

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
 Data File : BN026836.D
 Acq On : 07 Aug 2023 18:21
 Operator : MA/JU
 Sample : 03909-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230803

Quant Time: Aug 08 00:51:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

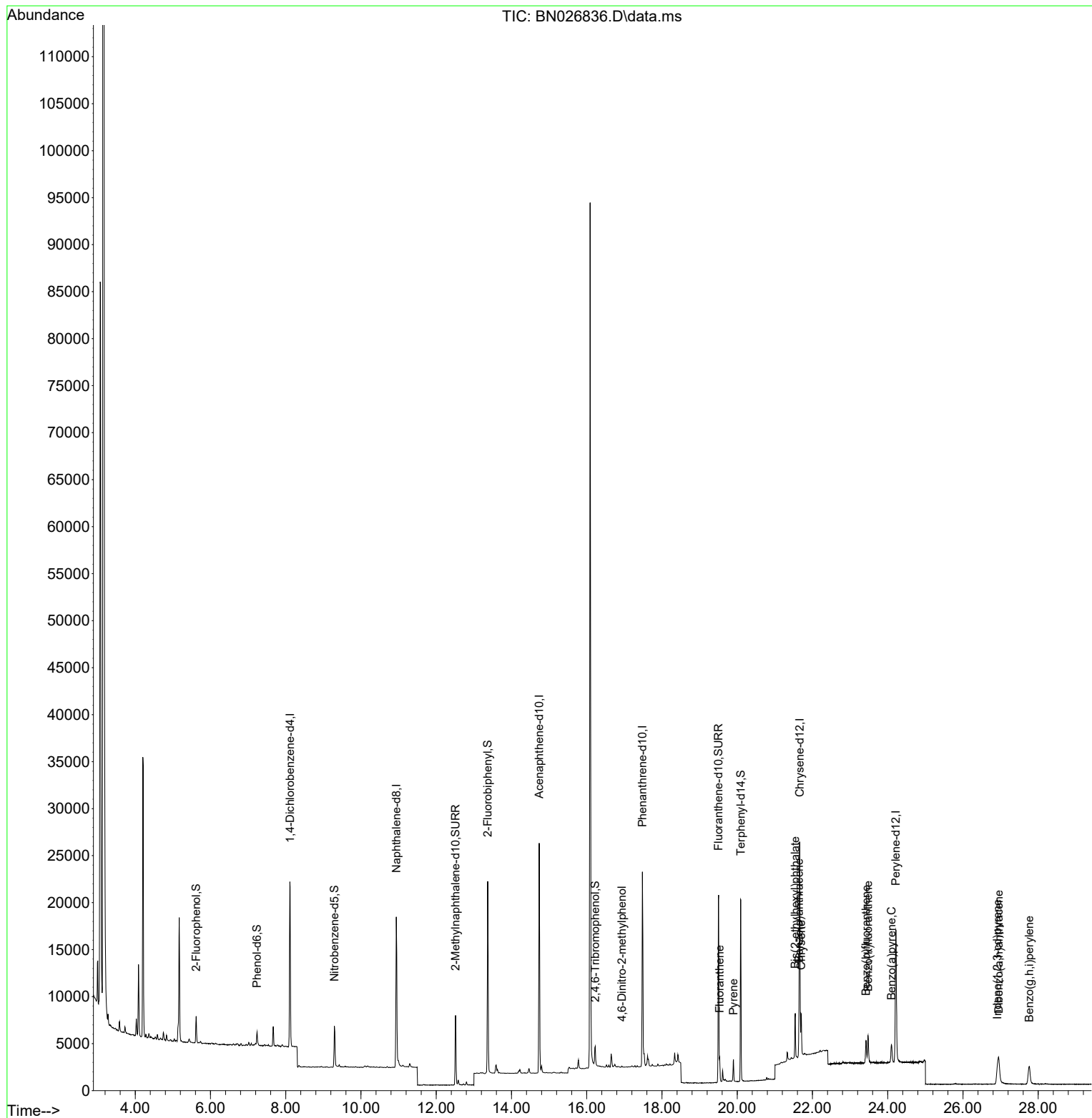
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8808	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	23398	0.400	ng	-0.01
13) Acenaphthene-d10	14.737	164	13732	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	28896	0.400	ng	-0.01
29) Chrysene-d12	21.659	240	21220	0.400	ng	#-0.02
35) Perylene-d12	24.215	264	22001	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	2270	0.102	ng	0.00
5) Phenol-d6	7.236	99	1369	0.047	ng	0.00
8) Nitrobenzene-d5	9.294	82	3780	0.273	ng	-0.01
11) 2-Methylnaphthalene-d10	12.513	152	10072	0.300	ng	-0.01
14) 2,4,6-Tribromophenol	16.226	330	1401	0.300	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	17514	0.312	ng	-0.01
27) Fluoranthene-d10	19.504	212	22001	0.317	ng	0.00
31) Terphenyl-d14	20.094	244	20097	0.454	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	16.934	198	12	0.026	ng	# 1
28) Fluoranthene	19.532	202	2069	0.021	ng	94
30) Pyrene	19.899	202	2032	0.022	ng	98
32) Benzo(a)anthracene	21.641	228	3084	0.042	ng	92
33) Chrysene	21.704	228	4177	0.052	ng	97
34) Bis(2-ethylhexyl)phtha...	21.542	149	5185	0.215	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.916	276	5031	0.056	ng	97
37) Benzo(b)fluoranthene	23.423	252	3401	0.039	ng	# 66
38) Benzo(k)fluoranthene	23.478	252	4288	0.048	ng	# 72
39) Benzo(a)pyrene	24.101	252	3223	0.041	ng	# 57
40) Dibenzo(a,h)anthracene	26.952	278	4492	0.064	ng	# 84
41) Benzo(g,h,i)perylene	27.764	276	4978	0.060	ng	# 88

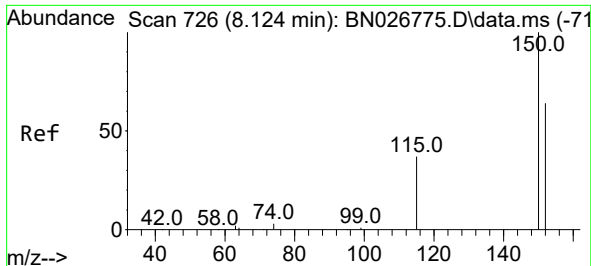
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN026836.D
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SP-303-20230803

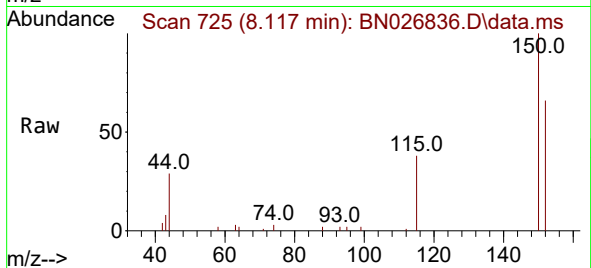
Quant Time: Aug 08 00:51:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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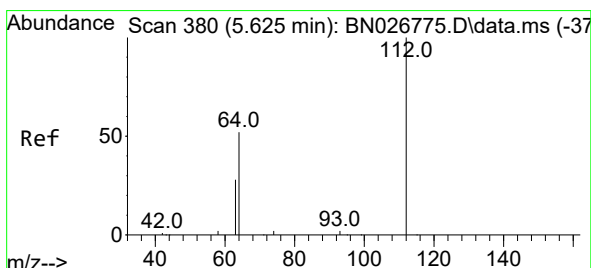
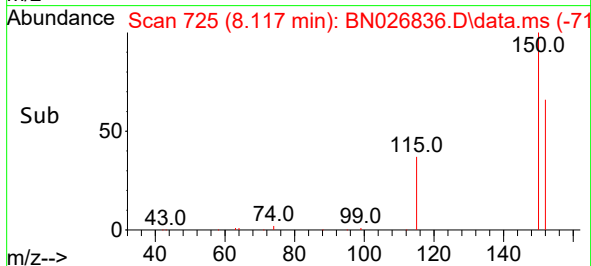
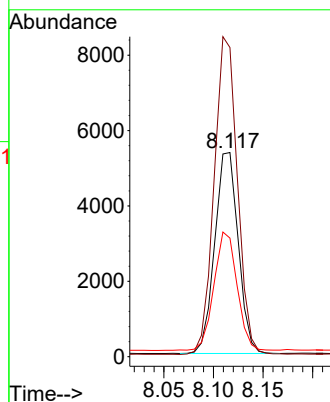


