

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028361.D
 Acq On : 24 Oct 2023 01:01
 Operator : MA/JU
 Sample : 04909-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LCOL-12

Quant Time: Oct 24 03:23:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

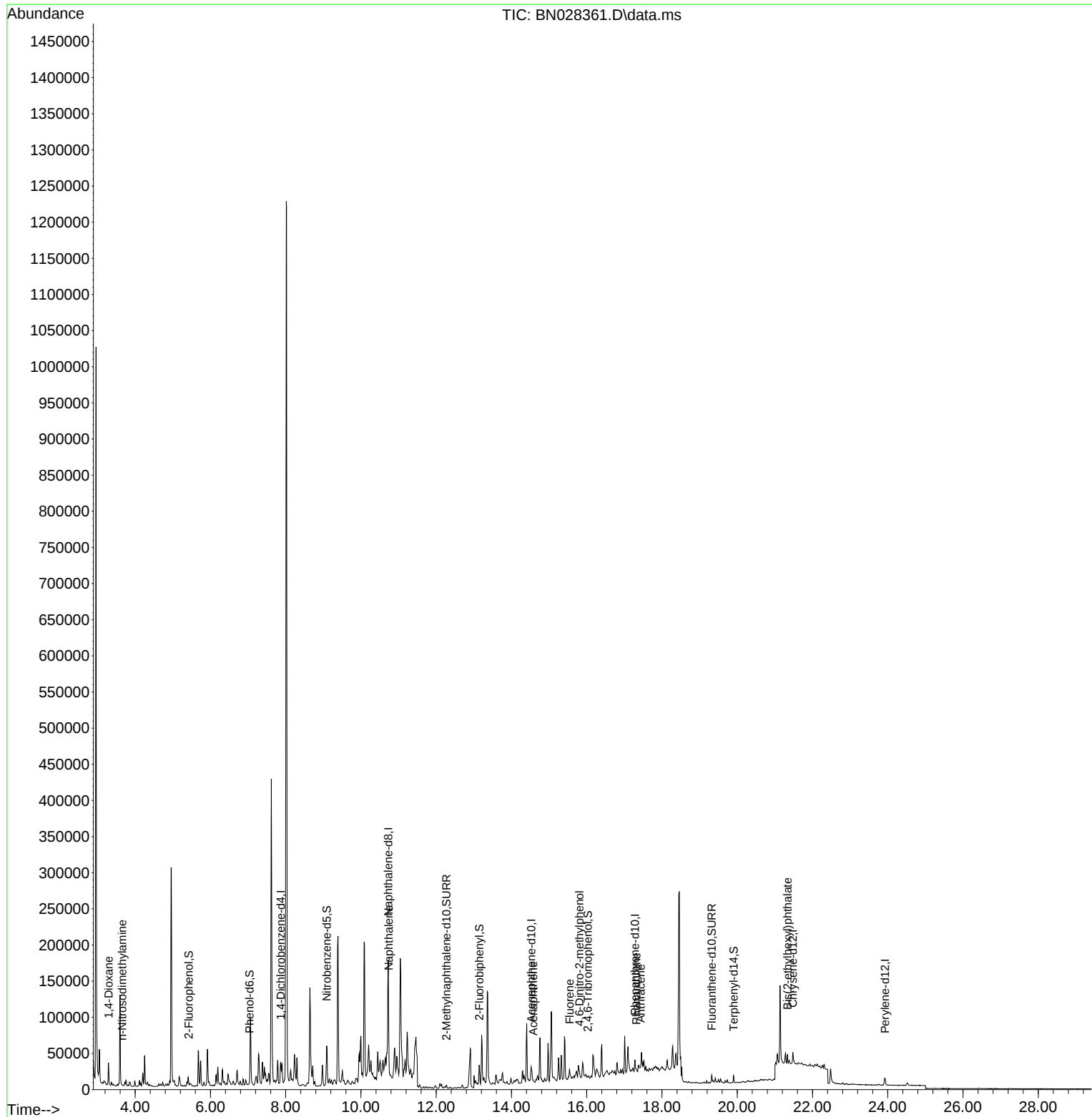
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4594	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	108440	0.400	ng	# 0.02
13) Acenaphthene-d10	14.523	164	11135	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	22477	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	15161	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	14838	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1923	0.135	ng	0.00
5) Phenol-d6	7.040	99	1564	0.089	ng	-0.01
8) Nitrobenzene-d5	9.091	82	18238	0.190	ng	-0.01
11) 2-Methylnaphthalene-d10	12.271	152	6142	0.038	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	1376	0.253	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	9420	0.240	ng	-0.02
27) Fluoranthene-d10	19.323	212	10704	0.178	ng	0.00
31) Terphenyl-d14	19.904	244	8768	0.272	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	17936	3.231	ng	# 90
3) n-Nitrosodimethylamine	3.653	42	490	0.081	ng	# 87
9) Naphthalene	10.735	128	13961	0.050	ng	96
17) Acenaphthene	14.576	154	1105	0.035	ng	# 75
18) Fluorene	15.544	166	2157	0.052	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.804	198	109	0.253	ng	# 1
25) Phenanthrene	17.319	178	1761	0.029	ng	# 50
26) Anthracene	17.430	178	3149	0.054	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.336	149	10062	0.245	ng	# 94

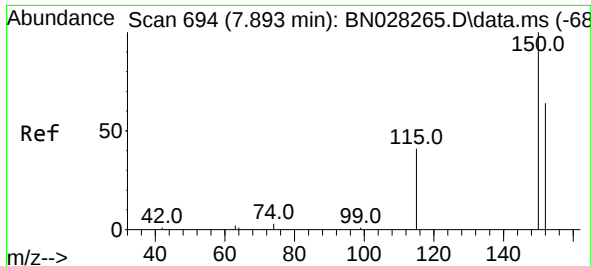
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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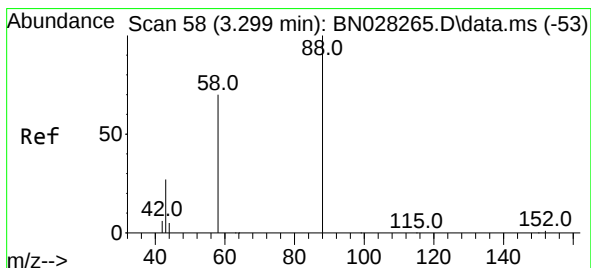
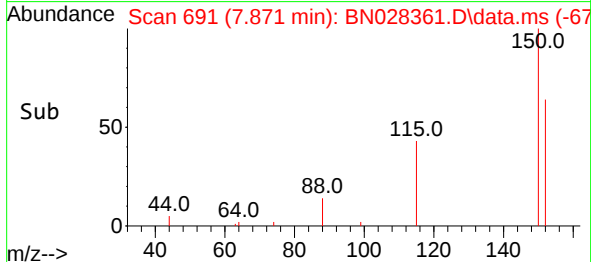
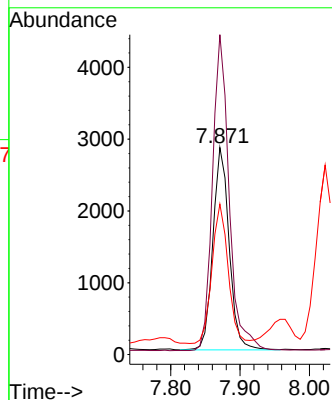
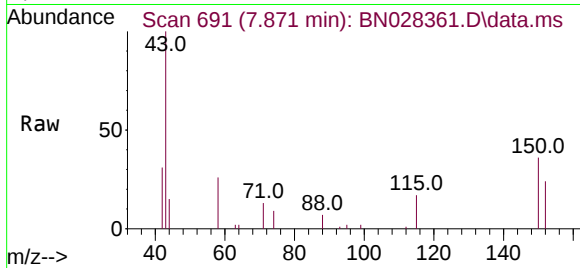




