant Time: Aug 04 17:33:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	20520	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	78683	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	56975	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	131303	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	145301	20.000	ng	# 0.00
86) Perylene-d12	24.853	264	138810	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	77689	79.048	ng	0.00
7) Phenol-d6	7.186	99	106761	79.276	ng	0.01
23) Nitrobenzene-d5	9.148	82	74153	51.322	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	63314	52.926	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	224768	55.652	ng	0.00
79) Terphenyl-d14	19.977	244	397731	54.302	ng	0.00

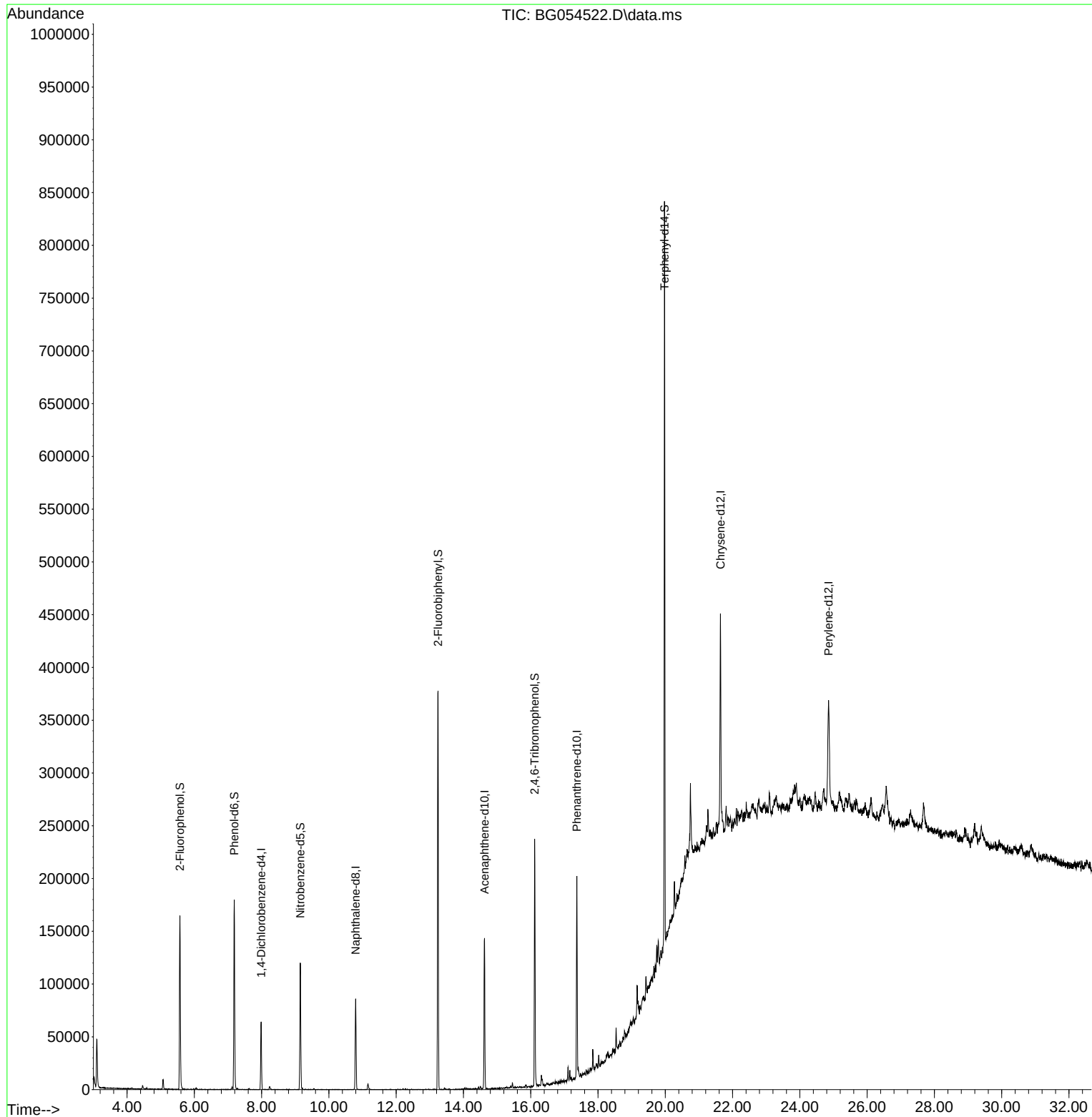
Target Compounds	Qvalue

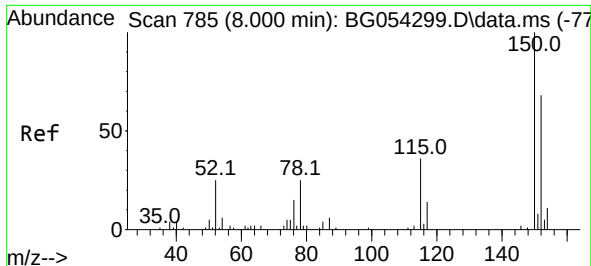
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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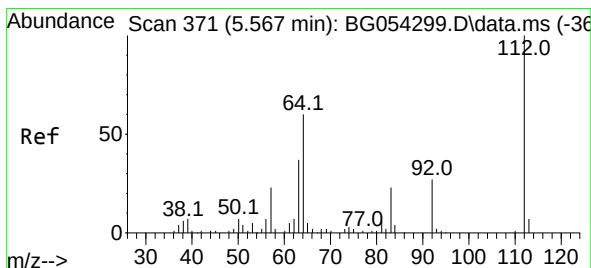
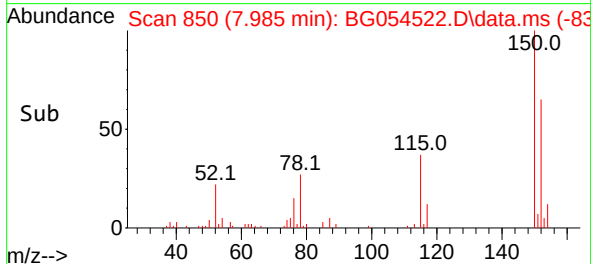
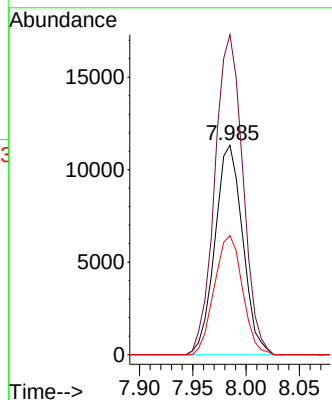
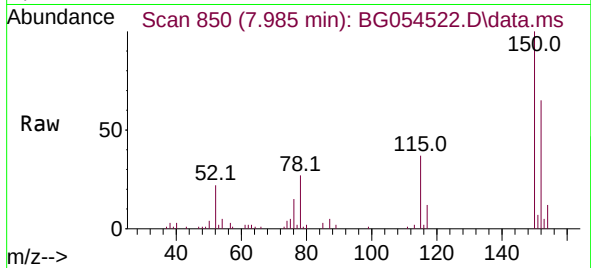