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.117 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

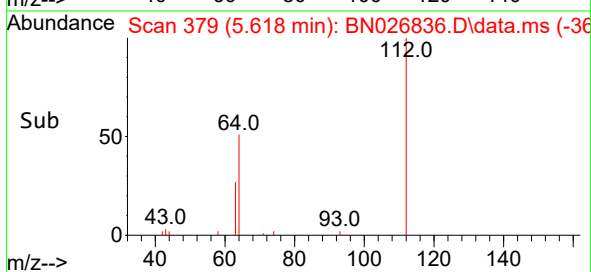
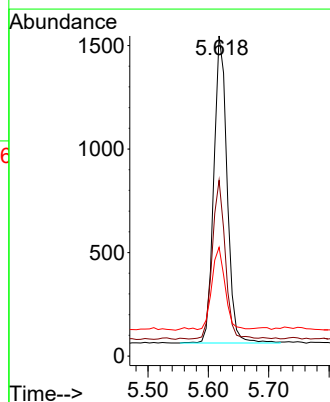
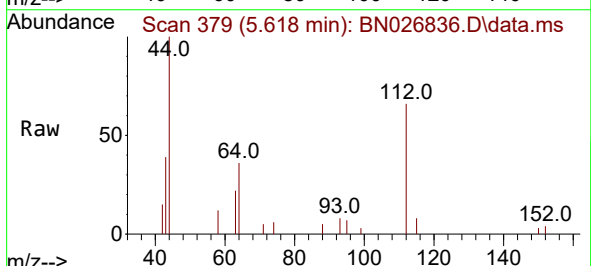


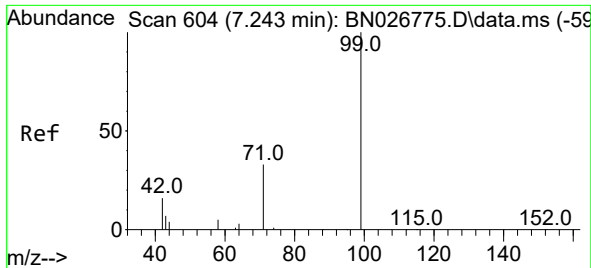
Tgt Ion:152 Resp: 8808
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.8
115 58.0 48.0 72.0



#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.618 min Scan# 379
Delta R.T. -0.007 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:112 Resp: 2270
Ion Ratio Lower Upper
112 100
64 50.6 42.2 63.2
63 26.7 22.7 34.1

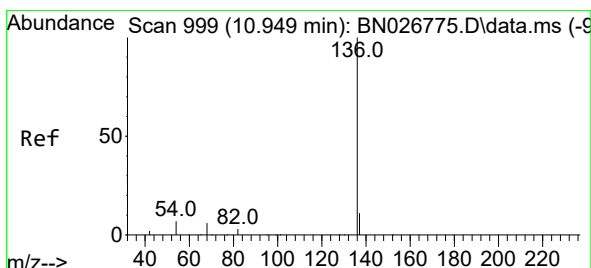
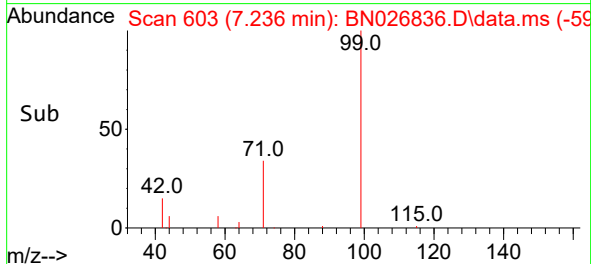
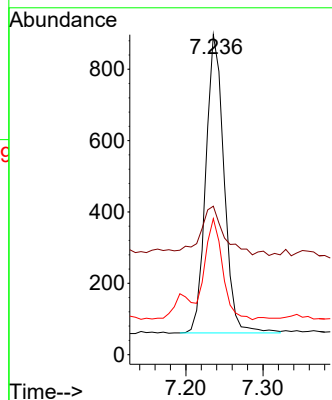
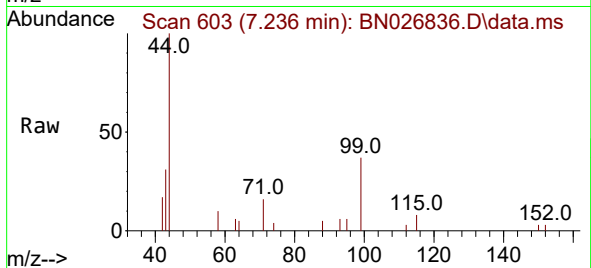




#5
Phenol-d6
Concen: 0.047 ng
RT: 7.236 min Scan# 604
Delta R.T. -0.007 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

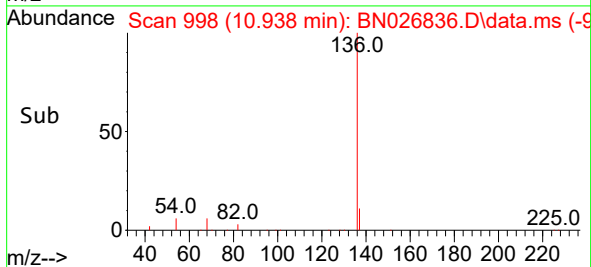
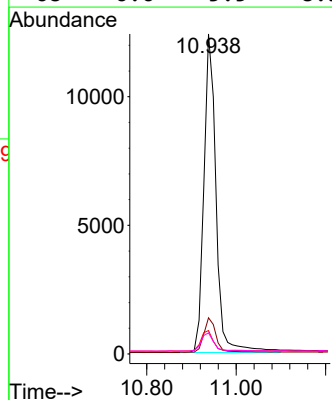
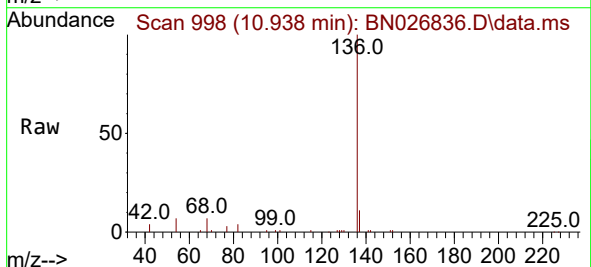
Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

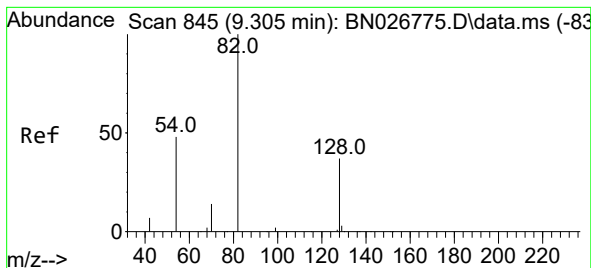
Tgt Ion: 99 Resp: 1369
Ion Ratio Lower Upper
99 100
42 22.3 14.6 22.0#
71 32.0 26.6 40.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:136 Resp: 23398
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.3 6.2 9.2
68 6.6 5.5 8.3

