

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021426.D
 Acq On : 29 Aug 2022 17:32
 Operator : CG/JU
 Sample : PB147117BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

Quant Time: Aug 30 01:15:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

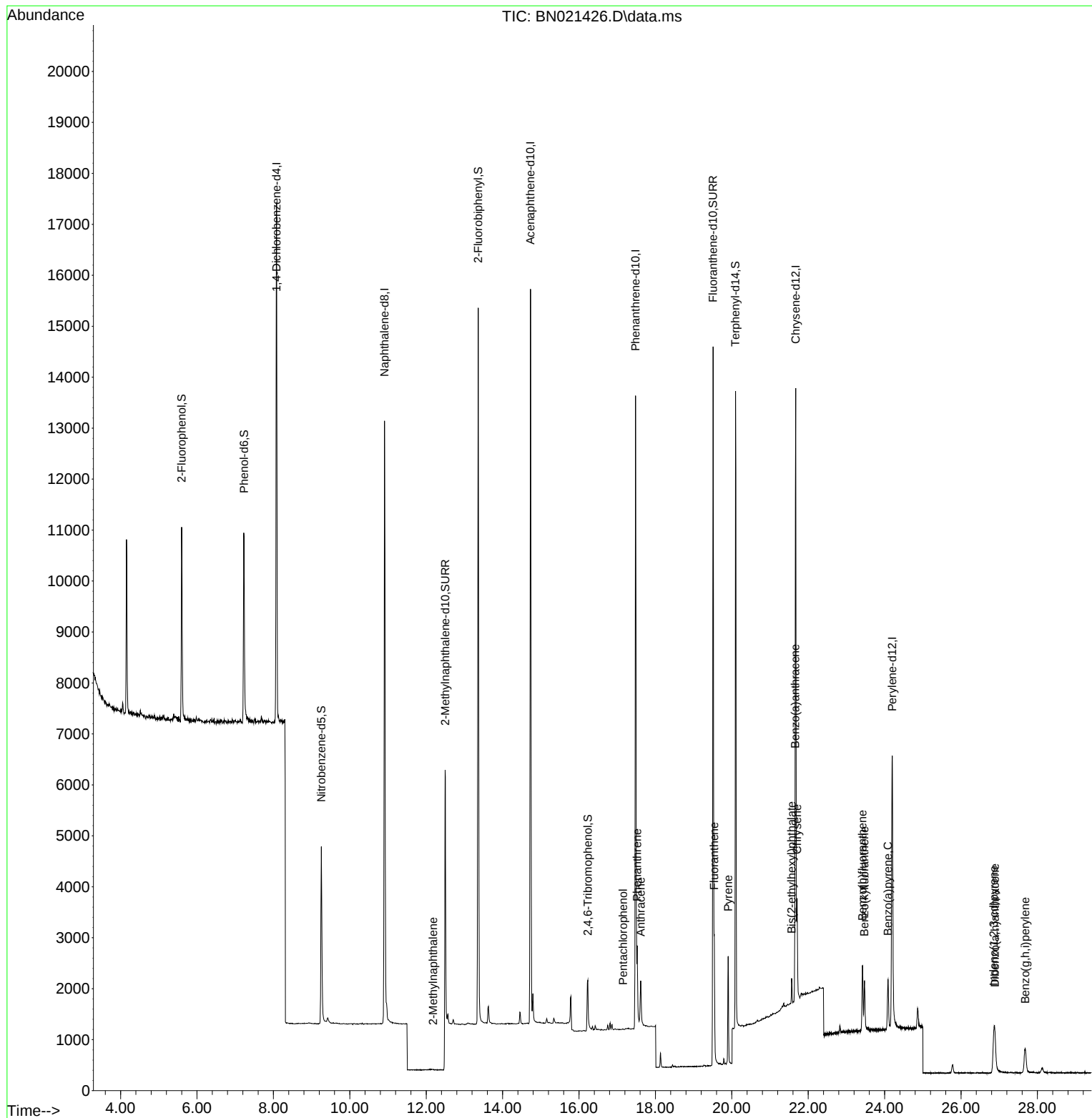
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	5298	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16352	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8516	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	17707	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11343	0.400	ng	0.00
35) Perylene-d12	24.197	264	8712	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3331	0.321	ng	0.00
5) Phenol-d6	7.231	99	4267	0.323	ng	0.00
8) Nitrobenzene-d5	9.254	82	3315	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	10976	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	729	0.261	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	12638	0.339	ng	0.00
27) Fluoranthene-d10	19.510	212	15731	0.346	ng	0.00
31) Terphenyl-d14	20.097	244	11746	0.461	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.183	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	12	0.205	ng	# 30
25) Phenanthrene	17.521	178	1438	0.024	ng	95
26) Anthracene	17.613	178	1033	0.021	ng	99
28) Fluoranthene	19.539	202	2005	0.032	ng	98
30) Pyrene	19.906	202	2287	0.038	ng	99
32) Benzo(a)anthracene	21.655	228	1291	0.033	ng	93
33) Chrysene	21.709	228	1627	0.035	ng	95
34) Bis(2-ethylhexyl)phtha...	21.565	149	503	0.032	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.857	276	1451	0.037	ng	# 82
37) Benzo(b)fluoranthene	23.422	252	1612	0.038	ng	# 53
38) Benzo(k)fluoranthene	23.469	252	1340	0.031	ng	# 64
39) Benzo(a)pyrene	24.085	252	1082	0.036	ng	# 1
40) Dibenzo(a,h)anthracene	26.889	278	1102	0.035	ng	# 70
41) Benzo(g,h,i)perylene	27.679	276	1215	0.035	ng	# 79

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

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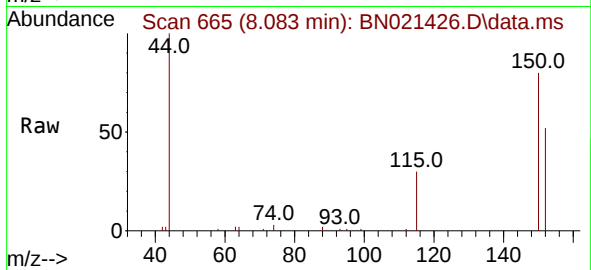
Quant Time: Aug 30 01:15:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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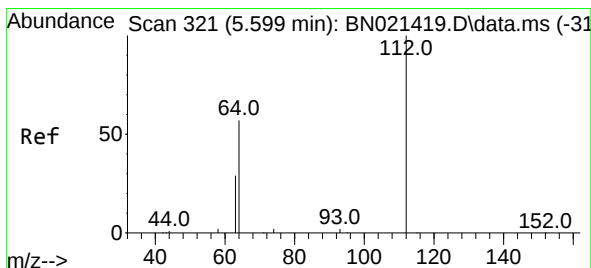
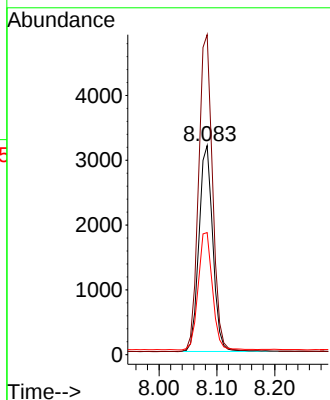
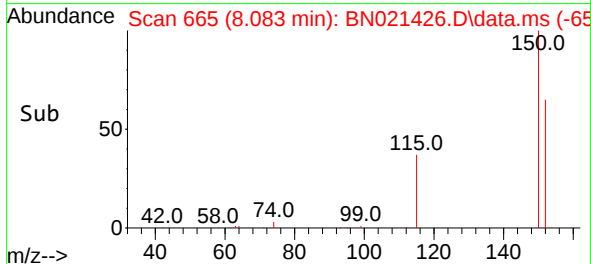


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 665
Delta R.T. 0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Instrument :
BNA_N
ClientSampleId :
PB147117BL

