

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081223\
 Data File : BN026890.D
 Acq On : 11 Aug 2023 08:26
 Operator : MA/JU
 Sample : PB154594BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154594BL

Quant Time: Aug 11 08:55:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 01:57:19 2023
 Response via : Initial Calibration

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

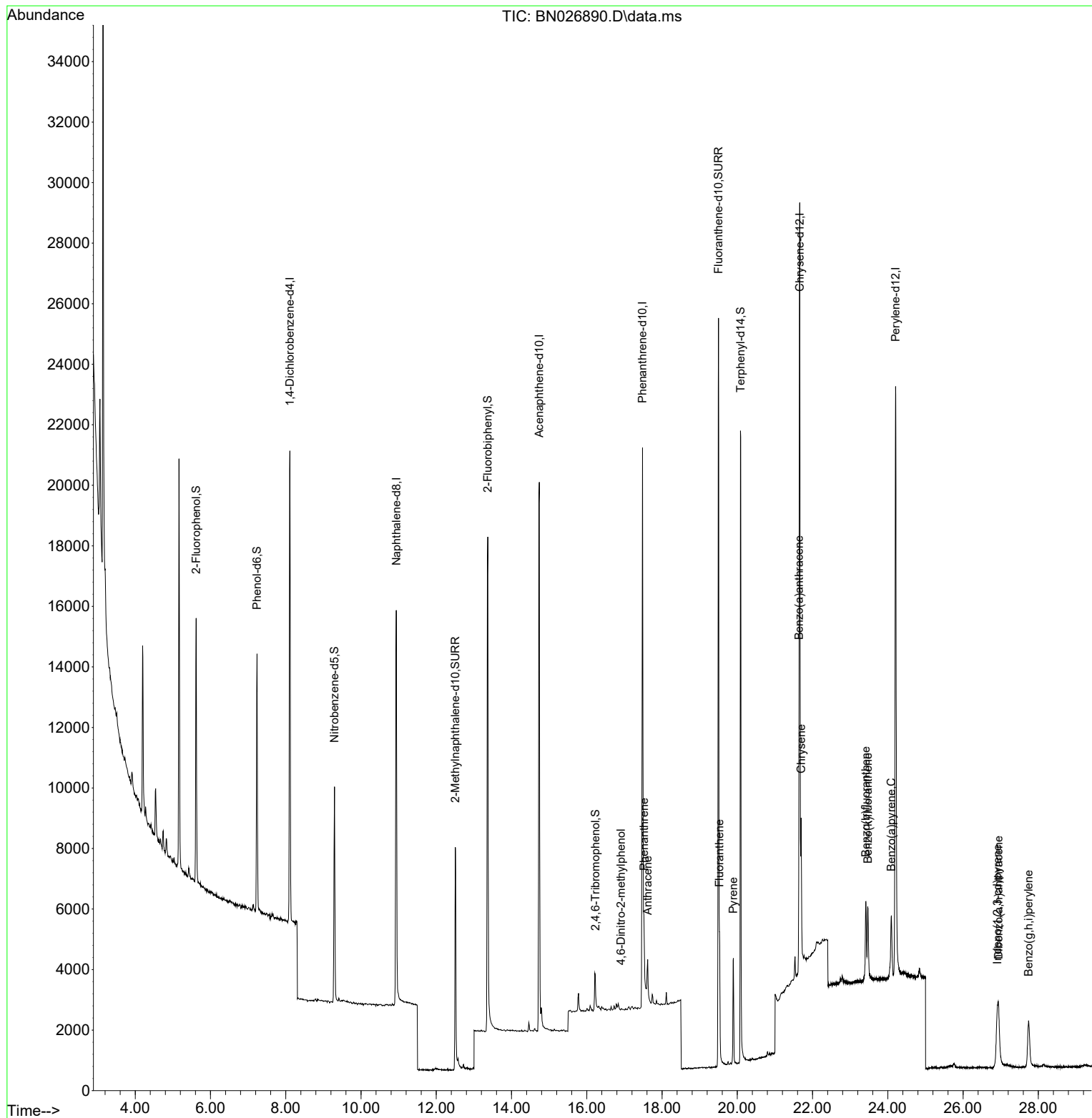
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	8046	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	19961	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	12380	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	29605	0.400	ng	0.00
29) Chrysene-d12	21.659	240	26366	0.400	ng	0.00
35) Perylene-d12	24.206	264	29941	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	7427	0.327	ng	0.00
5) Phenol-d6	7.236	99	8740	0.312	ng	0.00
8) Nitrobenzene-d5	9.294	82	5988	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	11462	0.361	ng	0.00
14) 2,4,6-Tribromophenol	16.226	330	1013	0.154	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	17203	0.374	ng	0.00
27) Fluoranthene-d10	19.500	212	29470	0.388	ng	0.00
31) Terphenyl-d14	20.090	244	22275	0.404	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.909	198	10	0.022	ng	Qvalue # 24
25) Phenanthrene	17.517	178	2158	0.025	ng	97
26) Anthracene	17.617	178	1879	0.024	ng	99
28) Fluoranthene	19.528	202	3459	0.034	ng	98
30) Pyrene	19.895	202	3504	0.035	ng	99
32) Benzo(a)anthracene	21.641	228	3474	0.037	ng	96
33) Chrysene	21.695	228	3834	0.040	ng	96
36) Indeno(1,2,3-cd)pyrene	26.908	276	4610	0.038	ng	100
37) Benzo(b)fluoranthene	23.417	252	3968	0.040	ng	# 61
38) Benzo(k)fluoranthene	23.469	252	3895	0.038	ng	# 61
39) Benzo(a)pyrene	24.095	252	3733	0.037	ng	# 51
40) Dibenzo(a,h)anthracene	26.943	278	3525	0.036	ng	# 70
41) Benzo(g,h,i)perylene	27.741	276	4059	0.039	ng	# 79

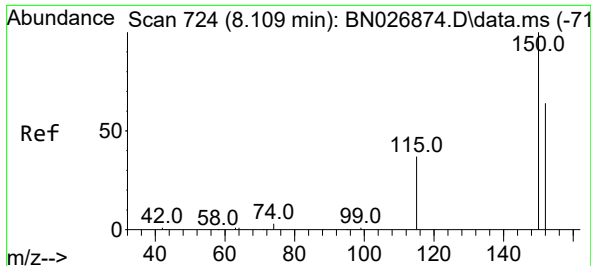
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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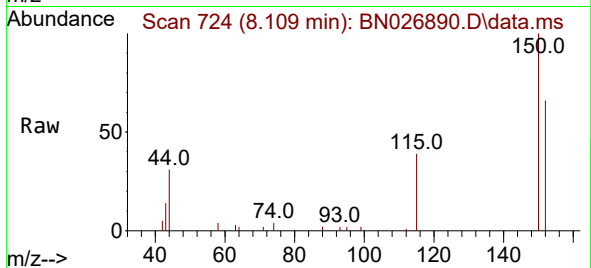
Quant Time: Aug 11 08:55:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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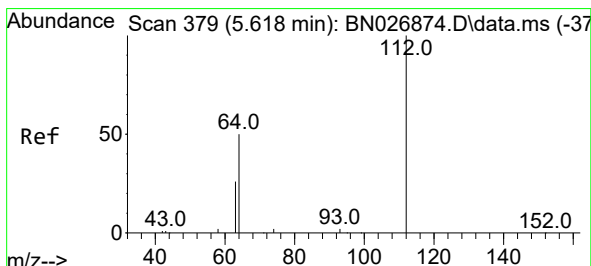
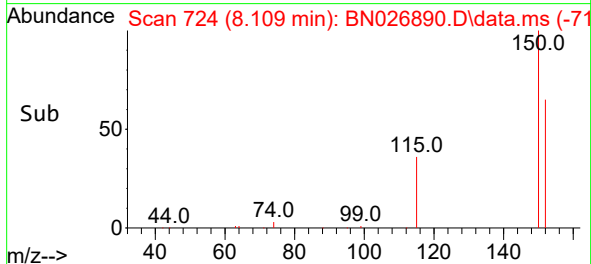
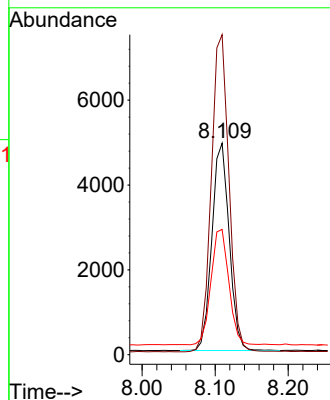