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.871 min Scan# 69
 Delta R.T. -0.007 min
 Lab File: BN028361.D
 Acq: 24 Oct 2023 01:01

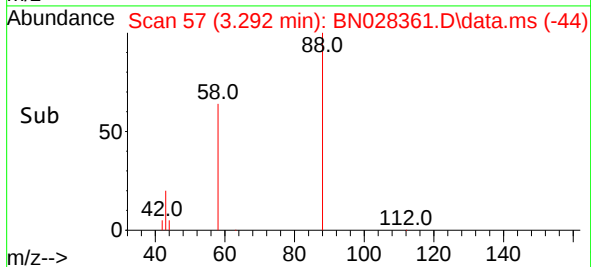
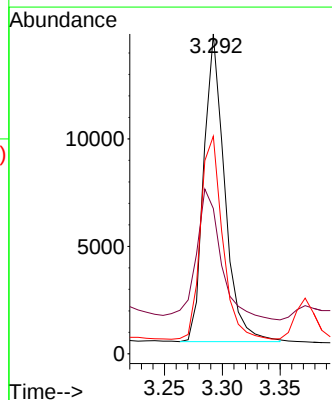
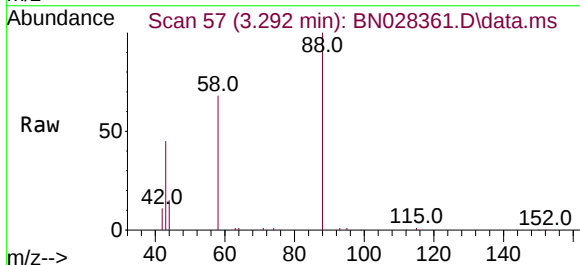
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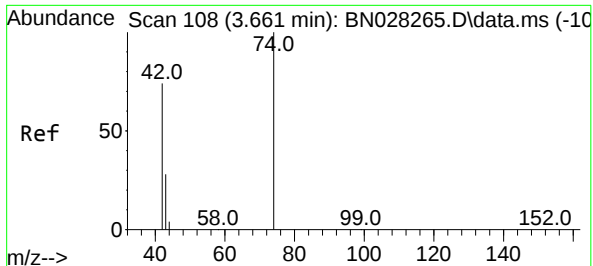
Tgt Ion:152 Resp: 4594
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.6 182.4
 115 72.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.231 ng
 RT: 3.292 min Scan# 57
 Delta R.T. -0.007 min
 Lab File: BN028361.D
 Acq: 24 Oct 2023 01:01

Tgt Ion: 88 Resp: 17936
 Ion Ratio Lower Upper
 88 100
 43 50.9 26.6 39.8#
 58 69.4 55.4 83.0

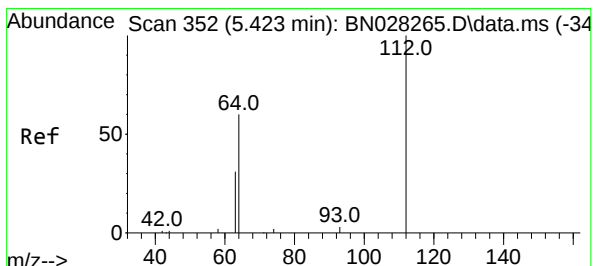
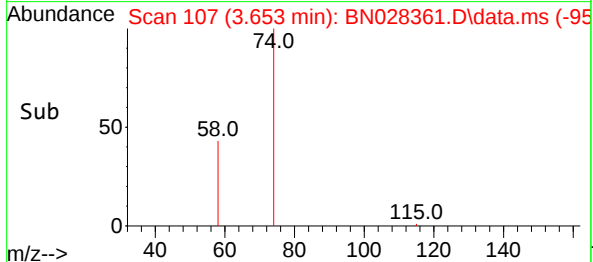
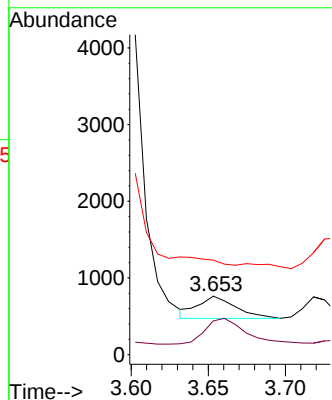
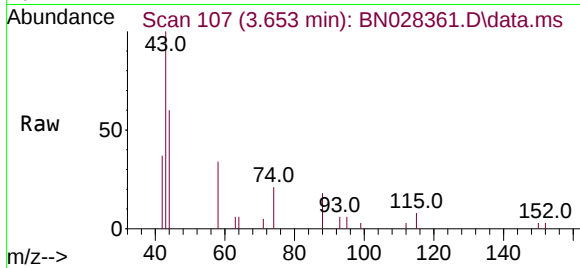




#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.653 min Scan# 10
Delta R.T. -0.014 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

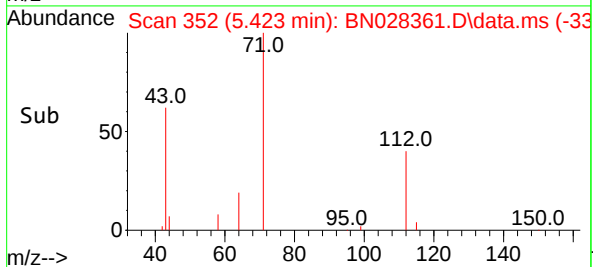
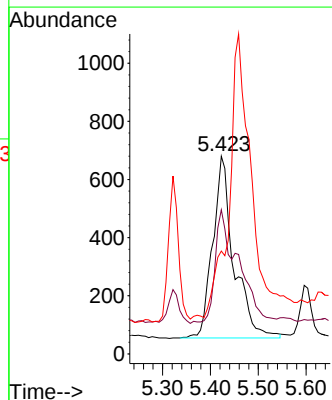
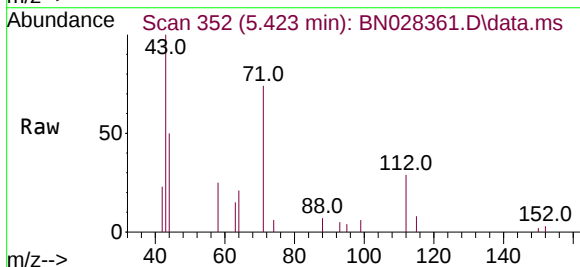
Instrument :
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ClientSampleId :
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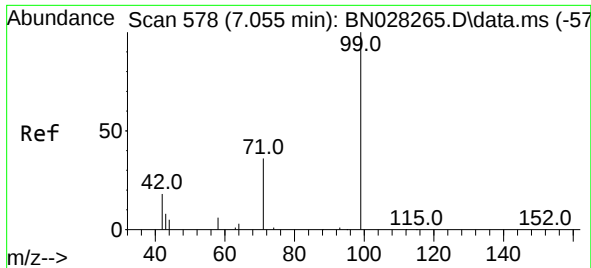
Tgt Ion: 42 Resp: 490
Ion Ratio Lower Upper
42 100
74 126.3 112.6 168.8
44 0.0 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion: 112 Resp: 1923
Ion Ratio Lower Upper
112 100
64 68.7 46.9 70.3
63 0.0 25.0 37.4#

