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 Data File : BN021578.D
 Acq On : 03 Sep 2022 03:15
 Operator : CG/JU
 Sample : PB147412BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

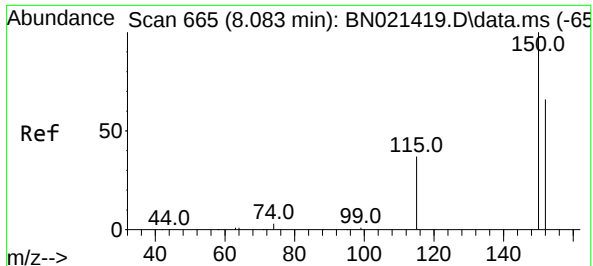
Instrument :
 BNA_N
 ClientSampleId :
 PB147412BL

Quant Time: Sep 03 03:52:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

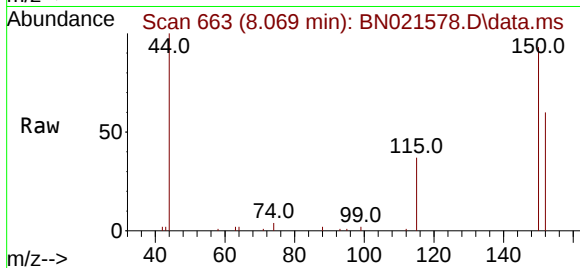
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5998	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	19435	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10750	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	22314	0.400	ng	0.00
29) Chrysene-d12	21.655	240	13257	0.400	ng	0.00
35) Perylene-d12	24.168	264	10213	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4277	0.364	ng	0.00
5) Phenol-d6	7.217	99	5535	0.370	ng	0.00
8) Nitrobenzene-d5	9.243	82	4084	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	16258	0.371	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1045	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	15207	0.324	ng	0.00
27) Fluoranthene-d10	19.497	212	18755	0.327	ng	0.00
31) Terphenyl-d14	20.088	244	13946	0.468	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.191	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	30	0.208	ng	# 75
25) Phenanthrene	17.511	178	1809	0.023	ng	97
26) Anthracene	17.603	178	1352	0.022	ng	99
28) Fluoranthene	19.527	202	2430	0.030	ng	97
30) Pyrene	19.889	202	2433	0.034	ng	# 92
32) Benzo(a)anthracene	21.637	228	1592	0.034	ng	94
33) Chrysene	21.691	228	1905	0.035	ng	96
34) Bis(2-ethylhexyl)phtha...	21.548	149	838	0.045	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.822	276	1879	0.041	ng	# 87
37) Benzo(b)fluoranthene	23.396	252	1991	0.040	ng	# 52
38) Benzo(k)fluoranthene	23.448	252	1695	0.033	ng	# 62
39) Benzo(a)pyrene	24.054	252	1583	0.045	ng	# 1
40) Dibenzo(a,h)anthracene	26.849	278	1432	0.039	ng	# 73
41) Benzo(g,h,i)perylene	27.641	276	1477	0.036	ng	# 82

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

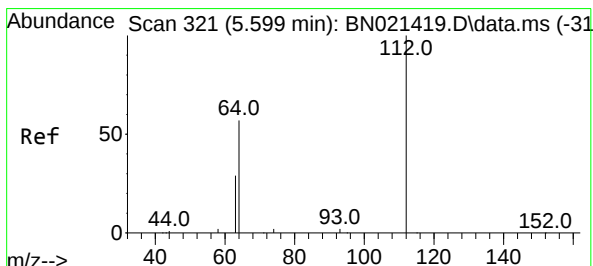
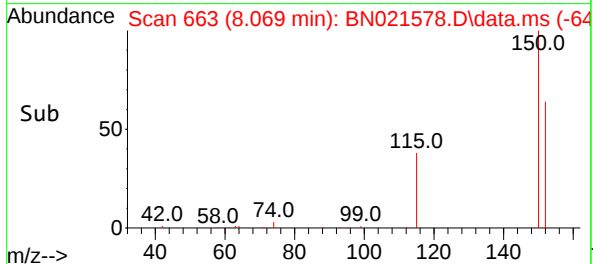
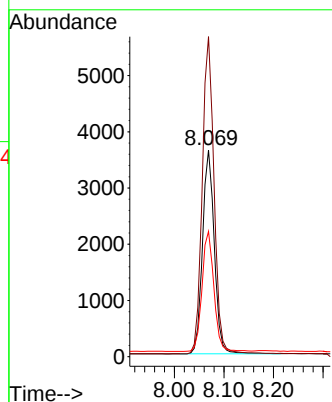


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021578.D
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BNA_N
ClientSampleId :
PB147412BL

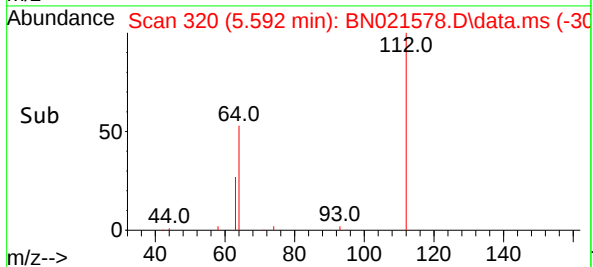
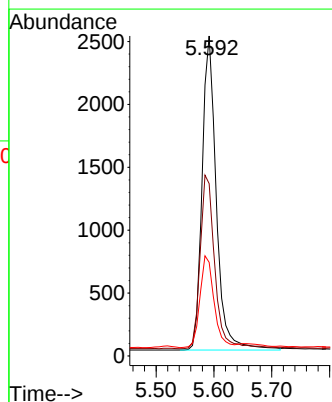
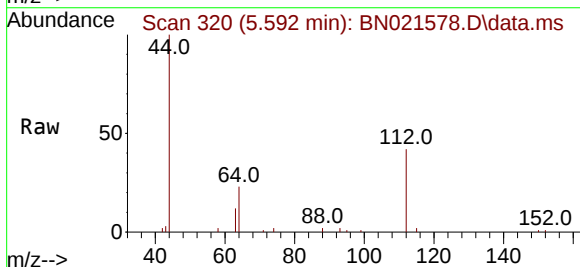


Tgt Ion:152 Resp: 5998
Ion Ratio Lower Upper
152 100
150 154.9 121.4 182.0
115 60.6 48.6 72.8



#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion:112 Resp: 4277
Ion Ratio Lower Upper
112 100
64 57.1 43.5 65.3
63 28.9 22.6 34.0

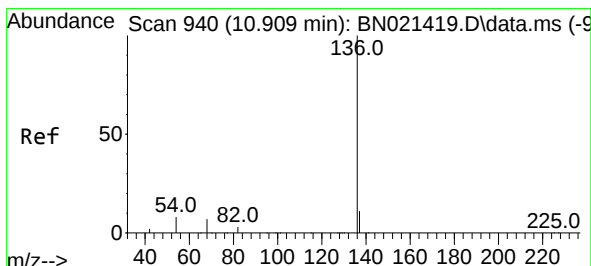
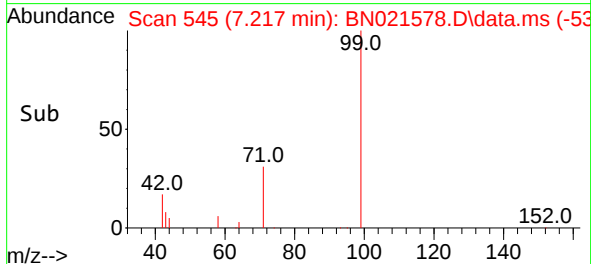
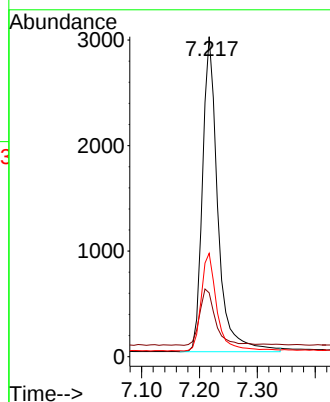
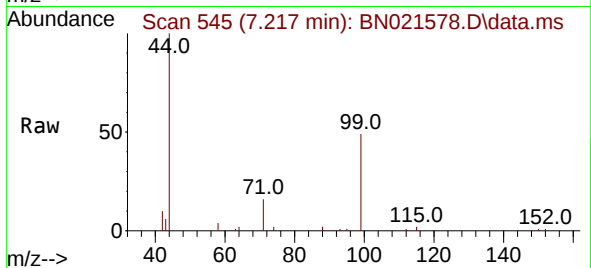




