

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041122\
 Data File : BN019423.D
 Acq On : 11 Apr 2022 21:36
 Operator : CG/JU
 Sample : N2334-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP040722

Quant Time: Apr 12 07:33:12 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

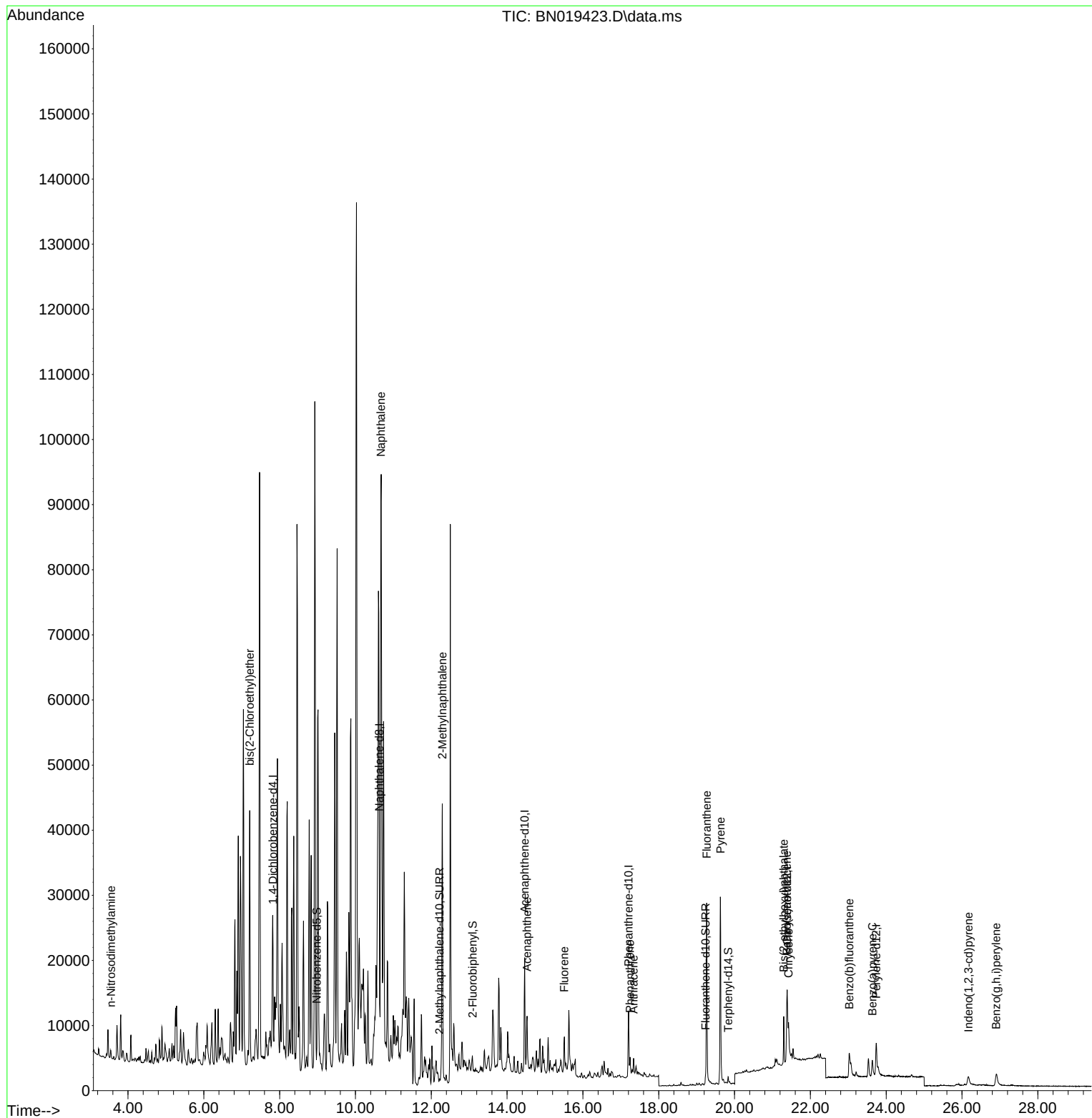
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5247	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	14646	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	9005	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	15681	0.400	ng	# 0.00
29) Chrysene-d12	21.387	240	10316	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	9027	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	254	0.018	ng	0.00
5) Phenol-d6	7.002	99	151	0.009	ng	0.01
8) Nitrobenzene-d5	8.982	82	974	0.073	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	825	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	98	0.018	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	1413	0.038	ng	0.00
27) Fluoranthene-d10	19.236	212	1841	0.036	ng	0.00
31) Terphenyl-d14	19.830	244	1195	0.053	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.550	42	276	0.033	ng	# 1
6) bis(2-Chloroethyl)ether	7.212	93	2510	0.147	ng	# 1
9) Naphthalene	10.669	128	73912	1.710	ng	# 85
12) 2-Methylnaphthalene	12.291	142	30260	1.010	ng	96
17) Acenaphthene	14.527	154	4368	0.147	ng	96
18) Fluorene	15.511	166	3640	0.093	ng	# 93
25) Phenanthrene	17.246	178	2967	0.056	ng	# 86
26) Anthracene	17.338	178	3059	0.066	ng	# 93
28) Fluoranthene	19.265	202	27857	0.446	ng	99
30) Pyrene	19.628	202	28760	0.599	ng	# 95
32) Benzo(a)anthracene	21.378	228	6846	0.180	ng	# 90
33) Chrysene	21.422	228	6156	0.145	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.297	149	6364	0.224	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.170	276	3190	0.084	ng	# 85
37) Benzo(b)fluoranthene	23.027	252	7081	0.200	ng	# 78
39) Benzo(a)pyrene	23.635	252	4438	0.140	ng	# 72
41) Benzo(g,h,i)perylene	26.904	276	5153	0.147	ng	91

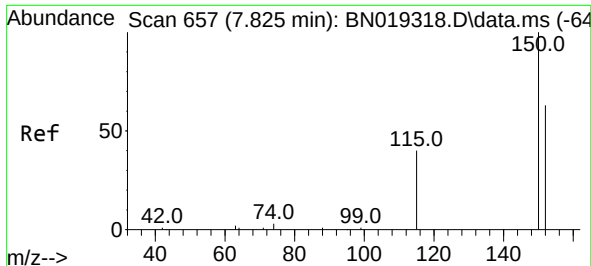
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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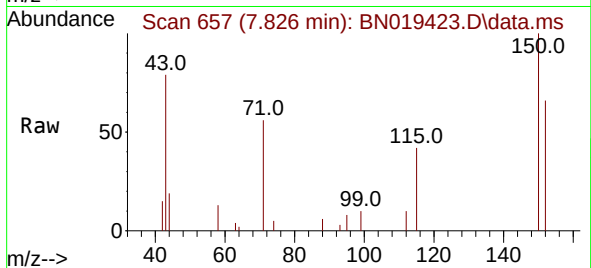
Quant Time: Apr 12 07:33:12 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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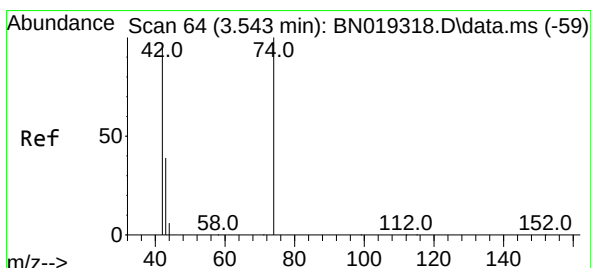
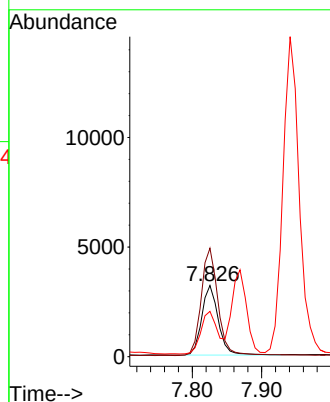
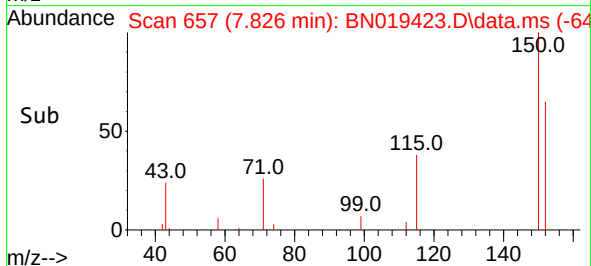


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

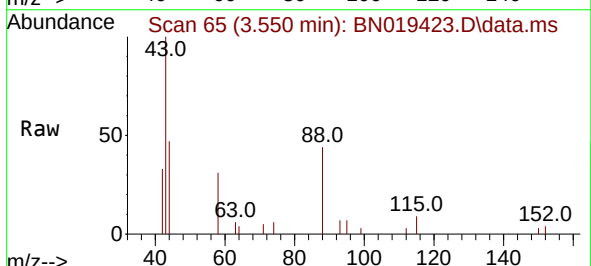
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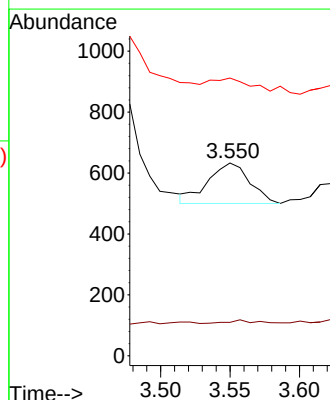
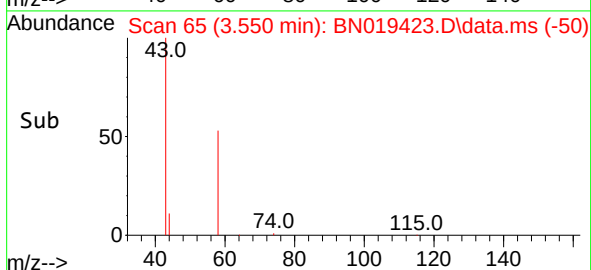
Tgt Ion:152 Resp: 5247
Ion Ratio Lower Upper
152 100
150 152.5 123.9 185.9
115 63.7 48.2 72.4

