

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024971.D
 Acq On : 18 Apr 2023 10:30
 Operator : CG/JU
 Sample : PB152169BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152169BL

Quant Time: Apr 18 11:04:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	8602	0.400	ng	0.00
7) Naphthalene-d8	10.750	136	23752	0.400	ng	0.00
13) Acenaphthene-d10	14.577	164	12870	0.400	ng	0.00
19) Phenanthrene-d10	17.336	188	28925	0.400	ng	# 0.01
29) Chrysene-d12	21.527	240	23182	0.400	ng	# 0.00
35) Perylene-d12	23.966	264	19343	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.492	112	8231	0.414	ng	0.00
5) Phenol-d6	7.102	99	9118	0.364	ng	0.00
8) Nitrobenzene-d5	9.116	82	7015	0.366	ng	0.01
11) 2-Methylnaphthalene-d10	12.340	152	12954	0.412	ng	0.00
14) 2,4,6-Tribromophenol	16.082	330	1548	0.267	ng	0.01
15) 2-Fluorobiphenyl	13.208	172	19230	0.391	ng	0.00
27) Fluoranthene-d10	19.359	212	28667	0.437	ng	0.00
31) Terphenyl-d14	19.954	244	26340	0.501	ng	0.00

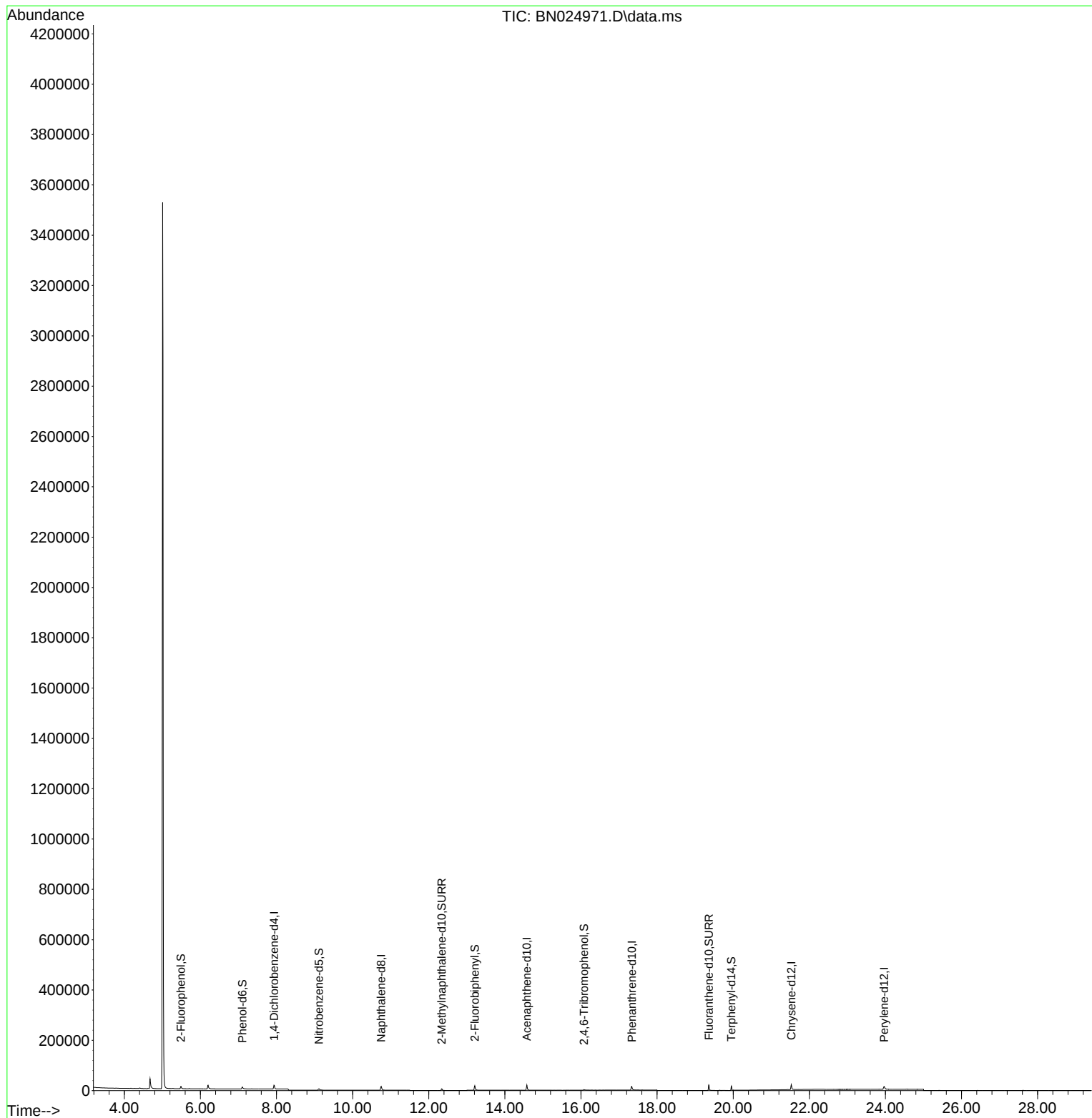
Target Compounds Qvalue

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

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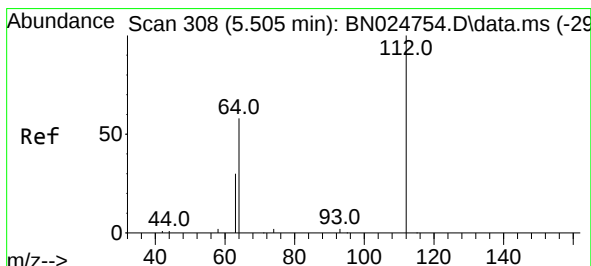
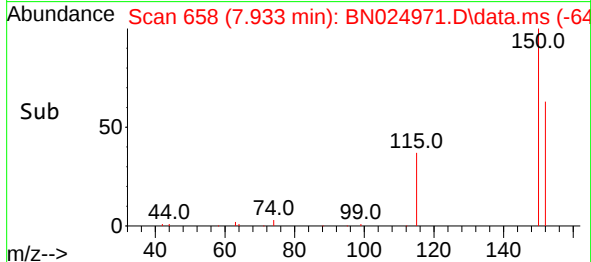
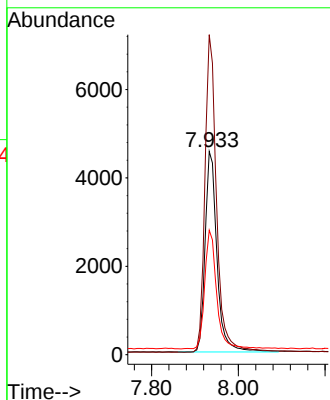
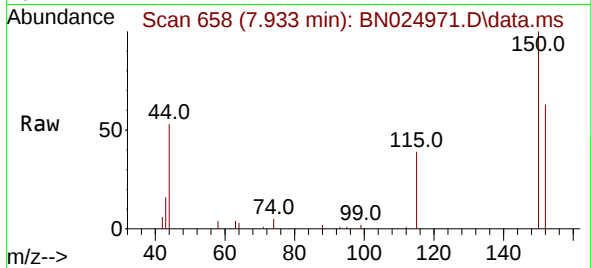




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

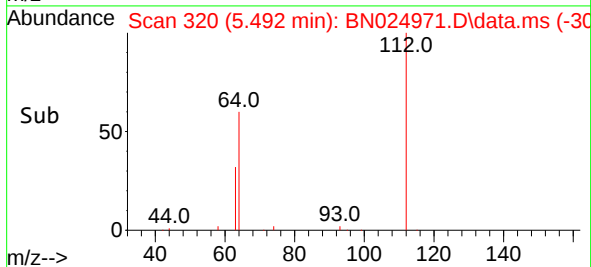
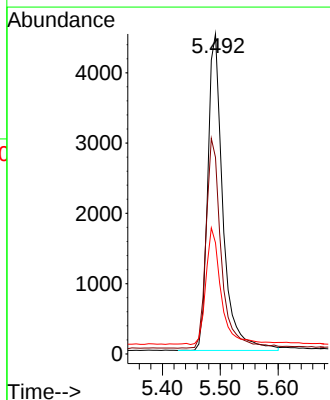
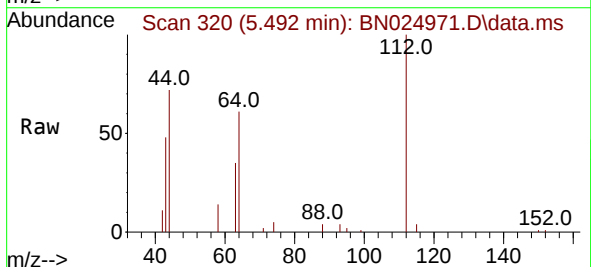
Instrument :
BNA_N
ClientSampleId :
PB152169BL

