

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021486.D
 Acq On : 31 Aug 2022 11:00
 Operator : CG/JU
 Sample : PB147332BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

Quant Time: Sep 01 03:16:52 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

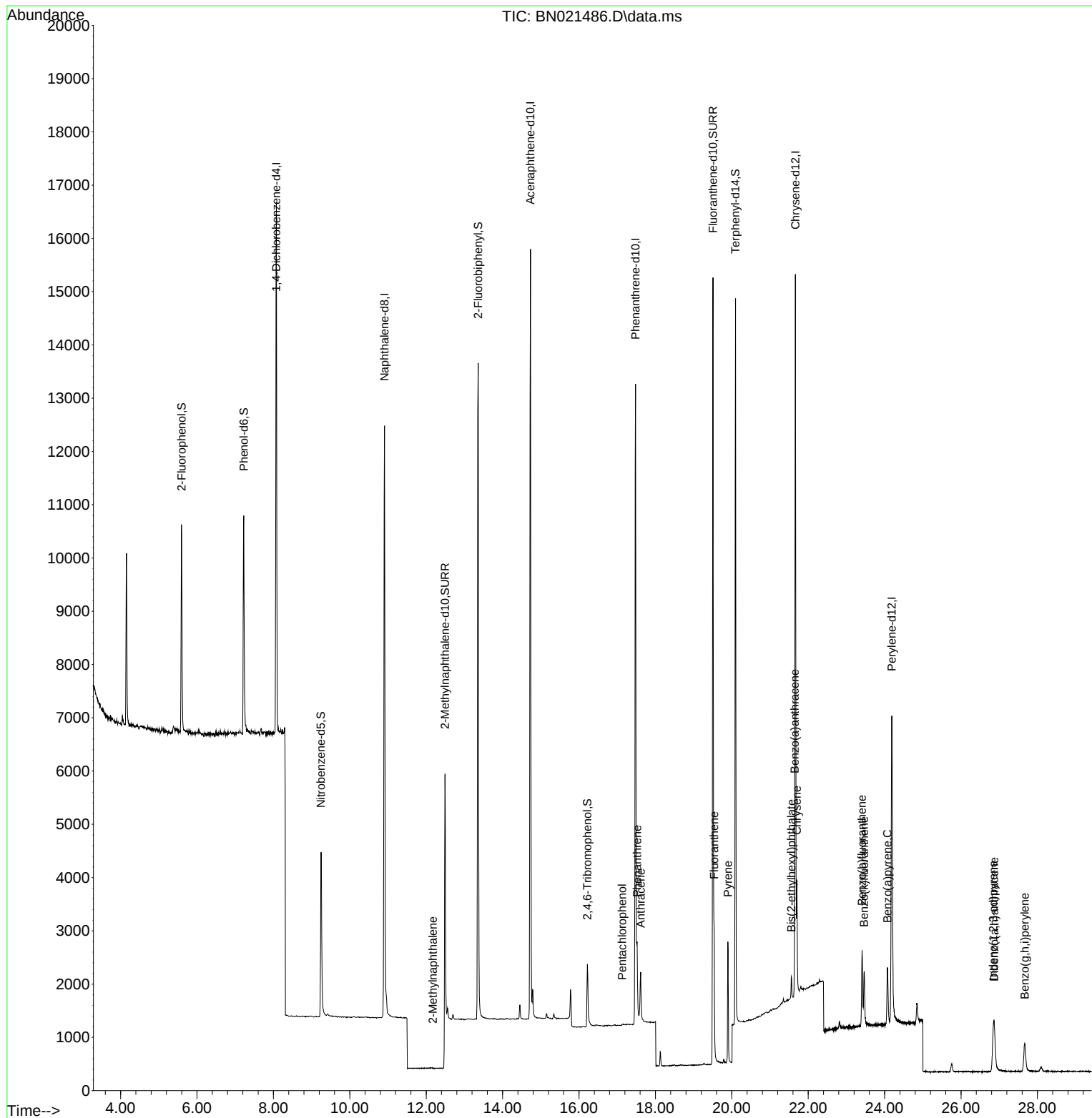
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5117	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16182	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	8869	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	18417	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12231	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	9615	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3588	0.358	ng	0.00
5) Phenol-d6	7.224	99	4599	0.360	ng	0.00
8) Nitrobenzene-d5	9.243	82	3314	0.303	ng	-0.01
11) 2-Methylnaphthalene-d10	12.494	152	12382	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	820	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	12496	0.322	ng	0.00
27) Fluoranthene-d10	19.506	212	16492	0.348	ng	0.00
31) Terphenyl-d14	20.097	244	12375	0.450	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.172	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	18	0.207	ng	# 73
25) Phenanthrene	17.521	178	1421	0.022	ng	95
26) Anthracene	17.613	178	1109	0.022	ng	97
28) Fluoranthene	19.535	202	2087	0.032	ng	98
30) Pyrene	19.898	202	2061	0.032	ng	# 92
32) Benzo(a)anthracene	21.646	228	1434	0.034	ng	94
33) Chrysene	21.700	228	1743	0.034	ng	95
34) Bis(2-ethylhexyl)phtha...	21.557	149	463	0.027	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.846	276	1562	0.036	ng	96
37) Benzo(b)fluoranthene	23.410	252	1738	0.037	ng	# 56
38) Benzo(k)fluoranthene	23.466	252	1453	0.030	ng	# 61
39) Benzo(a)pyrene	24.074	252	1218	0.037	ng	# 6
40) Dibenzo(a,h)anthracene	26.872	278	1156	0.033	ng	# 70
41) Benzo(g,h,i)perylene	27.667	276	1289	0.034	ng	# 80

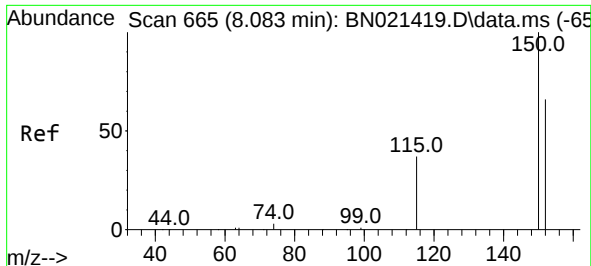
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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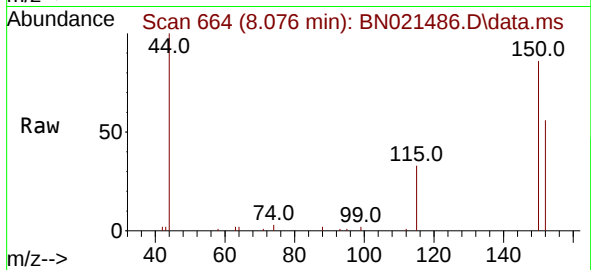
Quant Time: Sep 01 03:16:52 2022
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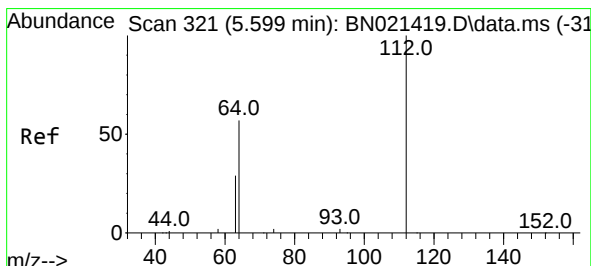
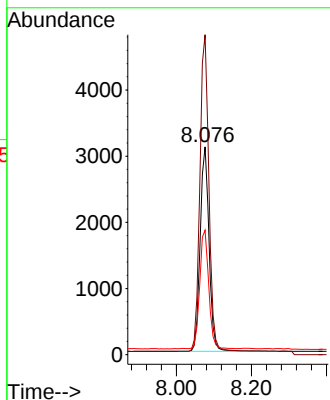
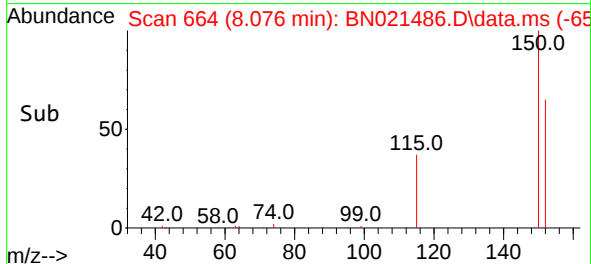