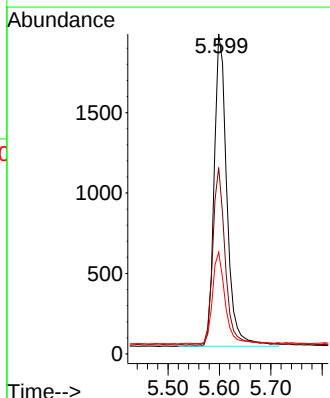
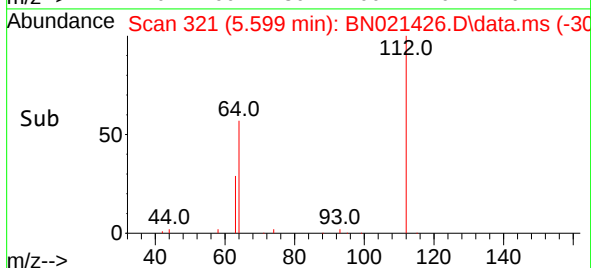
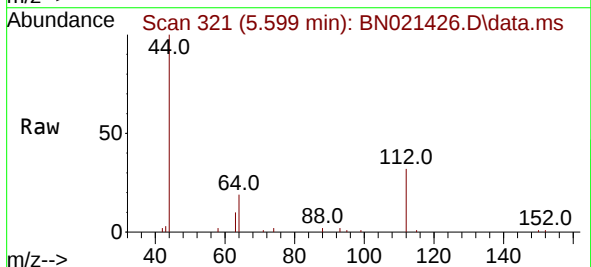


Tgt Ion:152 Resp: 5298
Ion Ratio Lower Upper
152 100
150 153.0 121.4 182.0
115 58.3 48.6 72.8



#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.599 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion:112 Resp: 3331
Ion Ratio Lower Upper
112 100
64 56.2 43.5 65.3
63 28.9 22.6 34.0

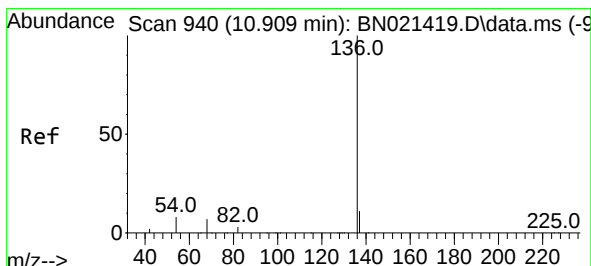
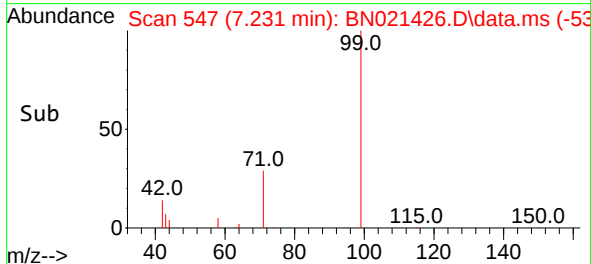
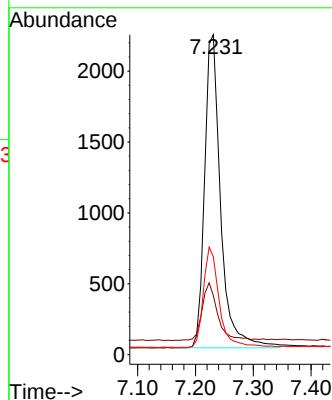
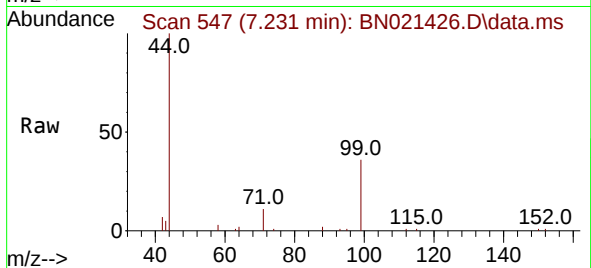




#5
Phenol-d6
Concen: 0.323 ng
RT: 7.231 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

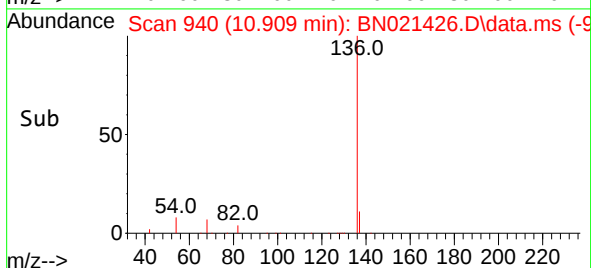
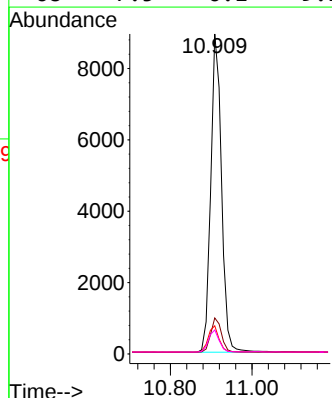
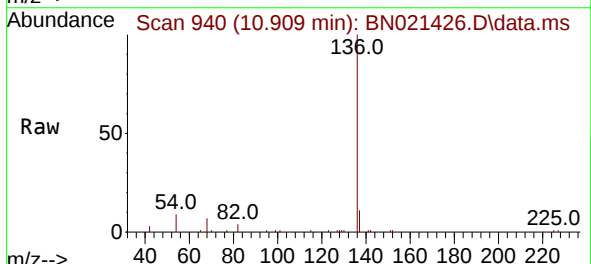
Instrument :
BNA_N
ClientSampleId :
PB147117BL

Tgt Ion: 99 Resp: 4267
Ion Ratio Lower Upper
99 100
42 17.9 15.5 23.3
71 31.7 24.2 36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion: 136 Resp: 16352
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 8.8 6.9 10.3
68 7.5 6.1 9.1

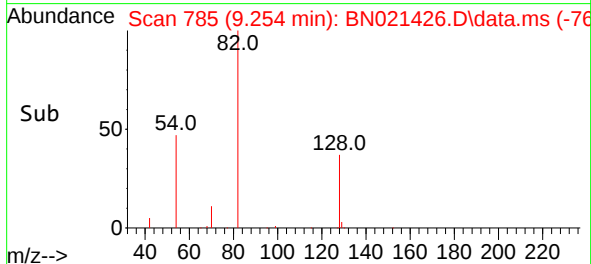
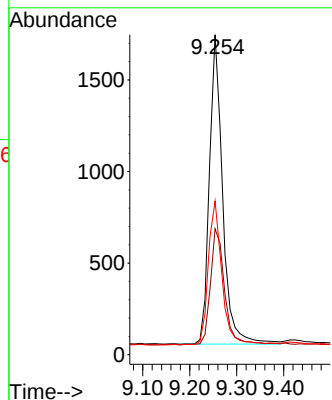
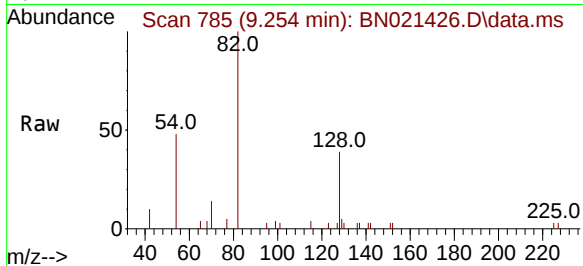




#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

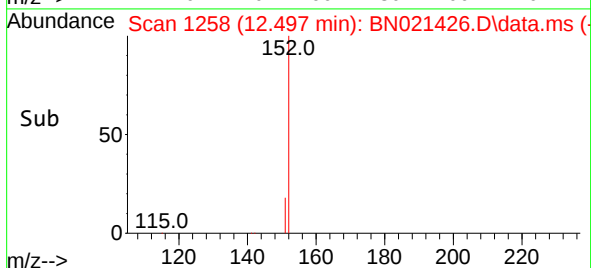
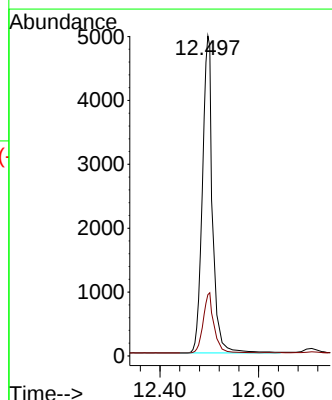
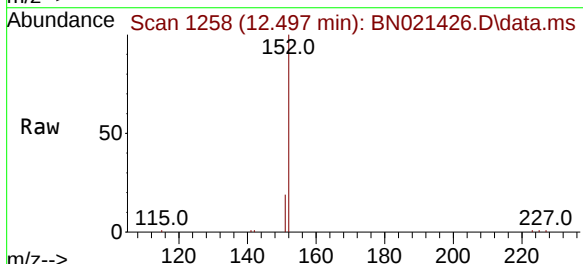
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ClientSampleId :
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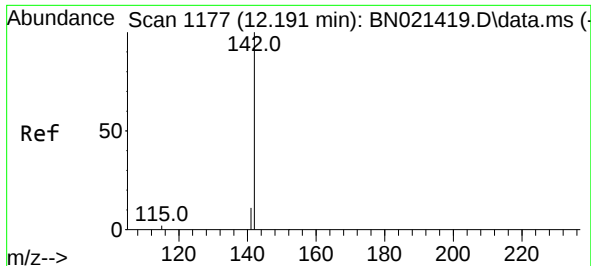
Tgt Ion: 82 Resp: 3315
Ion Ratio Lower Upper
82 100
128 39.4 30.9 46.3
54 48.0 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.497 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion: 152 Resp: 10976
Ion Ratio Lower Upper
152 100
151 18.9 14.5 21.7