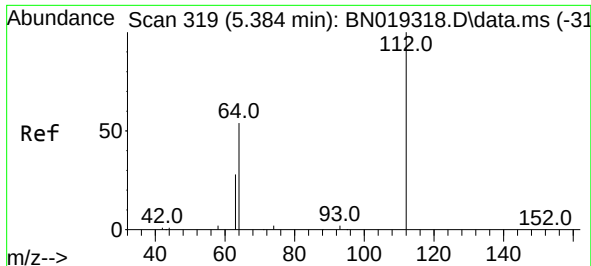


#3
n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.550 min Scan# 65
Delta R.T. 0.007 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36



Tgt Ion: 42 Resp: 276
Ion Ratio Lower Upper
42 100
74 5.4 96.9 145.3#
44 44.2 7.3 10.9#

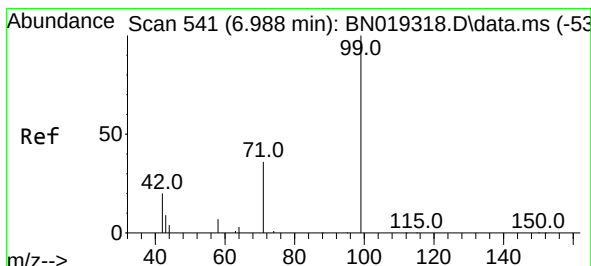
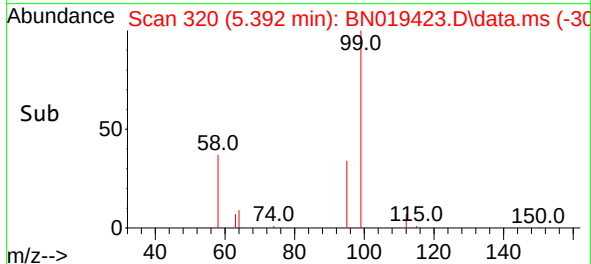
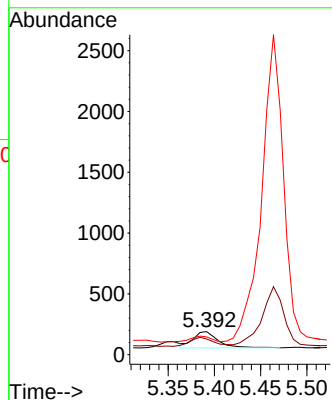
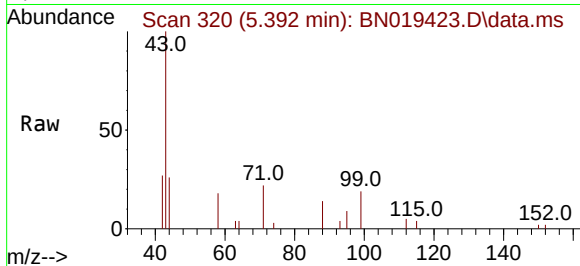




#4
2-Fluorophenol
Concen: 0.018 ng
RT: 5.392 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

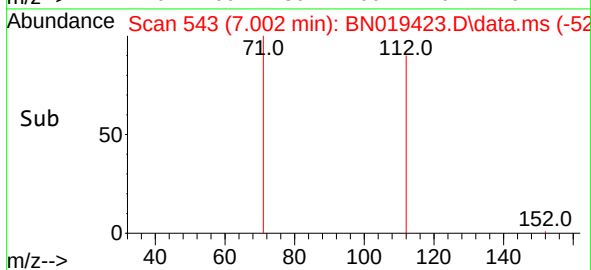
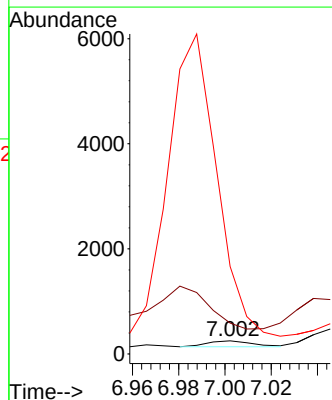
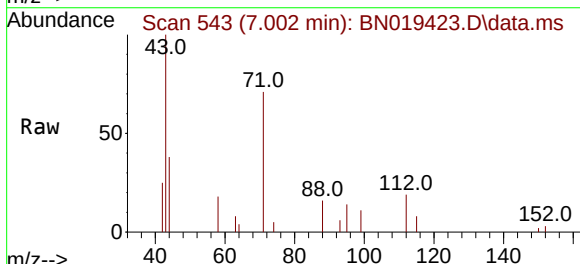
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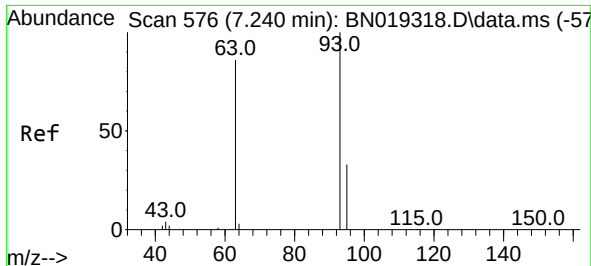
Tgt Ion:112 Resp: 254
Ion Ratio Lower Upper
112 100
64 53.9 47.8 71.8
63 0.0 25.7 38.5#



#5
Phenol-d6
Concen: 0.009 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.015 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion: 99 Resp: 151
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#

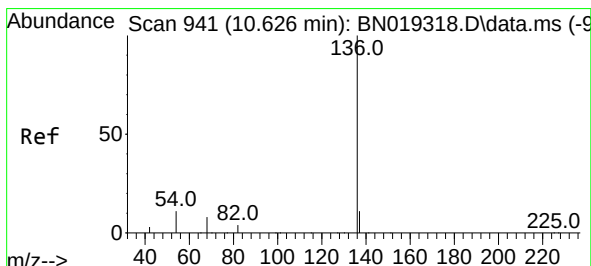
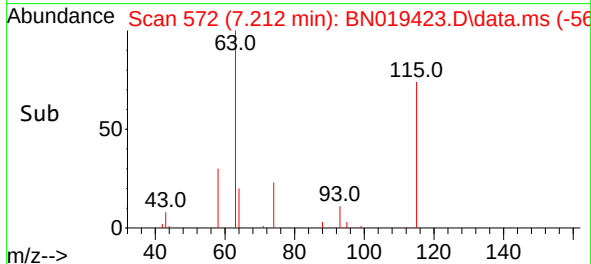
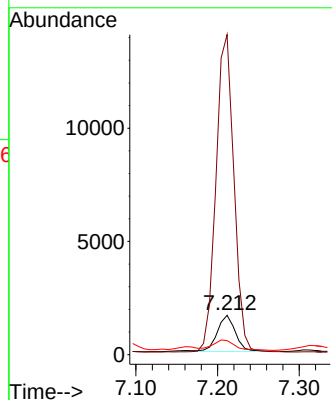
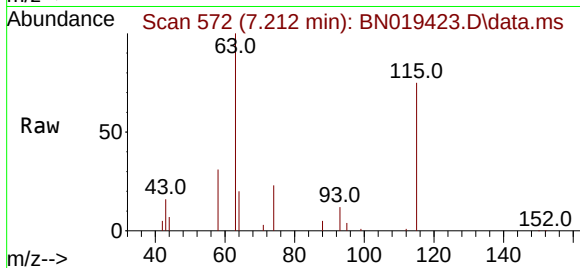




#6
 bis(2-Chloroethyl)ether
 Concen: 0.147 ng
 RT: 7.212 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: BN019423.D
 Acq: 11 Apr 2022 21:36

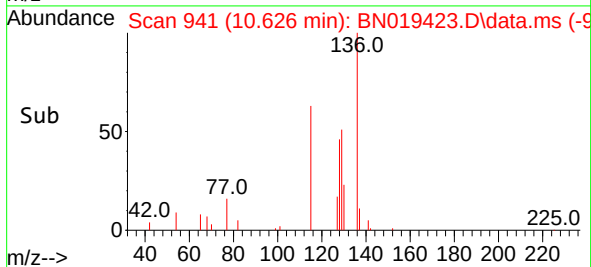
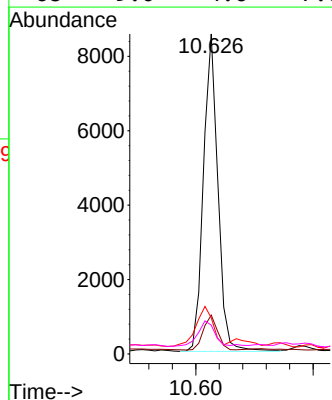
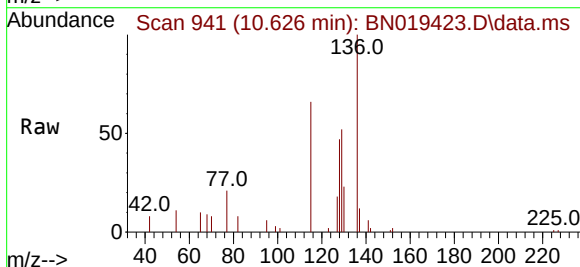
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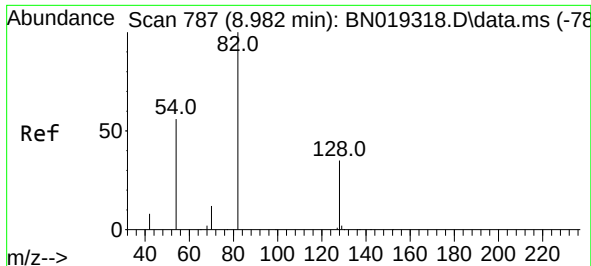
Tgt Ion: 93 Resp: 2510
 Ion Ratio Lower Upper
 93 100
 63 851.4 62.8 94.2#
 95 34.3 26.2 39.4



