

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027339.D
 Acq On : 01 Sep 2023 10:38
 Operator : MA/JU
 Sample : 04229-02
 Misc :
 ALS Vial : 120 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-6.5-082923

Quant Time: Sep 02 01:52:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

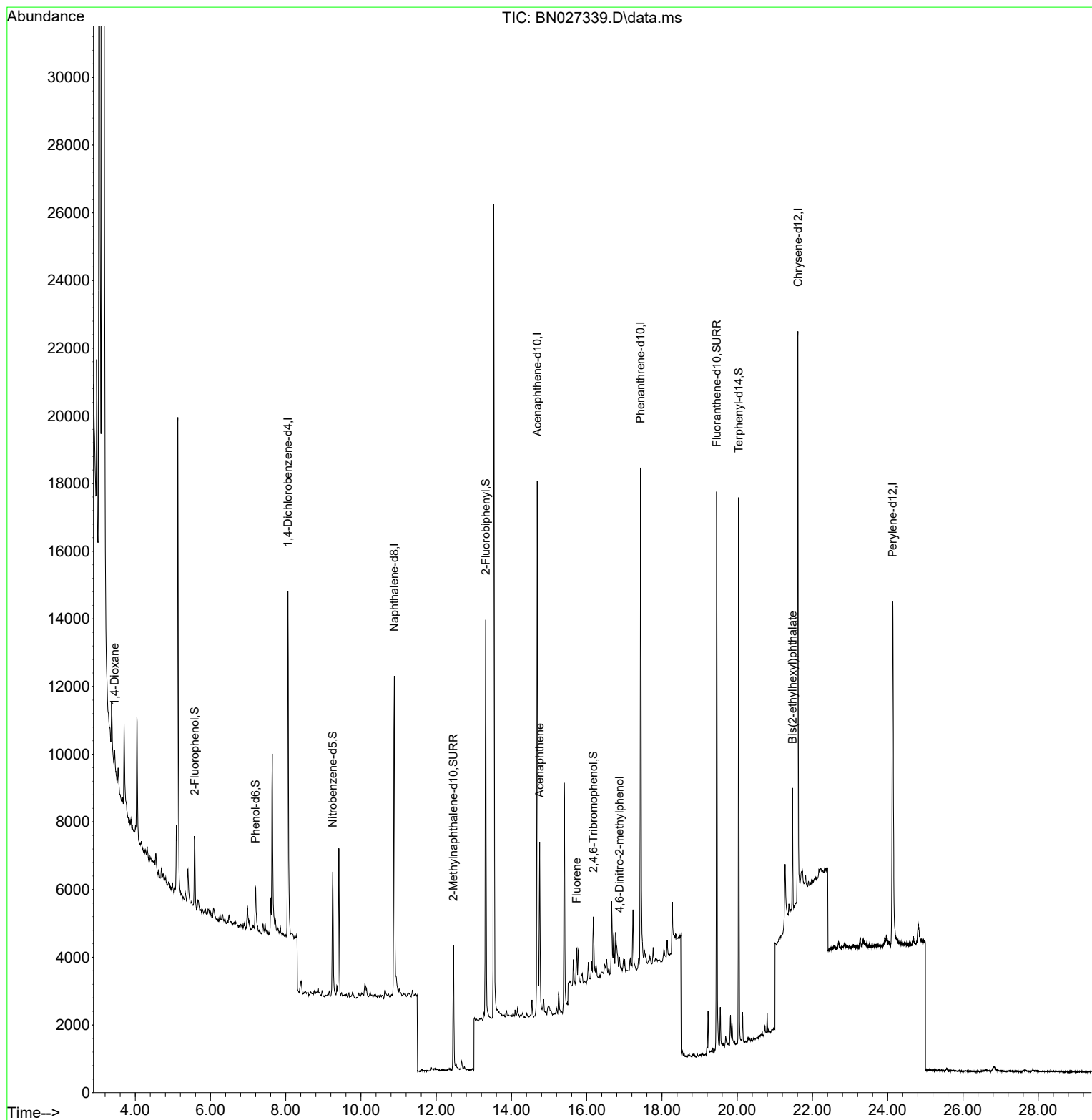
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4989	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	14097	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	9549	0.400	ng	0.00
19) Phenanthrene-d10	17.430	188	21869	0.400	ng	0.00
29) Chrysene-d12	21.614	240	18289	0.400	ng	# 0.00
35) Perylene-d12	24.133	264	16743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	1814	0.139	ng	0.00
5) Phenol-d6	7.199	99	1287	0.081	ng	0.00
8) Nitrobenzene-d5	9.251	82	3264	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	5546	0.268	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	1190	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	10579	0.291	ng	0.00
27) Fluoranthene-d10	19.453	212	18339	0.337	ng	0.00
31) Terphenyl-d14	20.039	244	14767	0.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	735	0.121	ng	# 50
17) Acenaphthene	14.747	154	2452	0.085	ng	99
18) Fluorene	15.730	166	935	0.024	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.872	198	10	0.032	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.471	149	3191	0.105	ng	95

