

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027237.D
 Acq On : 29 Aug 2023 12:25
 Operator : MA/JU
 Sample : 04126-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20230819

Quant Time: Aug 30 00:03:54 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)

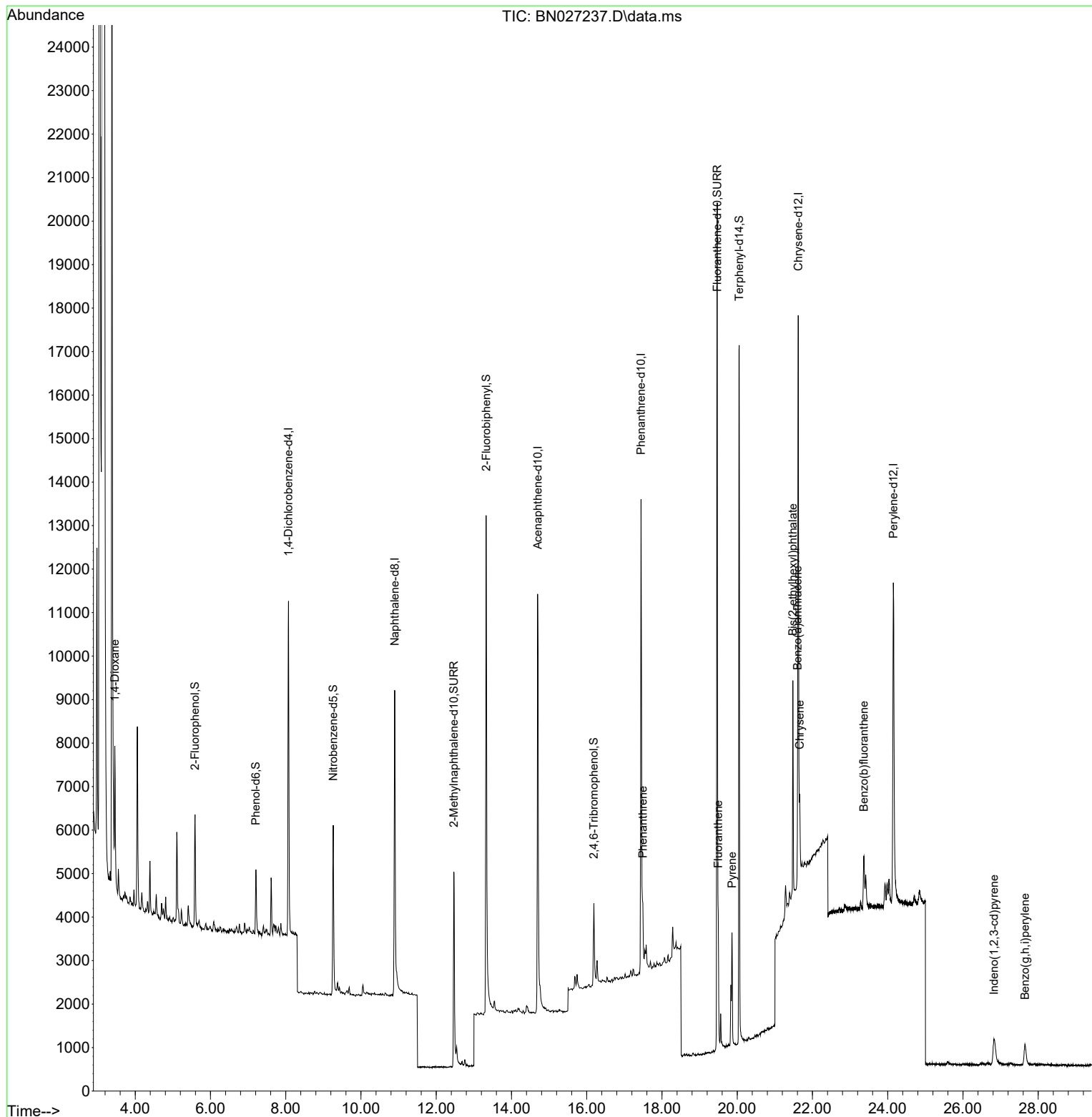
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3956	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	10946	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7049	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	16361	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13602	0.400	ng	0.00
35) Perylene-d12	24.151	264	12865	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2280	0.221	ng	0.00
5) Phenol-d6	7.207	99	1650	0.132	ng	0.00
8) Nitrobenzene-d5	9.262	82	3521	0.441	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	7646	0.476	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1262	0.484	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	11941	0.445	ng	0.00
27) Fluoranthene-d10	19.467	212	22550	0.554	ng	0.00
31) Terphenyl-d14	20.052	244	16600	0.608	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	2241	0.464	ng	# 92
25) Phenanthrene	17.492	178	1562	0.032	ng	# 93
28) Fluoranthene	19.495	202	2487	0.044	ng	# 98
30) Pyrene	19.862	202	2401	0.044	ng	# 98
32) Benzo(a)anthracene	21.605	228	1357	0.029	ng	# 86
33) Chrysene	21.659	228	1608	0.031	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.479	149	4495	0.200	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.823	276	1207	0.023	ng	# 82
37) Benzo(b)fluoranthene	23.367	252	1965	0.039	ng	# 19
41) Benzo(g,h,i)perylene	27.650	276	1274	0.027	ng	# 63

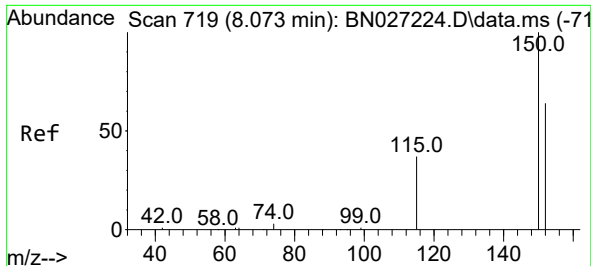
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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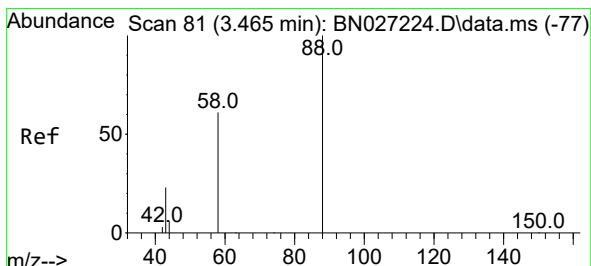
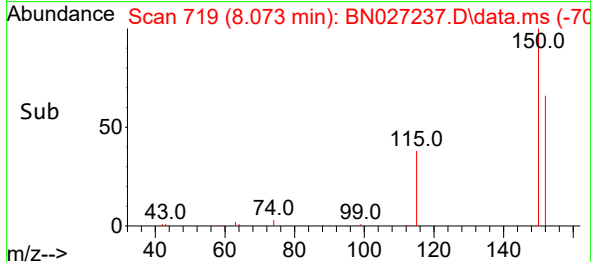
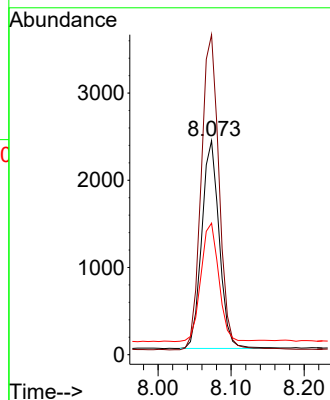
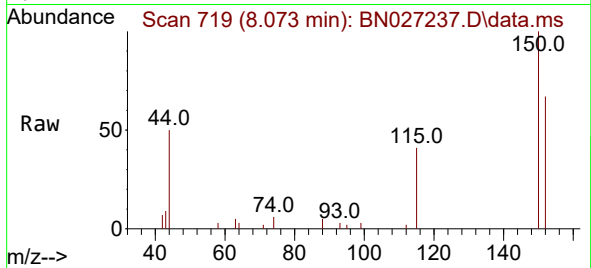




