

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
 Data File : BN026799.D
 Acq On : 02 Aug 2023 18:07
 Operator : MA/JU
 Sample : SP6272
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6272

Quant Time: Aug 03 01:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

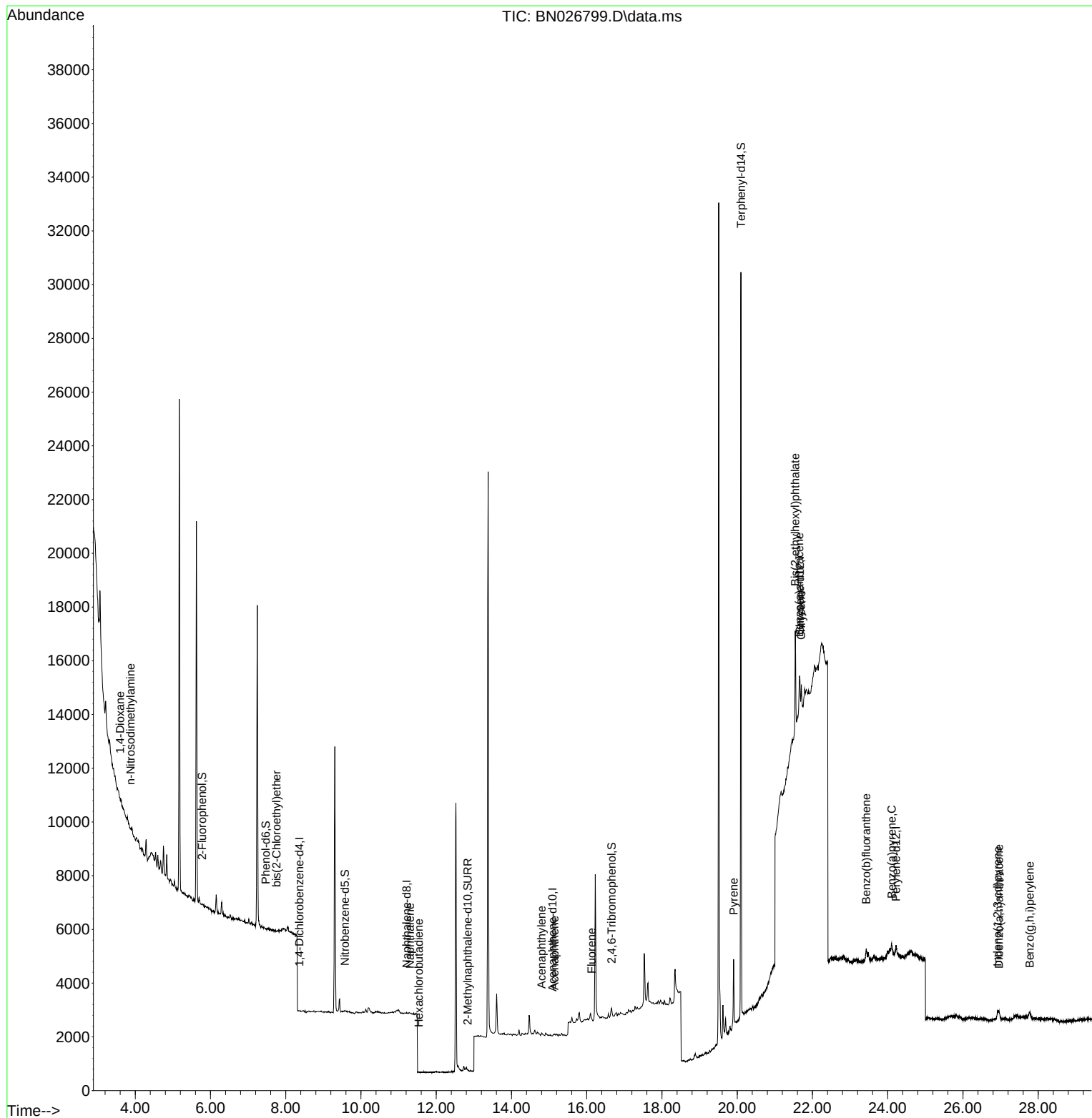
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.365	152	10	0.400	ng	# 0.24
7) Naphthalene-d8	11.216	136	6	0.400	ng	# 0.27
13) Acenaphthene-d10	15.090	164	11	0.400	ng	# 0.34
19) Phenanthrene-d10	0.000	188	0	0.000	ng	-17.49
29) Chrysene-d12	21.668	240	1088	0.400	ng	# 0.00
35) Perylene-d12	24.224	264	522	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.777	112	9	0.355	ng	0.15
5) Phenol-d6	7.467	99	16	0.488	ng	0.22
8) Nitrobenzene-d5	9.572	82	109	30.679	ng	0.27
11) 2-Methylnaphthalene-d10	12.835	152	6	0.697	ng	0.31
14) 2,4,6-Tribromophenol	16.661	330	6	1.602	ng	0.43
15) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
27) Fluoranthene-d10	19.509	212	33822	0.000	ng	0.00
31) Terphenyl-d14	20.099	244	27579	12.157	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.596	88	6	0.514	ng	# 26
3) n-Nitrosodimethylamine	3.877	42	35	2.686	ng	# 1
6) bis(2-Chloroethyl)ether	7.756	93	9	0.304	ng	# 34
9) Naphthalene	11.301	128	49	2.970	ng	# 1
10) Hexachlorobutadiene	11.534	225	1	0.334	ng	# 1
16) Acenaphthylene	14.801	152	58	1.067	ng	# 1
17) Acenaphthene	15.143	154	5	0.147	ng	# 1
18) Fluorene	16.127	166	98	2.207	ng	# 70
30) Pyrene	19.904	202	2733	0.581	ng	# 93
32) Benzo(a)anthracene	21.650	228	1333	0.357	ng	# 10
33) Chrysene	21.703	228	941	0.228	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.542	149	3969	3.206	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.922	276	219	0.103	ng	# 68
37) Benzo(b)fluoranthene	23.428	252	787	0.383	ng	# 1
39) Benzo(a)pyrene	24.104	252	576	0.308	ng	# 1
40) Dibenzo(a,h)anthracene	26.960	278	98	0.059	ng	# 1
41) Benzo(g,h,i)perylene	27.773	276	541	0.276	ng	# 8

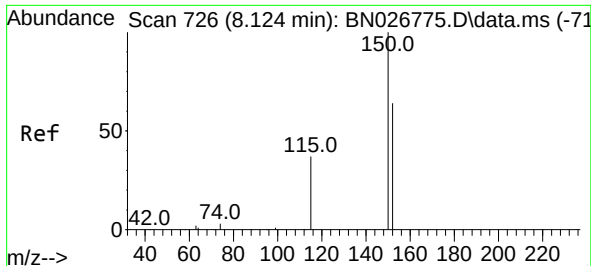
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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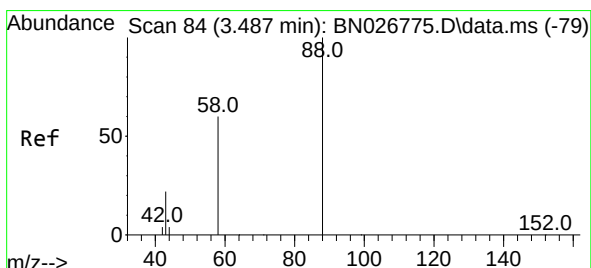
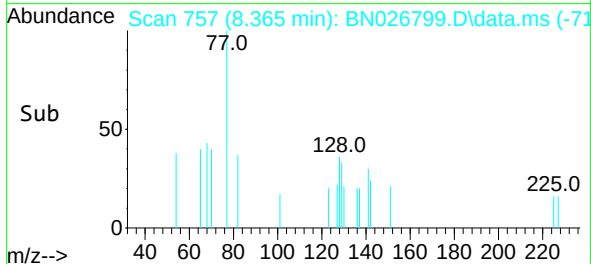
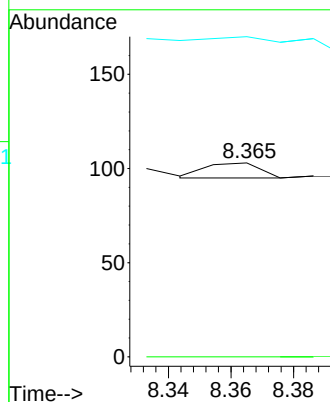
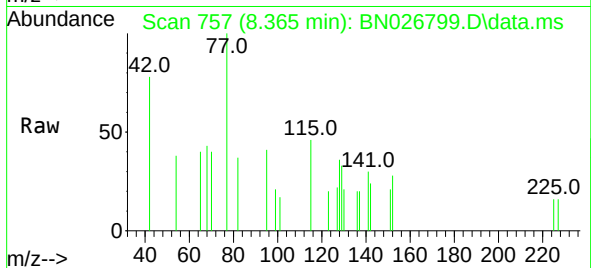




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.365 min Scan# 71
Delta R.T. 0.241 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

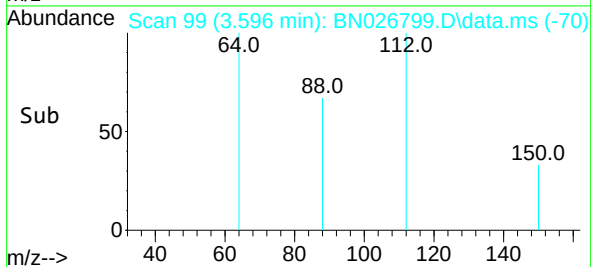
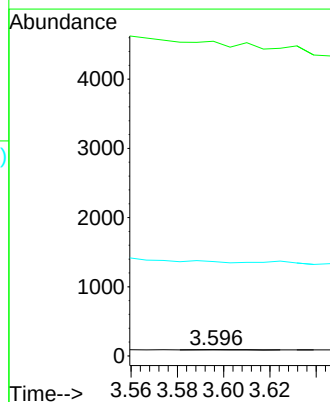
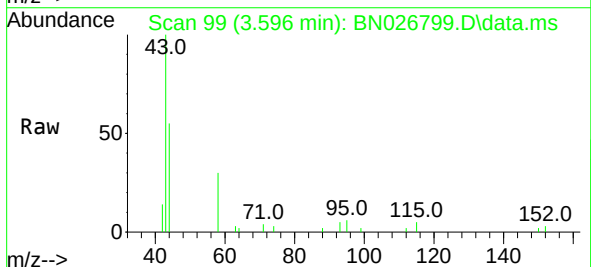
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SP6272