#5
Phenol-d6
Concen: 0.370 ng
RT: 7.217 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

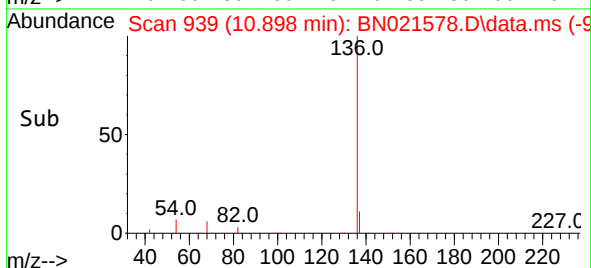
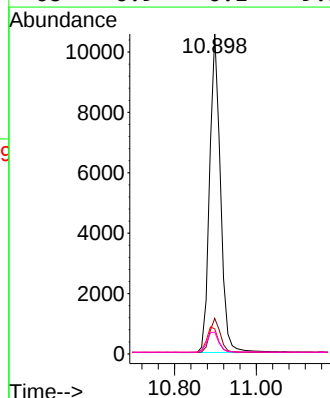
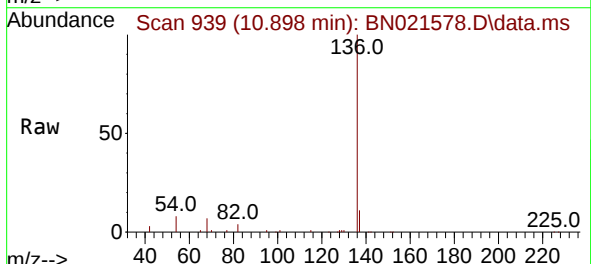
Instrument :
BNA_N
ClientSampleId :
PB147412BL

Tgt Ion:	99	Resp:	5535
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.5	23.3
71	31.7	24.2	36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021578.D
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Tgt Ion:	136	Resp:	19435
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.9	6.9	10.3
68	6.9	6.1	9.1

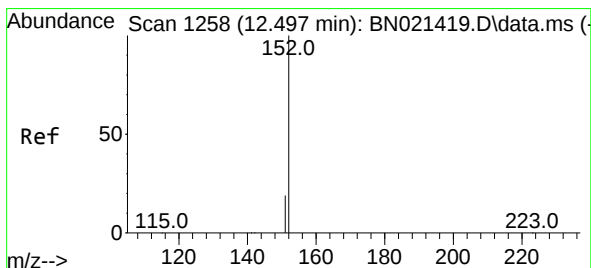
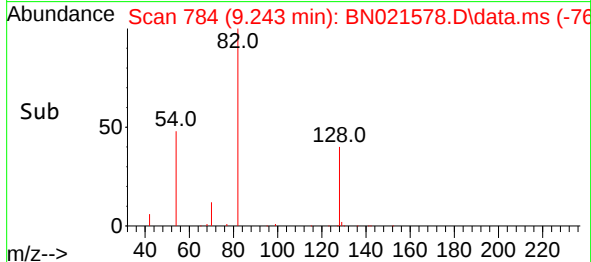
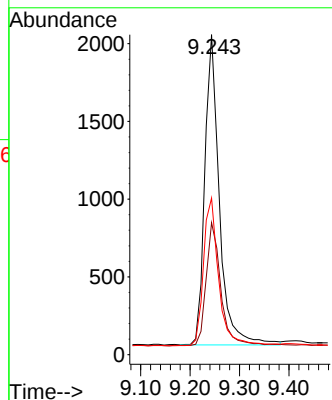
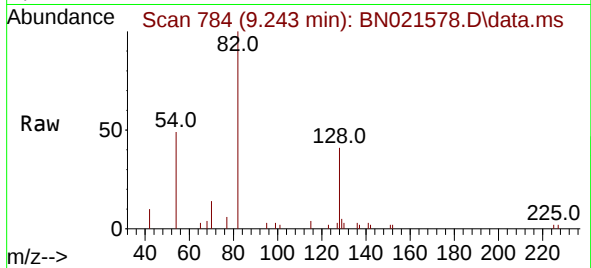




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 9.243 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

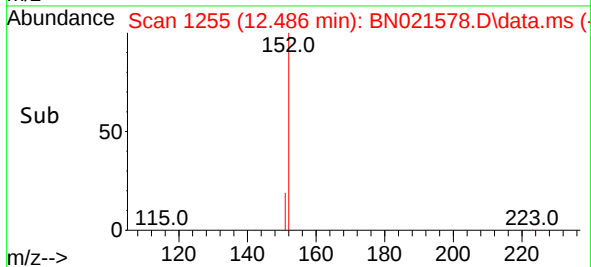
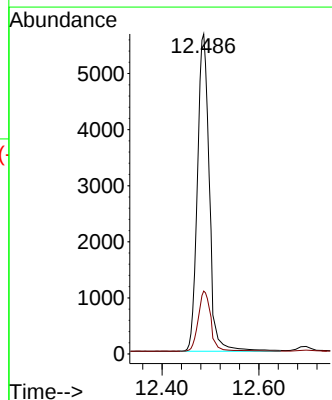
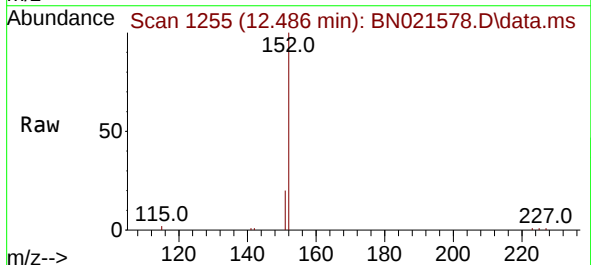
Instrument :
BNA_N
ClientSampleId :
PB147412BL

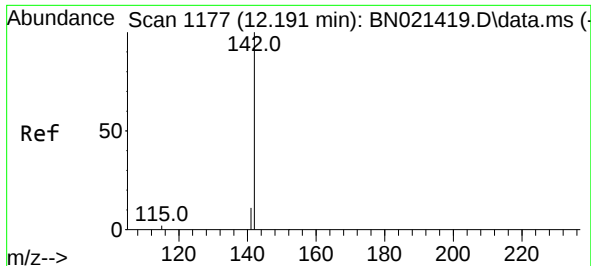
Tgt Ion: 82 Resp: 4084
Ion Ratio Lower Upper
82 100
128 41.3 30.9 46.3
54 48.9 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.486 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion: 152 Resp: 16258
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7

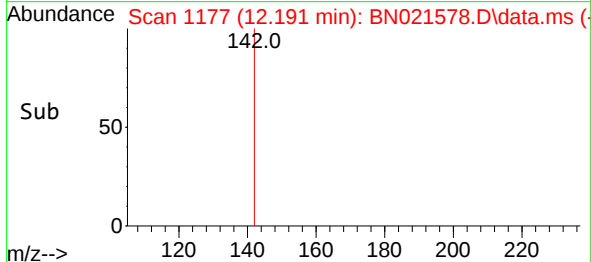
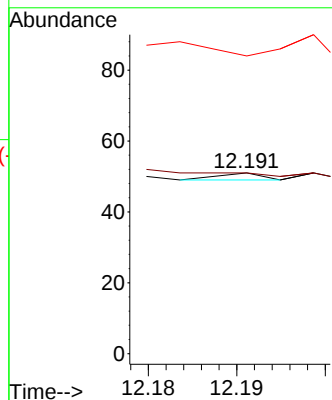
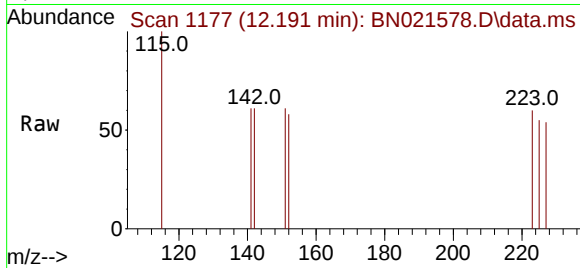




