

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
 Data File : BN023718.D
 Acq On : 19 Jan 2023 14:54
 Operator : CG/JU
 Sample : 01221-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13-0118

Quant Time: Jan 20 04:16:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 04:14:02 2023
 Response via : Initial Calibration

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

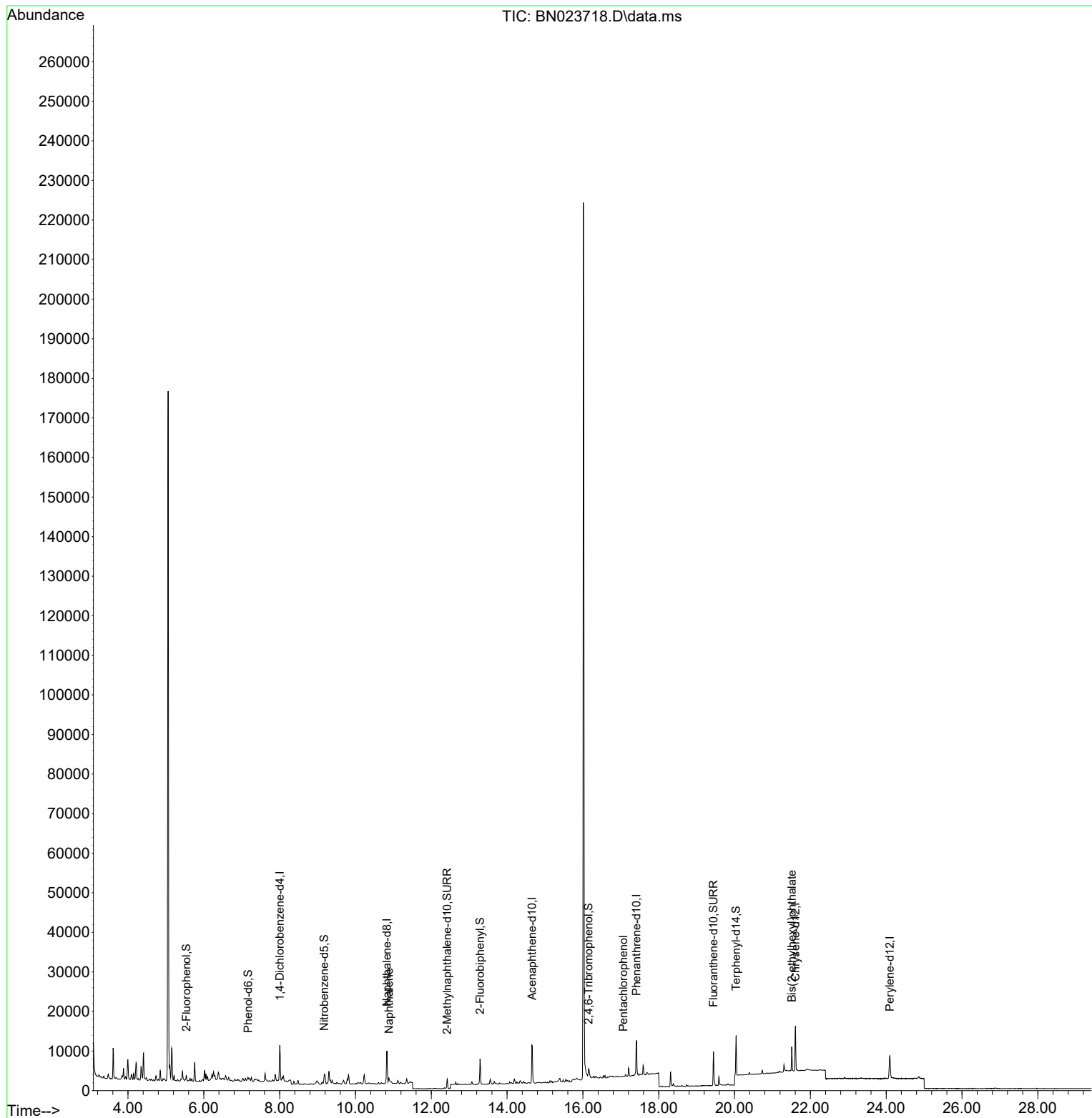
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	3839	0.400	ng	0.01
7) Naphthalene-d8	10.829	136	10446	0.400	ng	0.01
13) Acenaphthene-d10	14.655	164	5973	0.400	ng	0.01
19) Phenanthrene-d10	17.414	188	12584	0.400	ng	0.01
29) Chrysene-d12	21.607	240	10656	0.400	ng	# 0.02
35) Perylene-d12	24.094	264	8553	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.543	112	1140	0.141	ng	0.02
5) Phenol-d6	7.168	99	842	0.088	ng	0.02
8) Nitrobenzene-d5	9.174	82	1680	0.203	ng	0.01
11) 2-Methylnaphthalene-d10	12.420	152	2982	0.207	ng	0.01
14) 2,4,6-Tribromophenol	16.148	330	900	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	5209	0.205	ng	0.01
27) Fluoranthene-d10	19.443	212	9095	0.308	ng	0.00
31) Terphenyl-d14	20.040	244	7030	0.418	ng	0.00
Target Compounds						
9) Naphthalene	10.882	128	1294	0.048	ng	# 71
24) Pentachlorophenol	17.067	266	89	0.184	ng	94
34) Bis(2-ethylhexyl)phtha...	21.509	149	5103	0.338	ng	97

