

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028372.D
 Acq On : 24 Oct 2023 11:21
 Operator : MA/JU
 Sample : PB156426BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156426BL

Quant Time: Oct 25 01:03:45 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)

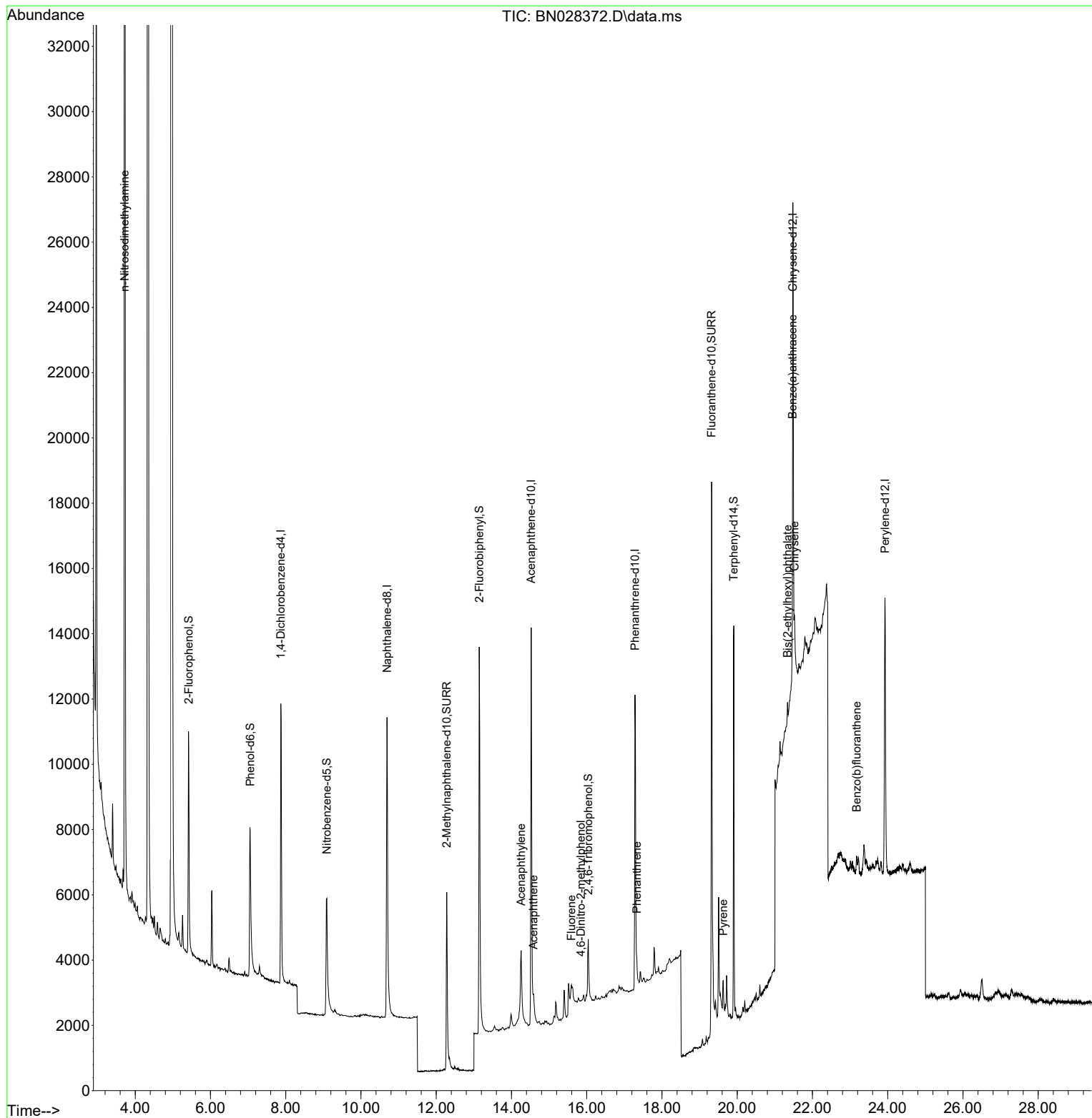
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4694	0.400	ng	0.00
7) Naphthalene-d8	10.693	136	15825	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	8472	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	15198	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	11784	0.400	ng	# 0.00
35) Perylene-d12	23.928	264	12659	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	6250	0.429	ng	0.00
5) Phenol-d6	7.055	99	7082	0.395	ng	0.00
8) Nitrobenzene-d5	9.091	82	5331	0.380	ng	-0.01
11) 2-Methylnaphthalene-d10	12.279	152	9901	0.416	ng	-0.01
14) 2,4,6-Tribromophenol	16.040	330	1410	0.341	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	13174	0.442	ng	-0.02
27) Fluoranthene-d10	19.319	212	15270	0.376	ng	0.00
31) Terphenyl-d14	19.909	244	12336	0.493	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.718	42	3471	0.560	ng	# 1
16) Acenaphthylene	14.256	152	6647	0.175	ng	# 97
17) Acenaphthene	14.587	154	513	0.021	ng	# 93
18) Fluorene	15.593	166	861	0.027	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.842	198	10	0.190	ng	# 1
25) Phenanthrene	17.331	178	939	0.023	ng	# 74
30) Pyrene	19.625	202	1004	0.025	ng	# 95
32) Benzo(a)anthracene	21.471	228	1452	0.035	ng	# 1
33) Chrysene	21.524	228	1182	0.030	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.336	149	939	0.029	ng	# 82
37) Benzo(b)fluoranthene	23.177	252	900	0.023	ng	# 1