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

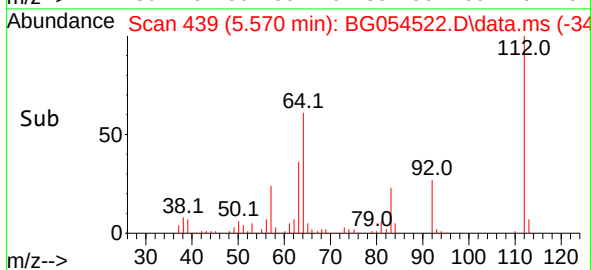
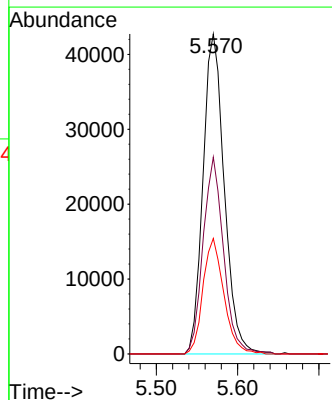
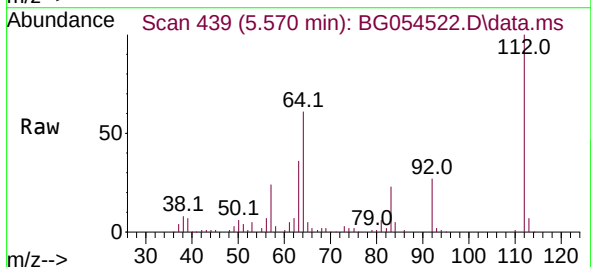
Instrument :
BNA_G
ClientSampleId :
72-11944

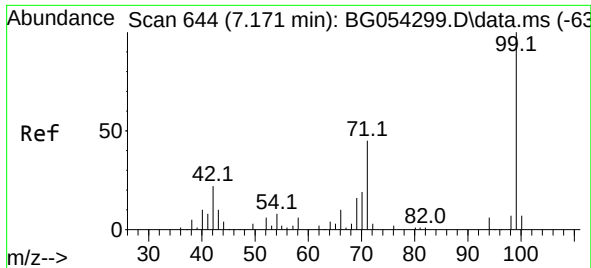
Tgt Ion:152 Resp: 20520
Ion Ratio Lower Upper
152 100
150 152.9 131.6 197.4
115 56.8 50.9 76.3



#5
2-Fluorophenol
Concen: 79.048 ng
RT: 5.570 min Scan# 439
Delta R.T. 0.008 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion:112 Resp: 77689
Ion Ratio Lower Upper
112 100
64 61.5 55.1 82.7
63 36.1 30.4 45.6

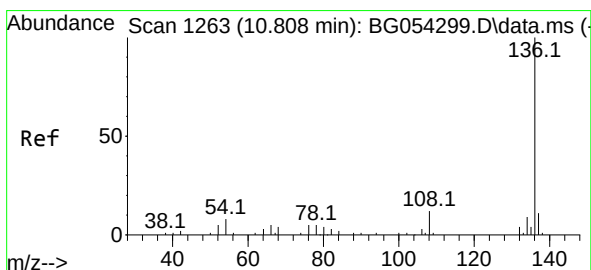
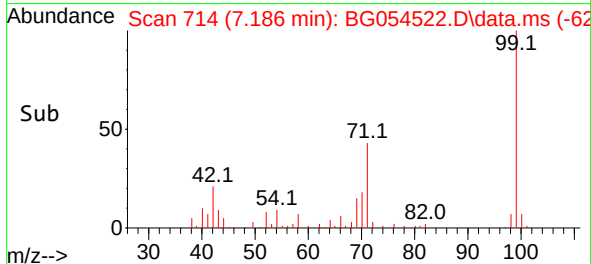
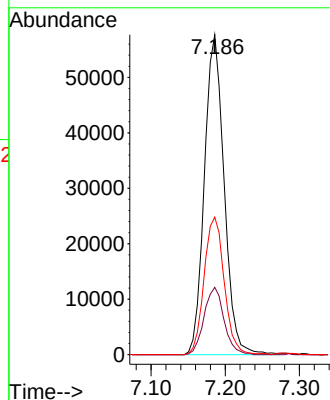
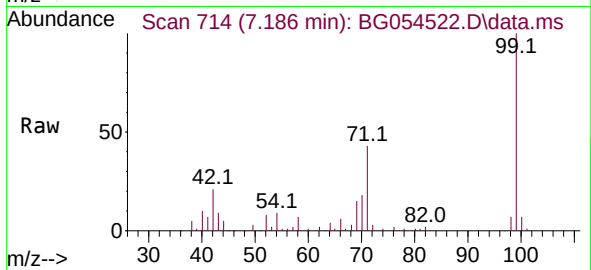




