

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027238.D
 Acq On : 29 Aug 2023 13:02
 Operator : MA/JU
 Sample : 04126-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20230819

Quant Time: Aug 30 00:04:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

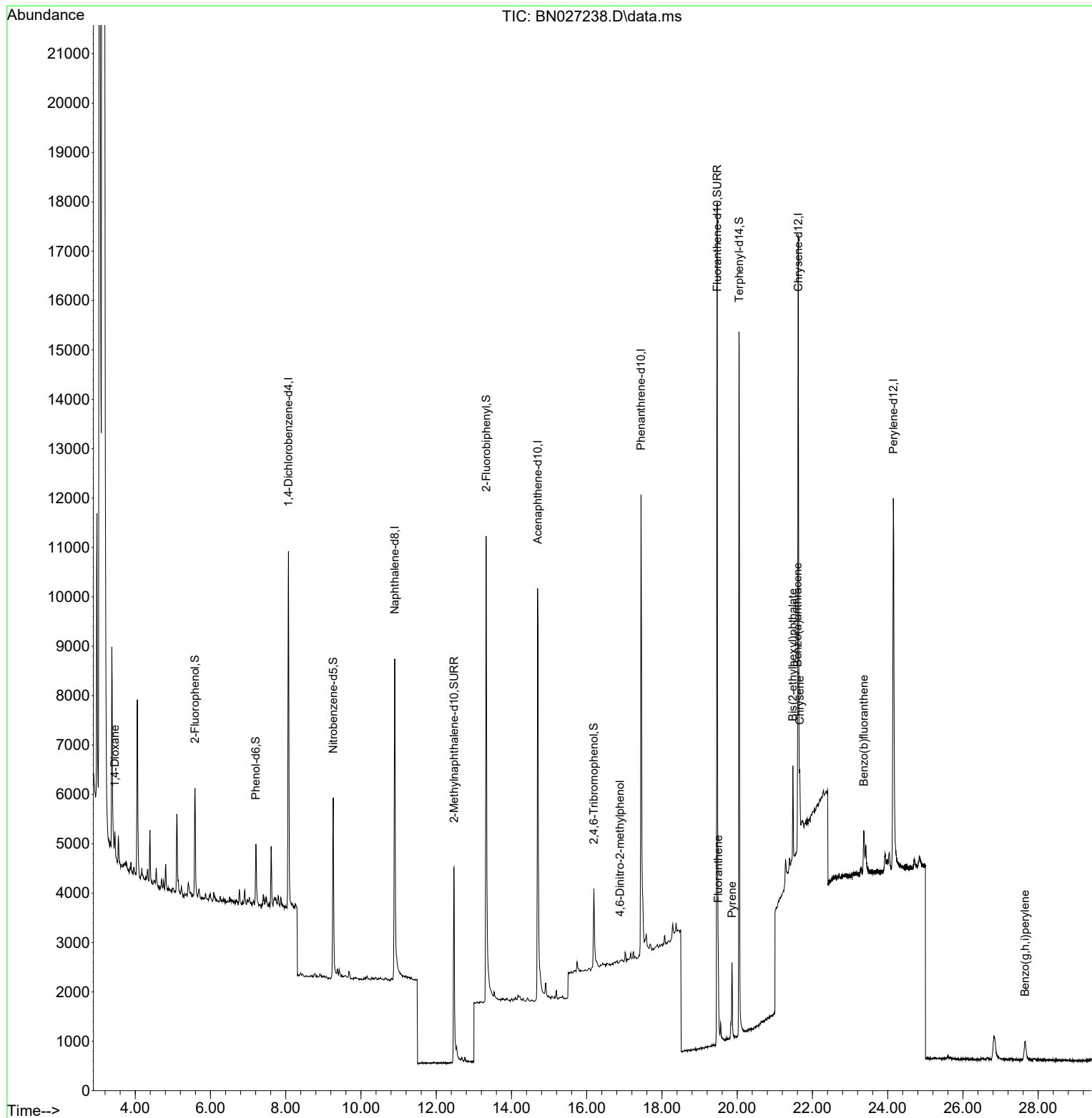
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3671	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	10301	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6546	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	15299	0.400	ng	0.00
29) Chrysene-d12	21.623	240	12874	0.400	ng	0.00
35) Perylene-d12	24.151	264	12614	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1989	0.208	ng	0.00
5) Phenol-d6	7.207	99	1356	0.117	ng	0.00
8) Nitrobenzene-d5	9.262	82	3344	0.445	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	6869	0.454	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1166	0.481	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10220	0.411	ng	0.00
27) Fluoranthene-d10	19.467	212	20172	0.530	ng	0.00
31) Terphenyl-d14	20.053	244	14880	0.575	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	460	0.103	ng	# 69
20) 4,6-Dinitro-2-methylph...	16.884	198	7	0.032	ng	# 17
28) Fluoranthene	19.495	202	1295	0.024	ng	97
30) Pyrene	19.862	202	1361	0.027	ng	99
32) Benzo(a)anthracene	21.605	228	883	0.020	ng	# 77
33) Chrysene	21.659	228	1051	0.022	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.480	149	1834	0.086	ng	99
37) Benzo(b)fluoranthene	23.364	252	1319	0.027	ng	# 1
41) Benzo(g,h,i)perylene	27.650	276	973	0.021	ng	# 54

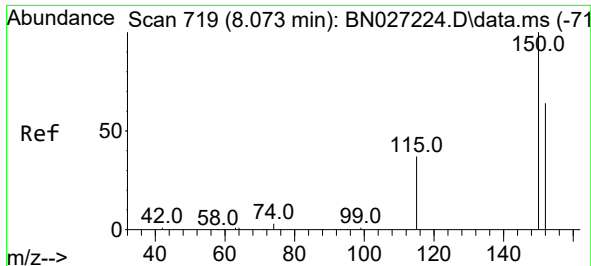
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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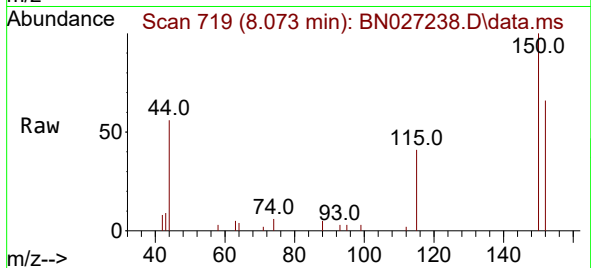
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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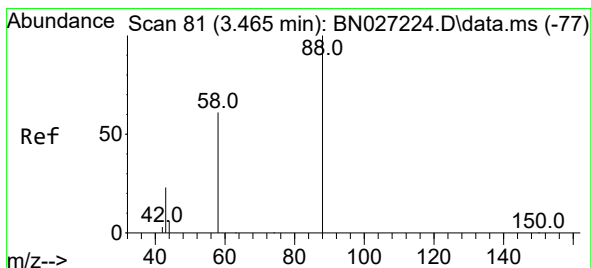
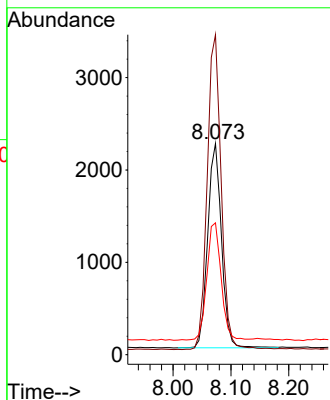
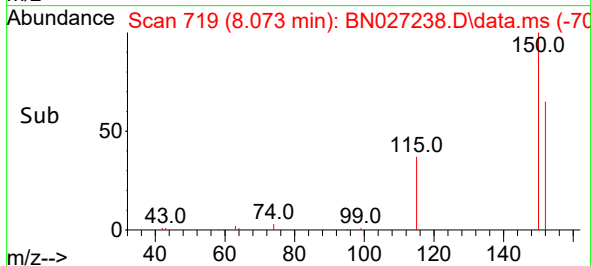