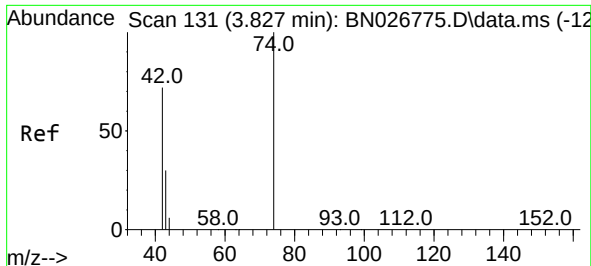
Tgt Ion:152 Resp: 10
Ion Ratio Lower Upper
152 100
150 0.0 123.8 185.8#
115 165.0 48.0 72.0#



#2
1,4-Dioxane
Concen: 0.514 ng
RT: 3.596 min Scan# 99
Delta R.T. 0.108 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion: 88 Resp: 6
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5#
58 0.0 53.3 79.9#





#3

n-Nitrosodimethylamine

Concen: 2.686 ng

RT: 3.877 min Scan# 11

Delta R.T. 0.051 min

Lab File: BN026799.D

Acq: 02 Aug 2023 18:07

Instrument :

BNA_N

ClientSampleId :

SP6272

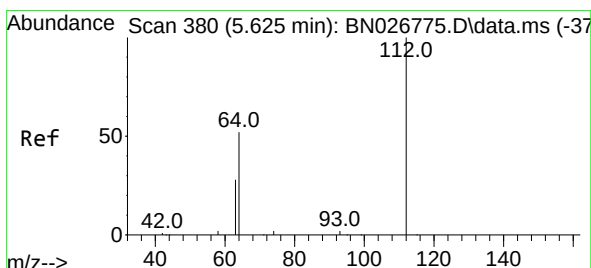
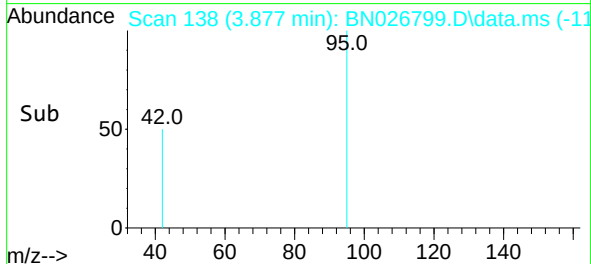
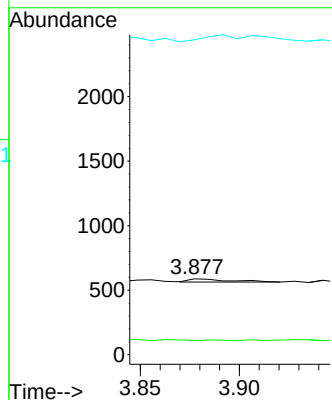
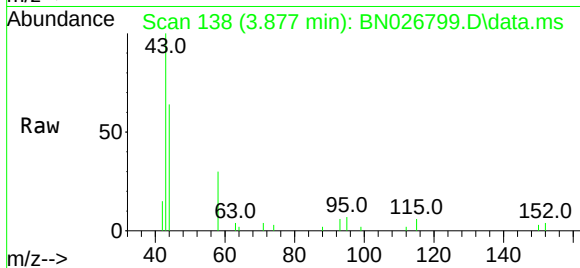
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

42 100

74 0.0 106.4 159.6#

44 168.6 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.355 ng

RT: 5.777 min Scan# 401

Delta R.T. 0.152 min

Lab File: BN026799.D

Acq: 02 Aug 2023 18:07

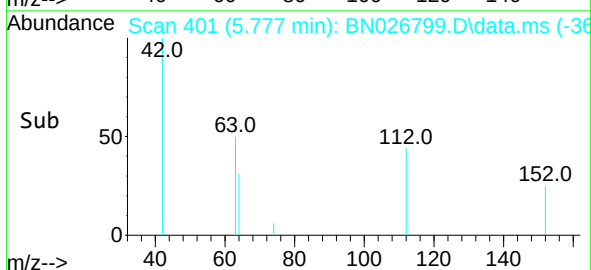
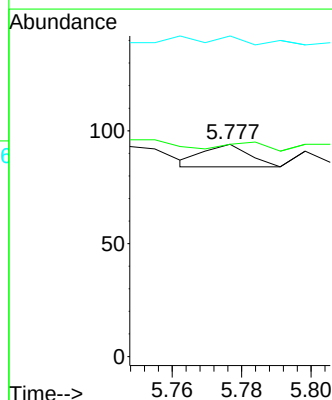
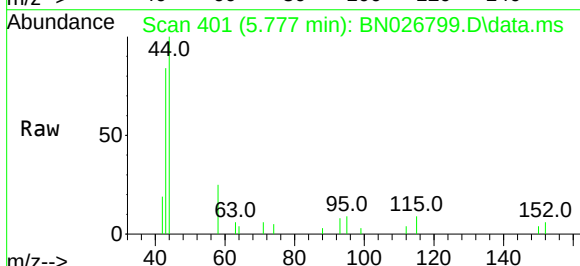
Tgt Ion: 112 Resp: 9

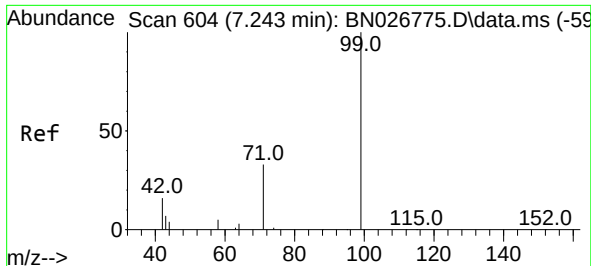
Ion Ratio Lower Upper

112 100

64 33.3 42.2 63.2#

63 0.0 22.7 34.1#

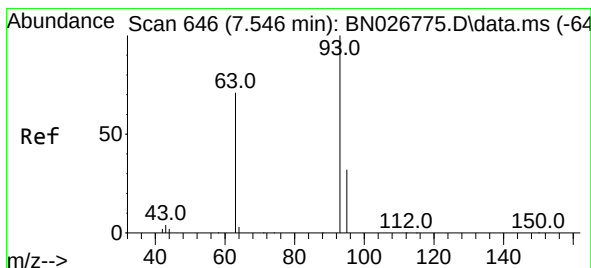
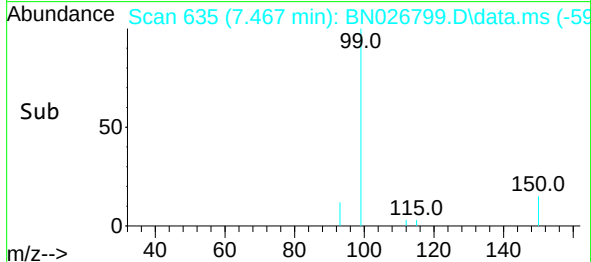
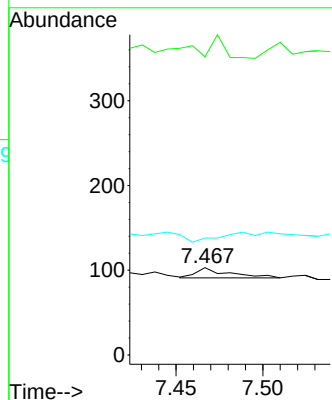
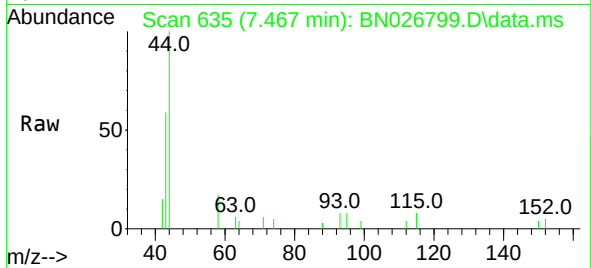




#5
Phenol-d6
Concen: 0.488 ng
RT: 7.467 min Scan# 61
Delta R.T. 0.224 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