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

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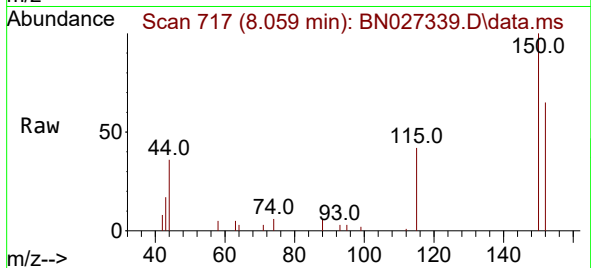
Quant Time: Sep 02 01:52:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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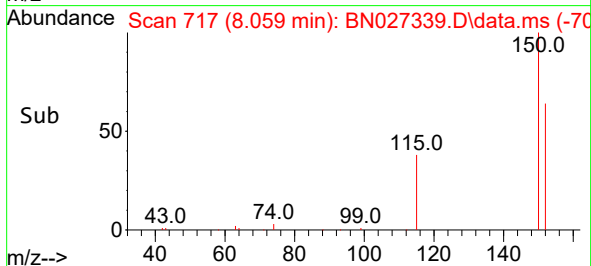
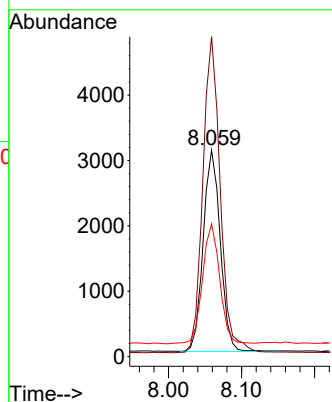


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.059 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-082923

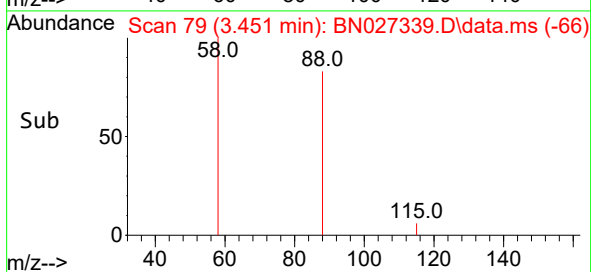
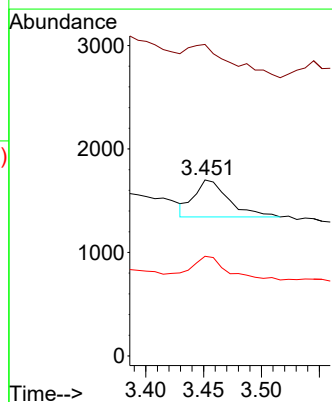
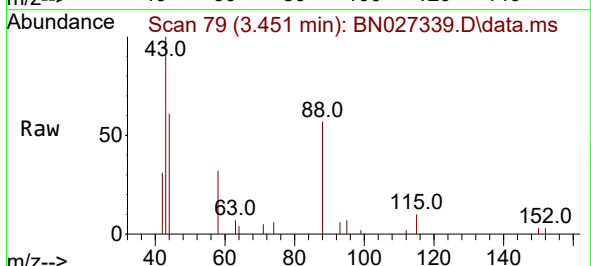


Tgt Ion:152 Resp: 4989
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 64.3 48.6 73.0



#2
1,4-Dioxane
Concen: 0.121 ng
RT: 3.451 min Scan# 79
Delta R.T. -0.007 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

Tgt Ion: 88 Resp: 735
Ion Ratio Lower Upper
88 100
43 112.8 19.1 28.7#
58 66.5 52.2 78.2





#4

2-Fluorophenol

Concen: 0.139 ng

RT: 5.582 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

Instrument :

BNA_N

ClientSampleId :

MW-07-6.5-082923

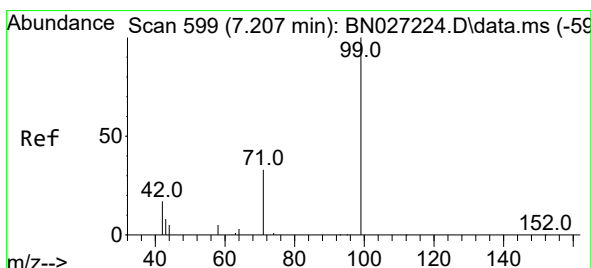
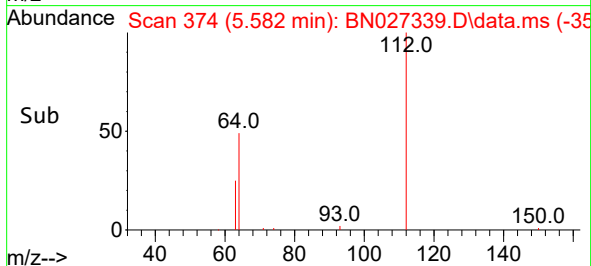
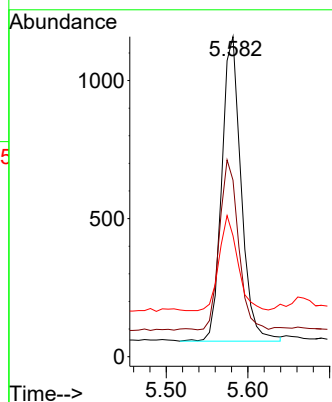
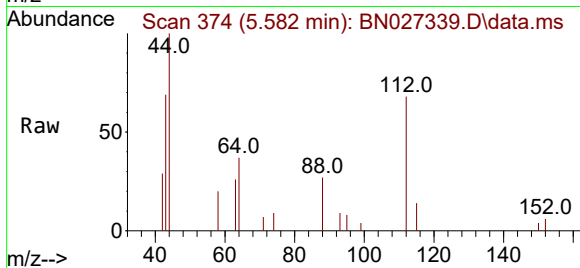
Tgt Ion:112 Resp: 1814