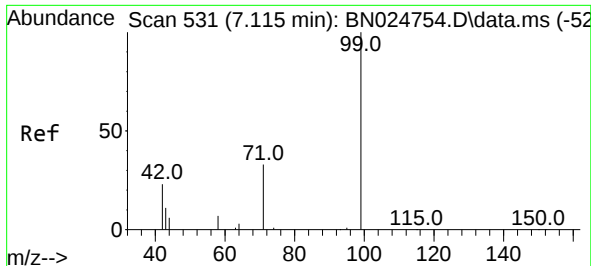
Tgt Ion:152 Resp: 8602
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.8
115 61.3 48.3 72.5



#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.492 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

Tgt Ion:112 Resp: 8231
Ion Ratio Lower Upper
112 100
64 66.5 52.5 78.7
63 37.0 27.9 41.9

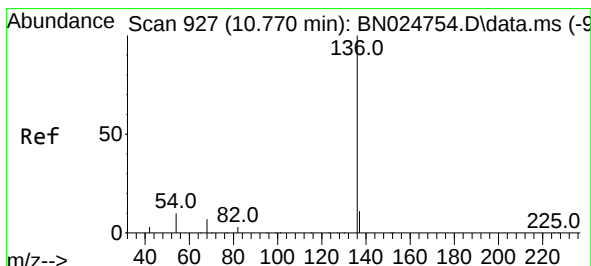
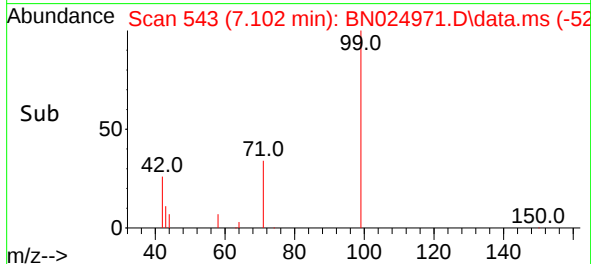
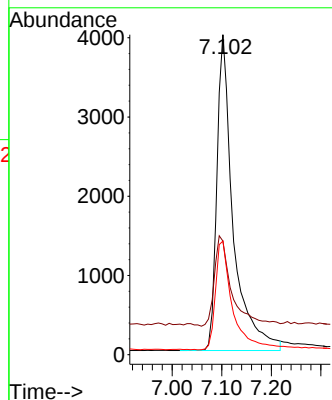
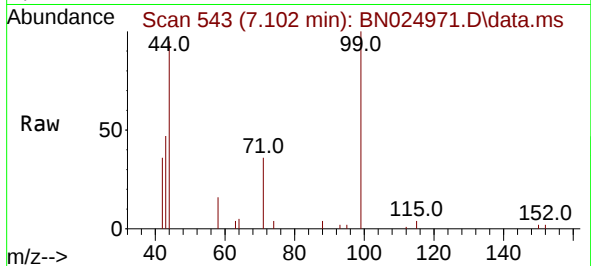




#5
Phenol-d6
Concen: 0.364 ng
RT: 7.102 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

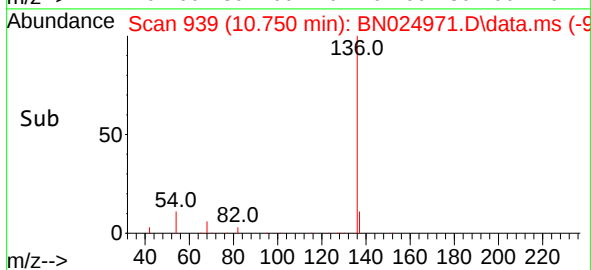
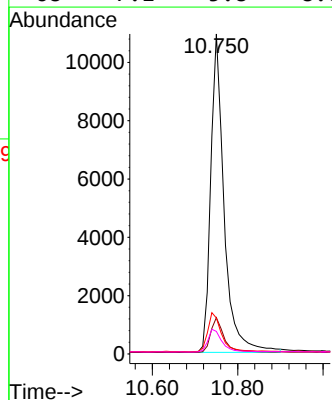
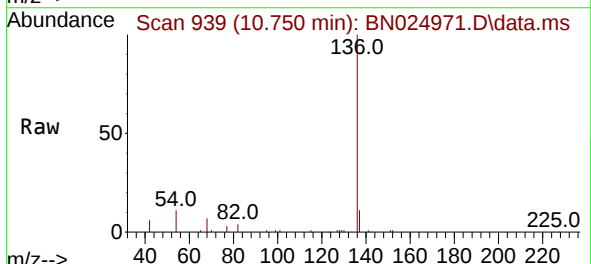
Instrument :
BNA_N
ClientSampleId :
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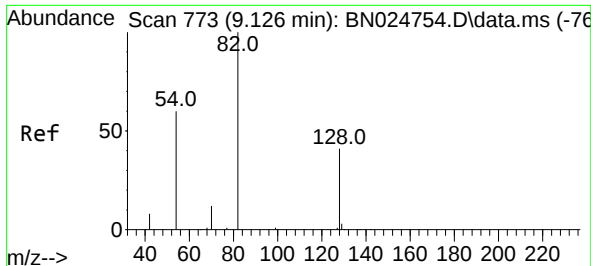
Tgt Ion: 99 Resp: 9118
Ion Ratio Lower Upper
99 100
42 30.6 22.8 34.2
71 36.0 28.2 42.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.750 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