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.626 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: BN019423.D
 Acq: 11 Apr 2022 21:36

Tgt Ion:136 Resp: 14646
 Ion Ratio Lower Upper
 136 100
 137 12.1 9.0 13.4
 54 11.3 5.8 8.6#
 68 9.0 4.6 7.0#

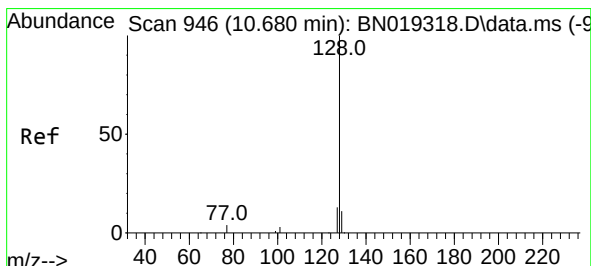
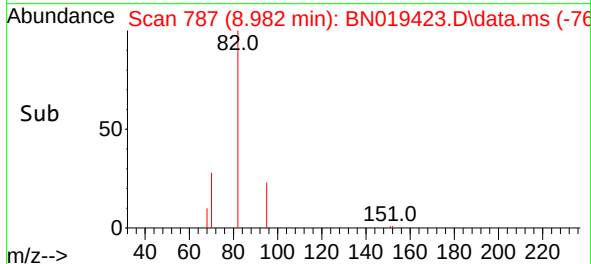
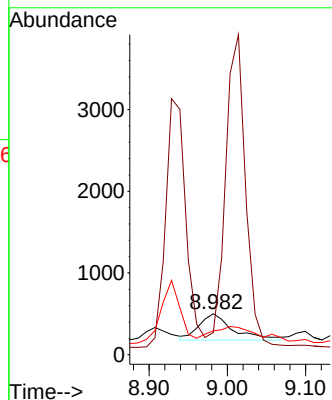
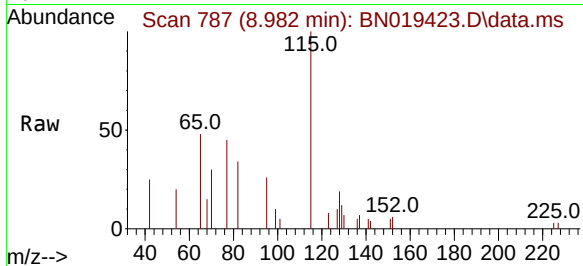




#8
Nitrobenzene-d5
Concen: 0.073 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

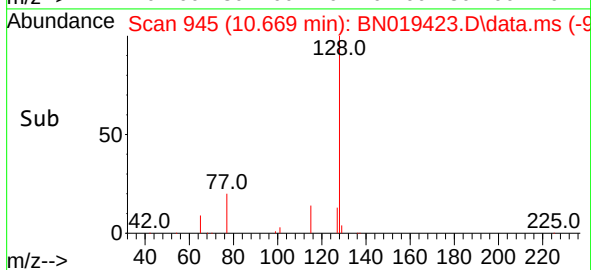
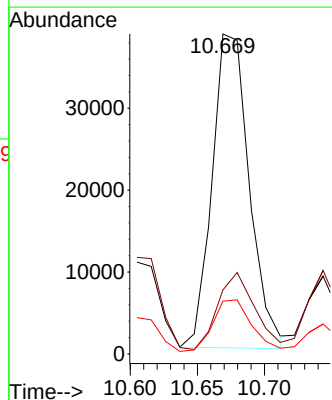
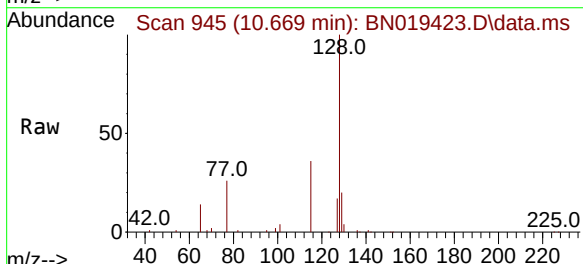
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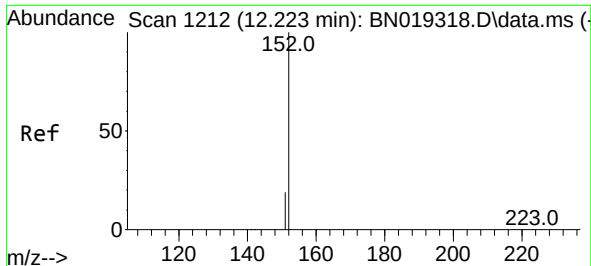
Tgt Ion: 82 Resp: 974
Ion Ratio Lower Upper
82 100
128 54.4 33.0 49.6#
54 58.4 42.5 63.7



#9
Naphthalene
Concen: 1.710 ng
RT: 10.669 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion: 128 Resp: 73912
Ion Ratio Lower Upper
128 100
129 20.0 9.0 13.4#
127 16.5 10.7 16.1#

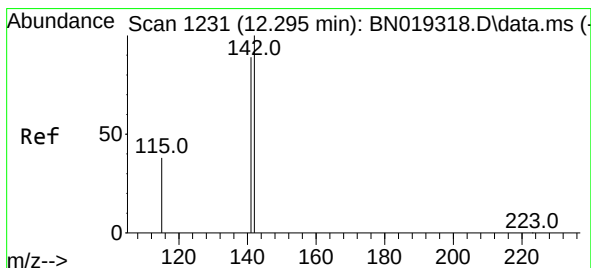
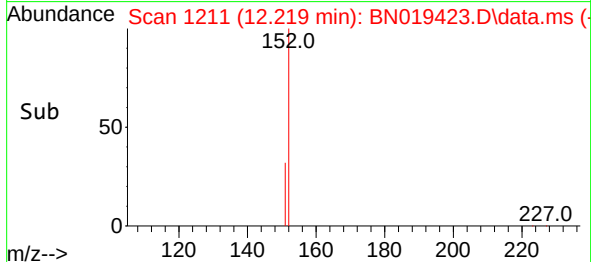
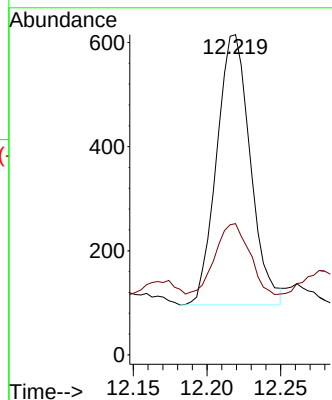
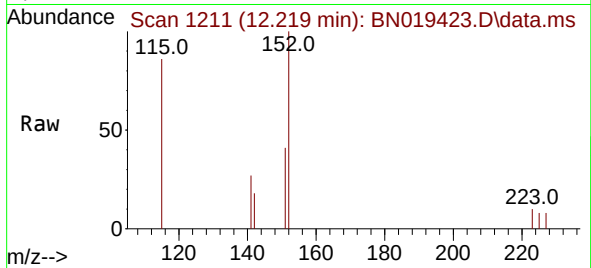




#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.219 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

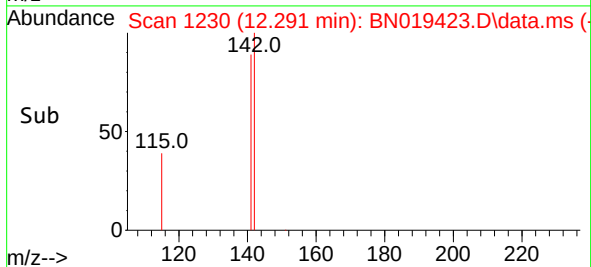
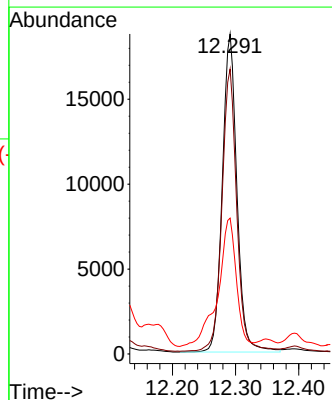
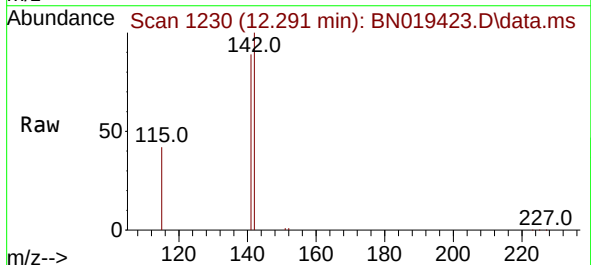
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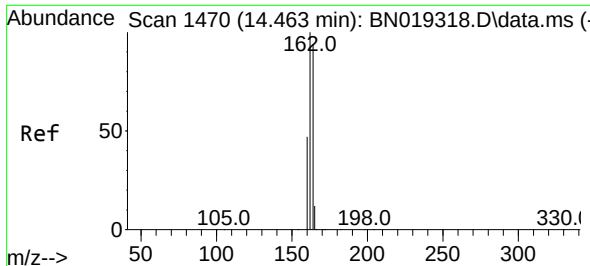
Tgt Ion:152 Resp: 825
Ion Ratio Lower Upper
152 100
151 32.8 16.5 24.7#