Ion Ratio Lower Upper

112 100

64 54.6 44.4 66.6

63 29.8 23.1 34.7



#5

Phenol-d6

Concen: 0.081 ng

RT: 7.199 min Scan# 598

Delta R.T. 0.000 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

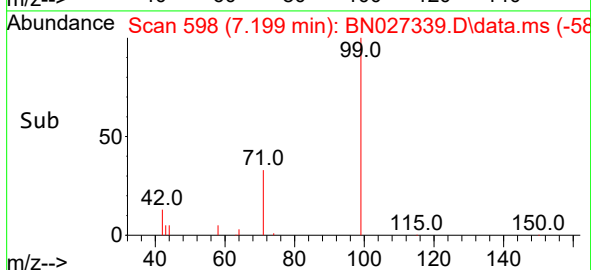
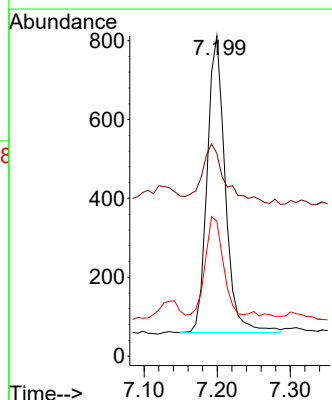
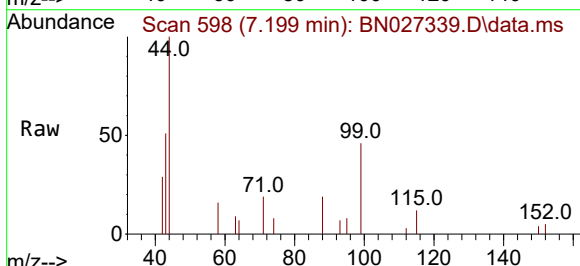
Tgt Ion: 99 Resp: 1287

Ion Ratio Lower Upper

99 100

42 25.6 14.5 21.7#

71 32.3 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

Instrument :

BNA_N

ClientSampleId :

MW-07-6.5-082923

Tgt Ion:136 Resp: 14097

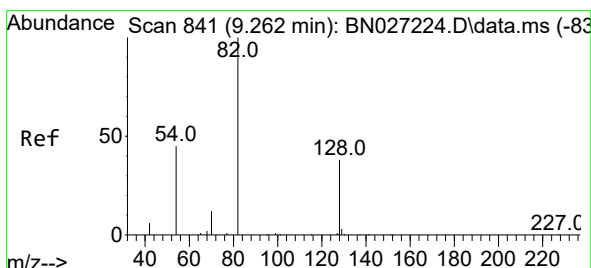
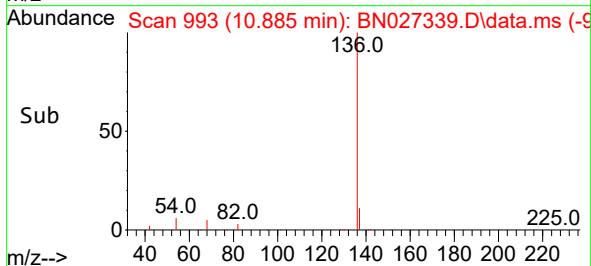
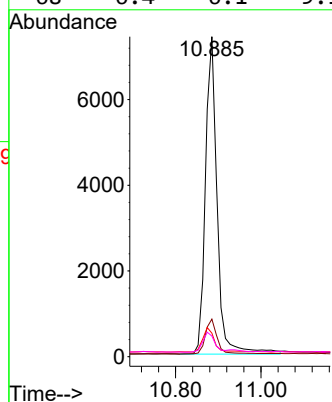
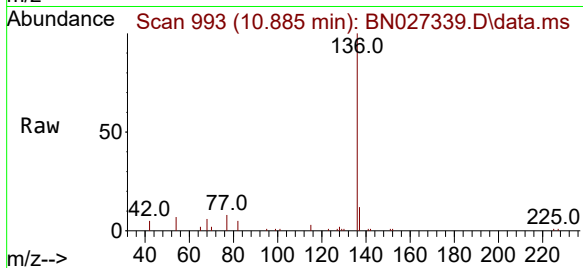
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 7.4 6.7 10.1

68 6.4 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.318 ng

RT: 9.251 min Scan# 840

Delta R.T. 0.000 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

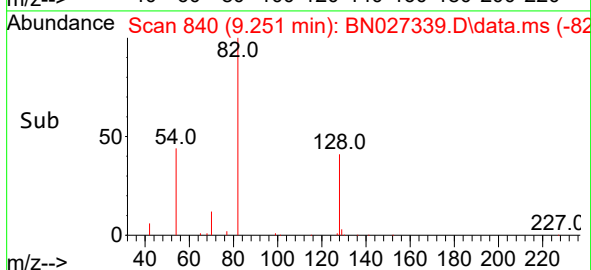
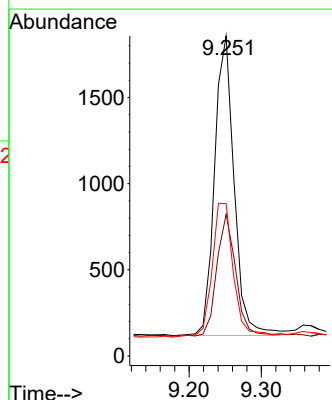
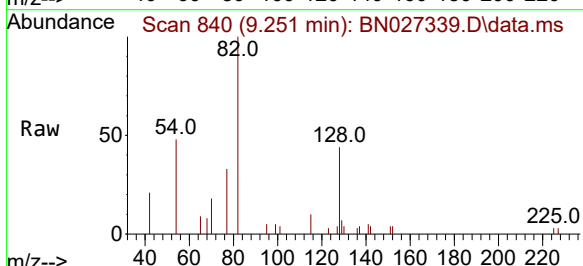
Tgt Ion: 82 Resp: 3264