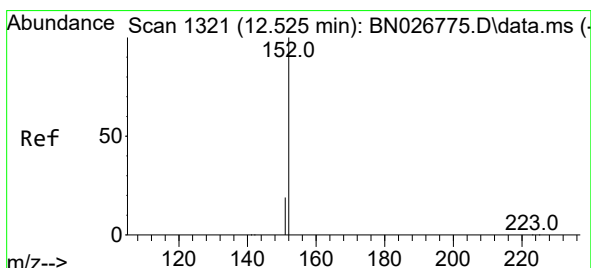
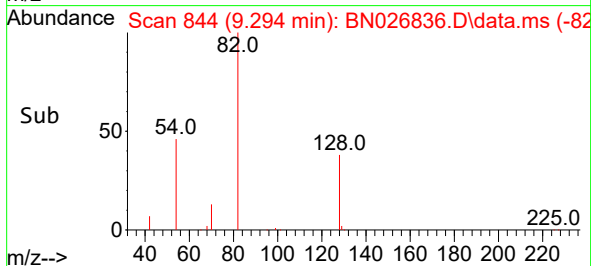
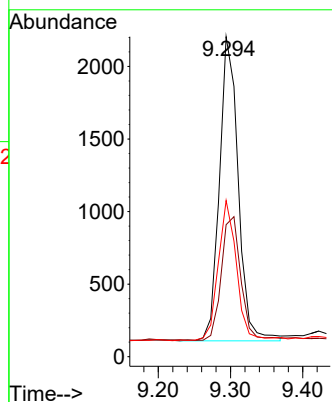
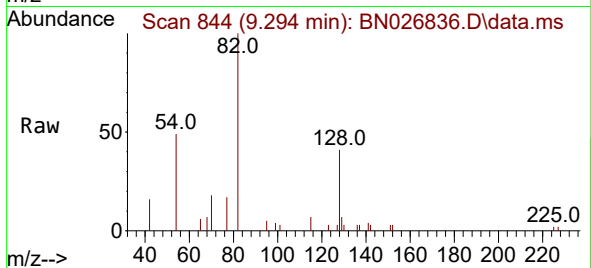




#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 9.294 min Scan# 84
Delta R.T. -0.011 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

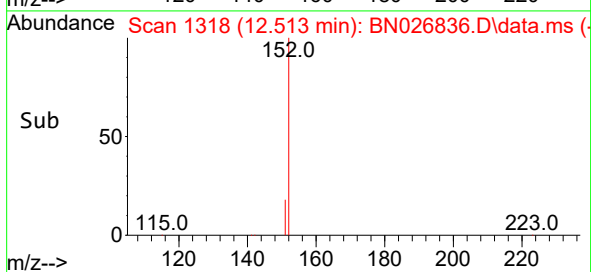
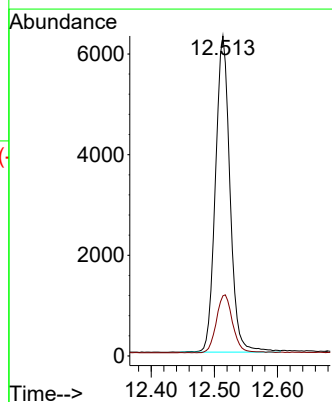
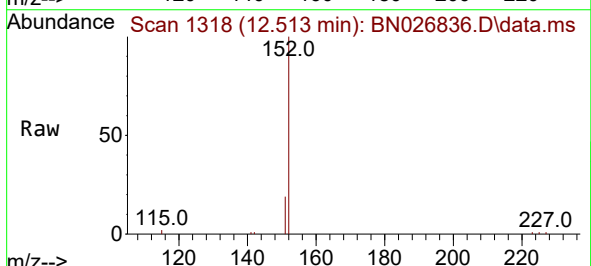
Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

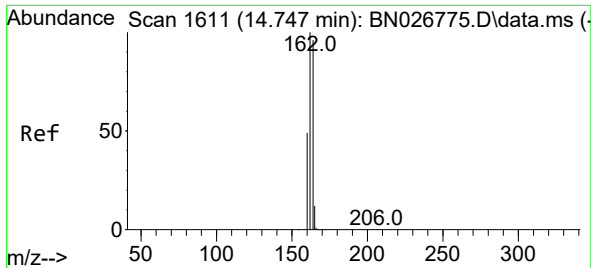
Tgt Ion: 82 Resp: 3780
Ion Ratio Lower Upper
82 100
128 41.3 30.5 45.7
54 48.8 39.4 59.2



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.513 min Scan# 1318
Delta R.T. -0.011 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:152 Resp: 10072
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7

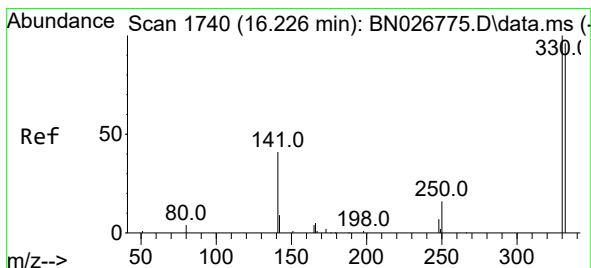
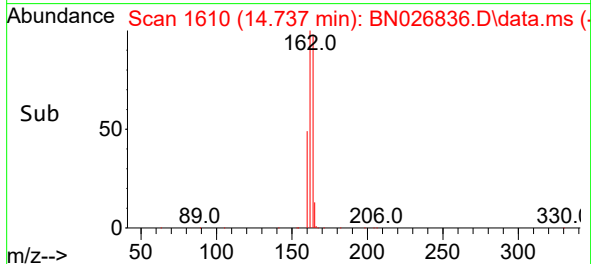
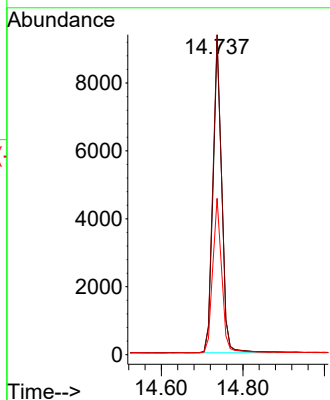
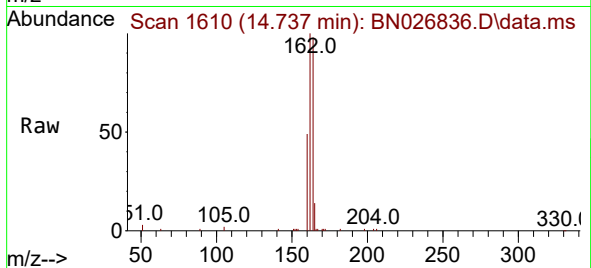




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.011 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

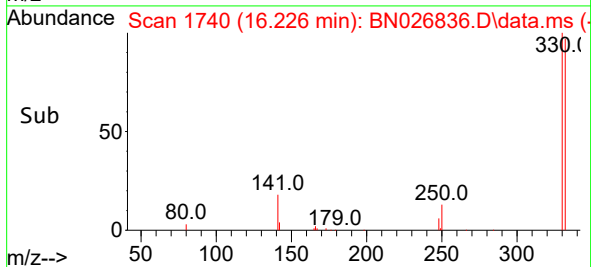
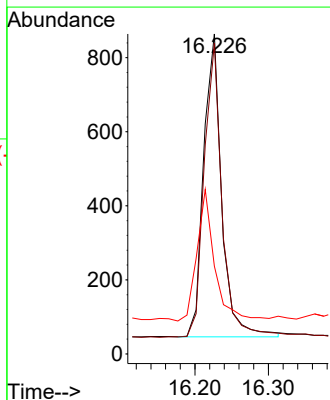
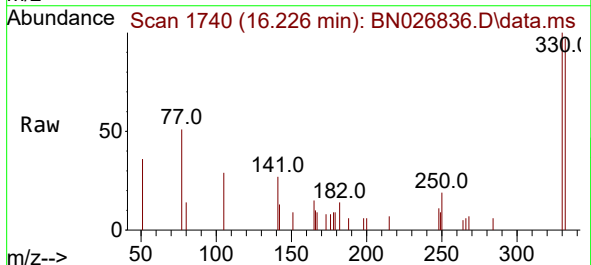
Instrument :
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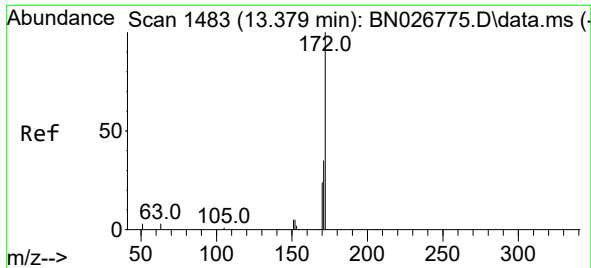
Tgt Ion:164 Resp: 13732
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 49.8 40.8 61.2