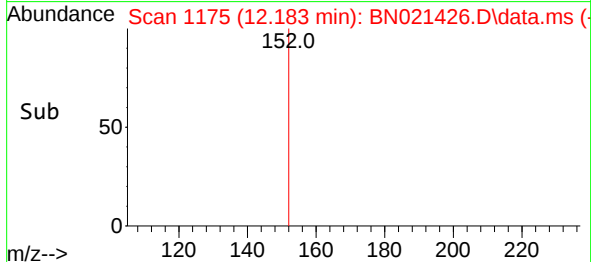
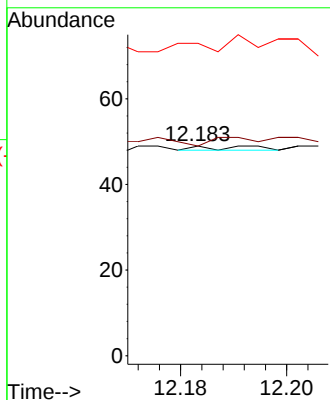
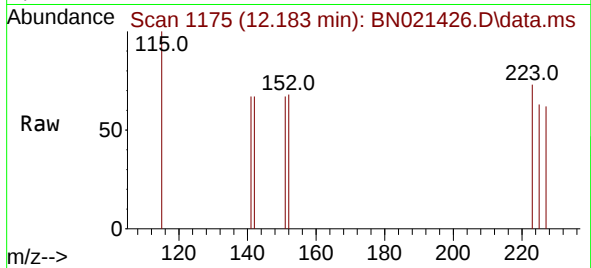




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.183 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

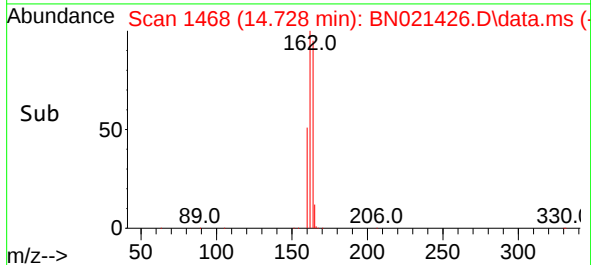
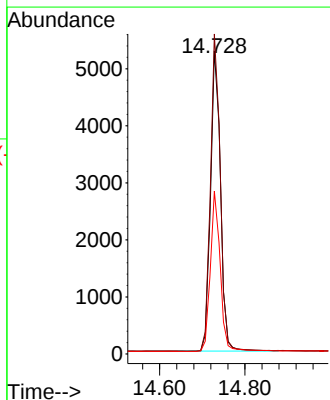
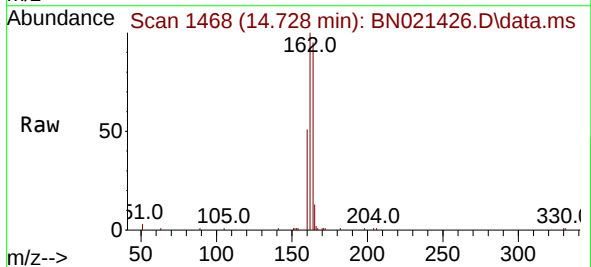
Instrument :
BNA_N
ClientSampleId :
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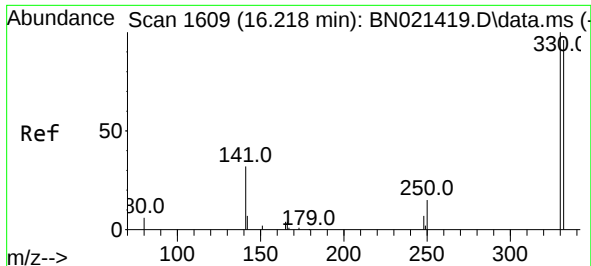
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 149.0 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

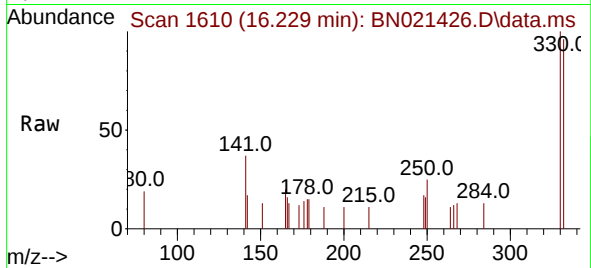
Tgt Ion:164 Resp: 8516
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.4
160 53.8 39.5 59.3



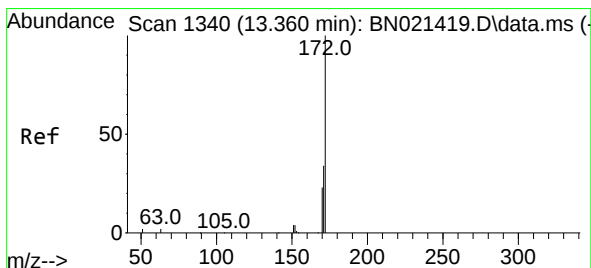
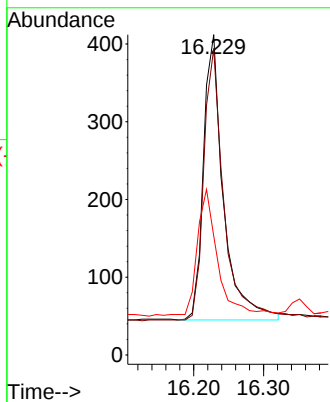
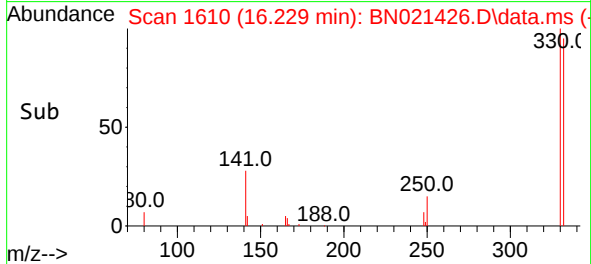


#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

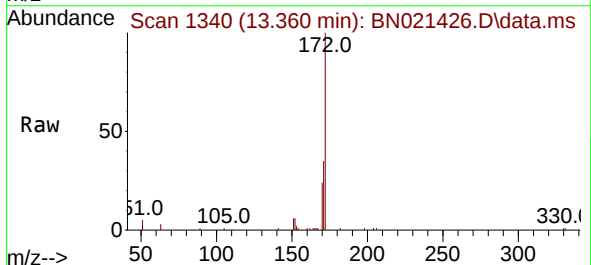
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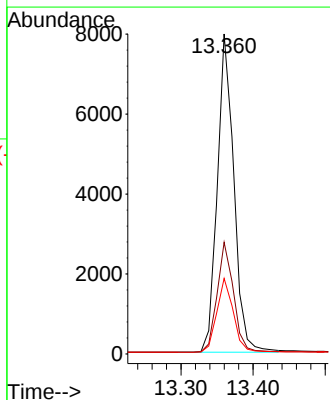
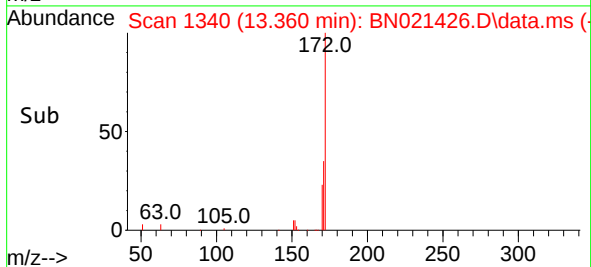
Tgt Ion:330 Resp: 729
Ion Ratio Lower Upper
330 100
332 96.6 79.3 118.9
141 46.5 37.1 55.7

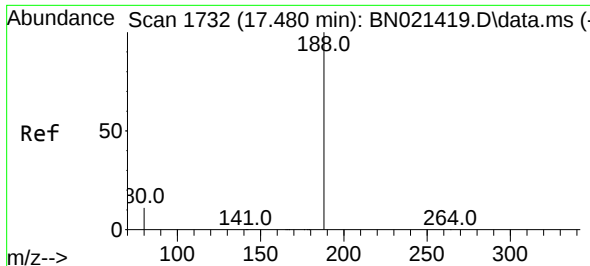


#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32



Tgt Ion:172 Resp: 12638
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.6 18.6 28.0