Ion Ratio Lower Upper

82 100

128 44.3 33.4 50.0

54 47.6 37.7 56.5

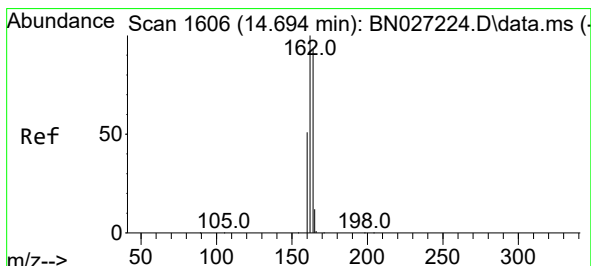
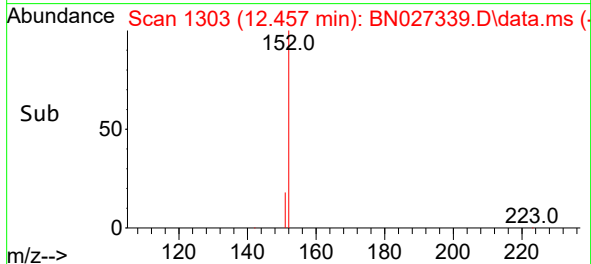
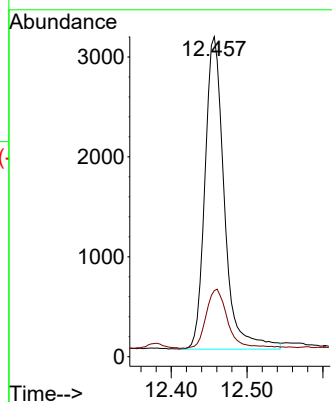
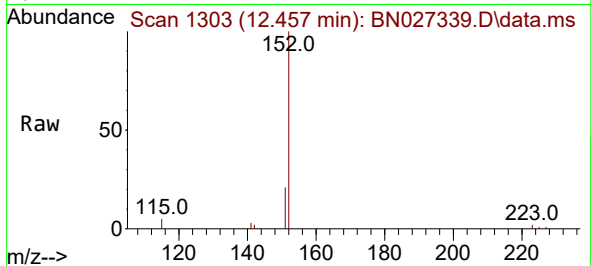




#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

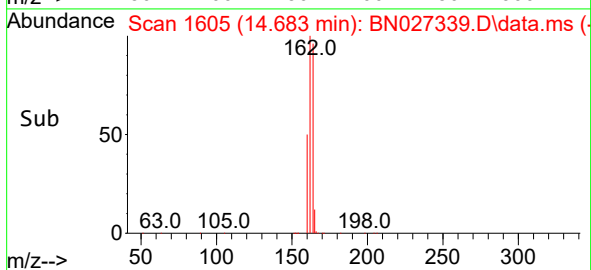
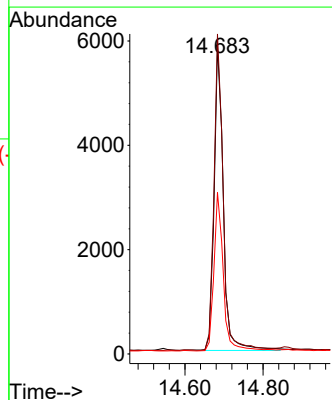
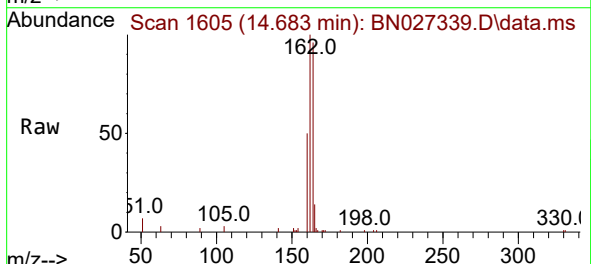
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-082923

Tgt Ion:152 Resp: 5546
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

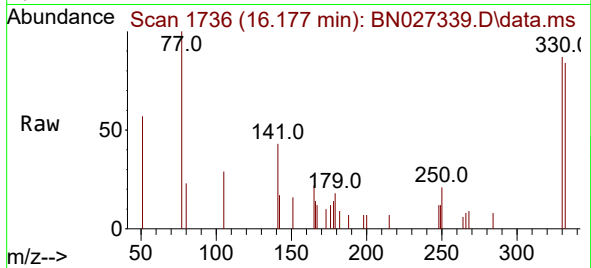
Tgt Ion:164 Resp: 9549
Ion Ratio Lower Upper
164 100
162 104.0 85.8 128.8
160 52.5 44.2 66.2



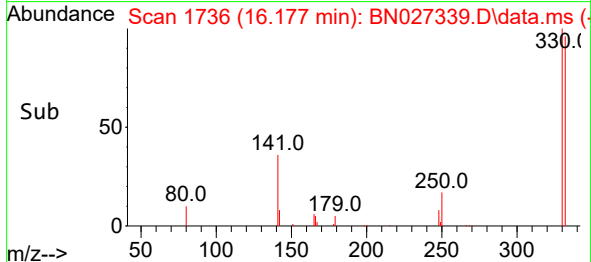
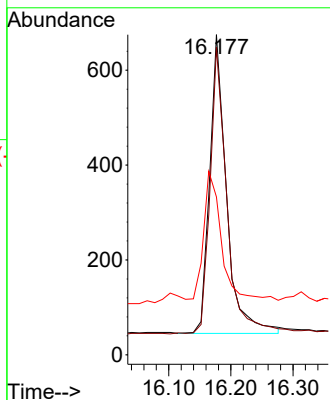