#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:330 Resp: 1401
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.6
141 42.6 34.8 52.2

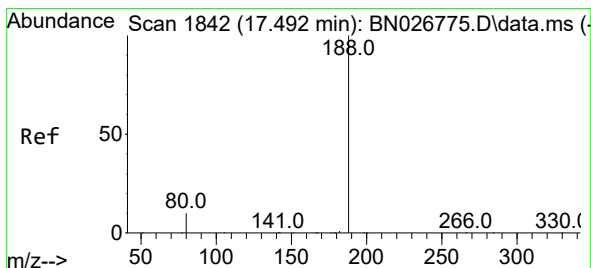
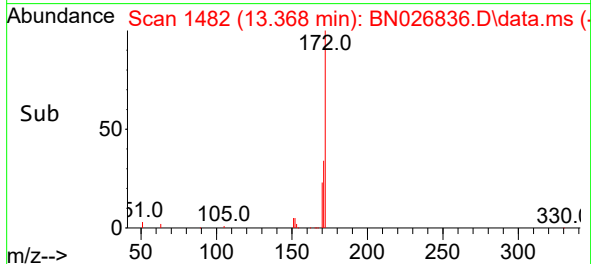
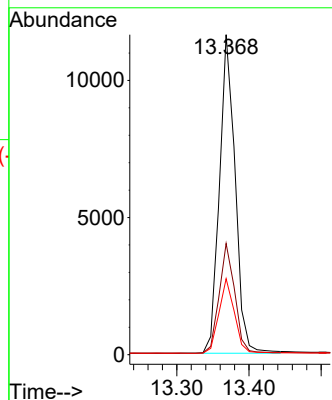
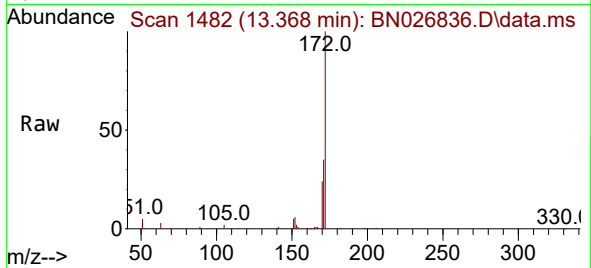




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.011 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

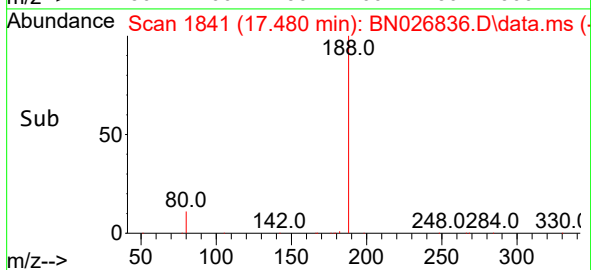
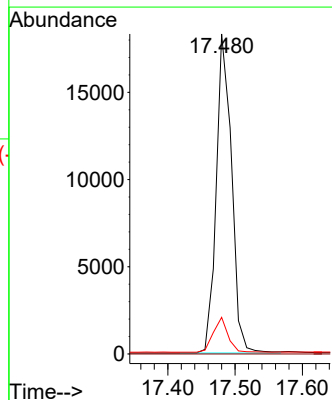
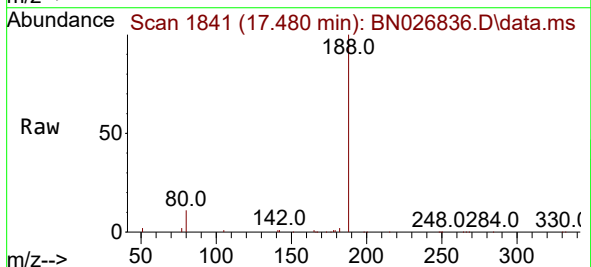
Instrument :
BNA_N
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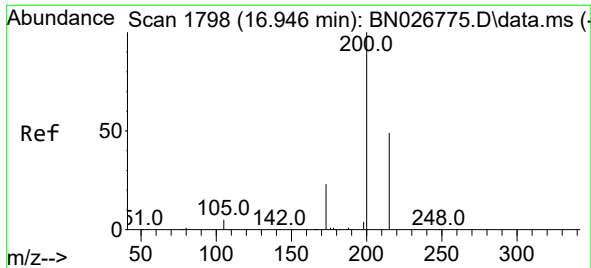
Tgt Ion:172 Resp: 17514
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.8 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:188 Resp: 28896
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.0 12.0

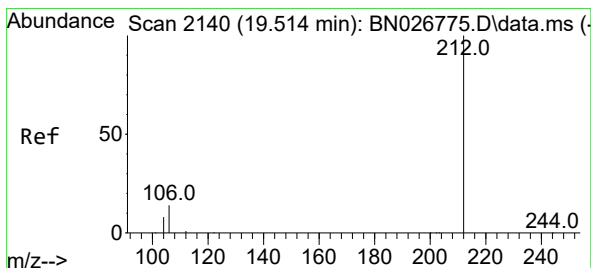
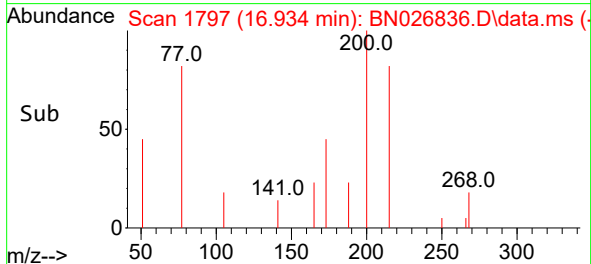
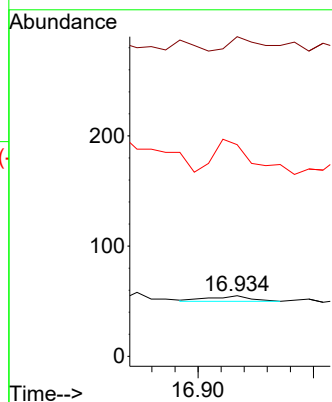
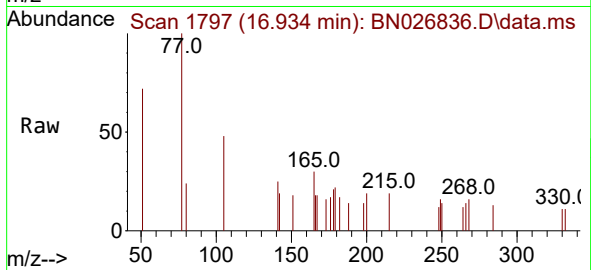




#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 16.934 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

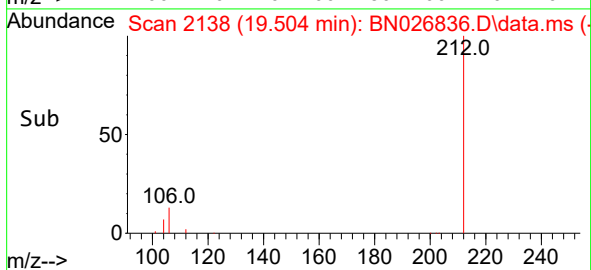
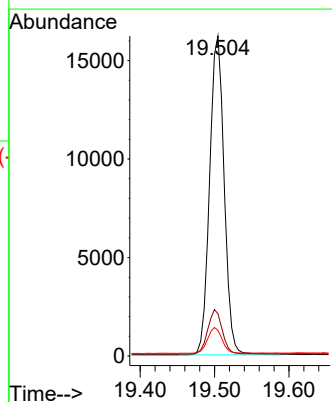
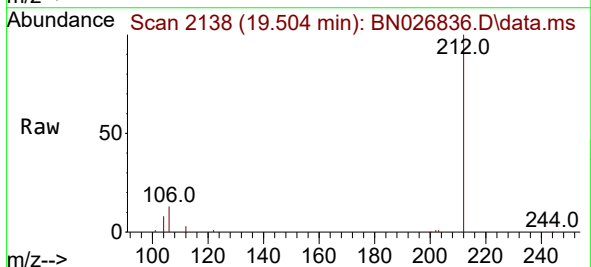
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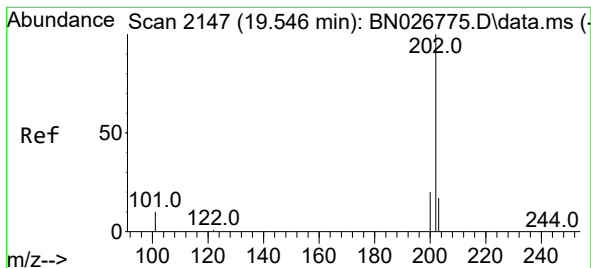
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 527.3 150.5 225.7#
105 349.1 165.0 247.6#