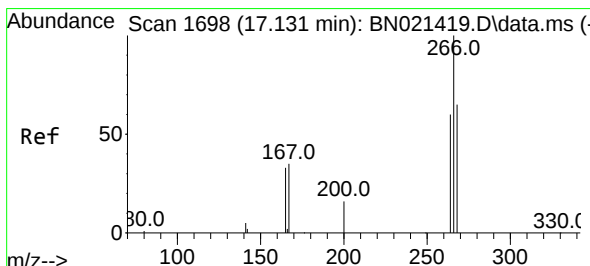
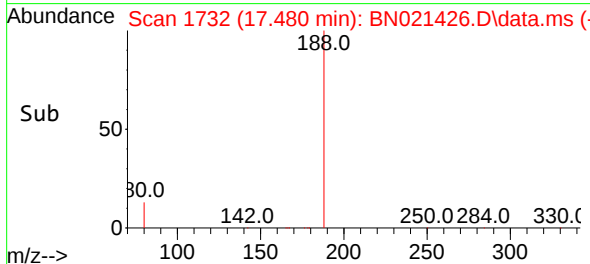
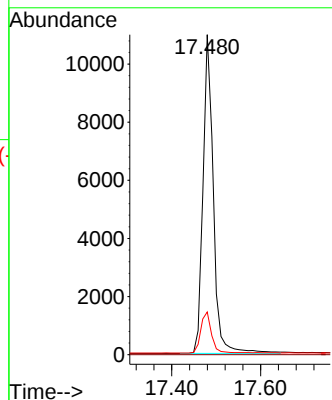
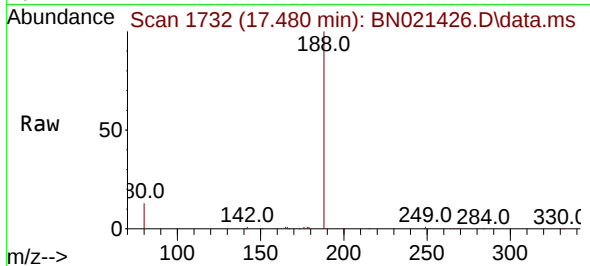




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

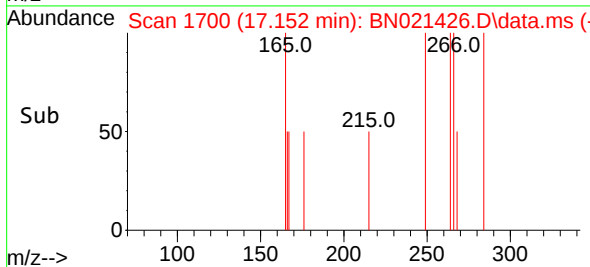
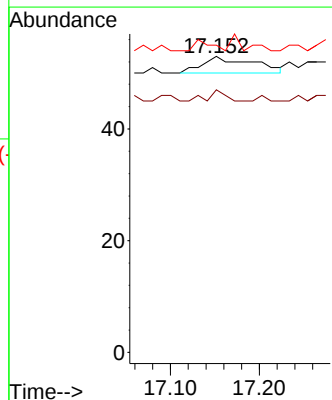
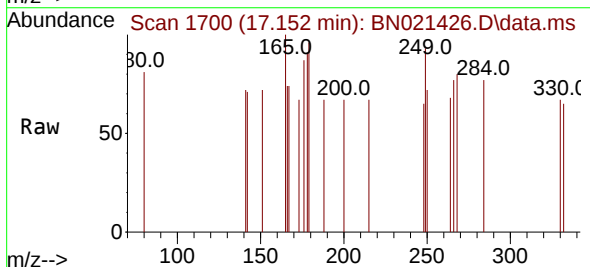
Instrument :
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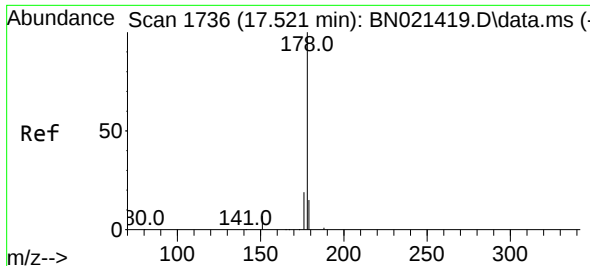
Tgt Ion:188 Resp: 17707
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.5 14.3



#24
Pentachlorophenol
Concen: 0.205 ng
RT: 17.152 min Scan# 1700
Delta R.T. 0.021 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 16.7 49.0 73.6#
268 0.0 50.9 76.3#

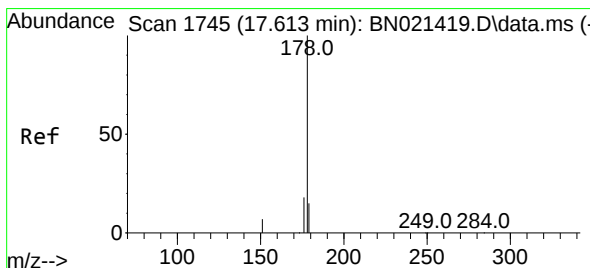
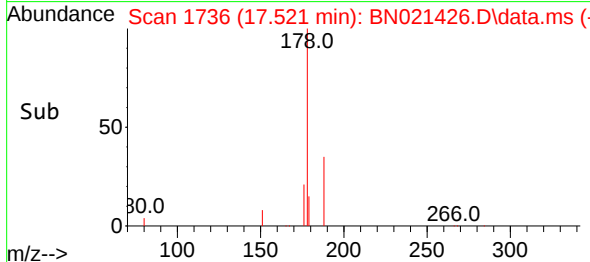
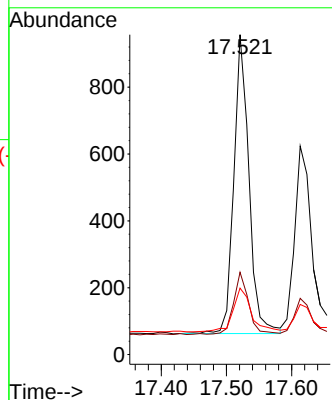
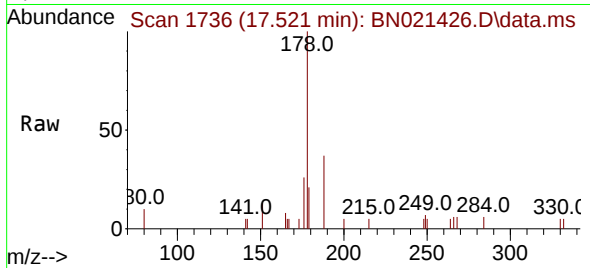




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.521 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

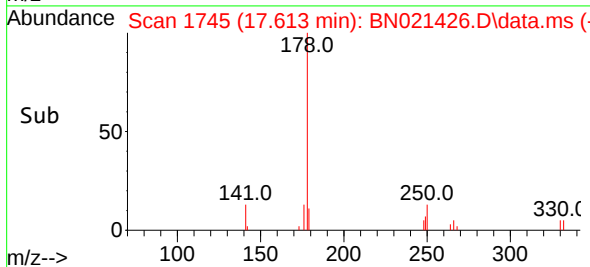
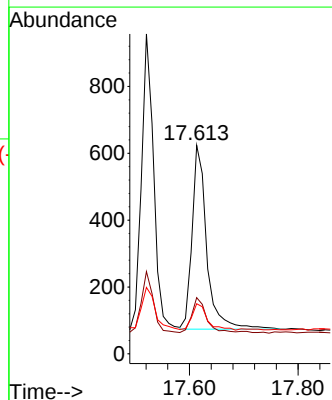
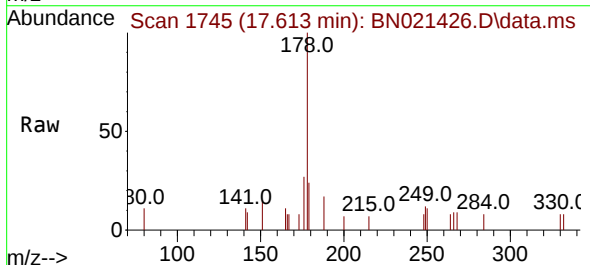
Instrument :
BNA_N
ClientSampleId :
PB147117BL