#7
Phenol-d6
Concen: 79.276 ng
RT: 7.186 min Scan# 71
Delta R.T. 0.014 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

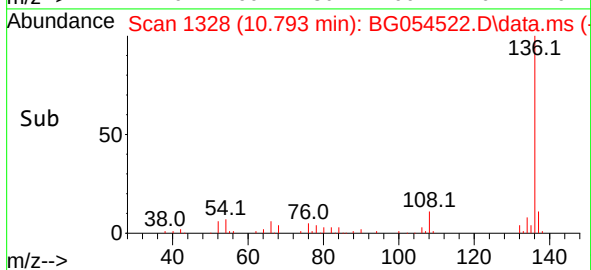
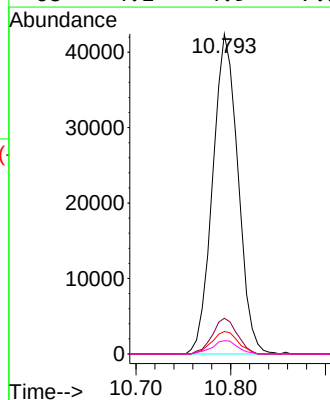
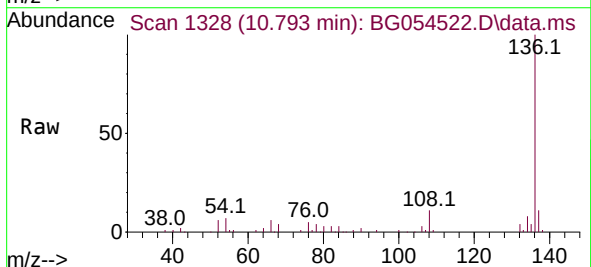
Instrument :
BNA_G
ClientSampleId :
72-11944

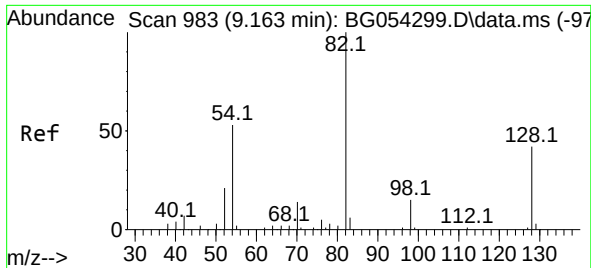
Tgt Ion: 99 Resp: 106761
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.004 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion: 136 Resp: 78683
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.0 7.4 11.2#
68 4.1 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 51.322 ng

RT: 9.148 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG054522.D

Acq: 4 Aug 2022 17:00

Instrument :

BNA_G

ClientSampleId :