Tgt Ion: 136 Resp: 23752
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 11.3 8.2 12.4
68 7.1 5.8 8.6

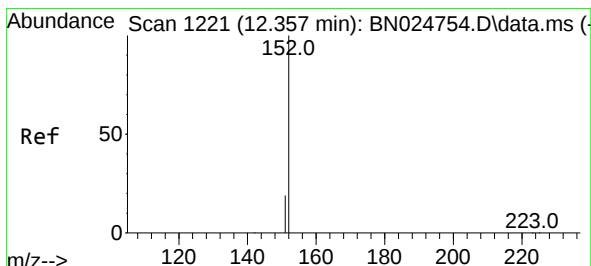
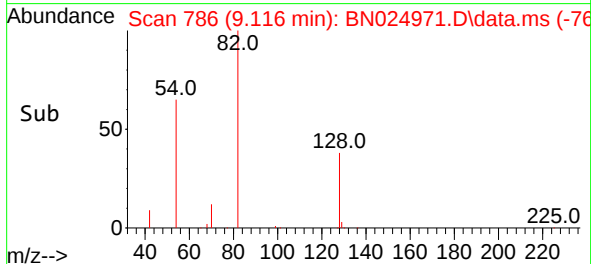
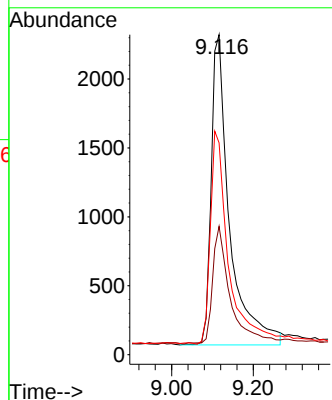
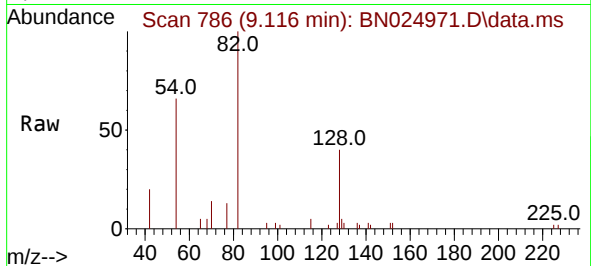




#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.116 min Scan# 773
Delta R.T. 0.011 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