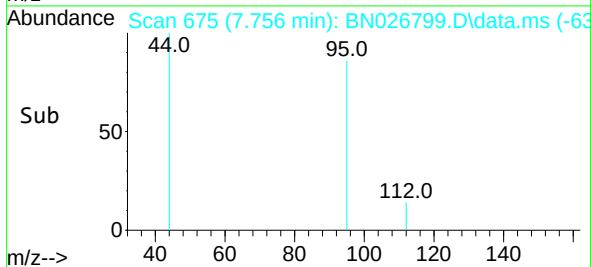
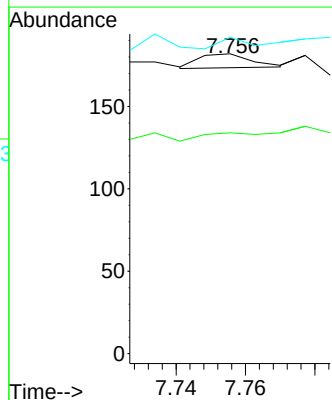
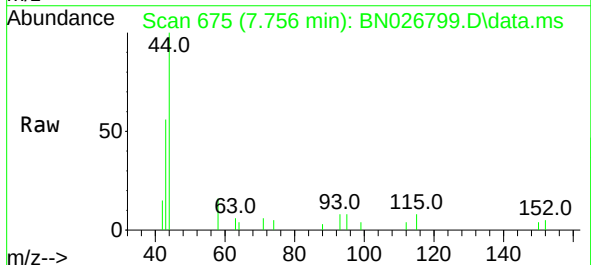
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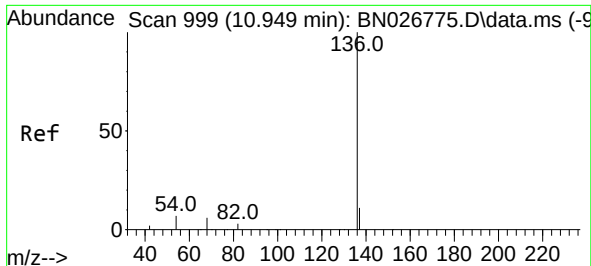
Tgt Ion: 99 Resp: 16
Ion Ratio Lower Upper
99 100
42 0.0 14.6 22.0#
71 0.0 26.6 40.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.304 ng
RT: 7.756 min Scan# 675
Delta R.T. 0.209 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion: 93 Resp: 9
Ion Ratio Lower Upper
93 100
63 0.0 56.7 85.1#
95 44.4 25.9 38.9#

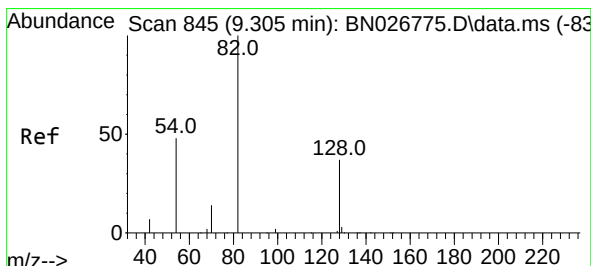
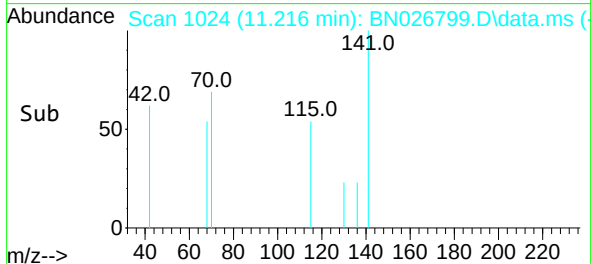
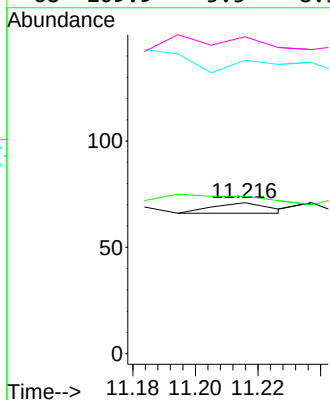
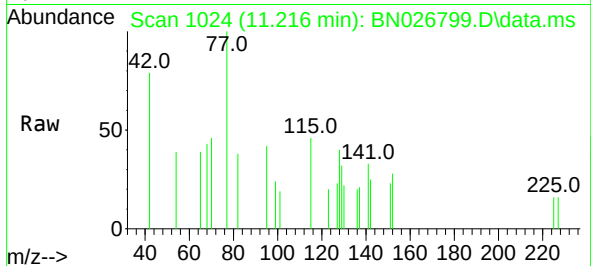




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.216 min Scan# 11
Delta R.T. 0.267 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

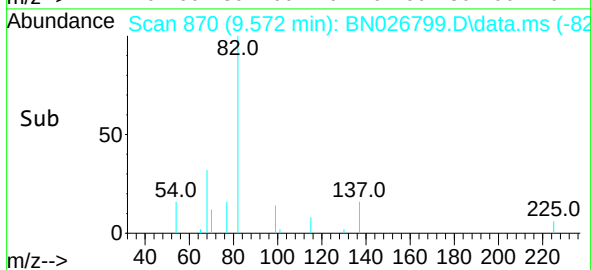
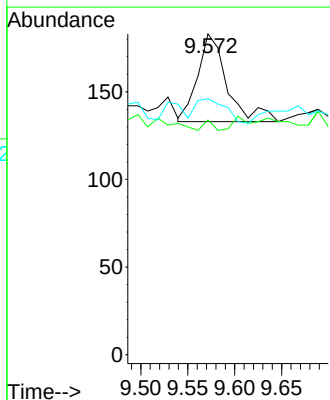
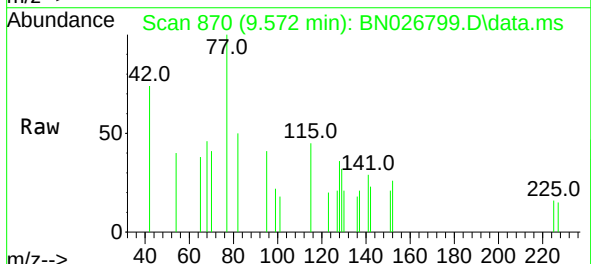
Instrument :
BNA_N
ClientSampleId :
SP6272

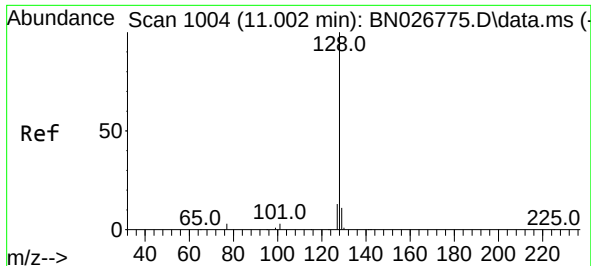
Tgt Ion:136 Resp: 6
Ion Ratio Lower Upper
136 100
137 104.2 9.0 13.4#
54 194.4 6.2 9.2#
68 209.9 5.5 8.3#



#8
Nitrobenzene-d5
Concen: 30.679 ng
RT: 9.572 min Scan# 870
Delta R.T. 0.267 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion: 82 Resp: 109
Ion Ratio Lower Upper
82 100
128 73.2 30.5 45.7#
54 79.8 39.4 59.2#

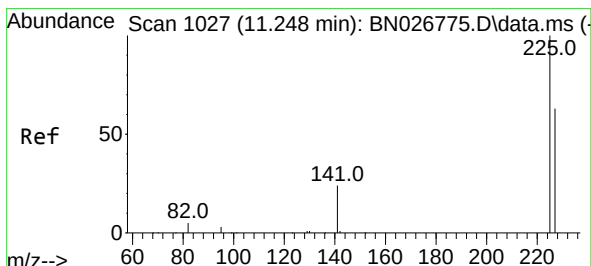
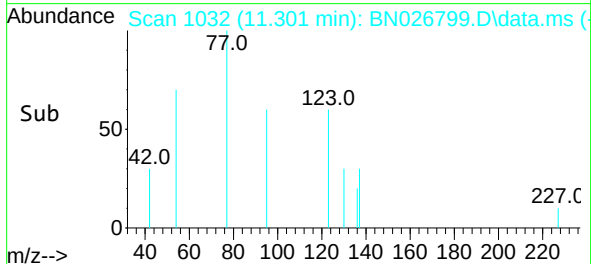
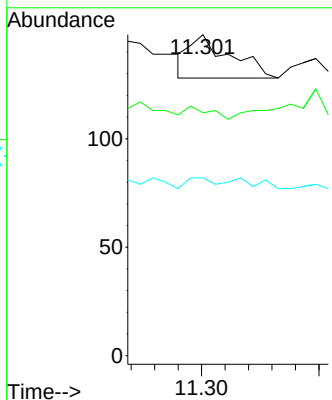
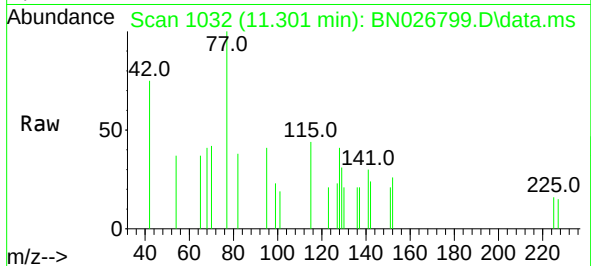




#9
Naphthalene
Concen: 2.970 ng
RT: 11.301 min Scan# 1059
Delta R.T. 0.299 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

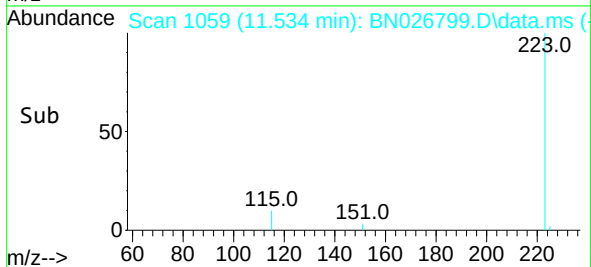
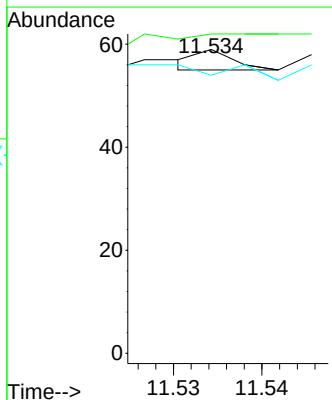
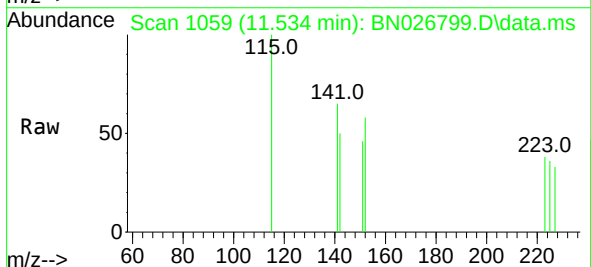
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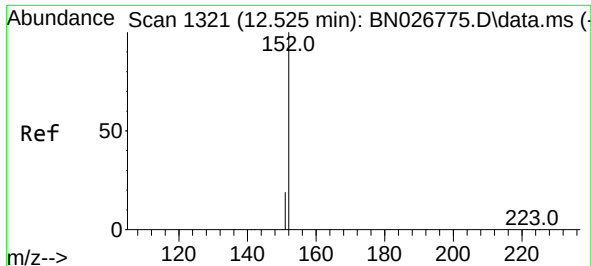
Tgt Ion:128 Resp: 49
Ion Ratio Lower Upper
128 100
129 75.7 9.0 13.4#
127 55.4 10.6 16.0#



