

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054763.D
 Acq On : 26 Aug 2022 20:16
 Operator : CG/JU
 Sample : N4338-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YANNUZZI-PLYMOUTH-PROJECT

Quant Time: Aug 27 02:18:30 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	8.152	152	48402	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	204302	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	139672	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	297695	20.000	ng	0.00
76) Chrysene-d12	21.819	240	289126	20.000	ng	0.00
86) Perylene-d12	25.185	264	308207	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	273325	98.334	ng	0.00
7) Phenol-d6	7.294	99	393464	103.509	ng	0.00
23) Nitrobenzene-d5	9.321	82	246988	63.465	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	133792	76.659	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	599488	64.511	ng	0.00
79) Terphenyl-d14	20.126	244	960687	65.836	ng	0.00

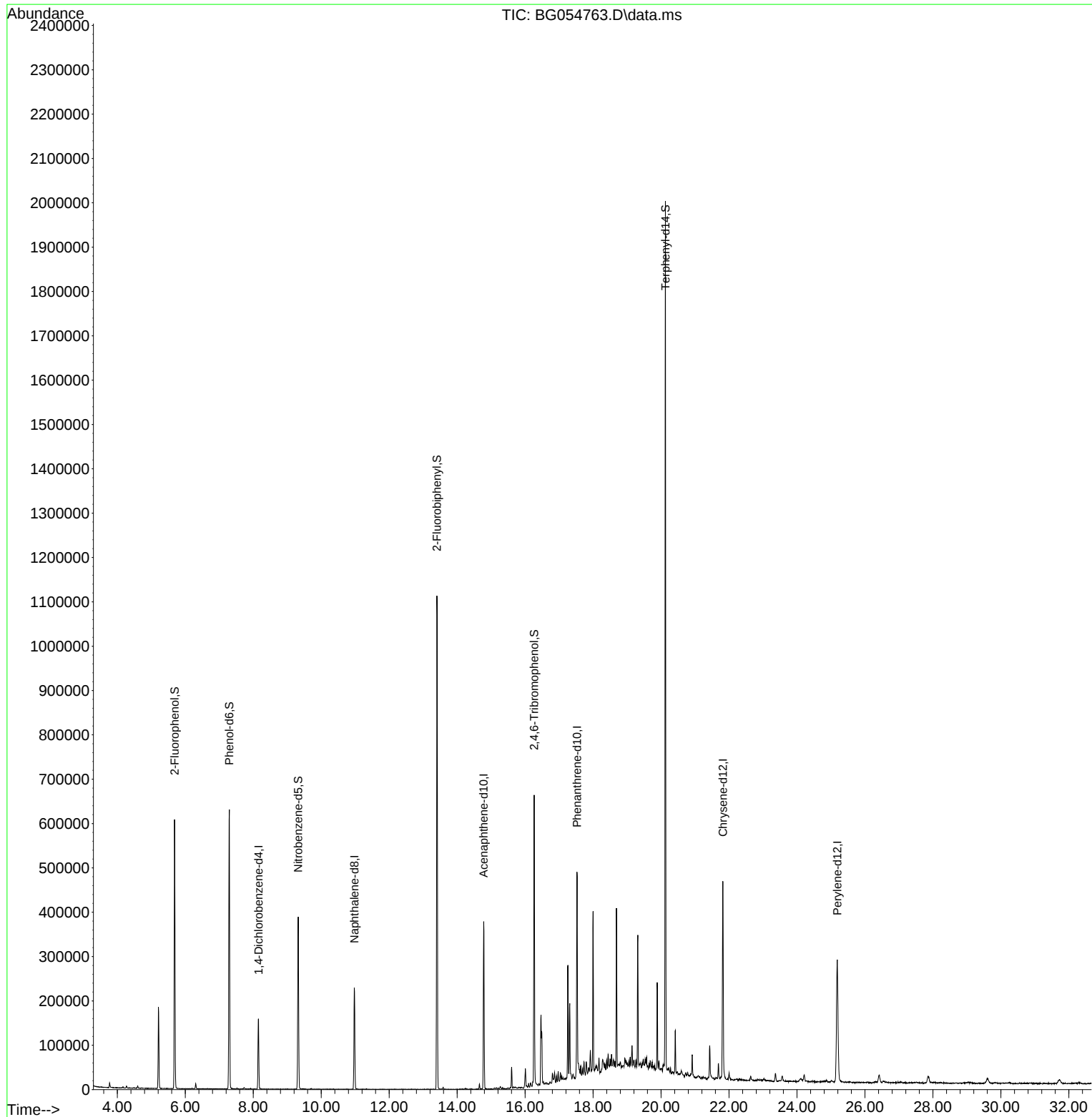
Target Compounds Qvalue

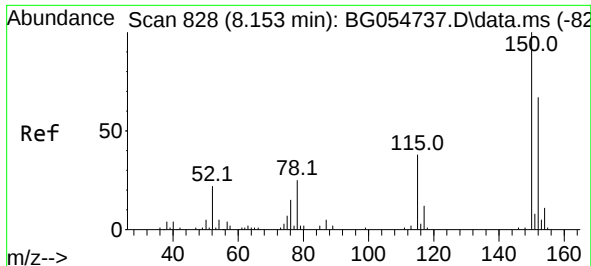
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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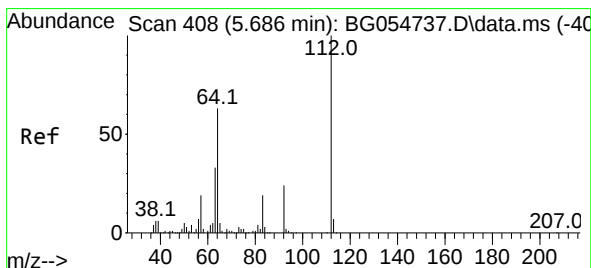
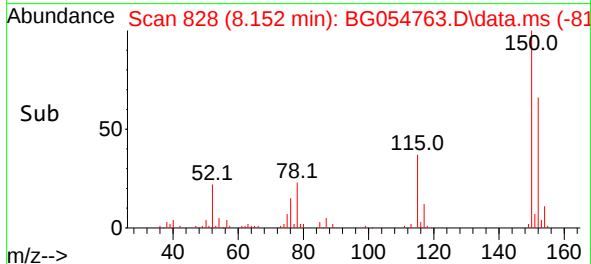
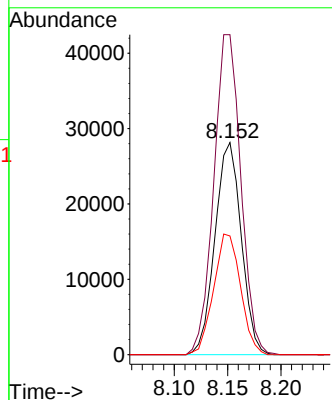
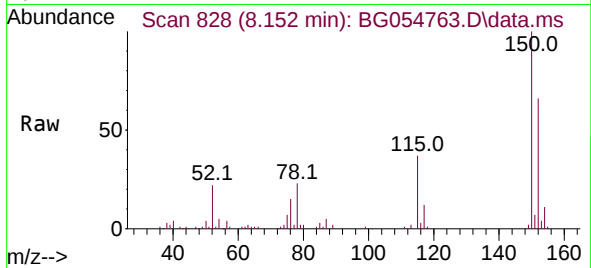




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

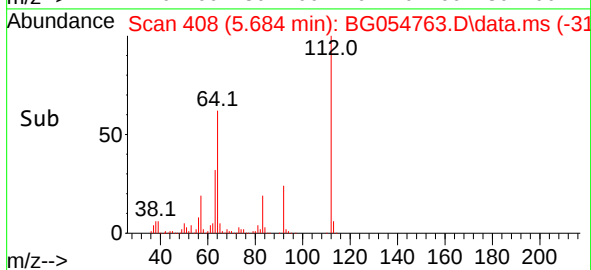
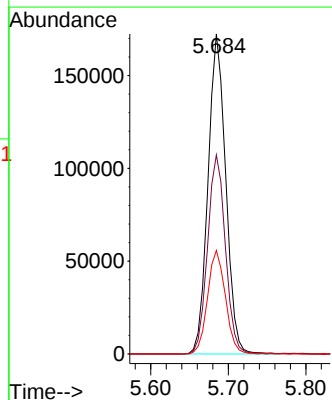
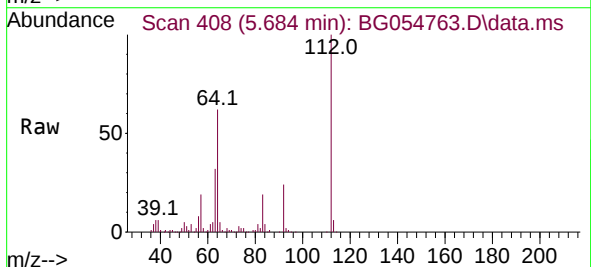
Instrument :
BNA_G
ClientSampleId :
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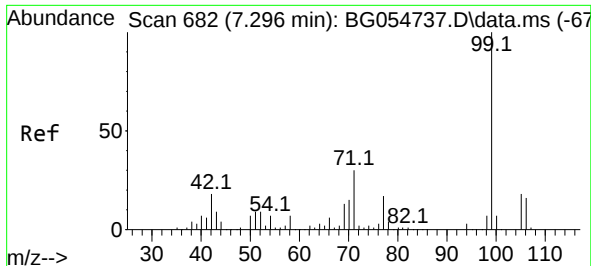
Tgt Ion:152 Resp: 48402
Ion Ratio Lower Upper
152 100
150 150.9 125.2 187.8
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 98.334 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:112 Resp: 273325
Ion Ratio Lower Upper
112 100
64 62.2 49.3 73.9
63 32.3 26.3 39.5