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

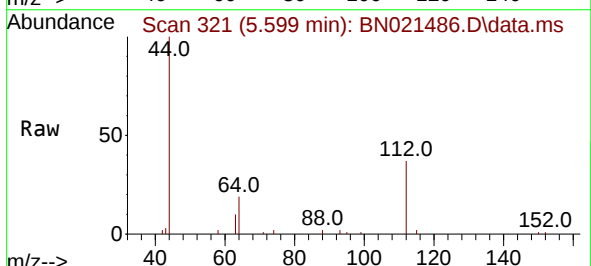
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BNA_N
ClientSampleId :
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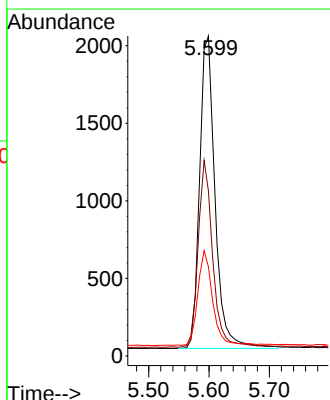
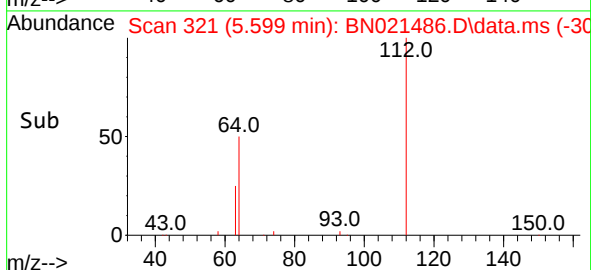
Tgt Ion:152 Resp: 5117
Ion Ratio Lower Upper
152 100
150 153.9 121.4 182.0
115 59.9 48.6 72.8

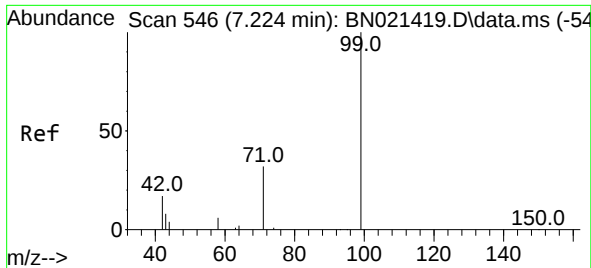


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00



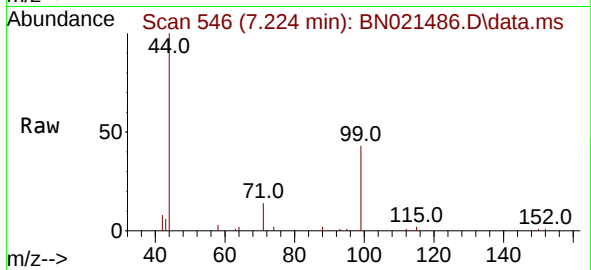
Tgt Ion:112 Resp: 3588
Ion Ratio Lower Upper
112 100
64 56.5 43.5 65.3
63 29.2 22.6 34.0



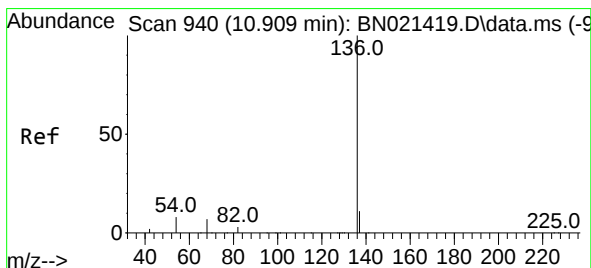
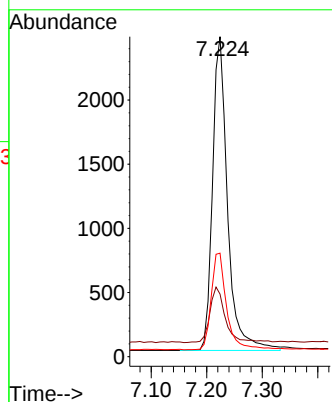
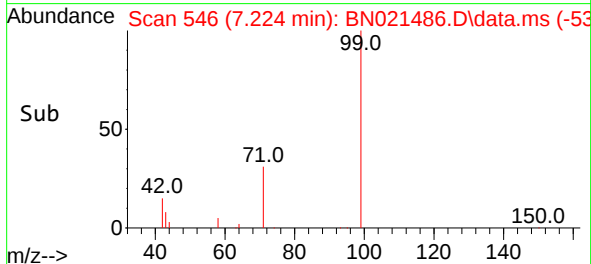


#5
Phenol-d6
Concen: 0.360 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

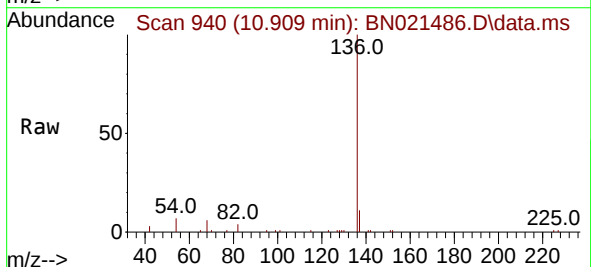
Instrument :
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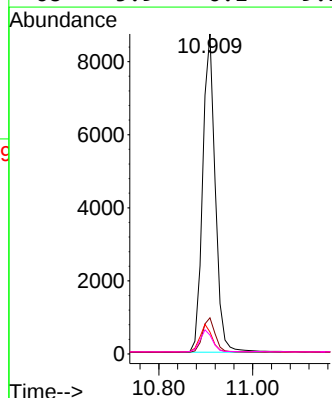
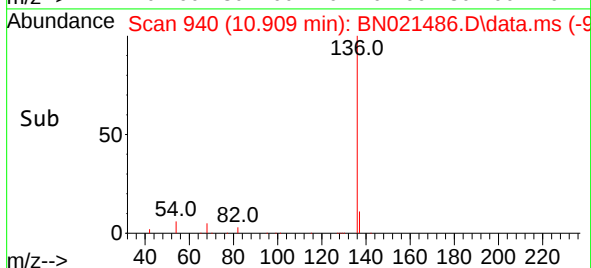
Tgt Ion:	99	Resp:	4599
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.5	23.3
71	32.1	24.2	36.2

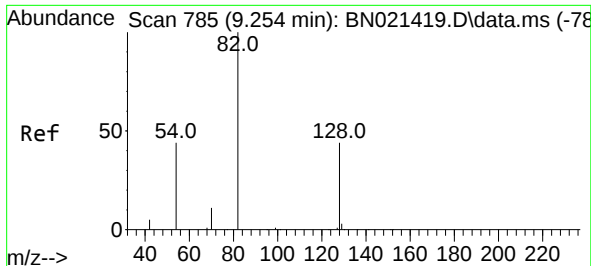


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00



Tgt Ion:	136	Resp:	16182
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	6.8	6.9	10.3#
68	5.9	6.1	9.1#

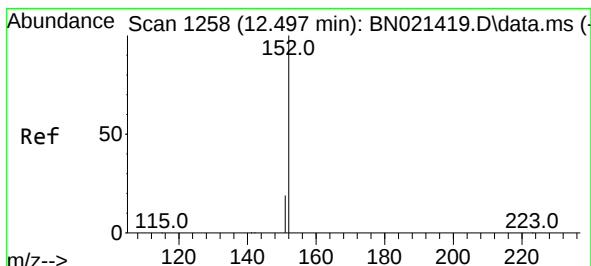
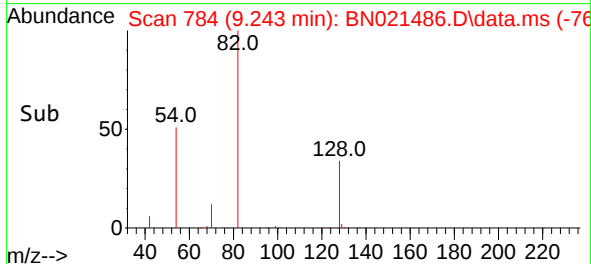
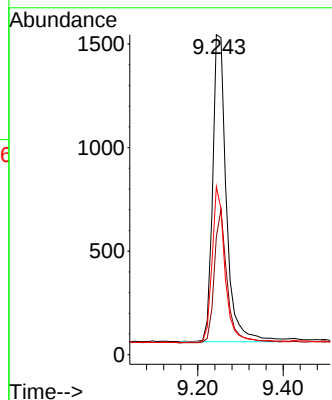
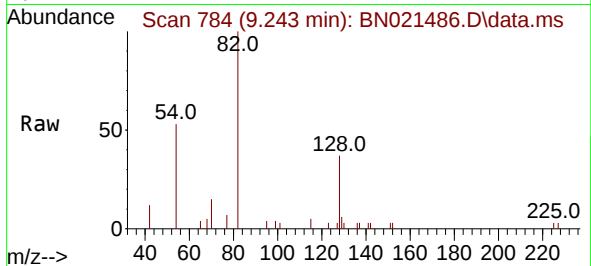




#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 9.243 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