#10
Hexachlorobutadiene
Concen: 0.334 ng
RT: 11.534 min Scan# 1059
Delta R.T. 0.286 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 300.0 50.5 75.7#

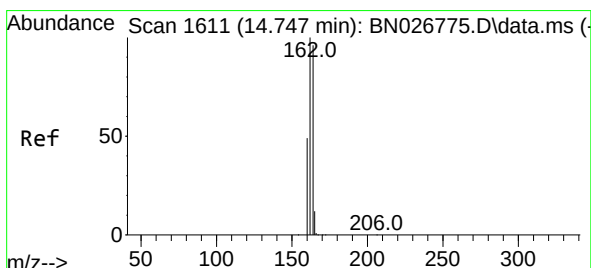
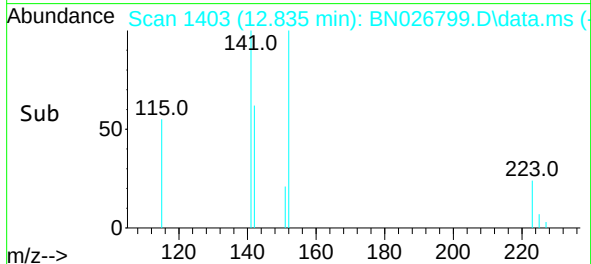
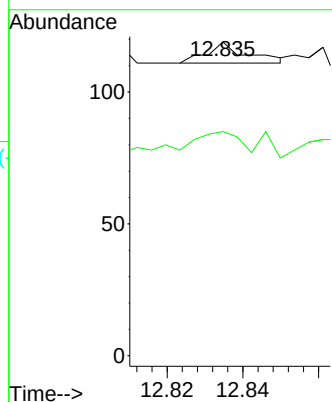
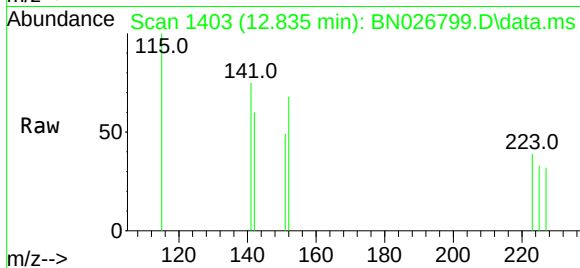




#11
2-Methylnaphthalene-d10
Concen: 0.697 ng
RT: 12.835 min Scan# 1403
Delta R.T. 0.310 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

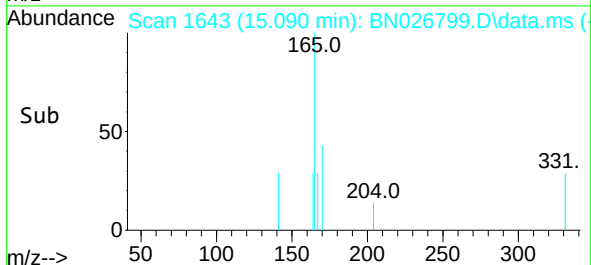
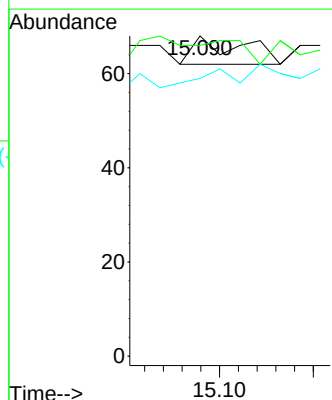
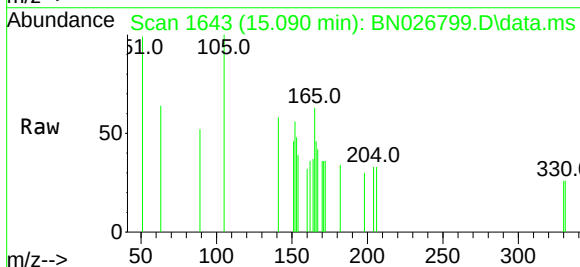
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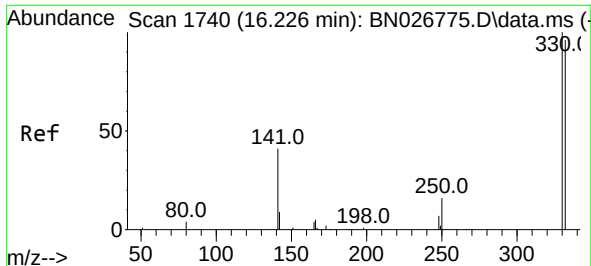
Tgt Ion:152 Resp: 6
Ion Ratio Lower Upper
152 100
151 200.0 16.5 24.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.090 min Scan# 1643
Delta R.T. 0.342 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion:164 Resp: 11
Ion Ratio Lower Upper
164 100
162 97.1 83.0 124.6
160 86.8 40.8 61.2#

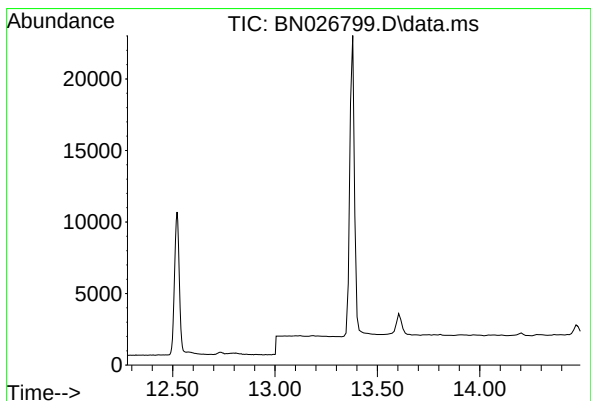
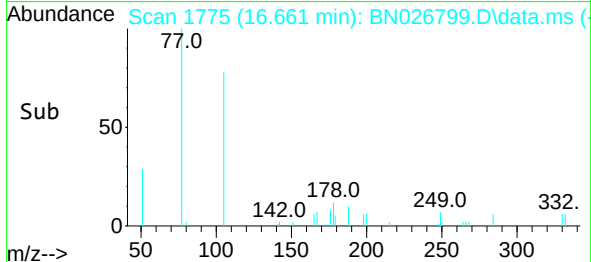
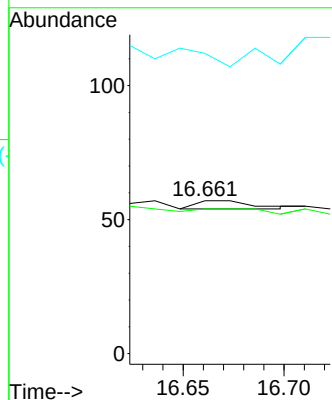
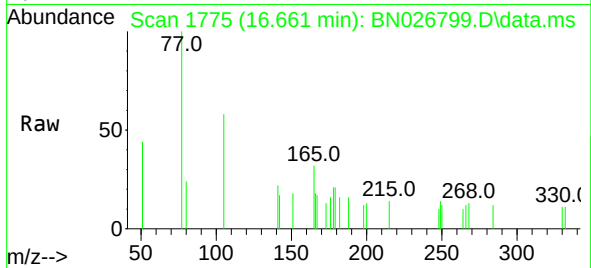




#14
2,4,6-Tribromophenol
Concen: 1.602 ng
RT: 16.661 min Scan# 11
Delta R.T. 0.434 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Instrument :
BNA_N
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SP6272

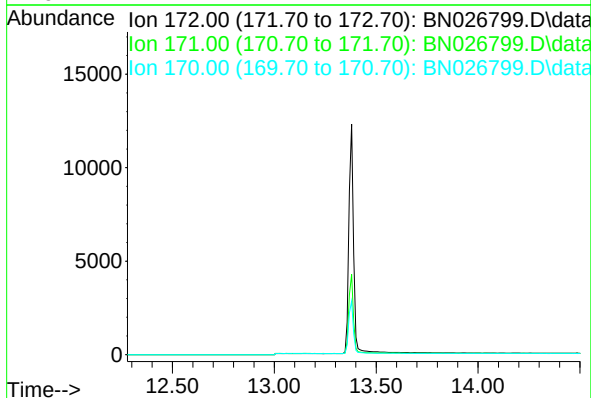
Tgt Ion:330 Resp: 6
Ion Ratio Lower Upper
330 100
332 66.7 77.8 116.6#
141 0.0 34.8 52.2#