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027238.D
 Acq: 29 Aug 2023 13:02

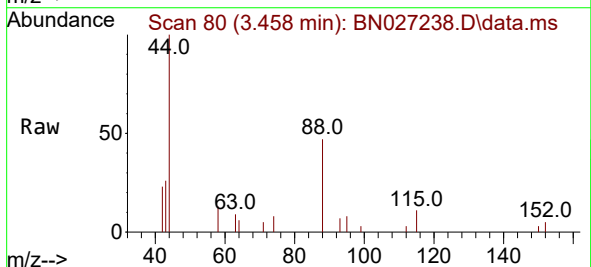
Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20230819



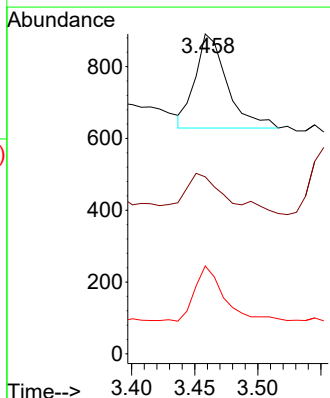
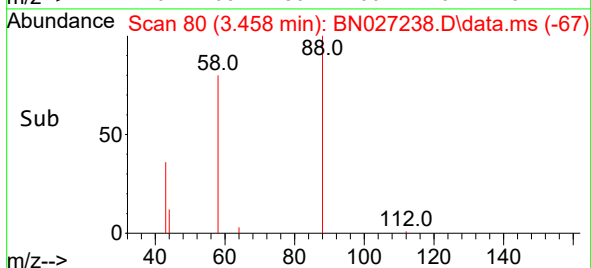
Tgt Ion: 152 Resp: 3671
 Ion Ratio Lower Upper
 152 100
 150 151.5 122.7 184.1
 115 62.4 48.6 73.0

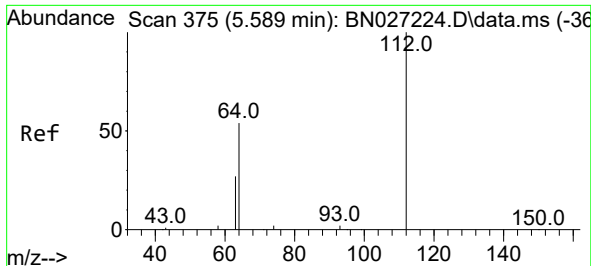


#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027238.D
 Acq: 29 Aug 2023 13:02



Tgt Ion: 88 Resp: 460
 Ion Ratio Lower Upper
 88 100
 43 58.7 19.1 28.7#
 58 51.7 52.2 78.2#

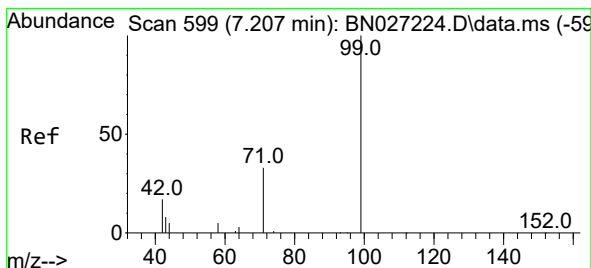
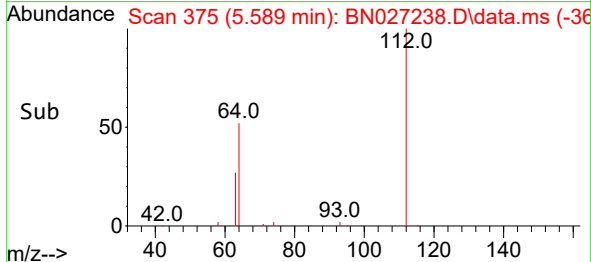
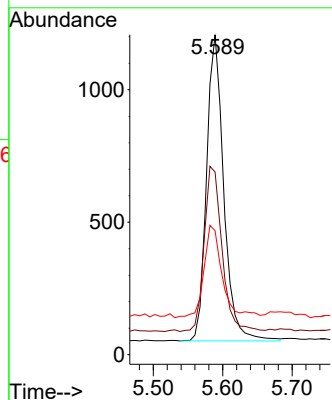
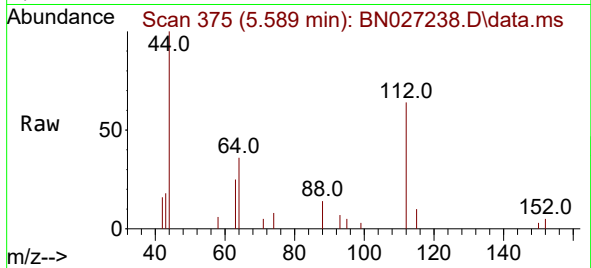




#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.589 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

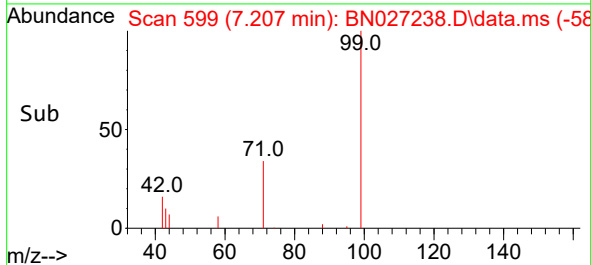
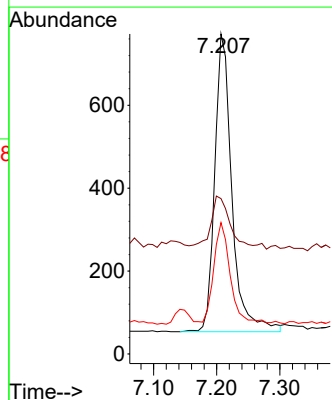
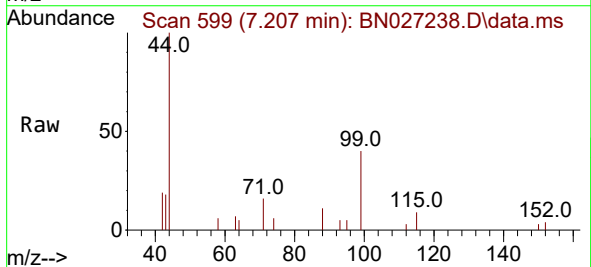
Instrument :
BNA_N
ClientSampleId :
MW202D1-20230819