#12
2-Methylnaphthalene
Concen: 1.010 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:142 Resp: 30260
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0
115 42.5 29.8 44.8

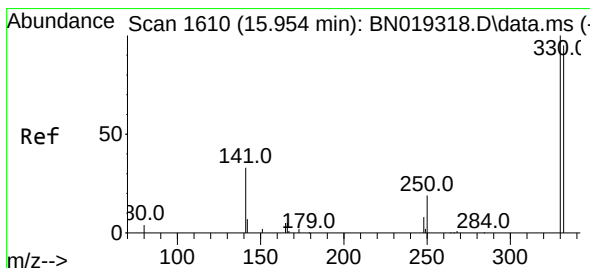
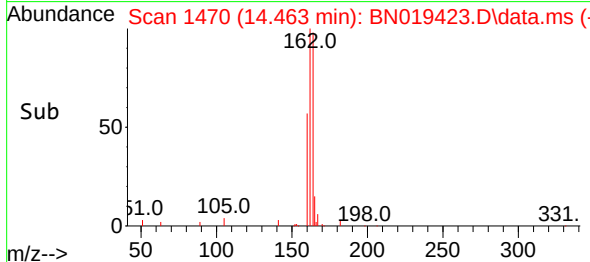
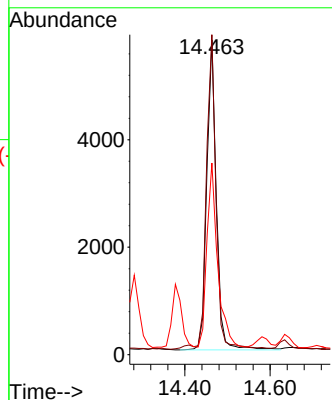
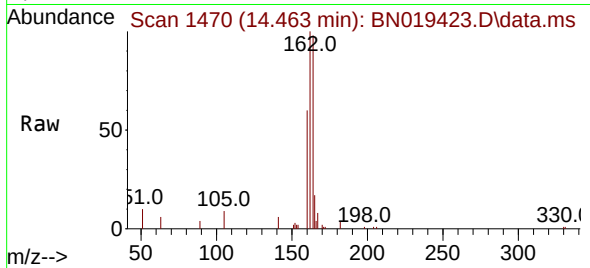




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

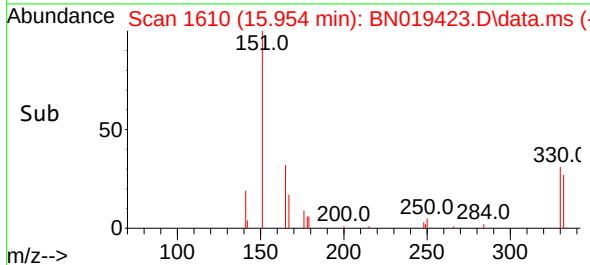
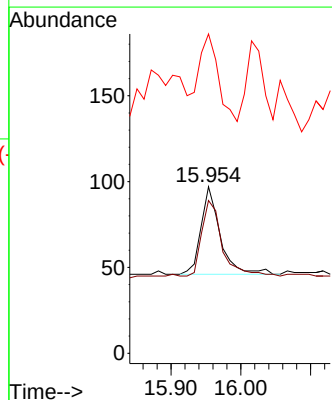
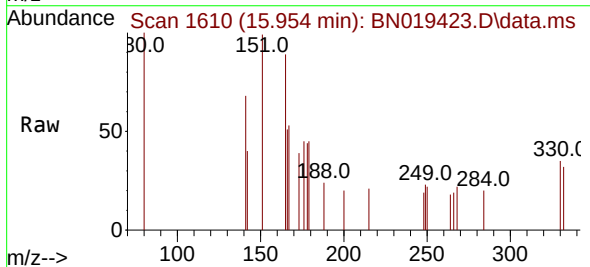
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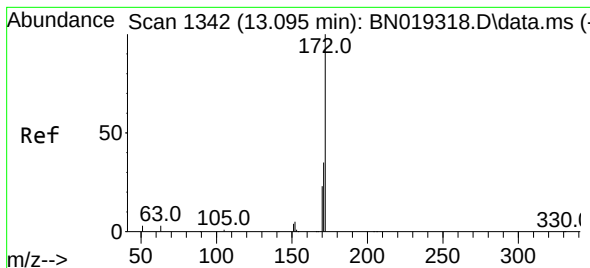
Tgt Ion:164 Resp: 9005
Ion Ratio Lower Upper
164 100
162 101.6 85.2 127.8
160 60.9 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.018 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 90.8 76.8 115.2
141 101.0 32.2 48.2#

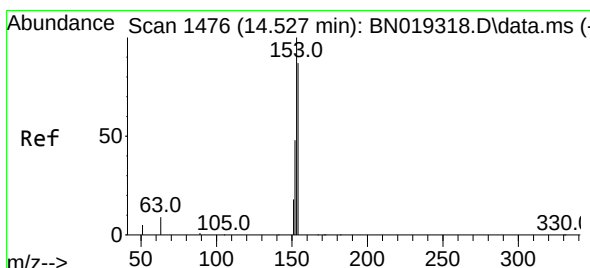
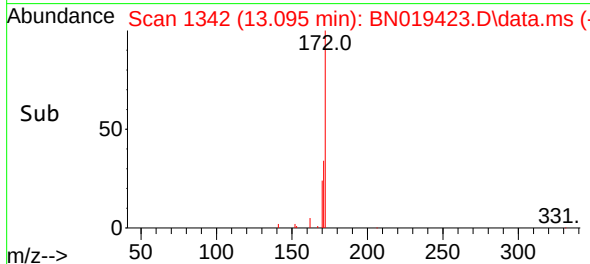
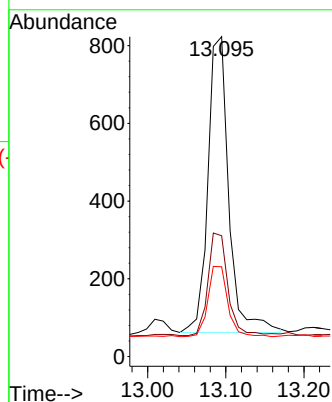
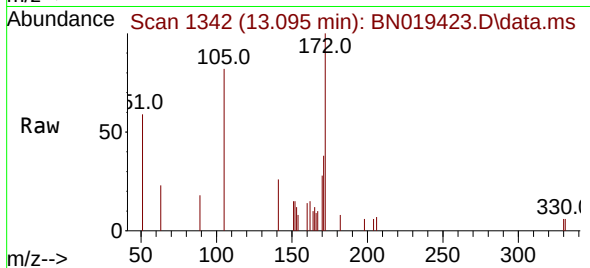




#15
2-Fluorobiphenyl
Concen: 0.038 ng
RT: 13.095 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

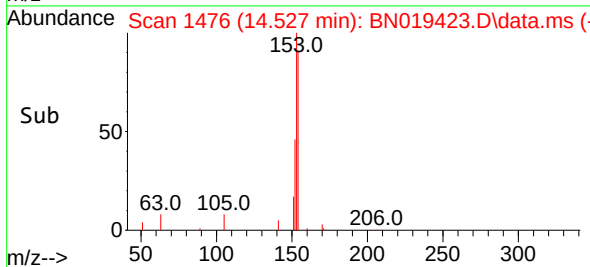
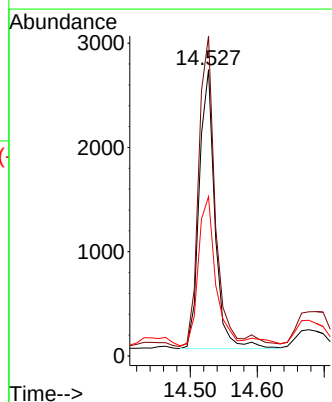
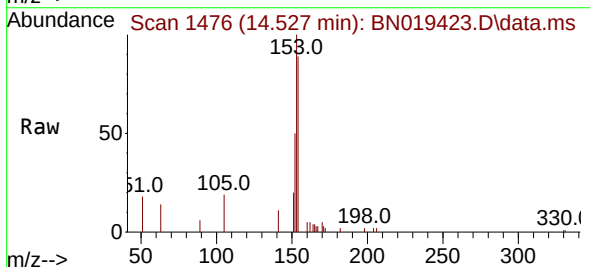
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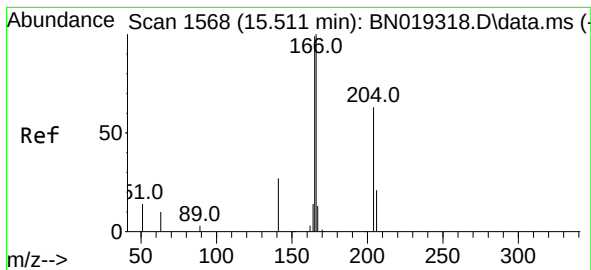
Tgt Ion:	172	Resp:	1413
Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.2	42.2
170	28.1	18.7	28.1