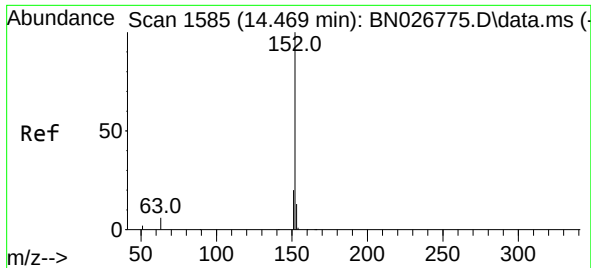


#15
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.38 min

Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.0
170 24.0

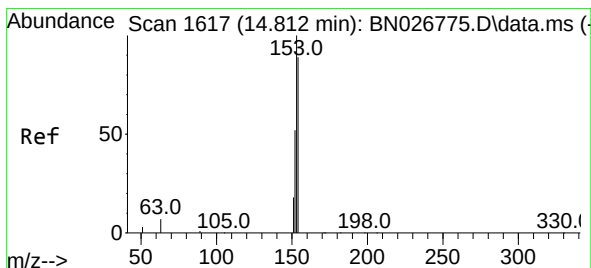
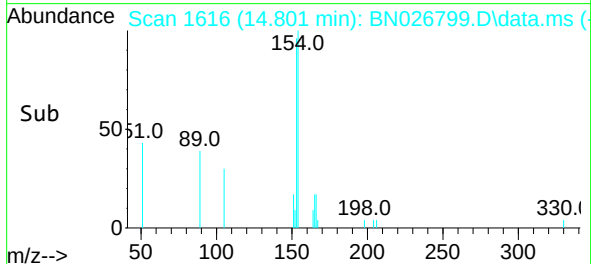
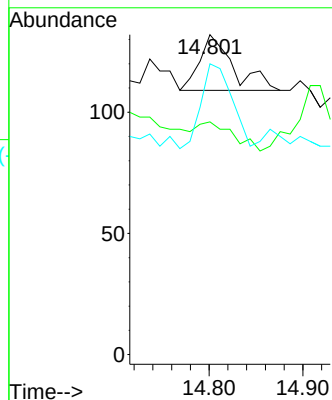
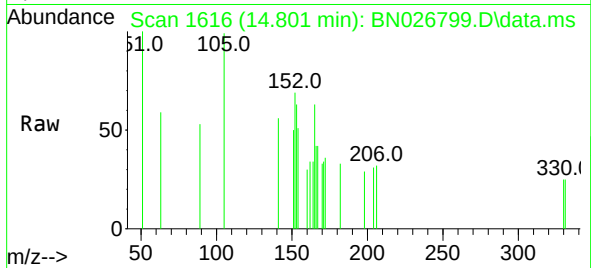




#16
Acenaphthylene
Concen: 1.067 ng
RT: 14.801 min Scan# 1616
Delta R.T. 0.331 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

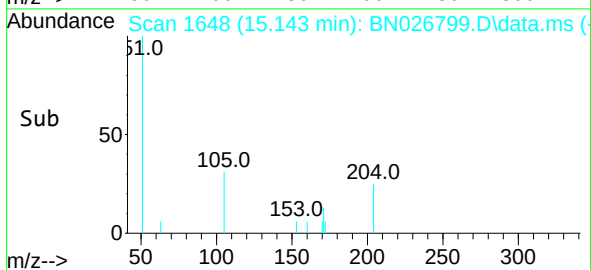
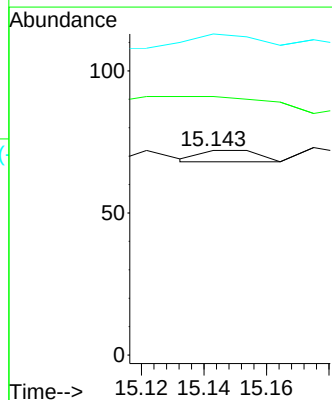
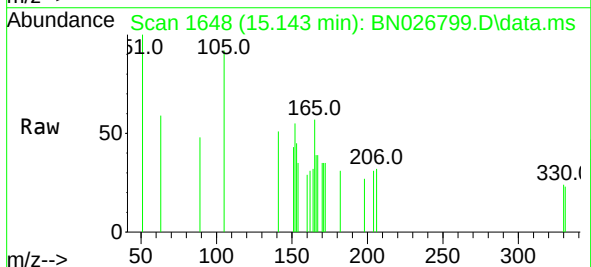
Instrument :
BNA_N
ClientSampleId :
SP6272

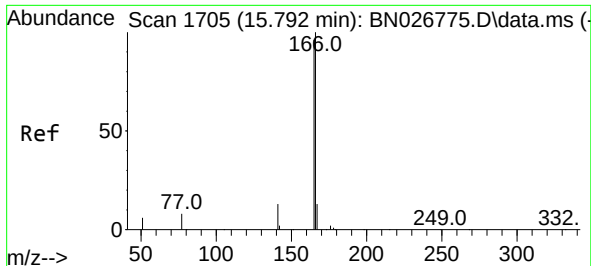
Tgt Ion:152 Resp: 58
Ion Ratio Lower Upper
152 100
151 53.4 15.7 23.5#
153 158.6 10.5 15.7#



#17
Acenaphthene
Concen: 0.147 ng
RT: 15.143 min Scan# 1648
Delta R.T. 0.331 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion:154 Resp: 5
Ion Ratio Lower Upper
154 100
153 0.0 90.0 135.0#
152 620.0 48.6 73.0#

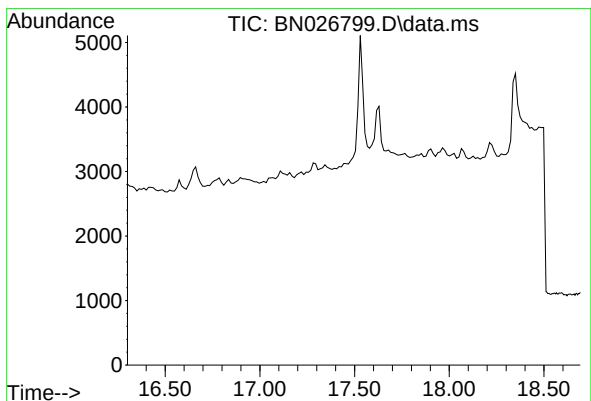
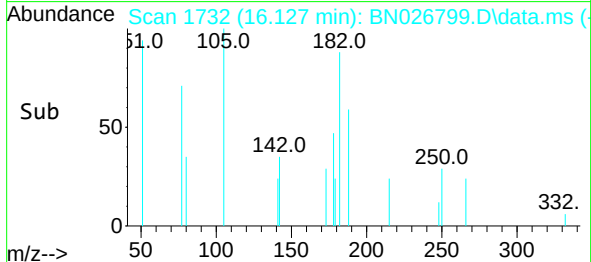
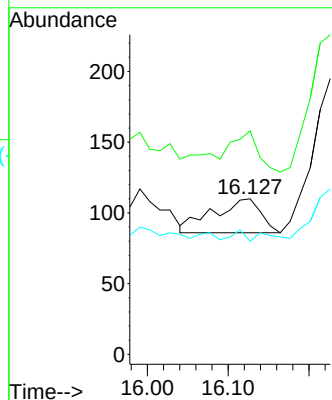
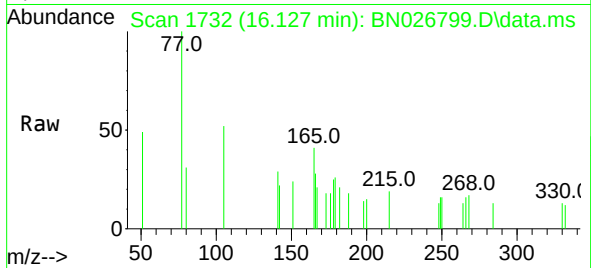




#18
Fluorene
Concen: 2.207 ng
RT: 16.127 min Scan# 11
Delta R.T. 0.335 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Instrument :
BNA_N
ClientSampleId :
SP6272

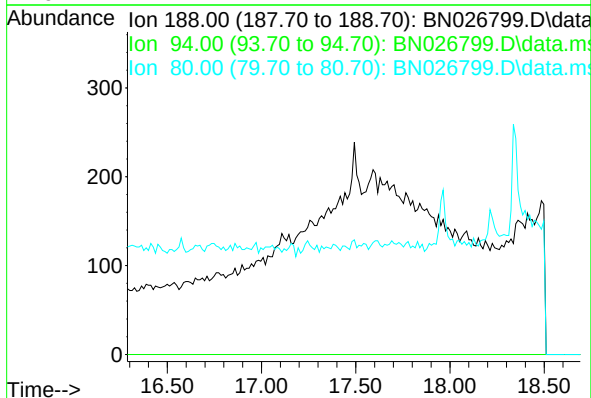
Tgt Ion:166 Resp: 98
Ion Ratio Lower Upper
166 100
165 65.3 79.0 118.6#
167 11.2 10.9 16.3

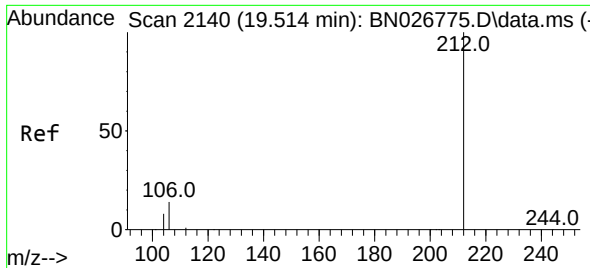


#19
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.49 min

Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion: 188
Sig Exp Ratio
188 100
94 0.0
80 10.0