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

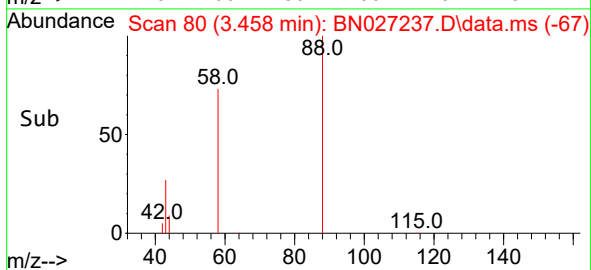
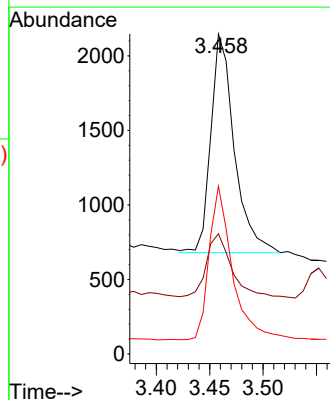
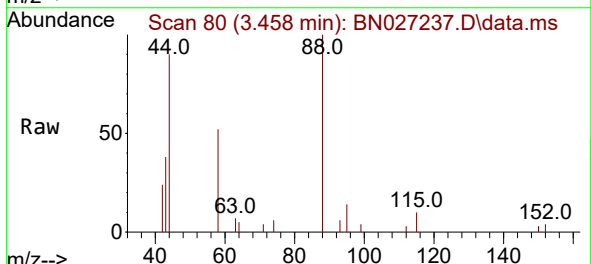
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819

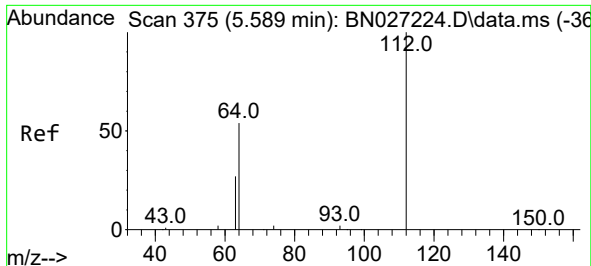
Tgt Ion:152 Resp: 3956
Ion Ratio Lower Upper
152 100
150 149.6 122.7 184.1
115 61.5 48.6 73.0



#2
1,4-Dioxane
Concen: 0.464 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Tgt Ion: 88 Resp: 2241
Ion Ratio Lower Upper
88 100
43 31.0 19.1 28.7#
58 69.7 52.2 78.2

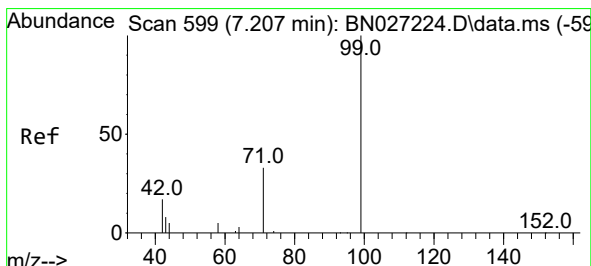
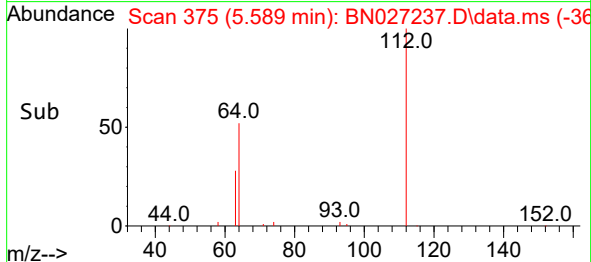
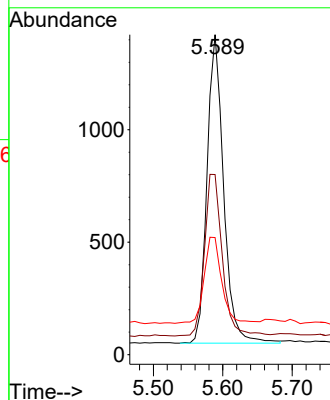
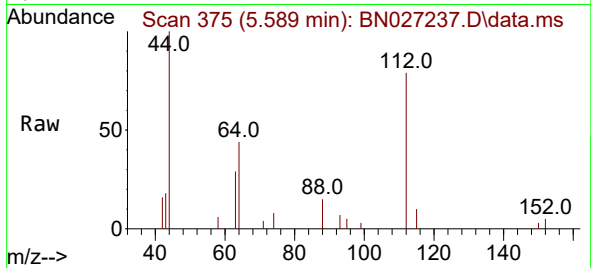




#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

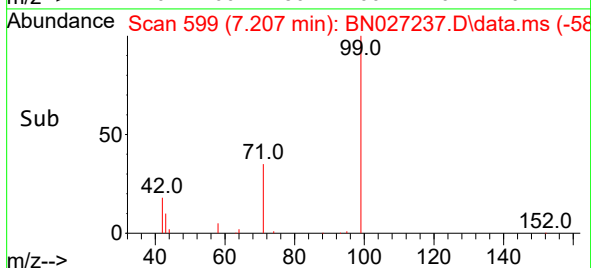
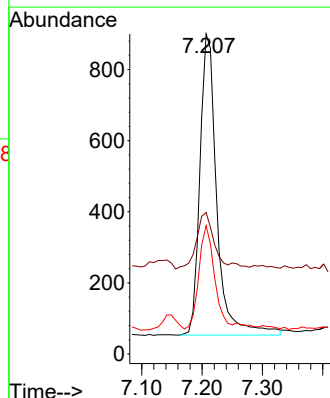
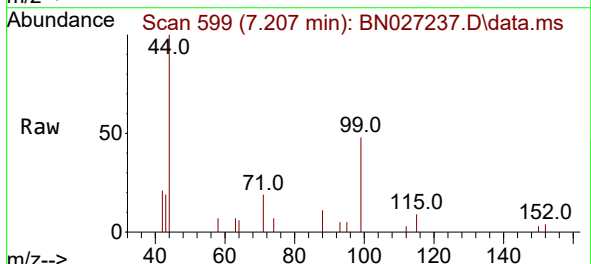
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819

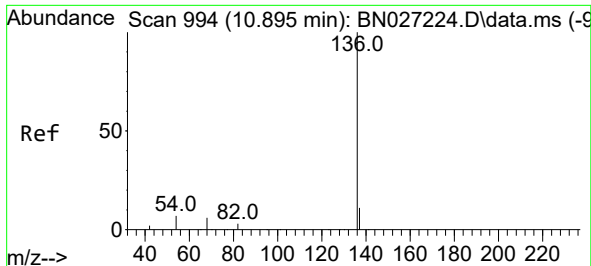
Tgt Ion:112 Resp: 2280
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 29.5 23.1 34.7