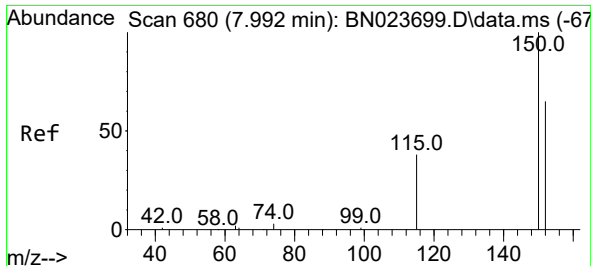
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023718.D
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Operator : CG/JU
Sample : 01221-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
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MW-13-0118

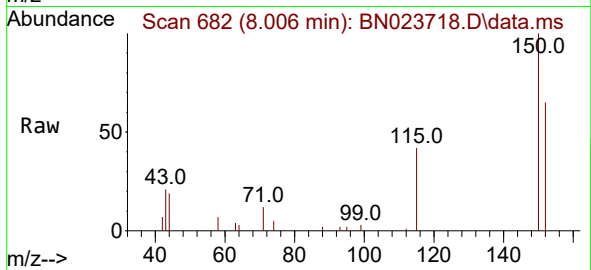
Quant Time: Jan 20 04:16:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration



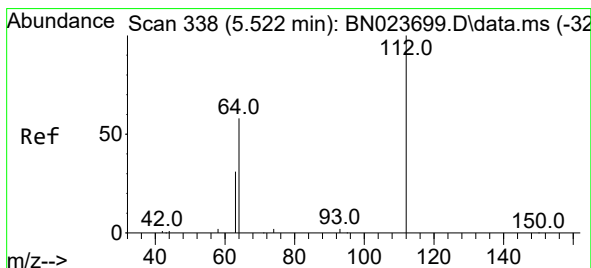
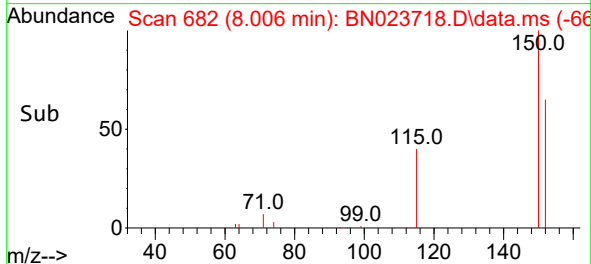
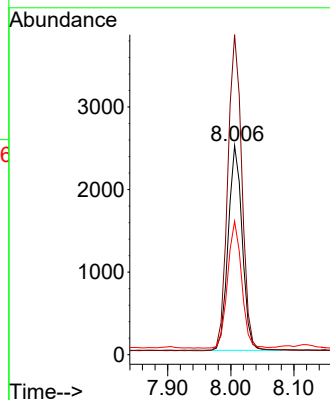


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.006 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Instrument :
BNA_N
ClientSampleId :
MW-13-0118

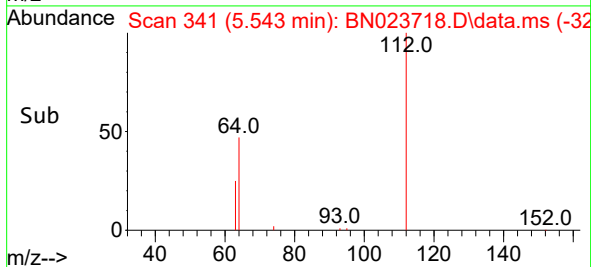
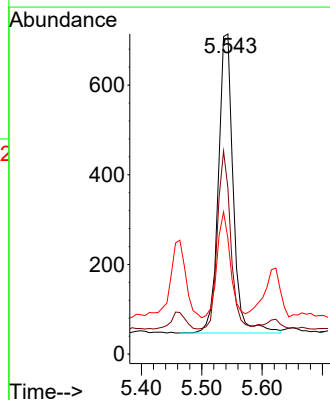
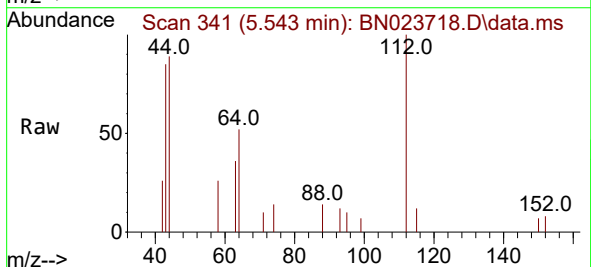


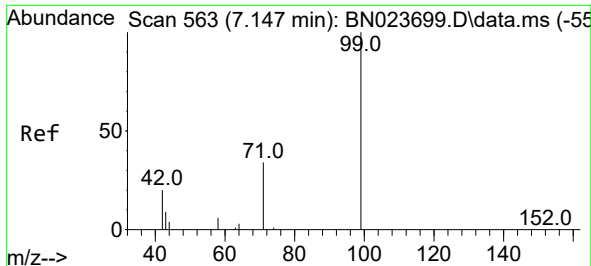
Tgt Ion:152 Resp: 3839
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 63.8 48.2 72.4



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.543 min Scan# 341
Delta R.T. 0.021 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion:112 Resp: 1140
Ion Ratio Lower Upper
112 100
64 52.5 45.8 68.8
63 31.6 25.3 37.9