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Instrument :
BNA_N
ClientSampleId :
PB154594BL

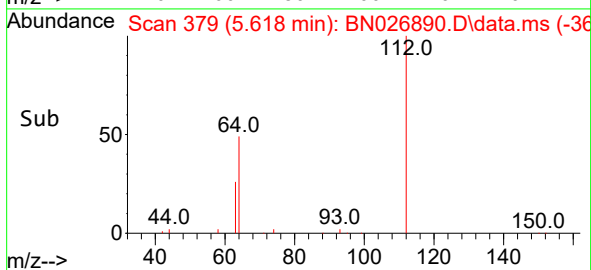
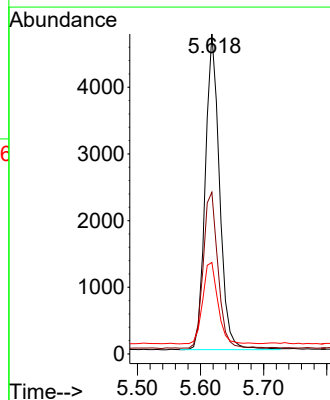
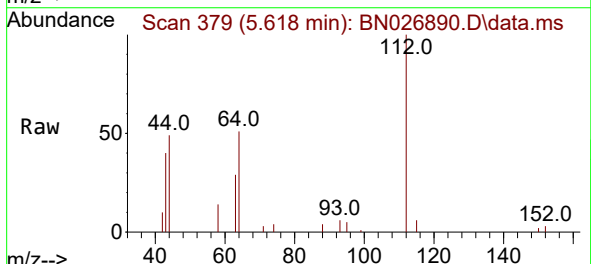


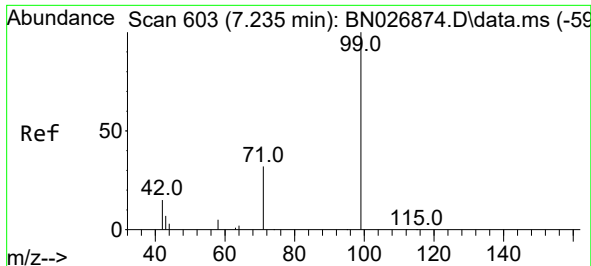
Tgt Ion:152 Resp: 8046
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.6
115 59.2 49.7 74.5



#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

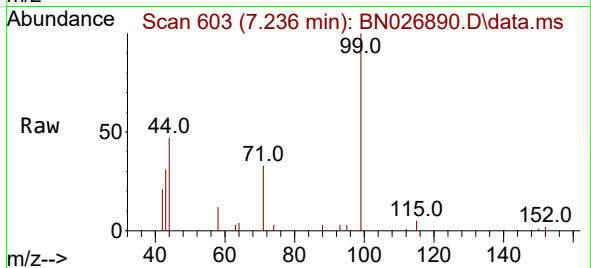
Tgt Ion:112 Resp: 7427
Ion Ratio Lower Upper
112 100
64 51.3 41.5 62.3
63 27.3 21.7 32.5



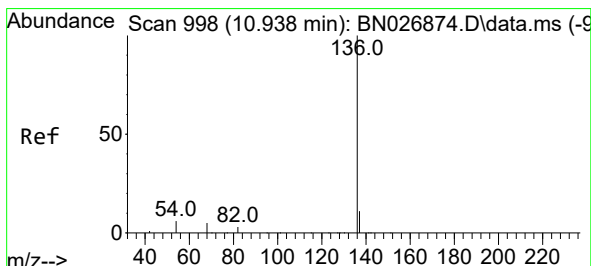
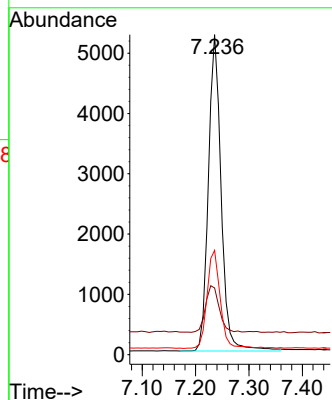
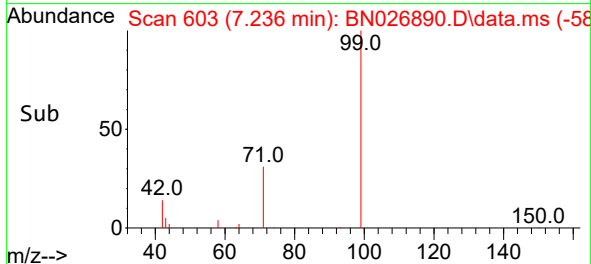


#5
Phenol-d6
Concen: 0.312 ng
RT: 7.236 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

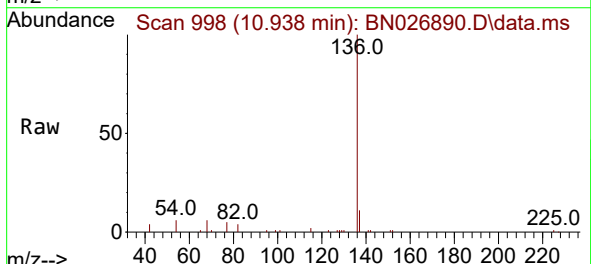
Instrument :
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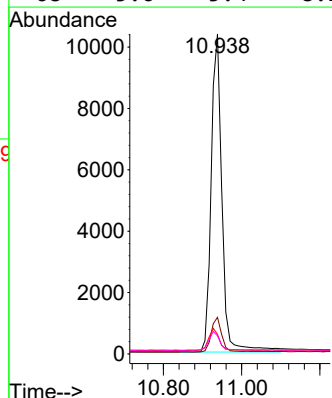
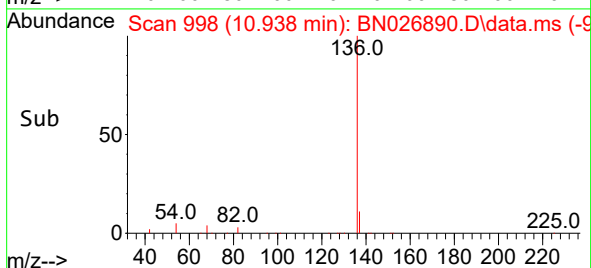
Tgt Ion: 99 Resp: 8740
Ion Ratio Lower Upper
99 100
42 15.7 13.6 20.4
71 32.0 26.0 39.0

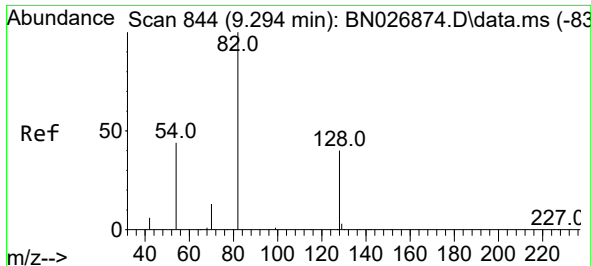


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26



Tgt Ion: 136 Resp: 19961
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 6.1 5.5 8.3
68 5.6 5.4 8.2

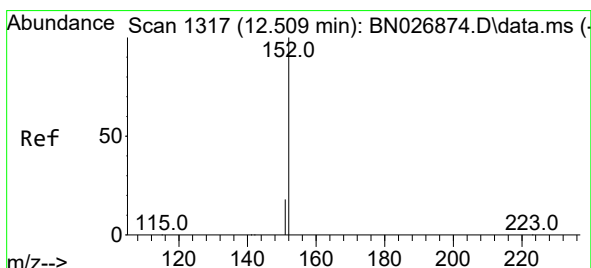
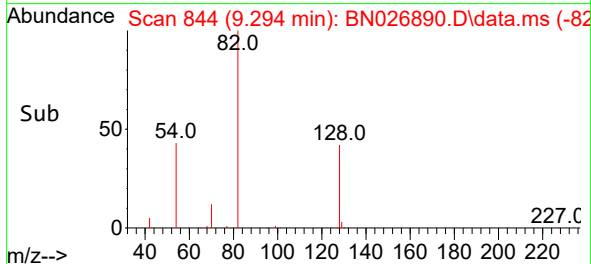
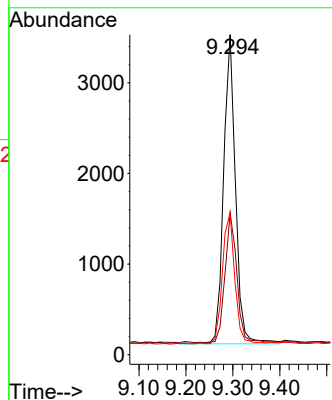
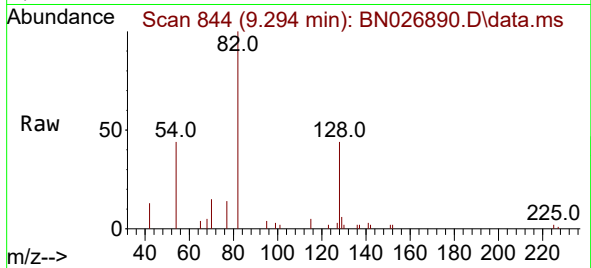