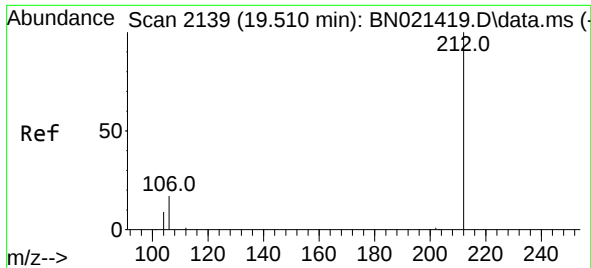
Tgt Ion:178 Resp: 1438
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.2
179 17.6 12.2 18.4



#26
Anthracene
Concen: 0.021 ng
RT: 17.613 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion:178 Resp: 1033
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 14.8 12.2 18.2

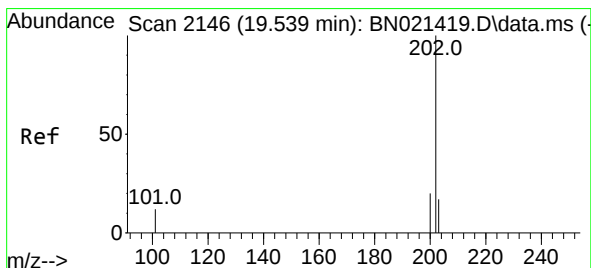
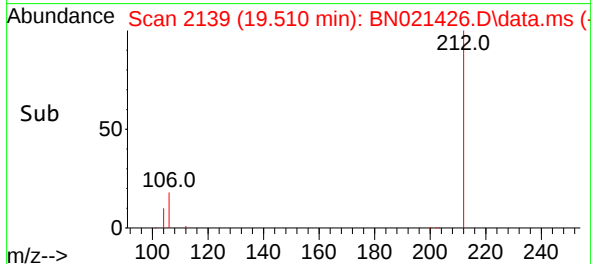
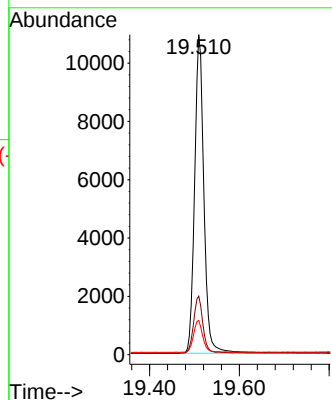
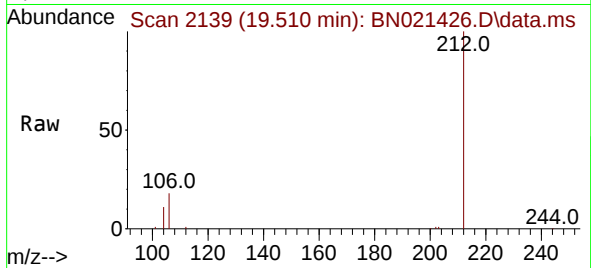




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.510 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

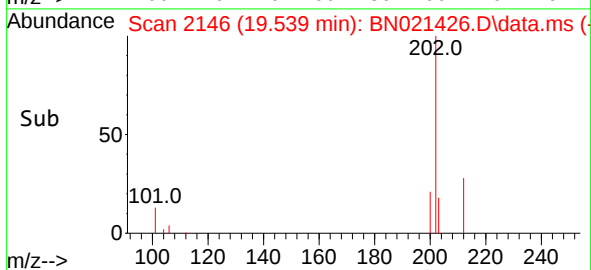
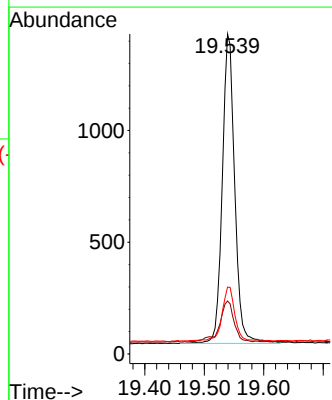
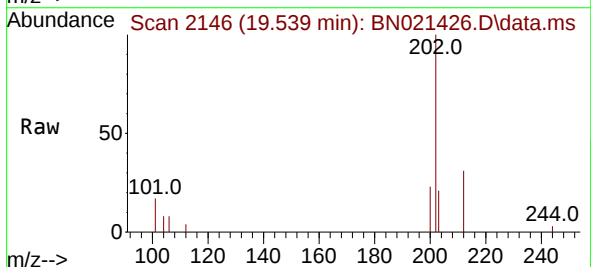
Instrument :
BNA_N
ClientSampleId :
PB147117BL

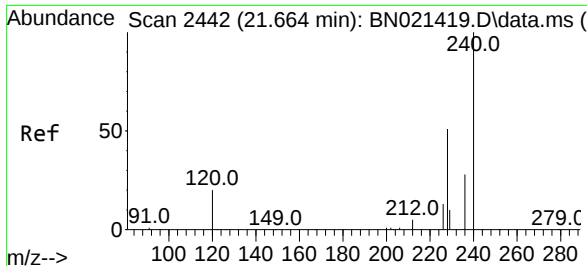
Tgt Ion:212 Resp: 15731
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 9.9 7.8 11.6



#28
Fluoranthene
Concen: 0.032 ng
RT: 19.539 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion:202 Resp: 2005
Ion Ratio Lower Upper
202 100
101 15.1 10.9 16.3
203 17.5 13.8 20.6

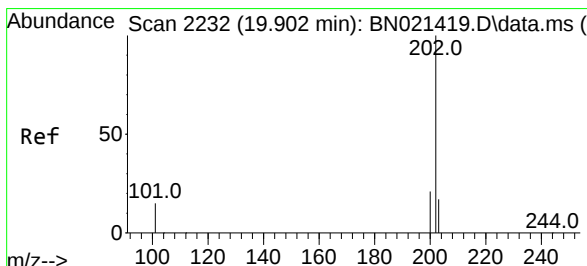
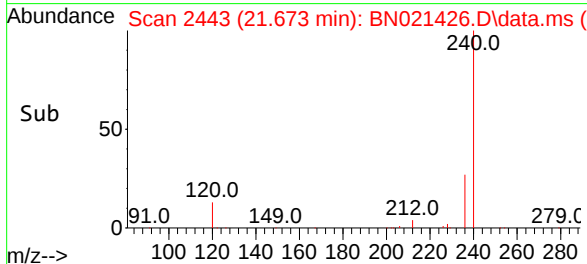
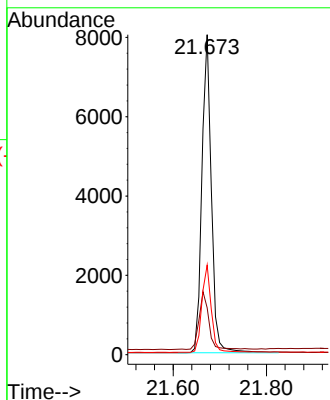
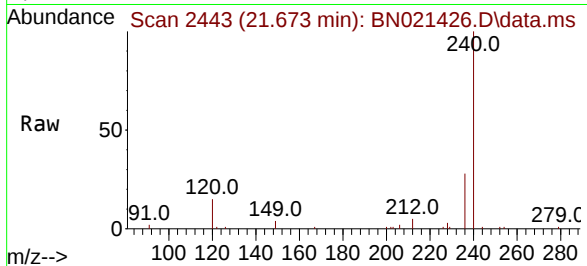




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

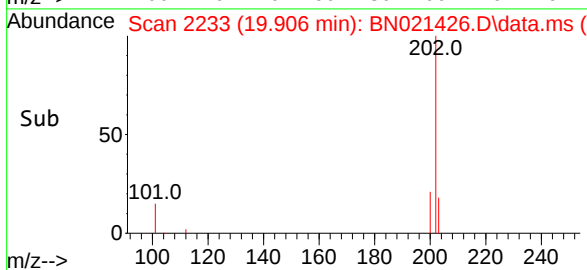
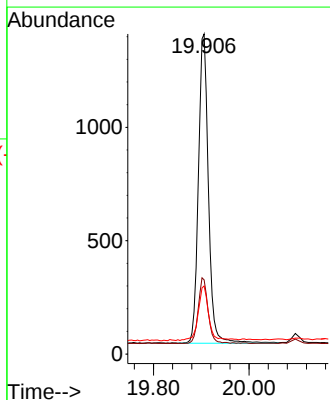
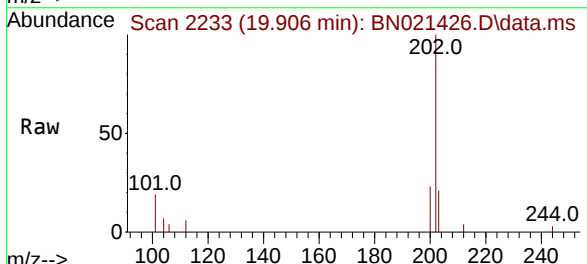
Instrument :
BNA_N
ClientSampleId :
PB147117BL