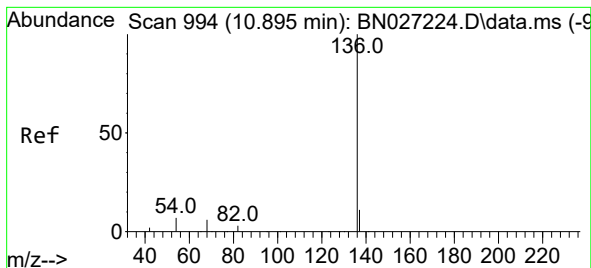
Tgt Ion: 112 Resp: 1989
Ion Ratio Lower Upper
112 100
64 55.7 44.4 66.6
63 30.1 23.1 34.7



#5
Phenol-d6
Concen: 0.117 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

Tgt Ion: 99 Resp: 1356
Ion Ratio Lower Upper
99 100
42 21.0 14.5 21.7
71 31.9 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

Instrument :

BNA_N

ClientSampleId :

MW202D1-20230819

Tgt Ion:136 Resp: 10301

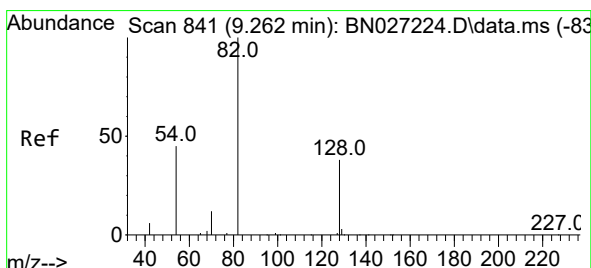
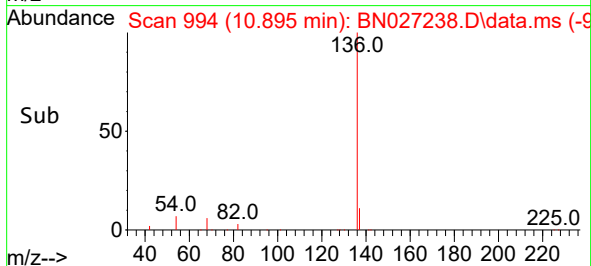
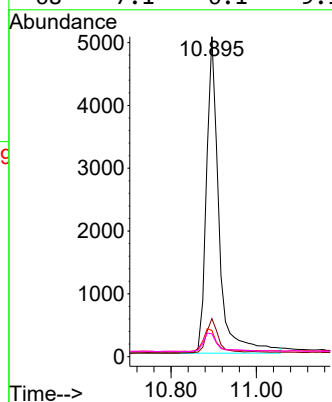
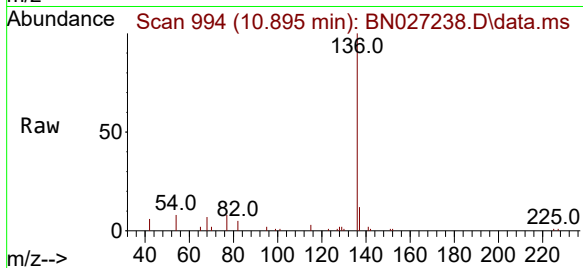
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 8.2 6.7 10.1

68 7.1 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.445 ng

RT: 9.262 min Scan# 841

Delta R.T. 0.000 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

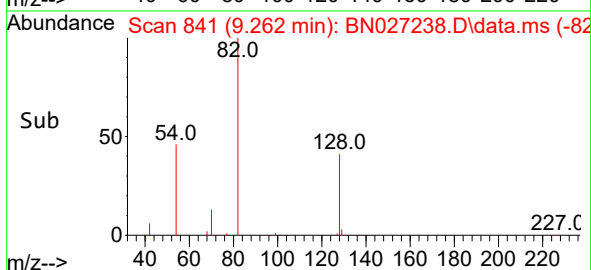
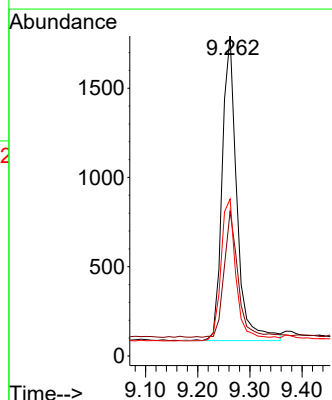
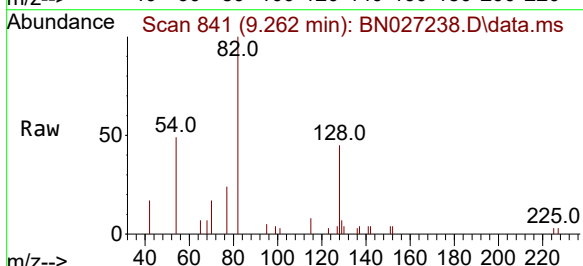
Tgt Ion: 82 Resp: 3344

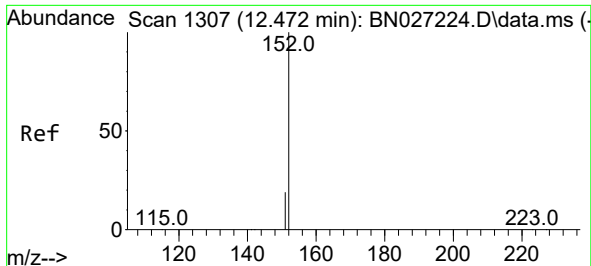
Ion Ratio Lower Upper

82 100

128 45.2 33.4 50.0

54 49.0 37.7 56.5

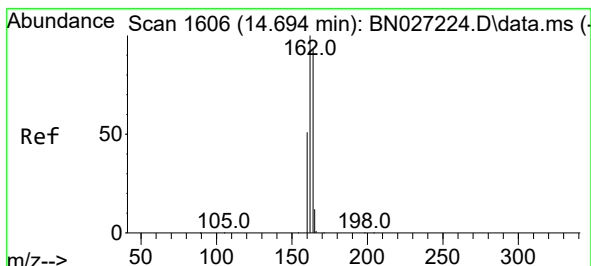
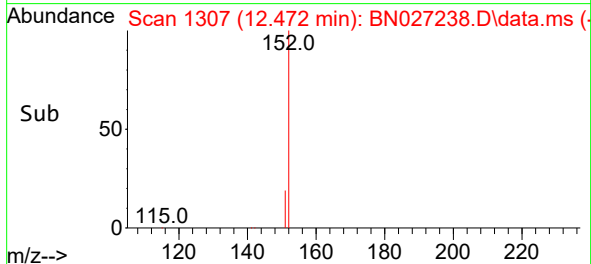
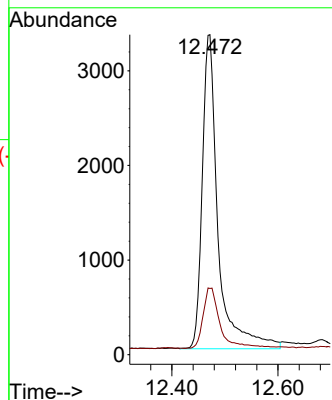
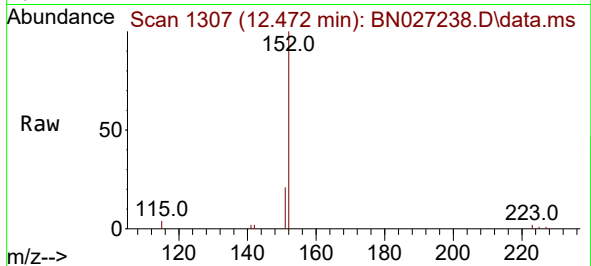




