

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
 Data File : BN019401.D
 Acq On : 08 Apr 2022 22:48
 Operator : CG/JU
 Sample : N2333-04 4X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-9

Quant Time: Apr 11 04:11:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

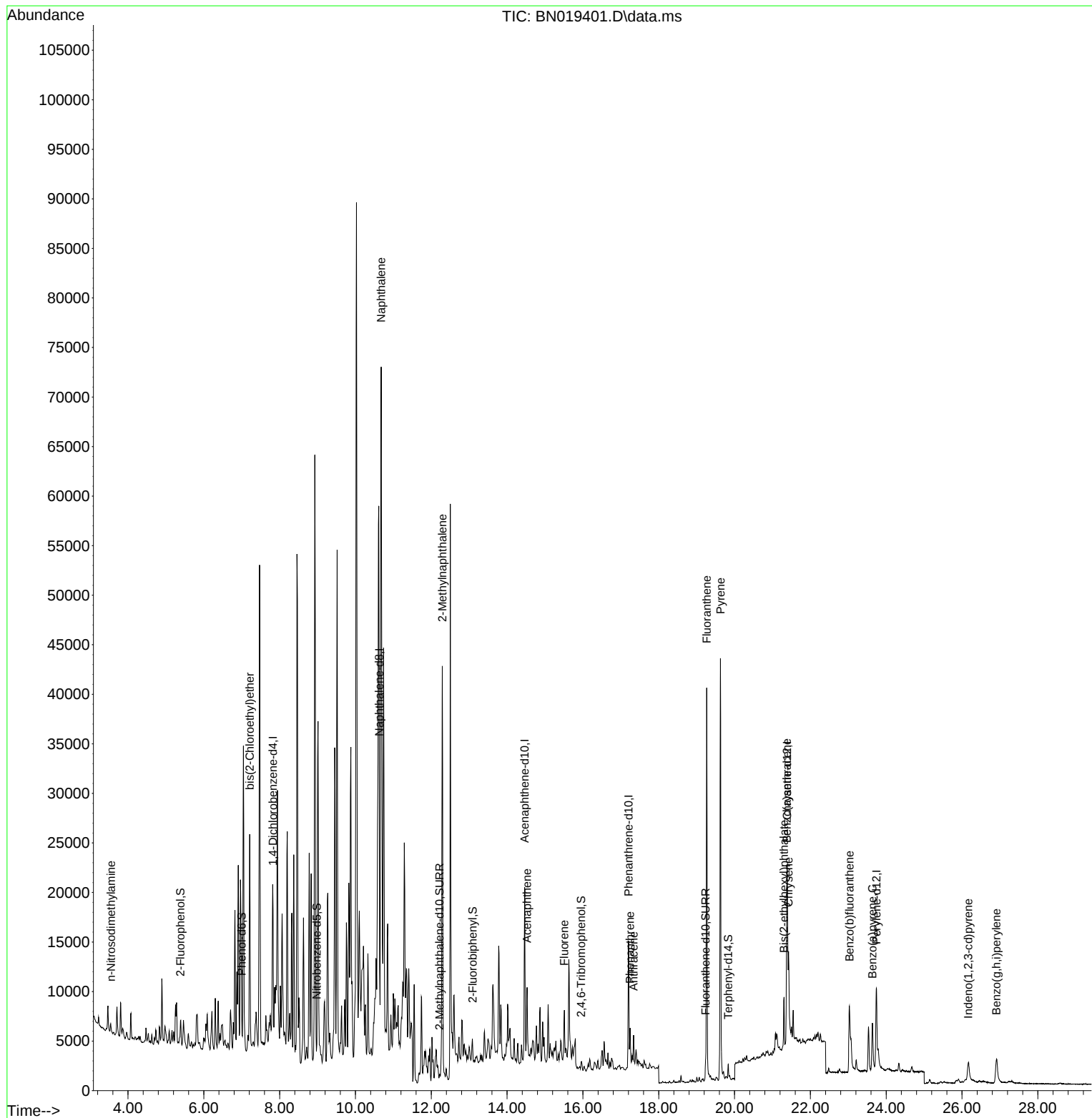
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4285	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12665	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	9015	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	18286	0.400	ng	0.00
29) Chrysene-d12	21.386	240	16104	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	14030	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	278	0.024	ng	0.00
5) Phenol-d6	7.002	99	308	0.022	ng	0.01
8) Nitrobenzene-d5	8.982	82	637	0.055	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	778	0.035	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	205	0.037	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	1273	0.034	ng	0.00
27) Fluoranthene-d10	19.236	212	2460	0.042	ng	0.00
31) Terphenyl-d14	19.834	244	1621	0.046	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.550	42	155	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	7.212	93	1427	0.103	ng	# 1
9) Naphthalene	10.680	128	52666	1.409	ng	# 76
12) 2-Methylnaphthalene	12.291	142	29019	1.120	ng	96
17) Acenaphthene	14.527	154	3467	0.117	ng	93
18) Fluorene	15.511	166	3298	0.084	ng	# 93
25) Phenanthrene	17.246	178	4182	0.068	ng	# 90
26) Anthracene	17.338	178	3432	0.064	ng	# 93
28) Fluoranthene	19.265	202	36582	0.503	ng	99
30) Pyrene	19.628	202	40012	0.534	ng	# 96
32) Benzo(a)anthracene	21.377	228	10971	0.184	ng	# 92
33) Chrysene	21.422	228	9853	0.149	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.306	149	5098	0.115	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.167	276	4814	0.082	ng	# 82
37) Benzo(b)fluoranthene	23.030	252	12033	0.219	ng	# 82
39) Benzo(a)pyrene	23.635	252	7367	0.149	ng	# 71
41) Benzo(g,h,i)perylene	26.910	276	6792	0.125	ng	93

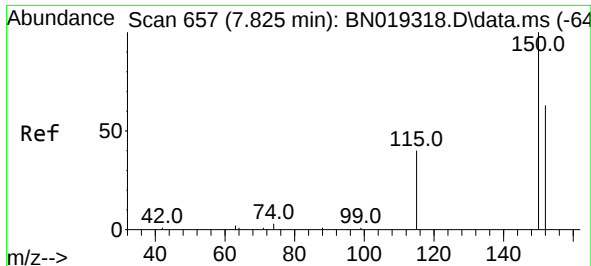
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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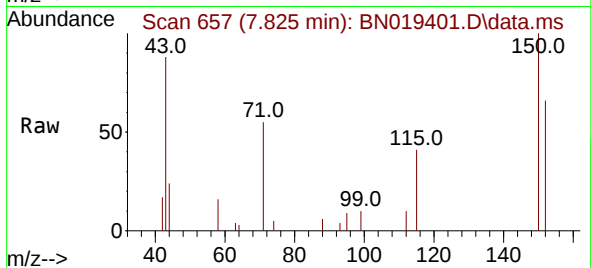
Quant Time: Apr 11 04:11:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
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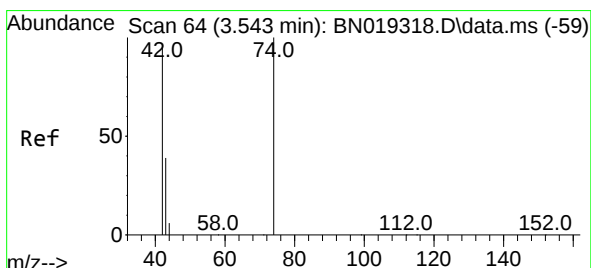
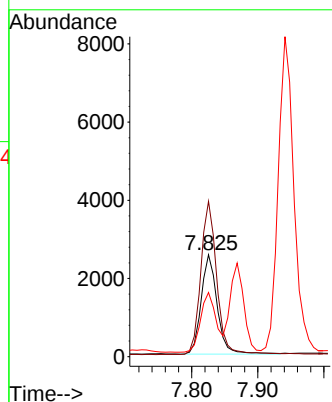
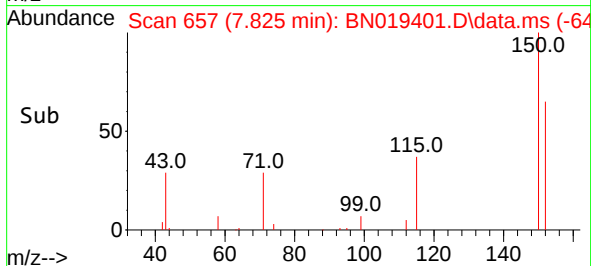


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

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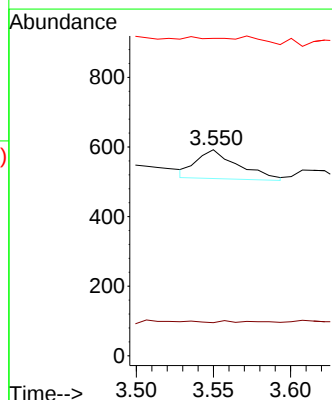
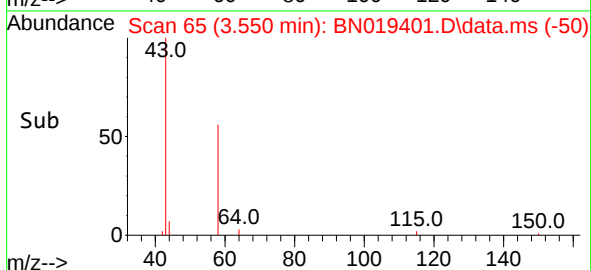
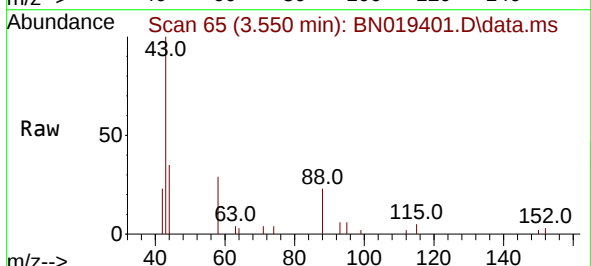