#5
Phenol-d6
Concen: 0.132 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Tgt Ion: 99 Resp: 1650
Ion Ratio Lower Upper
99 100
42 18.8 14.5 21.7
71 31.5 25.8 38.6

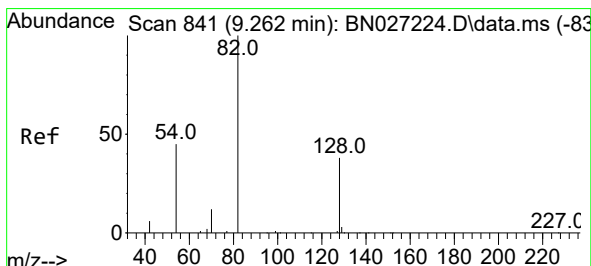
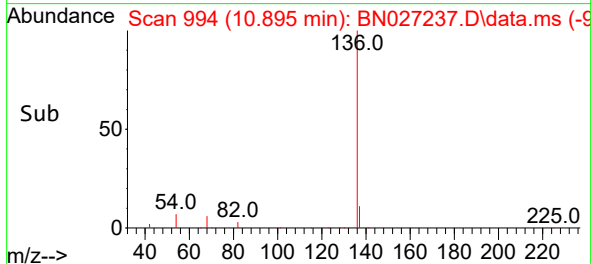
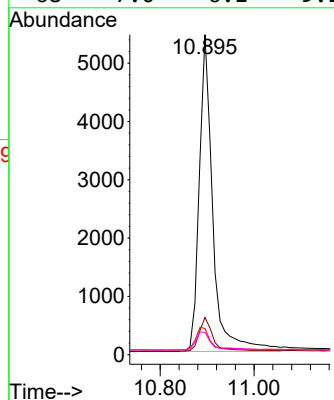
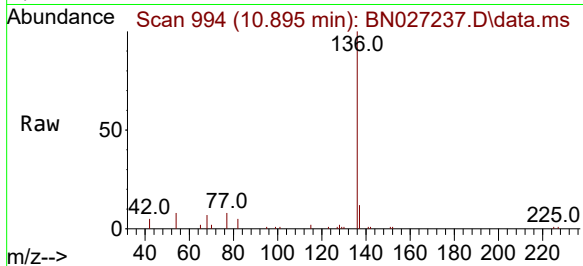




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

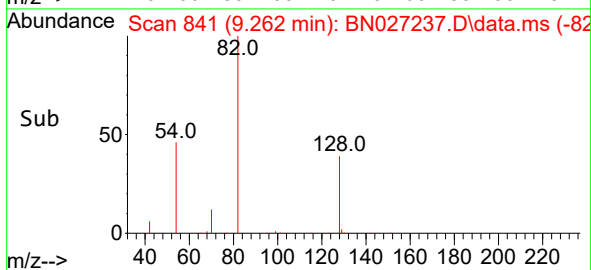
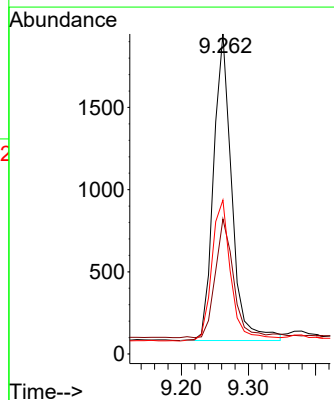
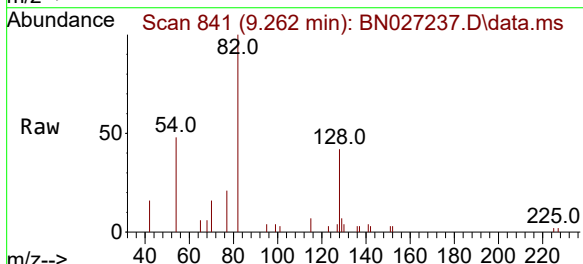
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819

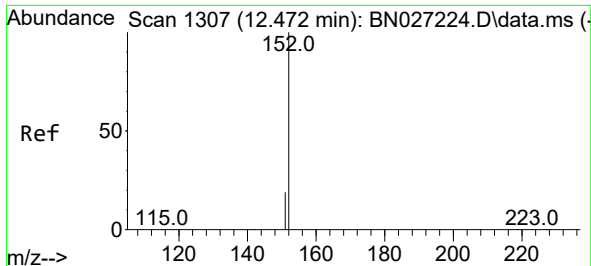
Tgt Ion:	136	Resp:	10946
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.3	13.9
54	8.2	6.7	10.1
68	7.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Tgt Ion:	82	Resp:	3521
Ion Ratio	Lower	Upper	
82	100		
128	42.2	33.4	50.0
54	48.1	37.7	56.5

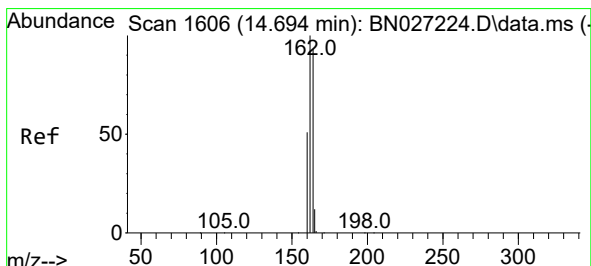
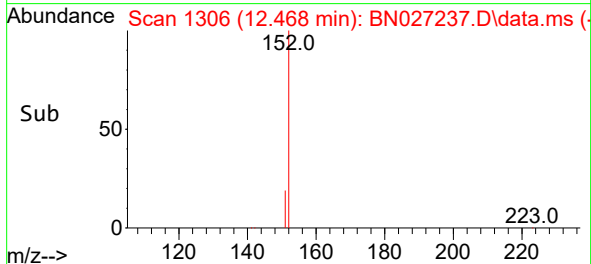
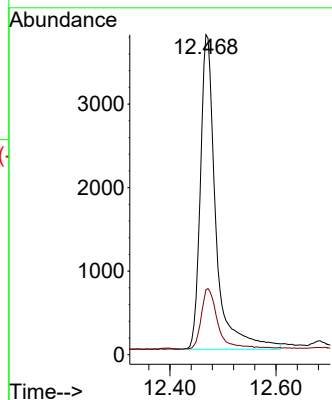
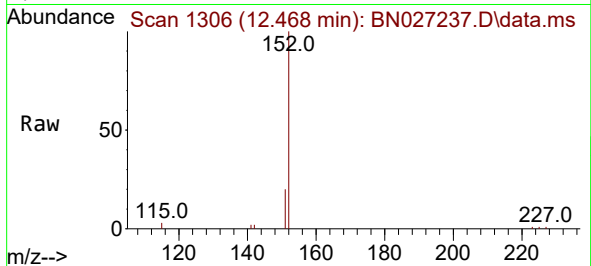




#11
2-Methylnaphthalene-d10
Concen: 0.476 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