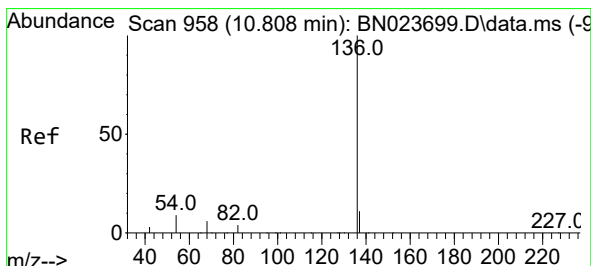
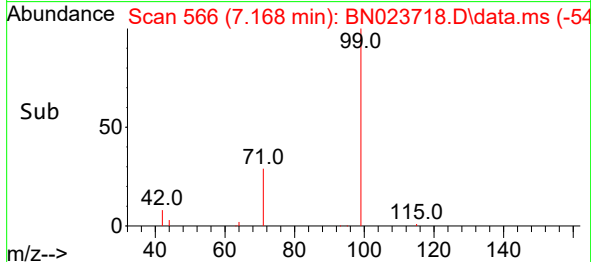
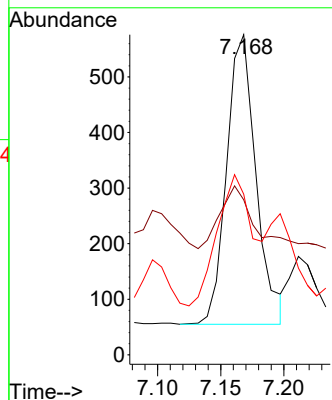
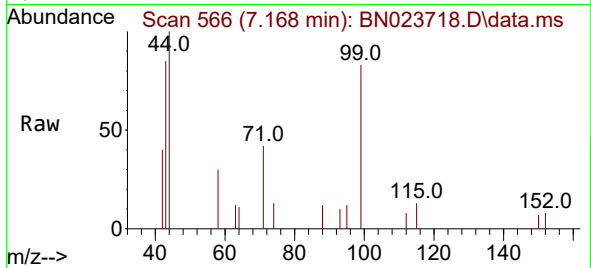




#5
Phenol-d6
Concen: 0.088 ng
RT: 7.168 min Scan# 50
Delta R.T. 0.021 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

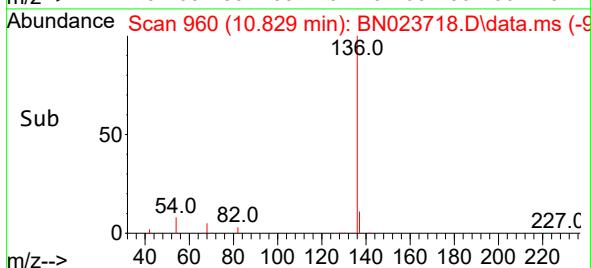
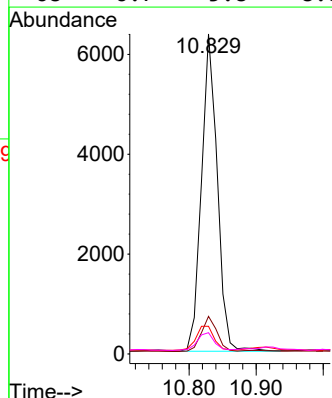
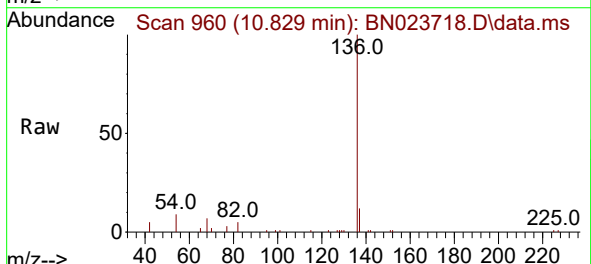
Instrument :
BNA_N
ClientSampleId :
MW-13-0118

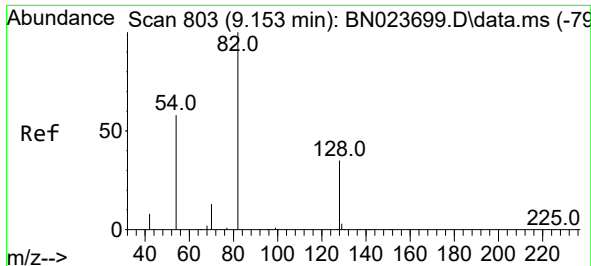
Tgt Ion: 99 Resp: 842
Ion Ratio Lower Upper
99 100
42 44.5 19.4 29.0#
71 55.3 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 960
Delta R.T. 0.010 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion: 136 Resp: 10446
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 8.6 7.5 11.3
68 6.7 5.8 8.8