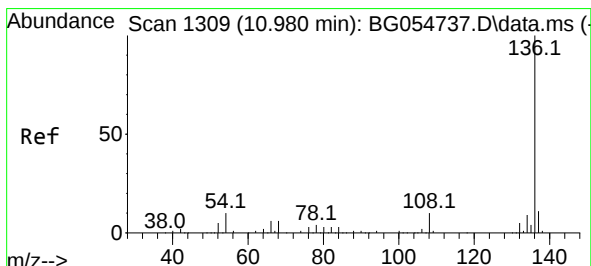
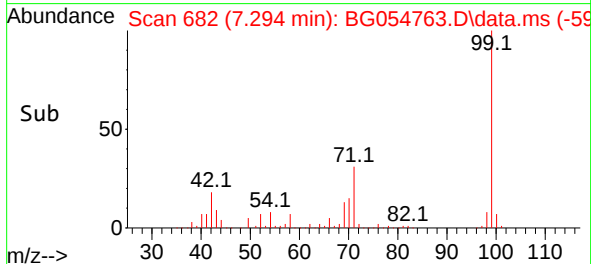
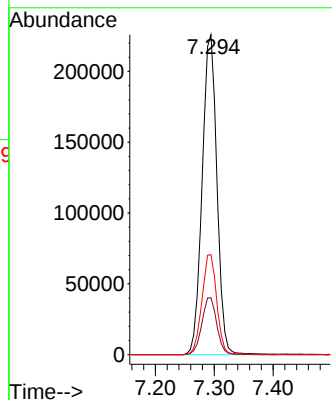
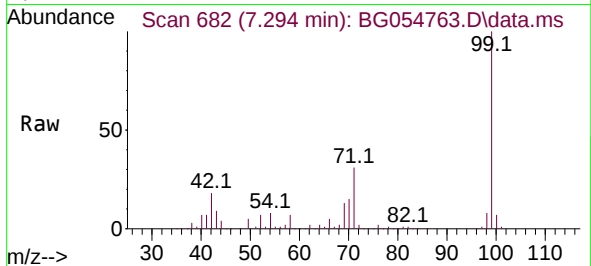




#7
Phenol-d6
Concen: 103.509 ng
RT: 7.294 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