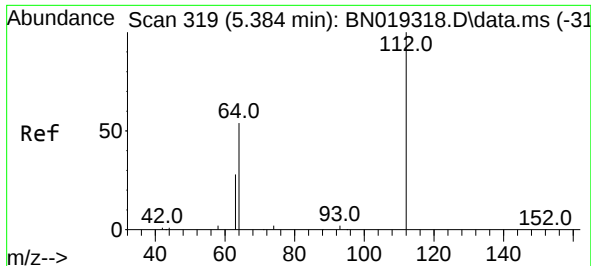
Tgt Ion:152 Resp: 4285
Ion Ratio Lower Upper
152 100
150 152.5 123.9 185.9
115 63.0 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.550 min Scan# 65
Delta R.T. 0.007 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion: 42 Resp: 155
Ion Ratio Lower Upper
42 100
74 3.9 96.9 145.3#
44 0.0 7.3 10.9#

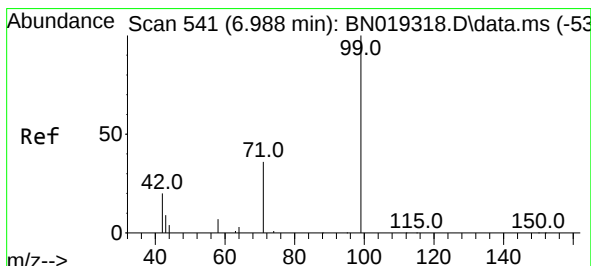
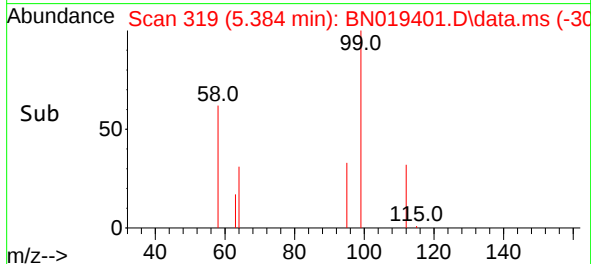
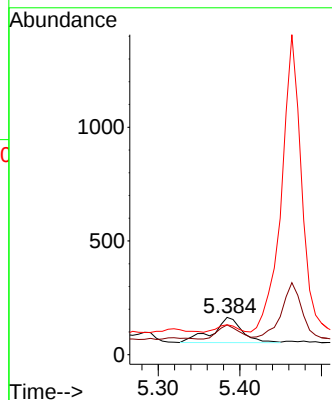
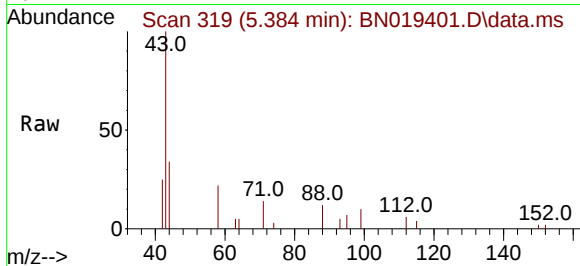




#4
2-Fluorophenol
Concen: 0.024 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

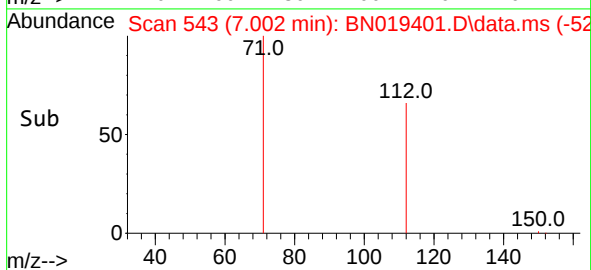
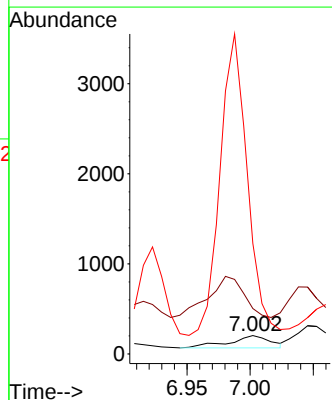
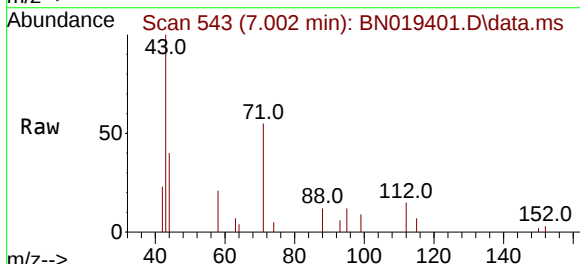
Instrument :
BNA_N
ClientSampleId :
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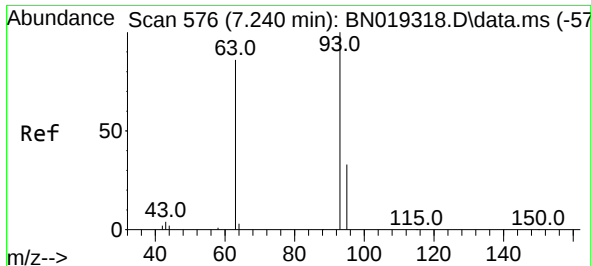
Tgt Ion: 112 Resp: 278
Ion Ratio Lower Upper
112 100
64 39.6 47.8 71.8#
63 0.0 25.7 38.5#



#5
Phenol-d6
Concen: 0.022 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.014 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion: 99 Resp: 308
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#

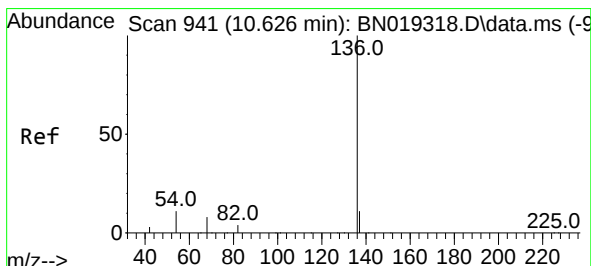
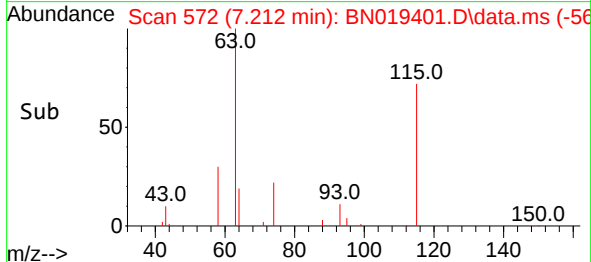
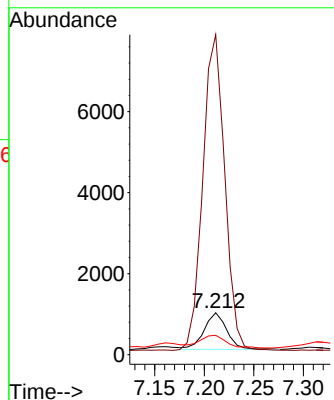
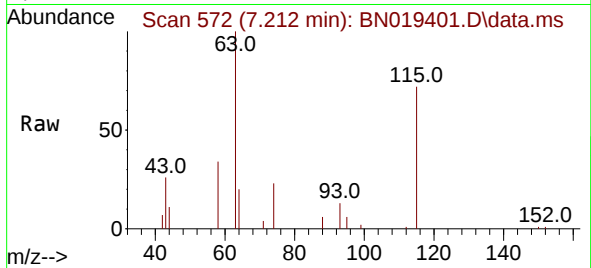




#6
bis(2-Chloroethyl)ether
Concen: 0.103 ng
RT: 7.212 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

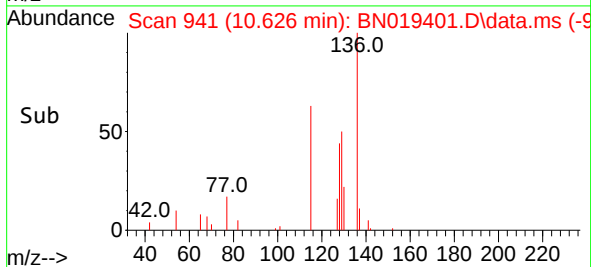
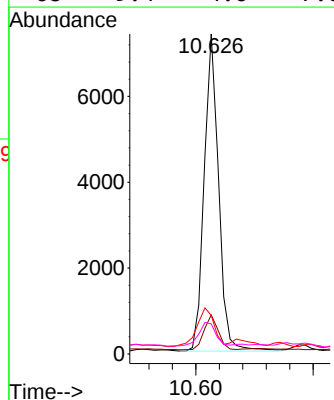
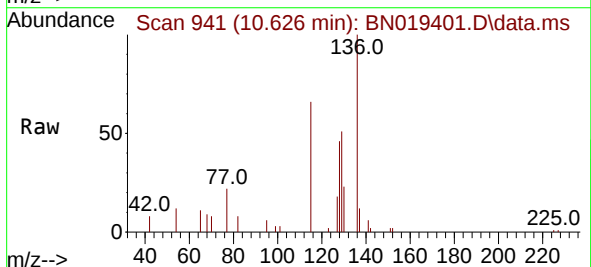
Instrument :
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ClientSampleId :
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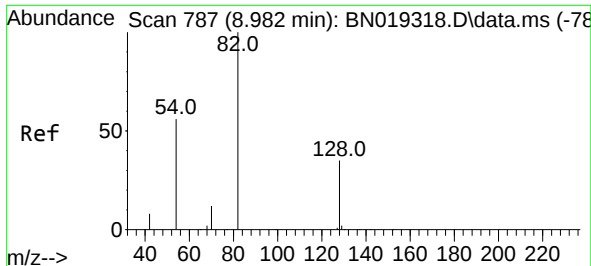
Tgt Ion: 93 Resp: 1427
Ion Ratio Lower Upper
93 100
63 840.1 62.8 94.2#
95 39.0 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion: 136 Resp: 12665
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.4
54 12.0 5.8 8.6#
68 9.4 4.6 7.0#