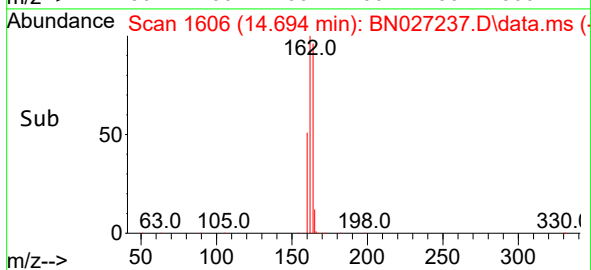
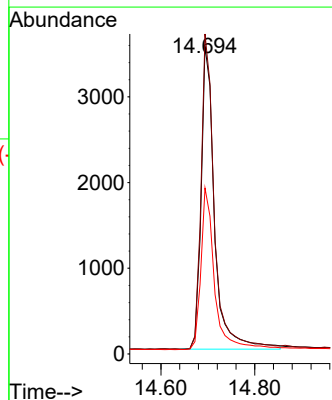
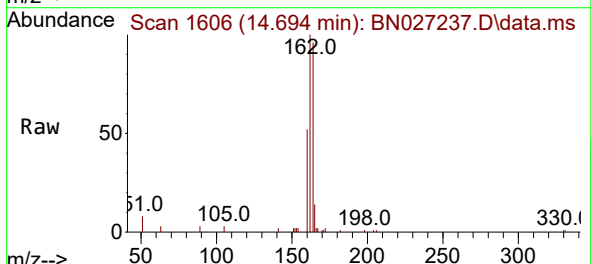
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819

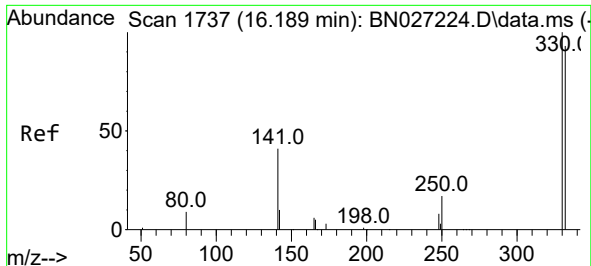
Tgt Ion:152 Resp: 7646
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

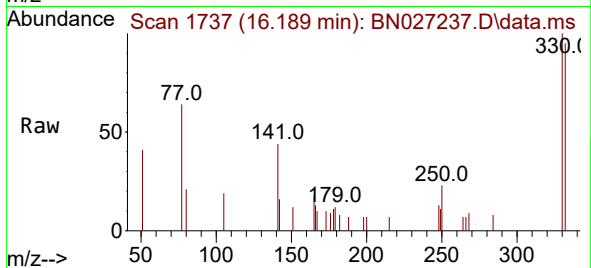
Tgt Ion:164 Resp: 7049
Ion Ratio Lower Upper
164 100
162 104.0 85.8 128.8
160 54.0 44.2 66.2



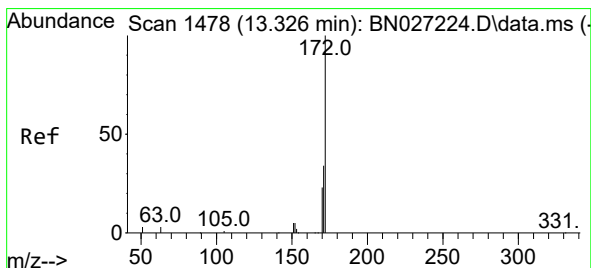
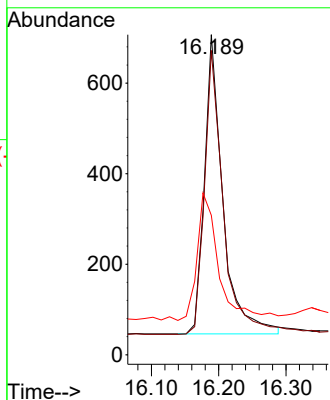
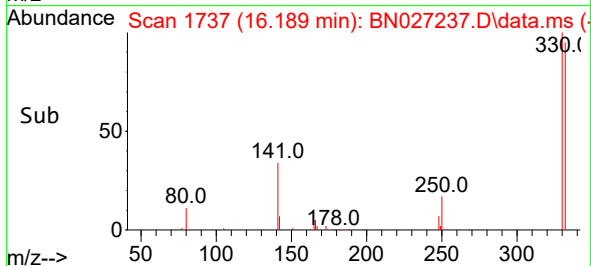


#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

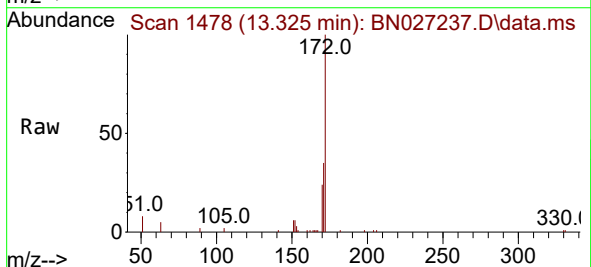
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819



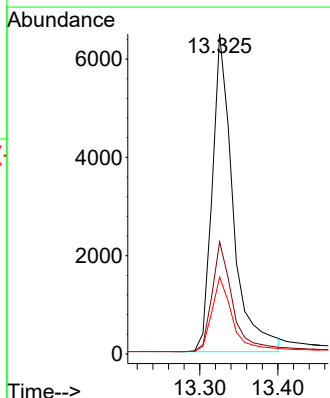
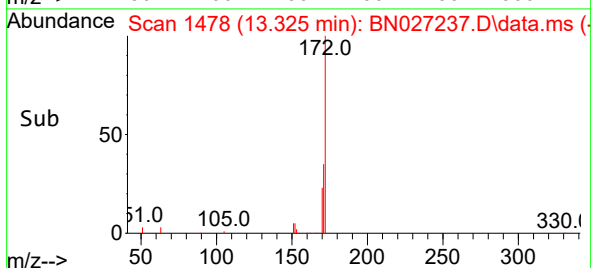
Tgt Ion:330 Resp: 1262
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 49.8 36.2 54.4

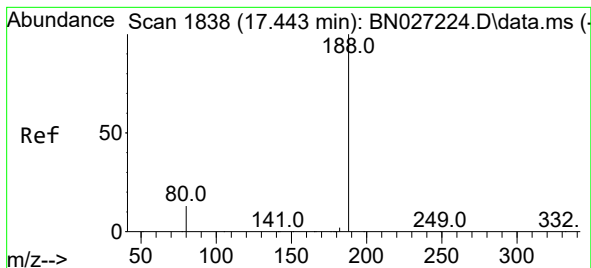


#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25



Tgt Ion:172 Resp: 11941
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.0 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: BN027237.D

Acq: 29 Aug 2023 12:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20230819