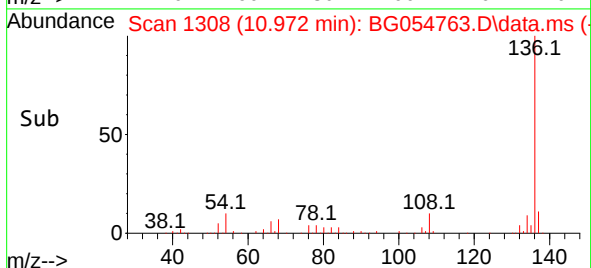
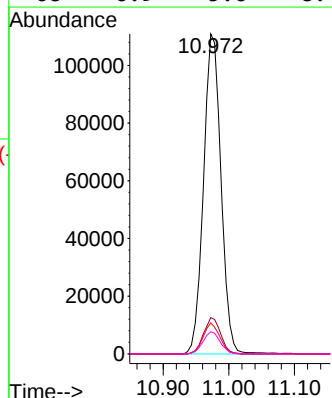
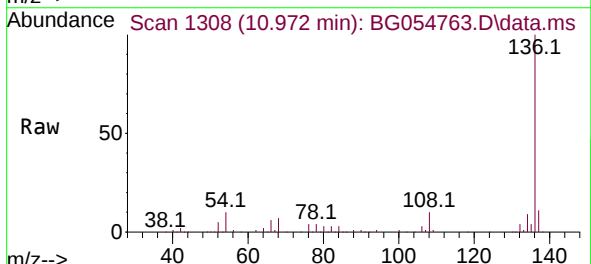
Instrument :
BNA_G
ClientSampleId :
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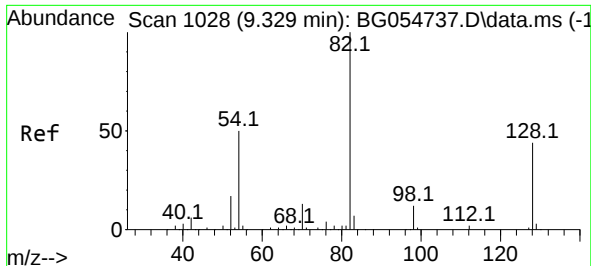
Tgt Ion: 99 Resp: 393464
Ion Ratio Lower Upper
99 100
42 17.8 14.6 22.0
71 31.2 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. -0.008 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion: 136 Resp: 204302
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.7 7.7 11.5
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 63.465 ng

RT: 9.321 min Scan# 10

Delta R.T. -0.007 min

Lab File: BG054763.D

Acq: 26 Aug 2022 20:16

Instrument :

BNA_G

ClientSampleId :

YANNUZZI-PLYMOUTH-PROJECT

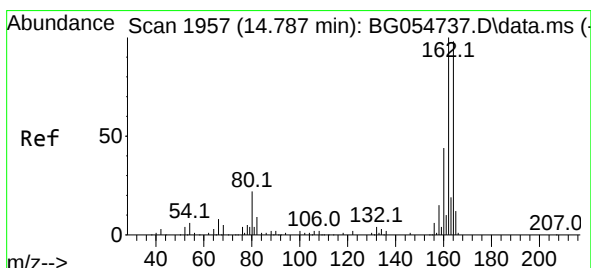
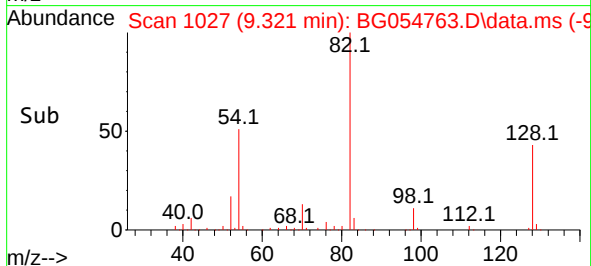
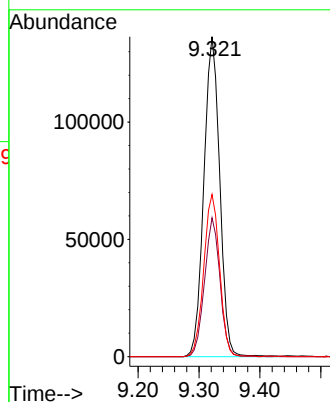
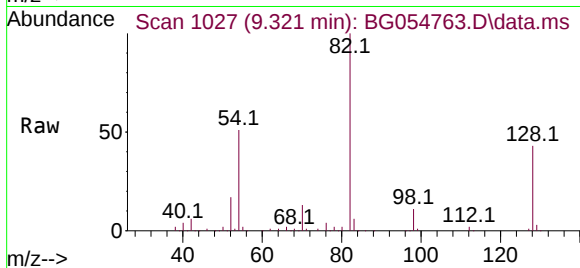
Tgt Ion: 82 Resp: 246988