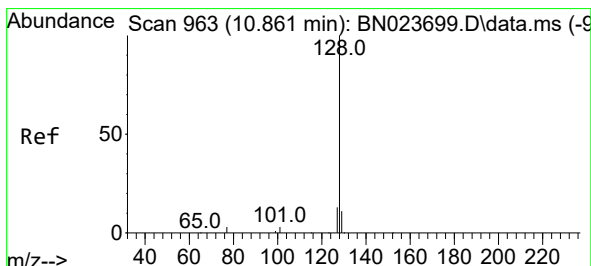
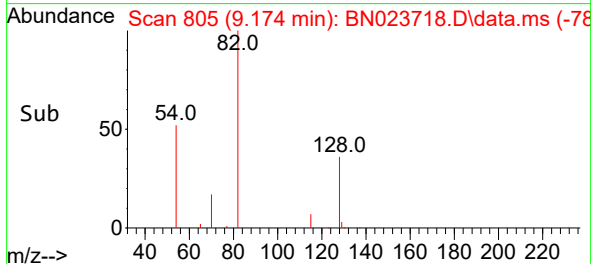
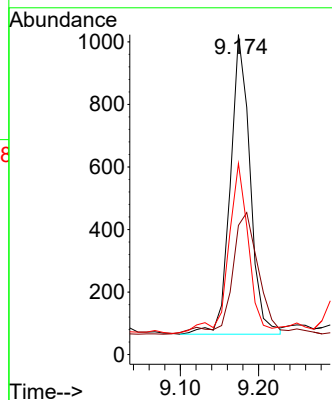
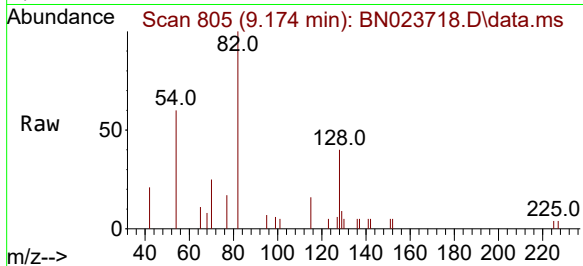




#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 9.174 min Scan# 803
Delta R.T. 0.010 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

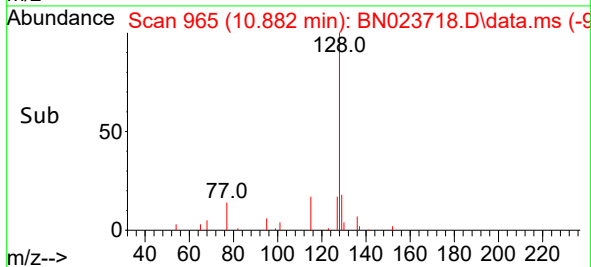
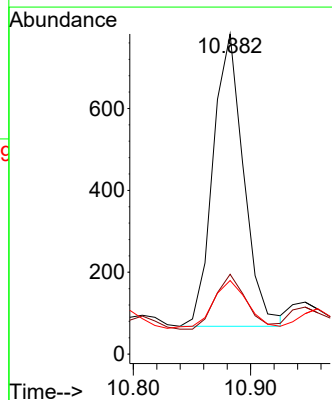
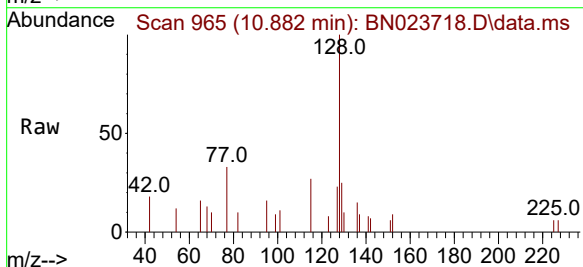
Instrument :
BNA_N
ClientSampleId :
MW-13-0118

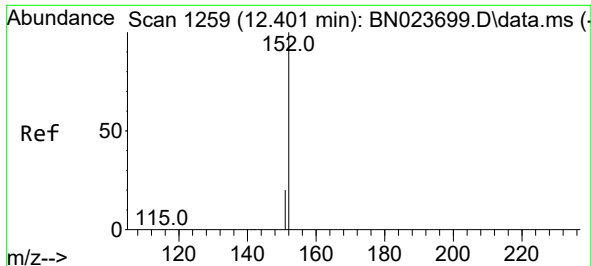
Tgt Ion: 82 Resp: 1680
Ion Ratio Lower Upper
82 100
128 40.4 30.2 45.2
54 59.7 47.3 70.9



#9
Naphthalene
Concen: 0.048 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.021 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion: 128 Resp: 1294
Ion Ratio Lower Upper
128 100
129 24.9 9.2 13.8#
127 23.0 10.9 16.3#

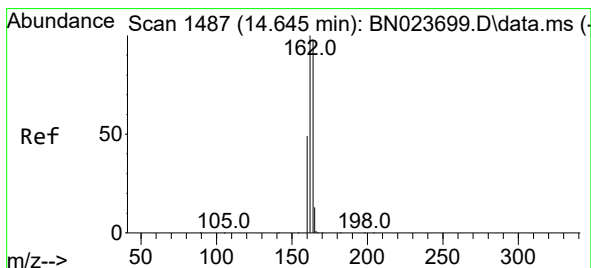
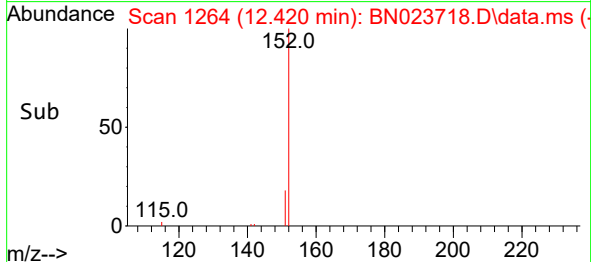
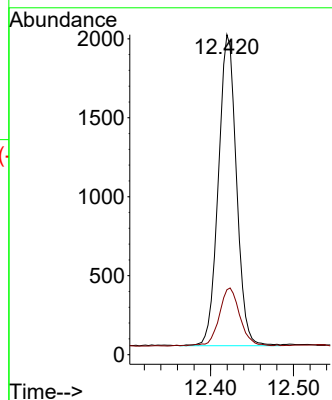
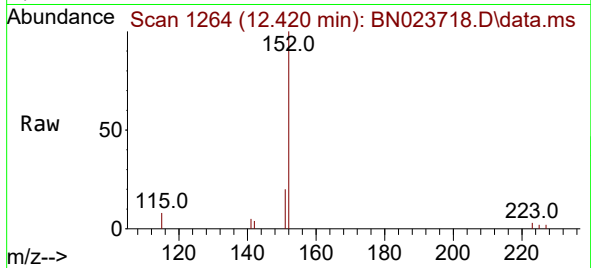