#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.504 min Scan# 2138
Delta R.T. -0.009 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:212 Resp: 22001
Ion Ratio Lower Upper
212 100
106 13.8 11.7 17.5
104 7.9 6.4 9.6





#28

Fluoranthene

Concen: 0.021 ng

RT: 19.532 min Scan# 2144

Delta R.T. -0.014 min

Lab File: BN026836.D

Acq: 07 Aug 2023 18:21

Instrument :

BNA_N

ClientSampleId :

SP-303-20230803

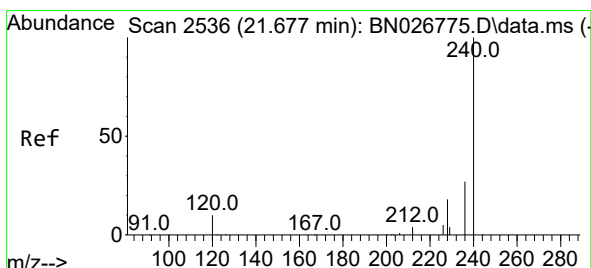
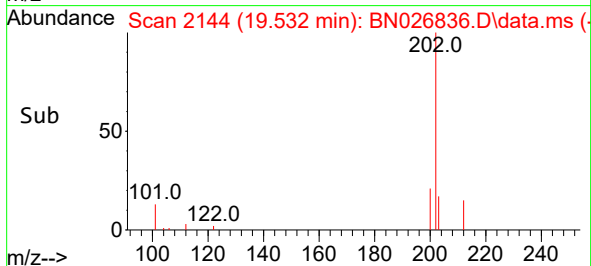
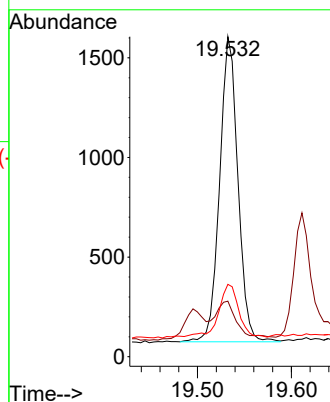
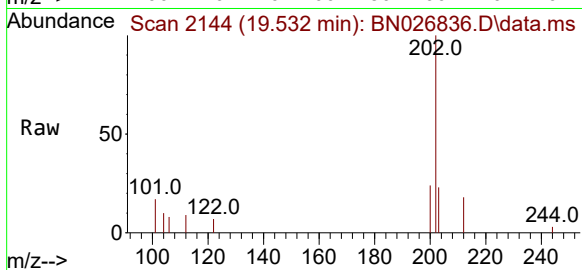
Tgt Ion:202 Resp: 2069

Ion Ratio Lower Upper

202 100

101 12.8 9.2 13.8

203 20.3 13.7 20.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.659 min Scan# 2534

Delta R.T. -0.018 min

Lab File: BN026836.D

Acq: 07 Aug 2023 18:21

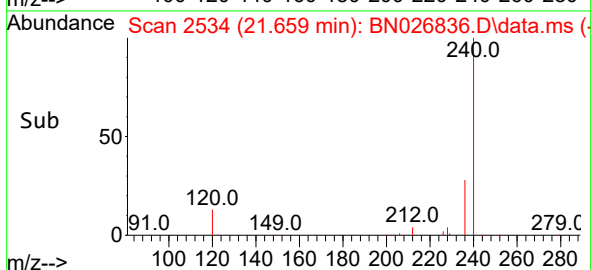
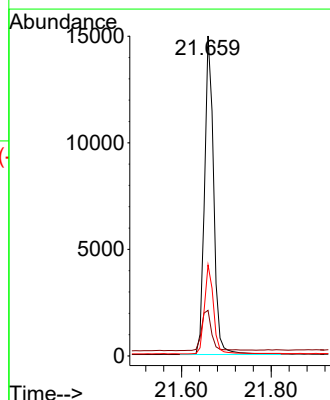
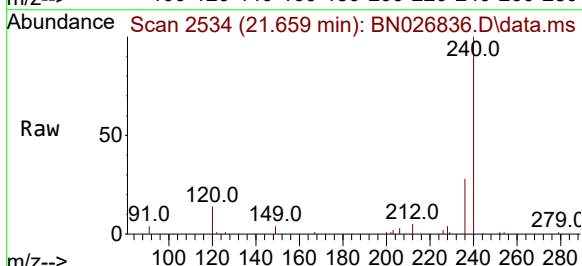
Tgt Ion:240 Resp: 21220

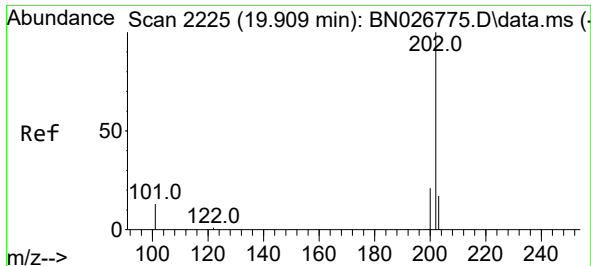
Ion Ratio Lower Upper

240 100

120 14.2 9.2 13.8#

236 28.4 21.9 32.9

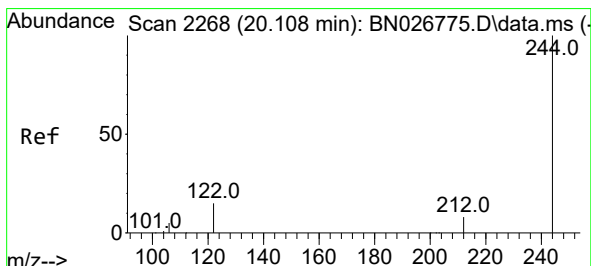
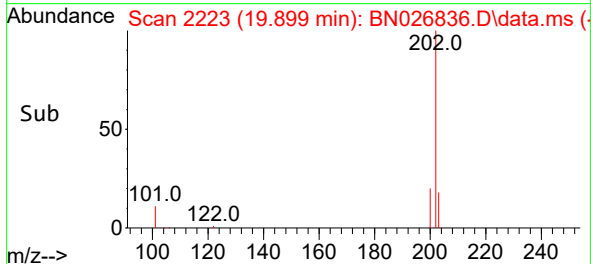
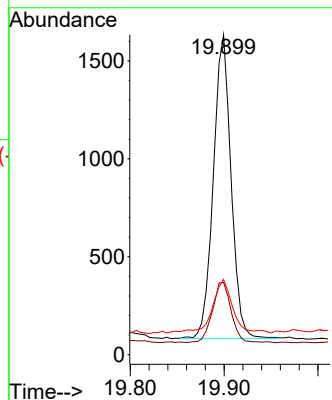
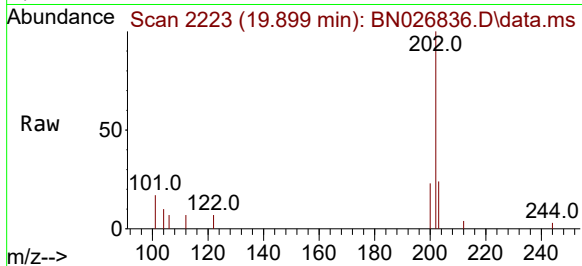




#30
Pyrene
Concen: 0.022 ng
RT: 19.899 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