#11
2-Methylnaphthalene-d10
Concen: 0.454 ng
RT: 12.472 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

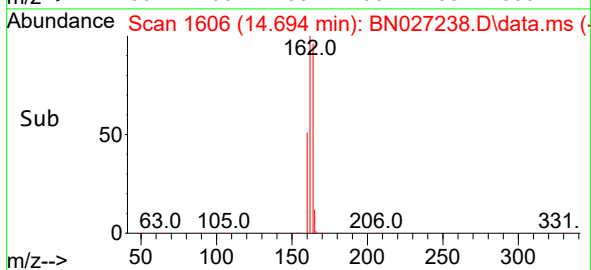
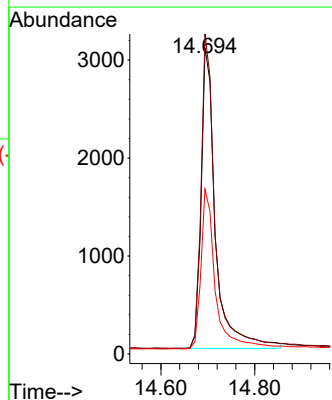
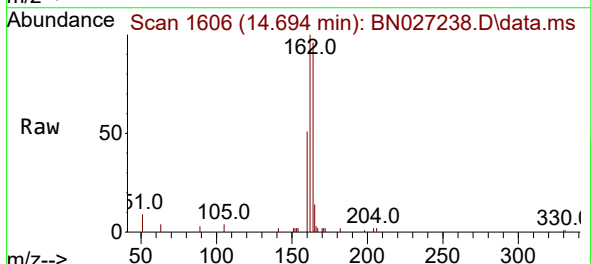
Instrument :
BNA_N
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MW202D1-20230819

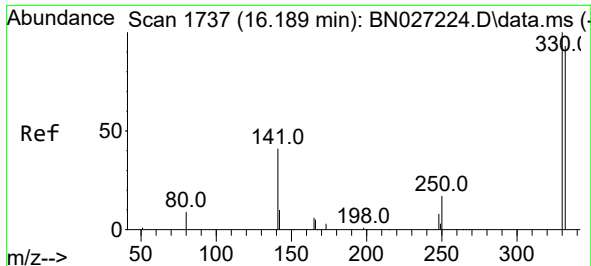
Tgt Ion:152 Resp: 6869
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

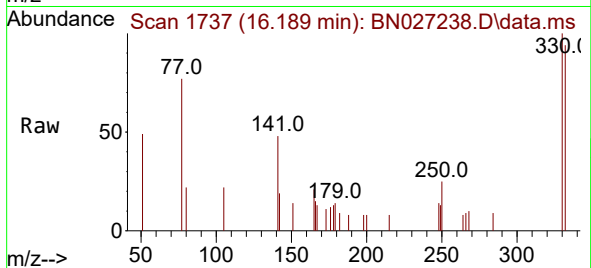
Tgt Ion:164 Resp: 6546
Ion Ratio Lower Upper
164 100
162 104.5 85.8 128.8
160 53.8 44.2 66.2



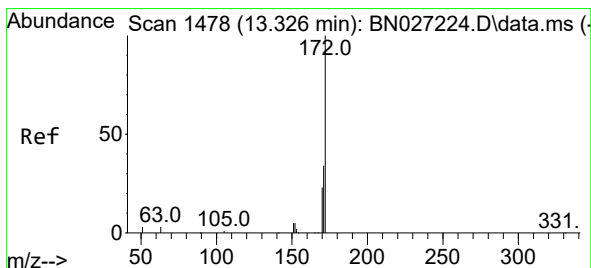
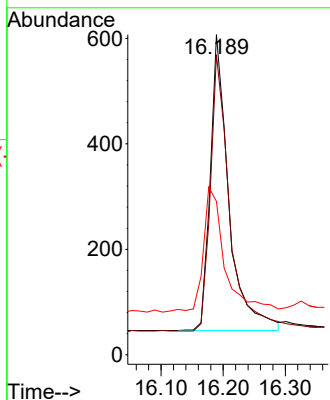
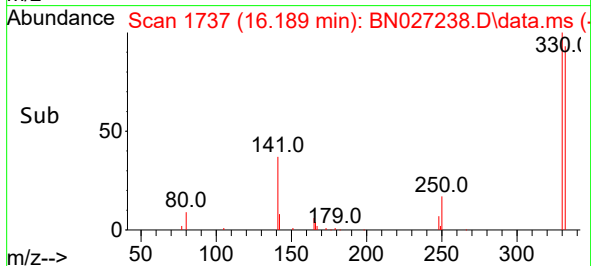


#14
2,4,6-Tribromophenol
Concen: 0.481 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

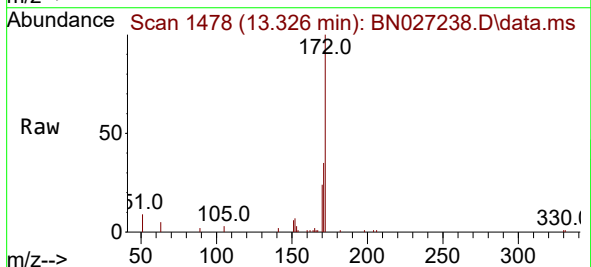
Instrument :
BNA_N
ClientSampleId :
MW202D1-20230819



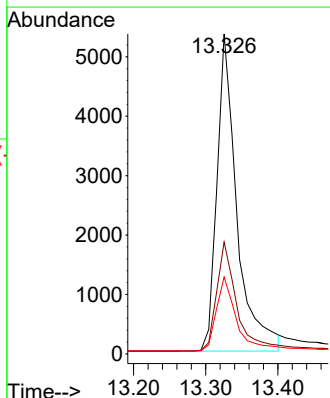
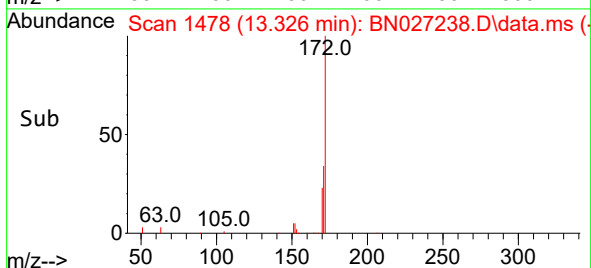
Tgt Ion:330 Resp: 1166
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 47.0 36.2 54.4

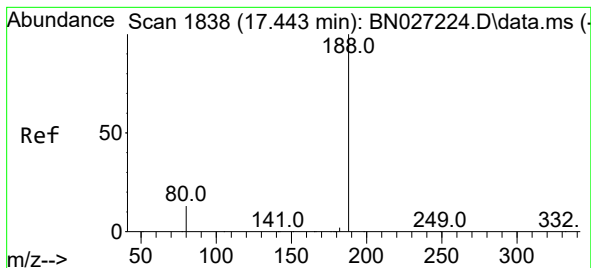


#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02



Tgt Ion:172 Resp: 10220
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.1 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