#17
Acenaphthene
Concen: 0.147 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:	154	Resp:	4368
Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.7	134.5
152	59.1	44.7	67.1





#18

Fluorene

Concen: 0.093 ng

RT: 15.511 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BN019423.D

Acq: 11 Apr 2022 21:36

Instrument :

BNA_N

ClientSampleId :

DUP040722

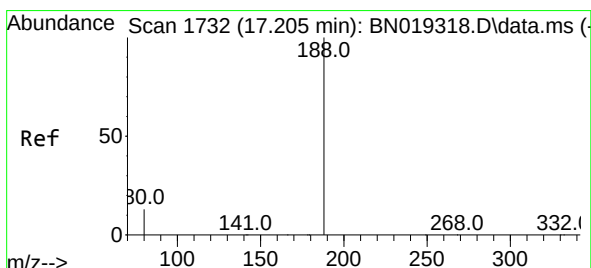
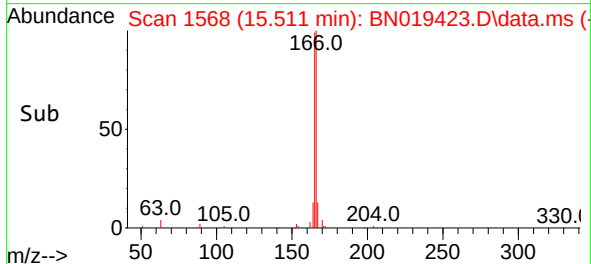
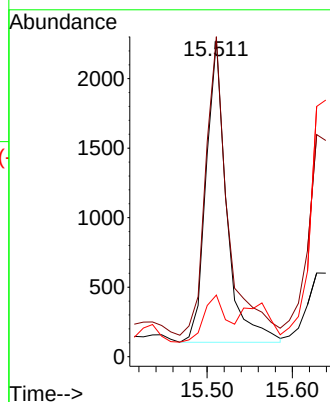
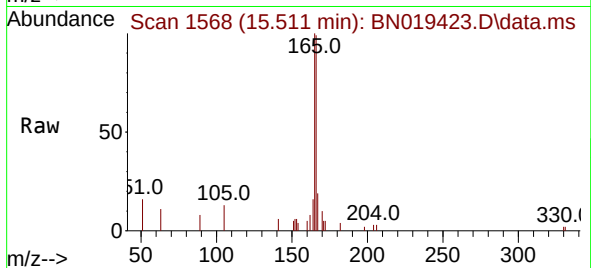
Tgt Ion:166 Resp: 3640

Ion Ratio Lower Upper

166 100

165 105.7 79.2 118.8

167 17.2 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: BN019423.D

Acq: 11 Apr 2022 21:36

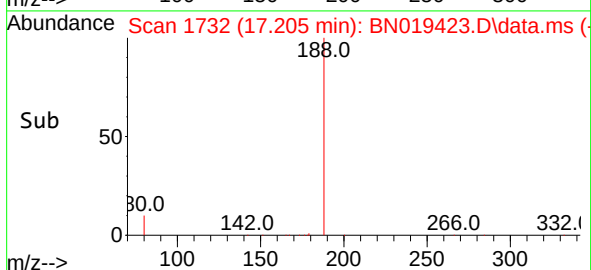
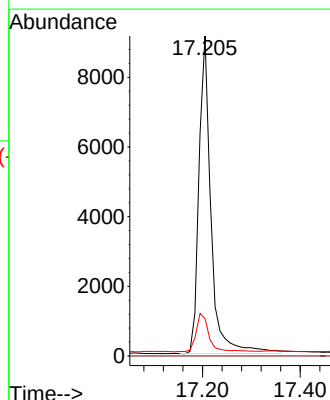
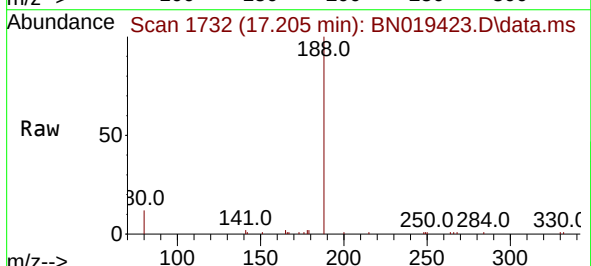
Tgt Ion:188 Resp: 15681

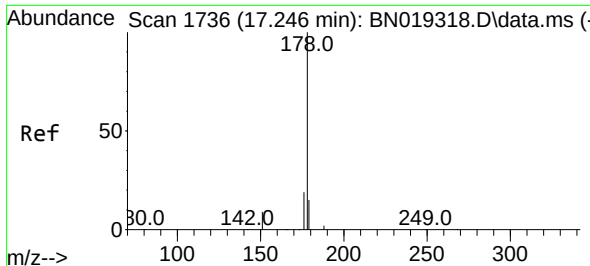
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 11.8 17.8#

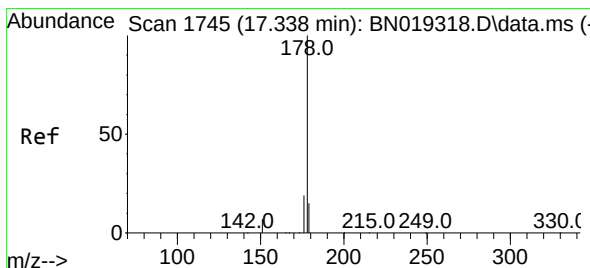
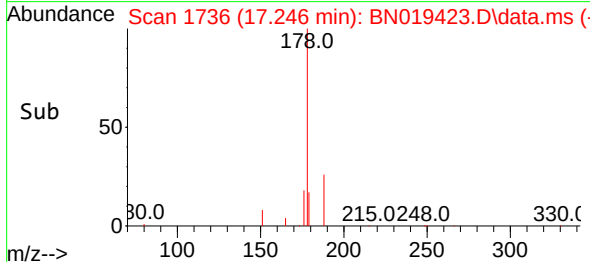
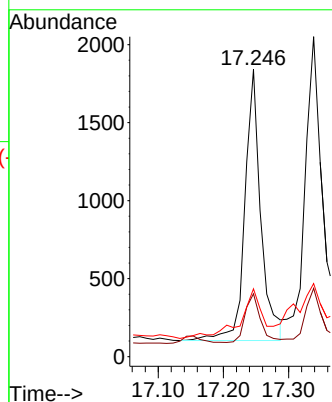
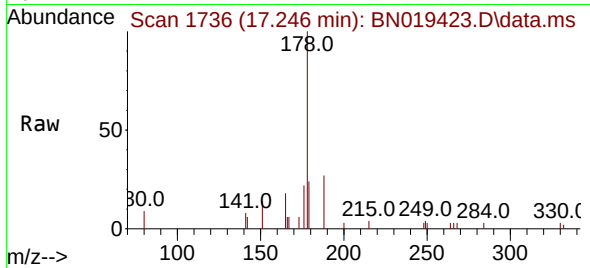




#25
Phenanthrene
Concen: 0.056 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

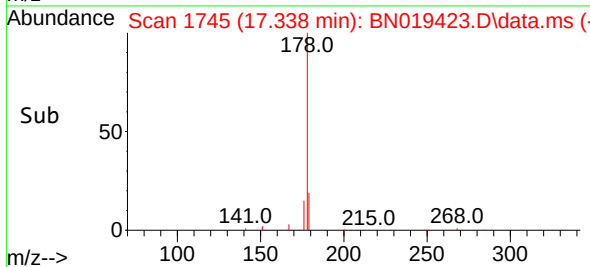
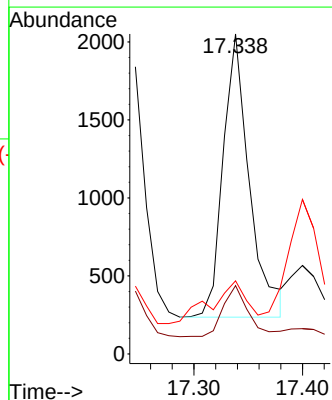
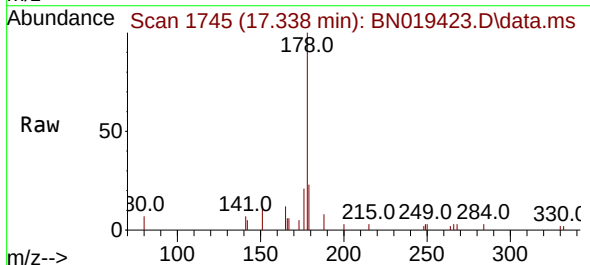
Instrument :
BNA_N
ClientSampleId :
DUP040722

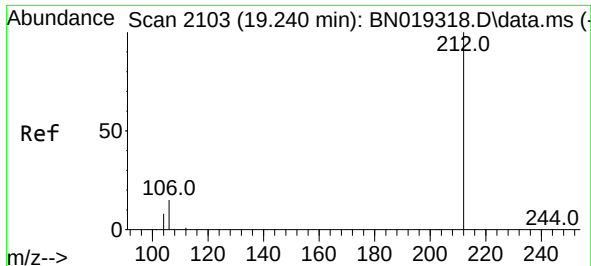
Tgt Ion:178 Resp: 2967
Ion Ratio Lower Upper
178 100
176 17.2 15.4 23.0
179 25.9 12.2 18.2#