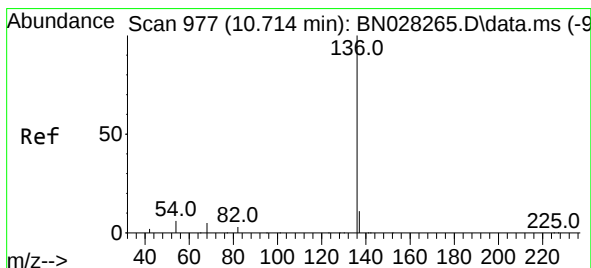
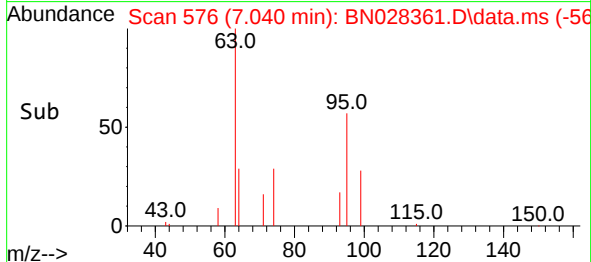
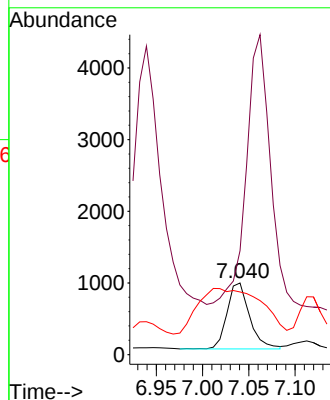
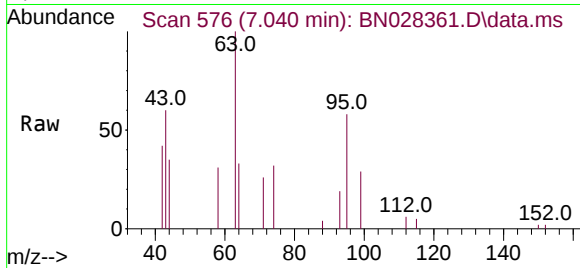




#5
Phenol-d6
Concen: 0.089 ng
RT: 7.040 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

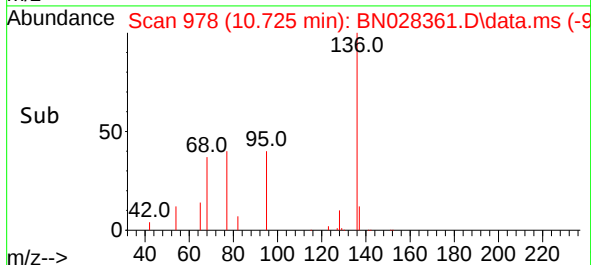
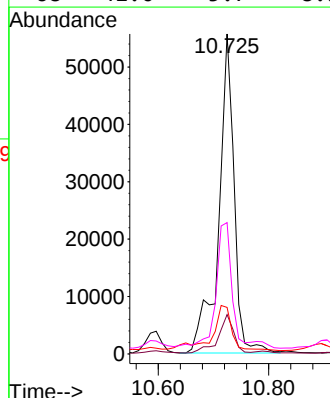
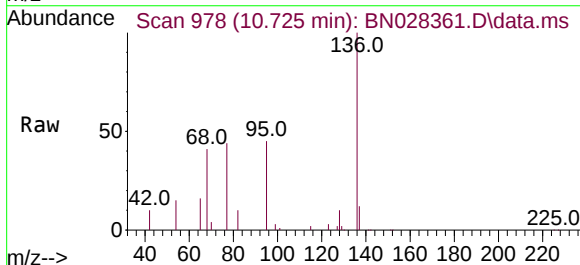
Instrument :
BNA_N
ClientSampleId :
LCOL-12

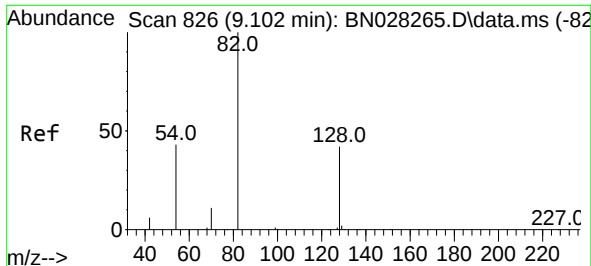
Tgt Ion: 99 Resp: 1564
Ion Ratio Lower Upper
99 100
42 0.0 15.9 23.9#
71 0.0 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.021 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion: 136 Resp: 108440
Ion Ratio Lower Upper
136 100
137 12.3 9.8 14.8
54 14.6 6.2 9.4#
68 41.0 5.7 8.5#

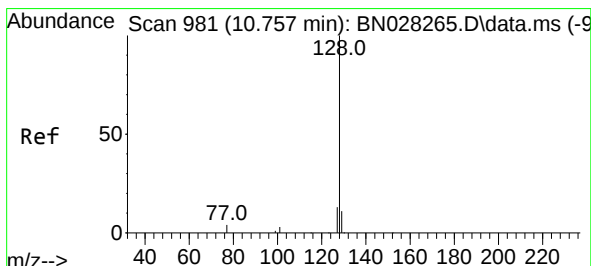
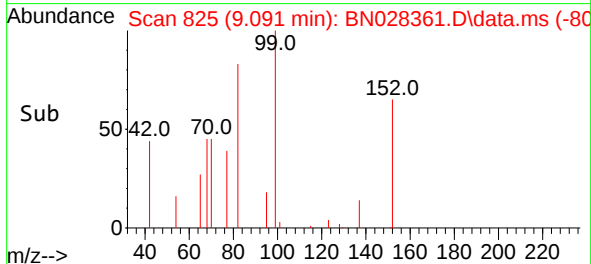
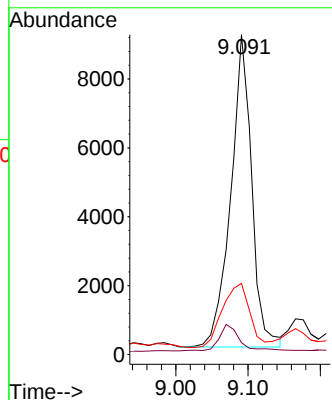
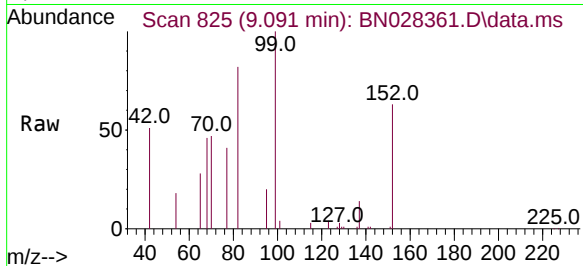