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.191 min Scan# 1177
Delta R.T. 0.008 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

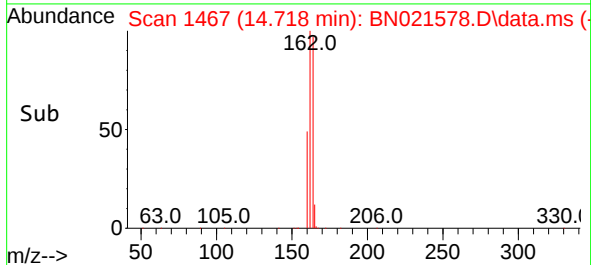
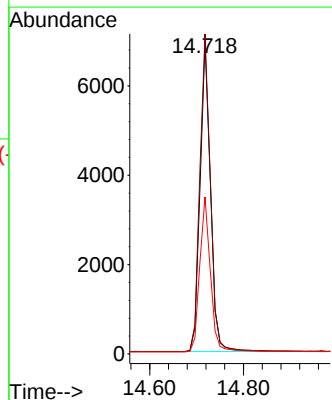
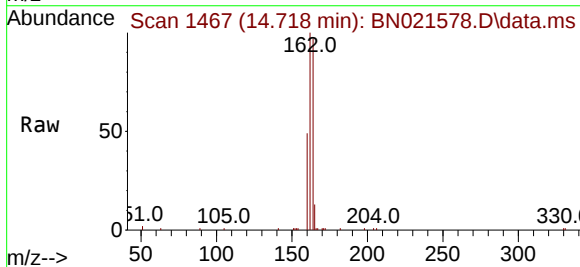
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ClientSampleId :
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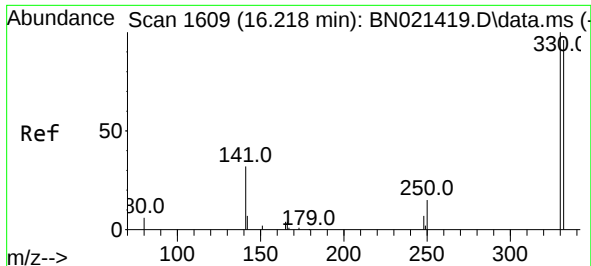
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 164.7 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

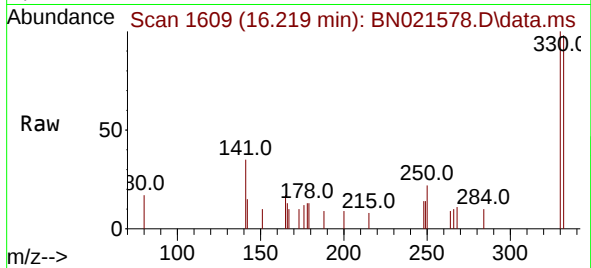
Tgt Ion:164 Resp: 10750
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.4
160 50.3 39.5 59.3



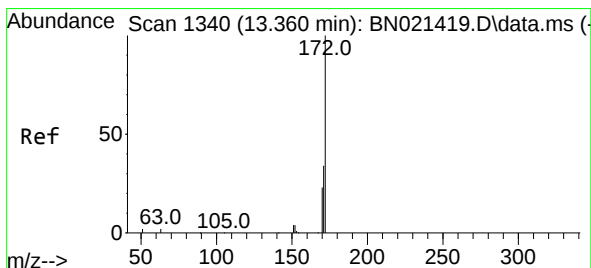
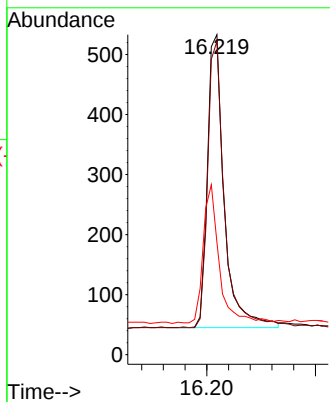
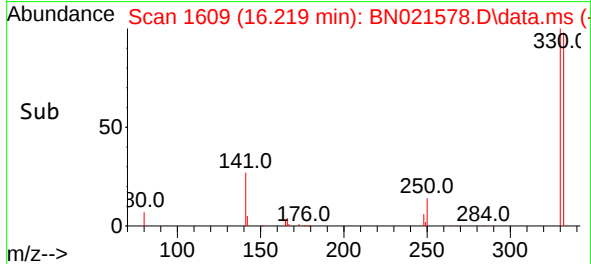


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 16.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

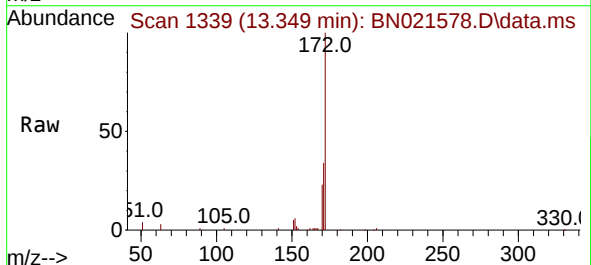
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ClientSampleId :
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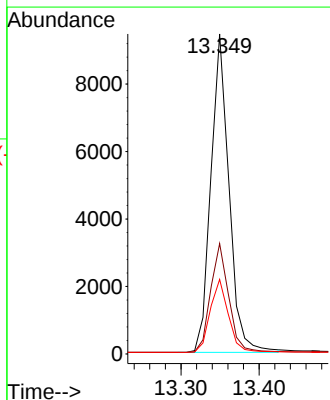
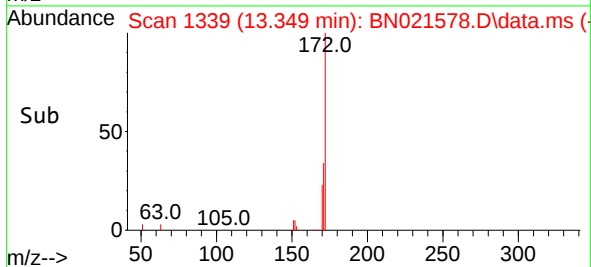
Tgt Ion:330 Resp: 1045
Ion Ratio Lower Upper
330 100
332 97.2 79.3 118.9
141 45.7 37.1 55.7

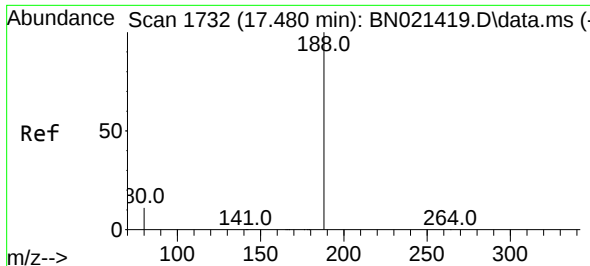


#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15



Tgt Ion:172 Resp: 15207
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.3 18.6 28.0

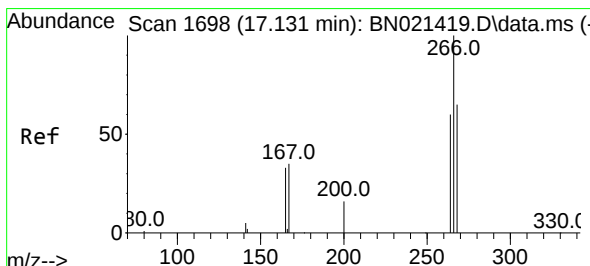
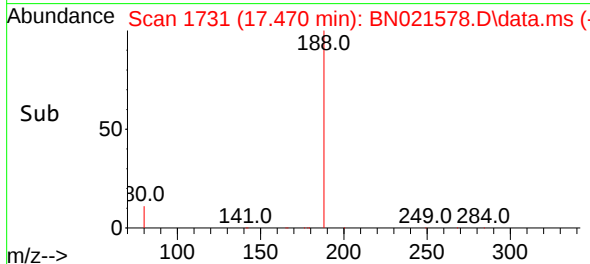
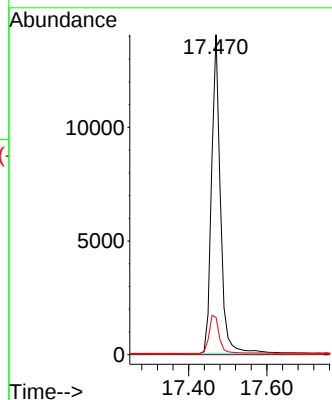
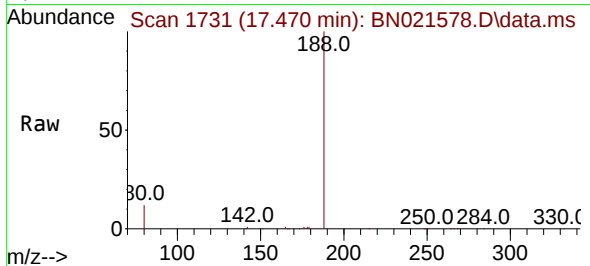