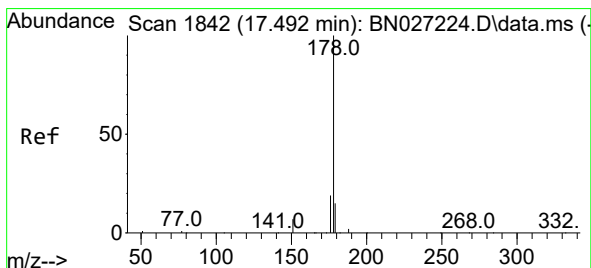
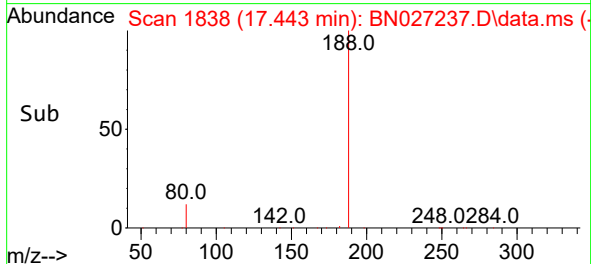
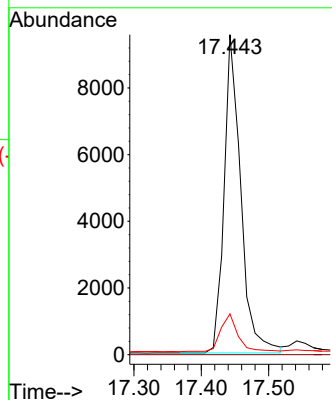
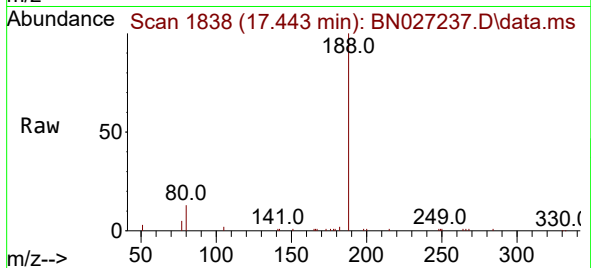
Tgt Ion:188 Resp: 16361

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 11.0 16.6



#25

Phenanthrene

Concen: 0.032 ng

RT: 17.492 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BN027237.D

Acq: 29 Aug 2023 12:25

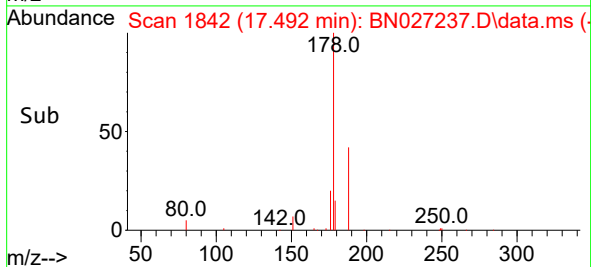
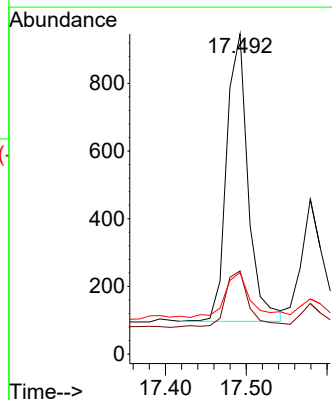
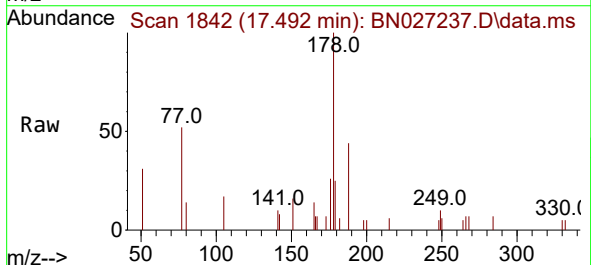
Tgt Ion:178 Resp: 1562

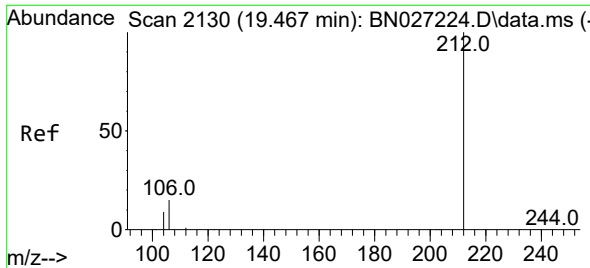
Ion Ratio Lower Upper

178 100

176 21.9 15.6 23.4

179 19.0 12.3 18.5#

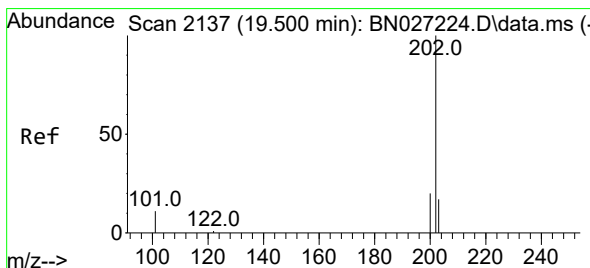
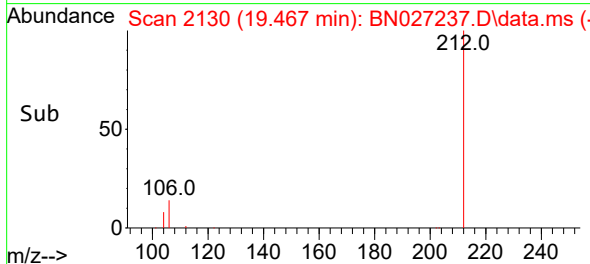
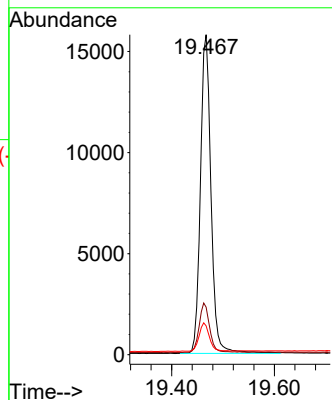
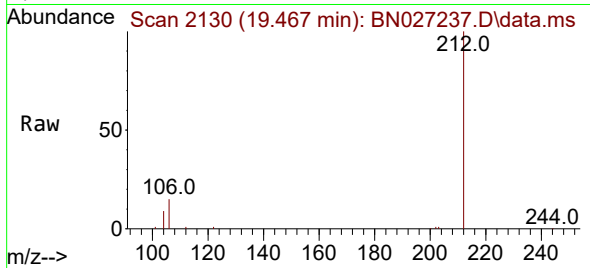




#27
Fluoranthene-d10
Concen: 0.554 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

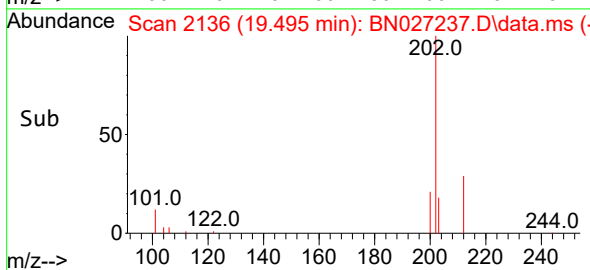
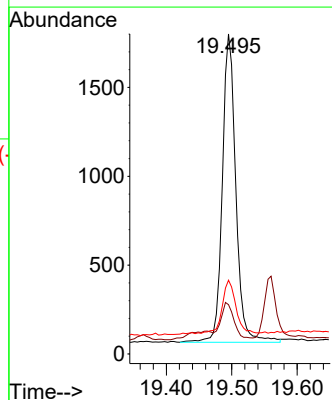
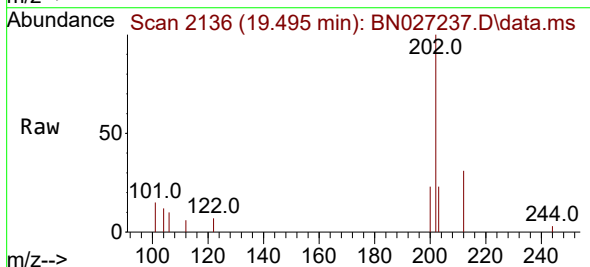
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819