#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 9.091 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

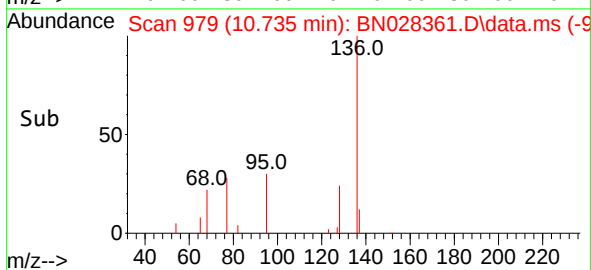
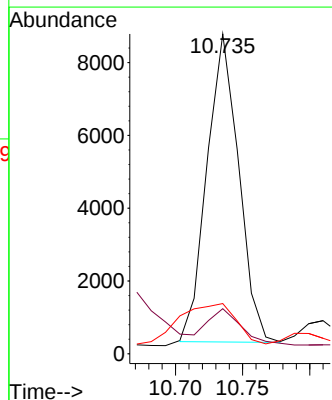
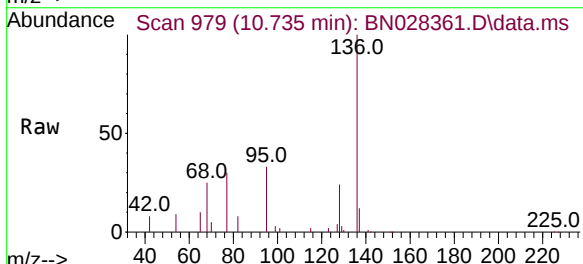
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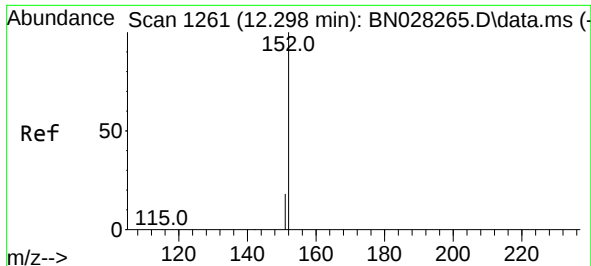
Tgt Ion: 82 Resp: 18238
Ion Ratio Lower Upper
82 100
128 3.7 36.8 55.2#
54 22.3 37.4 56.2#



#9
Naphthalene
Concen: 0.050 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.021 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion: 128 Resp: 13961
Ion Ratio Lower Upper
128 100
129 14.1 9.8 14.6
127 15.7 11.4 17.0

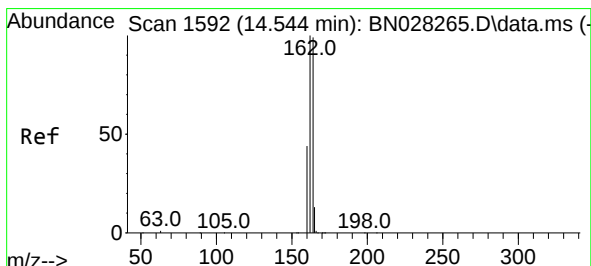
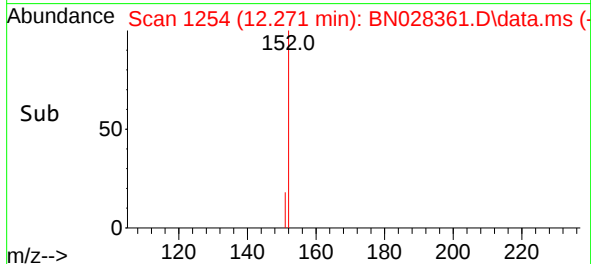
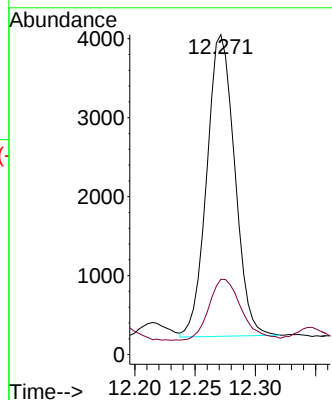
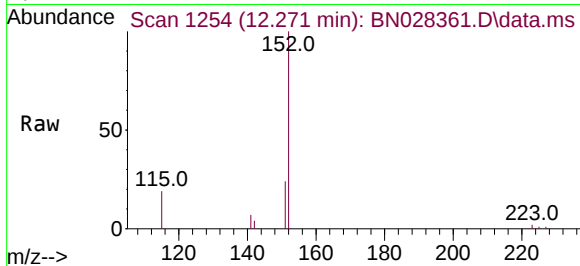




#11
2-Methylnaphthalene-d10
Concen: 0.038 ng
RT: 12.271 min Scan# 11
Delta R.T. -0.023 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

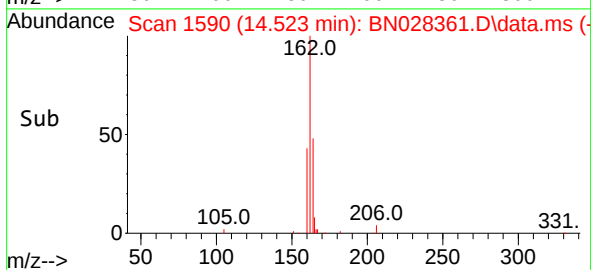
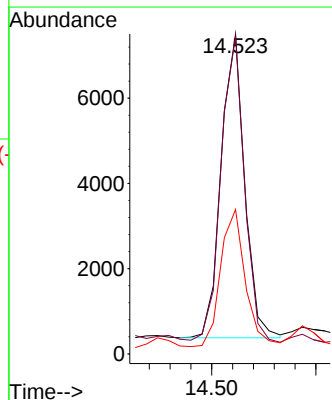
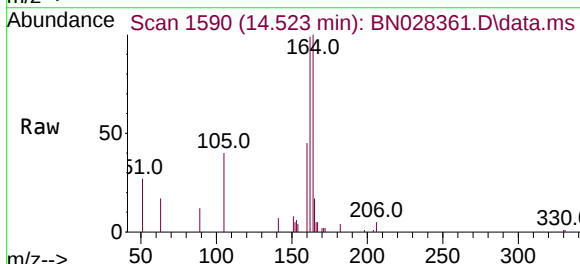
Instrument :
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LCOL-12

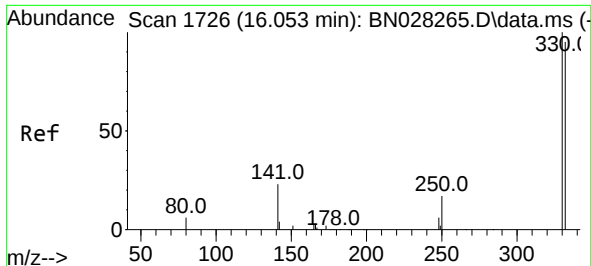
Tgt Ion:152 Resp: 6142
Ion Ratio Lower Upper
152 100
151 23.6 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1590
Delta R.T. -0.011 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion:164 Resp: 11135
Ion Ratio Lower Upper
164 100
162 99.3 81.1 121.7
160 45.1 36.6 54.8