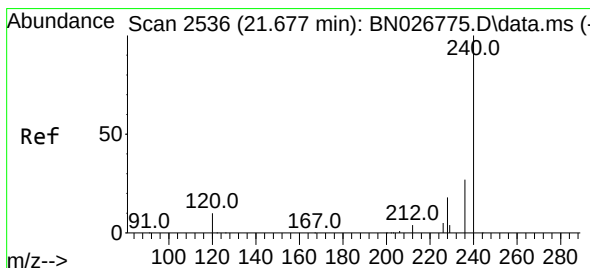
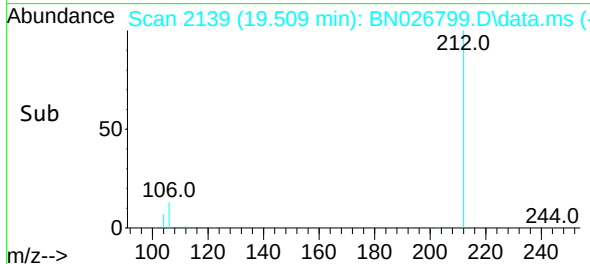
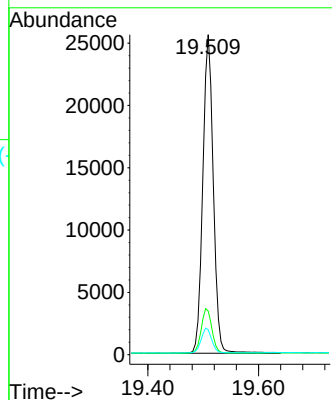
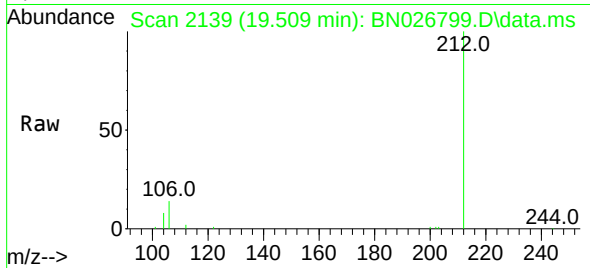




#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.509 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

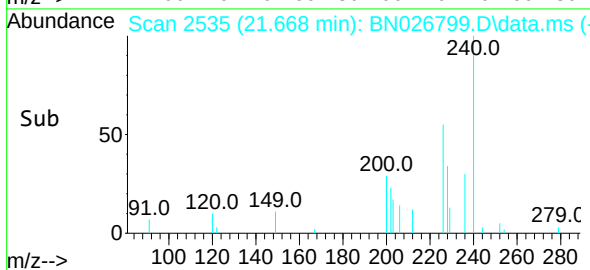
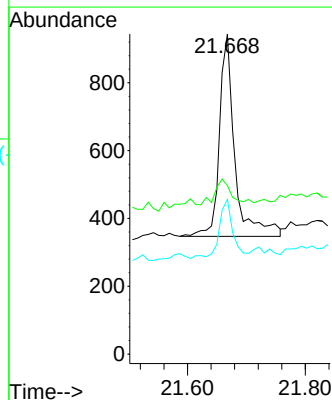
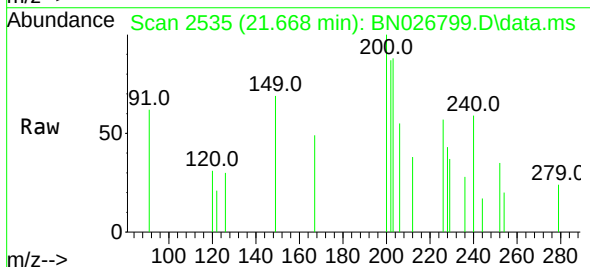
Instrument :
BNA_N
ClientSampleId :
SP6272

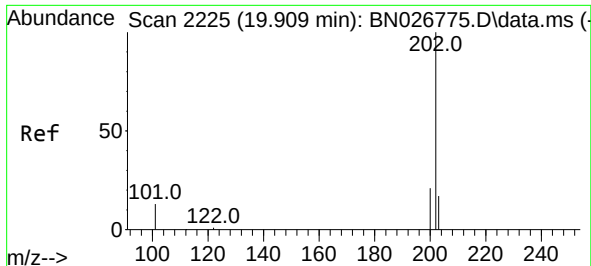
Tgt Ion:212 Resp: 33822
Ion Ratio Lower Upper
212 100
106 14.3 11.7 17.5
104 7.9 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.668 min Scan# 2535
Delta R.T. -0.009 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion:240 Resp: 1088
Ion Ratio Lower Upper
240 100
120 52.6 9.2 13.8#
236 48.3 21.9 32.9#

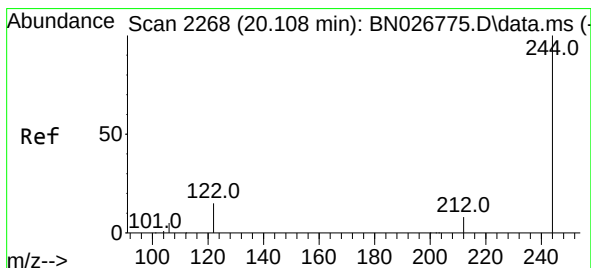
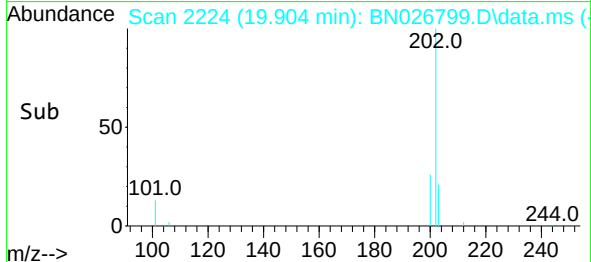
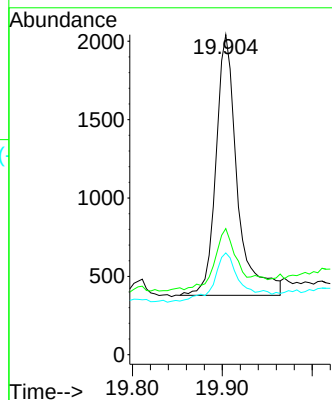
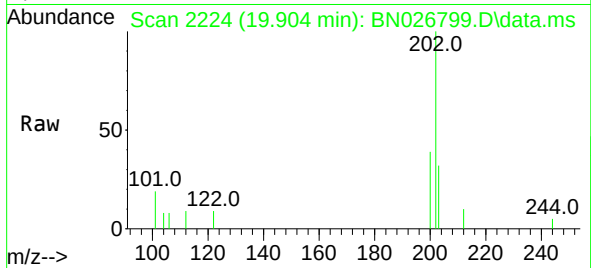




#30
 Pyrene
 Concen: 0.581 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026799.D
 Acq: 02 Aug 2023 18:07

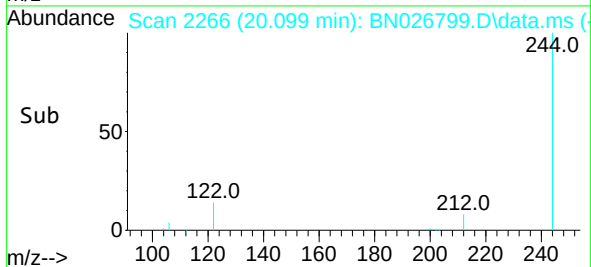
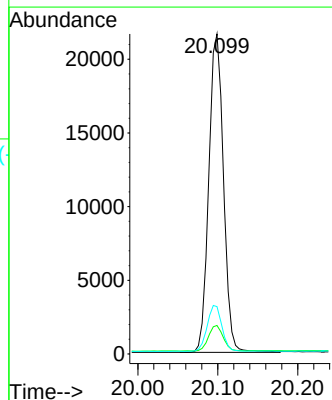
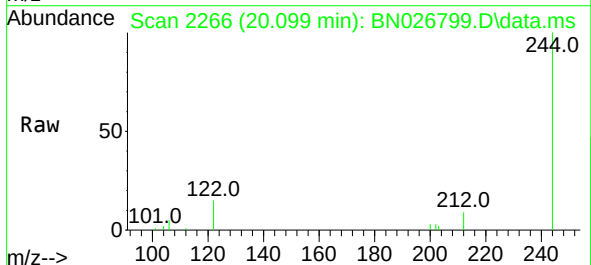
Instrument :
 BNA_N
 ClientSampleId :
 SP6272

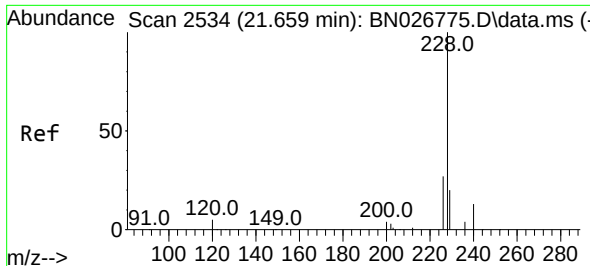
Tgt Ion:202 Resp: 2733
 Ion Ratio Lower Upper
 202 100
 200 23.9 16.8 25.2
 203 21.5 14.2 21.2#



#31
 Terphenyl-d14
 Concen: 12.157 ng
 RT: 20.099 min Scan# 2266
 Delta R.T. -0.009 min
 Lab File: BN026799.D
 Acq: 02 Aug 2023 18:07

Tgt Ion:244 Resp: 27579
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.4
 122 14.8 12.3 18.5