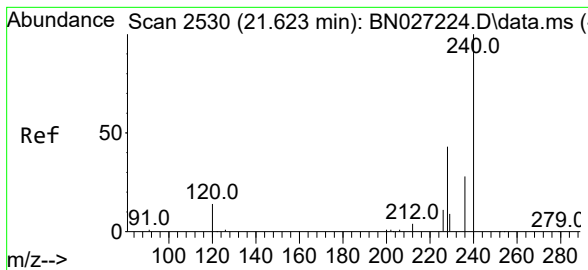
Tgt Ion:212 Resp: 22550
Ion Ratio Lower Upper
212 100
106 15.3 12.1 18.1
104 8.6 6.9 10.3



#28
Fluoranthene
Concen: 0.044 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Tgt Ion:202 Resp: 2487
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
203 17.6 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: BN027237.D

Acq: 29 Aug 2023 12:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20230819

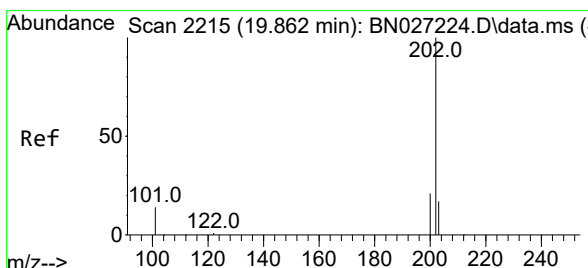
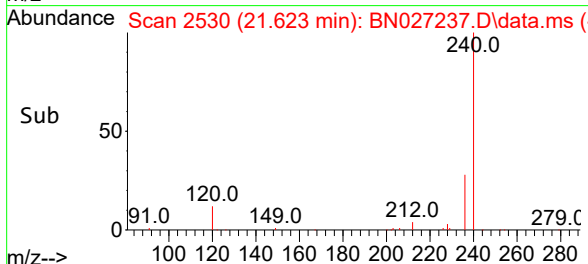
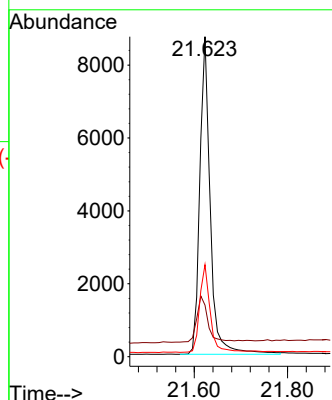
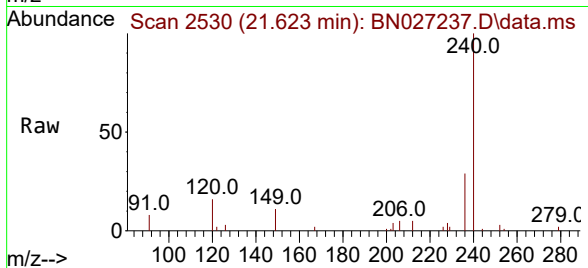
Tgt Ion:240 Resp: 13602

Ion Ratio Lower Upper

240 100

120 16.1 14.2 21.4

236 28.8 22.9 34.3



#30

Pyrene

Concen: 0.044 ng

RT: 19.862 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BN027237.D

Acq: 29 Aug 2023 12:25

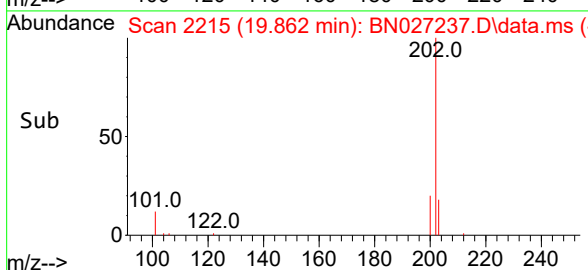
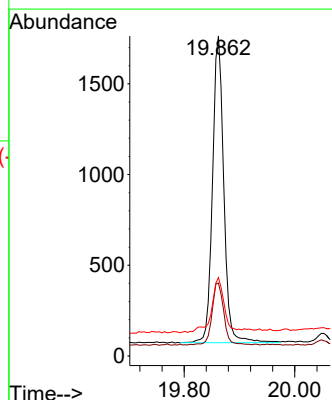
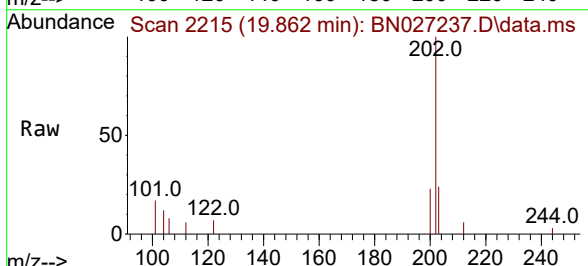
Tgt Ion:202 Resp: 2401

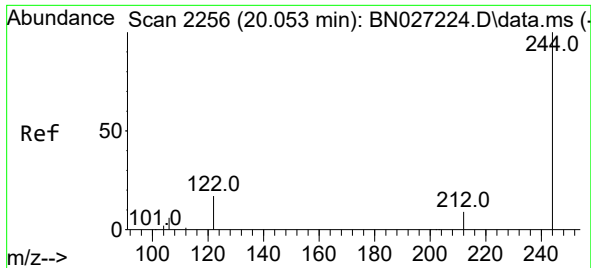
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 19.7 14.2 21.4

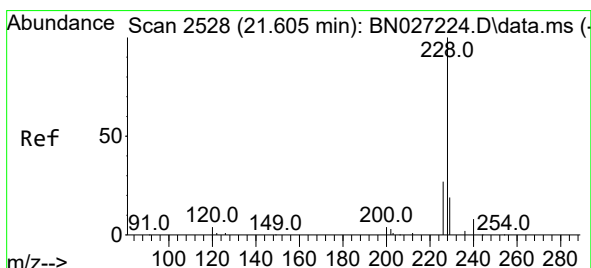
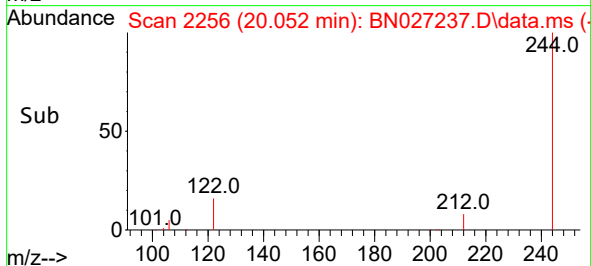
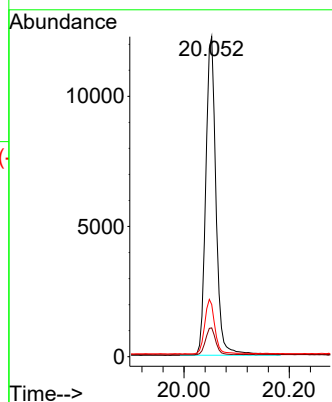
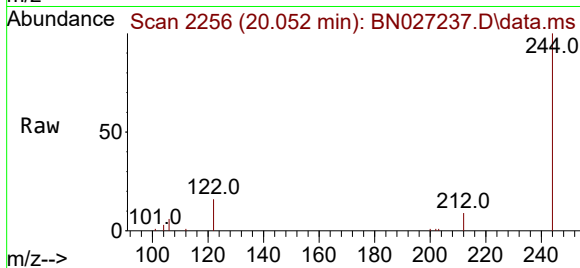