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 16.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-082923

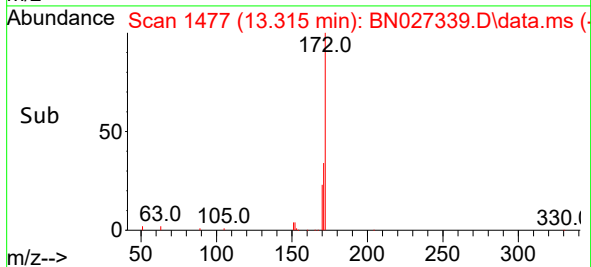
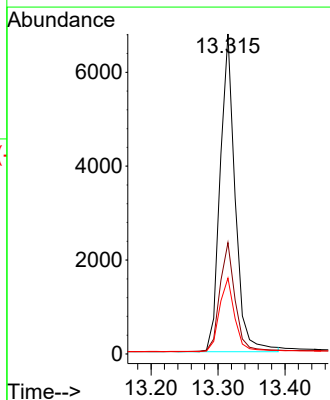
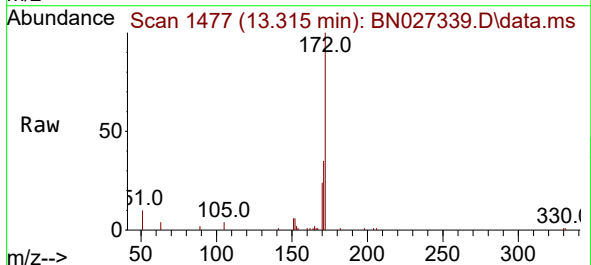


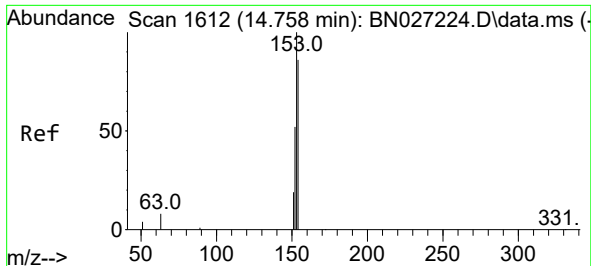
Tgt Ion:330 Resp: 1190
Ion Ratio Lower Upper
330 100
332 95.5 75.2 112.8
141 45.0 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.315 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

Tgt Ion:172 Resp: 10579
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.7 19.3 28.9

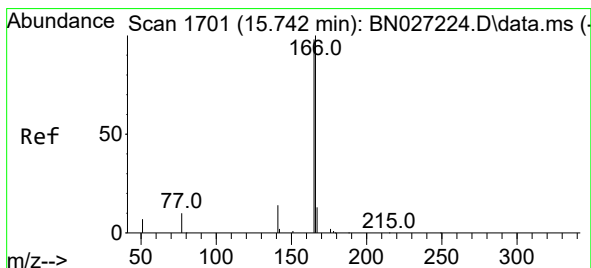
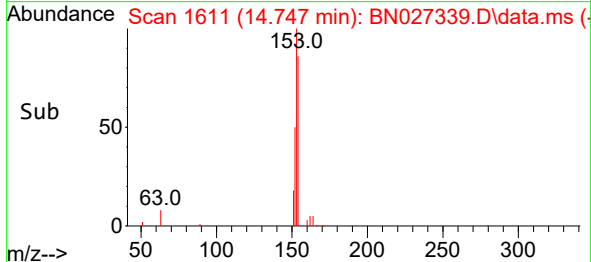
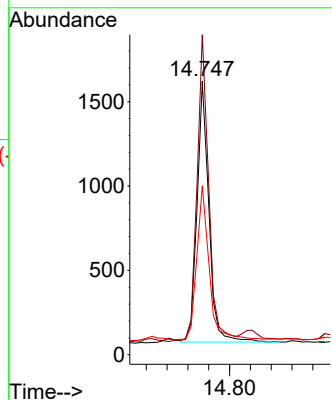
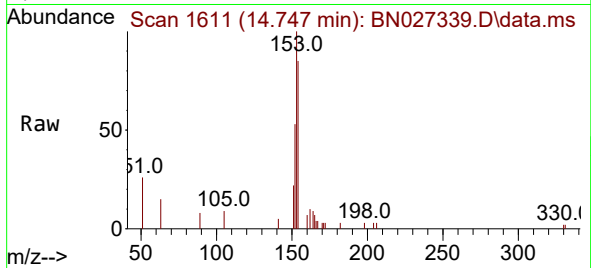




#17
Acenaphthene
Concen: 0.085 ng
RT: 14.747 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