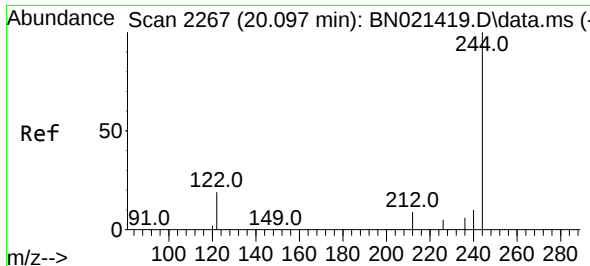
Tgt Ion:240 Resp: 11343
Ion Ratio Lower Upper
240 100
120 14.6 10.2 15.4
236 28.0 22.1 33.1



#30
Pyrene
Concen: 0.038 ng
RT: 19.906 min Scan# 2233
Delta R.T. 0.004 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion:202 Resp: 2287
Ion Ratio Lower Upper
202 100
200 17.8 13.9 20.9
203 15.7 11.9 17.9

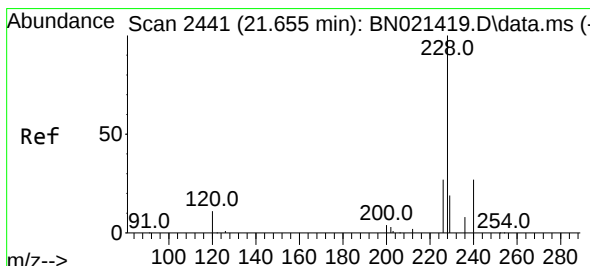
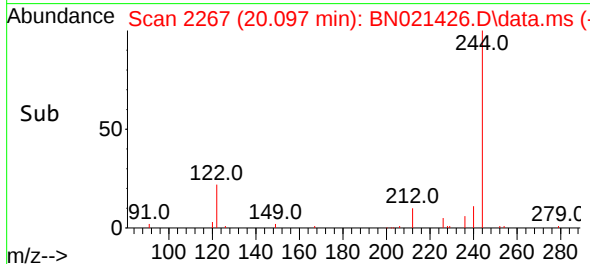
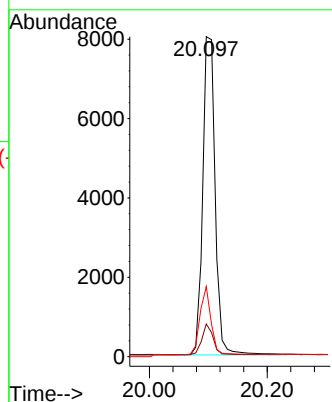
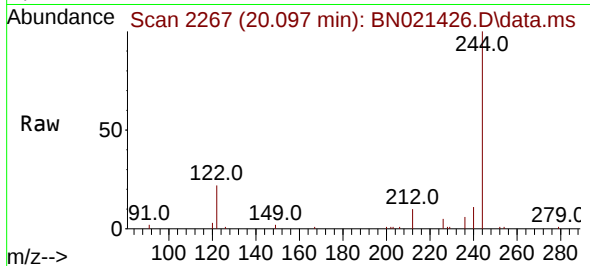




#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 20.097 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021426.D
 Acq: 29 Aug 2022 17:32

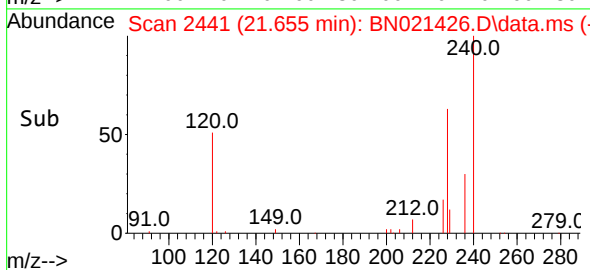
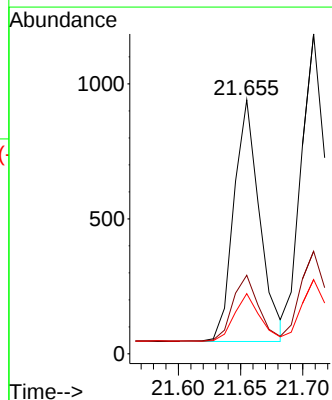
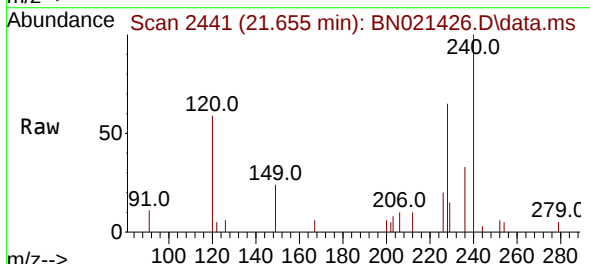
Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

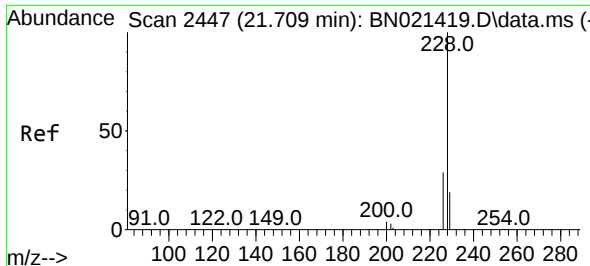
Tgt Ion:244 Resp: 11746
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.5 9.7#
 122 21.9 9.1 13.7#



#32
 Benzo(a)anthracene
 Concen: 0.033 ng
 RT: 21.655 min Scan# 2441
 Delta R.T. -0.000 min
 Lab File: BN021426.D
 Acq: 29 Aug 2022 17:32

Tgt Ion:228 Resp: 1291
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.0 33.0
 229 23.7 15.9 23.9

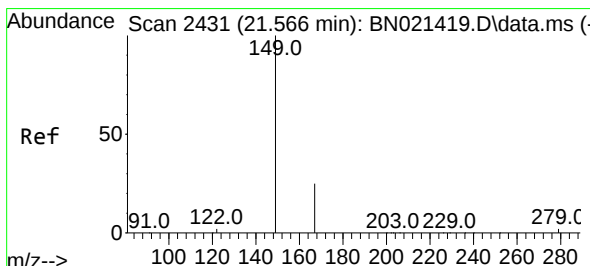
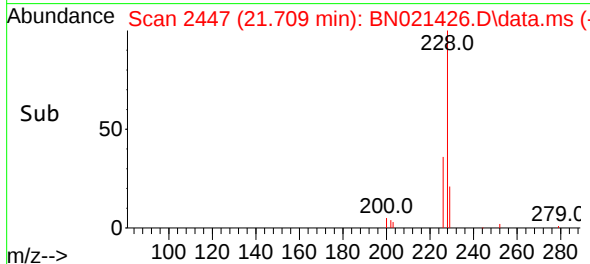
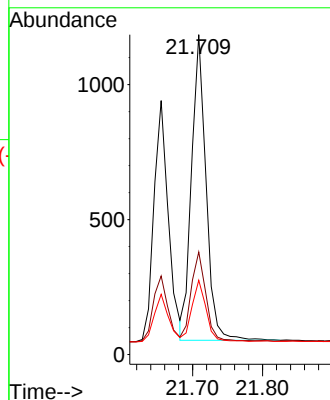
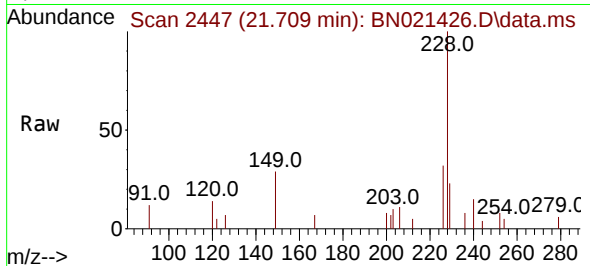




#33
Chrysene
Concen: 0.035 ng
RT: 21.709 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