#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.420 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

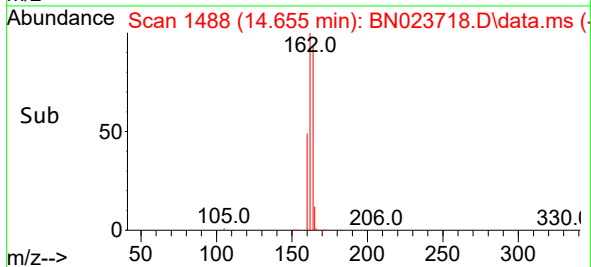
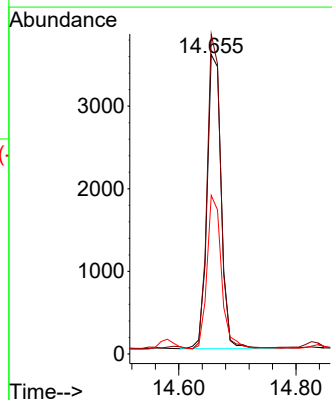
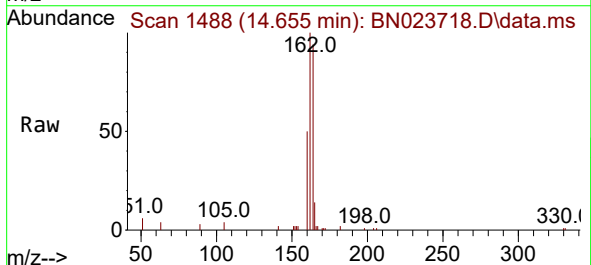
Instrument :
BNA_N
ClientSampleId :
MW-13-0118

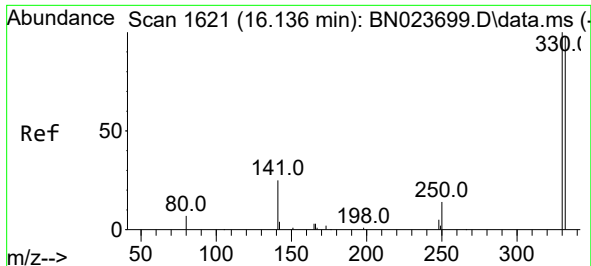
Tgt Ion:152 Resp: 2982
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. 0.010 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion:164 Resp: 5973
Ion Ratio Lower Upper
164 100
162 106.9 81.8 122.6
160 53.0 40.3 60.5

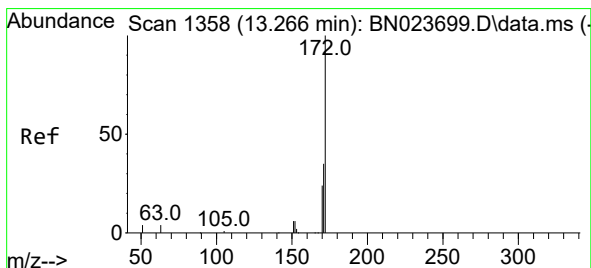
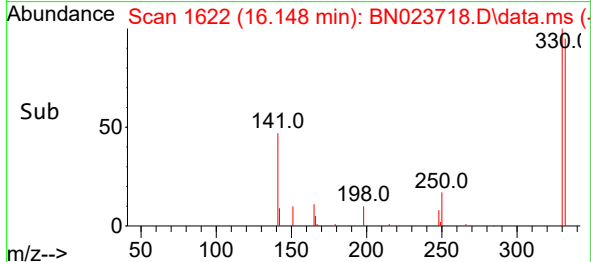
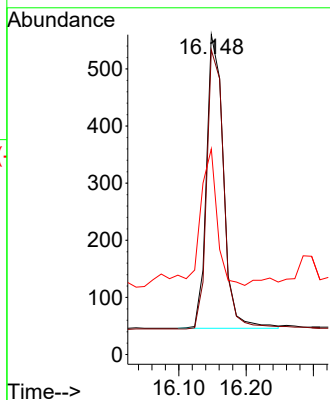
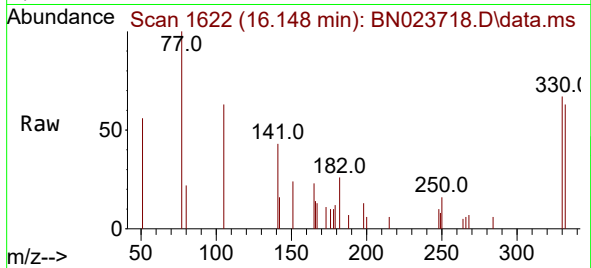




#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 16.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