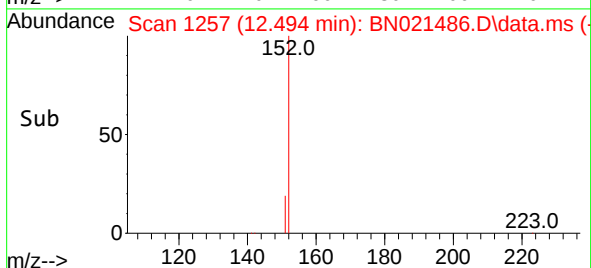
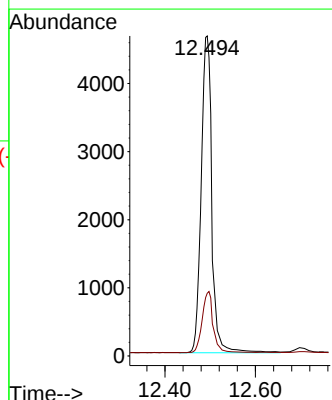
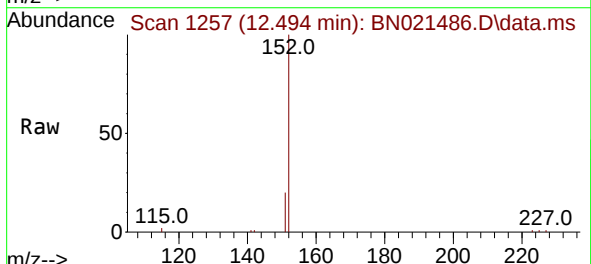
Instrument :
BNA_N
ClientSampleId :
PB147332BL

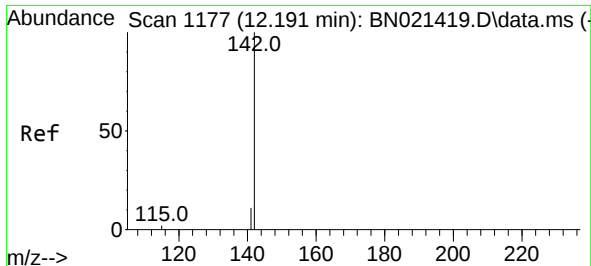
Tgt Ion: 82 Resp: 3314
Ion Ratio Lower Upper
82 100
128 36.9 30.9 46.3
54 52.6 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.494 min Scan# 1257
Delta R.T. -0.003 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:152 Resp: 12382
Ion Ratio Lower Upper
152 100
151 17.5 14.5 21.7

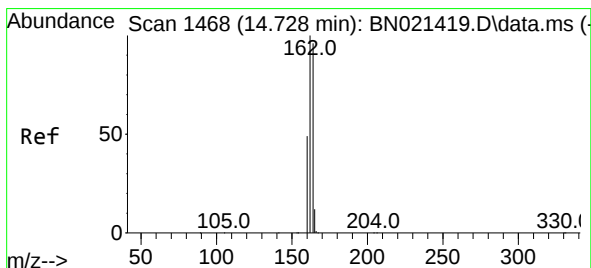
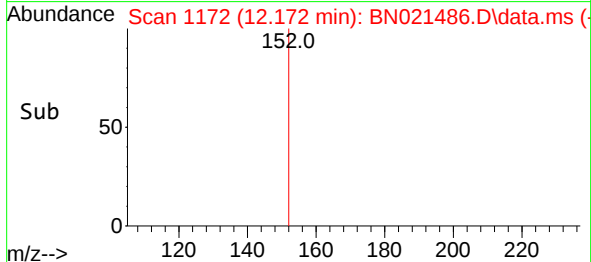
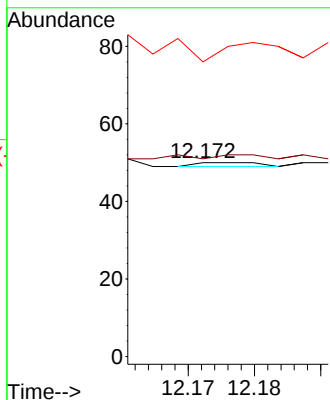
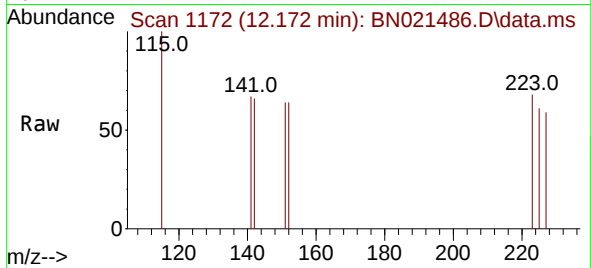




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.172 min Scan# 1172
Delta R.T. -0.019 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

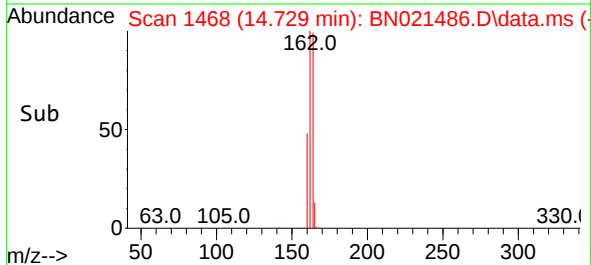
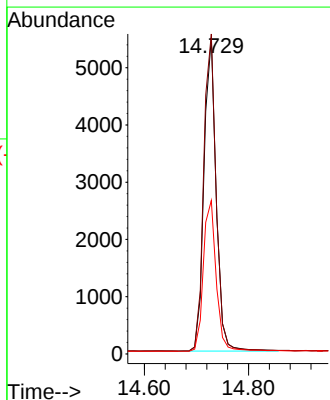
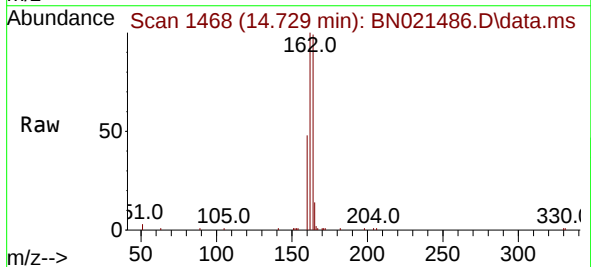
Instrument :
BNA_N
ClientSampleId :
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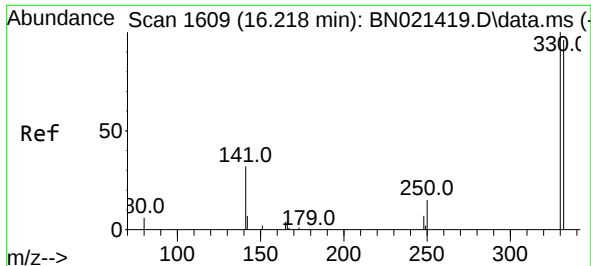
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 102.0 12.2 18.2#
115 152.0 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:164 Resp: 8869
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.4
160 48.6 39.5 59.3

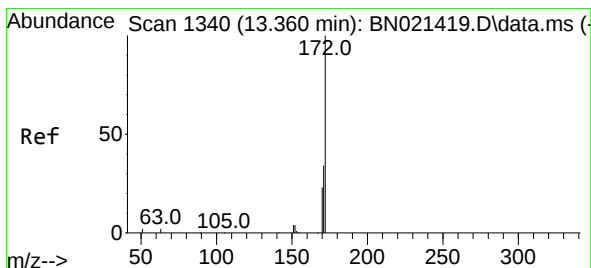
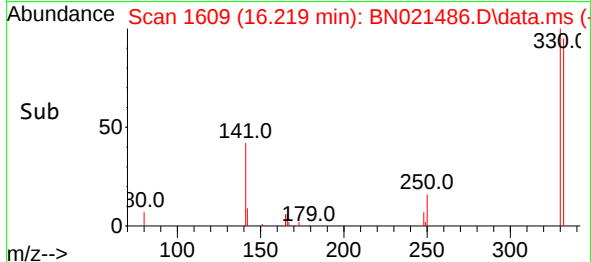
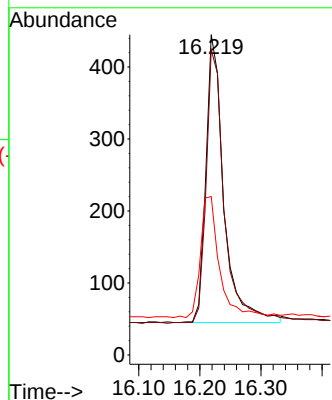
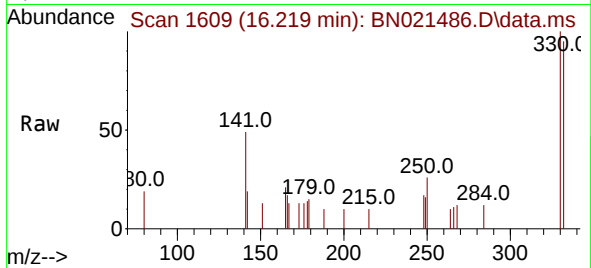




#14
 2,4,6-Tribromophenol
 Concen: 0.282 ng
 RT: 16.219 min Scan# 1609
 Delta R.T. 0.001 min
 Lab File: BN021486.D
 Acq: 31 Aug 2022 11:00