#31
Terphenyl-d14
Concen: 0.608 ng
RT: 20.052 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

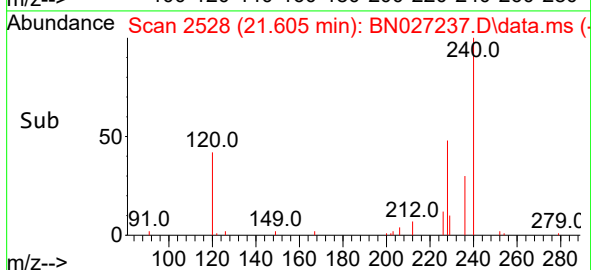
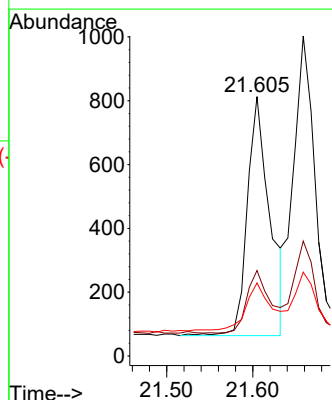
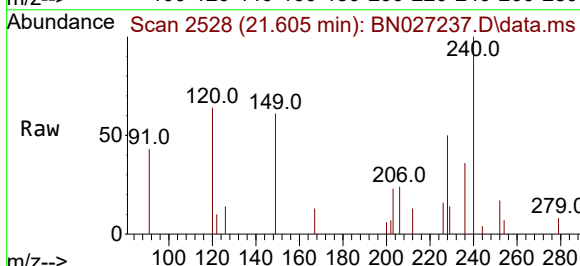
Instrument :
BNA_N
ClientSampleId :
MW202D-20230819

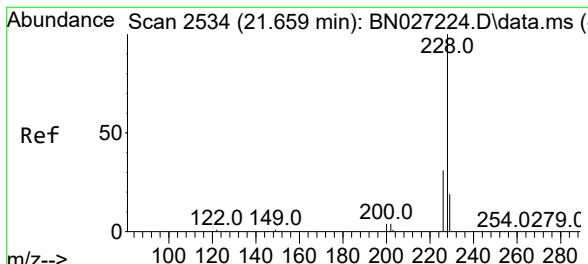
Tgt Ion:244 Resp: 16600
Ion Ratio Lower Upper
244 100
212 9.0 7.5 11.3
122 16.3 14.0 21.0



#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.605 min Scan# 2528
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Tgt Ion:228 Resp: 1357
Ion Ratio Lower Upper
228 100
226 33.0 21.9 32.9#
229 28.2 15.7 23.5#





#33

Chrysene

Concen: 0.031 ng

RT: 21.659 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027237.D

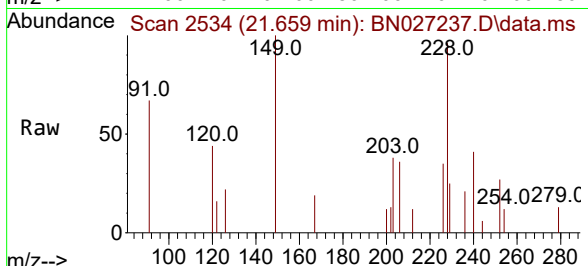
Acq: 29 Aug 2023 12:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20230819



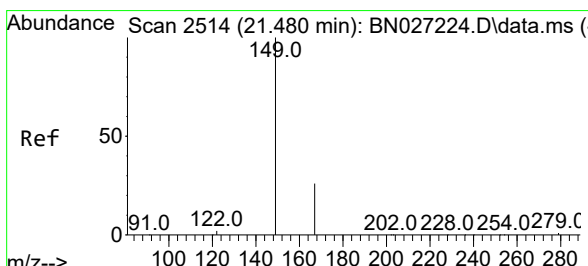
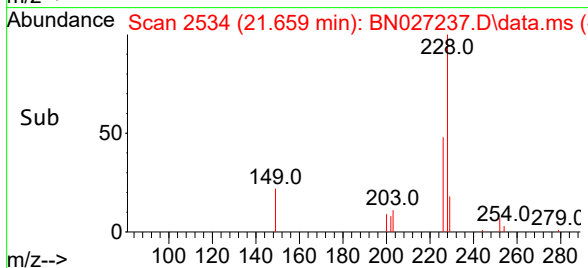
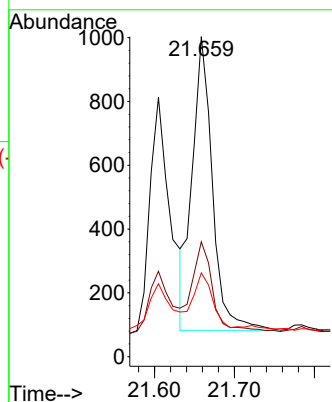
Tgt Ion:228 Resp: 1608

Ion Ratio Lower Upper

228 100

226 35.9 24.3 36.5

229 26.2 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.200 ng

RT: 21.479 min Scan# 2514

Delta R.T. -0.000 min

Lab File: BN027237.D

Acq: 29 Aug 2023 12:25

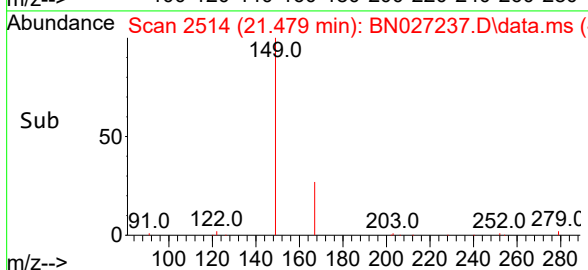
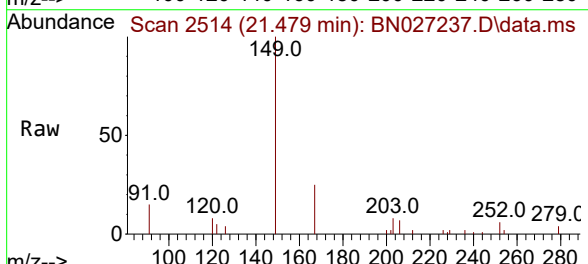
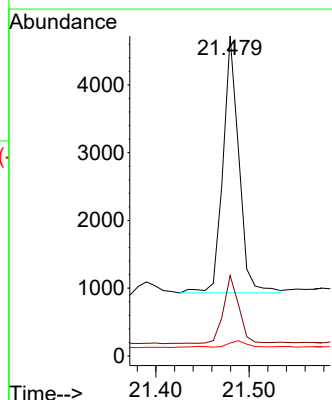
Tgt Ion:149 Resp: 4495

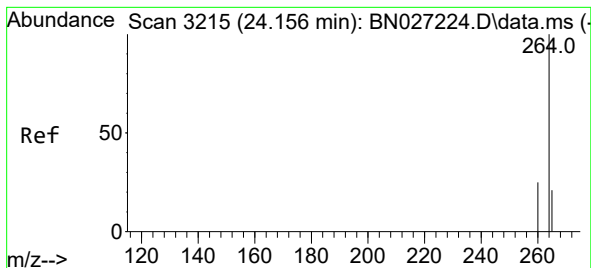
Ion Ratio Lower Upper

149 100

167 26.3 22.1 33.1

279 2.7 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: BN027237.D

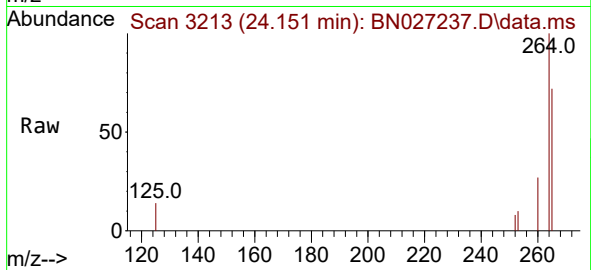
Acq: 29 Aug 2023 12:25

Instrument :