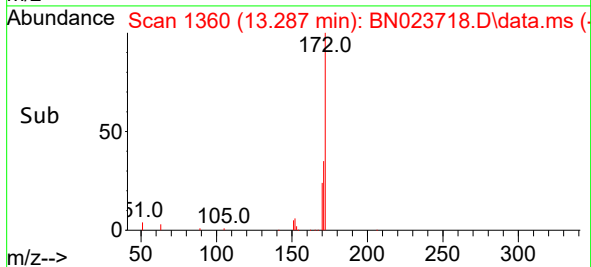
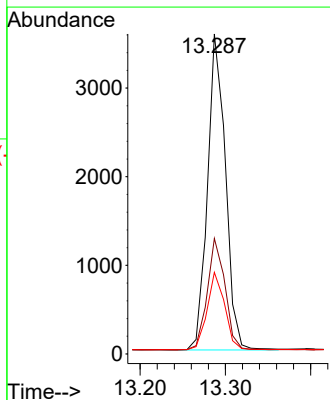
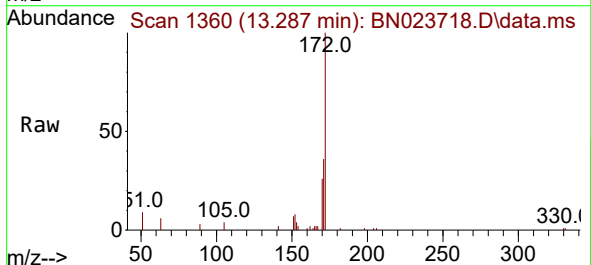
Instrument :
BNA_N
ClientSampleId :
MW-13-0118

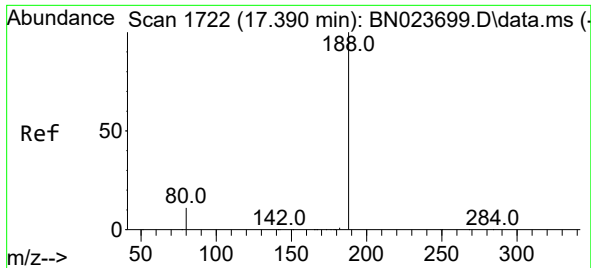
Tgt Ion:330 Resp: 900
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 43.3 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.287 min Scan# 1360
Delta R.T. 0.010 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion:172 Resp: 5209
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 25.5 20.0 30.0

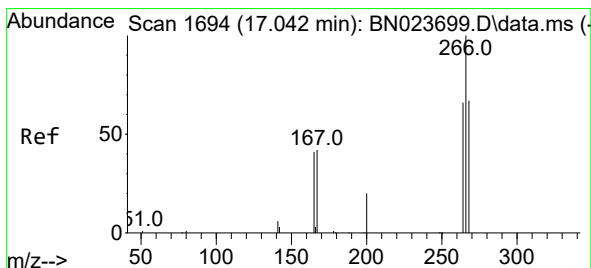
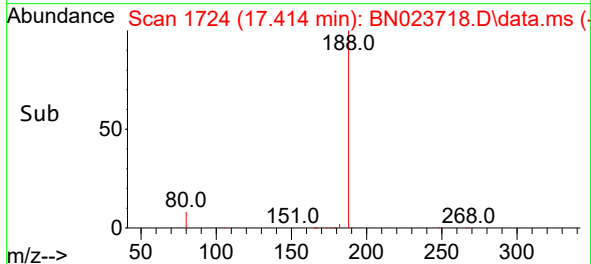
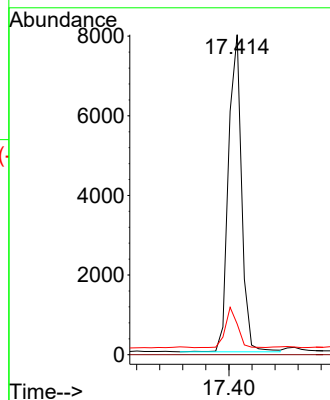
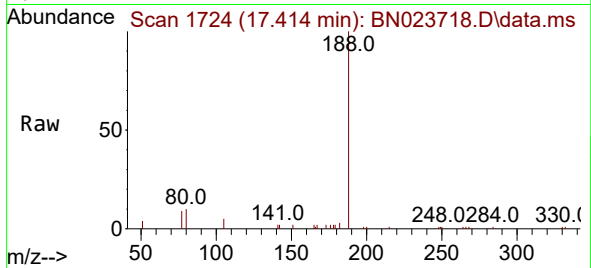




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.414 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

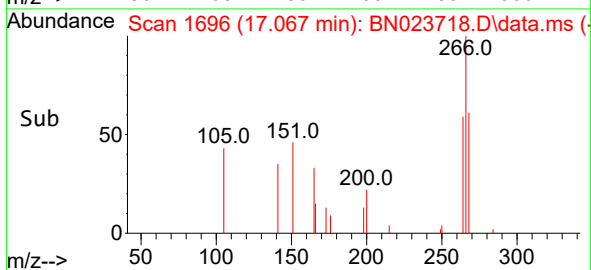
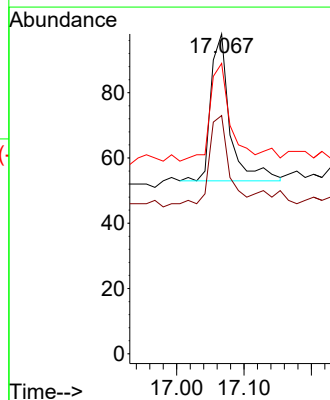
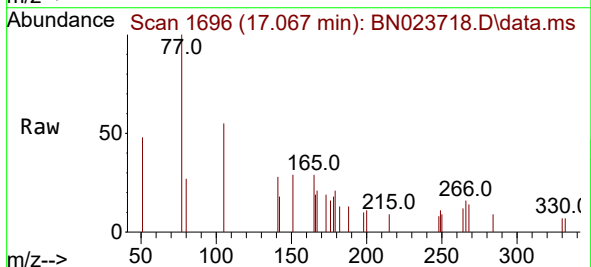
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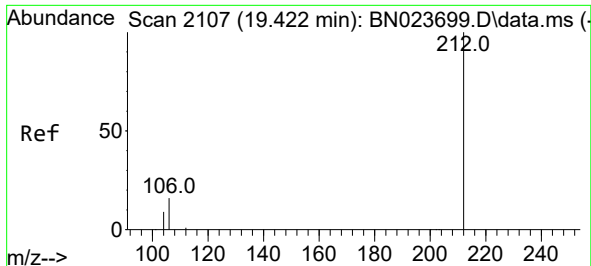
Tgt Ion:188 Resp: 12584
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.5 14.3