#8
 Nitrobenzene-d5
 Concen: 0.355 ng
 RT: 9.294 min Scan# 844
 Delta R.T. 0.000 min
 Lab File: BN026890.D
 Acq: 11 Aug 2023 08:26

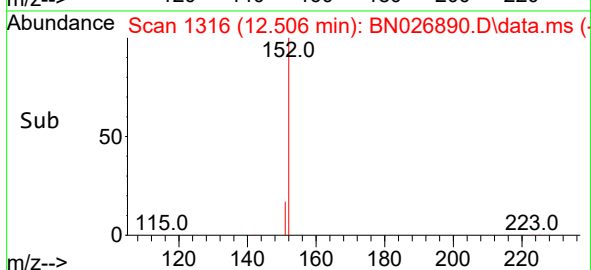
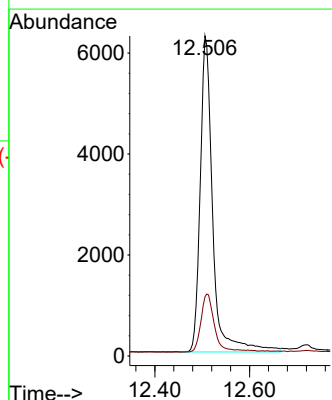
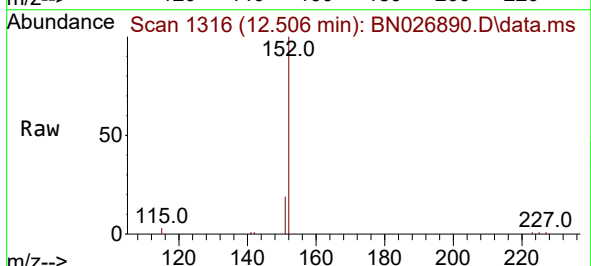
Instrument :
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 ClientSampleId :
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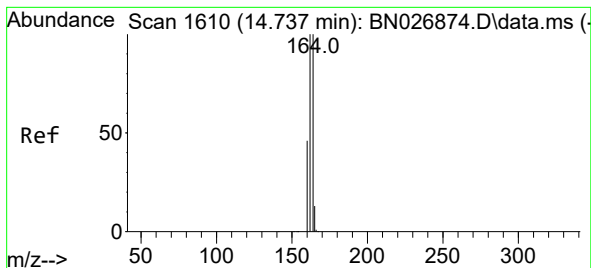
Tgt Ion: 82 Resp: 5988
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.1 51.1
 54 44.4 37.0 55.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.361 ng
 RT: 12.506 min Scan# 1316
 Delta R.T. -0.004 min
 Lab File: BN026890.D
 Acq: 11 Aug 2023 08:26

Tgt Ion: 152 Resp: 11462
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.737 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BN026890.D

Acq: 11 Aug 2023 08:26

Instrument :

BNA_N

ClientSampleId :

PB154594BL

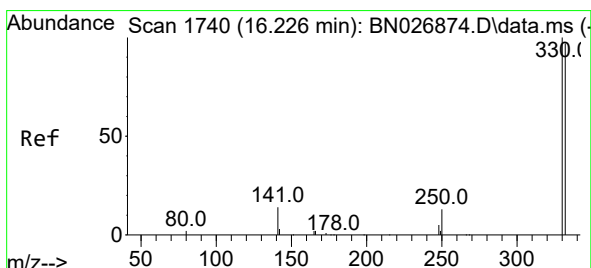
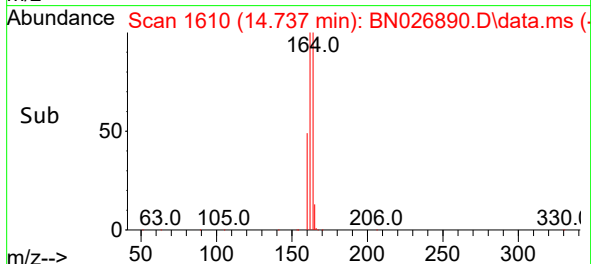
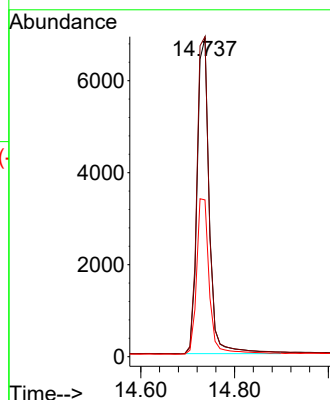
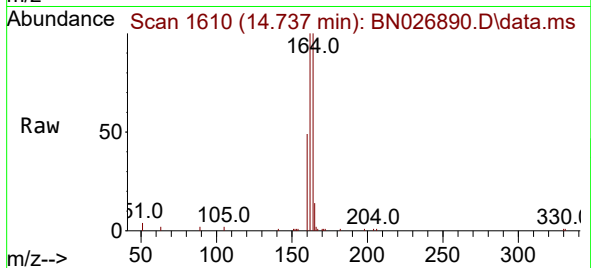
Tgt Ion:164 Resp: 12380

Ion Ratio Lower Upper

164 100

162 100.4 79.7 119.5

160 49.2 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.154 ng

RT: 16.226 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BN026890.D

Acq: 11 Aug 2023 08:26

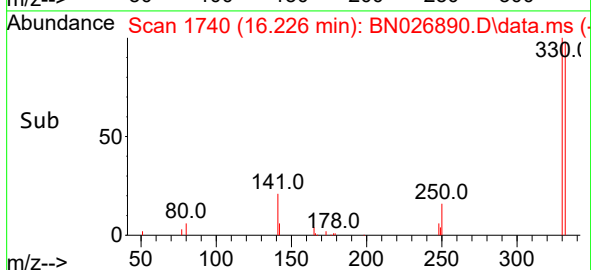
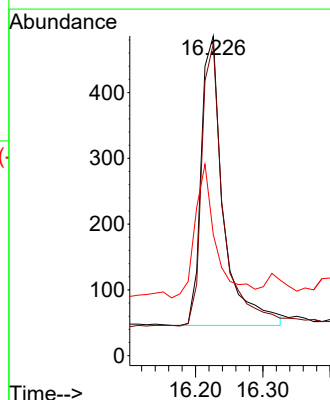
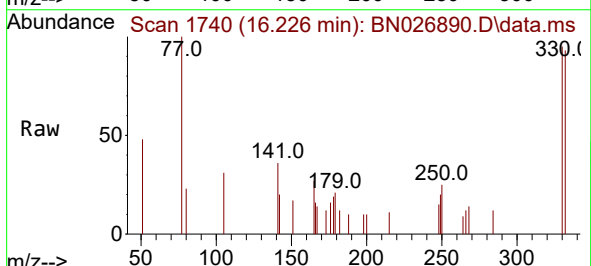
Tgt Ion:330 Resp: 1013

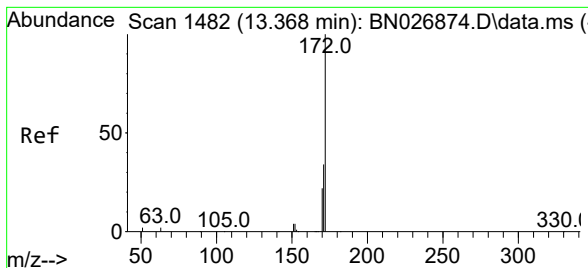
Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