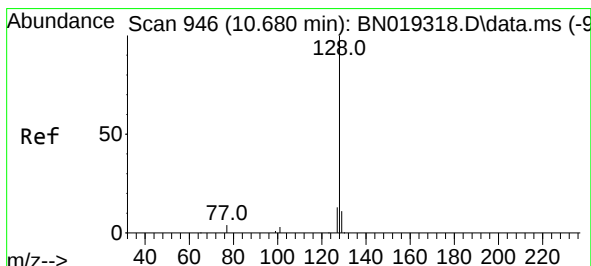
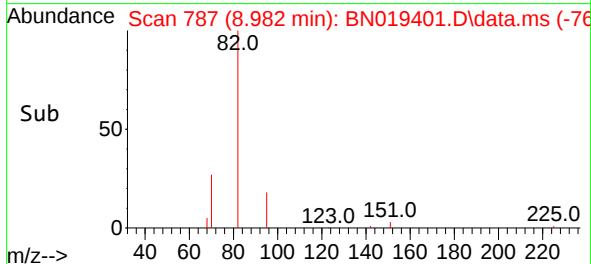
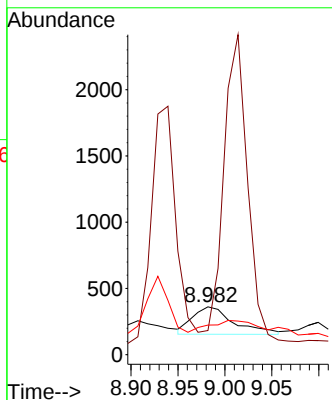
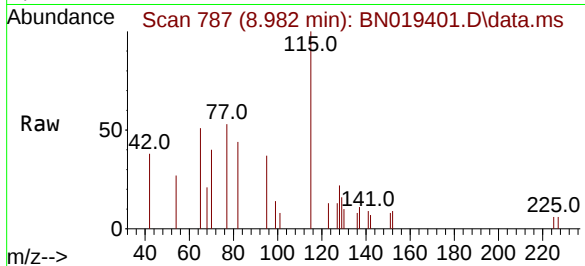




#8
Nitrobenzene-d5
Concen: 0.055 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

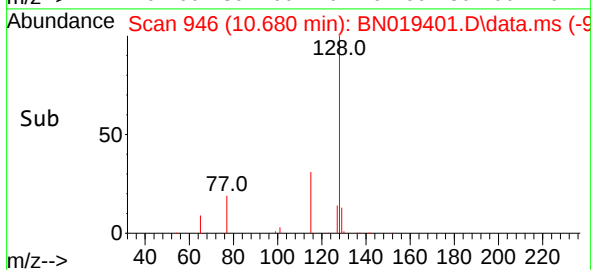
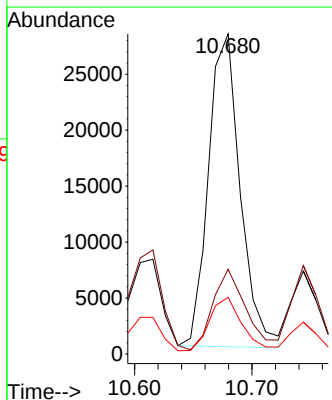
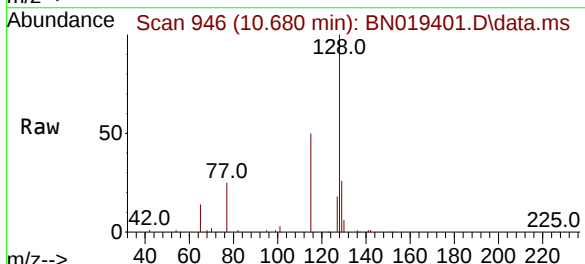
Instrument :
BNA_N
ClientSampleId :
MW-9

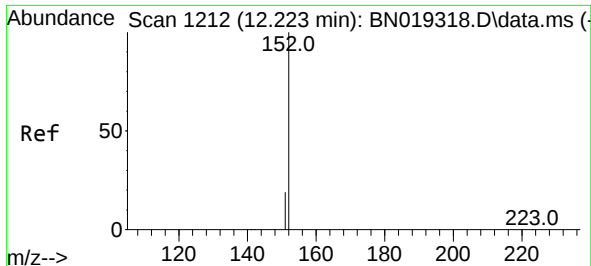
Tgt Ion: 82 Resp: 637
Ion Ratio Lower Upper
82 100
128 50.6 33.0 49.6#
54 61.9 42.5 63.7



#9
Naphthalene
Concen: 1.409 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion: 128 Resp: 52666
Ion Ratio Lower Upper
128 100
129 26.5 9.0 13.4#
127 17.7 10.7 16.1#

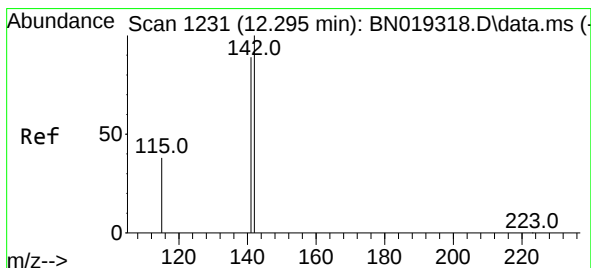
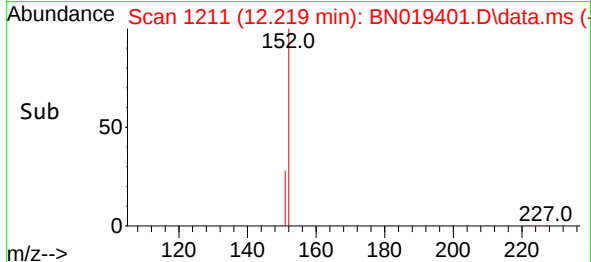
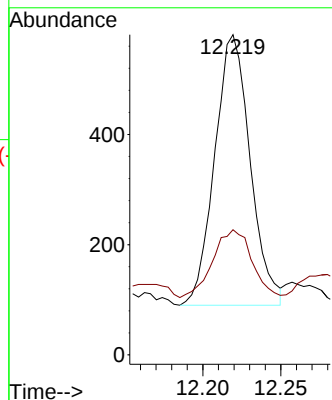
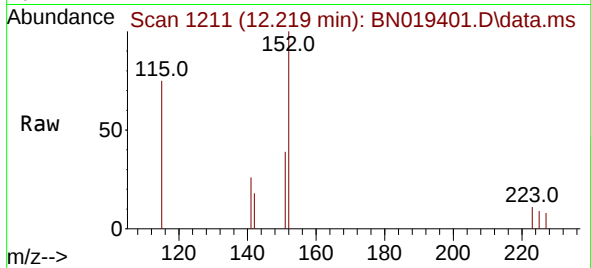




#11
2-Methylnaphthalene-d10
Concen: 0.035 ng
RT: 12.219 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

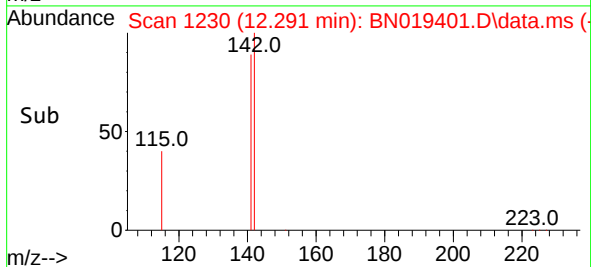
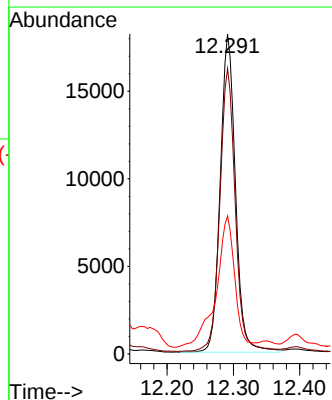
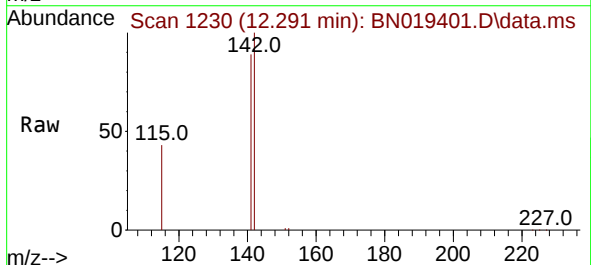
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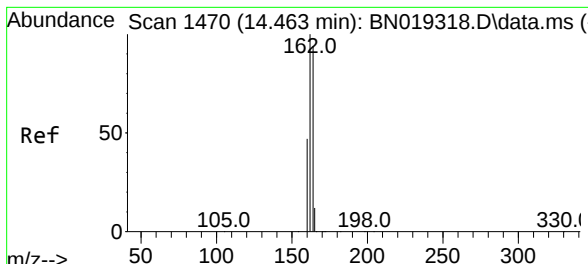
Tgt Ion:152 Resp: 778
Ion Ratio Lower Upper
152 100
151 32.4 16.5 24.7#