#24
Pentachlorophenol
Concen: 0.184 ng
RT: 17.067 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion:266 Resp: 89
Ion Ratio Lower Upper
266 100
264 58.4 51.4 77.2
268 69.7 52.3 78.5

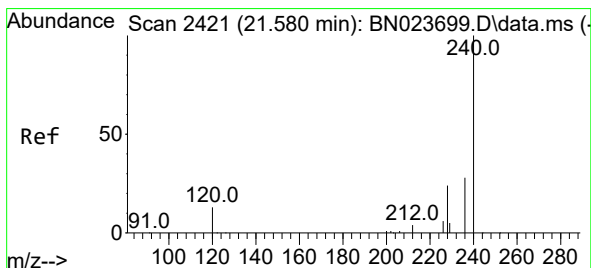
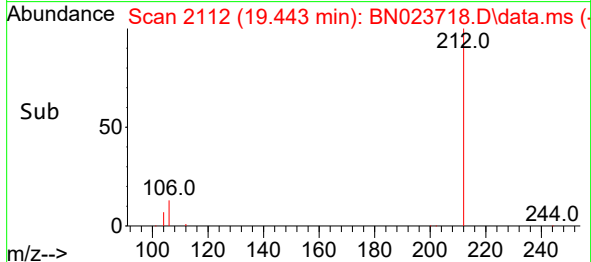
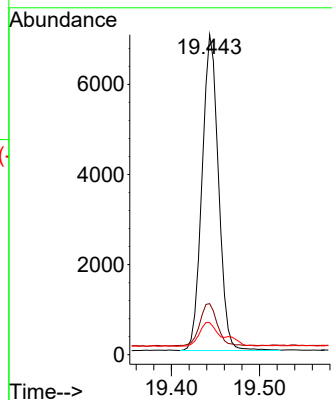
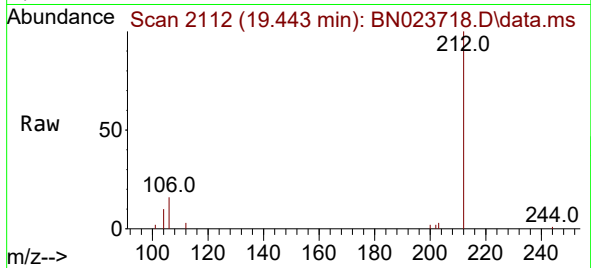




#27
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.443 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

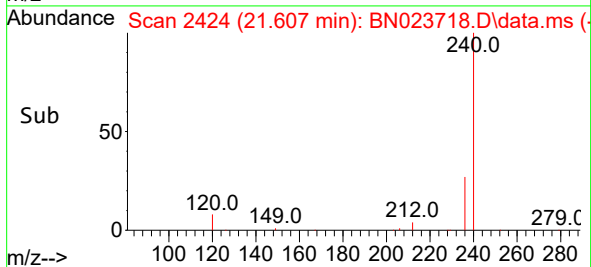
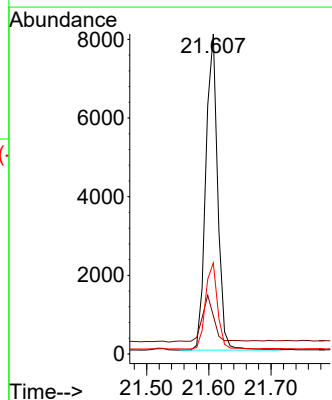
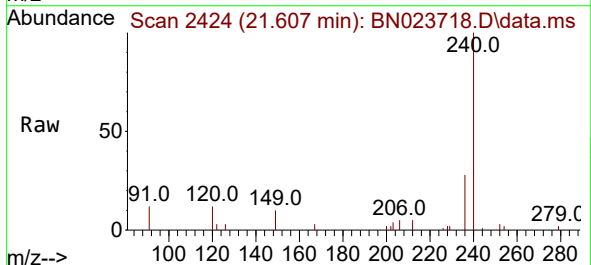
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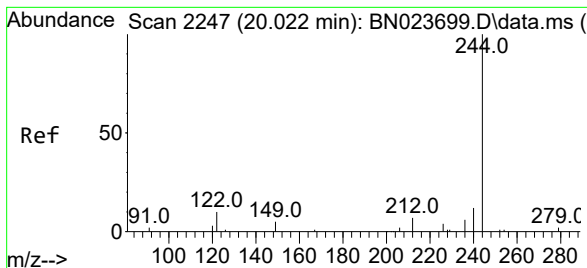
Tgt Ion:212 Resp: 9095
Ion Ratio Lower Upper
212 100
106 14.2 12.4 18.6
104 10.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.607 min Scan# 2424
Delta R.T. 0.018 min
Lab File: BN023718.D
Acq: 19 Jan 2023 14:54