141 43.5 32.3 48.5

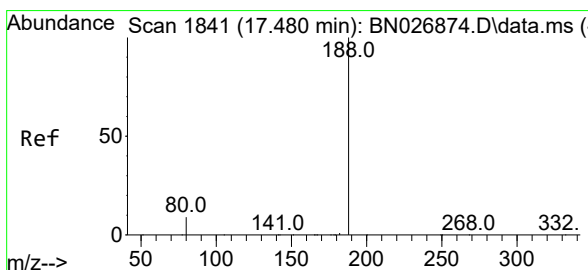
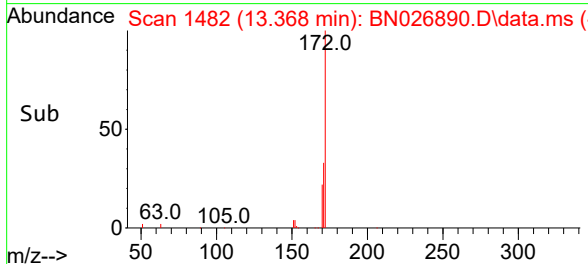
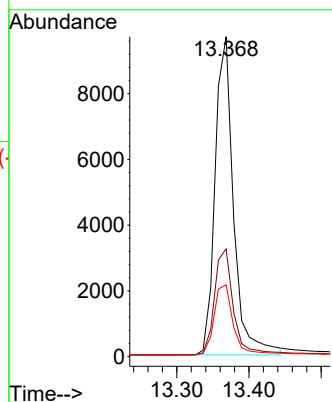
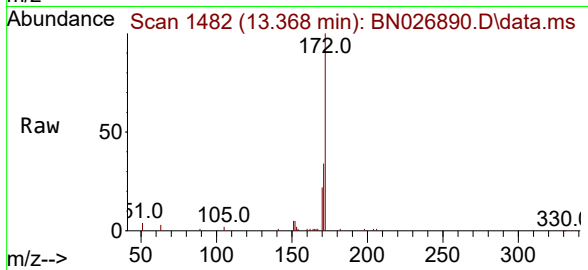




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.368 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

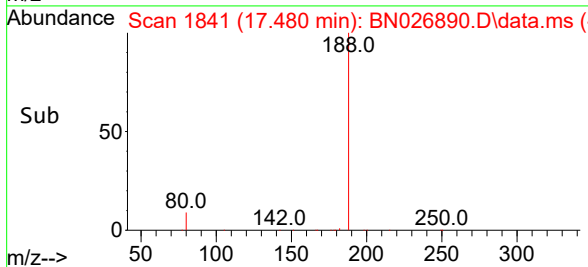
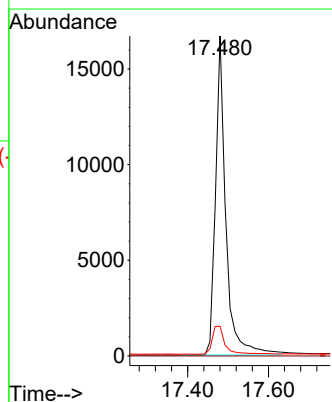
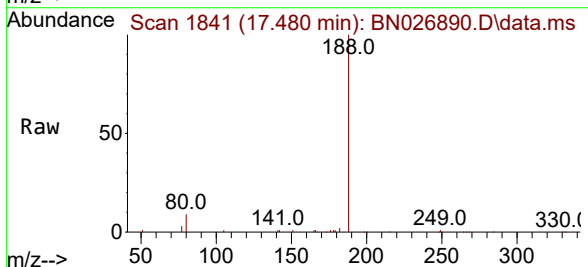
Instrument :
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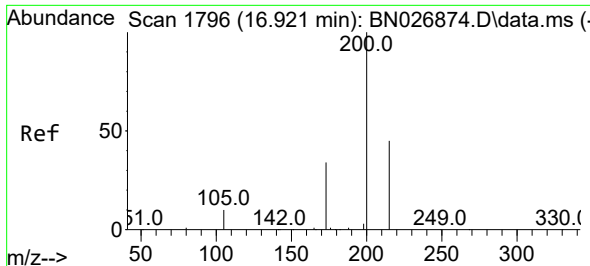
Tgt Ion:172 Resp: 17203
Ion Ratio Lower Upper
172 100
171 33.7 27.4 41.0
170 22.5 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Tgt Ion:188 Resp: 29605
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2

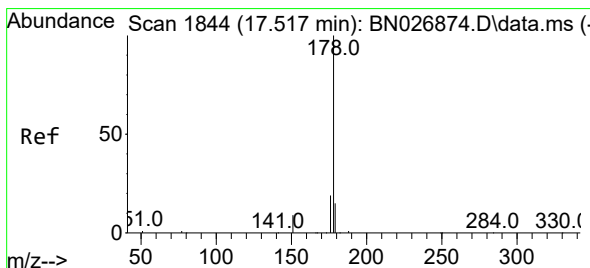
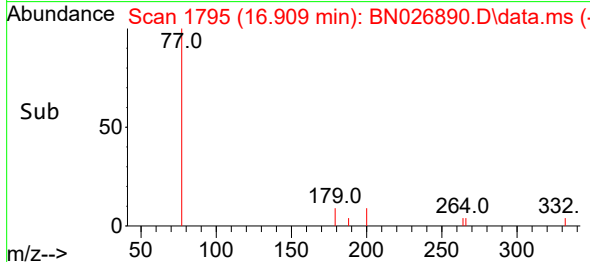
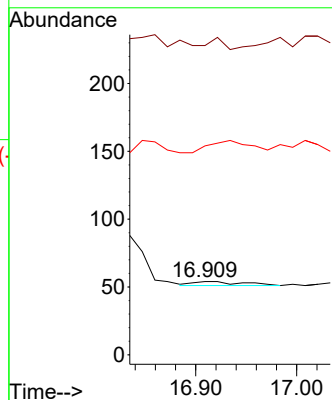
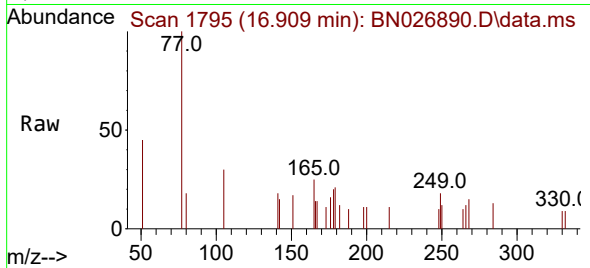




#20
4,6-Dinitro-2-methylphenol
Concen: 0.022 ng
RT: 16.909 min Scan# 1795
Delta R.T. -0.012 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

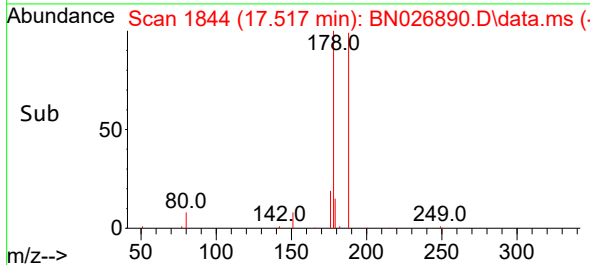
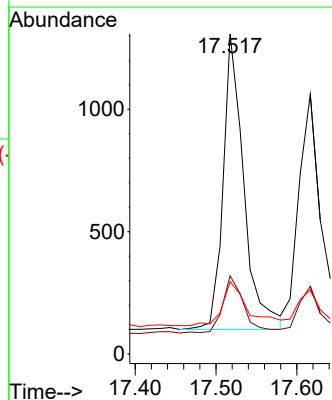
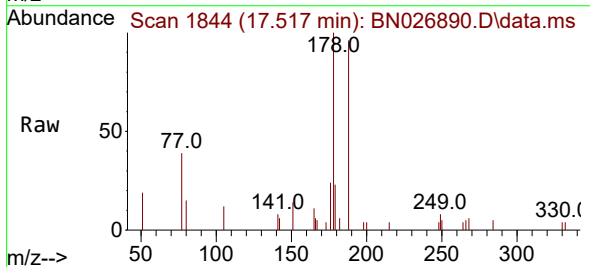
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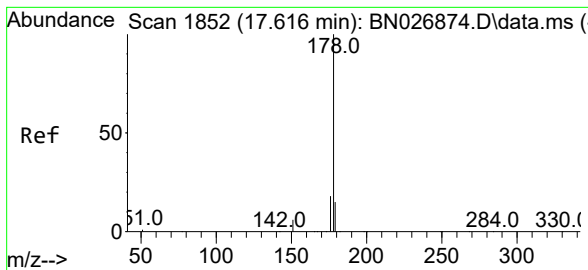
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 422.2 143.8 215.8#
105 285.2 273.5 410.3