Ion Ratio Lower Upper

82 100

128 43.4 32.2 48.2

54 50.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG054763.D

Acq: 26 Aug 2022 20:16

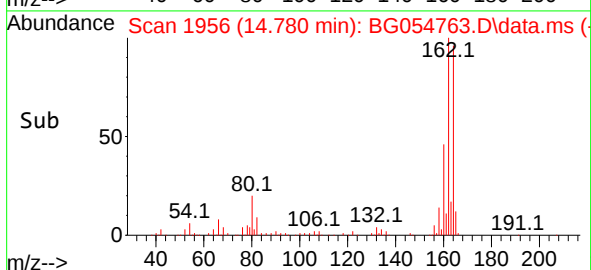
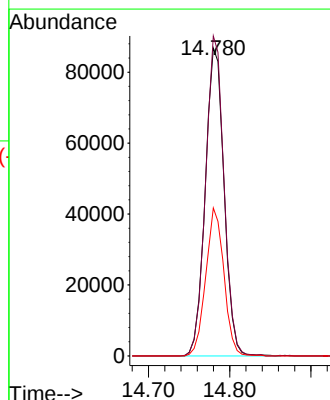
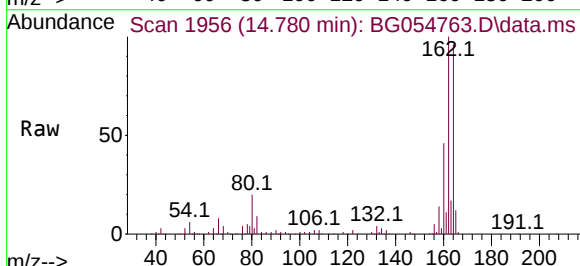
Tgt Ion:164 Resp: 139672

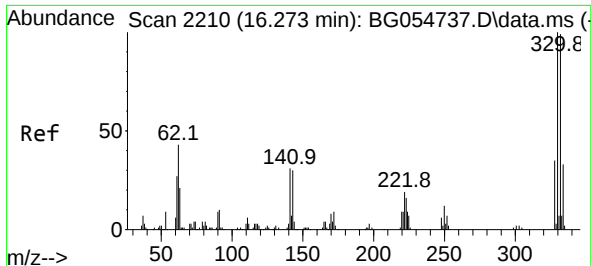
Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

160 48.1 38.0 57.0

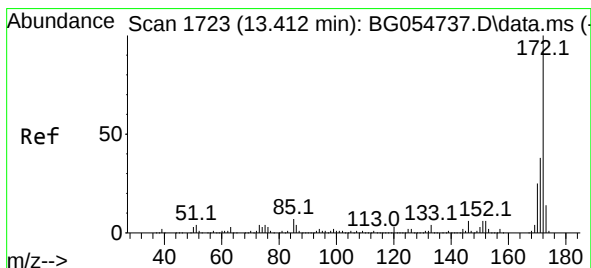
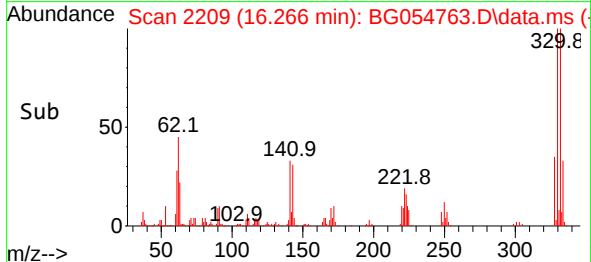
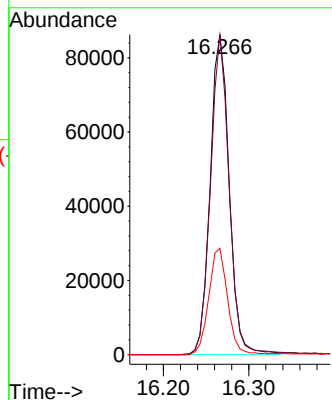
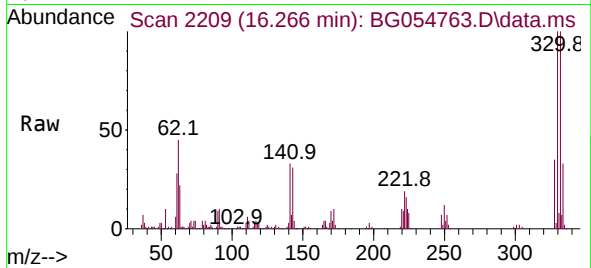




#42
2,4,6-Tribromophenol
Concen: 76.659 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