72-11944

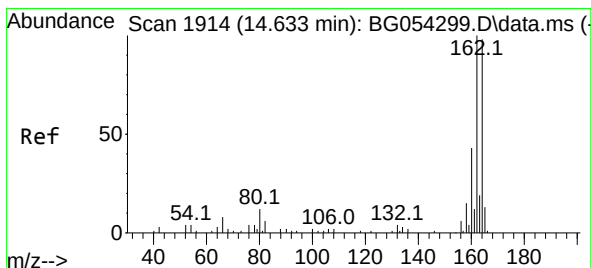
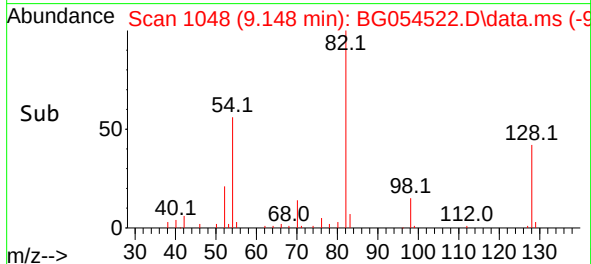
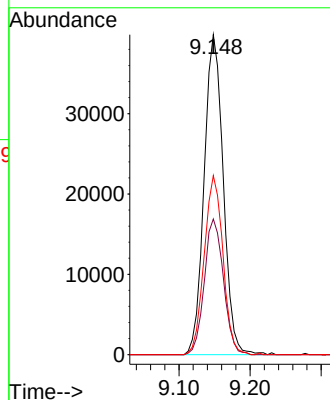
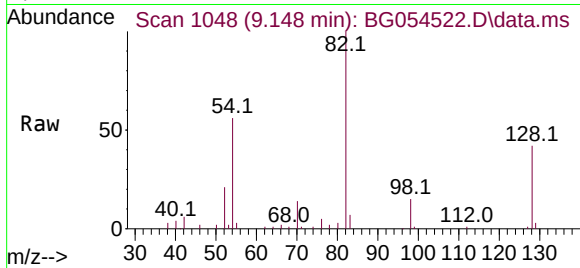
Tgt Ion: 82 Resp: 74153

Ion Ratio Lower Upper

82 100

128 42.4 27.9 41.9#

54 55.9 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.624 min Scan# 1980

Delta R.T. 0.002 min

Lab File: BG054522.D

Acq: 4 Aug 2022 17:00

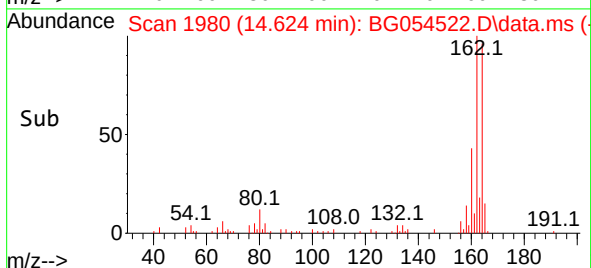
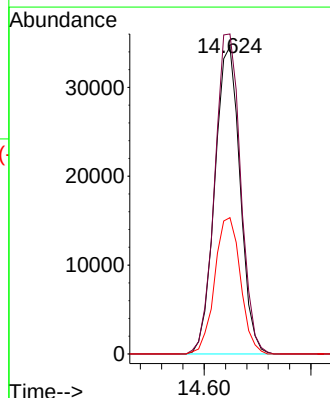
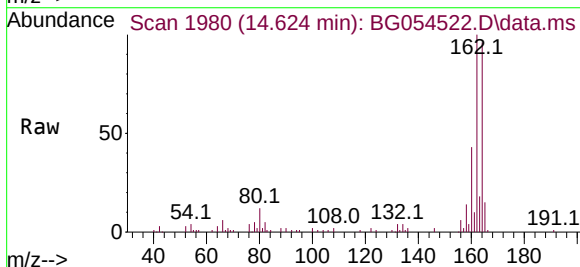
Tgt Ion:164 Resp: 56975