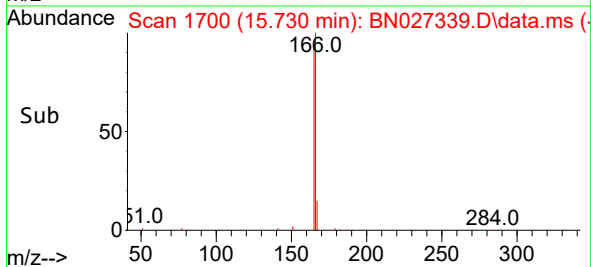
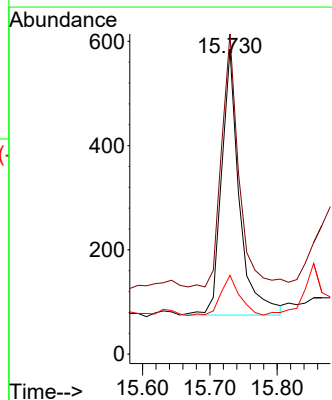
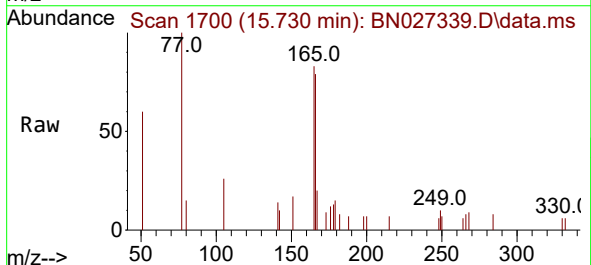
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-082923

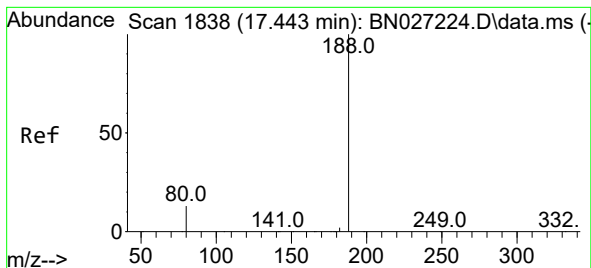
Tgt Ion:154 Resp: 2452
Ion Ratio Lower Upper
154 100
153 115.6 93.1 139.7
152 61.6 48.6 73.0



#18
Fluorene
Concen: 0.024 ng
RT: 15.730 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

Tgt Ion:166 Resp: 935
Ion Ratio Lower Upper
166 100
165 92.6 79.0 118.4
167 16.4 10.8 16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.430 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

Instrument :

BNA_N

ClientSampleId :

MW-07-6.5-082923

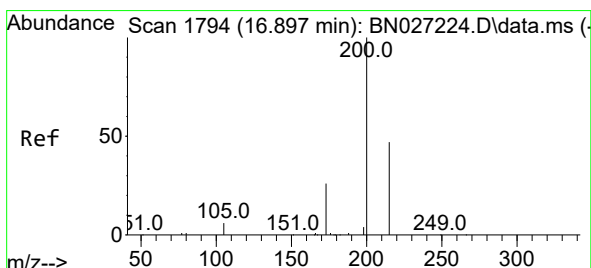
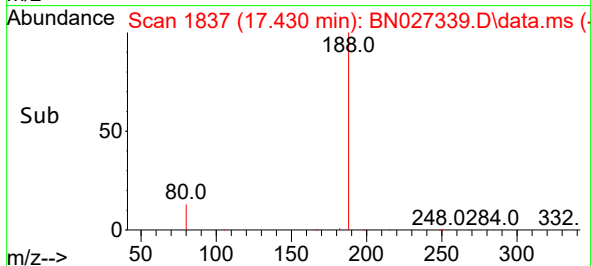
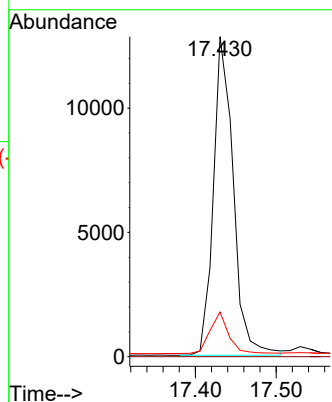
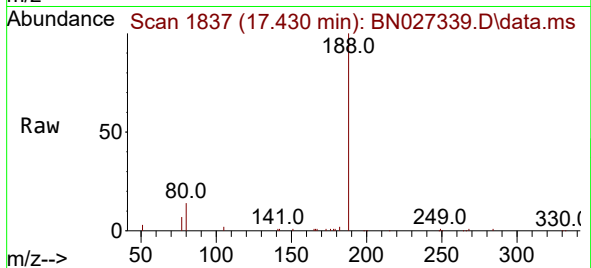
Tgt Ion:188 Resp: 21869

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.032 ng

RT: 16.872 min Scan# 1792

Delta R.T. -0.012 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

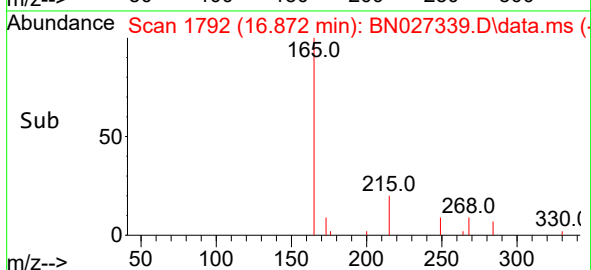
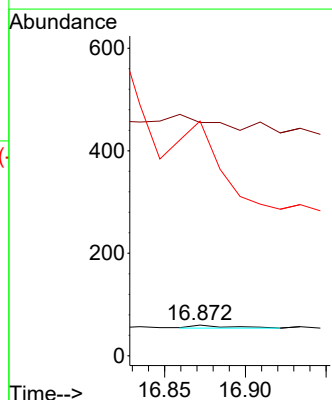
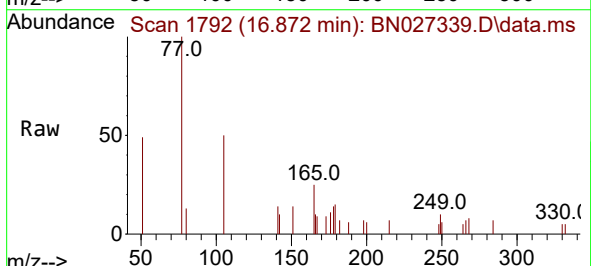
Tgt Ion:198 Resp: 10