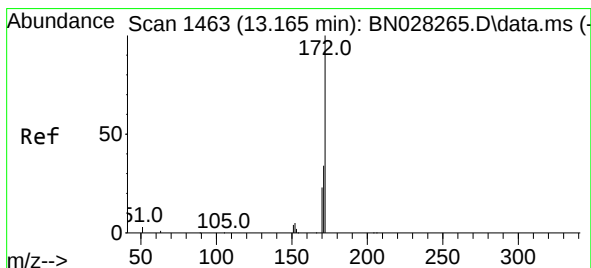
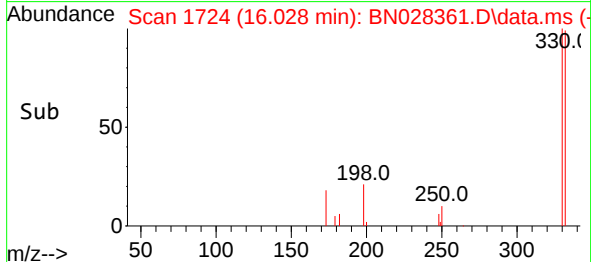
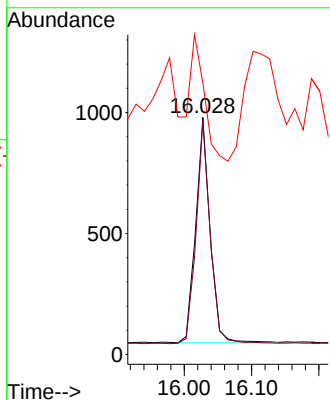
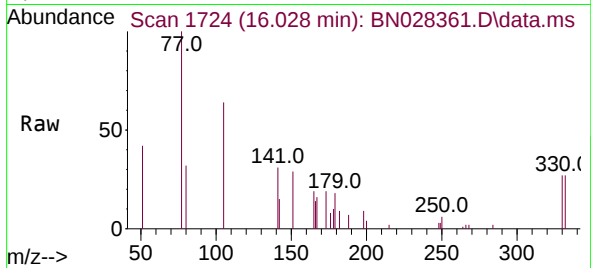




#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 16.028 min Scan# 1724
Delta R.T. -0.037 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

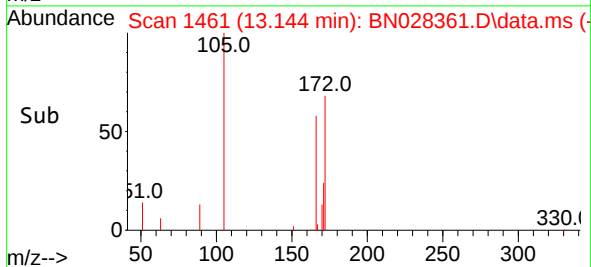
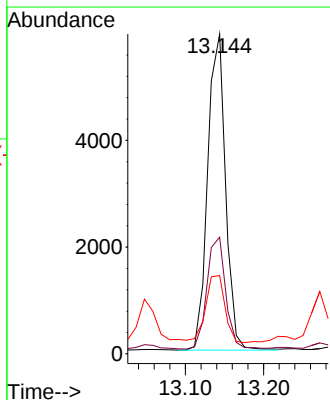
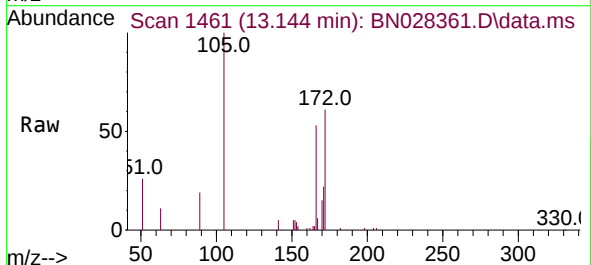
Instrument :
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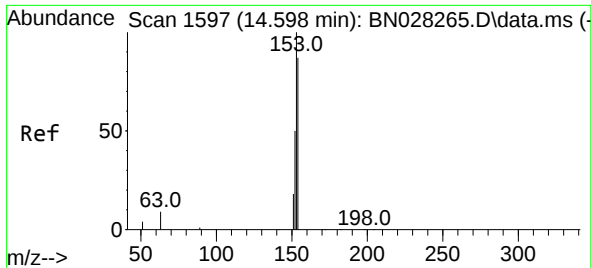
Tgt Ion:330 Resp: 1376
Ion Ratio Lower Upper
330 100
332 96.6 74.1 111.1
141 60.8 32.1 48.1#



#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.144 min Scan# 1461
Delta R.T. -0.021 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion:172 Resp: 9420
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 24.5 18.7 28.1

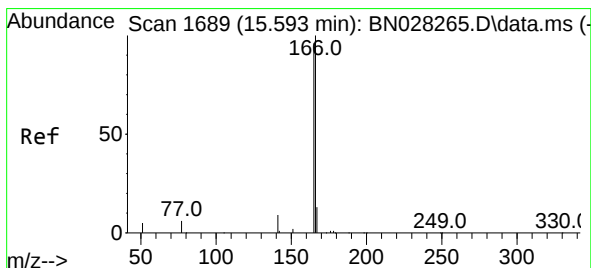
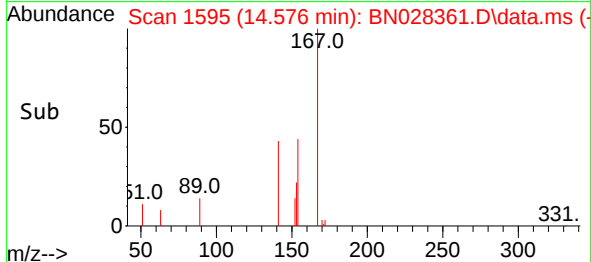
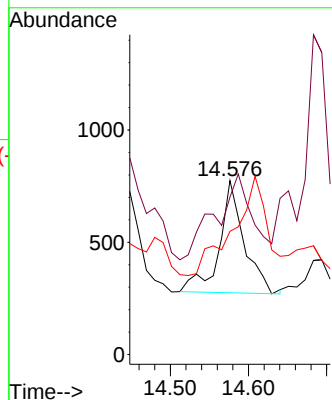
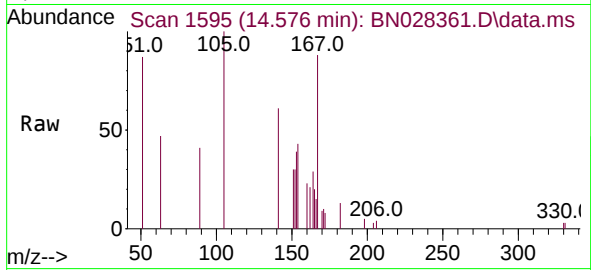




#17
Acenaphthene
Concen: 0.035 ng
RT: 14.576 min Scan# 1595
Delta R.T. -0.021 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