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

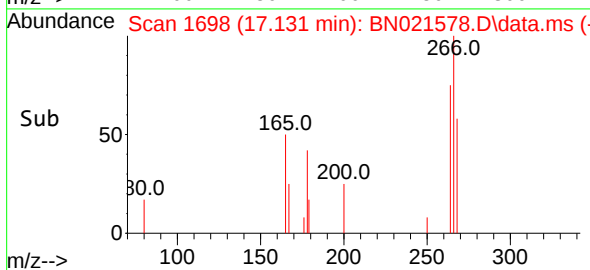
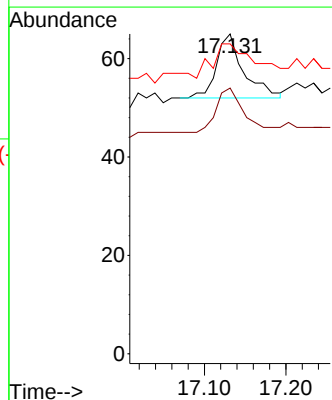
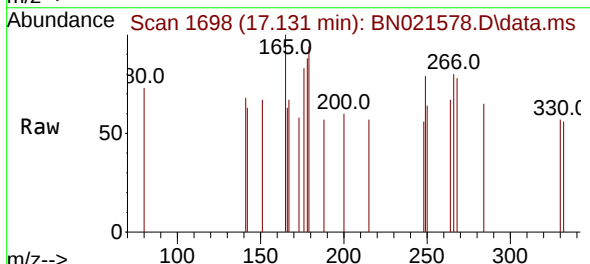
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ClientSampleId :
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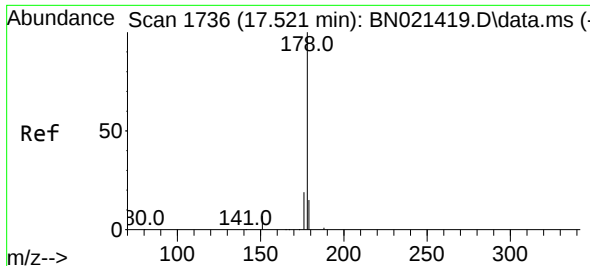
Tgt Ion:188 Resp: 22314
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.5 14.3



#24
Pentachlorophenol
Concen: 0.208 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.010 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 70.0 49.0 73.6
268 93.3 50.9 76.3#

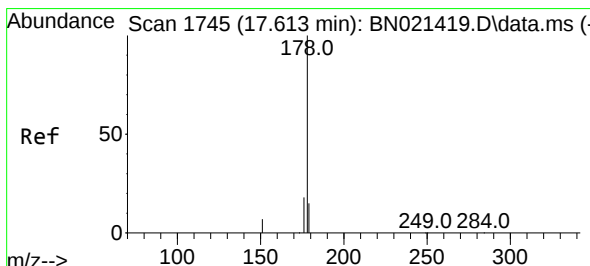
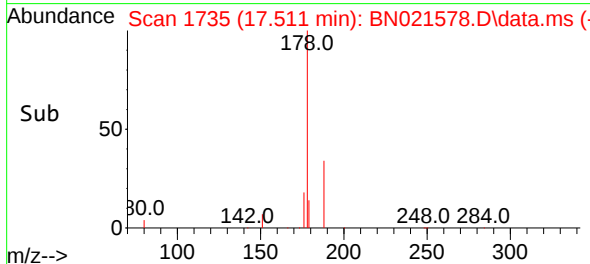
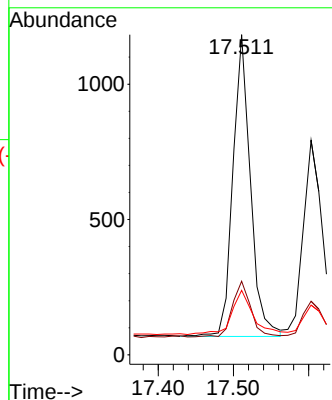
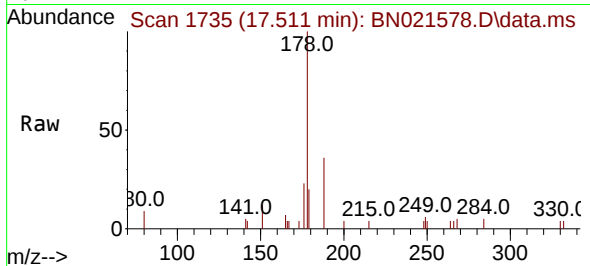




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

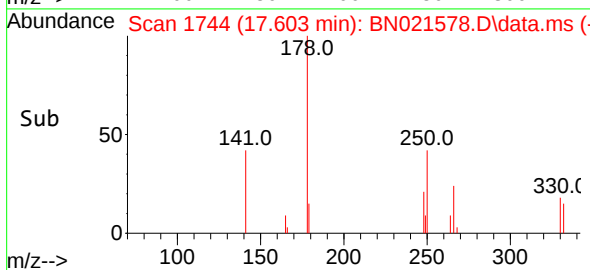
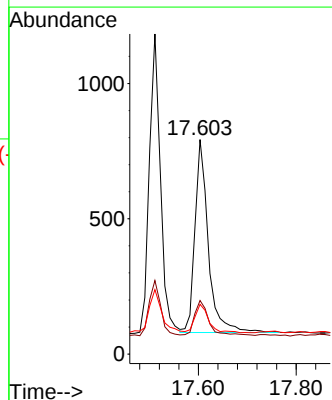
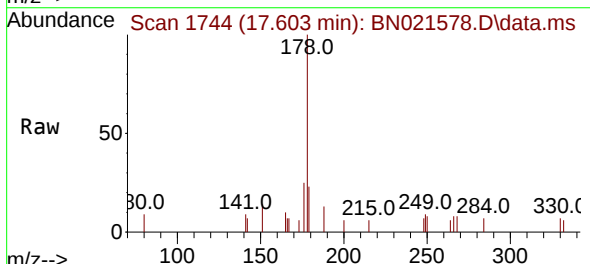
Instrument :
BNA_N
ClientSampleId :
PB147412BL

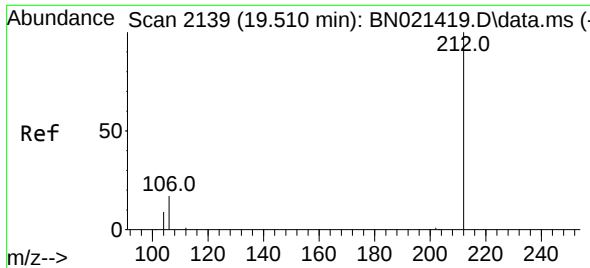
Tgt Ion:178 Resp: 1809
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 18.1 12.2 18.4



#26
Anthracene
Concen: 0.022 ng
RT: 17.603 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion:178 Resp: 1352
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 14.9 12.2 18.2