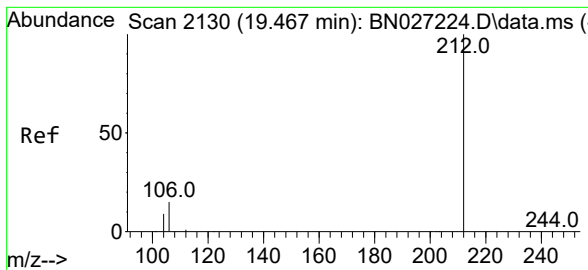
Ion Ratio Lower Upper

198 100

51 758.3 282.2 423.2#

105 763.3 168.7 253.1#

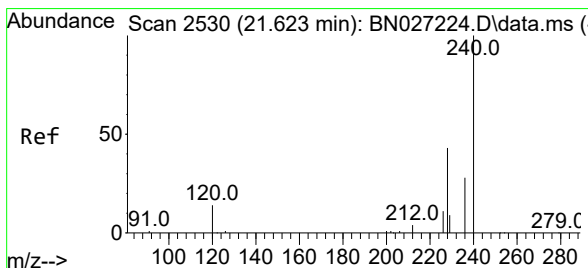
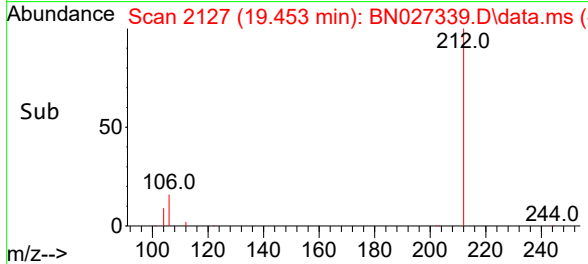
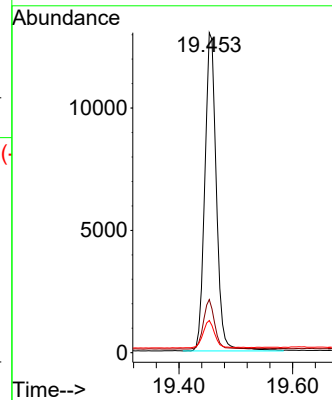
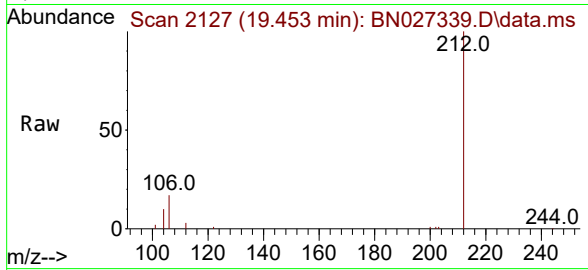




#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.453 min Scan# 2127
Delta R.T. -0.004 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

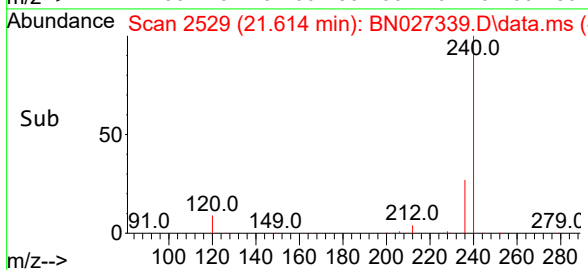
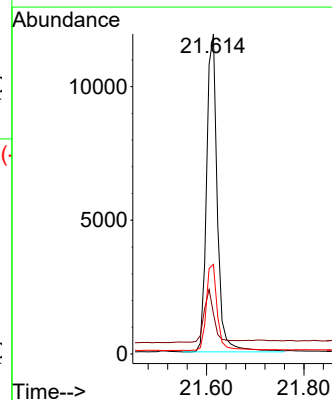
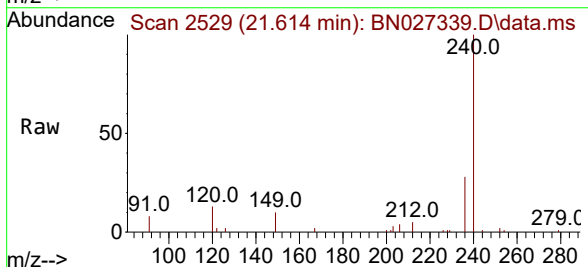
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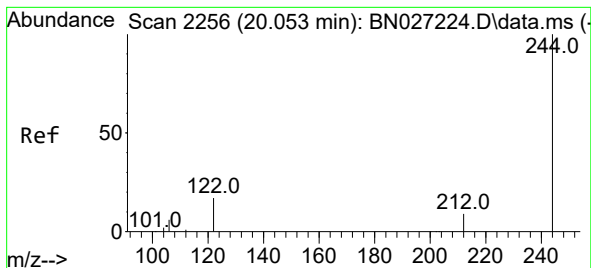
Tgt Ion:212 Resp: 18339
Ion Ratio Lower Upper
212 100
106 15.1 12.1 18.1
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BN027339.D
Acq: 01 Sep 2023 10:38