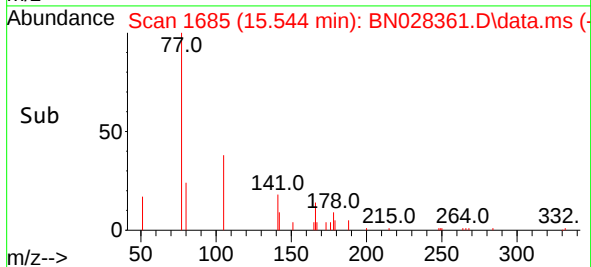
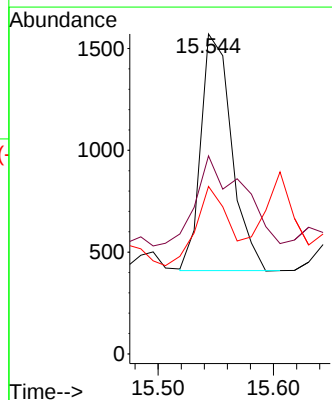
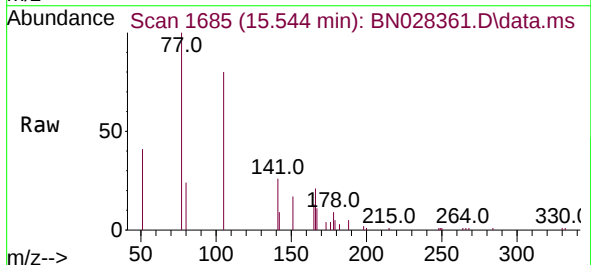
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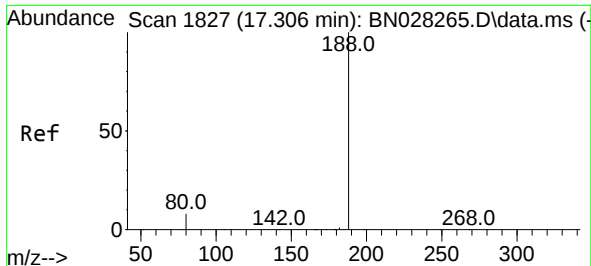
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Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 0.0 43.6 65.4#



#18
Fluorene
Concen: 0.052 ng
RT: 15.544 min Scan# 1685
Delta R.T. -0.037 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion:166 Resp: 2157
Ion Ratio Lower Upper
166 100
165 67.3 79.3 118.9#
167 34.7 10.9 16.3#

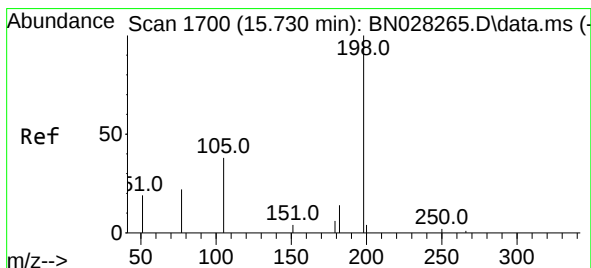
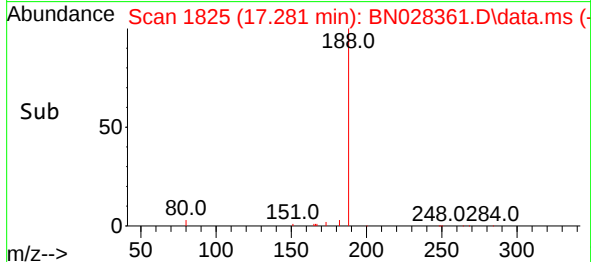
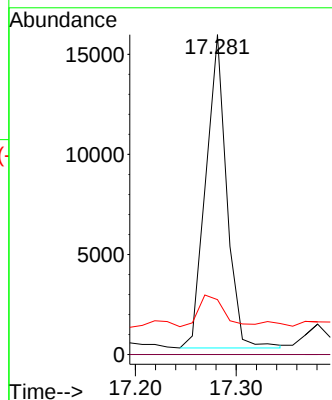
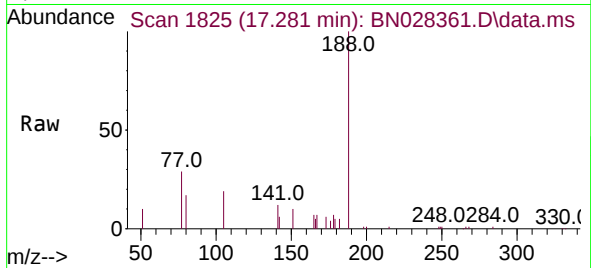




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

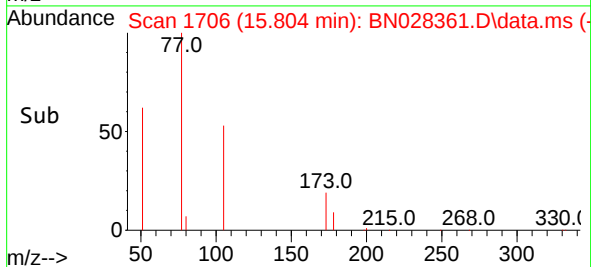
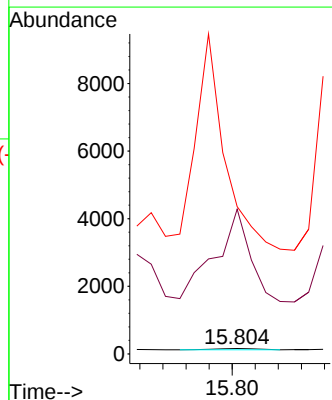
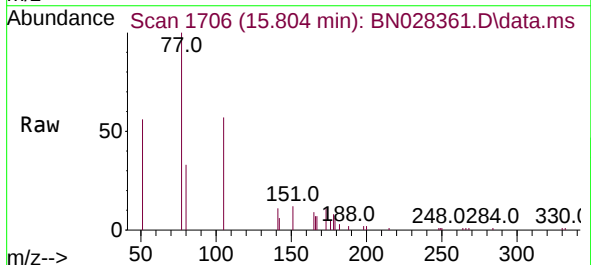
Instrument :
BNA_N
ClientSampleId :
LCOL-12

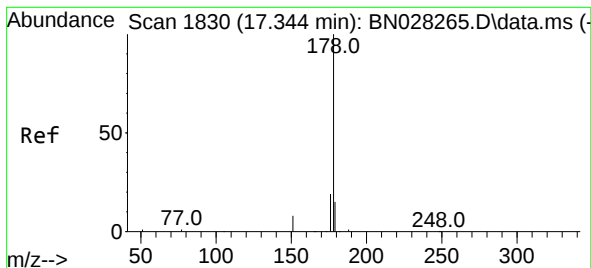
Tgt Ion:188 Resp: 22477
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.2 7.1 10.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.253 ng
RT: 15.804 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion:198 Resp: 109
Ion Ratio Lower Upper
198 100
51 2728.0 96.1 144.1#
105 2777.1 75.4 113.0#





#25

Phenanthrene

Concen: 0.029 ng

RT: 17.319 min Scan# 1828

Delta R.T. -0.012 min

Lab File: BN028361.D

Acq: 24 Oct 2023 01:01

Instrument :

BNA_N

ClientSampleId :