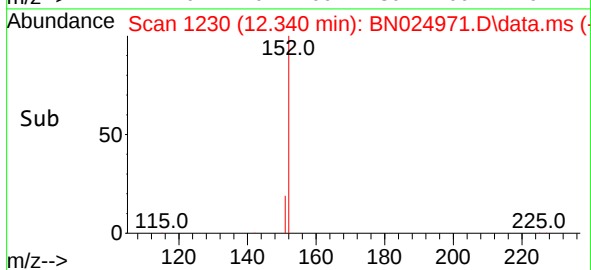
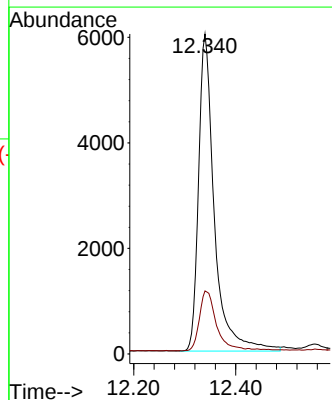
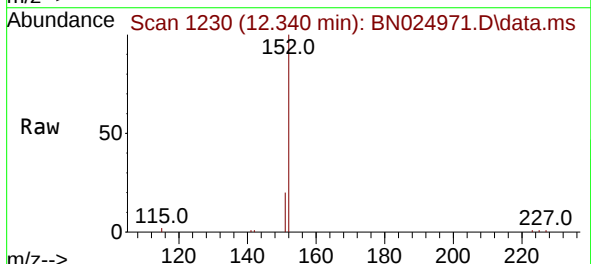
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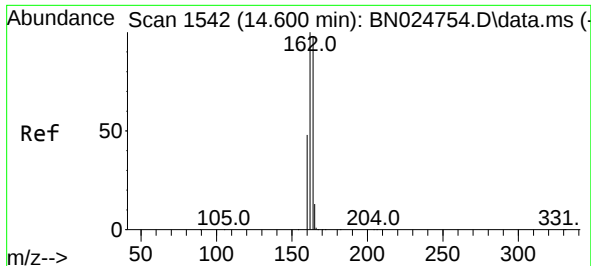
Tgt Ion: 82 Resp: 7015
Ion Ratio Lower Upper
82 100
128 40.1 33.8 50.6
54 66.2 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 12.340 min Scan# 1230
Delta R.T. 0.004 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

Tgt Ion: 152 Resp: 12954
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0

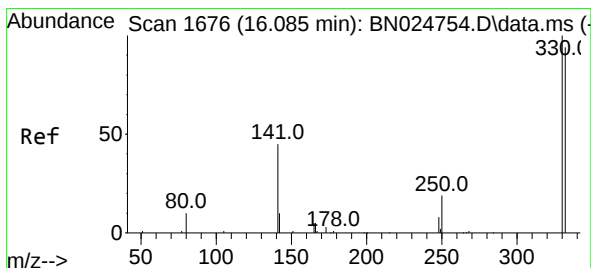
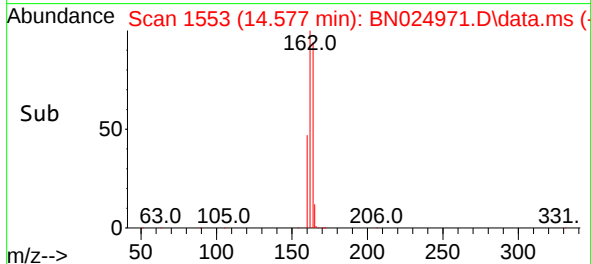
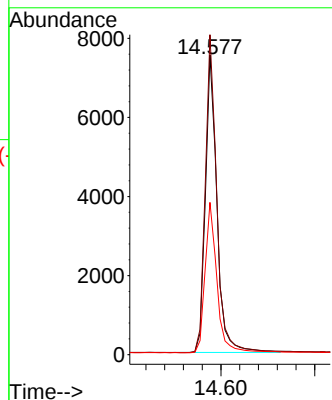
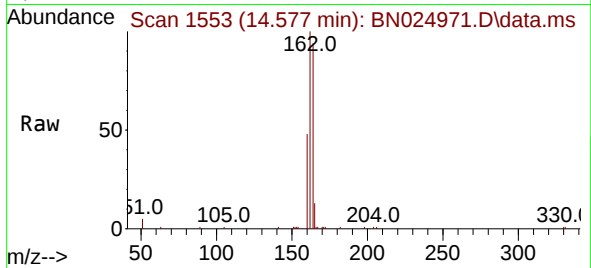