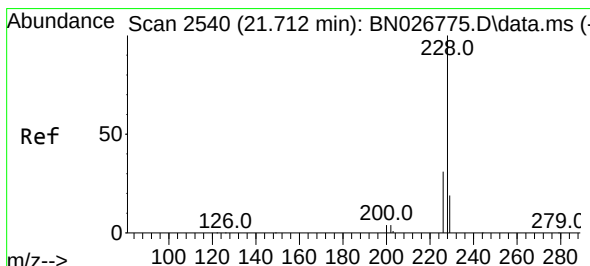
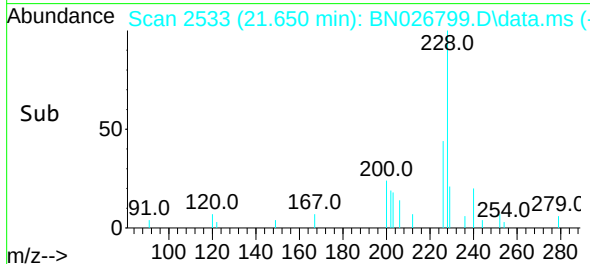
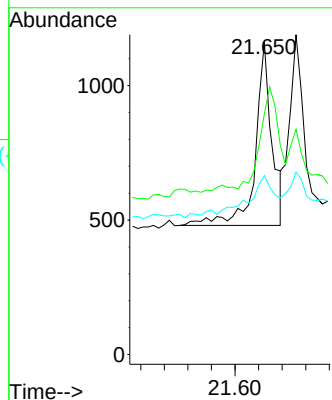
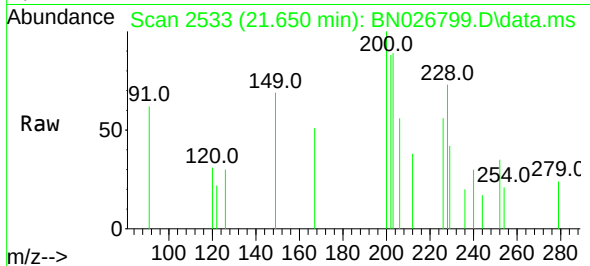




#32
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.650 min Scan# 2163
Delta R.T. -0.009 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

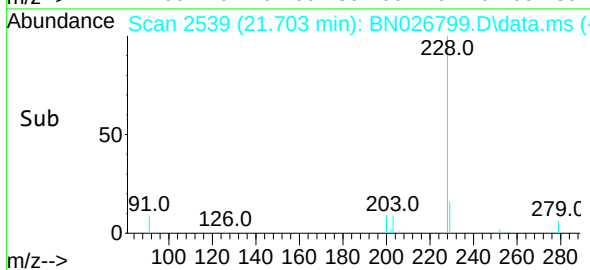
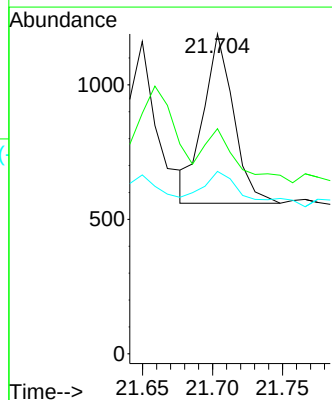
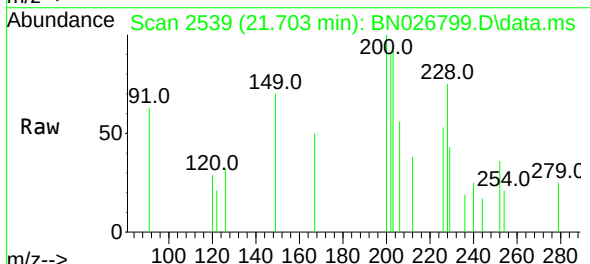
Instrument :
BNA_N
ClientSampleId :
SP6272

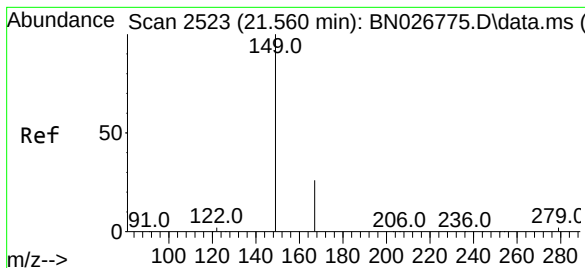
Tgt Ion:228 Resp: 1333
Ion Ratio Lower Upper
228 100
226 77.0 21.9 32.9#
229 57.3 15.8 23.8#



#33
Chrysene
Concen: 0.228 ng
RT: 21.703 min Scan# 2539
Delta R.T. -0.009 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion:228 Resp: 941
Ion Ratio Lower Upper
228 100
226 70.4 24.6 36.8#
229 57.0 15.4 23.2#

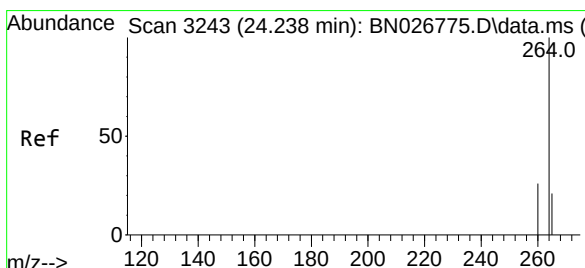
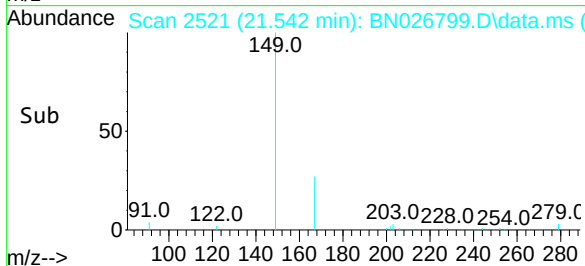
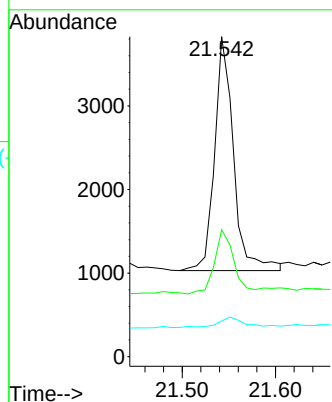
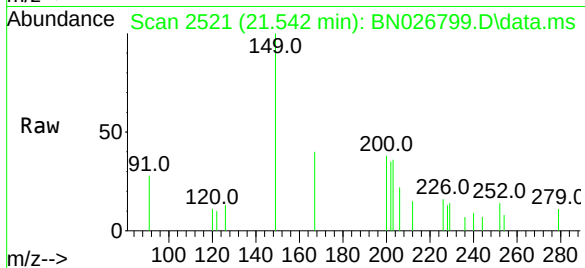




#34
Bis(2-ethylhexyl)phthalate
Concen: 3.206 ng
RT: 21.542 min Scan# 21521
Delta R.T. -0.018 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

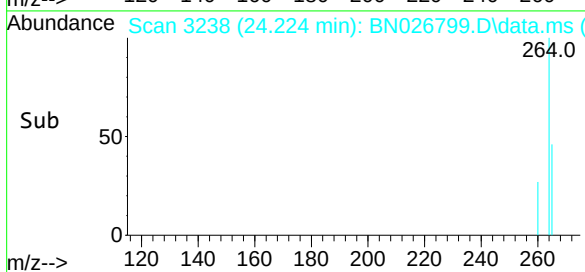
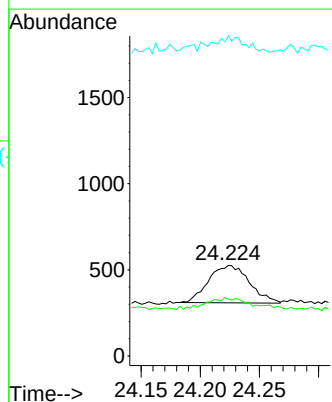
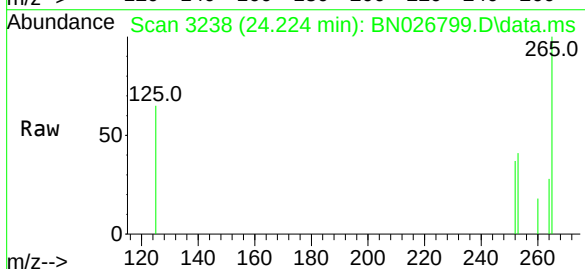
Instrument :
BNA_N
ClientSampleId :
SP6272

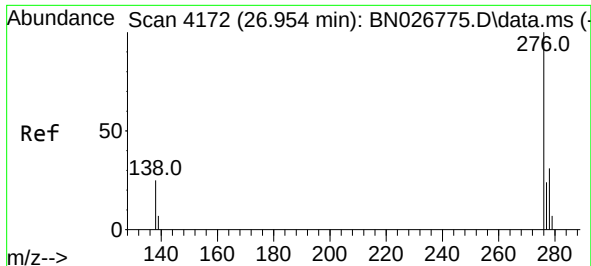
Tgt Ion:149 Resp: 3969
Ion Ratio Lower Upper
149 100
167 27.9 20.8 31.2
279 6.6 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.224 min Scan# 3238
Delta R.T. -0.015 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

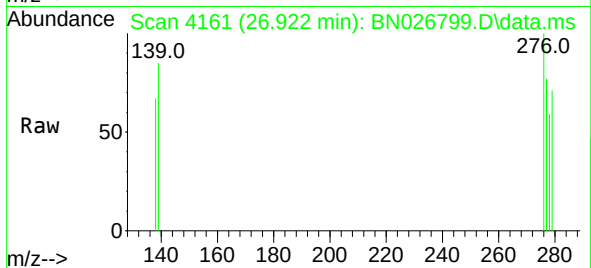
Tgt Ion:264 Resp: 522
Ion Ratio Lower Upper
264 100
260 62.7 21.0 31.6#
265 353.2 22.6 33.8#