#12
2-Methylnaphthalene
Concen: 1.120 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:142 Resp: 29019
Ion Ratio Lower Upper
142 100
141 89.2 70.0 105.0
115 43.1 29.8 44.8

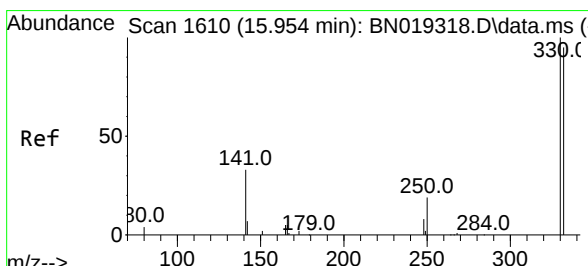
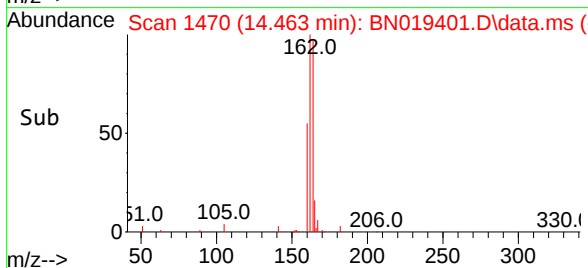
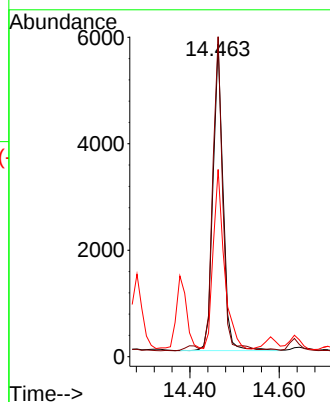
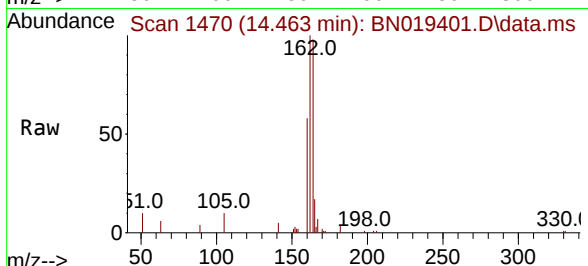




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

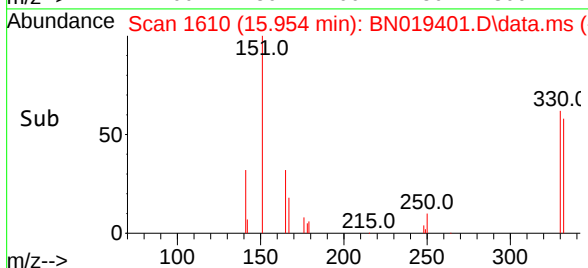
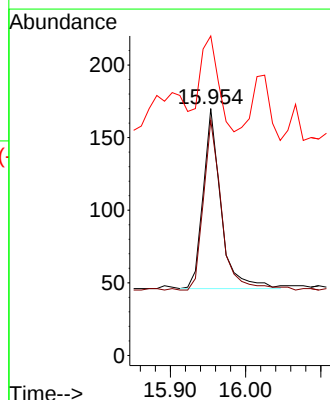
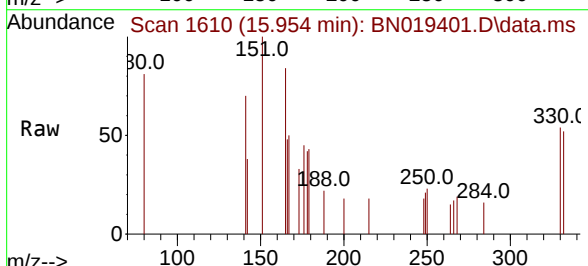
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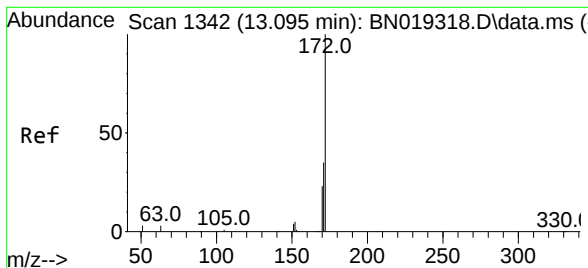
Tgt Ion:	164	Resp:	9015
Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.2	127.8
160	59.9	41.5	62.3



#14
2,4,6-Tribromophenol
Concen: 0.037 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:	330	Resp:	205
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	54.1	32.2	48.2

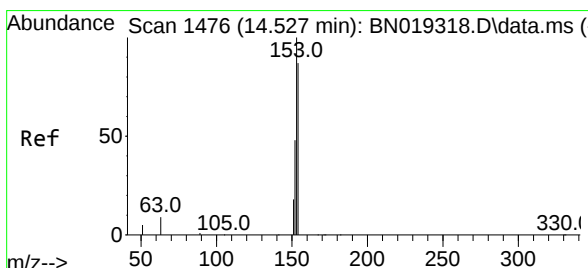
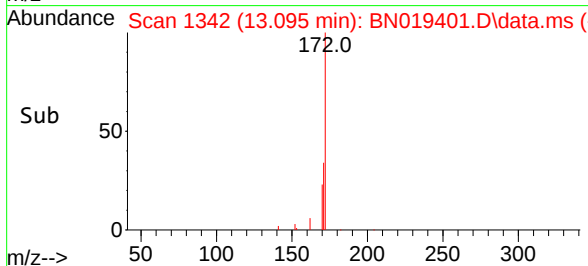
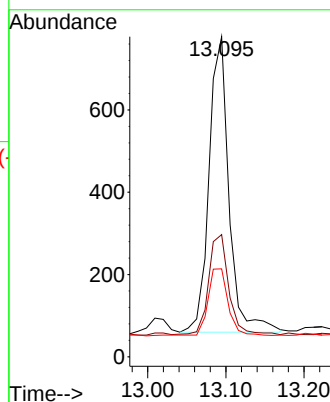
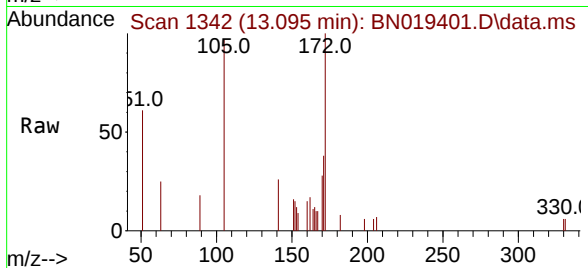




#15
2-Fluorobiphenyl
Concen: 0.034 ng
RT: 13.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

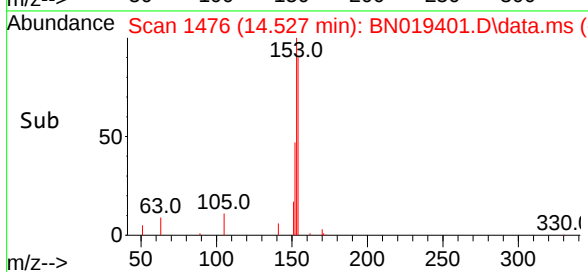
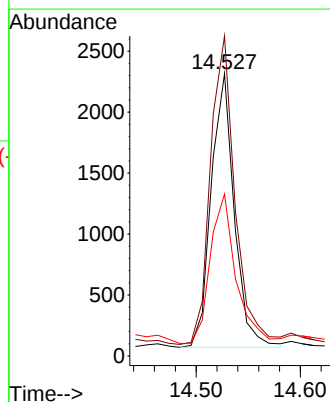
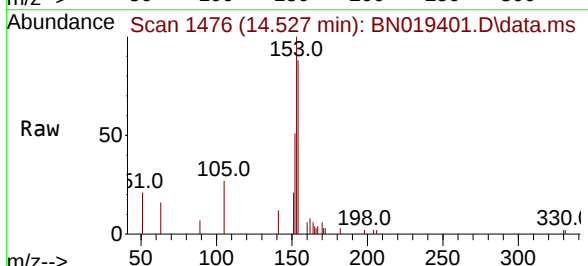
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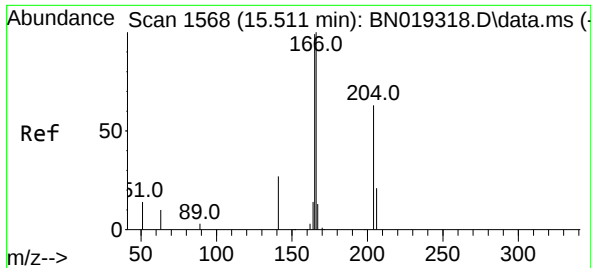
Tgt Ion:	172	Resp:	1273
Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.2	42.2
170	27.5	18.7	28.1



#17
Acenaphthene
Concen: 0.117 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:	154	Resp:	3467
Ion	Ratio	Lower	Upper
154	100		
153	119.8	89.7	134.5
152	60.9	44.7	67.1