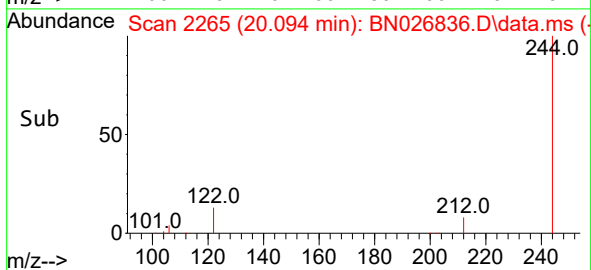
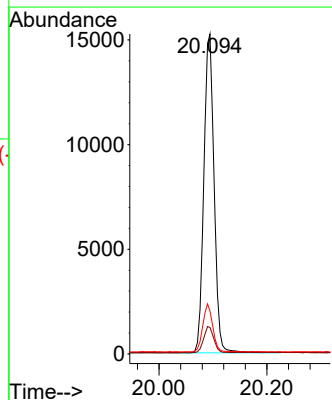
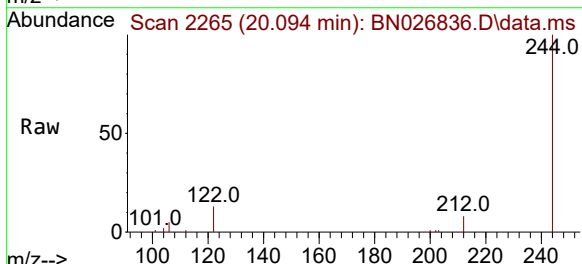
Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

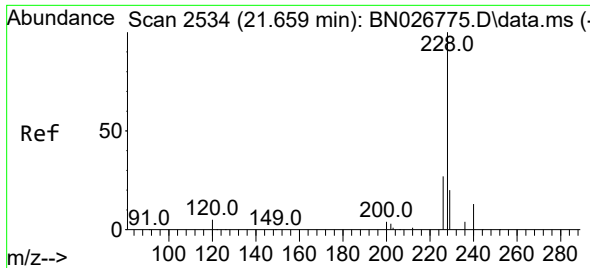
Tgt Ion:	202	Resp:	2032
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	19.7	14.2	21.2



#31
Terphenyl-d14
Concen: 0.454 ng
RT: 20.094 min Scan# 2265
Delta R.T. -0.014 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:	244	Resp:	20097
Ion Ratio	Lower	Upper	
244	100		
212	8.3	7.0	10.4
122	13.4	12.3	18.5

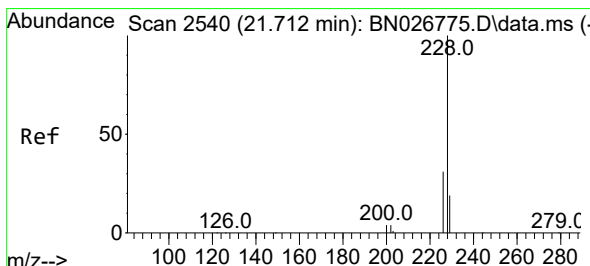
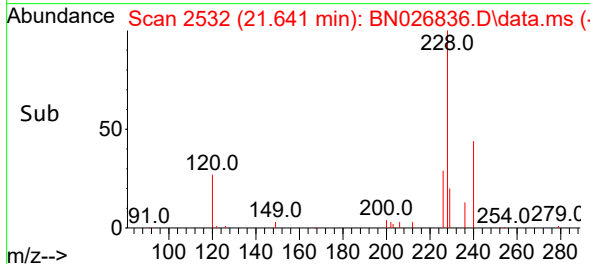
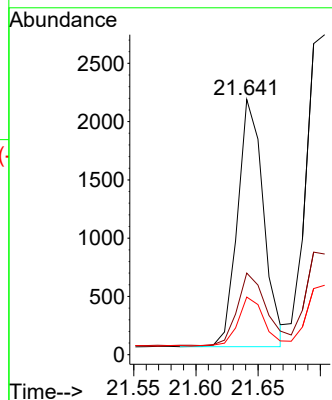
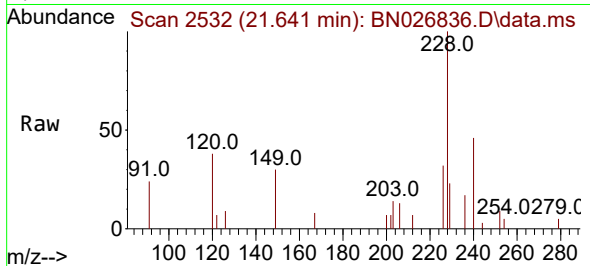




#32
Benzo(a)anthracene
Concen: 0.042 ng
RT: 21.641 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

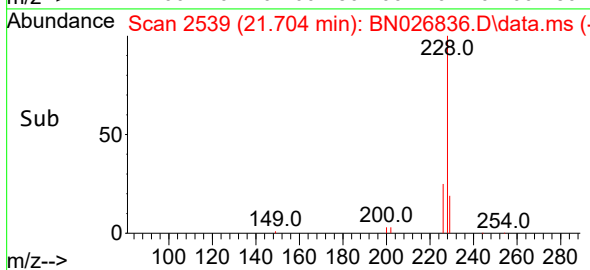
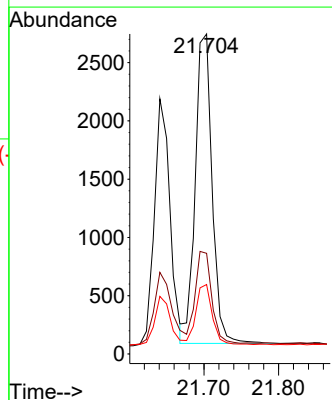
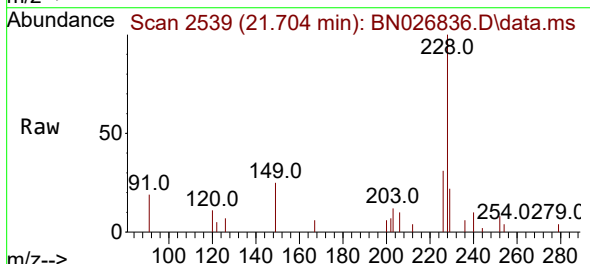
Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

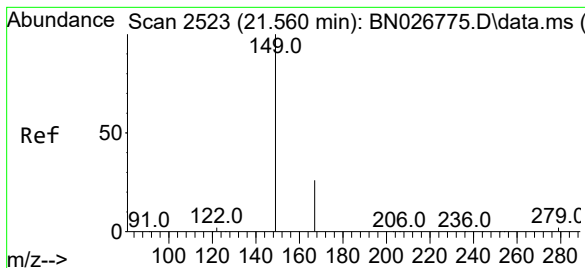
Tgt Ion:228 Resp: 3084
Ion Ratio Lower Upper
228 100
226 32.0 21.9 32.9
229 22.6 15.8 23.8



#33
Chrysene
Concen: 0.052 ng
RT: 21.704 min Scan# 2539
Delta R.T. -0.009 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:228 Resp: 4177
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 21.7 15.4 23.2

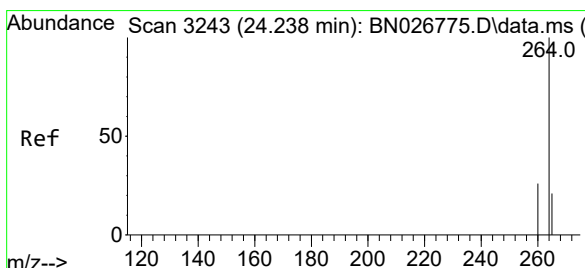
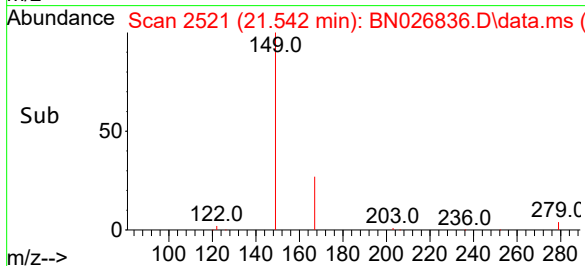
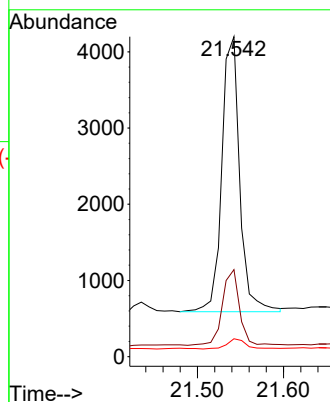
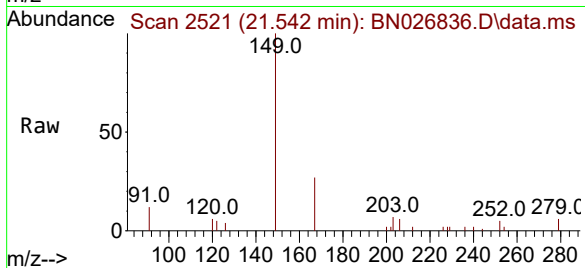