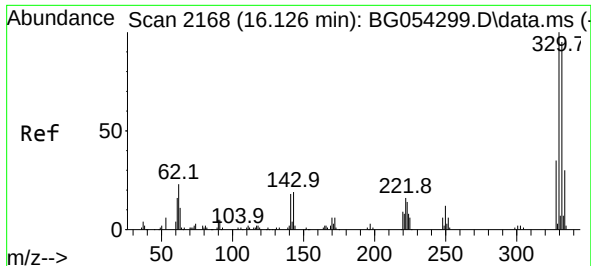
Ion Ratio Lower Upper

164 100

162 104.1 82.3 123.5

160 44.3 34.2 51.2

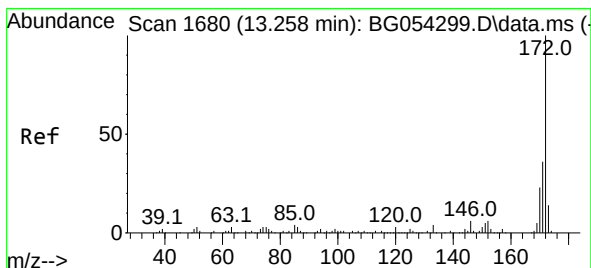
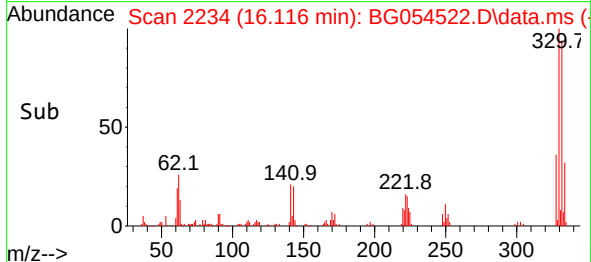
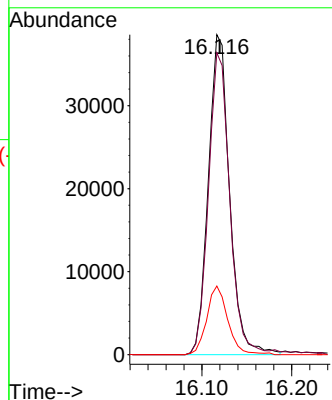
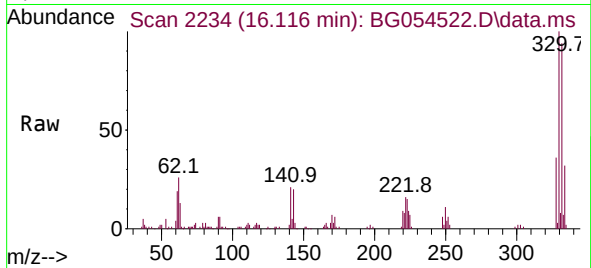




#42
2,4,6-Tribromophenol
Concen: 52.926 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

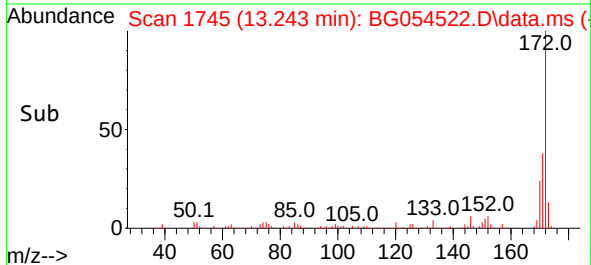
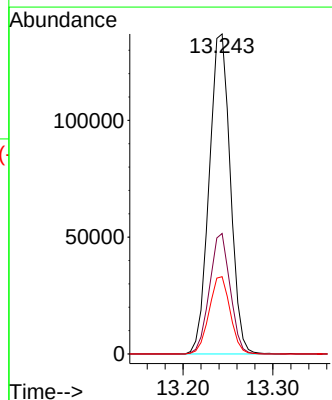
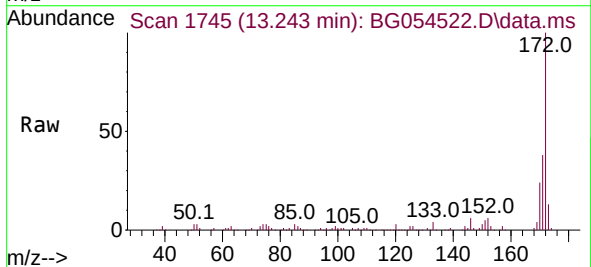
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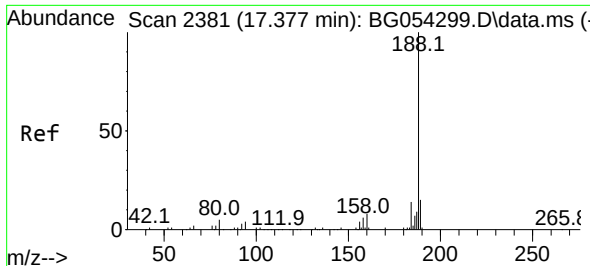
Tgt Ion:330 Resp: 63314
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 21.2 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 55.652 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion:172 Resp: 224768
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.1 18.9 28.3