#26
Anthracene
Concen: 0.066 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:178 Resp: 3059
Ion Ratio Lower Upper
178 100
176 17.1 14.8 22.2
179 20.6 12.2 18.4#

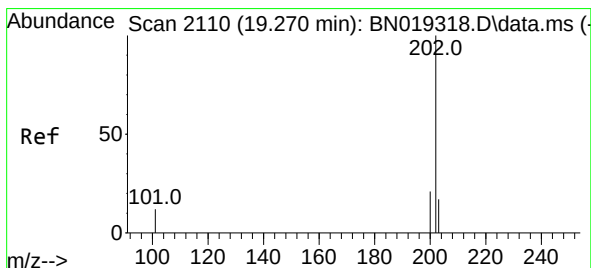
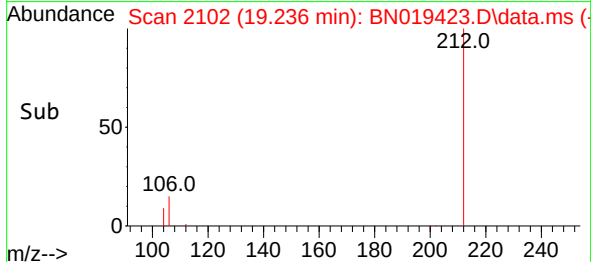
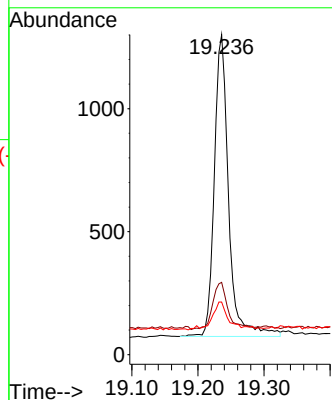
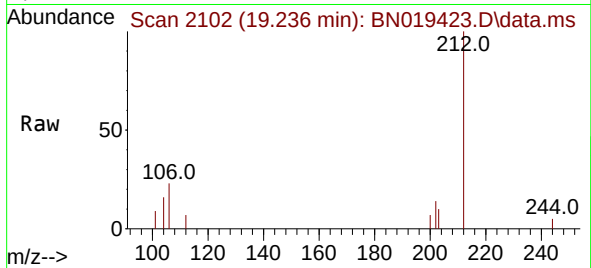




#27
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

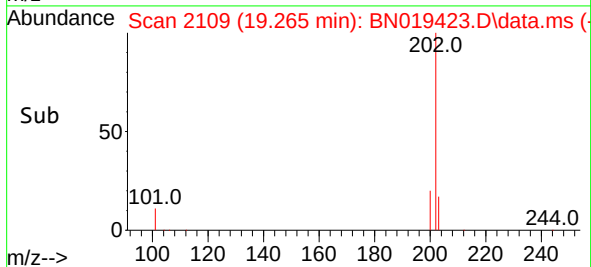
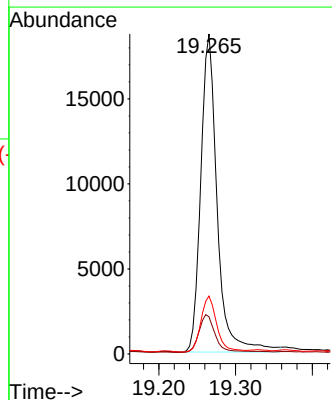
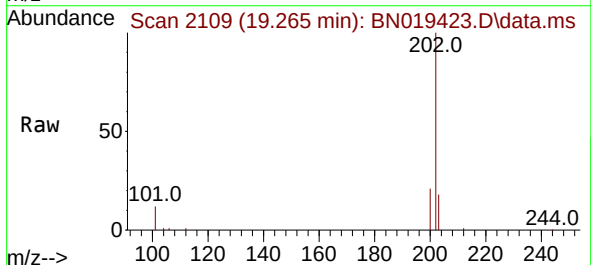
Instrument :
BNA_N
ClientSampleId :
DUP040722

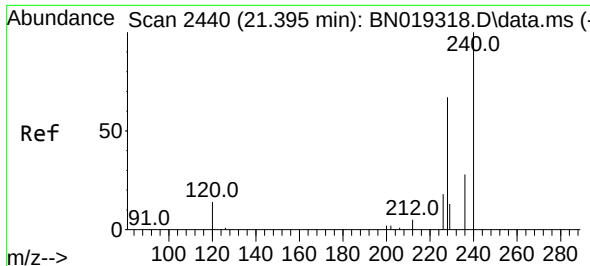
Tgt Ion:212 Resp: 1841
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 8.3 7.1 10.7



#28
Fluoranthene
Concen: 0.446 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:202 Resp: 27857
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 16.8 13.7 20.5

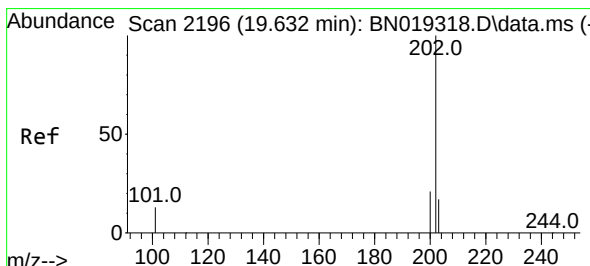
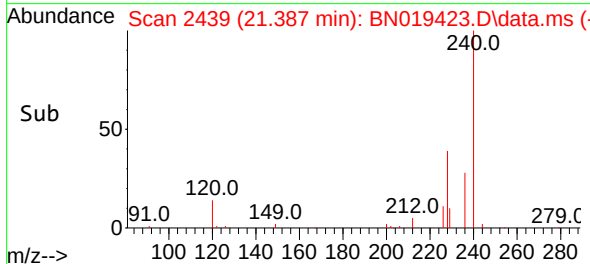
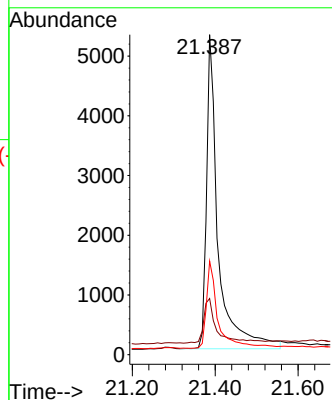
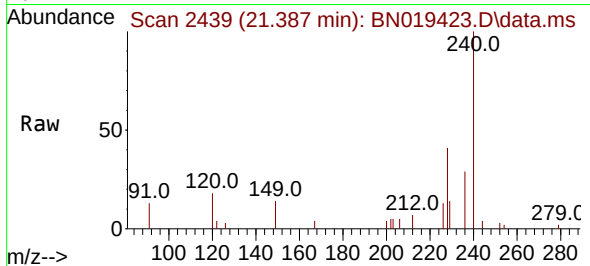




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

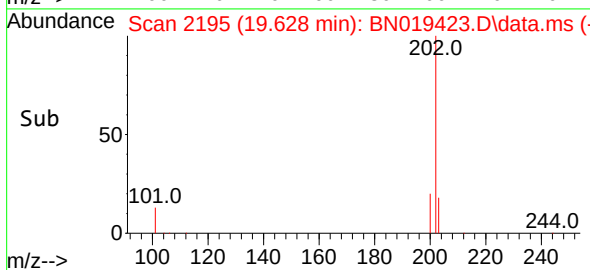
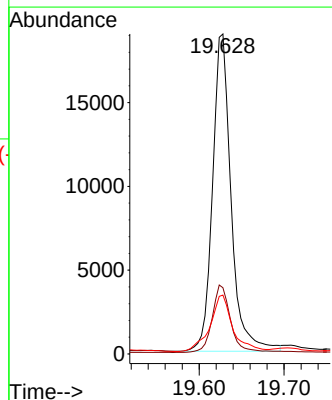
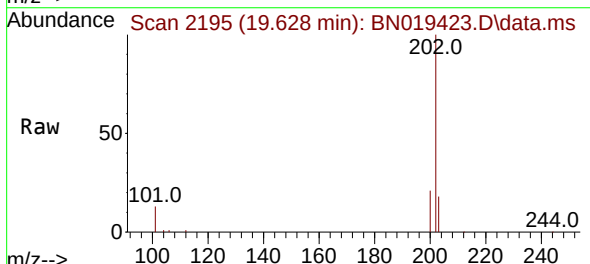
Instrument :
BNA_N
ClientSampleId :
DUP040722

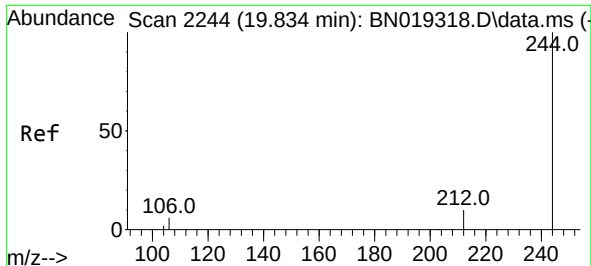
Tgt Ion:240 Resp: 10316
Ion Ratio Lower Upper
240 100
120 17.5 8.5 12.7#
236 29.3 22.4 33.6



#30
Pyrene
Concen: 0.599 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:202 Resp: 28760
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 21.7 14.2 21.2#