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

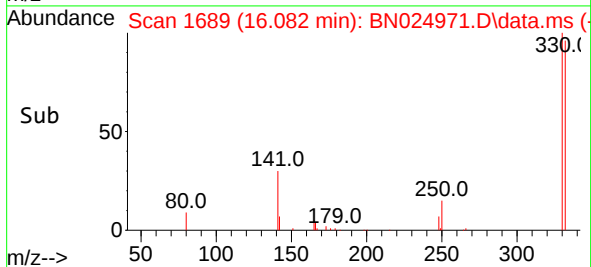
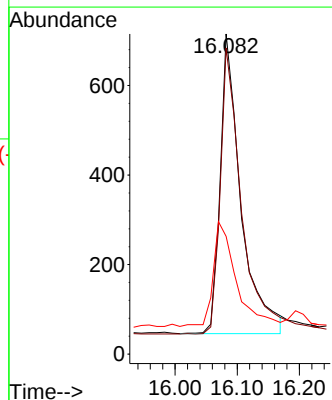
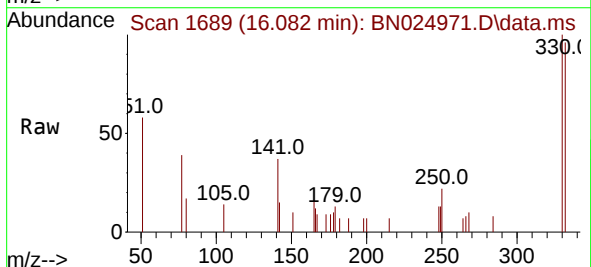
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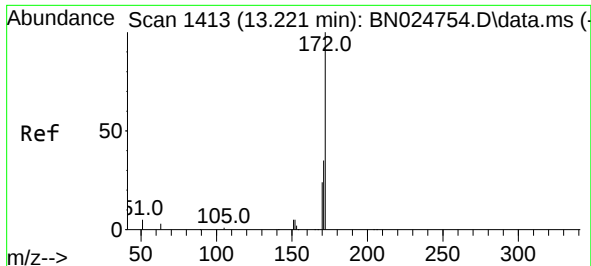
Tgt Ion:164 Resp: 12870
Ion Ratio Lower Upper
164 100
162 106.8 81.9 122.9
160 50.8 39.2 58.8



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 16.082 min Scan# 1689
Delta R.T. 0.012 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

Tgt Ion:330 Resp: 1548
Ion Ratio Lower Upper
330 100
332 97.4 77.9 116.9
141 38.6 31.0 46.6

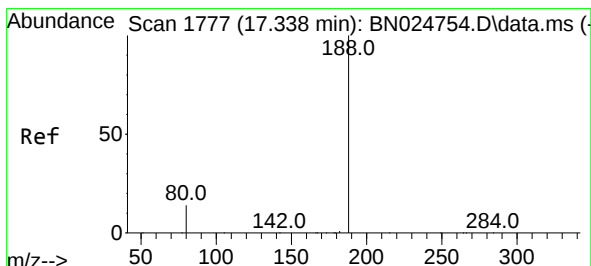
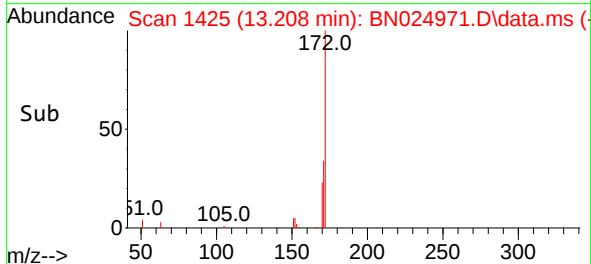
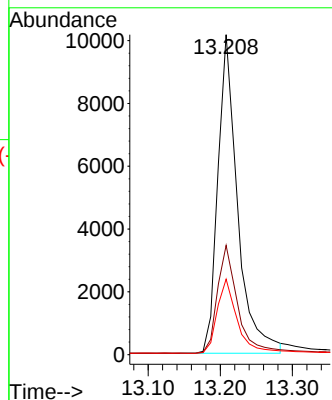
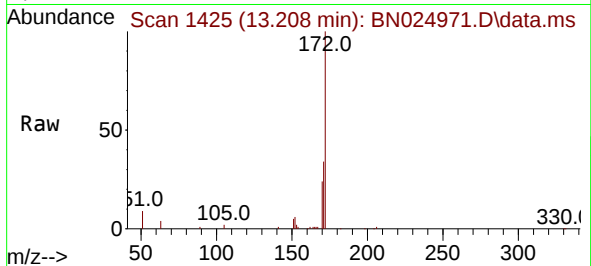




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.208 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