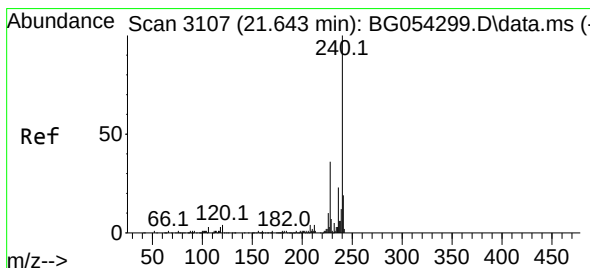
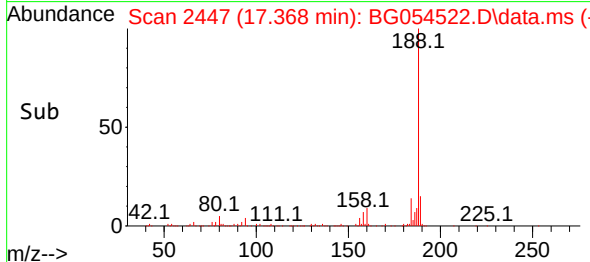
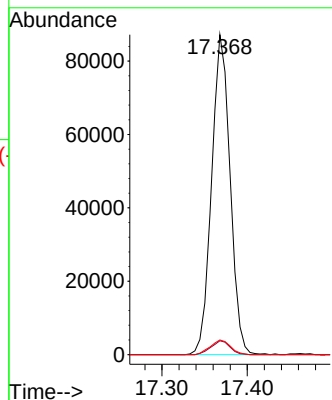
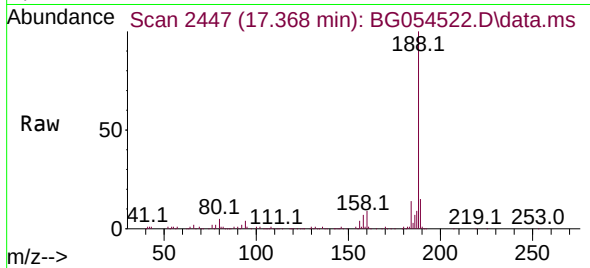




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

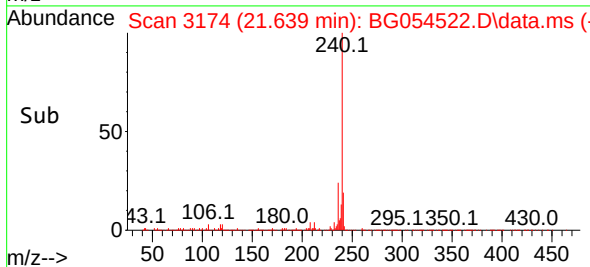
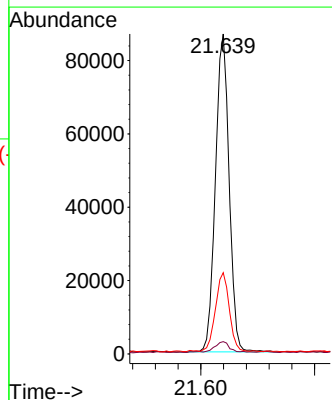
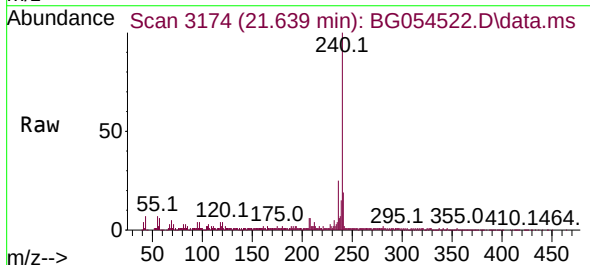
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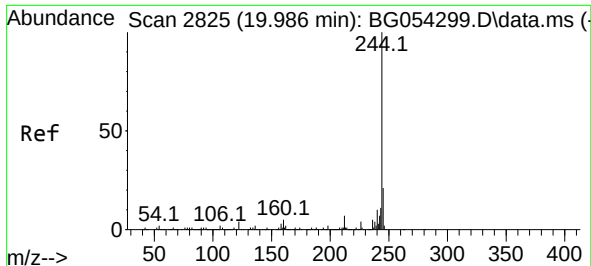
Tgt Ion:188 Resp: 131303
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion:240 Resp: 145301
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 25.4 20.2 30.4