#25
Phenanthrene
Concen: 0.025 ng
RT: 17.517 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Tgt Ion:178 Resp: 2158
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 17.9 12.2 18.4

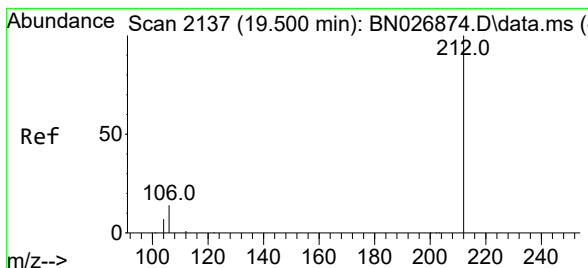
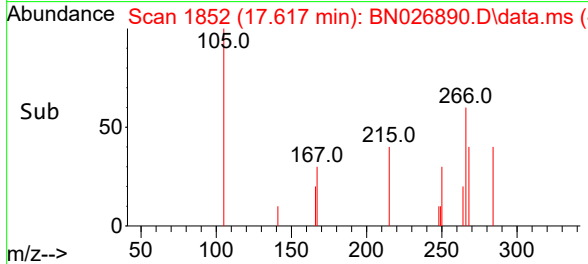
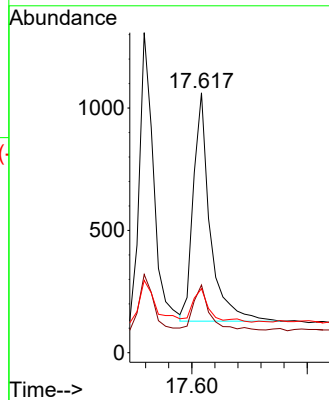
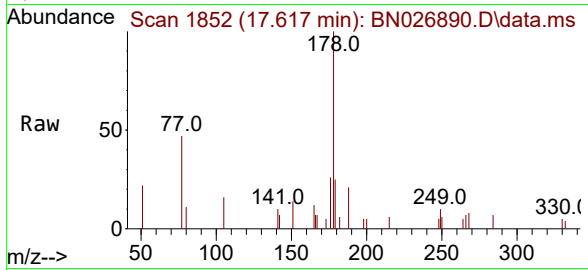




#26
 Anthracene
 Concen: 0.024 ng
 RT: 17.617 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BN026890.D
 Acq: 11 Aug 2023 08:26

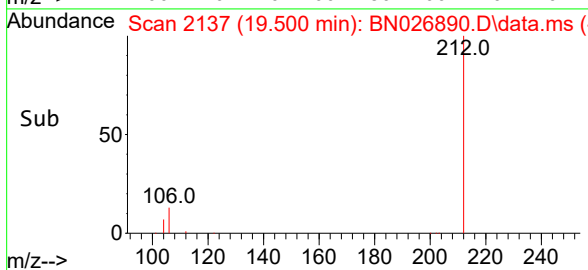
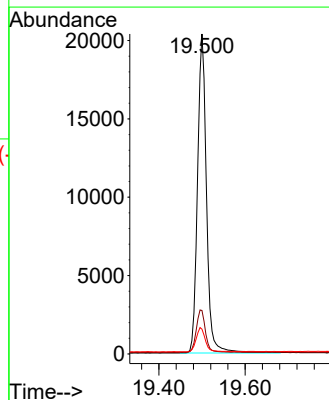
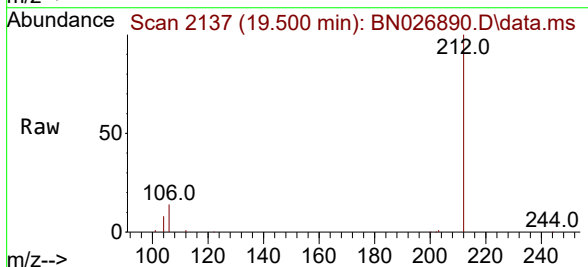
Instrument :
 BNA_N
 ClientSampleId :
 PB154594BL

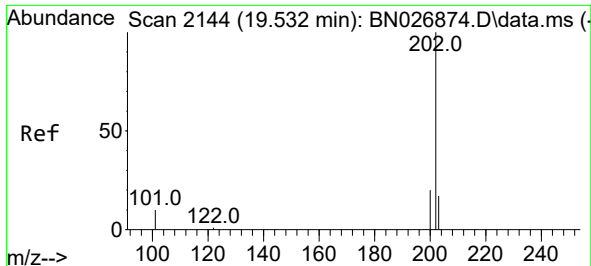
Tgt Ion:	178	Resp:	1879
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.8	22.2
179	14.4	12.1	18.1



#27
 Fluoranthene-d10
 Concen: 0.388 ng
 RT: 19.500 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: BN026890.D
 Acq: 11 Aug 2023 08:26

Tgt Ion:	212	Resp:	29470
Ion Ratio	Lower	Upper	
212	100		
106	13.6	10.9	16.3
104	7.6	5.9	8.9

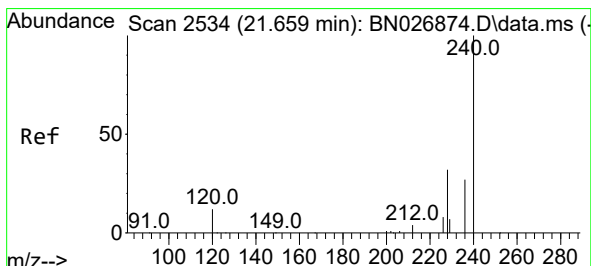
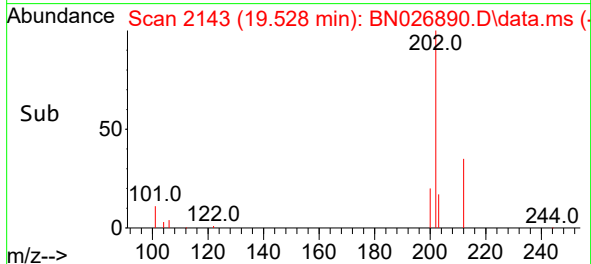
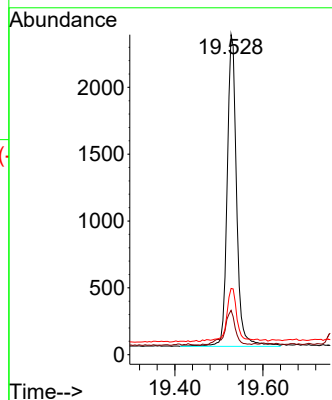
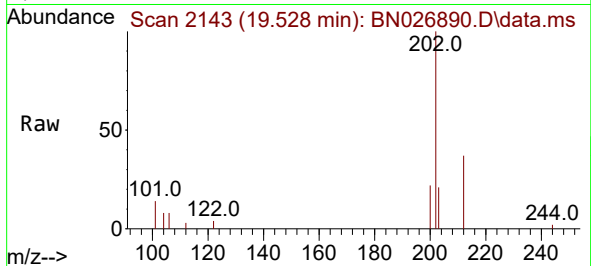




#28
Fluoranthene
Concen: 0.034 ng
RT: 19.528 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

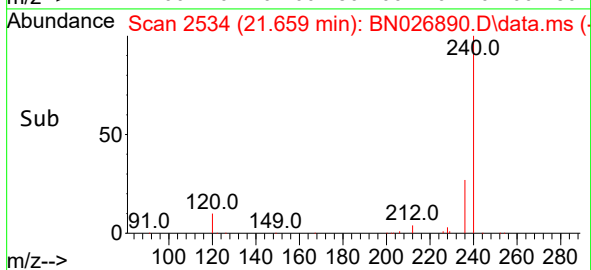
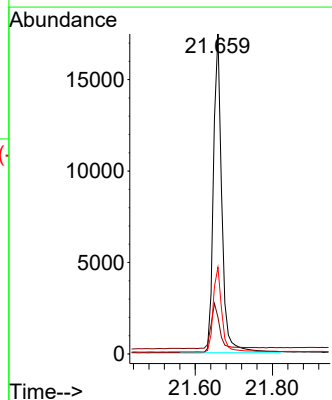
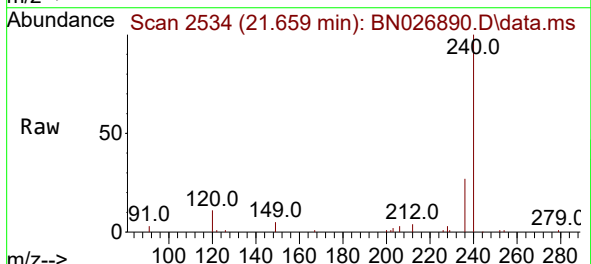
Instrument :
BNA_N
ClientSampleId :
PB154594BL