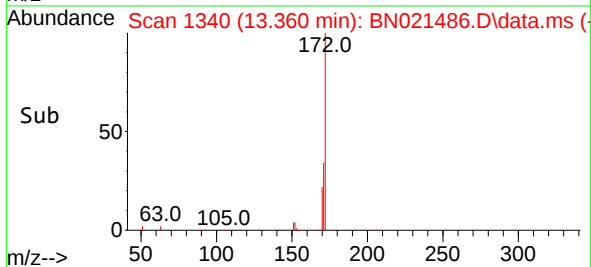
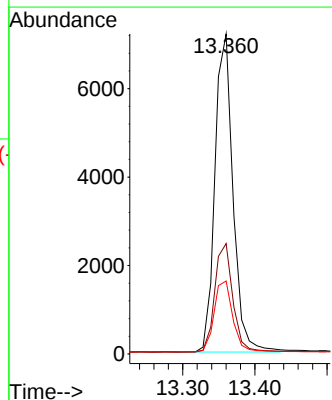
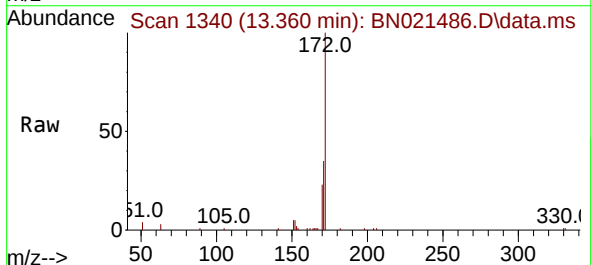
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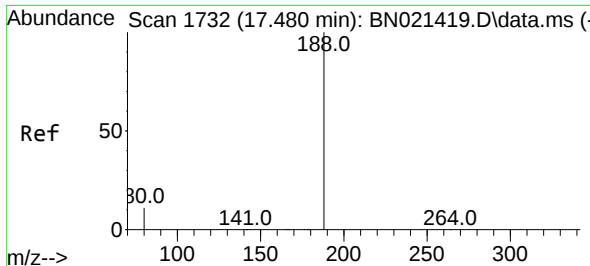
Tgt Ion:330 Resp: 820
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.3 118.9
 141 44.3 37.1 55.7



#15
 2-Fluorobiphenyl
 Concen: 0.322 ng
 RT: 13.360 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: BN021486.D
 Acq: 31 Aug 2022 11:00

Tgt Ion:172 Resp: 12496
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.6
 170 22.8 18.6 28.0

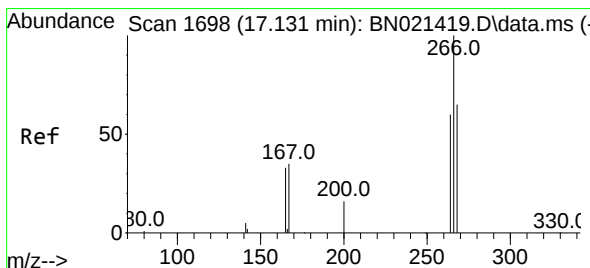
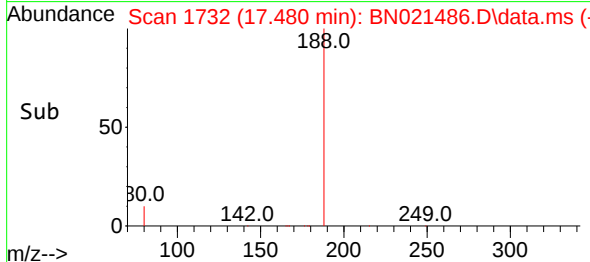
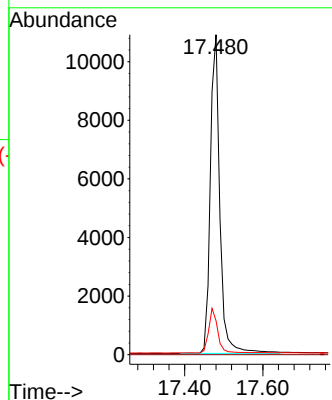
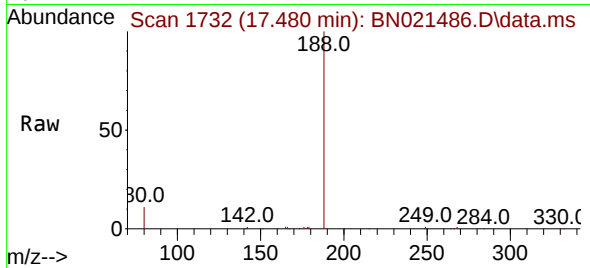




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

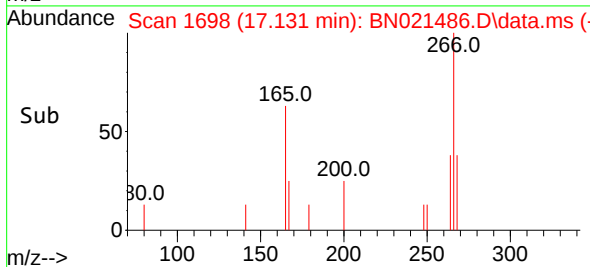
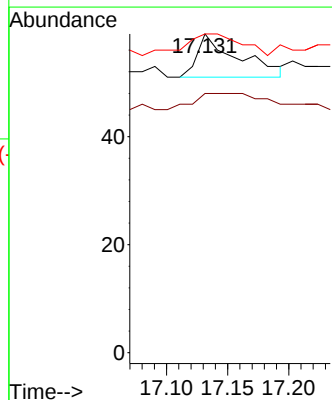
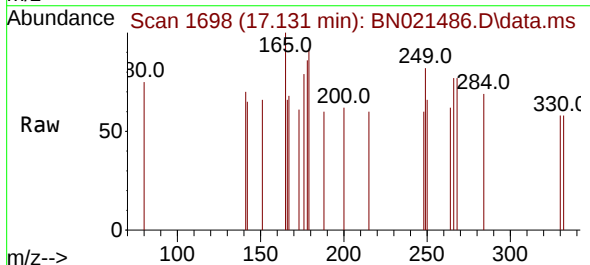
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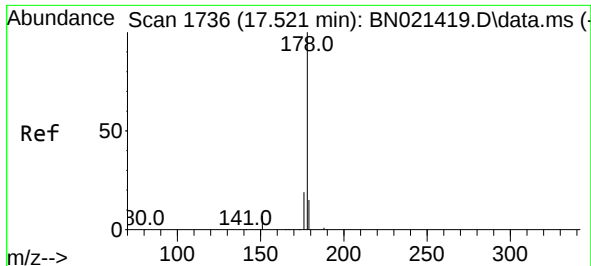
Tgt Ion:188 Resp: 18417
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3



#24
Pentachlorophenol
Concen: 0.207 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 77.8 49.0 73.6#
268 88.9 50.9 76.3#

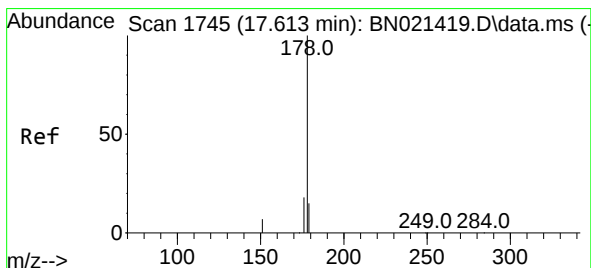
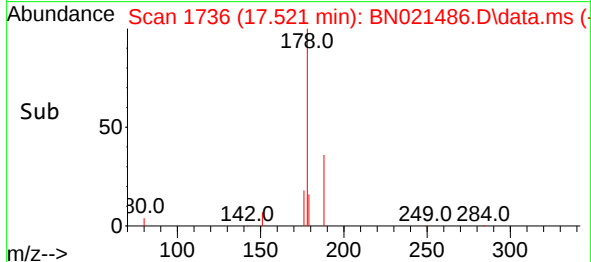
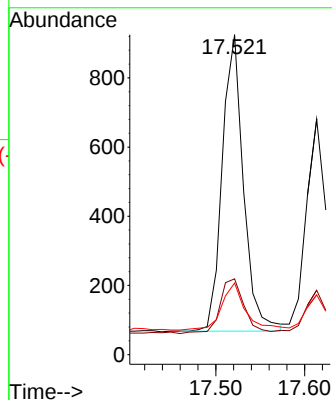
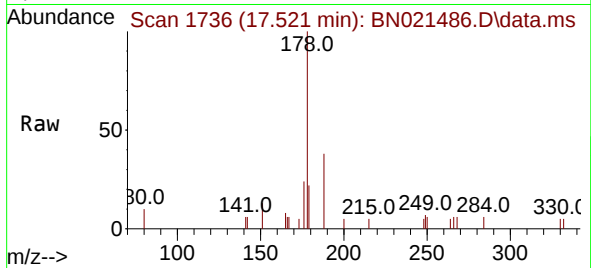




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.521 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