Instrument :

BNA_N

ClientSampleId :

MW202D1-20230819

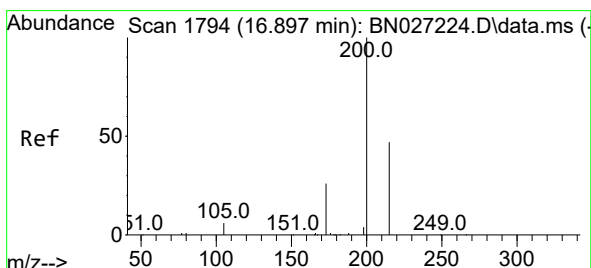
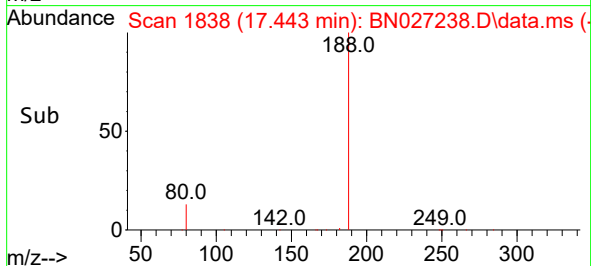
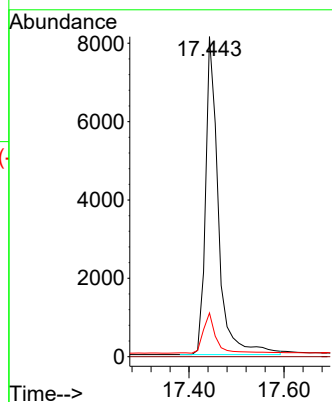
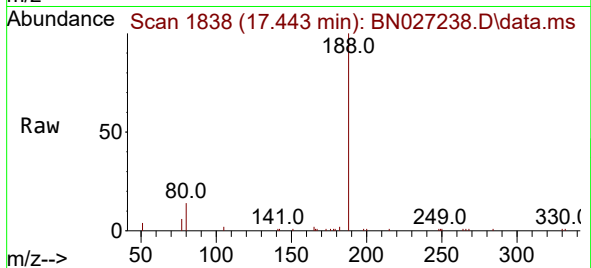
Tgt Ion:188 Resp: 15299

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.032 ng

RT: 16.884 min Scan# 1793

Delta R.T. -0.012 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

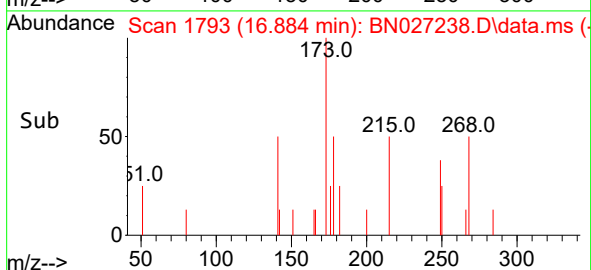
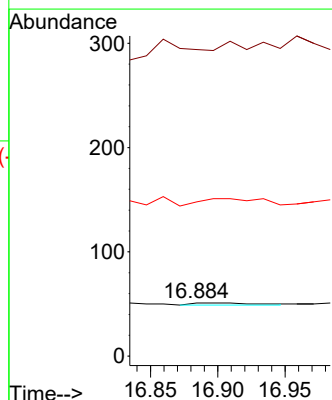
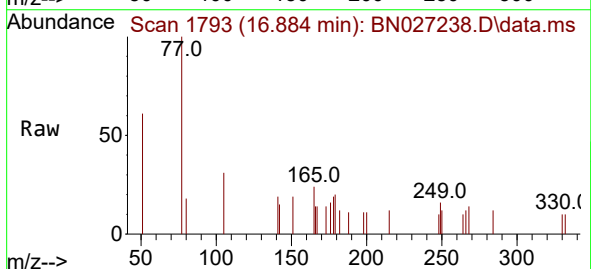
Tgt Ion:198 Resp: 7

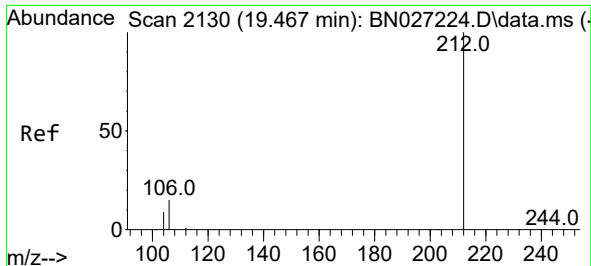
Ion Ratio Lower Upper

198 100

51 576.5 282.2 423.2#

105 290.2 168.7 253.1#

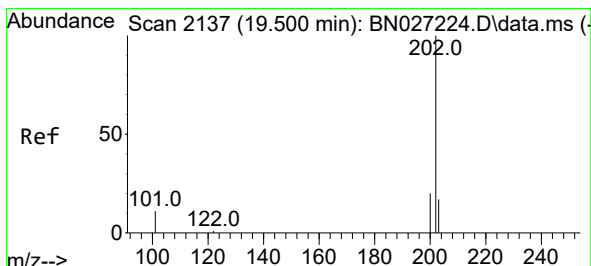
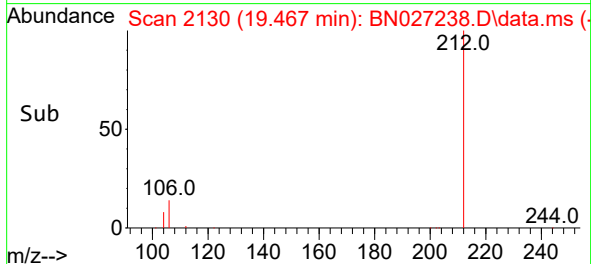
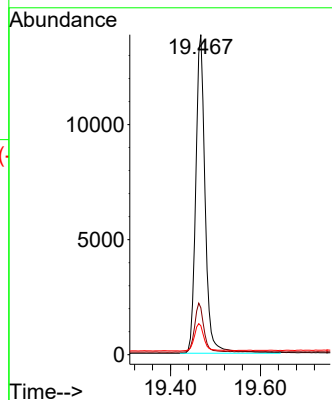
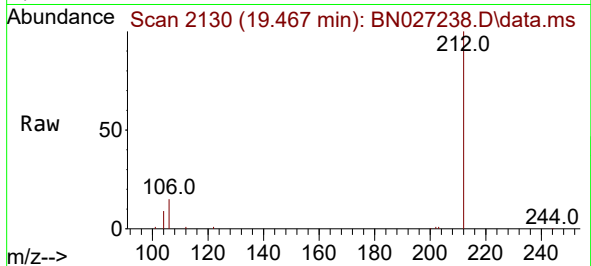




#27
Fluoranthene-d10
Concen: 0.530 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