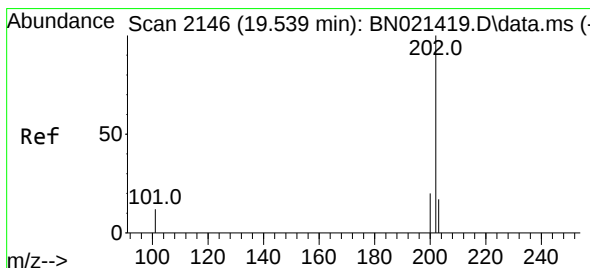
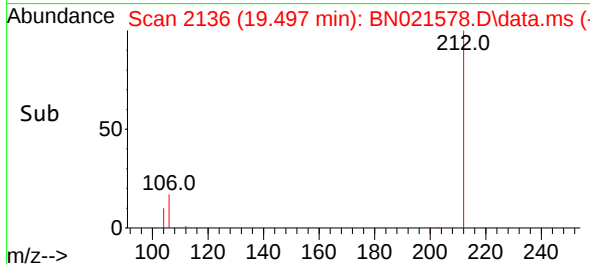
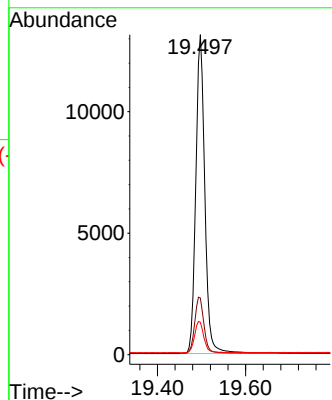
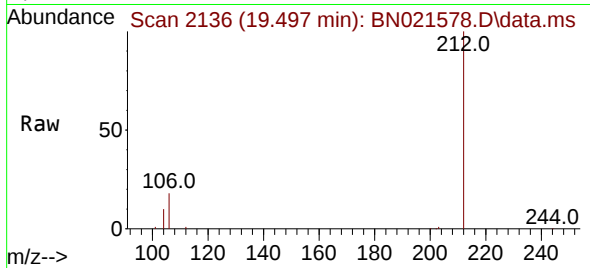




#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

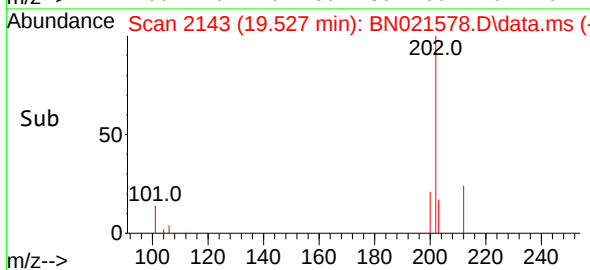
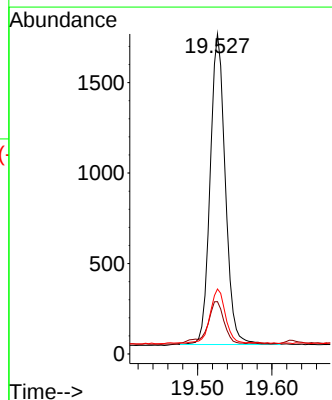
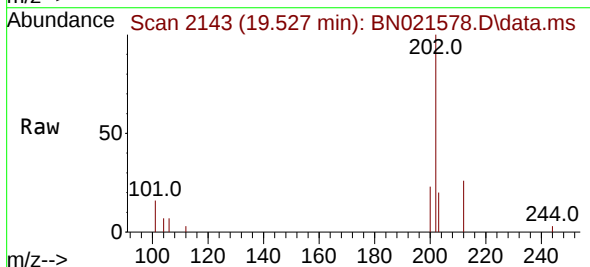
Instrument :
BNA_N
ClientSampleId :
PB147412BL

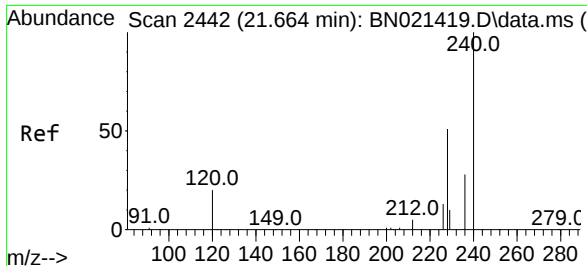
Tgt Ion:212 Resp: 18755
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.1 7.8 11.6



#28
Fluoranthene
Concen: 0.030 ng
RT: 19.527 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion:202 Resp: 2430
Ion Ratio Lower Upper
202 100
101 15.8 10.9 16.3
203 17.9 13.8 20.6

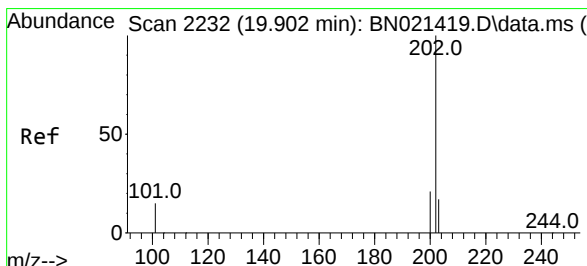
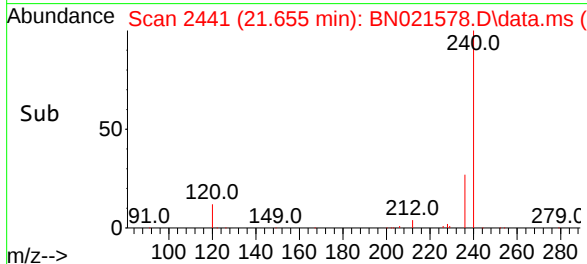
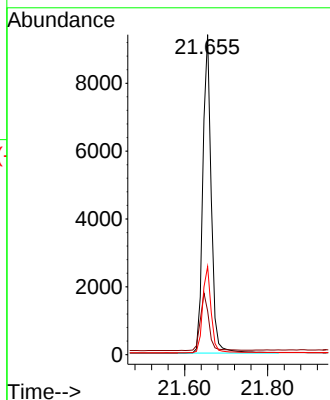
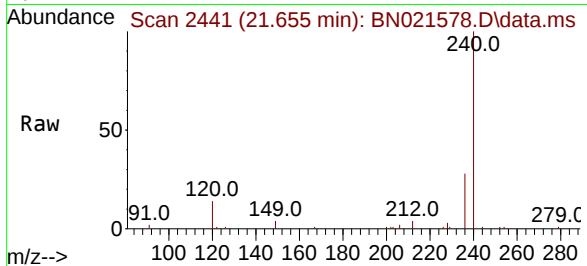




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

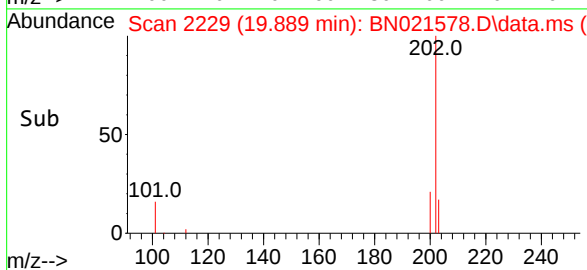
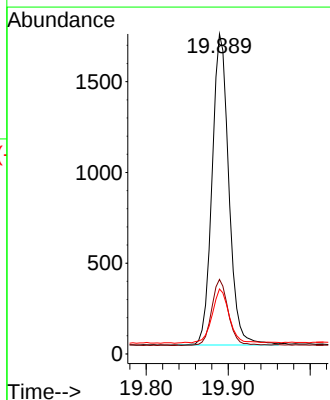
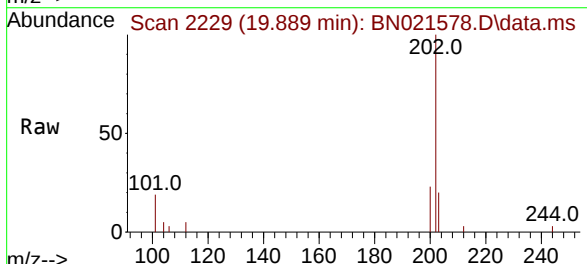
Instrument :
BNA_N
ClientSampleId :
PB147412BL

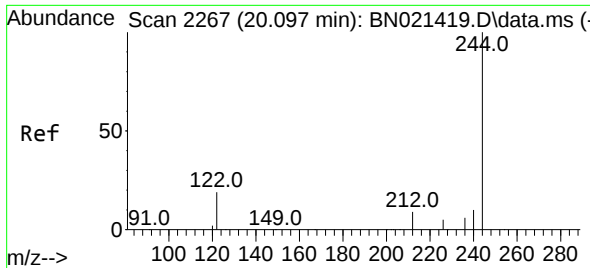
Tgt Ion:240 Resp: 13257
Ion Ratio Lower Upper
240 100
120 13.7 10.2 15.4
236 27.5 22.1 33.1