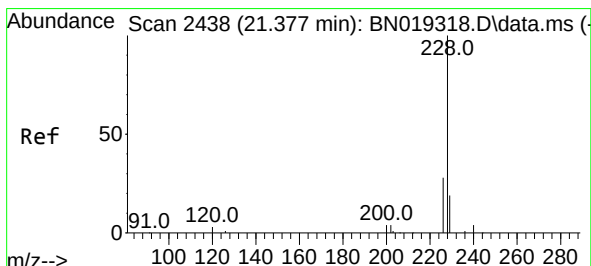
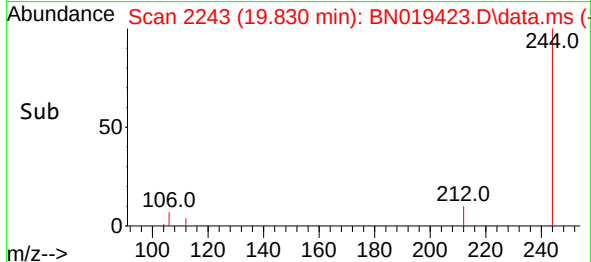
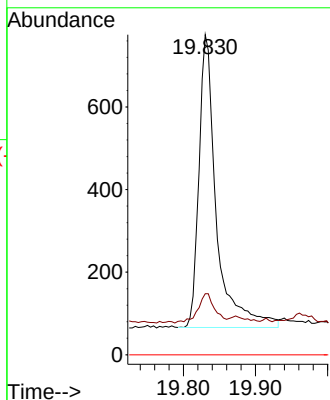
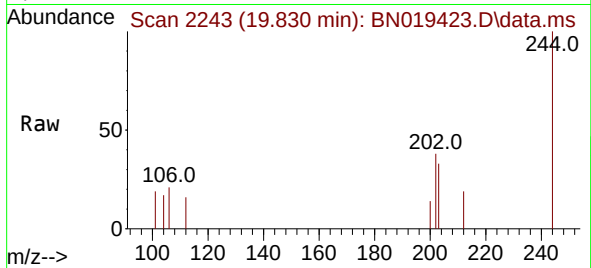




#31
 Terphenyl-d14
 Concen: 0.053 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019423.D
 Acq: 11 Apr 2022 21:36

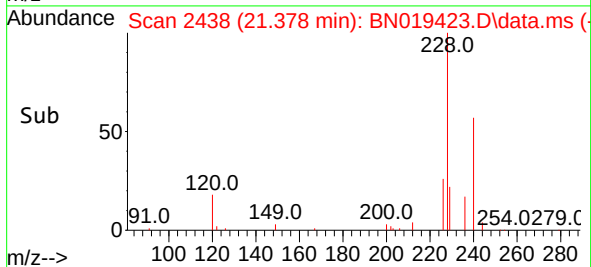
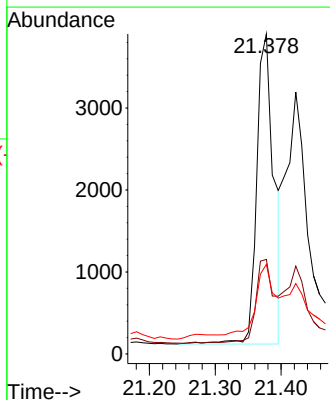
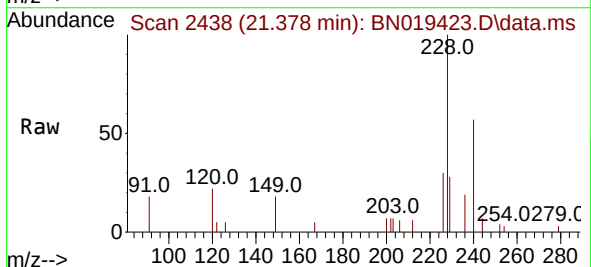
Instrument :
 BNA_N
 ClientSampleId :
 DUP040722

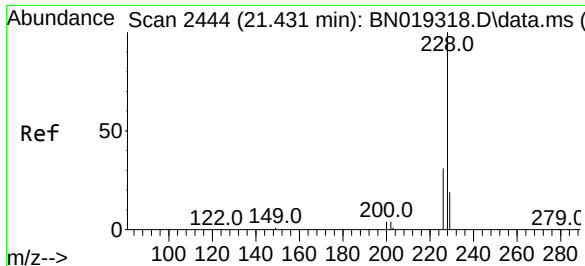
Tgt Ion:244 Resp: 1195
 Ion Ratio Lower Upper
 244 100
 212 19.1 8.2 12.4#
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.180 ng
 RT: 21.378 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: BN019423.D
 Acq: 11 Apr 2022 21:36

Tgt Ion:228 Resp: 6846
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.9 32.9
 229 28.0 16.0 24.0#





#33

Chrysene

Concen: 0.145 ng

RT: 21.422 min Scan# 2443

Delta R.T. -0.009 min

Lab File: BN019423.D

Acq: 11 Apr 2022 21:36

Instrument :

BNA_N

ClientSampleId :

DUP040722

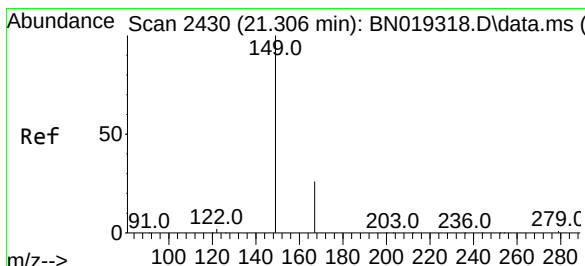
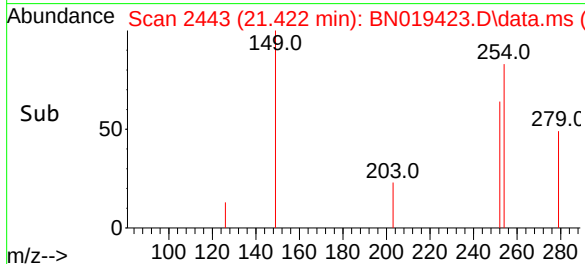
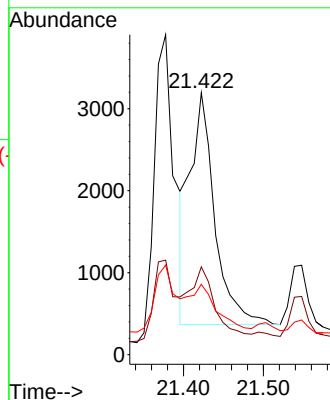
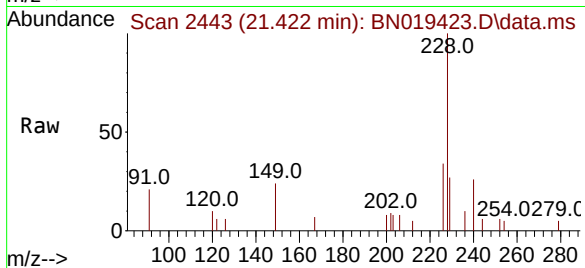
Tgt Ion:228 Resp: 6156

Ion Ratio Lower Upper

228 100

226 33.6 24.0 36.0

229 26.9 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.224 ng

RT: 21.297 min Scan# 2429

Delta R.T. -0.009 min

Lab File: BN019423.D

Acq: 11 Apr 2022 21:36

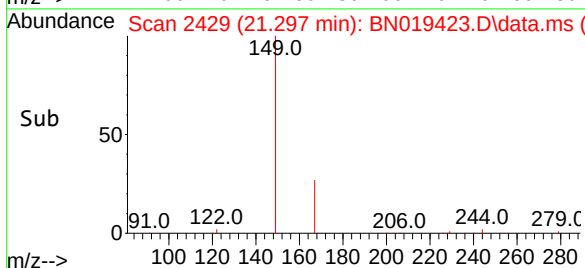
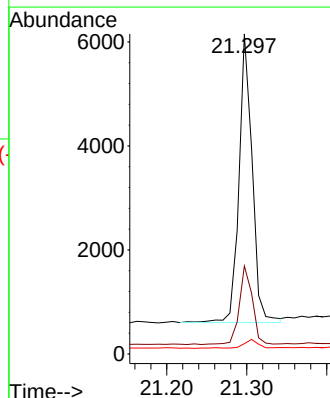
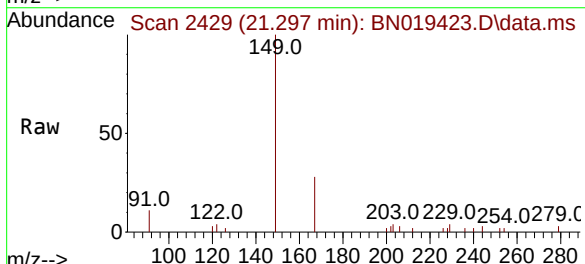
Tgt Ion:149 Resp: 6364

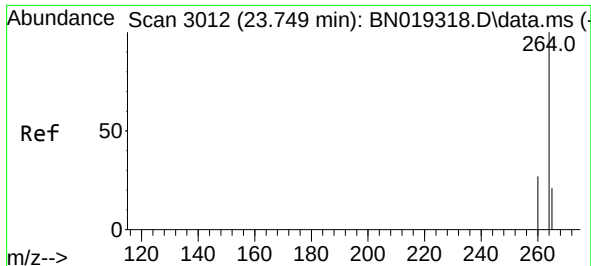
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 3.0 2.0 3.0#