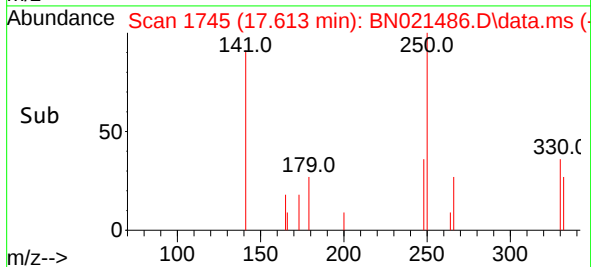
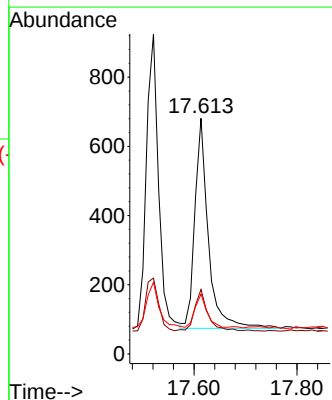
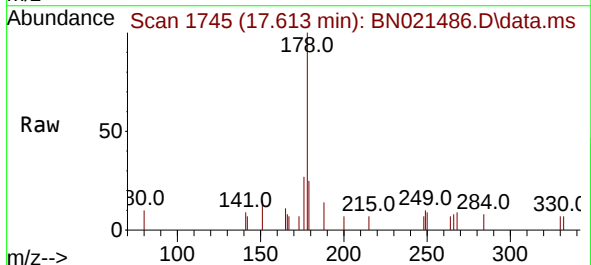
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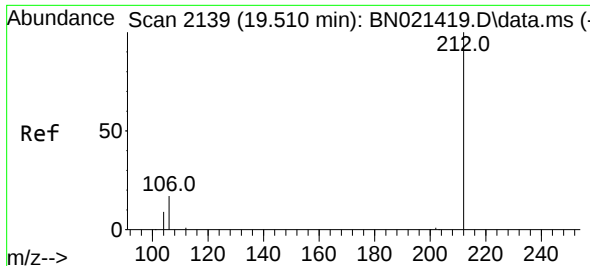
Tgt Ion:178 Resp: 1421
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.2
179 17.9 12.2 18.4



#26
Anthracene
Concen: 0.022 ng
RT: 17.613 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:178 Resp: 1109
Ion Ratio Lower Upper
178 100
176 19.5 14.6 22.0
179 13.7 12.2 18.2

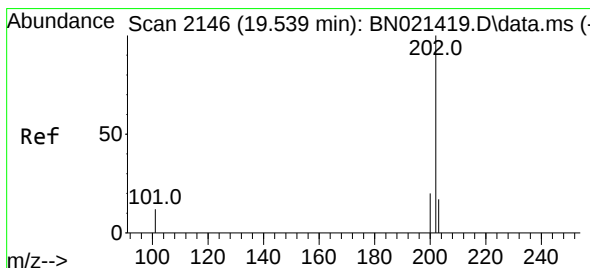
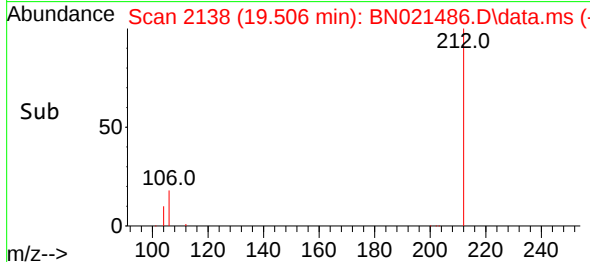
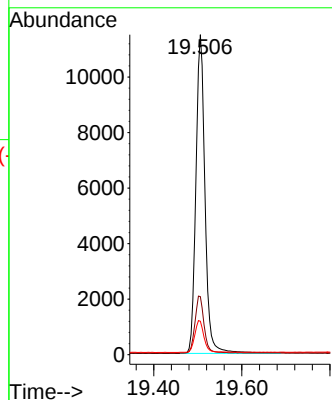
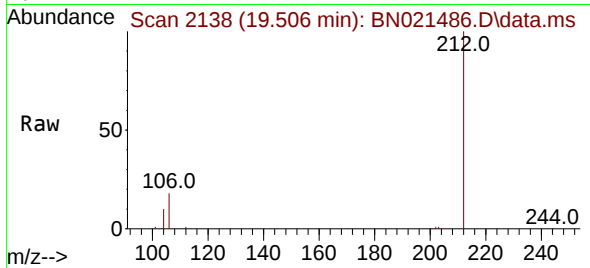




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

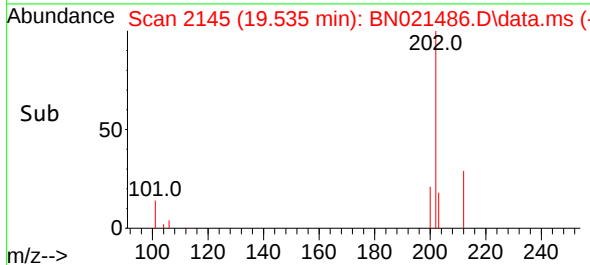
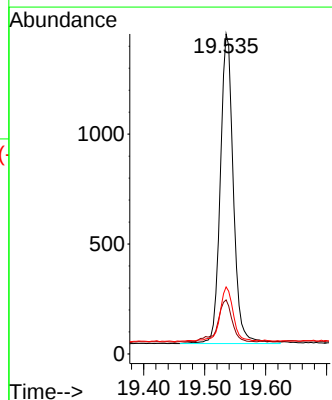
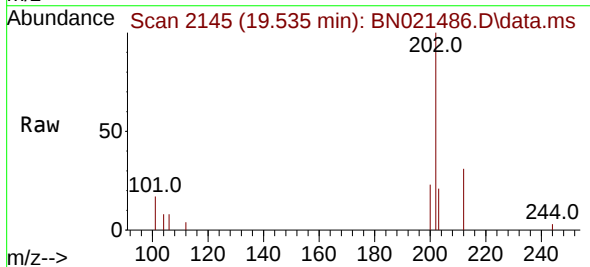
Instrument :
BNA_N
ClientSampleId :
PB147332BL

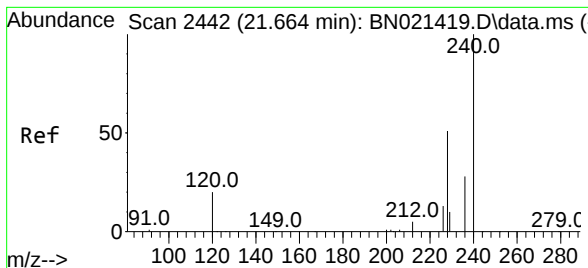
Tgt Ion:212 Resp: 16492
Ion Ratio Lower Upper
212 100
106 17.8 14.2 21.2
104 10.1 7.8 11.6



#28
Fluoranthene
Concen: 0.032 ng
RT: 19.535 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:202 Resp: 2087
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.664 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BN021486.D

Acq: 31 Aug 2022 11:00

Instrument :

BNA_N

ClientSampleId :

PB147332BL

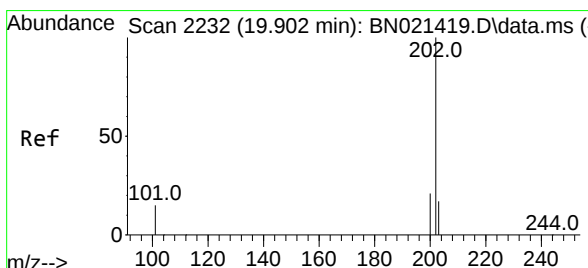
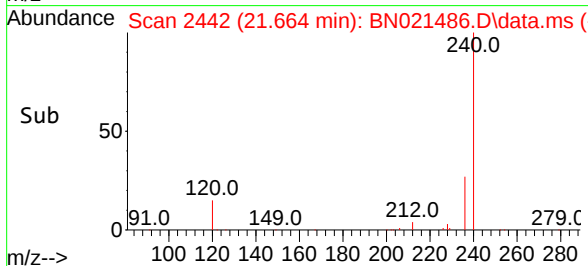
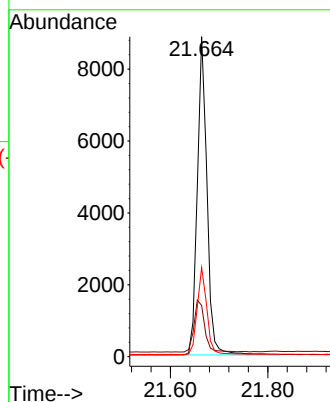
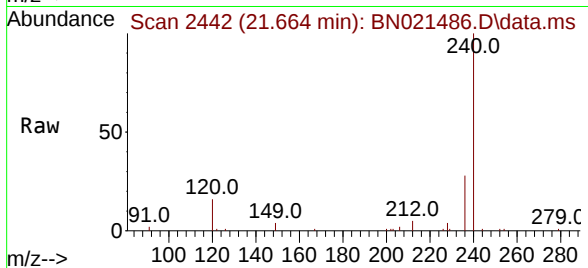
Tgt Ion:240 Resp: 12231