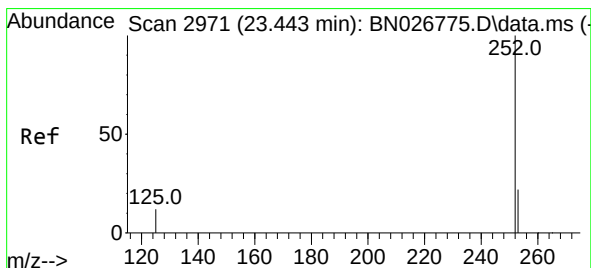
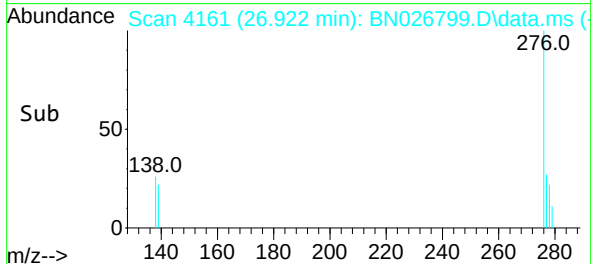
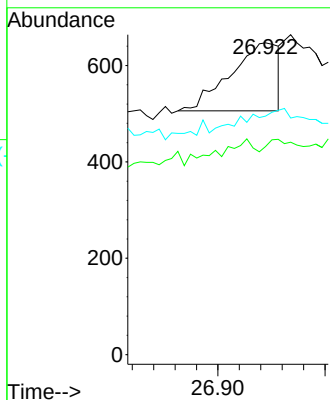


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 26.922 min Scan# 4172
Delta R.T. -0.032 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Instrument :
BNA_N
ClientSampleId :
SP6272

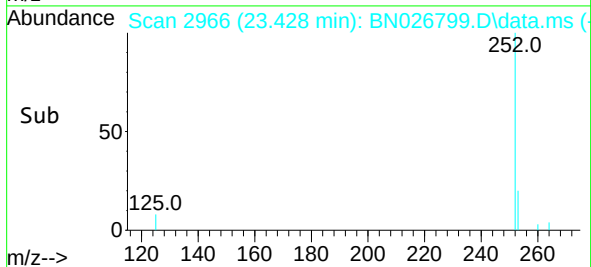
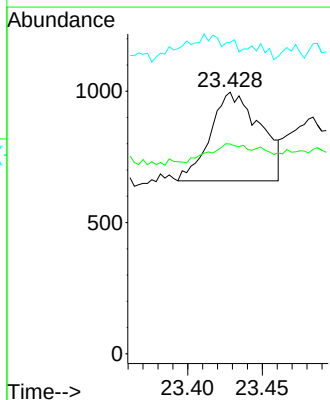
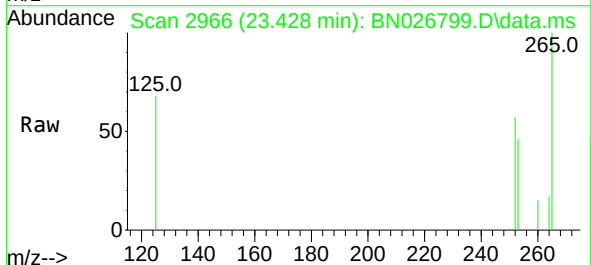


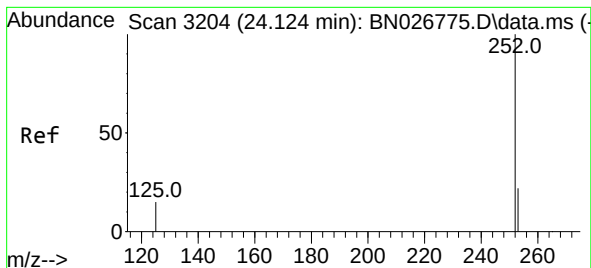
Tgt Ion:276 Resp: 219
Ion Ratio Lower Upper
276 100
138 10.0 22.8 34.2#
277 38.8 19.9 29.9#



#37
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.428 min Scan# 2966
Delta R.T. -0.015 min
Lab File: BN026799.D
Acq: 02 Aug 2023 18:07

Tgt Ion:252 Resp: 787
Ion Ratio Lower Upper
252 100
253 80.2 17.8 26.8#
125 119.1 10.8 16.2#





#39

Benzo(a)pyrene

Concen: 0.308 ng

RT: 24.104 min Scan# 31

Delta R.T. -0.020 min

Lab File: BN026799.D

Acq: 02 Aug 2023 18:07

Instrument :

BNA_N

ClientSampleId :

SP6272

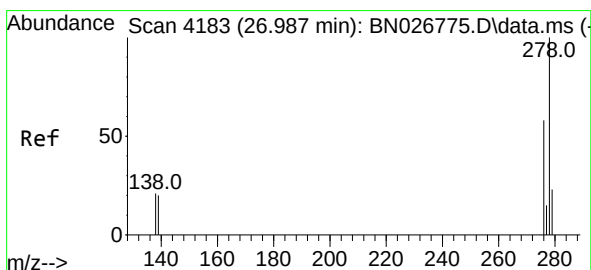
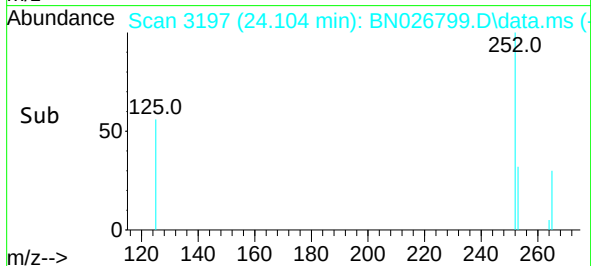
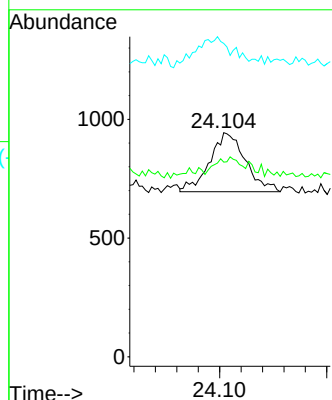
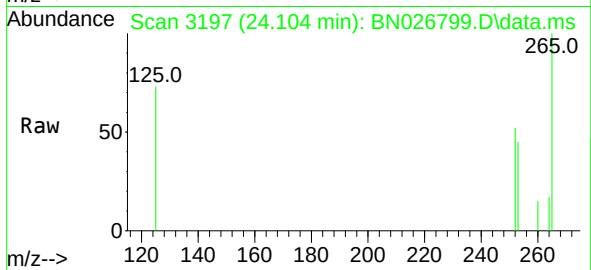
Tgt Ion:252 Resp: 576

Ion Ratio Lower Upper

252 100

253 86.9 18.5 27.7#

125 139.8 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.059 ng

RT: 26.960 min Scan# 4174

Delta R.T. -0.026 min

Lab File: BN026799.D

Acq: 02 Aug 2023 18:07

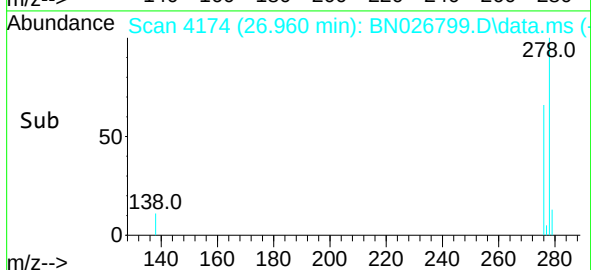
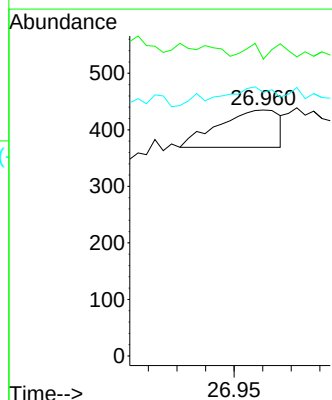
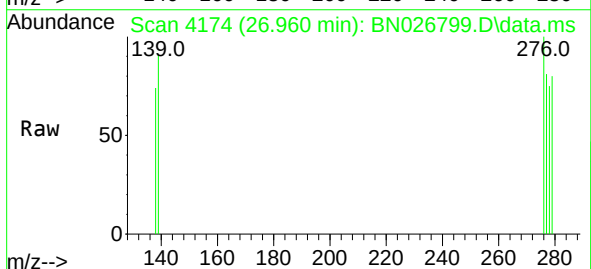
Tgt Ion:278 Resp: 98

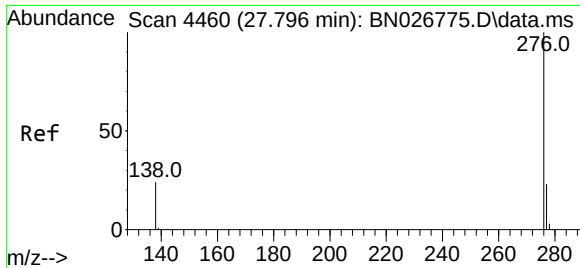
Ion Ratio Lower Upper

278 100

139 120.7 16.8 25.2#

279 107.1 19.5 29.3#





#41

Benzo(g,h,i)perylene

Concen: 0.276 ng

RT: 27.773 min Scan# 44

Delta R.T. -0.023 min

Lab File: BN026799.D

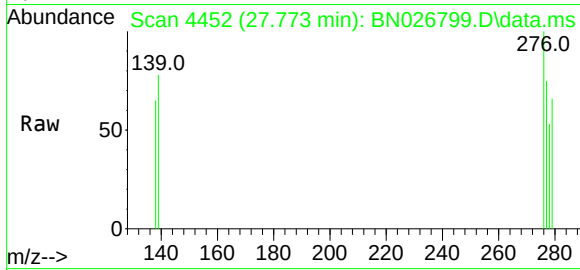
Acq: 02 Aug 2023 18:07

Instrument :

BNA_N

ClientSampleId :

SP6272



Tgt Ion:276 Resp: 541

Ion Ratio Lower Upper

276 100

277 74.9 19.1 28.7#

138 64.7 19.8 29.6#