#30
Pyrene
Concen: 0.034 ng
RT: 19.889 min Scan# 2229
Delta R.T. -0.008 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion:202 Resp: 2433
Ion Ratio Lower Upper
202 100
200 21.0 13.9 20.9#
203 17.9 11.9 17.9#

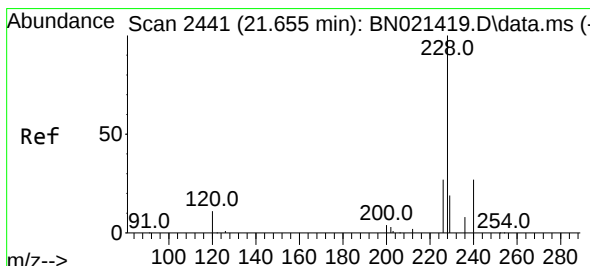
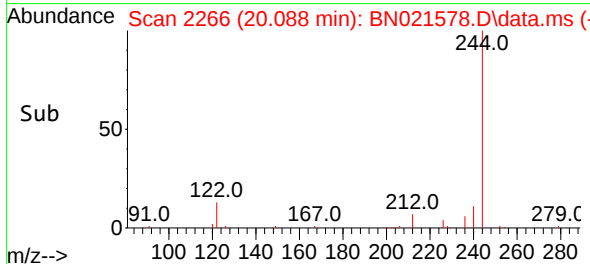
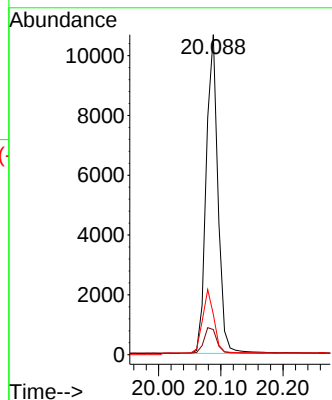
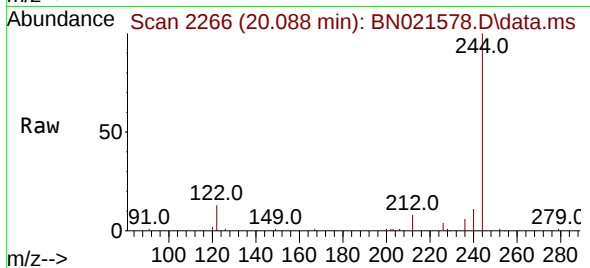




#31
 Terphenyl-d14
 Concen: 0.468 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021578.D
 Acq: 03 Sep 2022 03:15

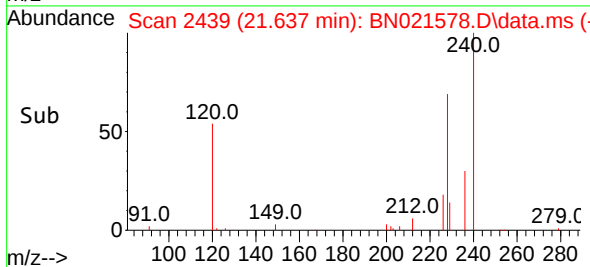
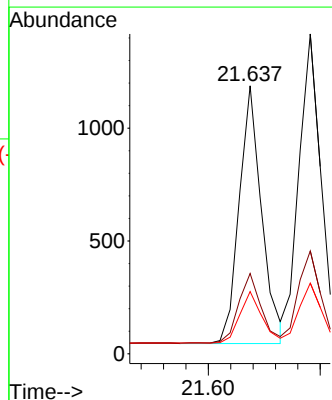
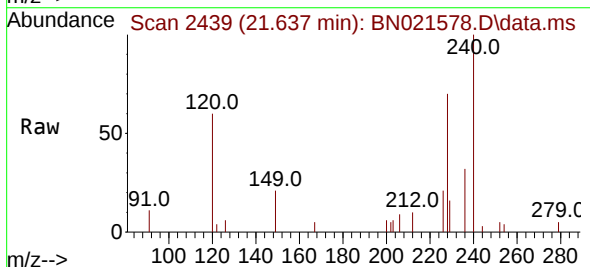
Instrument :
 BNA_N
 ClientSampleId :
 PB147412BL

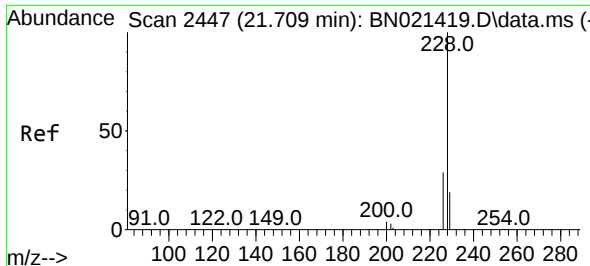
Tgt Ion:244 Resp: 13946
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 12.6 9.1 13.7



#32
 Benzo(a)anthracene
 Concen: 0.034 ng
 RT: 21.637 min Scan# 2439
 Delta R.T. -0.009 min
 Lab File: BN021578.D
 Acq: 03 Sep 2022 03:15

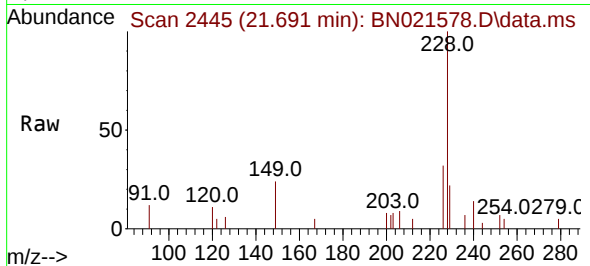
Tgt Ion:228 Resp: 1592
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.0 33.0
 229 23.2 15.9 23.9



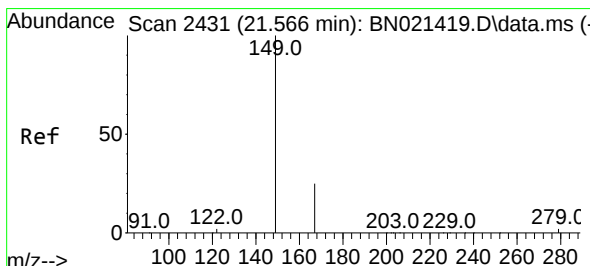
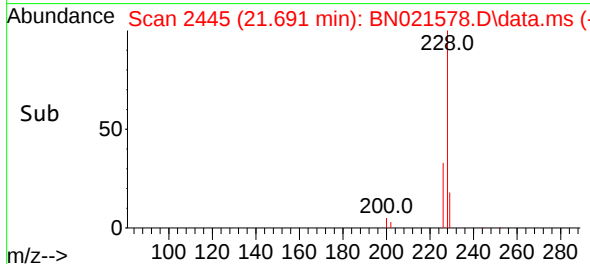
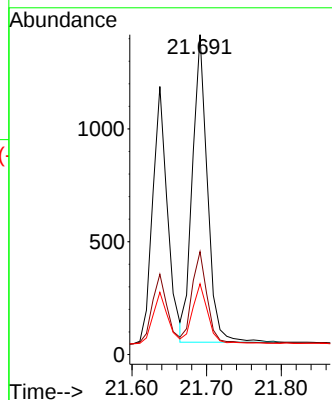


#33
Chrysene
Concen: 0.035 ng
RT: 21.691 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Instrument :
BNA_N
ClientSampleId :
PB147412BL