Ion Ratio Lower Upper

240 100

120 16.0 10.2 15.4#

236 27.9 22.1 33.1



#30

Pyrene

Concen: 0.032 ng

RT: 19.898 min Scan# 2231

Delta R.T. -0.004 min

Lab File: BN021486.D

Acq: 31 Aug 2022 11:00

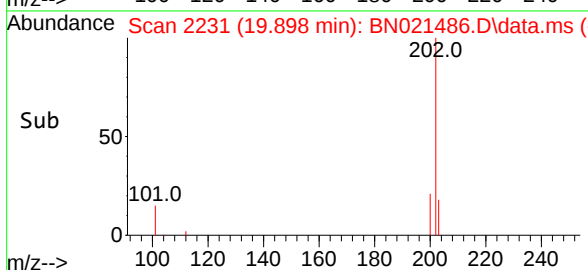
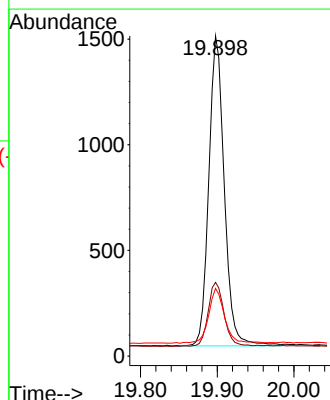
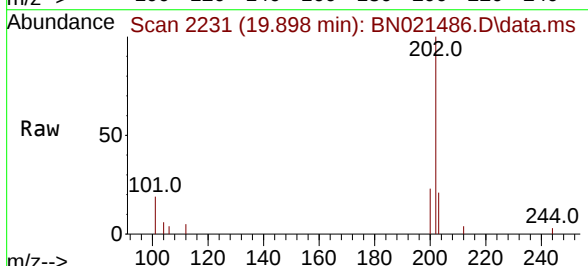
Tgt Ion:202 Resp: 2061

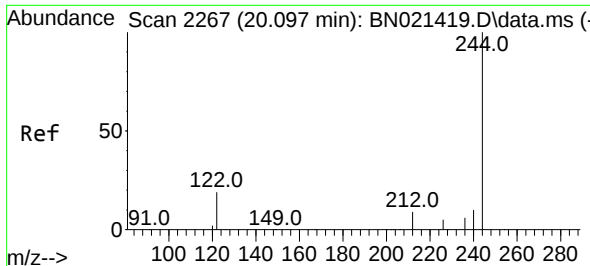
Ion Ratio Lower Upper

202 100

200 21.2 13.9 20.9#

203 18.3 11.9 17.9#

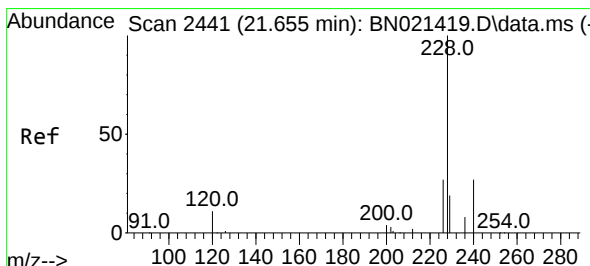
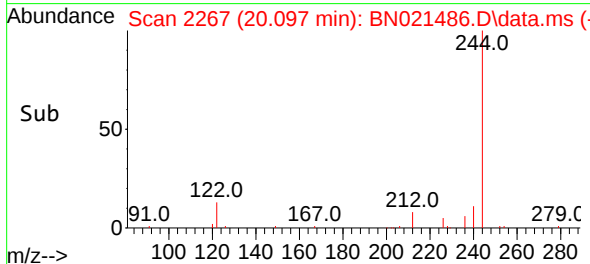
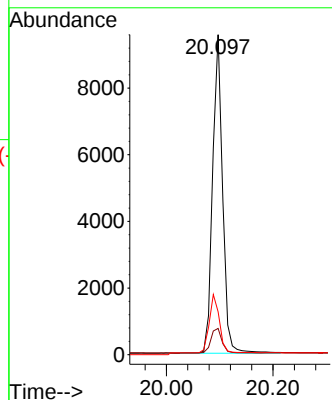
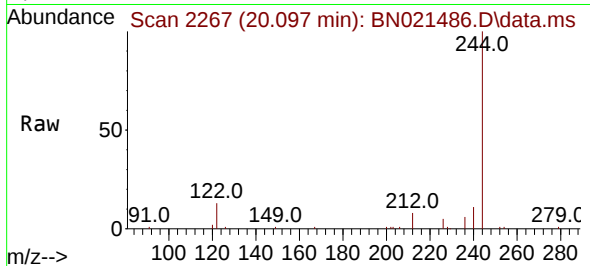




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021486.D
 Acq: 31 Aug 2022 11:00

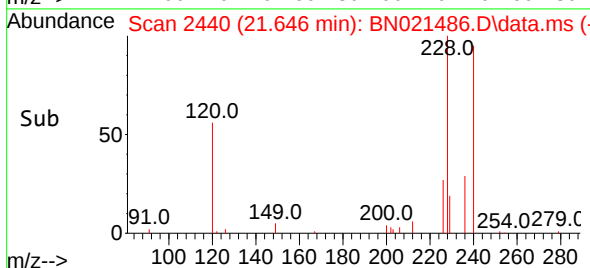
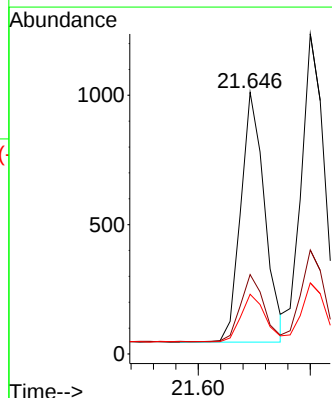
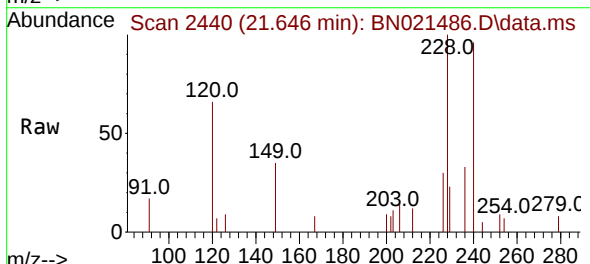
Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

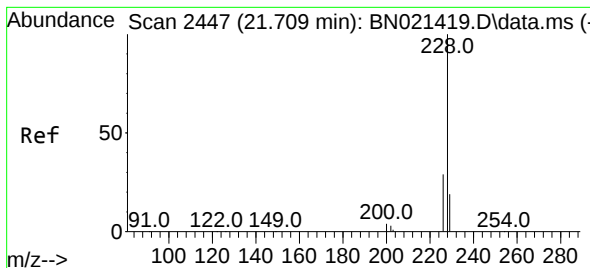
Tgt Ion:244 Resp: 12375
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 13.4 9.1 13.7



#32
 Benzo(a)anthracene
 Concen: 0.034 ng
 RT: 21.646 min Scan# 2440
 Delta R.T. -0.009 min
 Lab File: BN021486.D
 Acq: 31 Aug 2022 11:00

Tgt Ion:228 Resp: 1434
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.0 33.0
 229 22.8 15.9 23.9





#33

Chrysene

Concen: 0.034 ng

RT: 21.700 min Scan# 2447

Delta R.T. -0.009 min

Lab File: BN021486.D

Acq: 31 Aug 2022 11:00

Instrument :

BNA_N

ClientSampleId :

PB147332BL

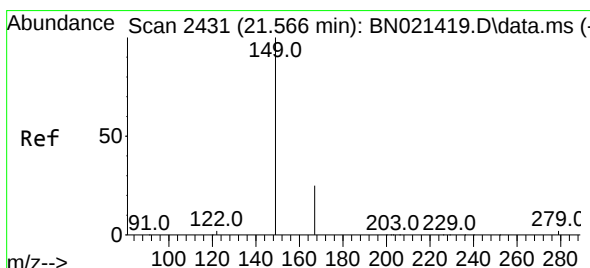
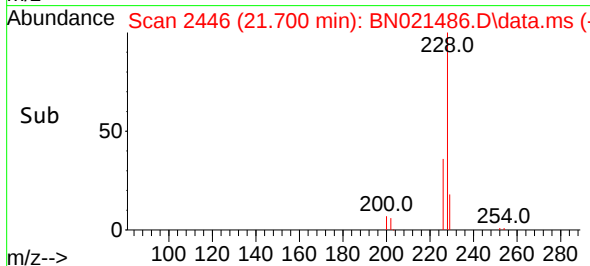
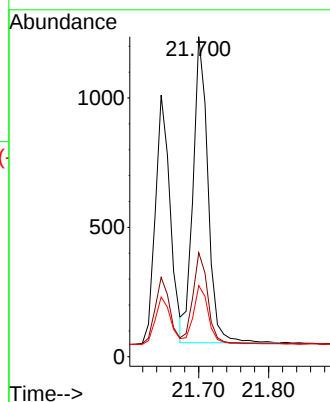
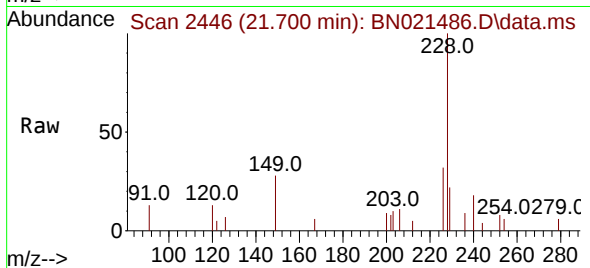
Tgt Ion:228 Resp: 1743