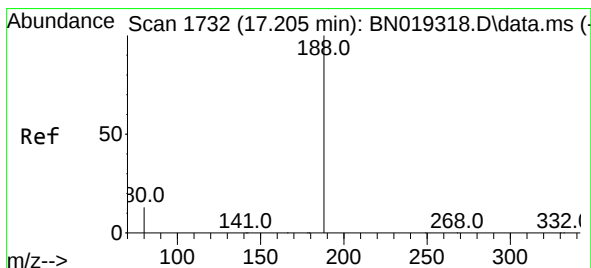
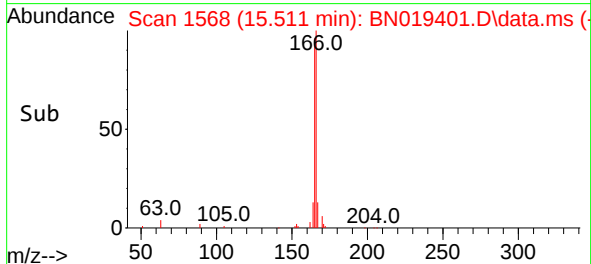
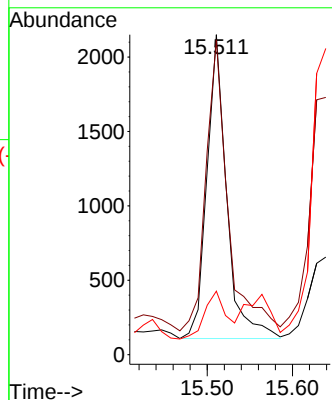
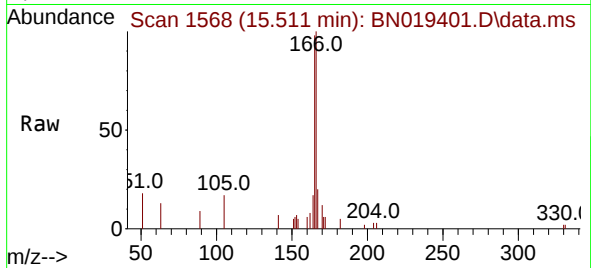




#18
Fluorene
Concen: 0.084 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

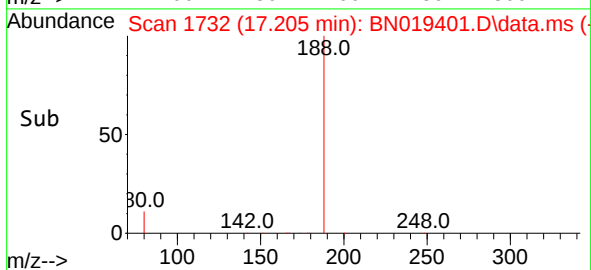
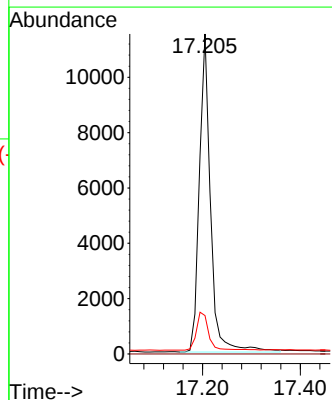
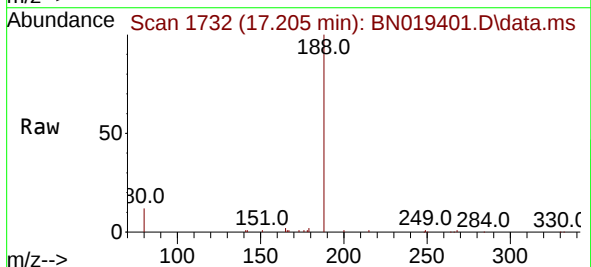
Instrument :
BNA_N
ClientSampleId :
MW-9

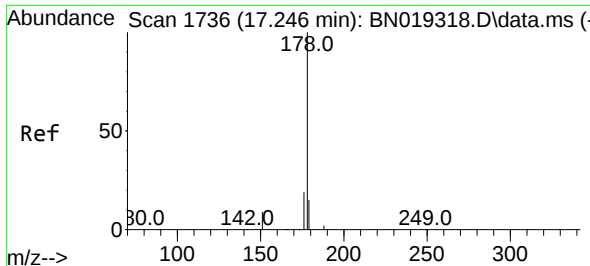
Tgt Ion:166 Resp: 3298
Ion Ratio Lower Upper
166 100
165 105.1 79.2 118.8
167 17.3 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:188 Resp: 18286
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 11.8 17.8

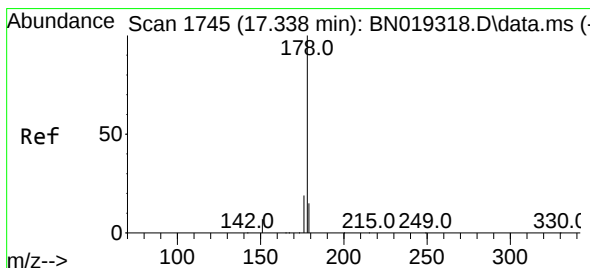
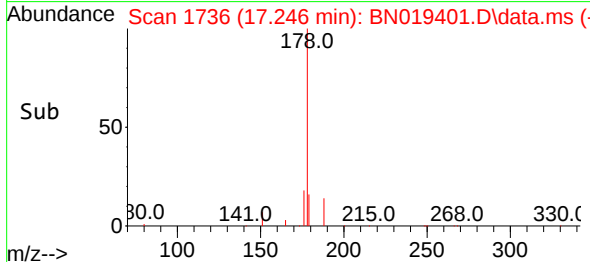
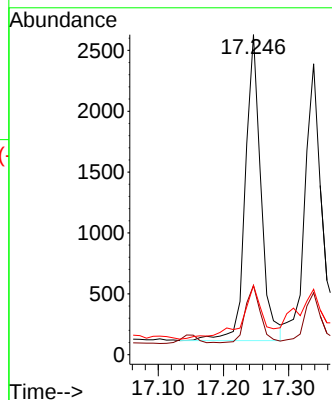
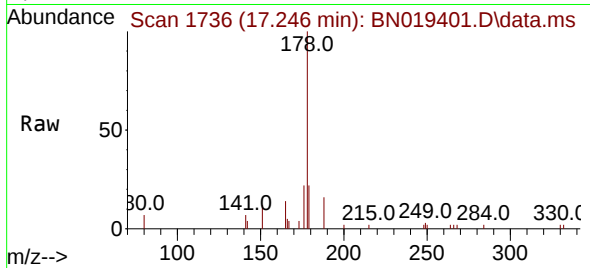




#25
Phenanthrene
Concen: 0.068 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

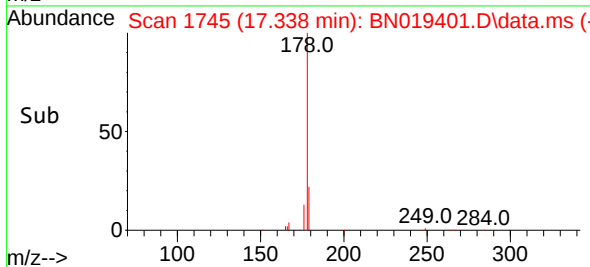
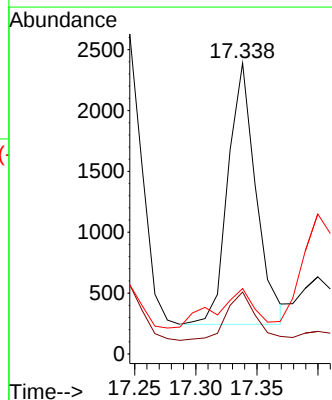
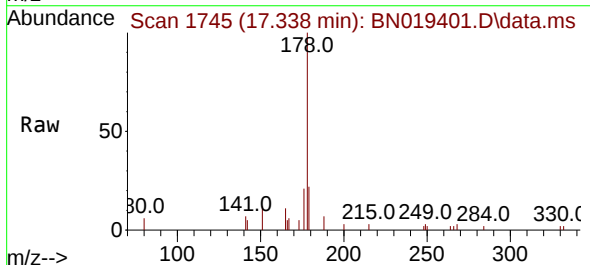
Instrument :
BNA_N
ClientSampleId :
MW-9

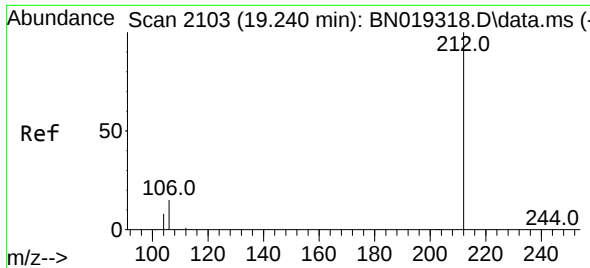
Tgt Ion:178 Resp: 4182
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 23.5 12.2 18.2#



#26
Anthracene
Concen: 0.064 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:178 Resp: 3432
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 20.8 12.2 18.4#