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.215 ng
 RT: 21.542 min Scan# 2154
 Delta R.T. -0.018 min
 Lab File: BN026836.D
 Acq: 07 Aug 2023 18:21

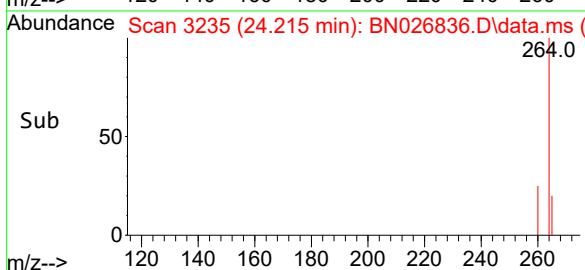
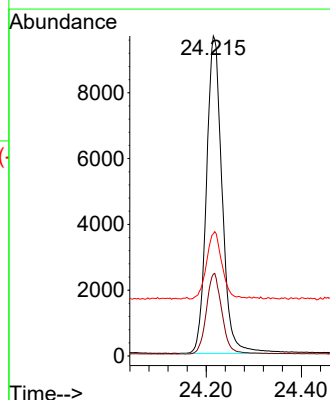
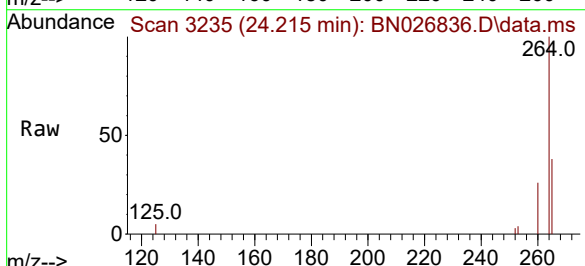
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230803

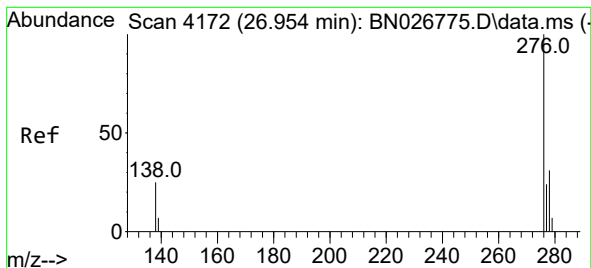
Tgt Ion:149 Resp: 5185
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.8 31.2
 279 4.1 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.215 min Scan# 3235
 Delta R.T. -0.023 min
 Lab File: BN026836.D
 Acq: 07 Aug 2023 18:21

Tgt Ion:264 Resp: 22001
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.0 31.6
 265 38.2 22.6 33.8#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng

RT: 26.916 min Scan# 41

Delta R.T. -0.038 min

Lab File: BN026836.D

Acq: 07 Aug 2023 18:21

Instrument :

BNA_N

ClientSampleId :

SP-303-20230803

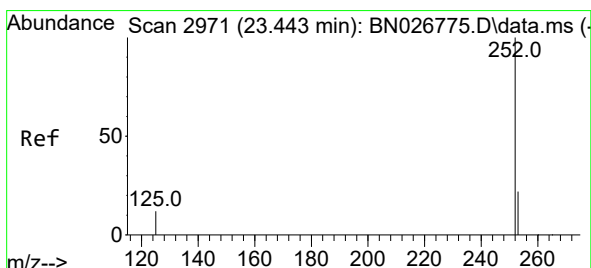
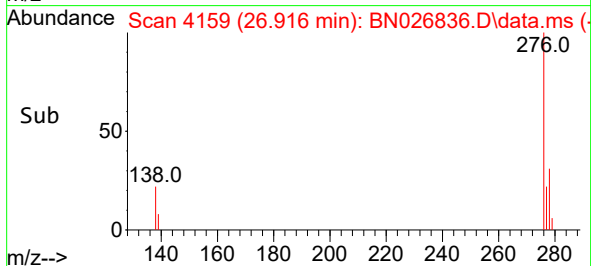
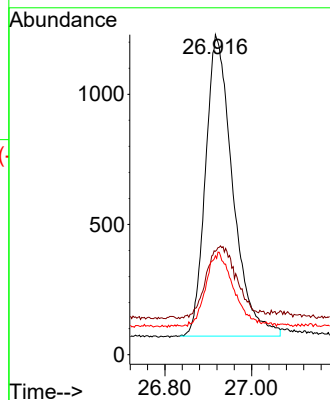
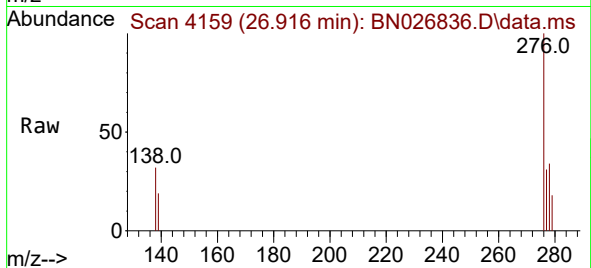
Tgt Ion:276 Resp: 5031

Ion Ratio Lower Upper

276 100

138 26.3 22.8 34.2

277 24.4 19.9 29.9



#37

Benzo(b)fluoranthene

Concen: 0.039 ng

RT: 23.423 min Scan# 2964

Delta R.T. -0.020 min

Lab File: BN026836.D

Acq: 07 Aug 2023 18:21

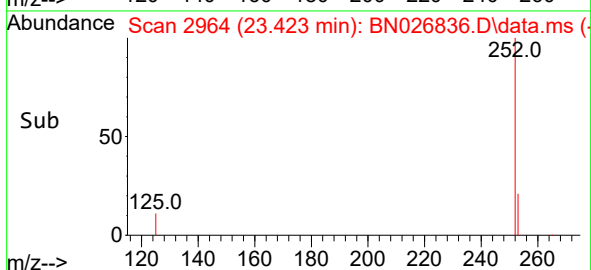
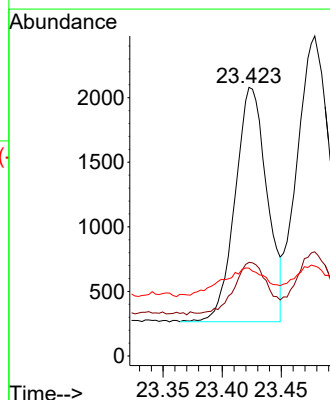
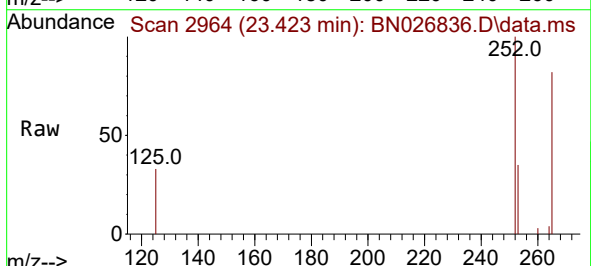
Tgt Ion:252 Resp: 3401