BNA_N

ClientSampleId :

MW202D-20230819



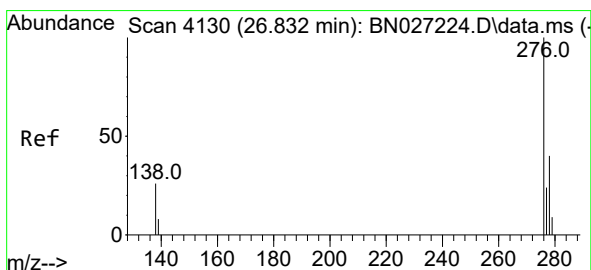
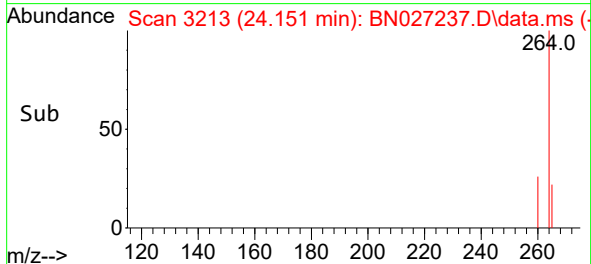
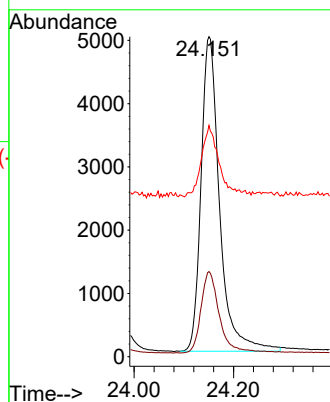
Tgt Ion:264 Resp: 12865

Ion Ratio Lower Upper

264 100

260 26.6 20.7 31.1

265 72.2 53.3 79.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 26.823 min Scan# 4127

Delta R.T. -0.009 min

Lab File: BN027237.D

Acq: 29 Aug 2023 12:25

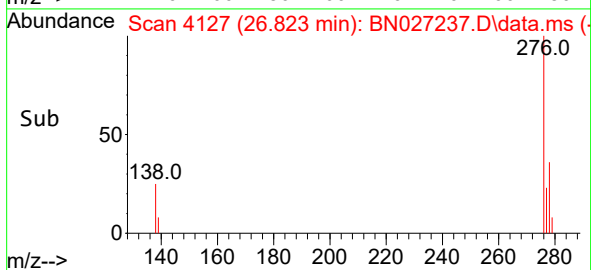
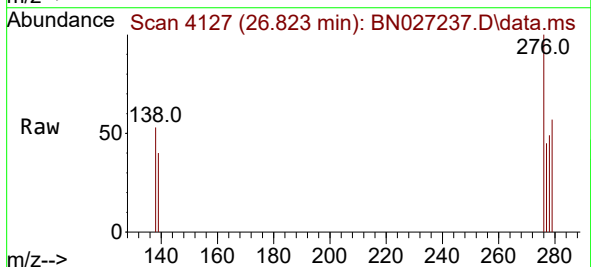
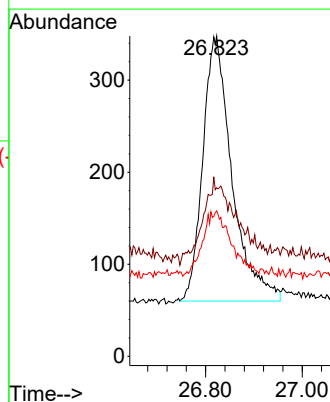
Tgt Ion:276 Resp: 1207

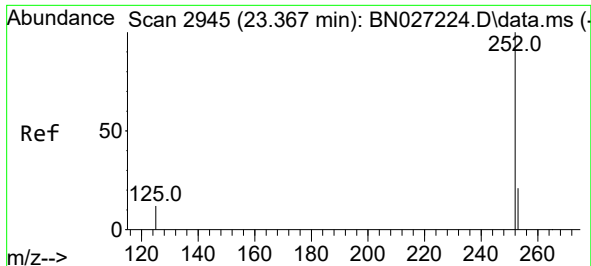
Ion Ratio Lower Upper

276 100

138 12.2 23.4 35.2#

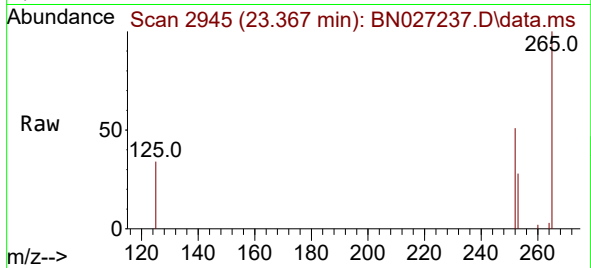
277 23.5 19.8 29.8



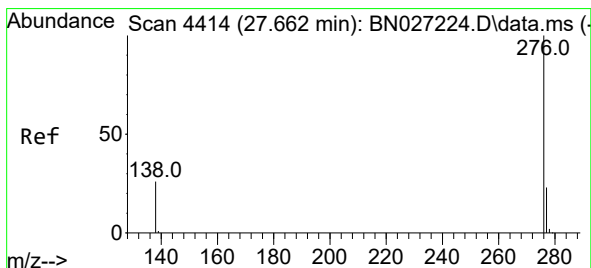
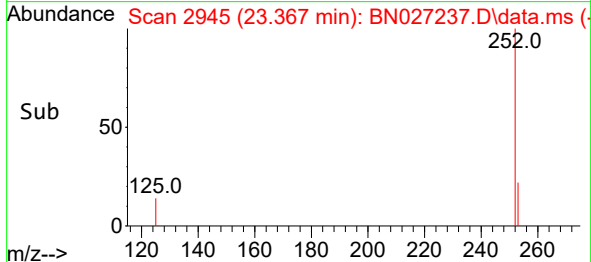
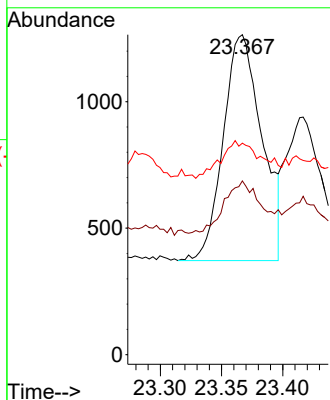


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.367 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
MW202D-20230819



Tgt Ion:252 Resp: 1965
Ion Ratio Lower Upper
252 100
253 54.3 19.9 29.9#
125 66.1 13.8 20.6#



#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 27.650 min Scan# 4410
Delta R.T. -0.012 min
Lab File: BN027237.D
Acq: 29 Aug 2023 12:25

Tgt Ion:276 Resp: 1274
Ion Ratio Lower Upper
276 100
277 42.3 19.6 29.4#
138 47.6 22.1 33.1#