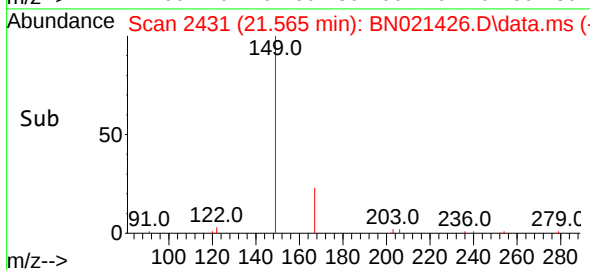
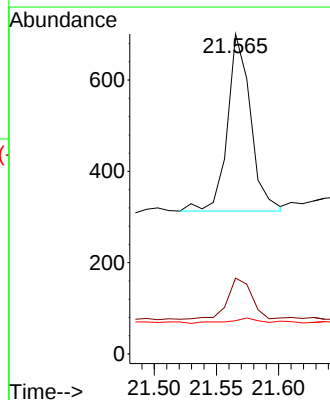
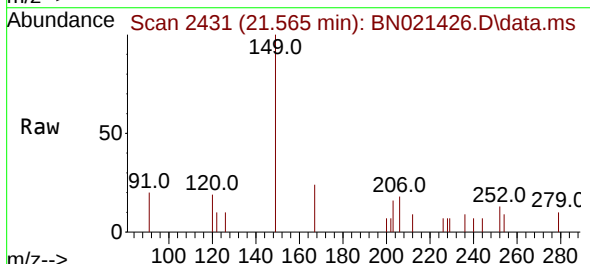
Instrument :
BNA_N
ClientSampleId :
PB147117BL

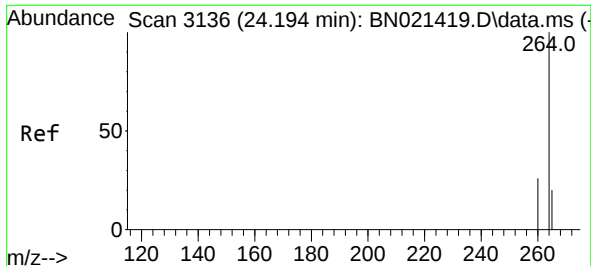
Tgt Ion:228	Resp:	1627
Ion Ratio	Lower	Upper
228	100	
226	32.1	24.2 36.2
229	23.2	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.565 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Tgt Ion:149	Resp:	503
Ion Ratio	Lower	Upper
149	100	
167	24.3	21.4 32.0
279	4.8	2.2 3.2

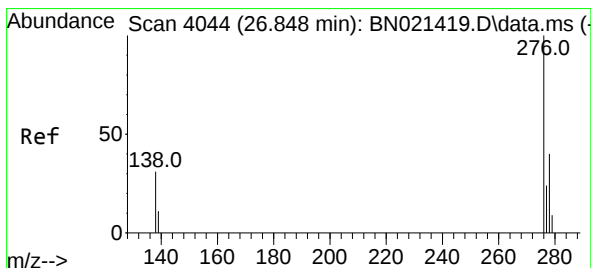
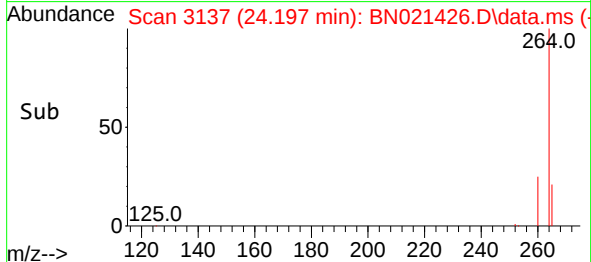
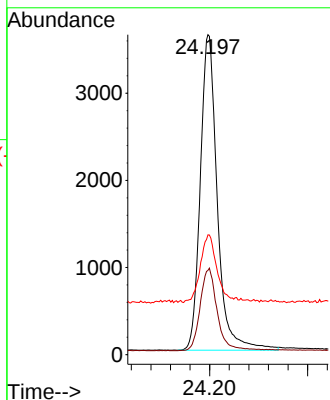
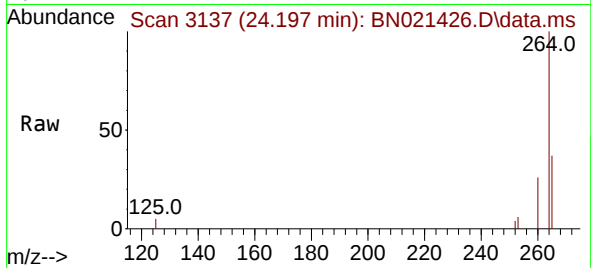




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: BN021426.D
 Acq: 29 Aug 2022 17:32

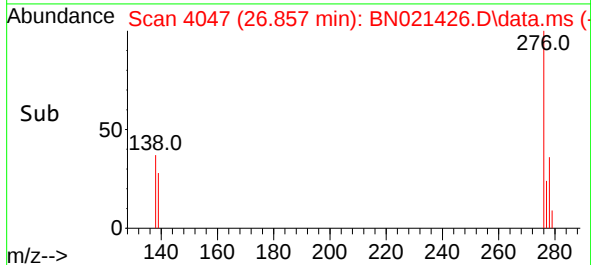
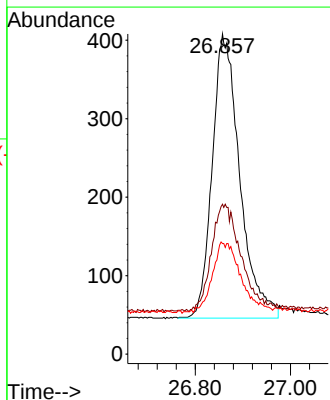
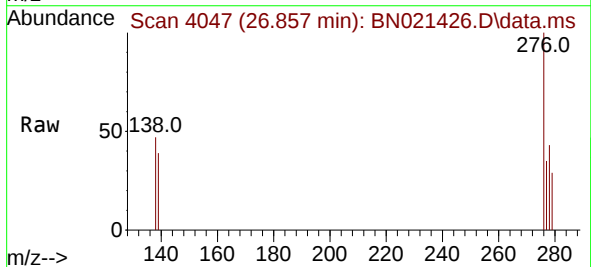
Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

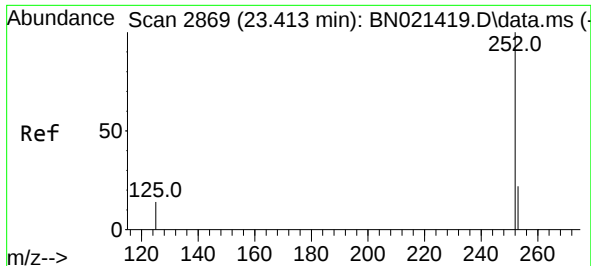
Tgt Ion:264 Resp: 8712
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.0 31.6
 265 37.5 32.2 48.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.037 ng
 RT: 26.857 min Scan# 4047
 Delta R.T. 0.009 min
 Lab File: BN021426.D
 Acq: 29 Aug 2022 17:32

Tgt Ion:276 Resp: 1451
 Ion Ratio Lower Upper
 276 100
 138 40.7 27.4 41.2
 277 11.5 19.9 29.9#





#37

Benzo(b)fluoranthene

Concen: 0.038 ng

RT: 23.422 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN021426.D

Acq: 29 Aug 2022 17:32

Instrument :

BNA_N

ClientSampleId :

PB147117BL

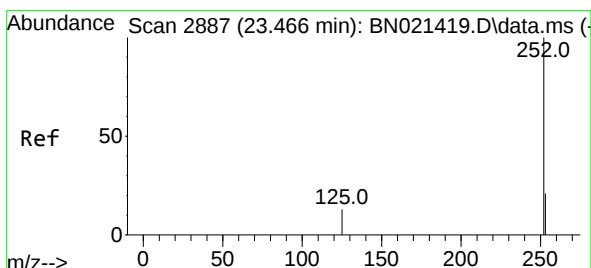
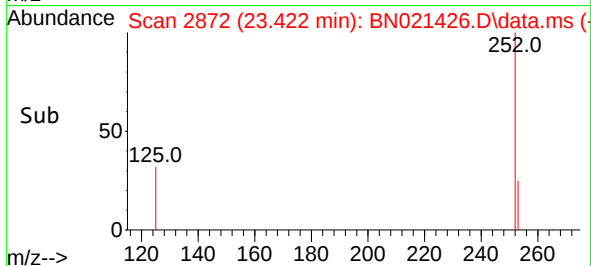
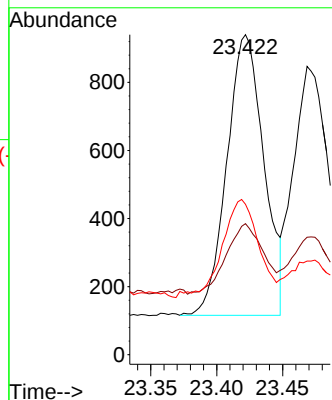
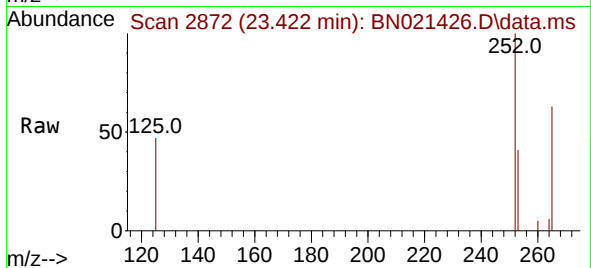
Tgt Ion:252 Resp: 1612