LCOL-12

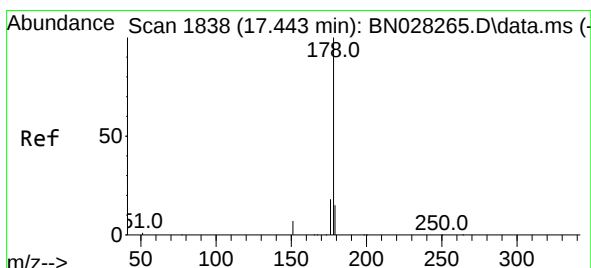
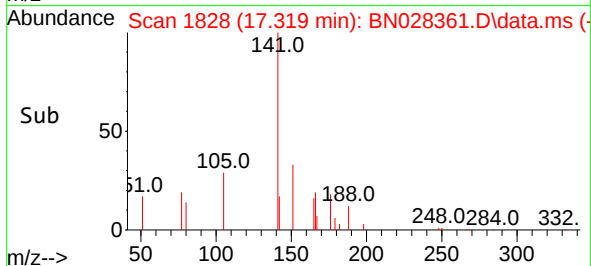
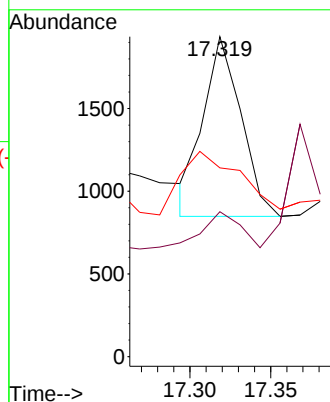
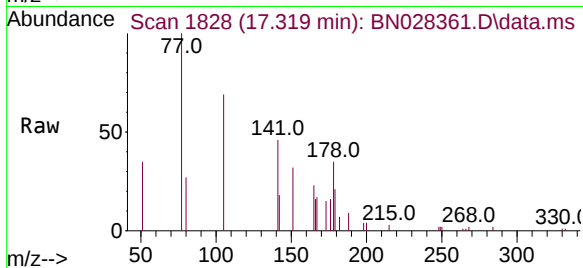
Tgt Ion:178 Resp: 1761

Ion Ratio Lower Upper

178 100

176 24.1 15.3 22.9#

179 56.6 12.5 18.7#



#26

Anthracene

Concen: 0.054 ng

RT: 17.430 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BN028361.D

Acq: 24 Oct 2023 01:01

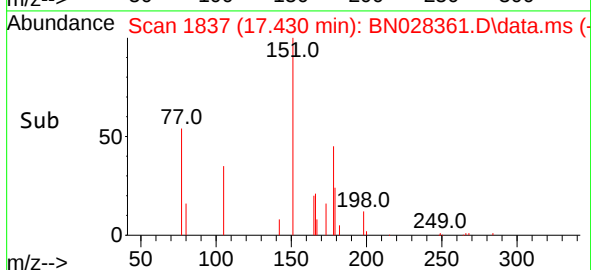
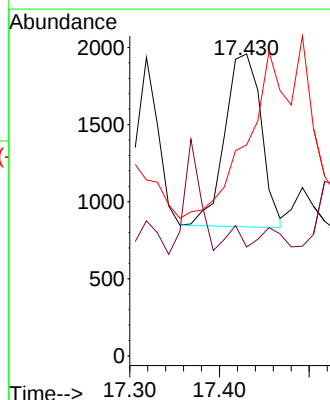
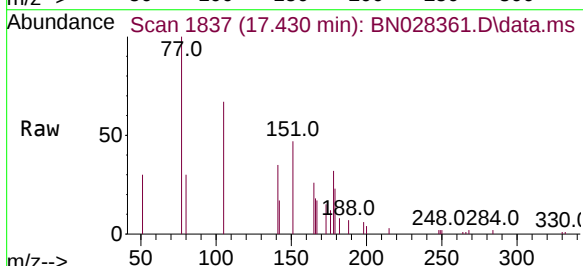
Tgt Ion:178 Resp: 3149

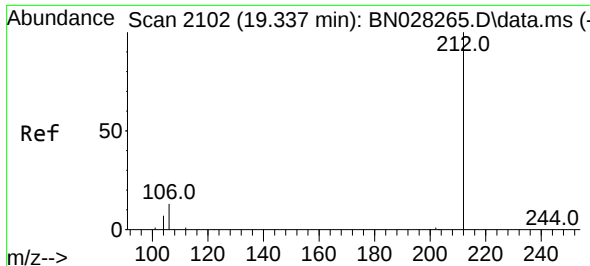
Ion Ratio Lower Upper

178 100

176 4.1 14.6 22.0#

179 0.0 12.2 18.4#

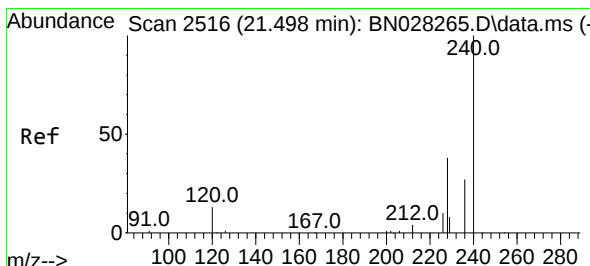
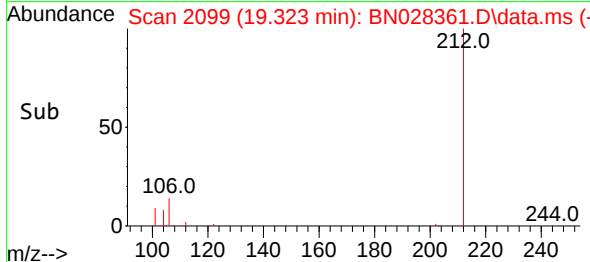
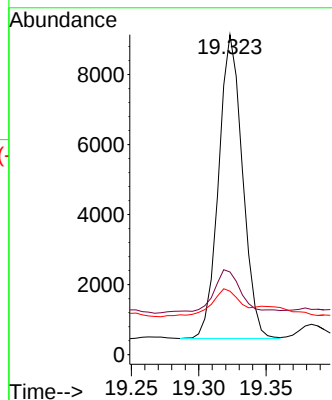
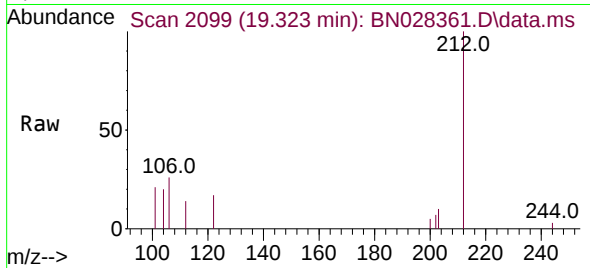




#27
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.323 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

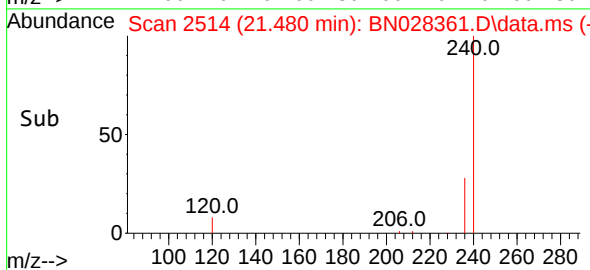
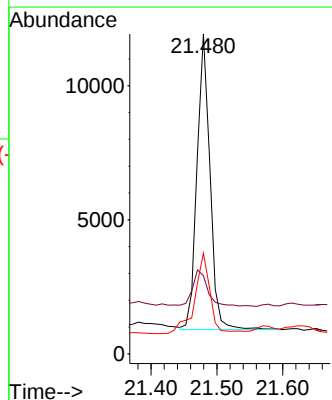
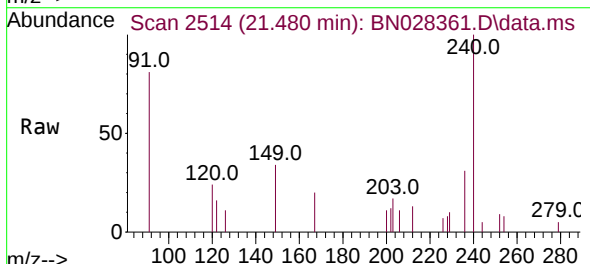
Instrument :
BNA_N
ClientSampleId :
LCOL-12