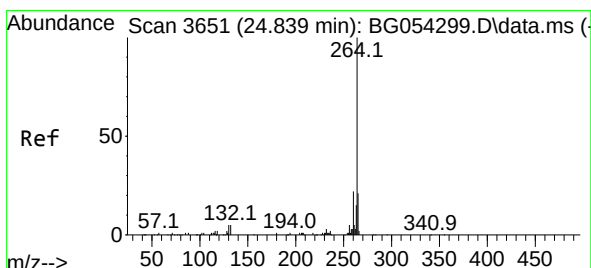
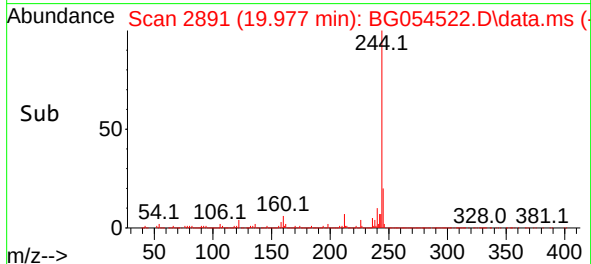
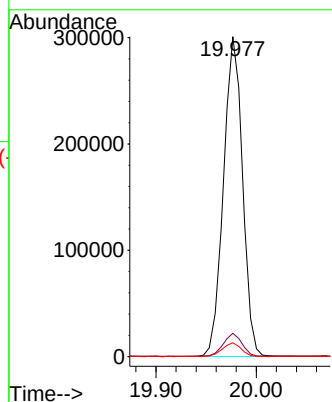
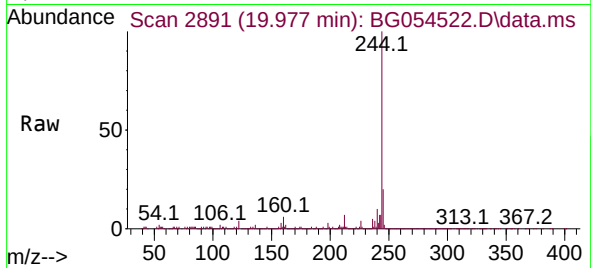




#79
 Terphenyl-d14
 Concen: 54.302 ng
 RT: 19.977 min Scan# 2825
 Delta R.T. -0.004 min
 Lab File: BG054522.D
 Acq: 4 Aug 2022 17:00

Instrument :
 BNA_G
 ClientSampleId :
 72-11944

Tgt Ion:244 Resp: 397731
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.3 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.853 min Scan# 3721
 Delta R.T. 0.020 min
 Lab File: BG054522.D
 Acq: 4 Aug 2022 17:00

Tgt Ion:264 Resp: 138810
 Ion Ratio Lower Upper
 264 100
 260 26.4 19.0 28.6
 265 24.0 17.4 26.2