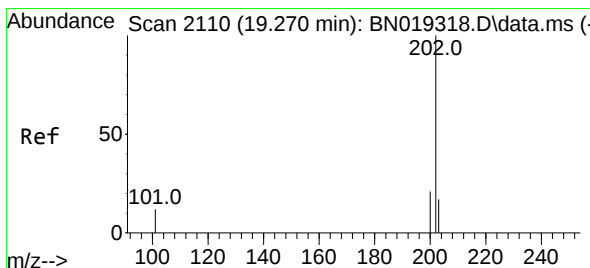
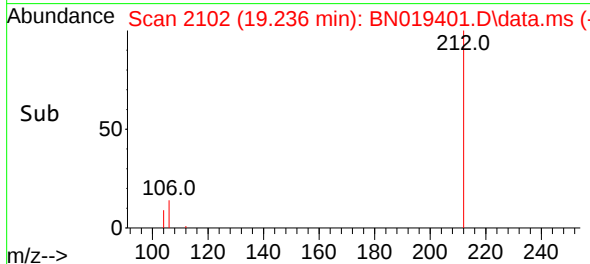
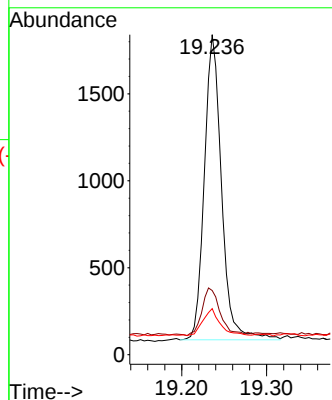
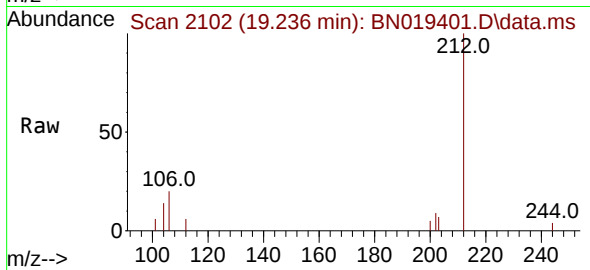




#27
Fluoranthene-d10
Concen: 0.042 ng
RT: 19.236 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

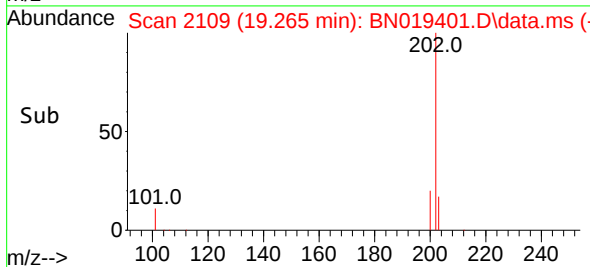
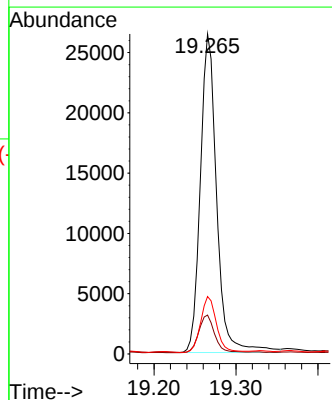
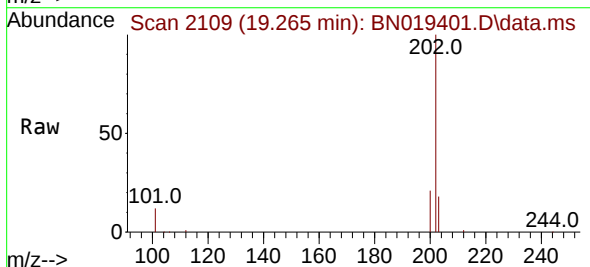
Instrument :
BNA_N
ClientSampleId :
MW-9

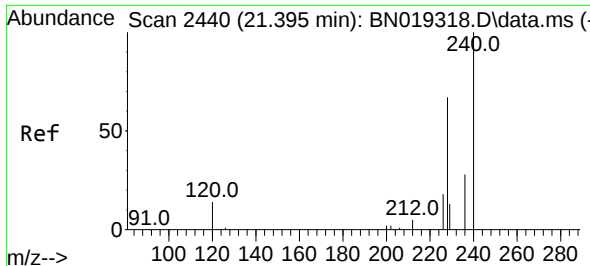
Tgt Ion:212 Resp: 2460
Ion Ratio Lower Upper
212 100
106 16.4 12.7 19.1
104 8.5 7.1 10.7



#28
Fluoranthene
Concen: 0.503 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:202 Resp: 36582
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
203 16.9 13.7 20.5

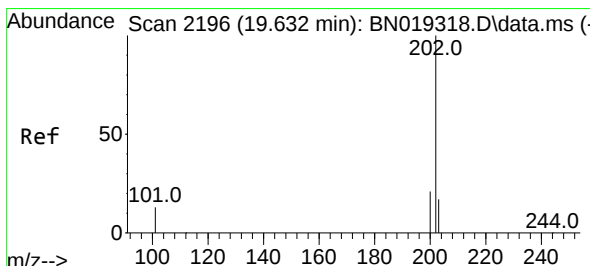
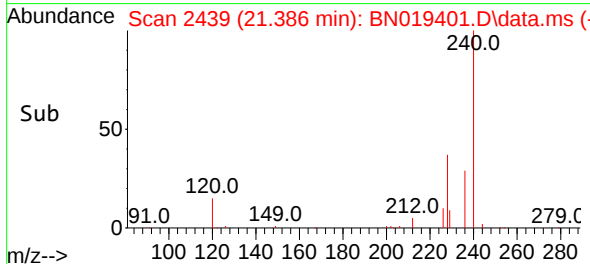
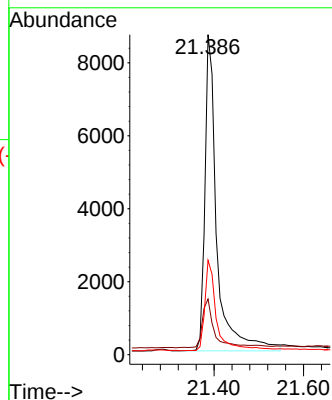
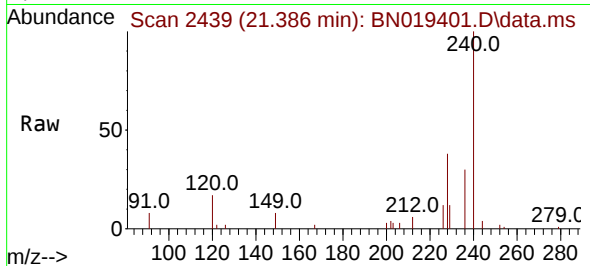




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

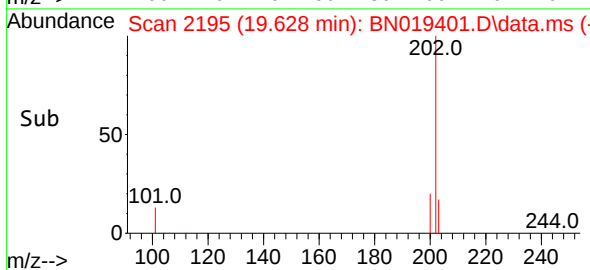
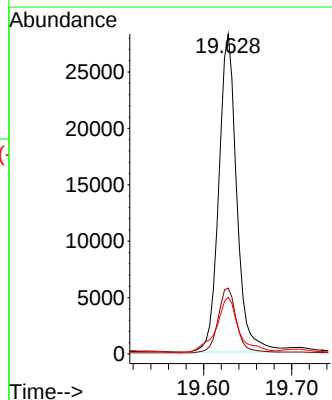
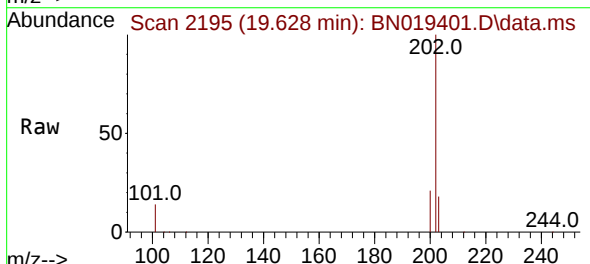
Instrument :
BNA_N
ClientSampleId :
MW-9

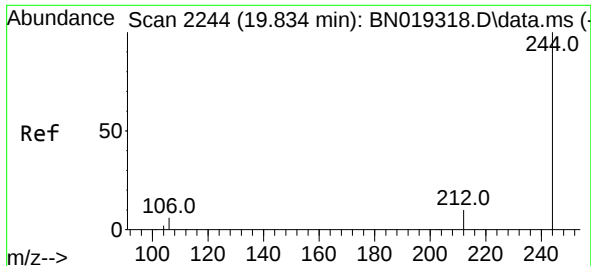
Tgt Ion:240 Resp: 16104
Ion Ratio Lower Upper
240 100
120 17.4 8.5 12.7#
236 29.5 22.4 33.6



#30
Pyrene
Concen: 0.534 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:202 Resp: 40012
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 21.3 14.2 21.2#