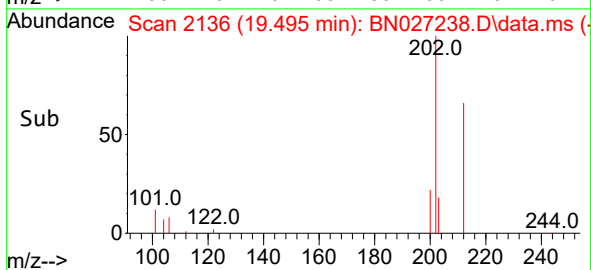
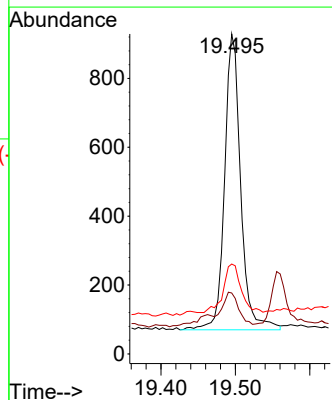
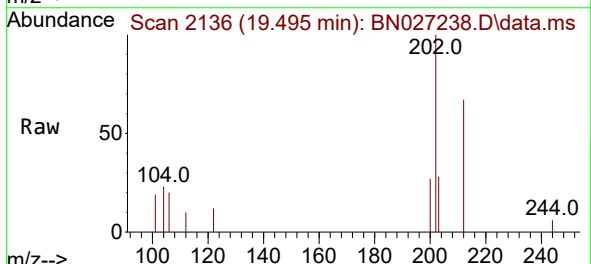
Instrument :
BNA_N
ClientSampleId :
MW202D1-20230819

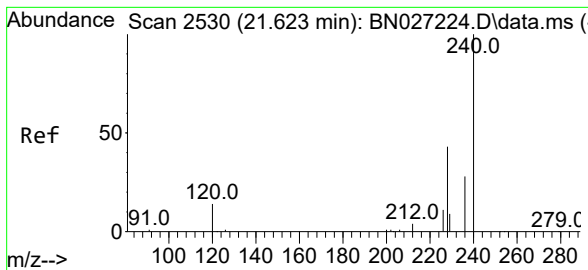
Tgt Ion:212 Resp: 20172
Ion Ratio Lower Upper
212 100
106 15.0 12.1 18.1
104 8.8 6.9 10.3



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

Tgt Ion:202 Resp: 1295
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
203 18.5 13.6 20.4

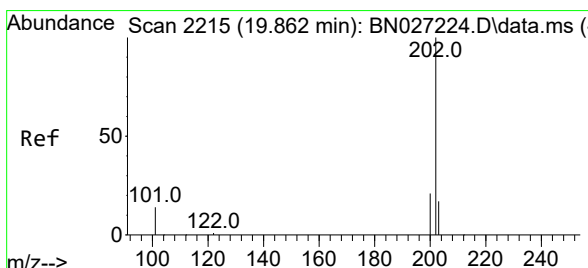
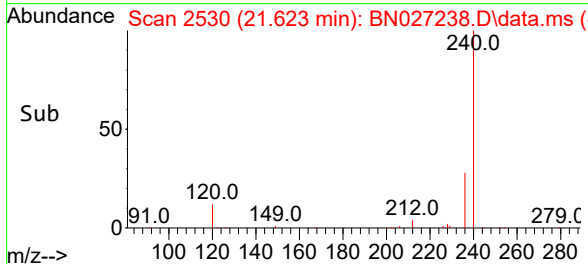
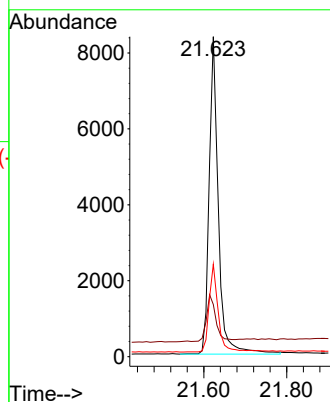
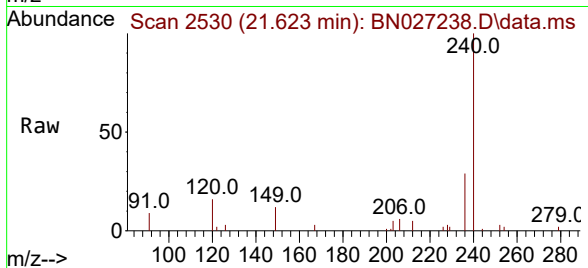




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

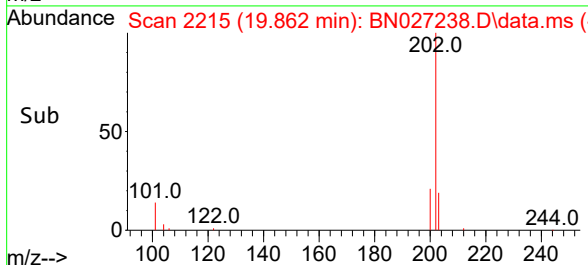
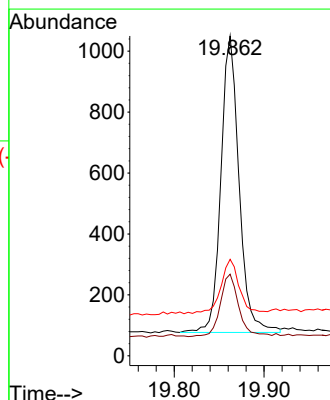
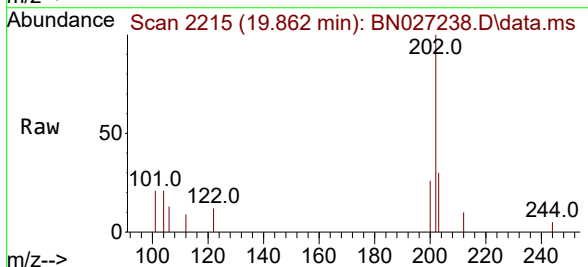
Instrument :
BNA_N
ClientSampleId :
MW202D1-20230819

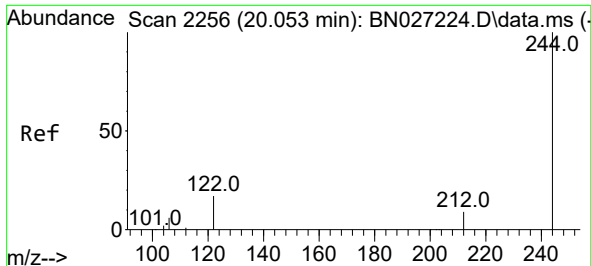
Tgt Ion:	240	Resp:	12874
Ion Ratio	Lower	Upper	
240	100		
120	16.3	14.2	21.4
236	28.9	22.9	34.3



#30
Pyrene
Concen: 0.027 ng
RT: 19.862 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BN027238.D
Acq: 29 Aug 2023 13:02

Tgt Ion:	202	Resp:	1361
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.6	25.0
203	18.4	14.2	21.4