Ion Ratio Lower Upper

228 100

226 32.5 24.2 36.2

229 22.2 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.557 min Scan# 2430

Delta R.T. -0.009 min

Lab File: BN021486.D

Acq: 31 Aug 2022 11:00

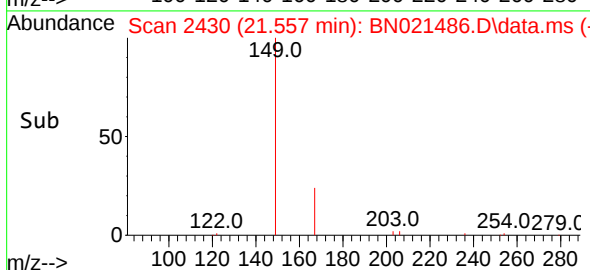
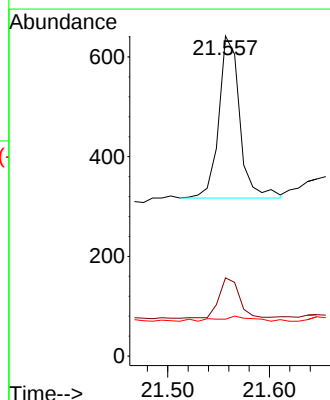
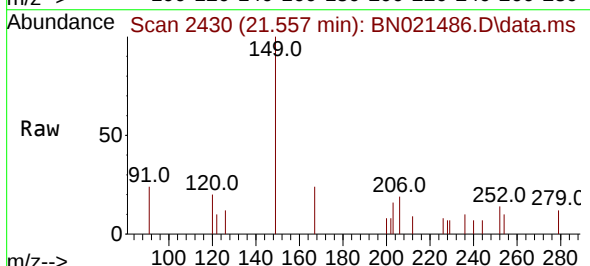
Tgt Ion:149 Resp: 463

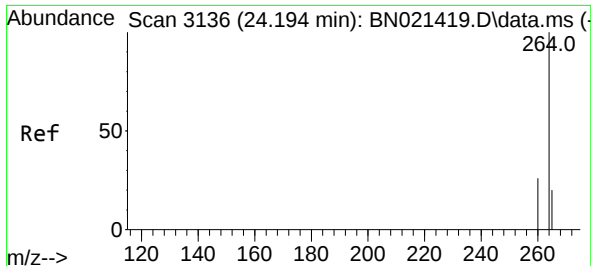
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.0

279 5.6 2.2 3.2#

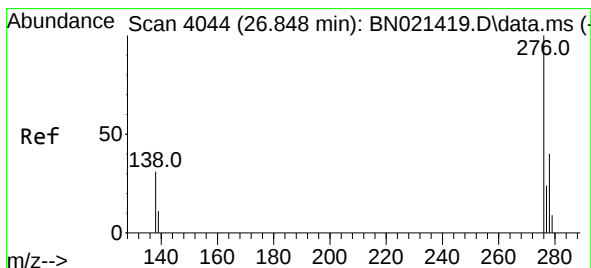
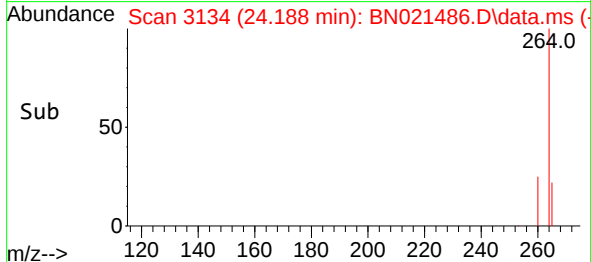
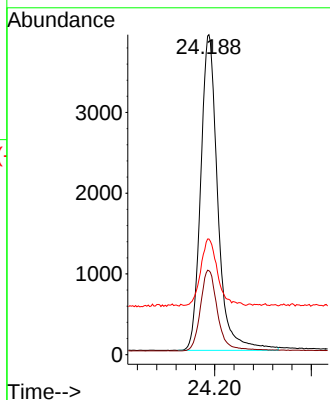
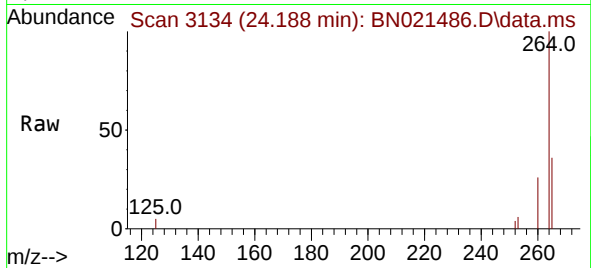




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

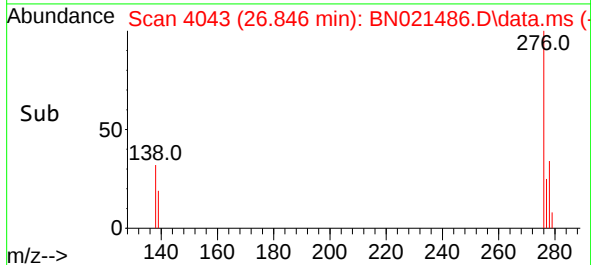
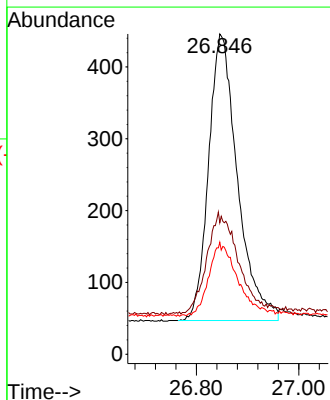
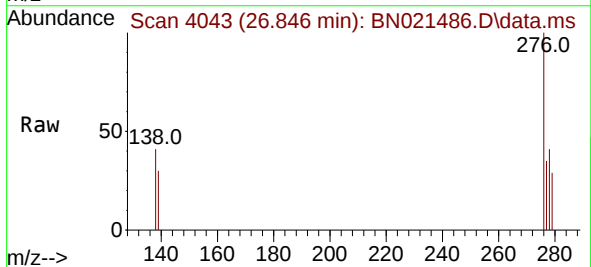
Instrument :
BNA_N
ClientSampleId :
PB147332BL

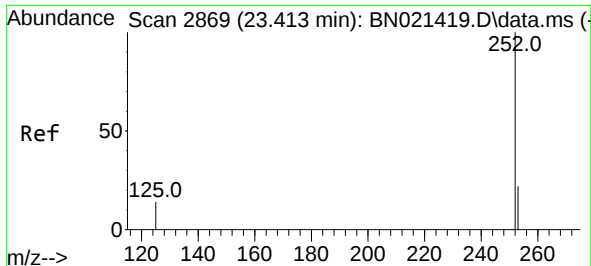
Tgt Ion:	264	Resp:	9615
Ion Ratio	Lower	Upper	
264	100		
260	26.3	21.0	31.6
265	36.2	32.2	48.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 26.846 min Scan# 4043
Delta R.T. -0.003 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:	276	Resp:	1562
Ion Ratio	Lower	Upper	
276	100		
138	38.3	27.4	41.2
277	24.4	19.9	29.9

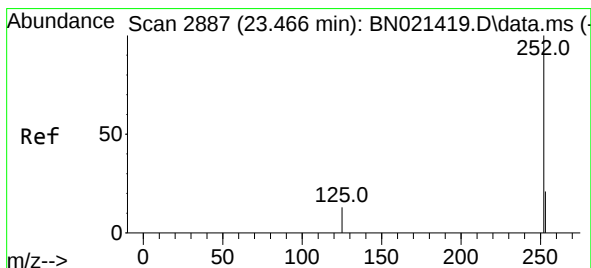
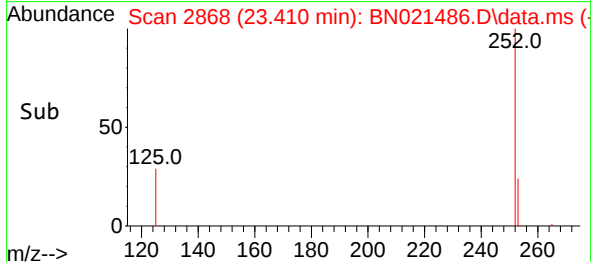
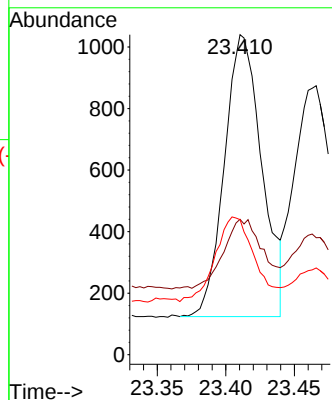
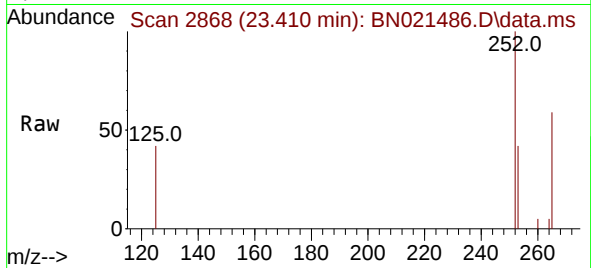