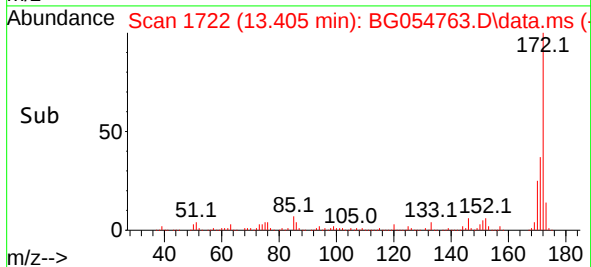
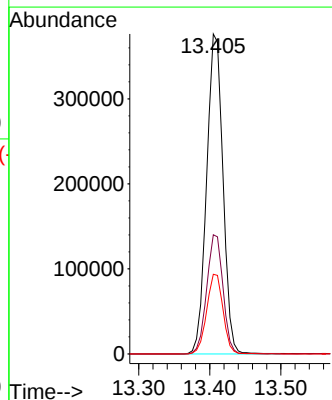
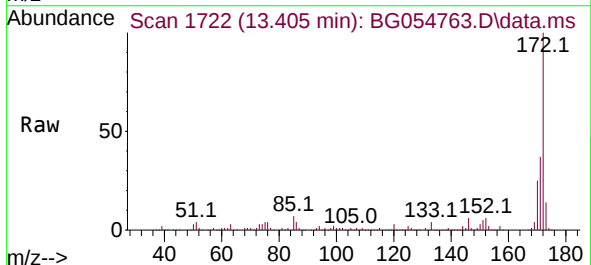
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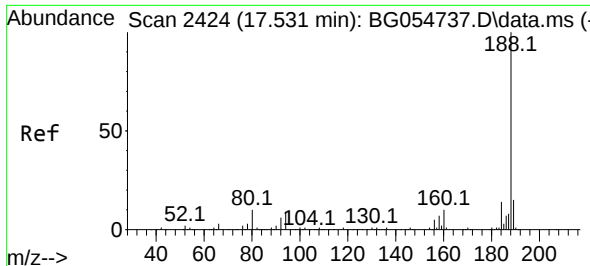
Tgt Ion:330 Resp: 133792
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 33.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 64.511 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:172 Resp: 599488
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.9 20.6 30.8

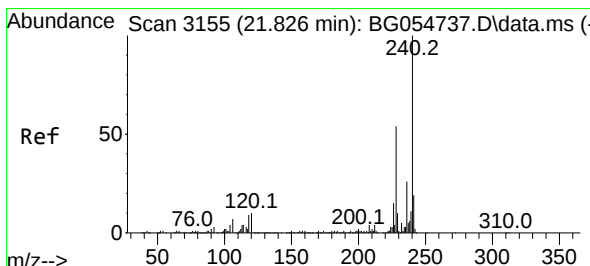
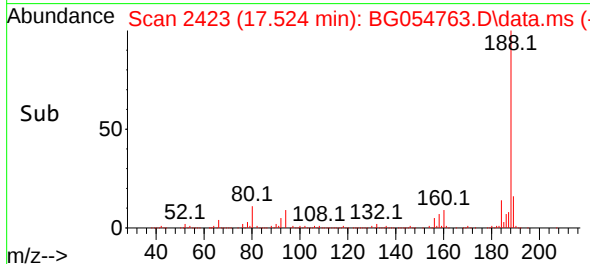
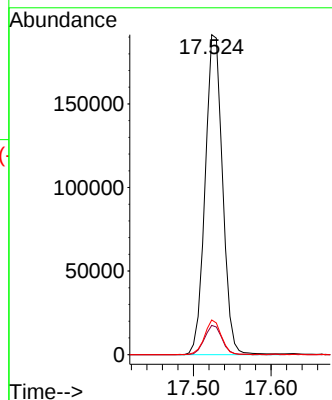
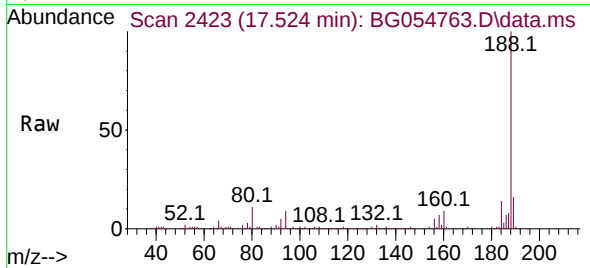