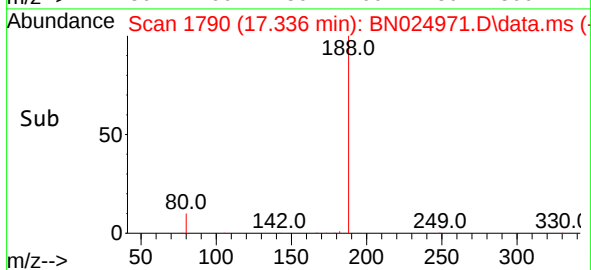
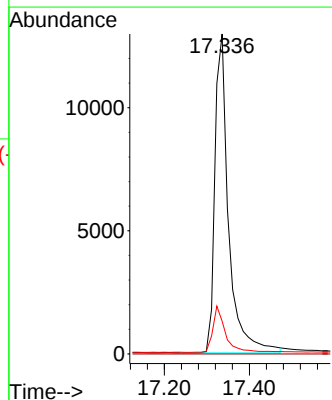
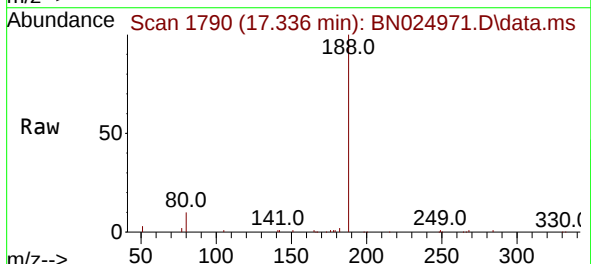
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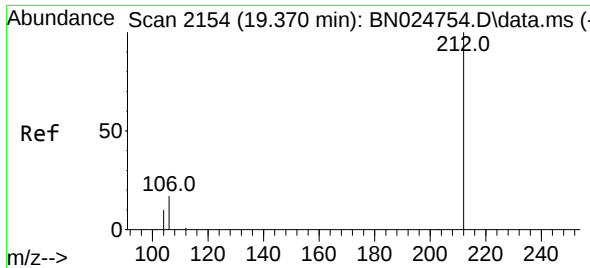
Tgt Ion:172 Resp: 19230
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.336 min Scan# 1790
Delta R.T. 0.012 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

Tgt Ion:188 Resp: 28925
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 11.3 16.9#

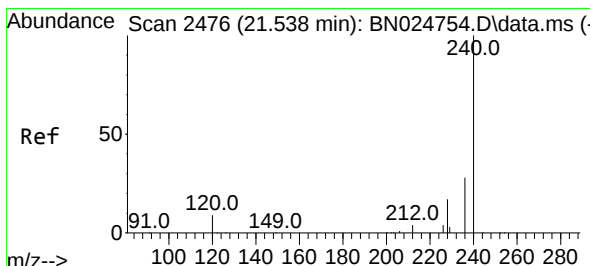
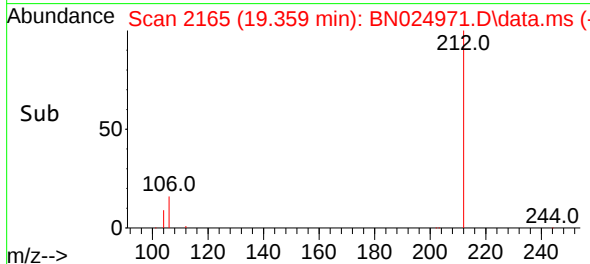
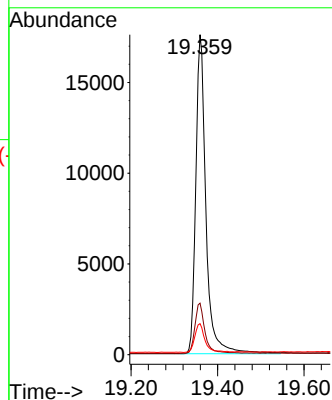
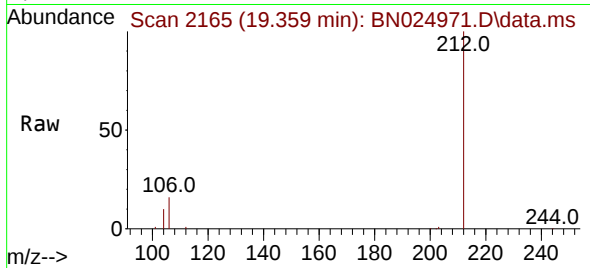




#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.359 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