Tgt Ion:240 Resp: 10656
Ion Ratio Lower Upper
240 100
120 12.0 12.0 18.0#
236 28.4 22.8 34.2





#31

Terphenyl-d14

Concen: 0.418 ng

RT: 20.040 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN023718.D

Acq: 19 Jan 2023 14:54

Instrument :

BNA_N

ClientSampleId :

MW-13-0118

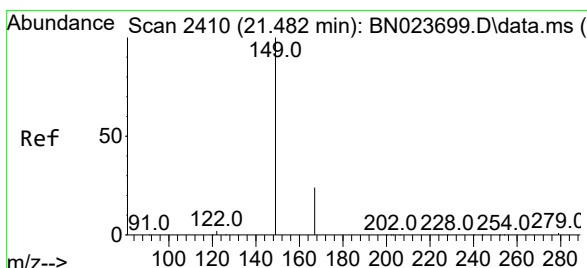
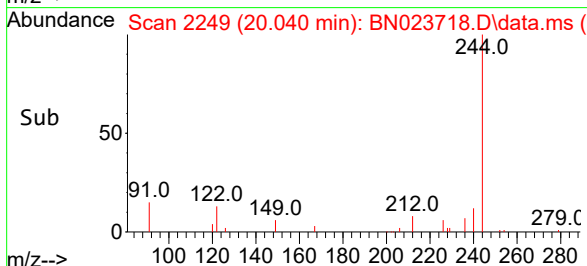
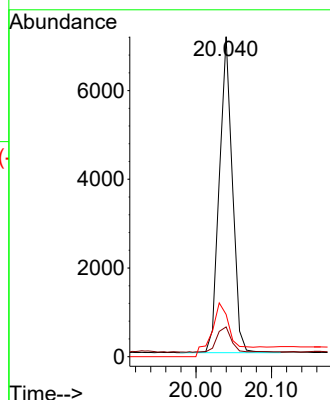
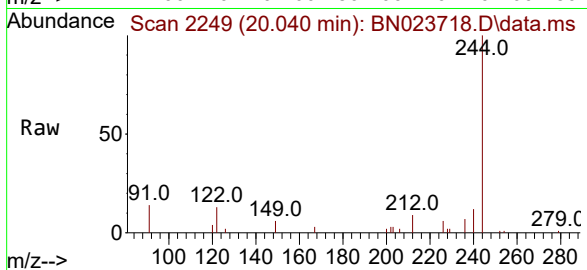
Tgt Ion:244 Resp: 7030

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

122 13.2 7.6 11.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.338 ng

RT: 21.509 min Scan# 2413

Delta R.T. 0.009 min

Lab File: BN023718.D

Acq: 19 Jan 2023 14:54

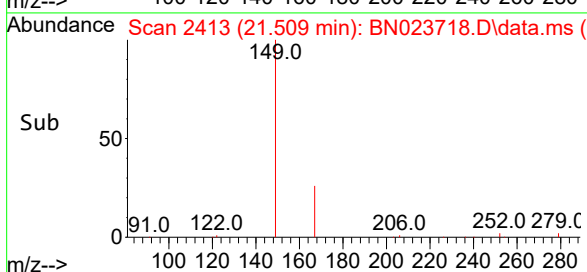
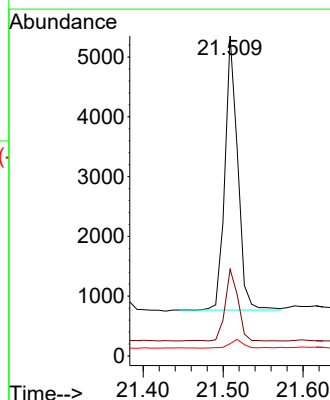
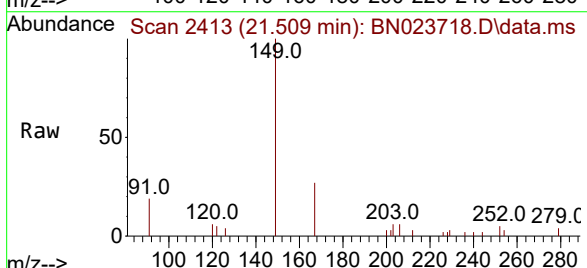
Tgt Ion:149 Resp: 5103

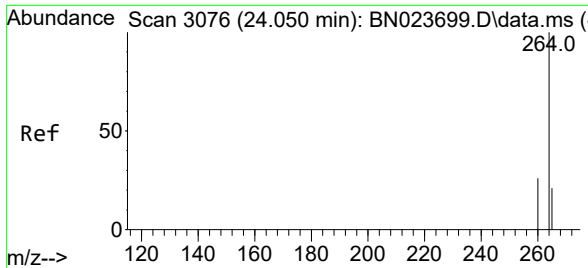
Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

279 3.4 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.094 min Scan# 30
 Delta R.T. 0.020 min
 Lab File: BN023718.D
 Acq: 19 Jan 2023 14:54

Instrument :
 BNA_N
 ClientSampleId :
 MW-13-0118

Tgt Ion:264 Resp: 8553

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	62.9	49.9	74.9