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

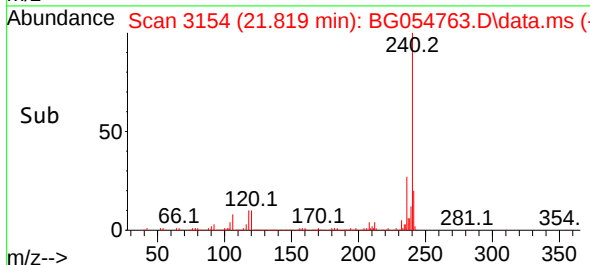
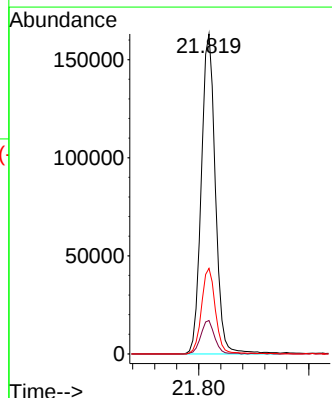
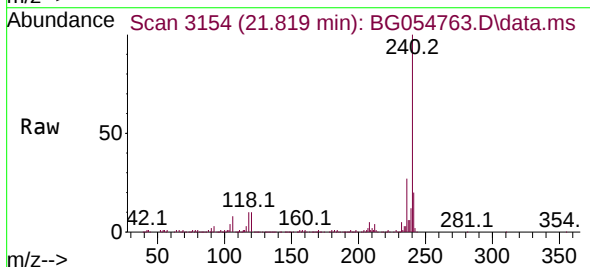
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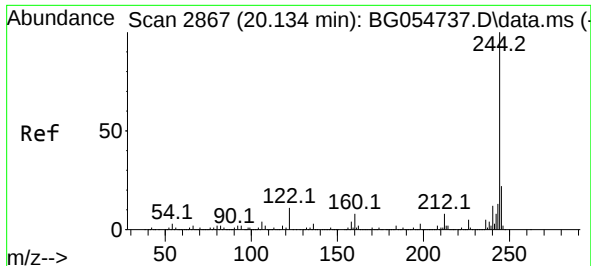
Tgt Ion:188 Resp: 297695
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:240 Resp: 289126
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.7 21.2 31.8

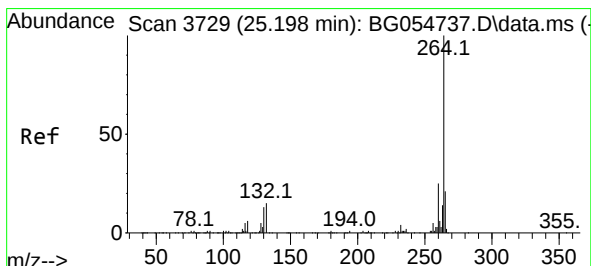
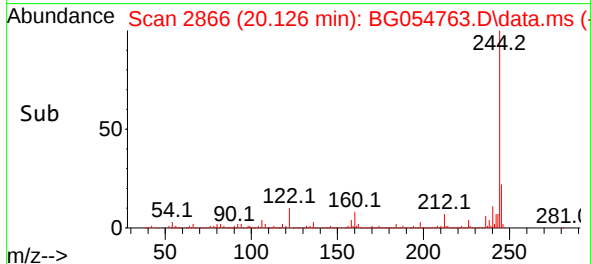
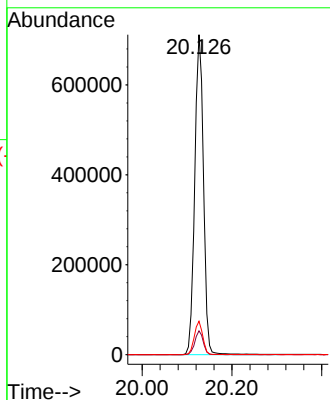
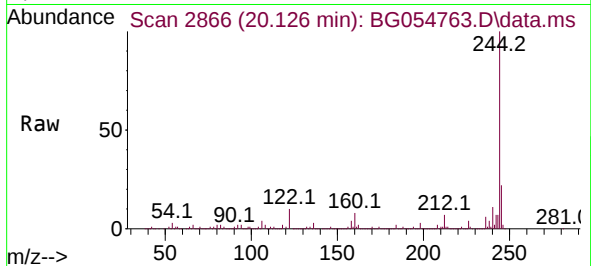




#79
 Terphenyl-d14
 Concen: 65.836 ng
 RT: 20.126 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG054763.D
 Acq: 26 Aug 2022 20:16

Instrument :
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Tgt Ion:244 Resp: 960687
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.185 min Scan# 3727
 Delta R.T. -0.013 min
 Lab File: BG054763.D
 Acq: 26 Aug 2022 20:16

Tgt Ion:264 Resp: 308207
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 21.7 16.9 25.3