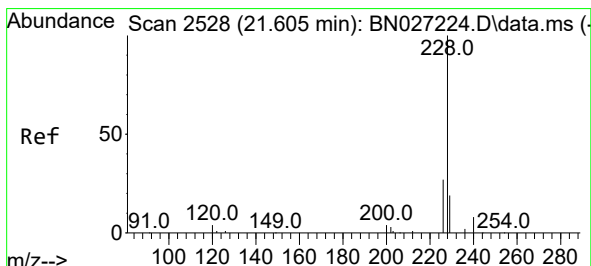
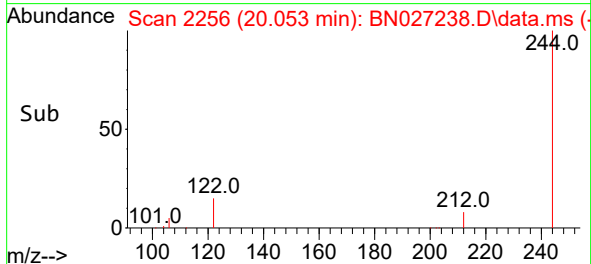
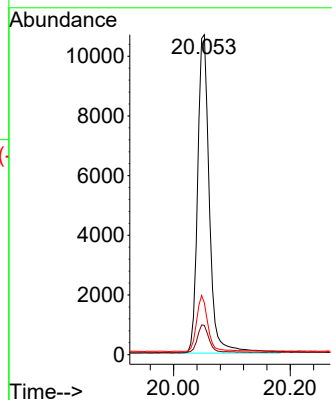
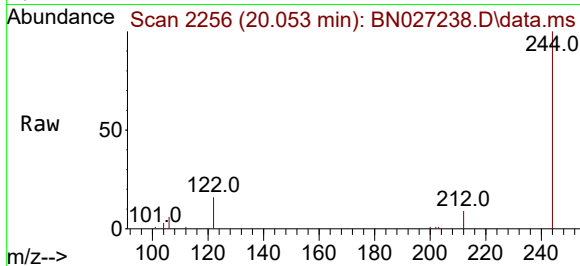




#31
 Terphenyl-d14
 Concen: 0.575 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027238.D
 Acq: 29 Aug 2023 13:02

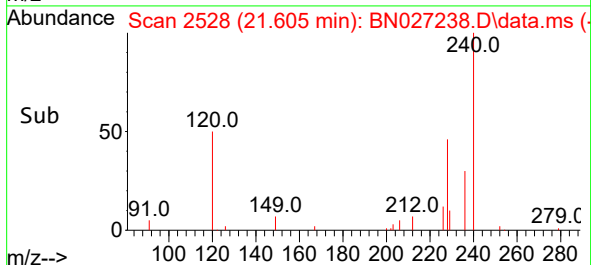
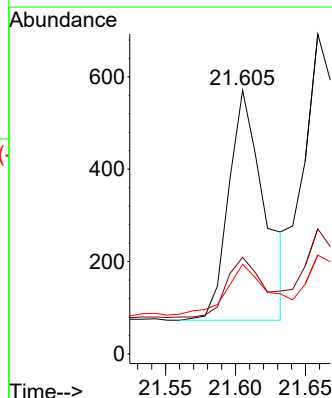
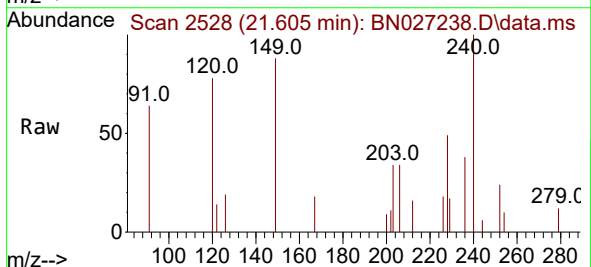
Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20230819

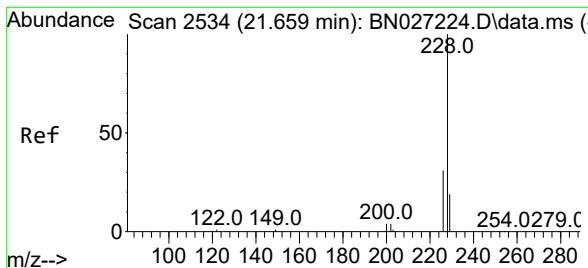
Tgt Ion:244 Resp: 14880
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.5 11.3
 122 16.2 14.0 21.0



#32
 Benzo(a)anthracene
 Concen: 0.020 ng
 RT: 21.605 min Scan# 2528
 Delta R.T. 0.000 min
 Lab File: BN027238.D
 Acq: 29 Aug 2023 13:02

Tgt Ion:228 Resp: 883
 Ion Ratio Lower Upper
 228 100
 226 36.6 21.9 32.9#
 229 34.0 15.7 23.5#





#33

Chrysene

Concen: 0.022 ng

RT: 21.659 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

Instrument :

BNA_N

ClientSampleId :

MW202D1-20230819

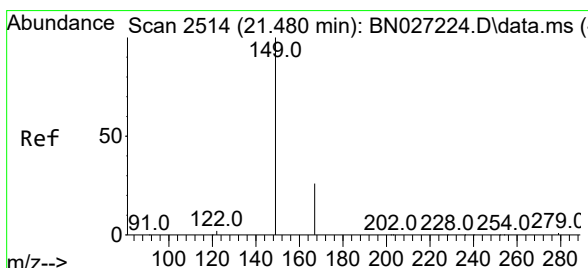
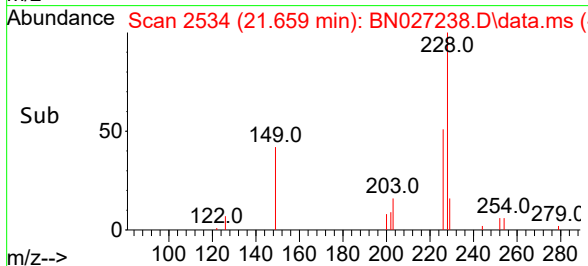
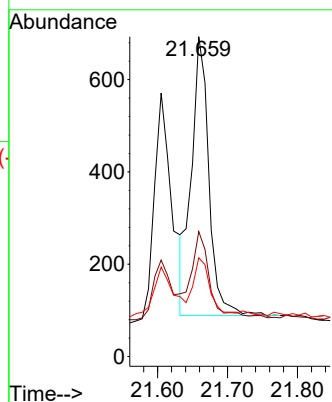
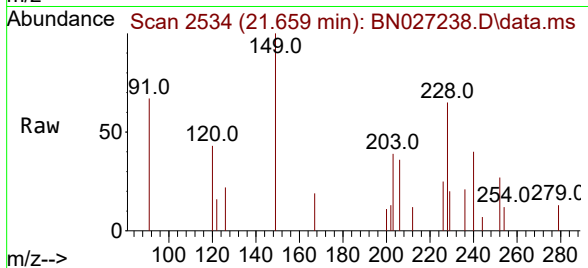
Tgt Ion:228 Resp: 1051

Ion Ratio Lower Upper

228 100

226 39.1 24.3 36.5#

229 30.9 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.480 min Scan# 2514