Tgt Ion:240 Resp: 18289
Ion Ratio Lower Upper
240 100
120 12.6 14.2 21.4#
236 28.0 22.9 34.3





#31

Terphenyl-d14

Concen: 0.402 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

Instrument :

BNA_N

ClientSampleId :

MW-07-6.5-082923

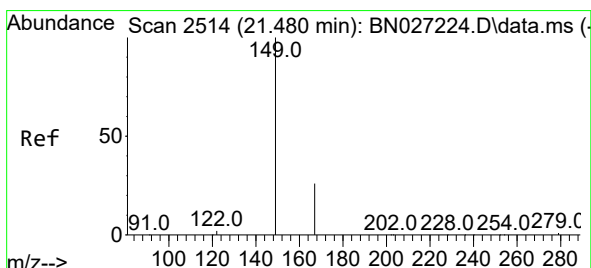
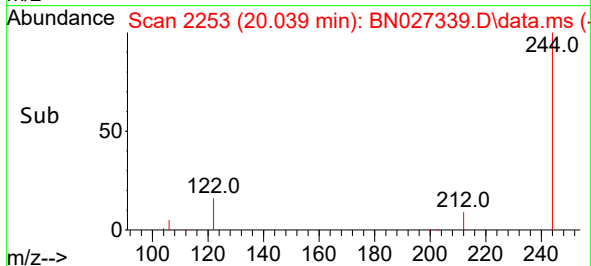
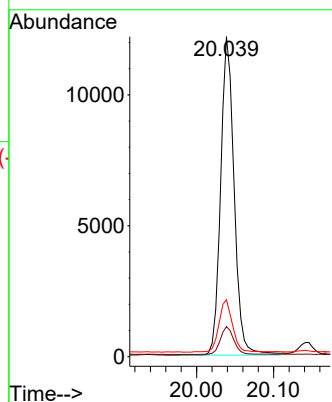
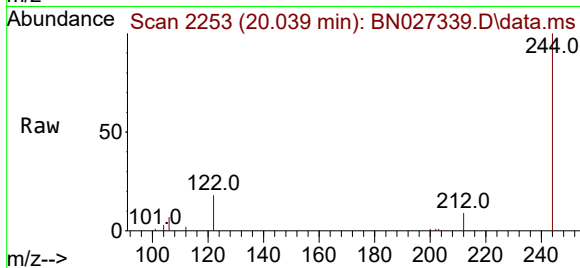
Tgt Ion:244 Resp: 14767

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 17.8 14.0 21.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.471 min Scan# 2513

Delta R.T. 0.000 min

Lab File: BN027339.D

Acq: 01 Sep 2023 10:38

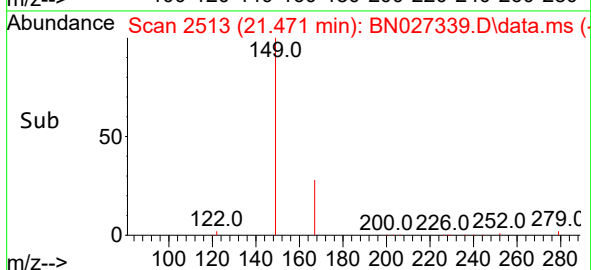
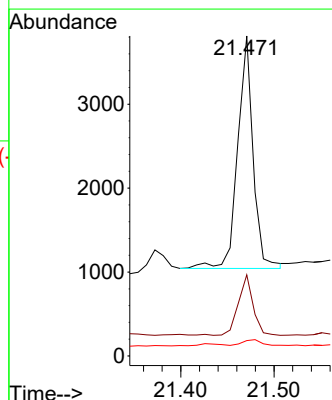
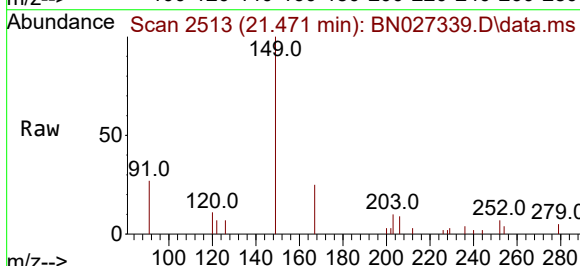
Tgt Ion:149 Resp: 3191

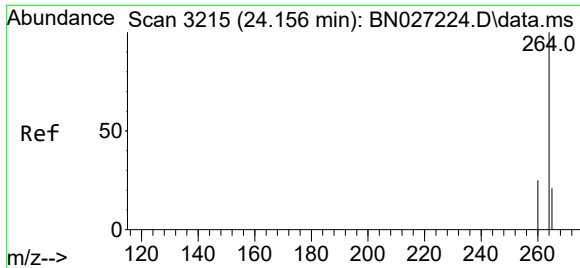
Ion Ratio Lower Upper

149 100

167 24.6 22.1 33.1

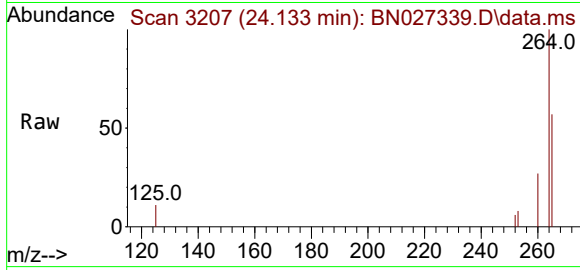
279 3.5 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.133 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN027339.D
 Acq: 01 Sep 2023 10:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-6.5-082923



Tgt Ion:264 Resp: 16743

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.7	31.1
265	56.8	53.3	79.9