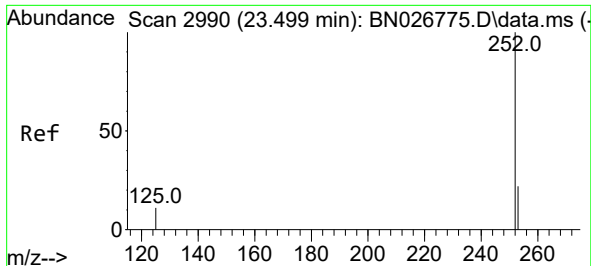
Ion Ratio Lower Upper

252 100

253 34.9 17.8 26.8#

125 32.7 10.8 16.2#

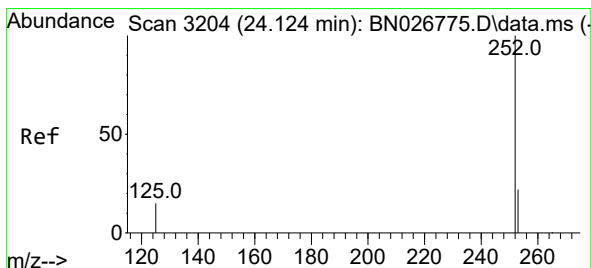
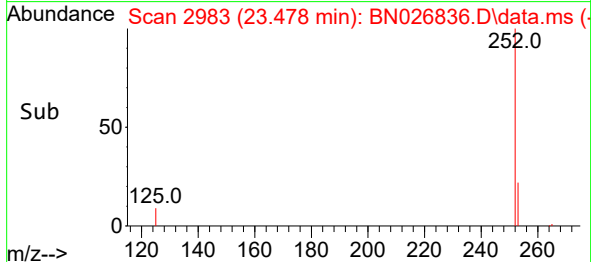
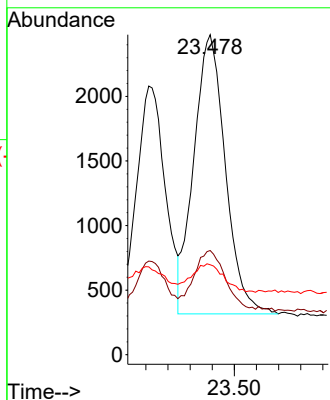
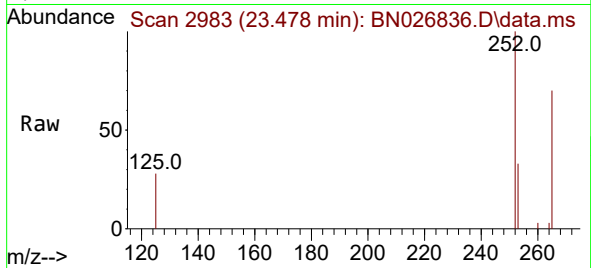




#38
Benzo(k)fluoranthene
Concen: 0.048 ng
RT: 23.478 min Scan# 2990
Delta R.T. -0.020 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

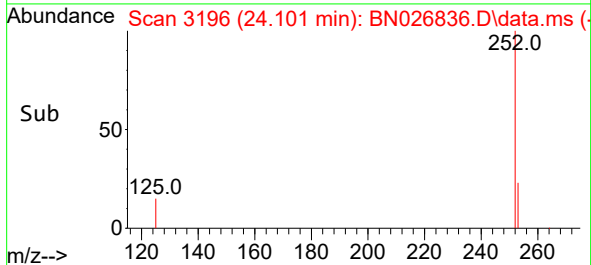
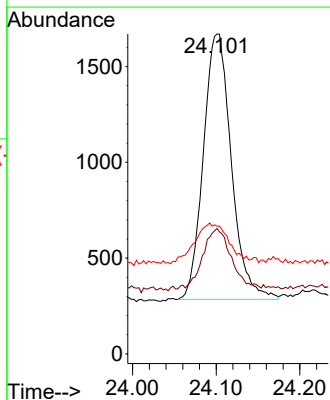
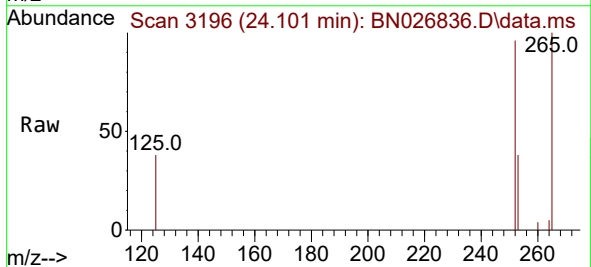
Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

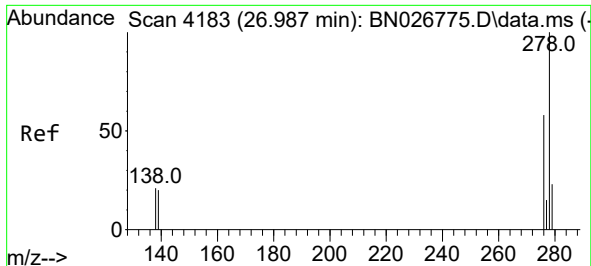
Tgt Ion:252 Resp: 4288
Ion Ratio Lower Upper
252 100
253 32.6 18.0 27.0#
125 28.1 9.4 14.2#



#39
Benzo(a)pyrene
Concen: 0.041 ng
RT: 24.101 min Scan# 3196
Delta R.T. -0.023 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:252 Resp: 3223
Ion Ratio Lower Upper
252 100
253 39.2 18.5 27.7#
125 39.9 12.7 19.1#

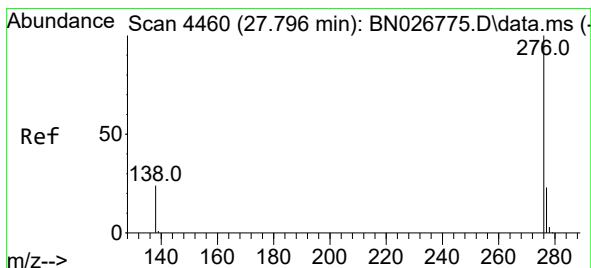
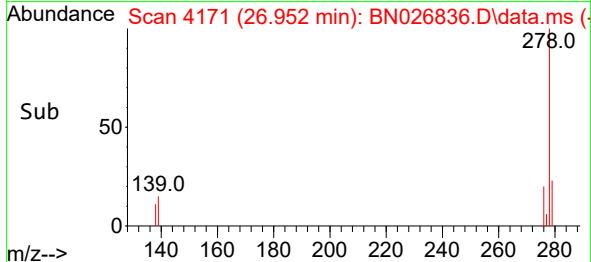
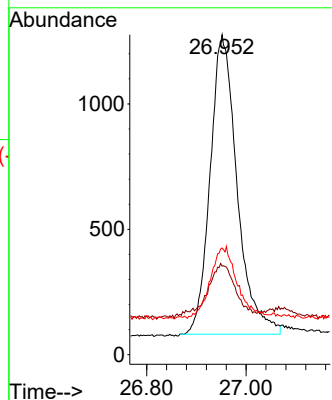
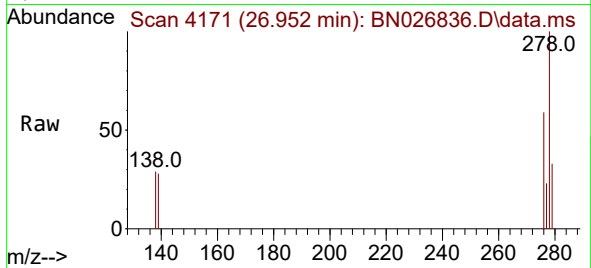




#40
Dibenzo(a,h)anthracene
Concen: 0.064 ng
RT: 26.952 min Scan# 41
Delta R.T. -0.035 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Instrument :
BNA_N
ClientSampleId :
SP-303-20230803

Tgt Ion:278 Resp: 4492
Ion Ratio Lower Upper
278 100
139 27.7 16.8 25.2#
279 33.4 19.5 29.3#



#41
Benzo(g,h,i)perylene
Concen: 0.060 ng
RT: 27.764 min Scan# 4449
Delta R.T. -0.032 min
Lab File: BN026836.D
Acq: 07 Aug 2023 18:21

Tgt Ion:276 Resp: 4978
Ion Ratio Lower Upper
276 100
277 29.5 19.1 28.7#
138 31.0 19.8 29.6#