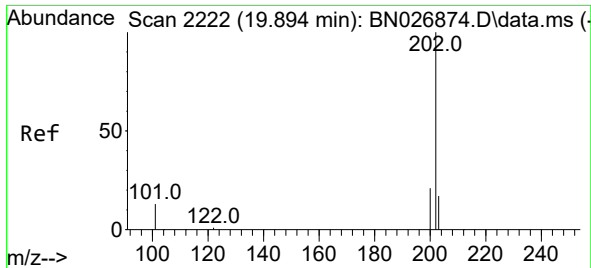
Tgt Ion:202 Resp: 3459
Ion Ratio Lower Upper
202 100
101 13.2 8.9 13.3
203 17.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Tgt Ion:240 Resp: 26366
Ion Ratio Lower Upper
240 100
120 11.4 11.1 16.7
236 27.1 22.2 33.2

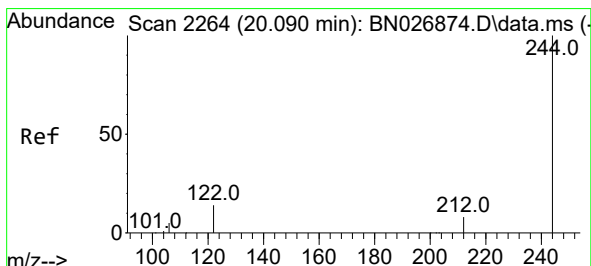
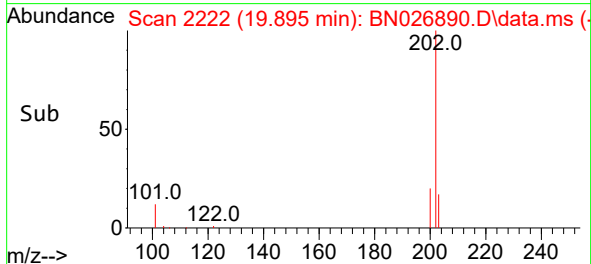
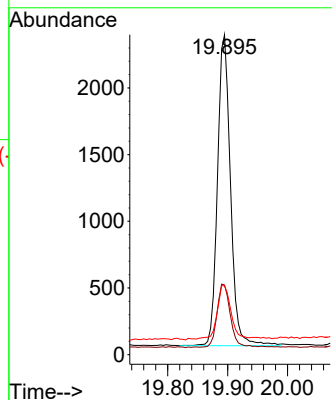
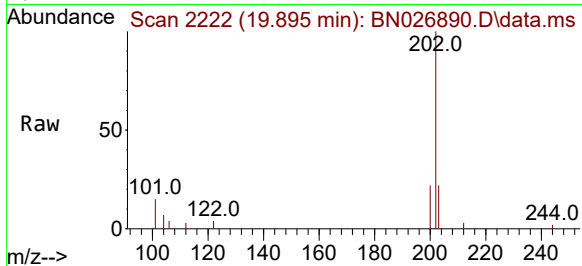




#30
Pyrene
Concen: 0.035 ng
RT: 19.895 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

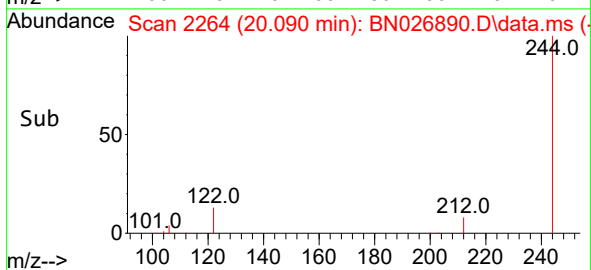
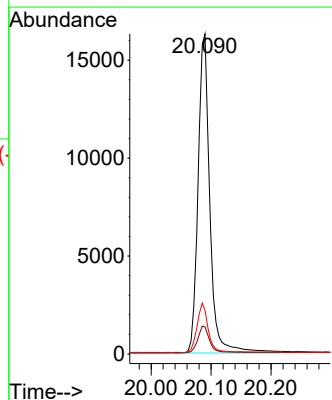
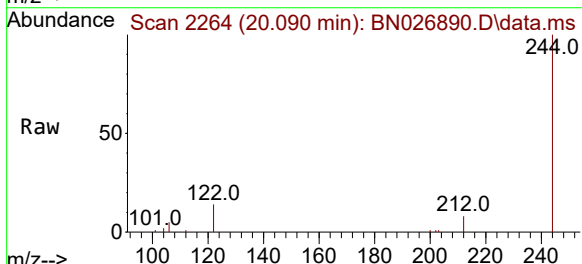
Instrument :
BNA_N
ClientSampleId :
PB154594BL

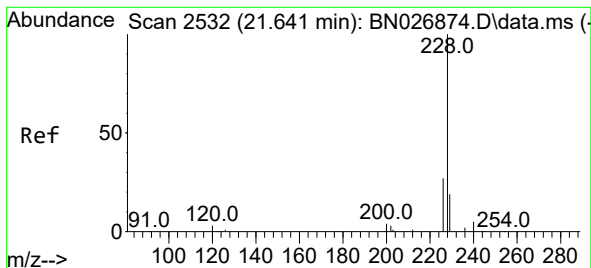
Tgt Ion:202 Resp: 3504
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.8 14.4 21.6



#31
Terphenyl-d14
Concen: 0.404 ng
RT: 20.090 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Tgt Ion:244 Resp: 22275
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 13.7 11.9 17.9





#32

Benzo(a)anthracene

Concen: 0.037 ng

RT: 21.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN026890.D

Acq: 11 Aug 2023 08:26

Instrument :

BNA_N

ClientSampleId :

PB154594BL

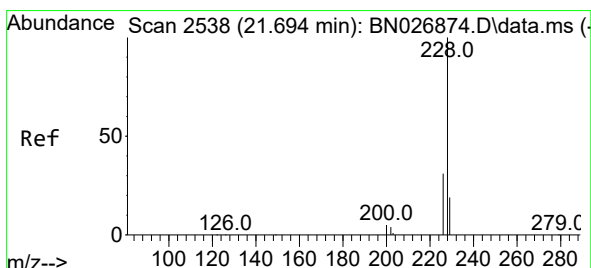
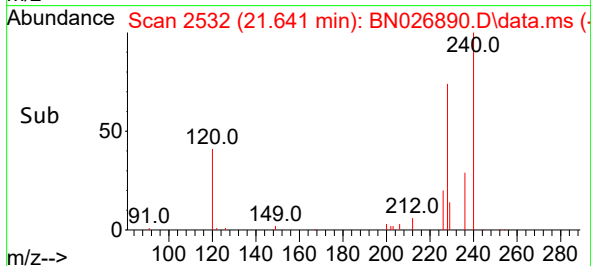
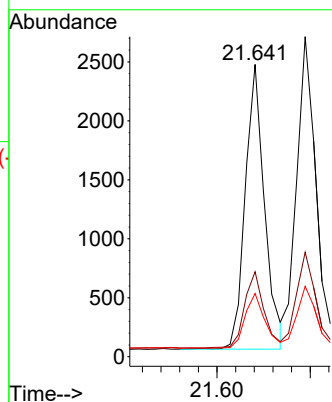
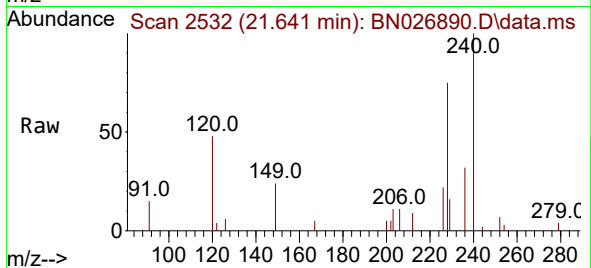
Tgt Ion:228 Resp: 3474