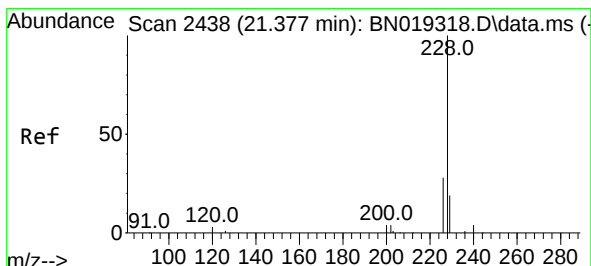
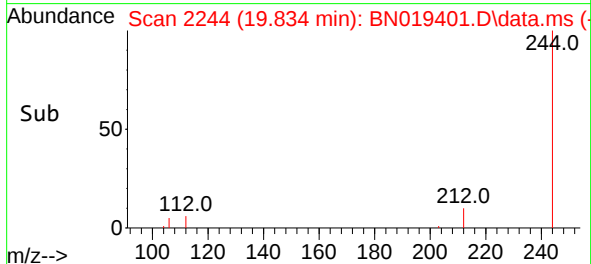
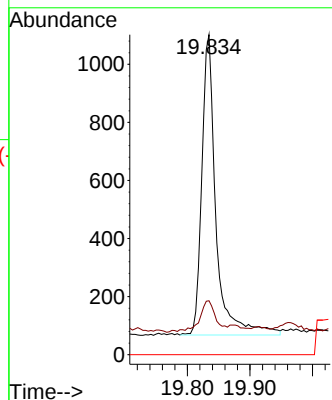
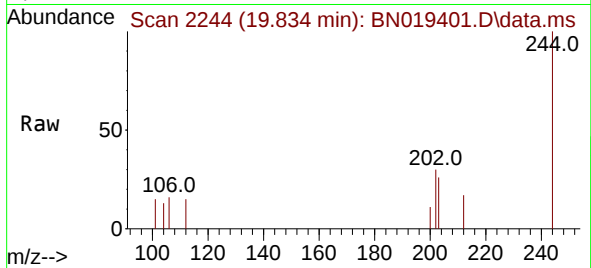




#31
 Terphenyl-d14
 Concen: 0.046 ng
 RT: 19.834 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019401.D
 Acq: 08 Apr 2022 22:48

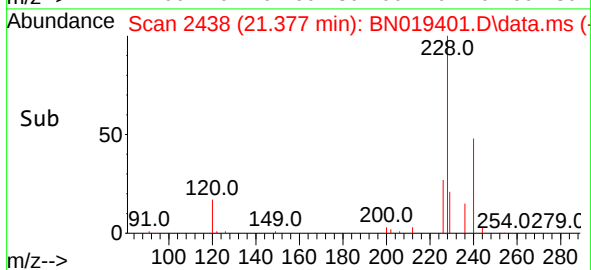
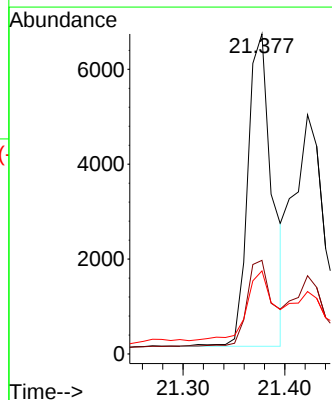
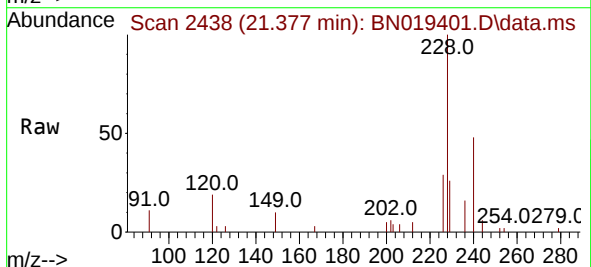
Instrument :
 BNA_N
 ClientSampleId :
 MW-9

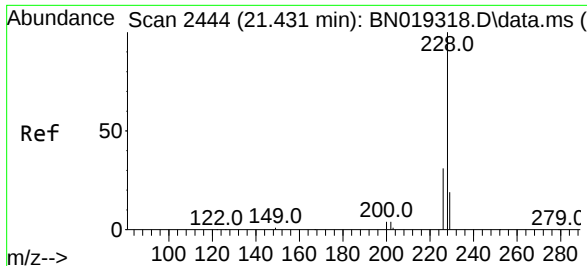
Tgt Ion:244 Resp: 1621
 Ion Ratio Lower Upper
 244 100
 212 16.9 8.2 12.4#
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.184 ng
 RT: 21.377 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: BN019401.D
 Acq: 08 Apr 2022 22:48

Tgt Ion:228 Resp: 10971
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.9 32.9
 229 26.0 16.0 24.0#

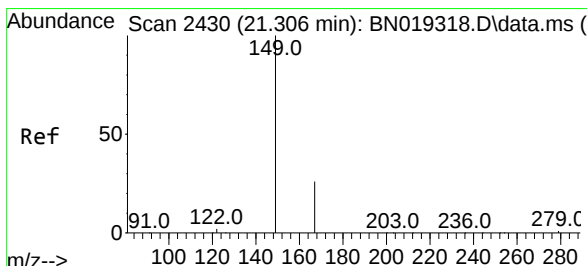
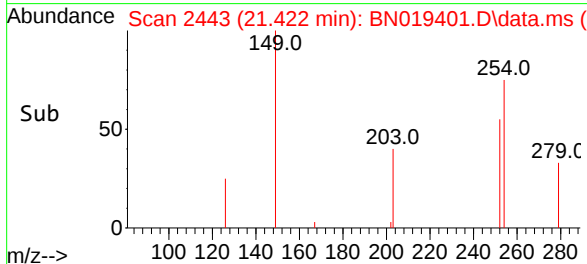
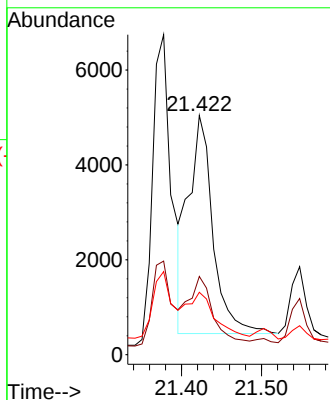
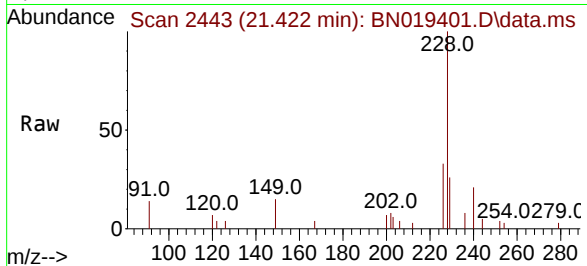




#33
Chrysene
Concen: 0.149 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

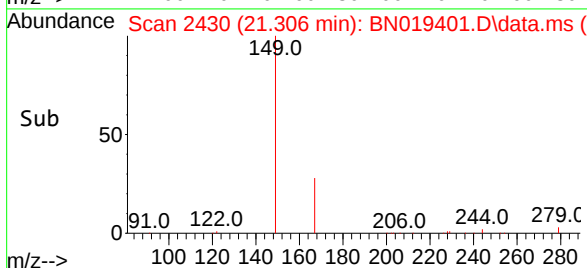
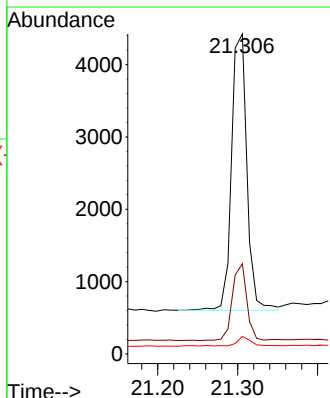
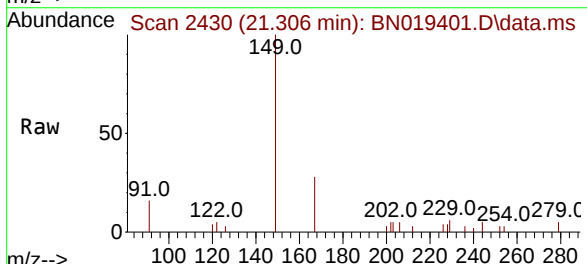
Instrument :
BNA_N
ClientSampleId :
MW-9

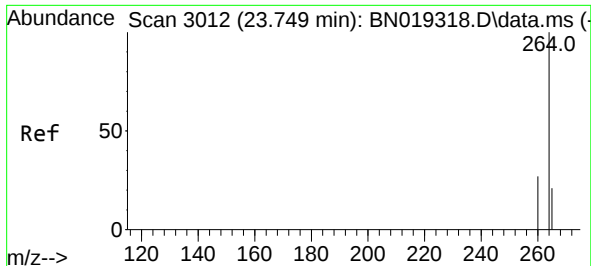
Tgt Ion:228 Resp: 9853
Ion Ratio Lower Upper
228 100
226 32.7 24.0 36.0
229 26.1 15.9 23.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.115 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Tgt Ion:149 Resp: 5098
Ion Ratio Lower Upper
149 100
167 25.9 21.8 32.8
279 3.1 2.0 3.0#