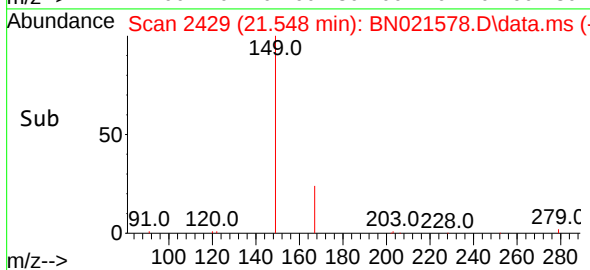
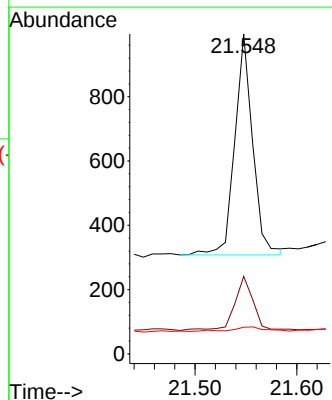
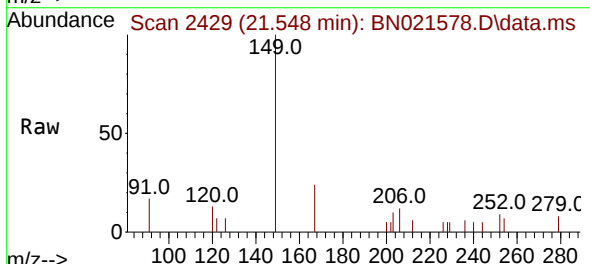


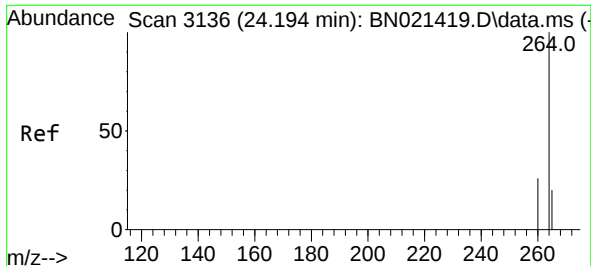
Tgt Ion:228 Resp: 1905
Ion Ratio Lower Upper
228 100
226 32.2 24.2 36.2
229 22.1 15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.548 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

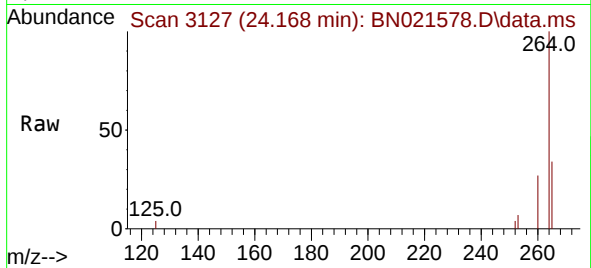
Tgt Ion:149 Resp: 838
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.0
279 3.7 2.2 3.2#



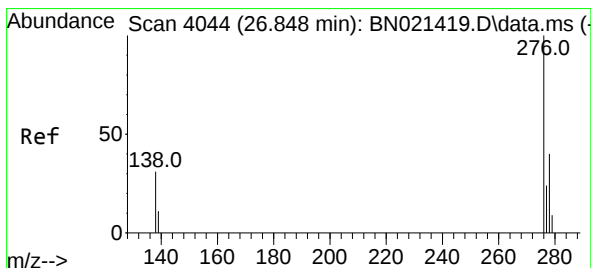
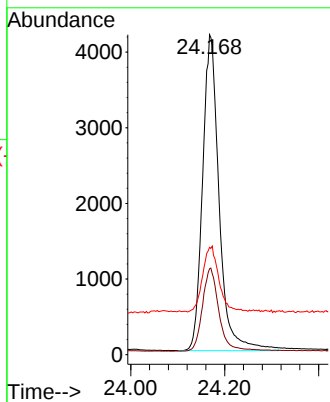
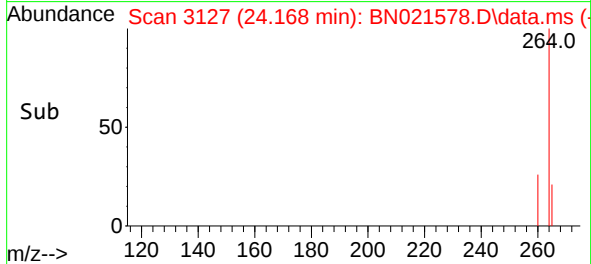


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.168 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Instrument :
BNA_N
ClientSampleId :
PB147412BL

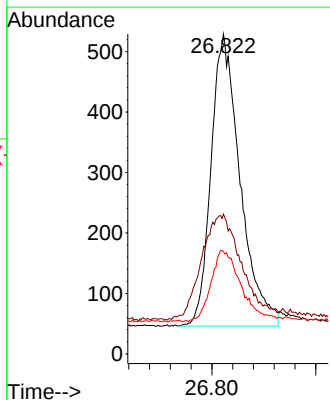
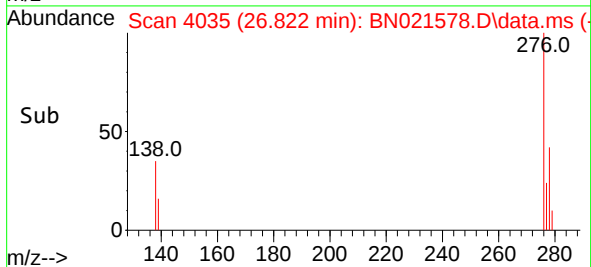
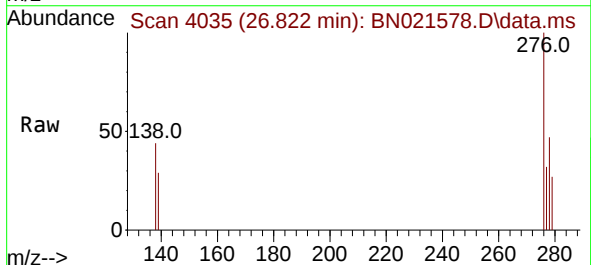


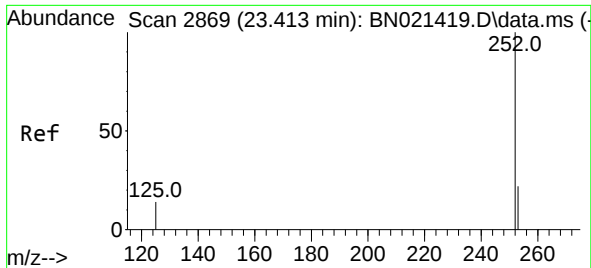
Tgt Ion:264 Resp: 10213
Ion Ratio Lower Upper
264 100
260 26.8 21.0 31.6
265 33.6 32.2 48.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng
RT: 26.822 min Scan# 4035
Delta R.T. -0.017 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

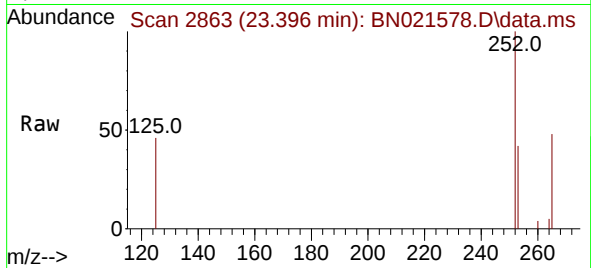
Tgt Ion:276 Resp: 1879
Ion Ratio Lower Upper
276 100
138 46.8 27.4 41.2#
277 25.4 19.9 29.9



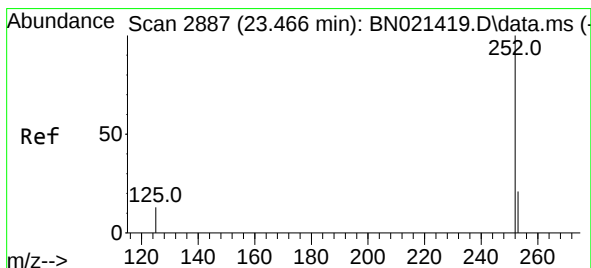
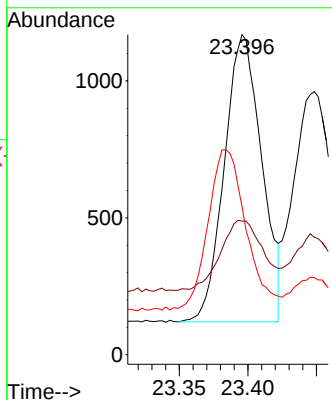


#37
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 23.396 min Scan# 2863
Delta R.T. -0.012 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Instrument :
BNA_N
ClientSampleId :
PB147412BL