Ion Ratio Lower Upper

252 100

253 41.0 19.8 29.6#

125 47.0 13.7 20.5#



#38

Benzo(k)fluoranthene

Concen: 0.031 ng

RT: 23.469 min Scan# 2888

Delta R.T. 0.003 min

Lab File: BN021426.D

Acq: 29 Aug 2022 17:32

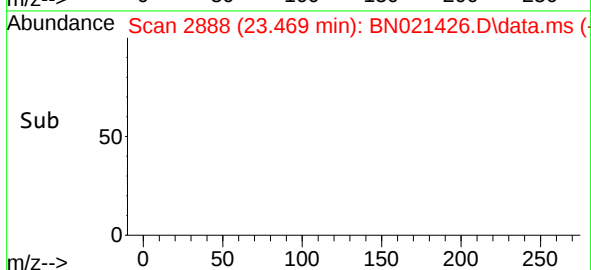
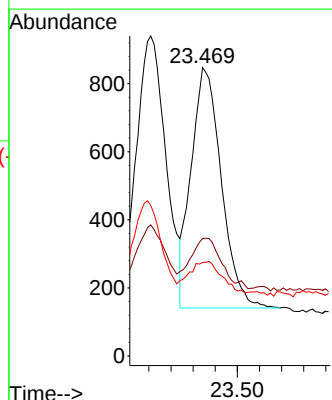
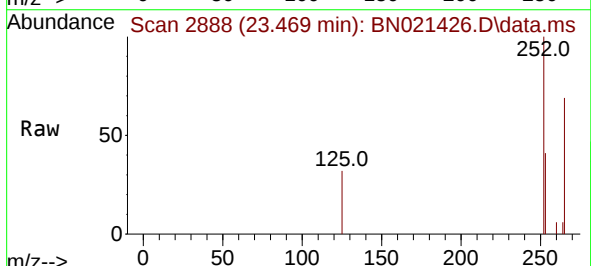
Tgt Ion:252 Resp: 1340

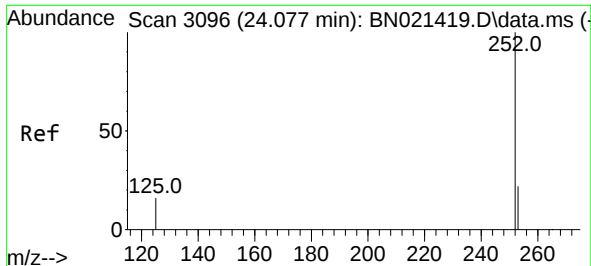
Ion Ratio Lower Upper

252 100

253 40.7 19.5 29.3#

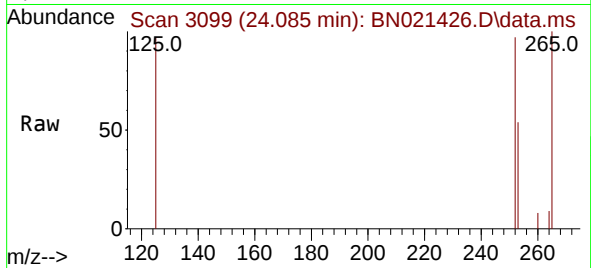
125 32.5 12.3 18.5#



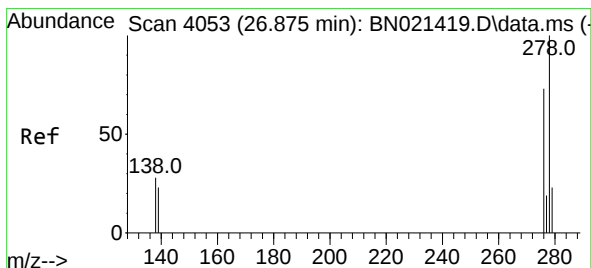
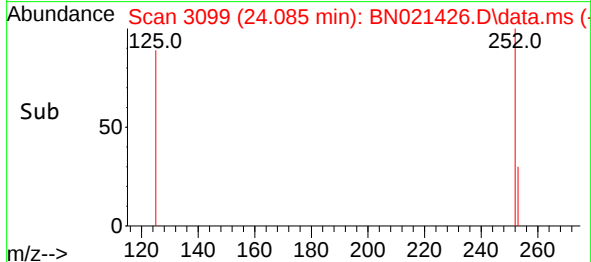
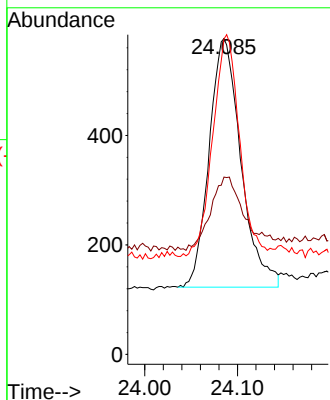


#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 24.085 min Scan# 3099
Delta R.T. 0.009 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

Instrument :
BNA_N
ClientSampleId :
PB147117BL

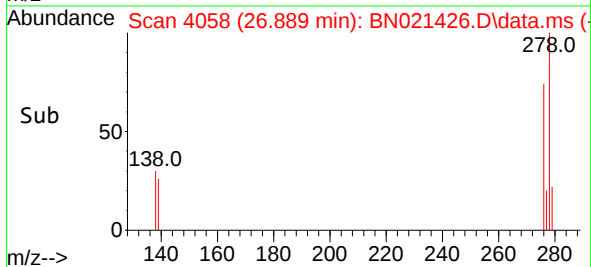
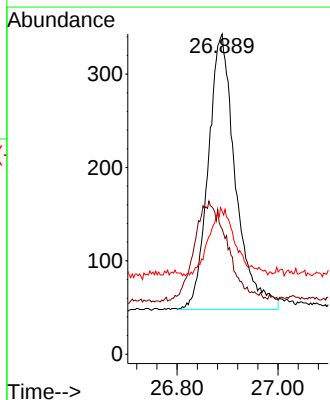
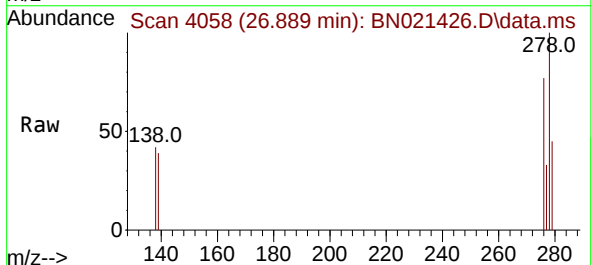


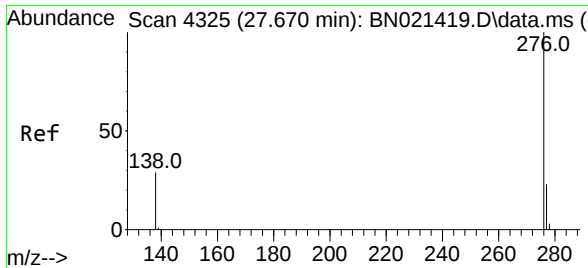
Tgt Ion:252 Resp: 1082
Ion Ratio Lower Upper
252 100
253 56.2 21.1 31.7#
125 99.8 16.6 25.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.035 ng
RT: 26.889 min Scan# 4058
Delta R.T. 0.014 min
Lab File: BN021426.D
Acq: 29 Aug 2022 17:32

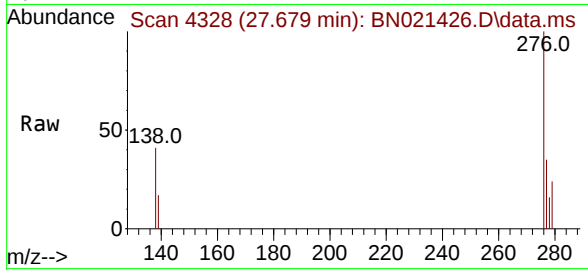
Tgt Ion:278 Resp: 1102
Ion Ratio Lower Upper
278 100
139 39.1 21.8 32.6#
279 44.6 20.4 30.6#





#41
 Benzo(g,h,i)perylene
 Concen: 0.035 ng
 RT: 27.679 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN021426.D
 Acq: 29 Aug 2022 17:32

Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL



Tgt Ion:	276	Resp:	1215
Ion	Ratio	Lower	Upper
276	100		
277	34.7	19.7	29.5#
138	41.2	23.7	35.5#