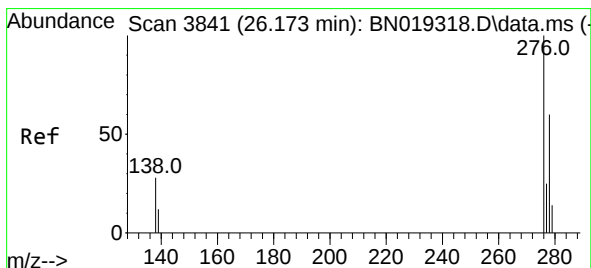
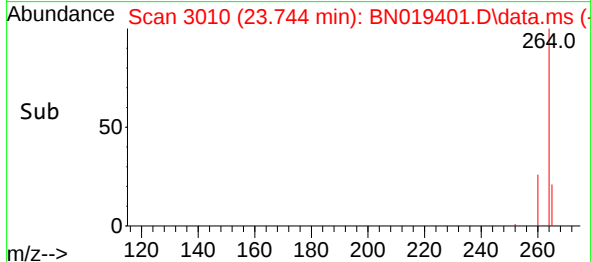
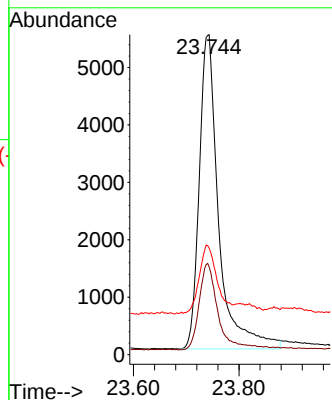
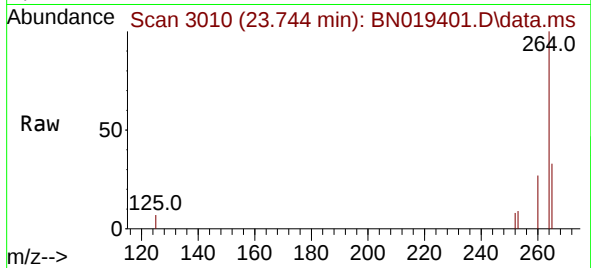




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3012
Delta R.T. -0.006 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

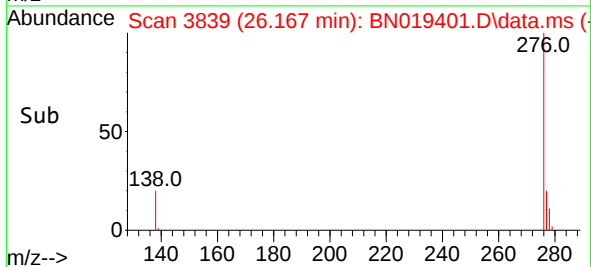
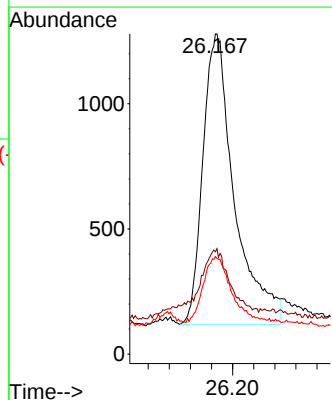
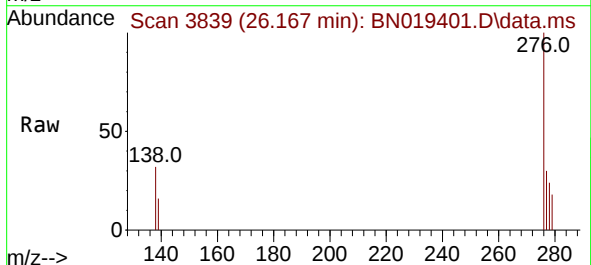
Instrument :
BNA_N
ClientSampleId :
MW-9

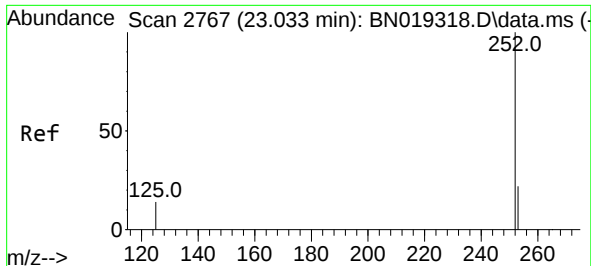
Tgt Ion:264 Resp: 14030
Ion Ratio Lower Upper
264 100
260 27.4 22.4 33.6
265 33.2 25.3 37.9



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.006 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

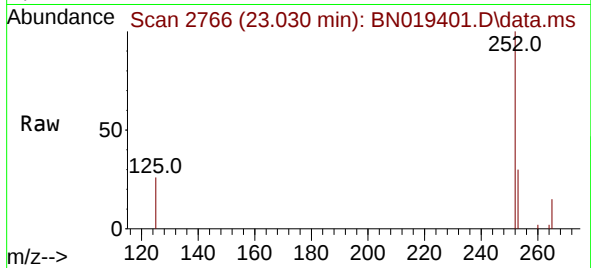
Tgt Ion:276 Resp: 4814
Ion Ratio Lower Upper
276 100
138 17.5 24.5 36.7#
277 19.9 19.8 29.8



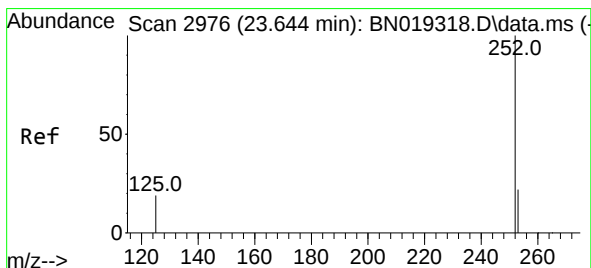
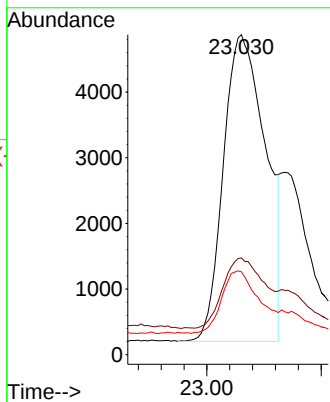
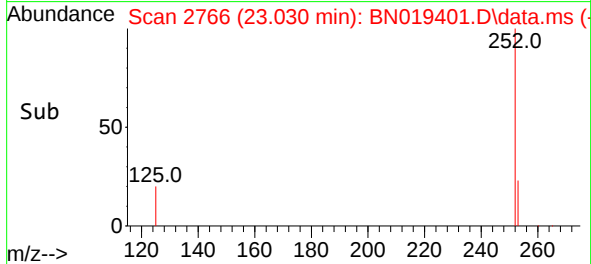


#37
Benzo(b)fluoranthene
Concen: 0.219 ng
RT: 23.030 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

Instrument :
BNA_N
ClientSampleId :
MW-9

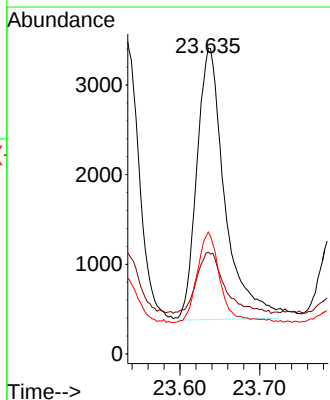
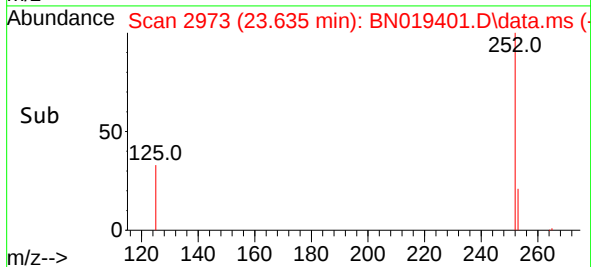
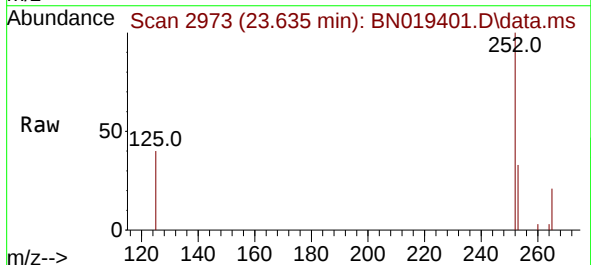


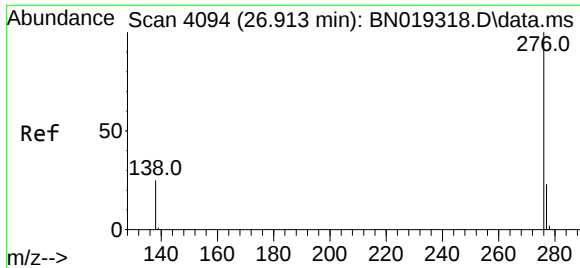
Tgt Ion:252 Resp: 12033
Ion Ratio Lower Upper
252 100
253 30.3 18.9 28.3#
125 25.9 12.1 18.1#



#39
Benzo(a)pyrene
Concen: 0.149 ng
RT: 23.635 min Scan# 2973
Delta R.T. -0.009 min
Lab File: BN019401.D
Acq: 08 Apr 2022 22:48

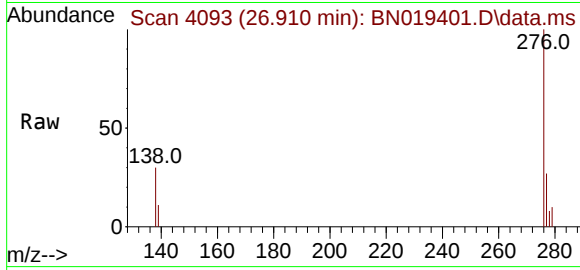
Tgt Ion:252 Resp: 7367
Ion Ratio Lower Upper
252 100
253 33.3 20.1 30.1#
125 39.8 15.2 22.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.125 ng
 RT: 26.910 min Scan# 4093
 Delta R.T. -0.003 min
 Lab File: BN019401.D
 Acq: 08 Apr 2022 22:48

Instrument :
 BNA_N
 ClientSampleId :
 MW-9



Tgt Ion:276 Resp: 6792
 Ion Ratio Lower Upper
 276 100
 277 27.5 19.4 29.0
 138 29.8 21.0 31.6