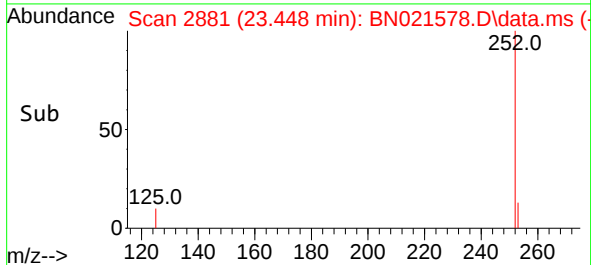
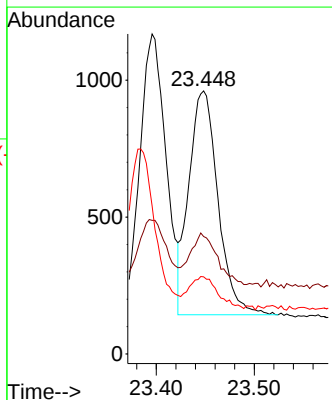
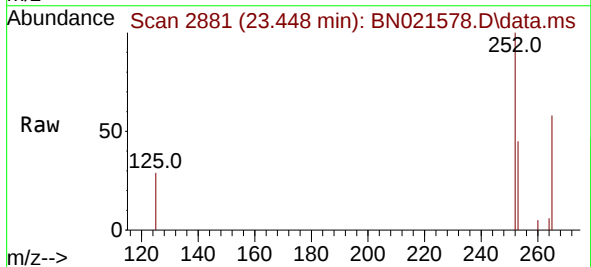


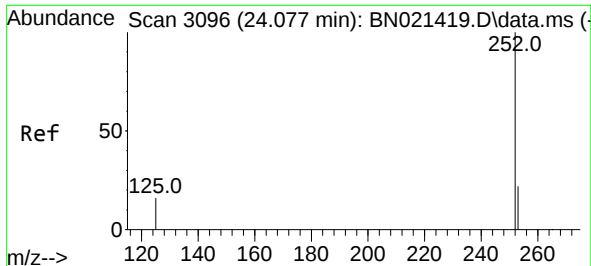
Tgt Ion:252 Resp: 1991
Ion Ratio Lower Upper
252 100
253 41.7 19.8 29.6#
125 46.3 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 23.448 min Scan# 2881
Delta R.T. -0.012 min
Lab File: BN021578.D
Acq: 03 Sep 2022 03:15

Tgt Ion:252 Resp: 1695
Ion Ratio Lower Upper
252 100
253 44.6 19.5 29.3#
125 29.3 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.045 ng

RT: 24.054 min Scan# 3096

Delta R.T. -0.014 min

Lab File: BN021578.D

Acq: 03 Sep 2022 03:15

Instrument :

BNA_N

ClientSampleId :

PB147412BL

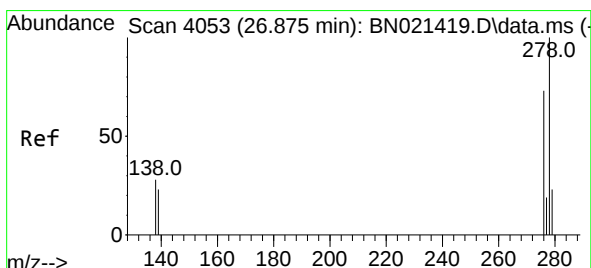
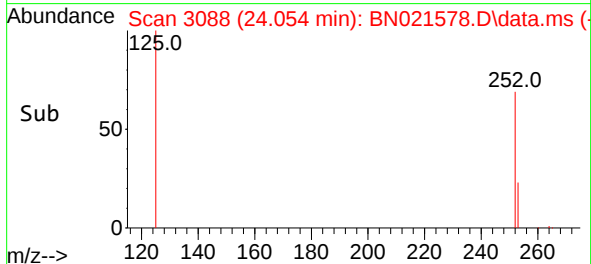
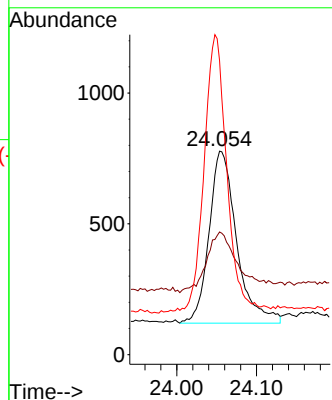
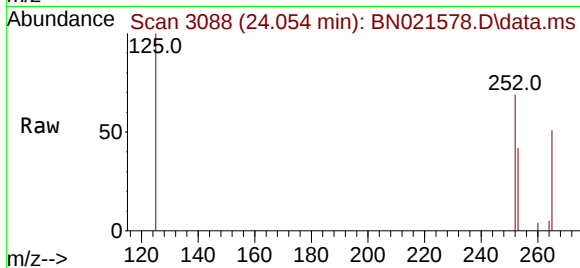
Tgt Ion:252 Resp: 1583

Ion Ratio Lower Upper

252 100

253 60.3 21.1 31.7#

125 144.5 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.039 ng

RT: 26.849 min Scan# 4044

Delta R.T. -0.009 min

Lab File: BN021578.D

Acq: 03 Sep 2022 03:15

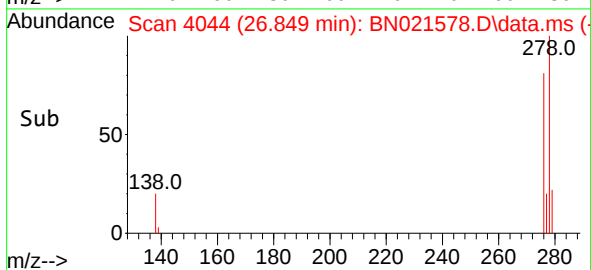
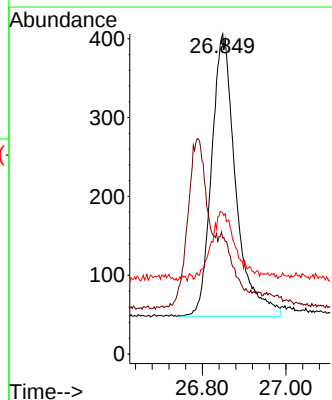
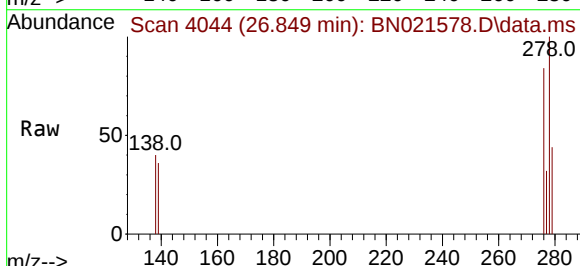
Tgt Ion:278 Resp: 1432

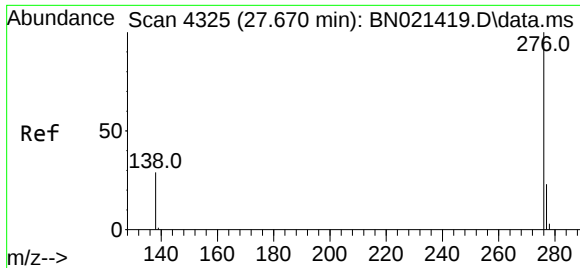
Ion Ratio Lower Upper

278 100

139 36.2 21.8 32.6#

279 44.1 20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.036 ng

RT: 27.641 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN021578.D

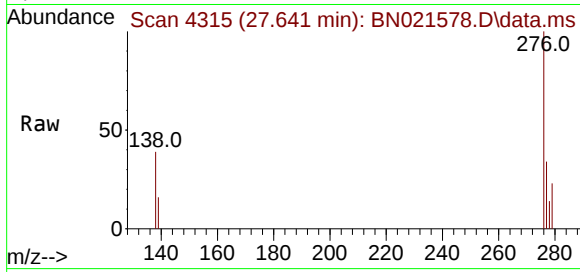
Acq: 03 Sep 2022 03:15

Instrument :

BNA_N

ClientSampleId :

PB147412BL



Tgt Ion:276 Resp: 1477

Ion Ratio Lower Upper

276 100

277 34.3 19.7 29.5#

138 38.5 23.7 35.5#