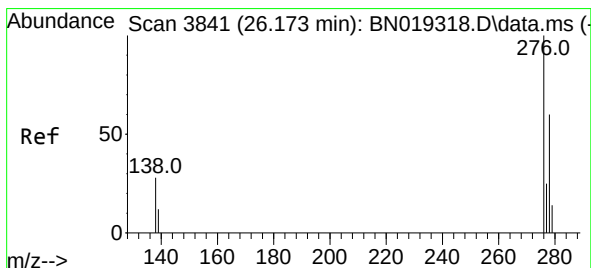
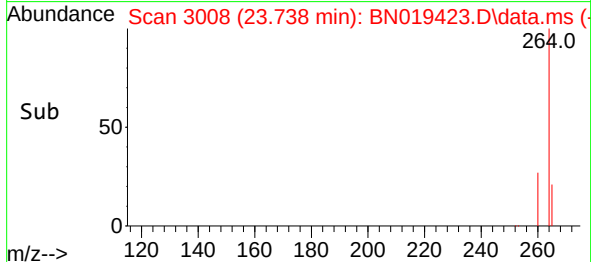
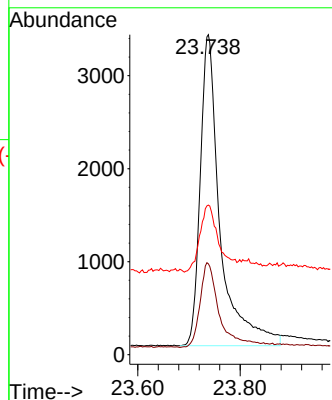
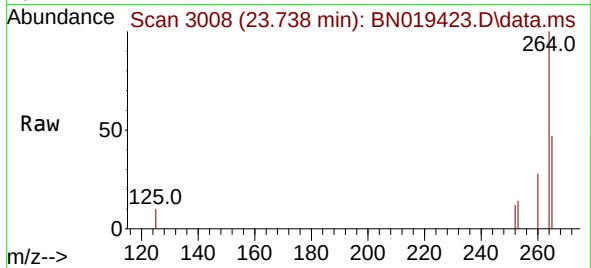




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3012
Delta R.T. -0.012 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

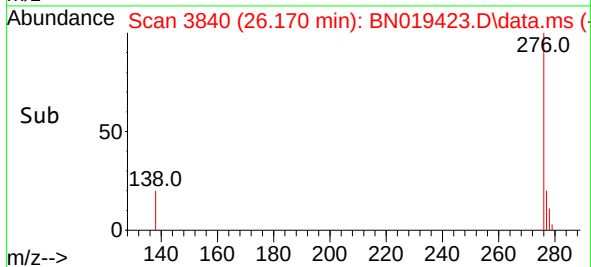
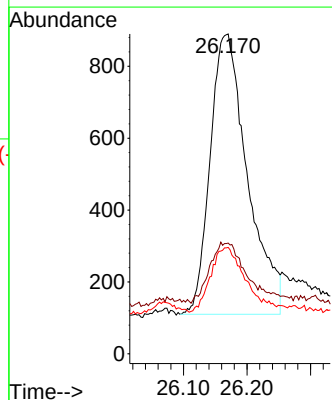
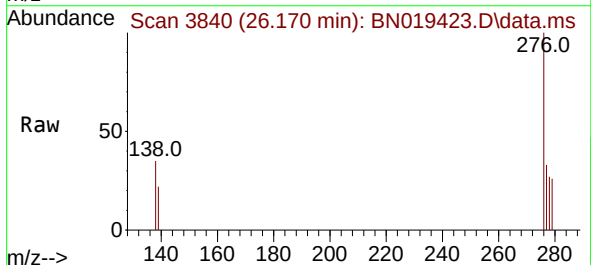
Instrument :
BNA_N
ClientSampleId :
DUP040722

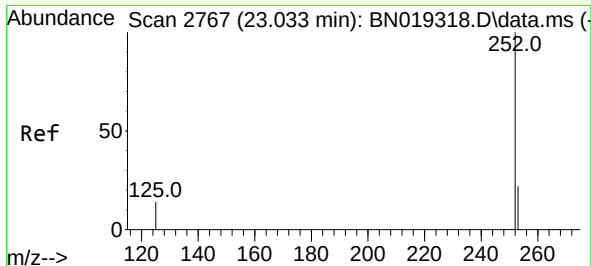
Tgt Ion:264 Resp: 9027
Ion Ratio Lower Upper
264 100
260 28.4 22.4 33.6
265 46.7 25.3 37.9#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng
RT: 26.170 min Scan# 3840
Delta R.T. -0.003 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

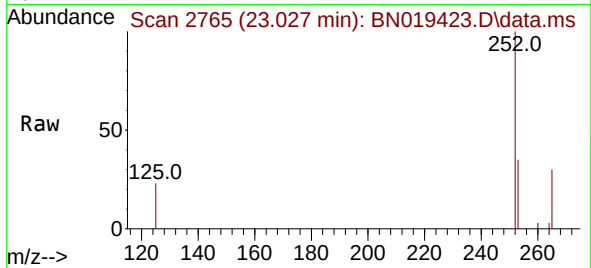
Tgt Ion:276 Resp: 3190
Ion Ratio Lower Upper
276 100
138 19.3 24.5 36.7#
277 20.3 19.8 29.8



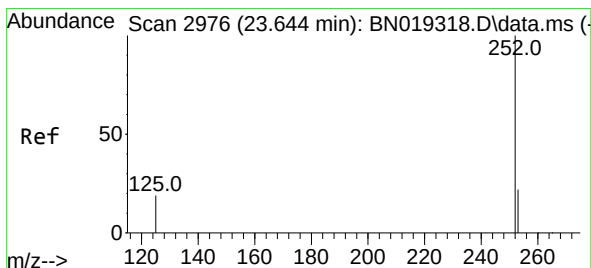
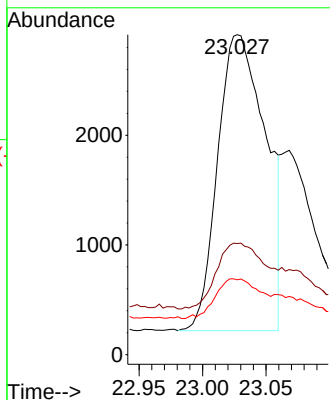


#37
Benzo(b)fluoranthene
Concen: 0.200 ng
RT: 23.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Instrument :
BNA_N
ClientSampleId :
DUP040722

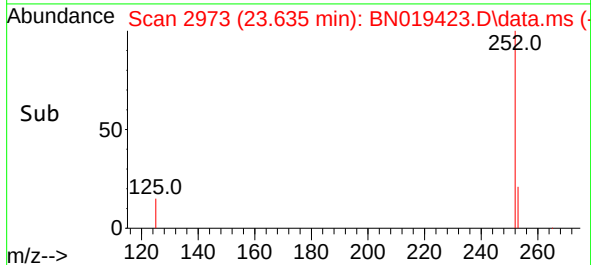
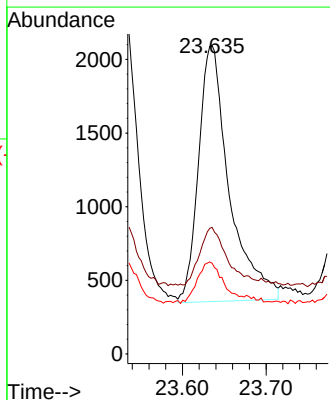
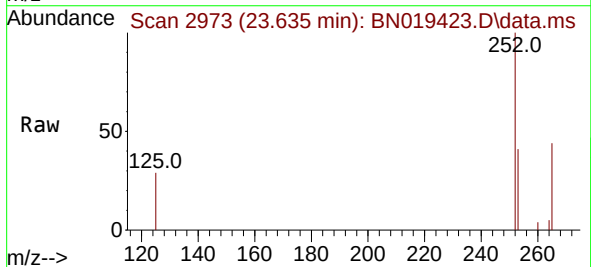


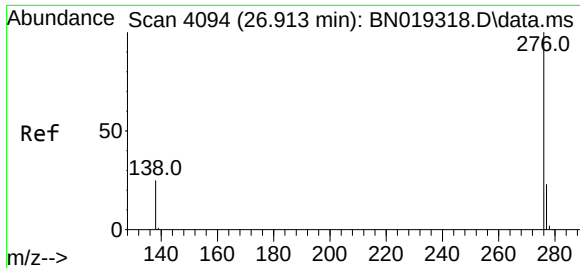
Tgt Ion:252 Resp: 7081
Ion Ratio Lower Upper
252 100
253 34.8 18.9 28.3#
125 23.4 12.1 18.1#



#39
Benzo(a)pyrene
Concen: 0.140 ng
RT: 23.635 min Scan# 2973
Delta R.T. -0.009 min
Lab File: BN019423.D
Acq: 11 Apr 2022 21:36

Tgt Ion:252 Resp: 4438
Ion Ratio Lower Upper
252 100
253 41.1 20.1 30.1#
125 29.4 15.2 22.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.147 ng
 RT: 26.904 min Scan# 4091
 Delta R.T. -0.009 min
 Lab File: BN019423.D
 Acq: 11 Apr 2022 21:36

Instrument :
 BNA_N
 ClientSampleId :
 DUP040722

Tgt Ion:276 Resp: 5153
 Ion Ratio Lower Upper
 276 100
 277 29.0 19.4 29.0
 138 30.7 21.0 31.6