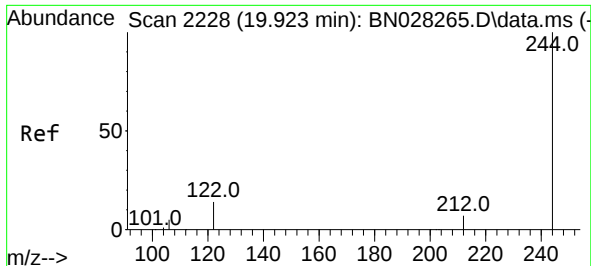
Tgt Ion:212 Resp: 10704
Ion Ratio Lower Upper
212 100
106 17.0 11.5 17.3
104 11.7 6.7 10.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028361.D
Acq: 24 Oct 2023 01:01

Tgt Ion:240 Resp: 15161
Ion Ratio Lower Upper
240 100
120 24.5 13.4 20.0#
236 31.5 22.7 34.1

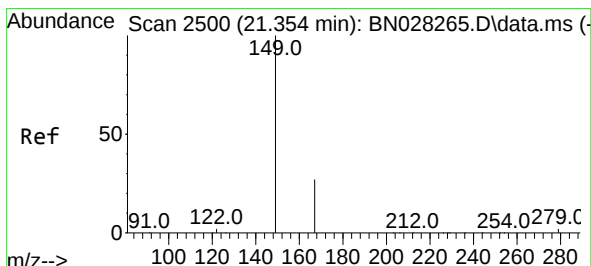
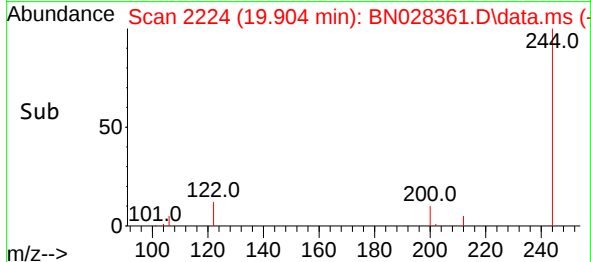
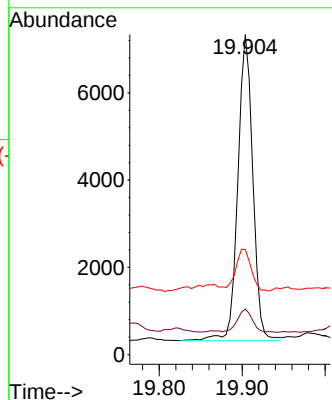
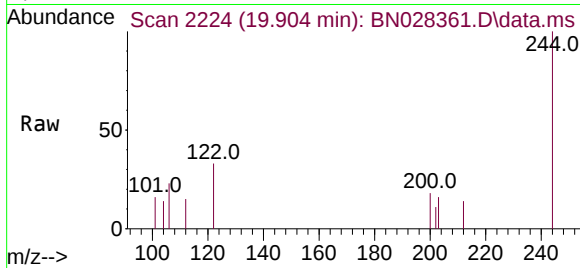




#31
 Terphenyl-d14
 Concen: 0.272 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN028361.D
 Acq: 24 Oct 2023 01:01

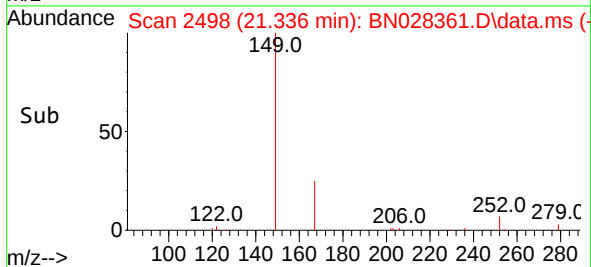
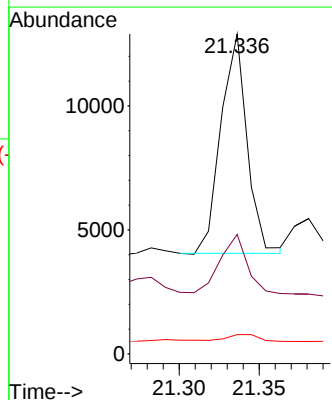
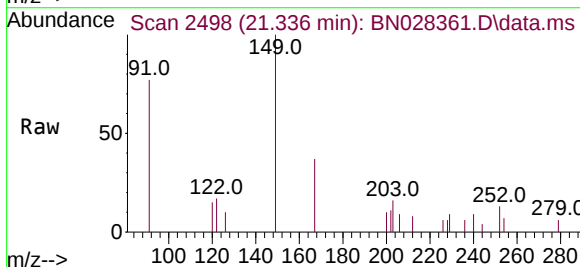
Instrument :
 BNA_N
 ClientSampleId :
 LCOL-12

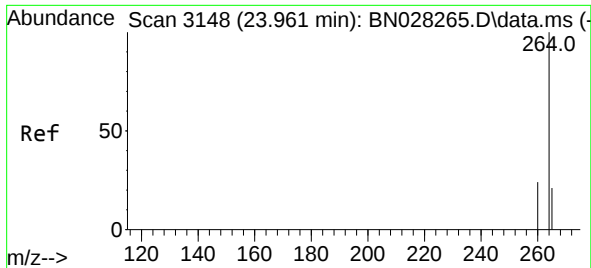
Tgt Ion:244 Resp: 8768
 Ion Ratio Lower Upper
 244 100
 212 14.2 6.6 10.0#
 122 32.8 11.7 17.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.245 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028361.D
 Acq: 24 Oct 2023 01:01

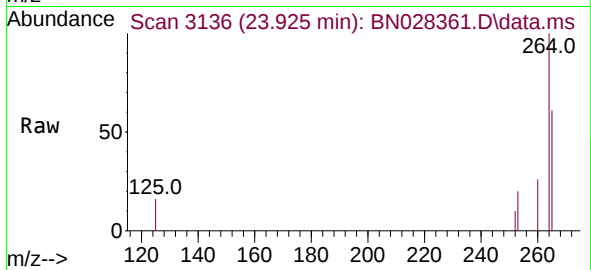
Tgt Ion:149 Resp: 10062
 Ion Ratio Lower Upper
 149 100
 167 31.7 22.6 34.0
 279 3.8 4.2 6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.925 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN028361.D
 Acq: 24 Oct 2023 01:01

Instrument :
 BNA_N
 ClientSampleId :
 LCOL-12



Tgt Ion:264 Resp: 14838
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.7 31.1
 265 61.3 38.3 57.5#