Delta R.T. 0.000 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

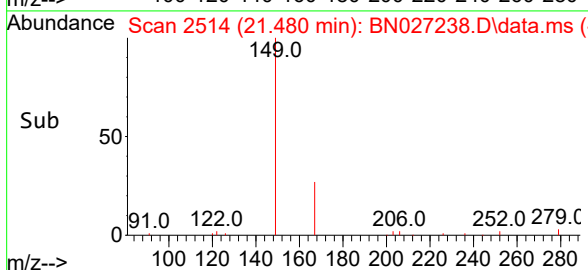
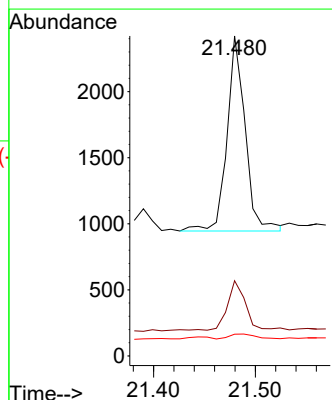
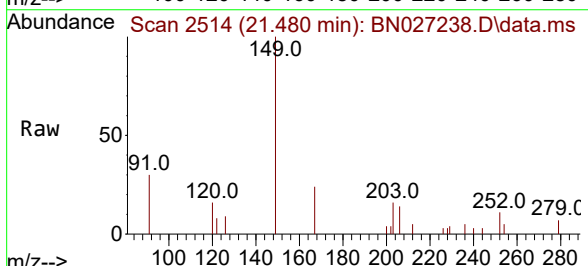
Tgt Ion:149 Resp: 1834

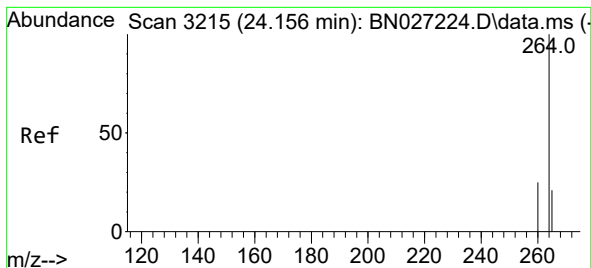
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.8 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.151 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN027238.D

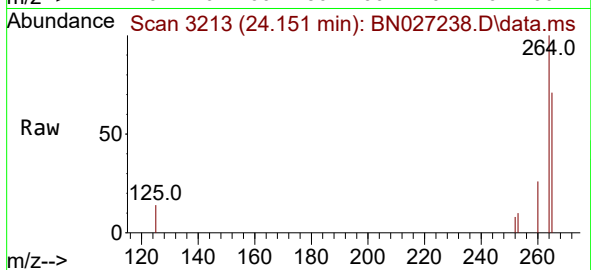
Acq: 29 Aug 2023 13:02

Instrument :

BNA_N

ClientSampleId :

MW202D1-20230819



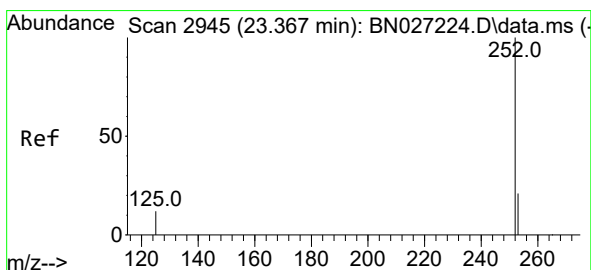
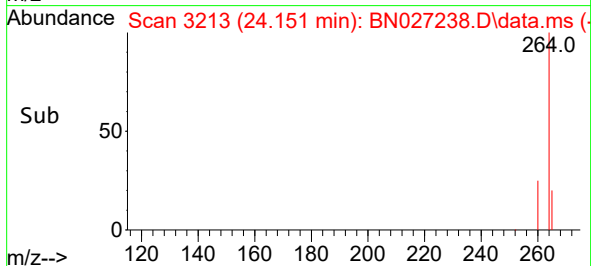
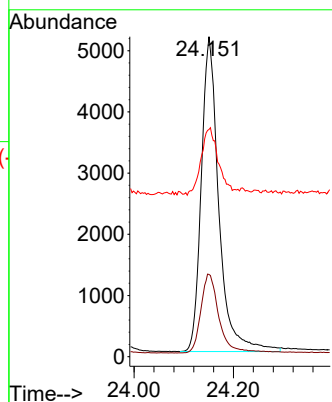
Tgt Ion:264 Resp: 12614

Ion Ratio Lower Upper

264 100

260 25.7 20.7 31.1

265 71.0 53.3 79.9



#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 23.364 min Scan# 2944

Delta R.T. -0.003 min

Lab File: BN027238.D

Acq: 29 Aug 2023 13:02

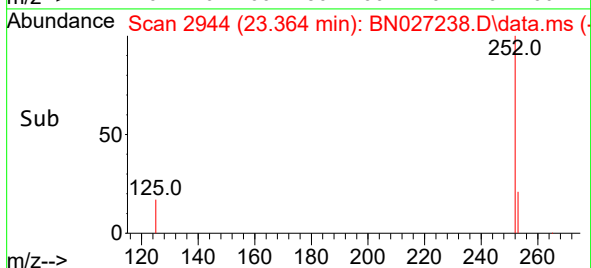
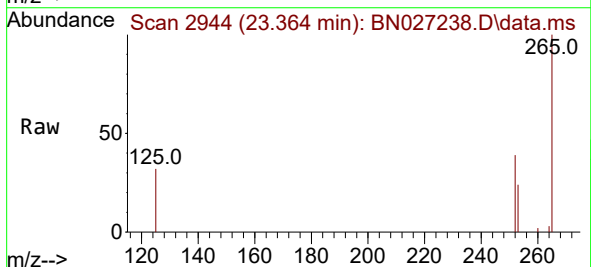
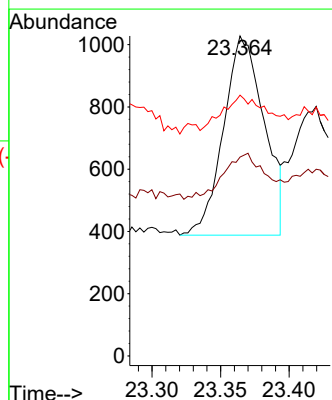
Tgt Ion:252 Resp: 1319

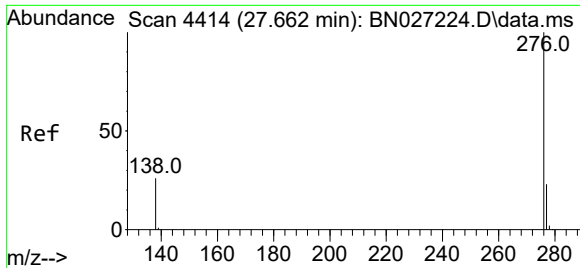
Ion Ratio Lower Upper

252 100

253 62.2 19.9 29.9#

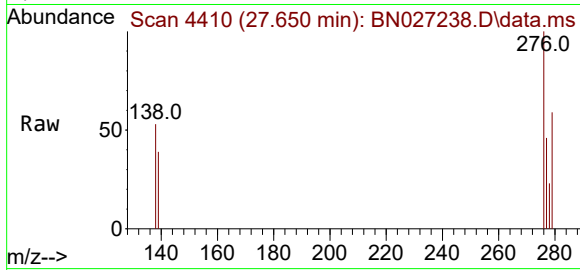
125 81.5 13.8 20.6#





#41
 Benzo(g,h,i)perylene
 Concen: 0.021 ng
 RT: 27.650 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BN027238.D
 Acq: 29 Aug 2023 13:02

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20230819



Tgt Ion:276 Resp: 973
 Ion Ratio Lower Upper
 276 100
 277 46.3 19.6 29.4#
 138 53.0 22.1 33.1#