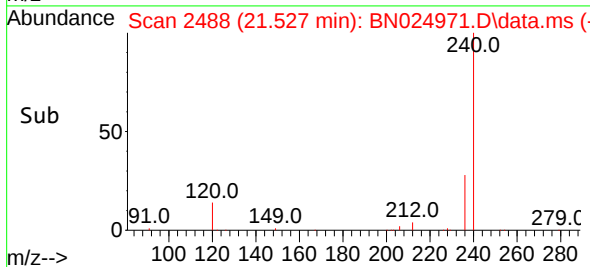
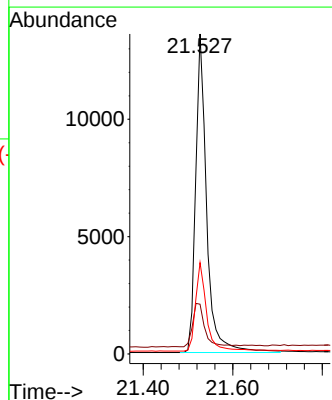
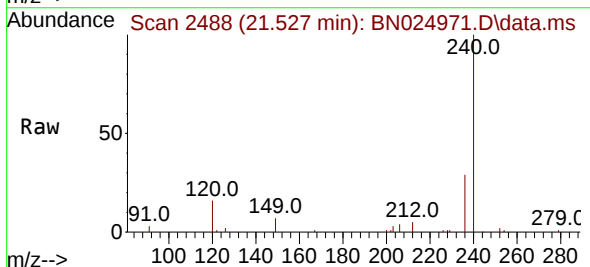
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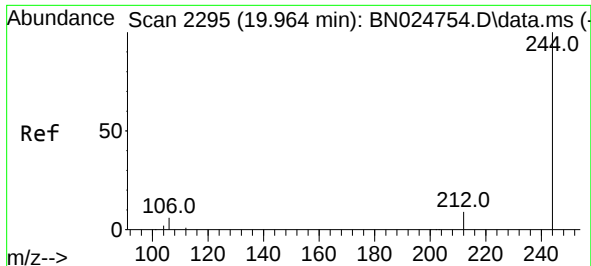
Tgt Ion:212 Resp: 28667
Ion Ratio Lower Upper
212 100
106 15.6 13.2 19.8
104 9.1 7.6 11.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.527 min Scan# 2488
Delta R.T. 0.005 min
Lab File: BN024971.D
Acq: 18 Apr 2023 10:30

Tgt Ion:240 Resp: 23182
Ion Ratio Lower Upper
240 100
120 15.6 8.8 13.2#
236 28.5 22.6 34.0

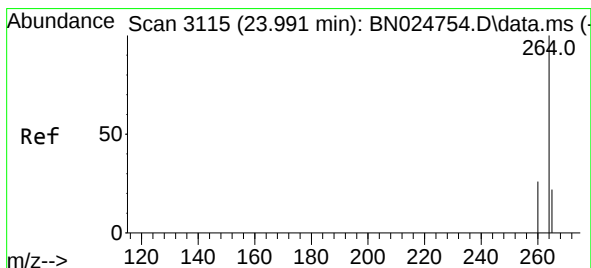
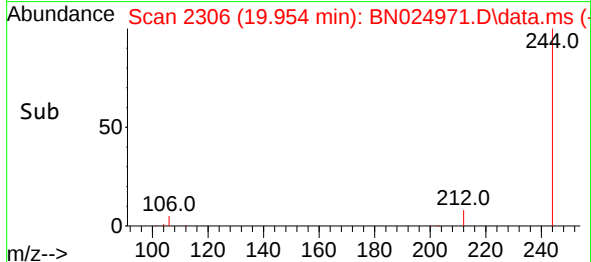
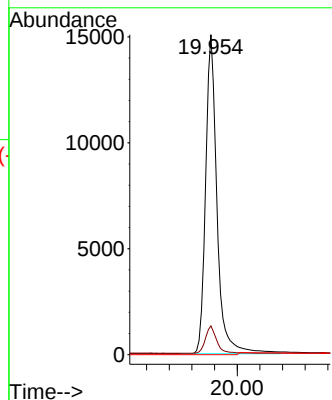
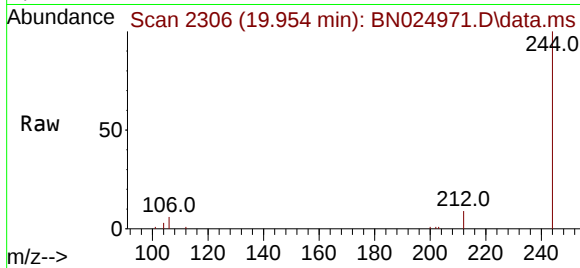




#31
 Terphenyl-d14
 Concen: 0.501 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024971.D
 Acq: 18 Apr 2023 10:30

Instrument :
 BNA_N
 ClientSampleId :
 PB152169BL

Tgt Ion:244 Resp: 26340
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.4 11.0
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.966 min Scan# 3120
 Delta R.T. -0.007 min
 Lab File: BN024971.D
 Acq: 18 Apr 2023 10:30

Tgt Ion:264 Resp: 19343
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.8 31.2
 265 68.2 46.5 69.7