Ion Ratio Lower Upper

228 100

226 29.1 22.1 33.1

229 21.7 15.5 23.3



#33

Chrysene

Concen: 0.040 ng

RT: 21.695 min Scan# 2538

Delta R.T. 0.000 min

Lab File: BN026890.D

Acq: 11 Aug 2023 08:26

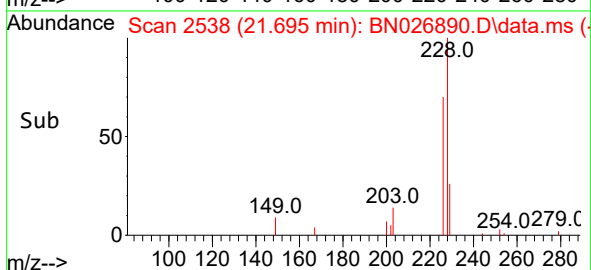
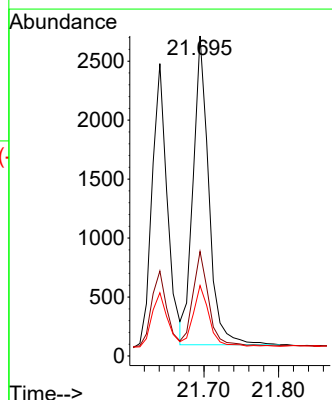
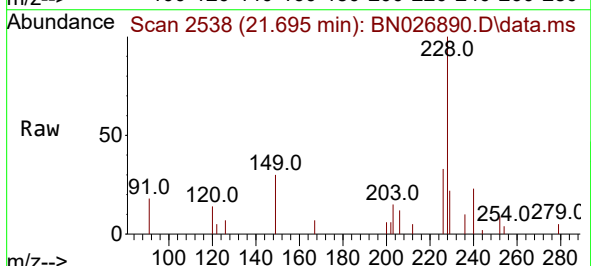
Tgt Ion:228 Resp: 3834

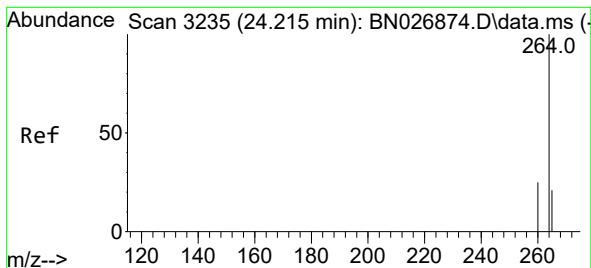
Ion Ratio Lower Upper

228 100

226 32.6 24.6 37.0

229 22.0 15.5 23.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.206 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN026890.D

Acq: 11 Aug 2023 08:26

Instrument :

BNA_N

ClientSampleId :

PB154594BL

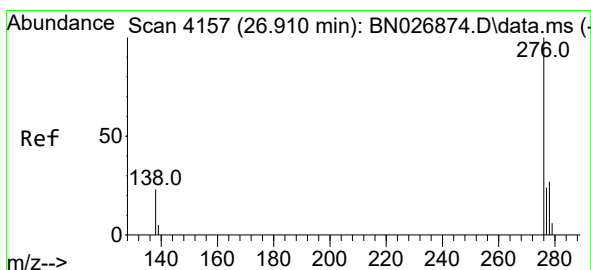
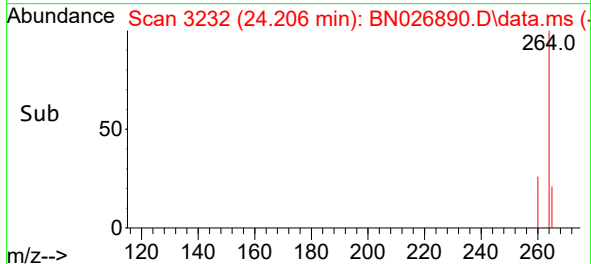
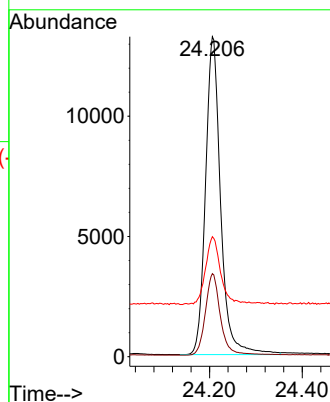
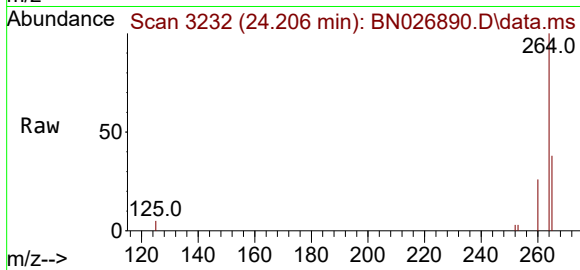
Tgt Ion:264 Resp: 29941

Ion Ratio Lower Upper

264 100

260 26.0 20.4 30.6

265 37.5 27.0 40.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng

RT: 26.908 min Scan# 4156

Delta R.T. -0.003 min

Lab File: BN026890.D

Acq: 11 Aug 2023 08:26

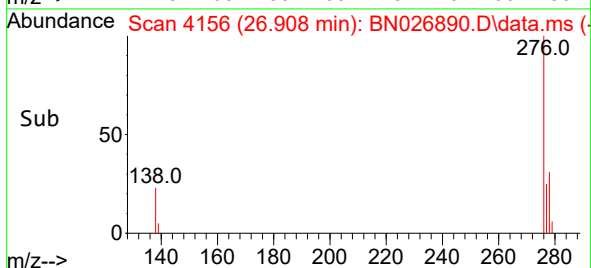
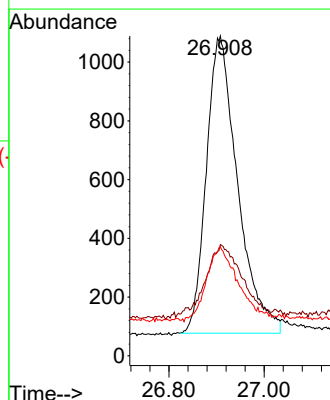
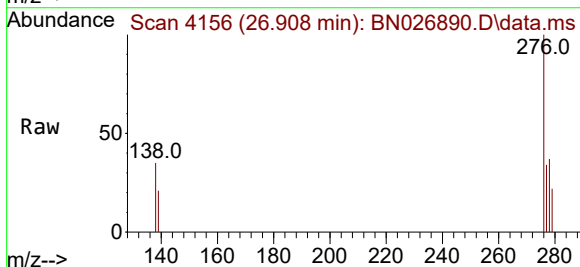
Tgt Ion:276 Resp: 4610

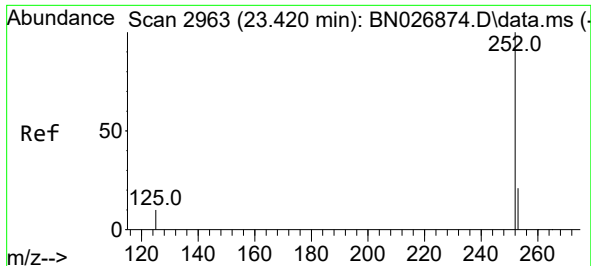
Ion Ratio Lower Upper

276 100

138 26.6 21.1 31.7

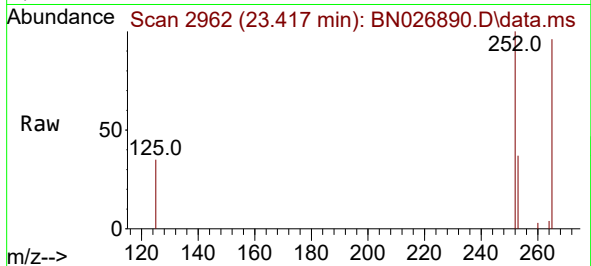
277 25.0 19.9 29.9



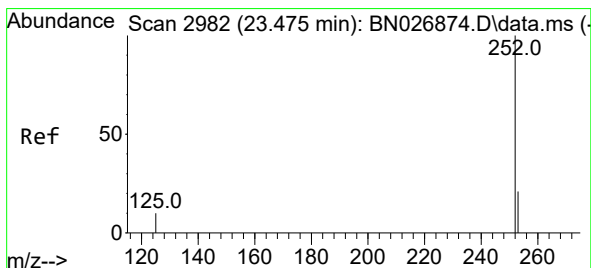
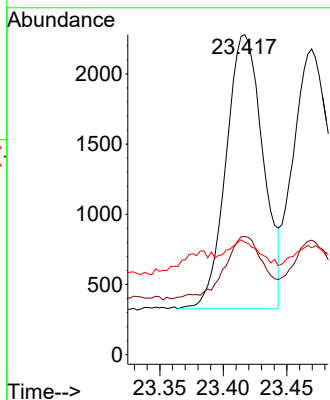