#37
Benzo(b)fluoranthene
Concen: 0.037 ng
RT: 23.410 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

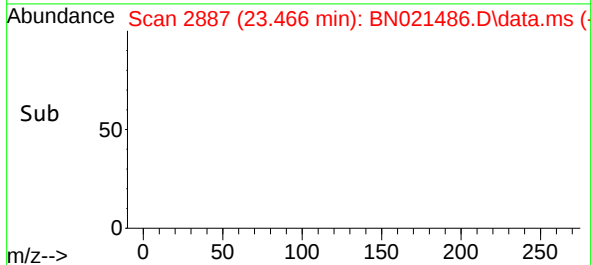
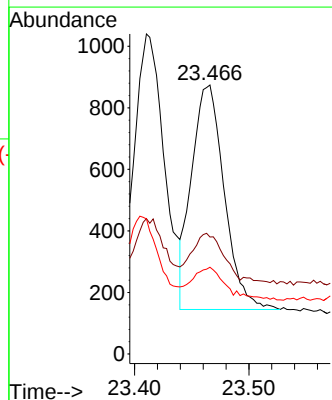
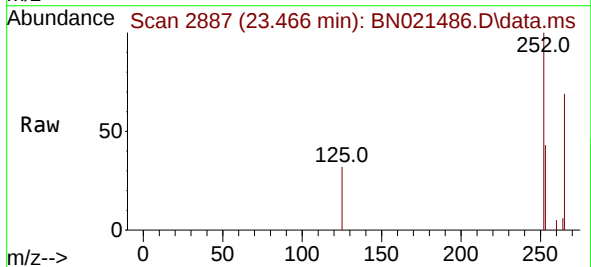
Instrument :
BNA_N
ClientSampleId :
PB147332BL

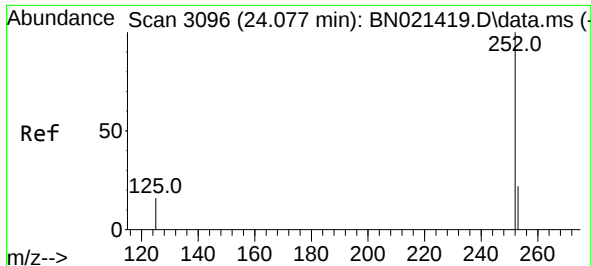
Tgt Ion:252 Resp: 1738
Ion Ratio Lower Upper
252 100
253 42.3 19.8 29.6#
125 42.2 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 23.466 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BN021486.D
Acq: 31 Aug 2022 11:00

Tgt Ion:252 Resp: 1453
Ion Ratio Lower Upper
252 100
253 43.5 19.5 29.3#
125 32.3 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.037 ng

RT: 24.074 min Scan# 3096

Delta R.T. -0.003 min

Lab File: BN021486.D

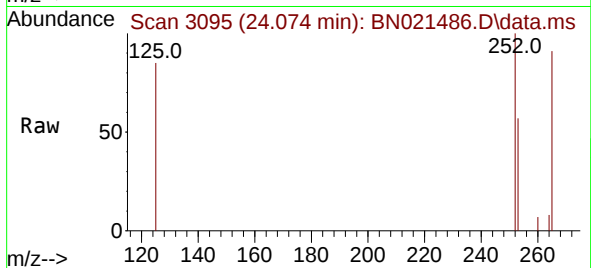
Acq: 31 Aug 2022 11:00

Instrument :

BNA_N

ClientSampleId :

PB147332BL



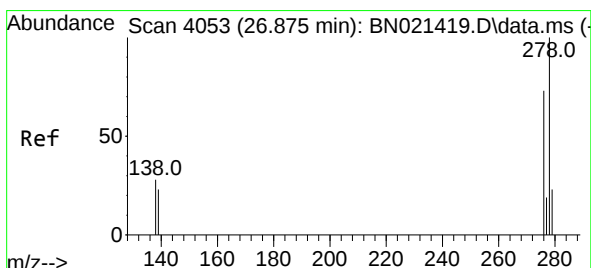
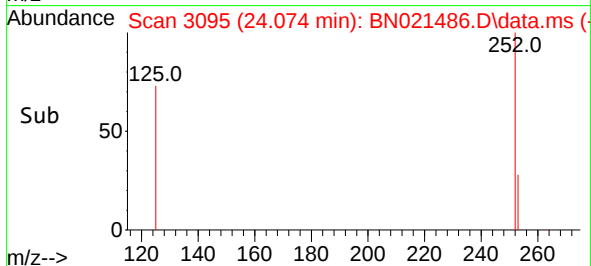
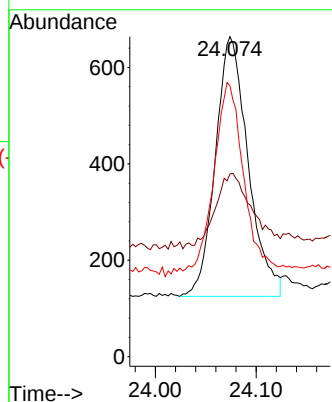
Tgt Ion:252 Resp: 1218

Ion Ratio Lower Upper

252 100

253 57.1 21.1 31.7#

125 84.6 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.033 ng

RT: 26.872 min Scan# 4052

Delta R.T. -0.003 min

Lab File: BN021486.D

Acq: 31 Aug 2022 11:00

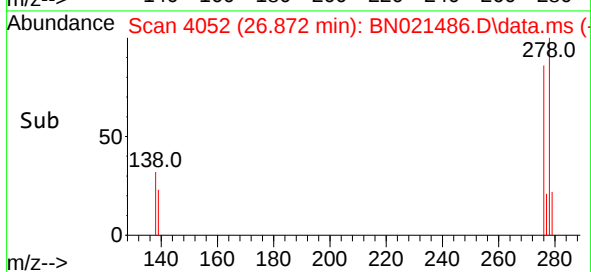
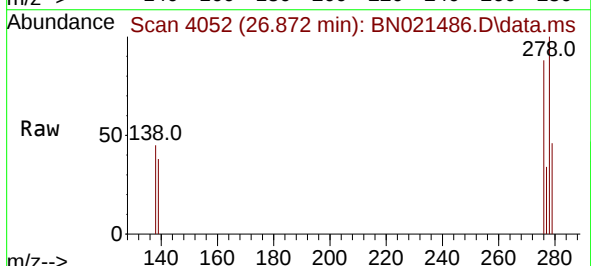
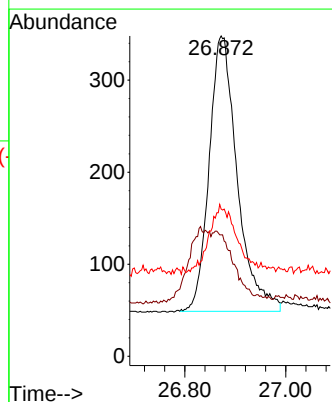
Tgt Ion:278 Resp: 1156

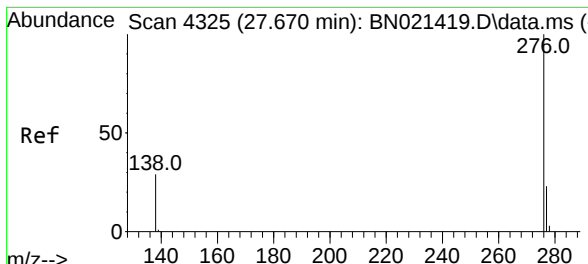
Ion Ratio Lower Upper

278 100

139 37.9 21.8 32.6#

279 46.0 20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.034 ng

RT: 27.667 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN021486.D

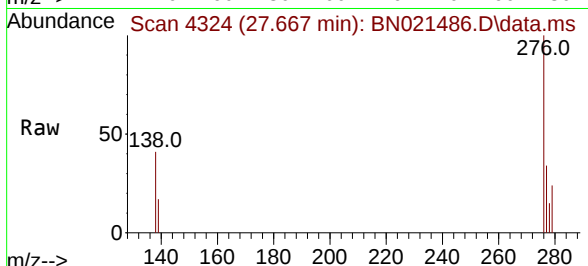
Acq: 31 Aug 2022 11:00

Instrument :

BNA_N

ClientSampleId :

PB147332BL



Tgt Ion:276 Resp: 1289

Ion Ratio Lower Upper

276 100

277 34.0 19.7 29.5#

138 40.8 23.7 35.5#