#37
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 23.417 min Scan# 2962
Delta R.T. -0.003 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Instrument :
BNA_N
ClientSampleId :
PB154594BL

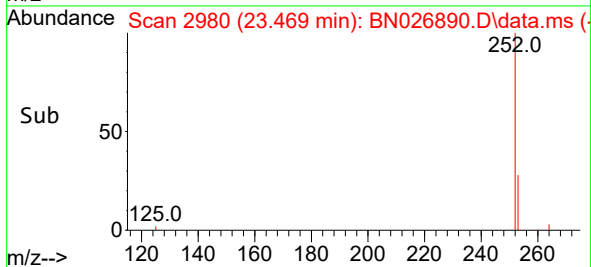
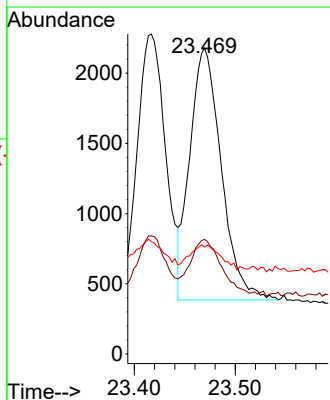
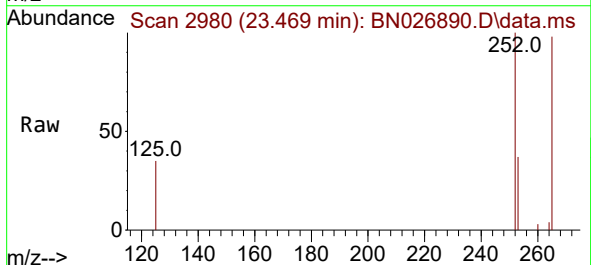


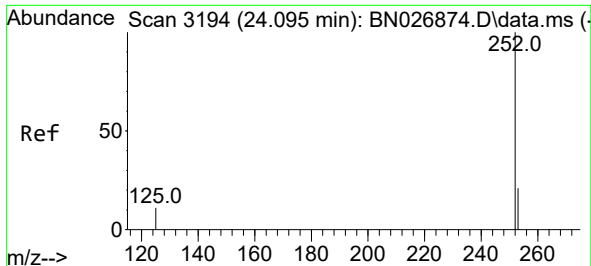
Tgt Ion:252 Resp: 3968
Ion Ratio Lower Upper
252 100
253 36.9 18.4 27.6#
125 35.1 10.2 15.2#



#38
Benzo(k)fluoranthene
Concen: 0.038 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

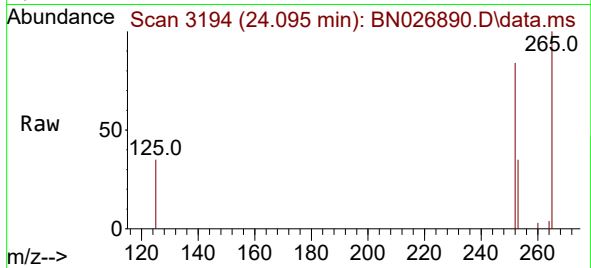
Tgt Ion:252 Resp: 3895
Ion Ratio Lower Upper
252 100
253 37.5 18.4 27.6#
125 34.9 10.2 15.2#



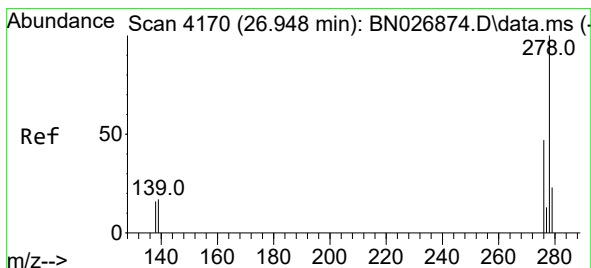
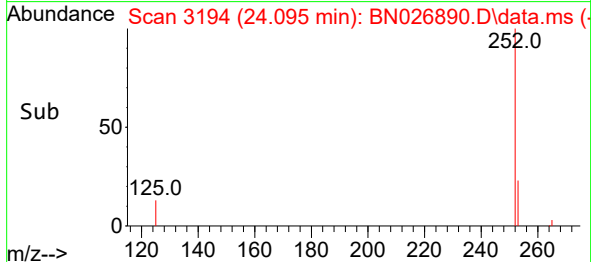
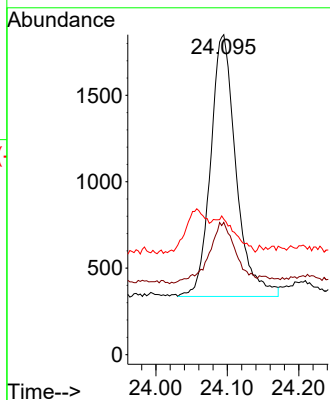


#39
Benzo(a)pyrene
Concen: 0.037 ng
RT: 24.095 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Instrument :
BNA_N
ClientSampleId :
PB154594BL

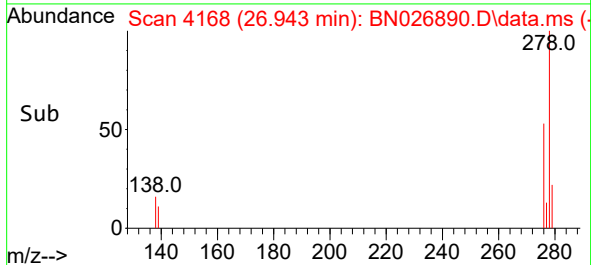
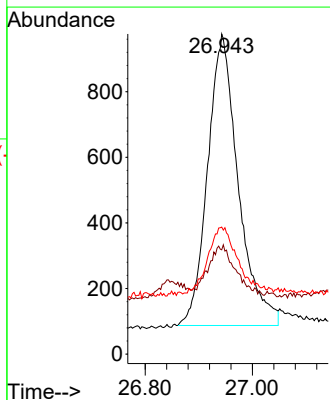
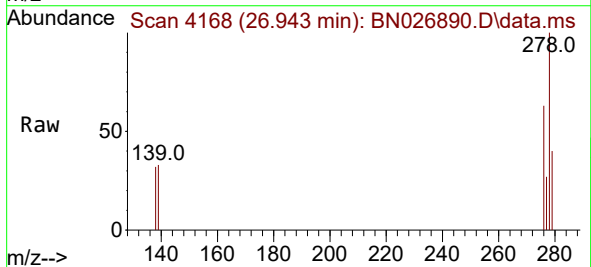


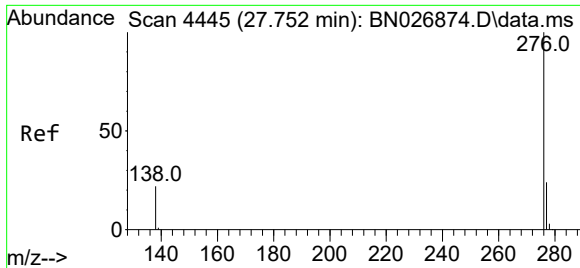
Tgt Ion:252 Resp: 3733
Ion Ratio Lower Upper
252 100
253 41.3 18.6 28.0#
125 42.4 11.7 17.5#



#40
Dibenzo(a,h)anthracene
Concen: 0.036 ng
RT: 26.943 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

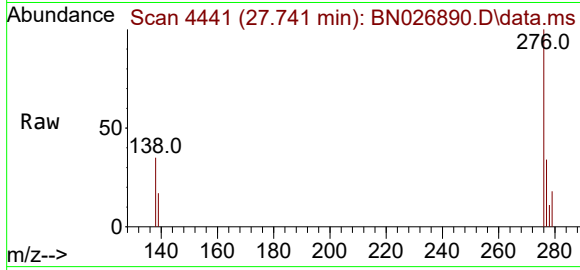
Tgt Ion:278 Resp: 3525
Ion Ratio Lower Upper
278 100
139 32.6 15.3 22.9#
279 39.7 19.9 29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.039 ng
RT: 27.741 min Scan# 44
Delta R.T. -0.011 min
Lab File: BN026890.D
Acq: 11 Aug 2023 08:26

Instrument :
BNA_N
ClientSampleId :
PB154594BL



Tgt Ion:276 Resp: 4059
Ion Ratio Lower Upper
276 100
277 34.0 19.8 29.8#
138 35.0 19.0 28.4#