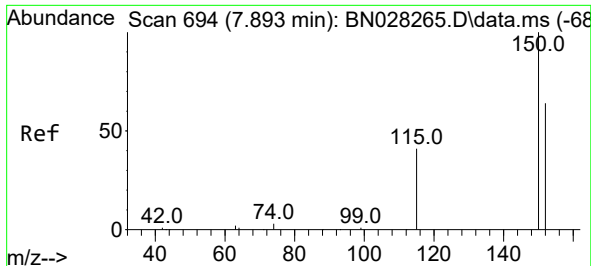
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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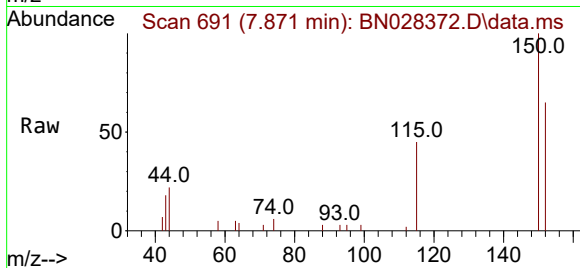
Quant Time: Oct 25 01:03:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
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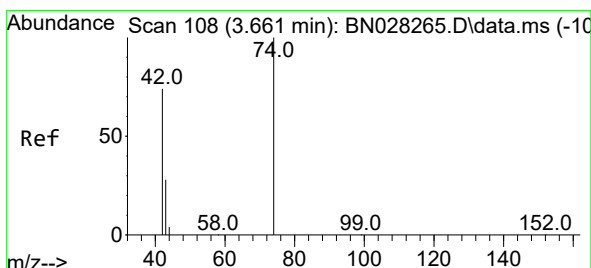
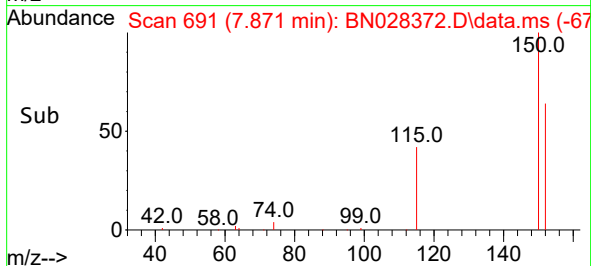
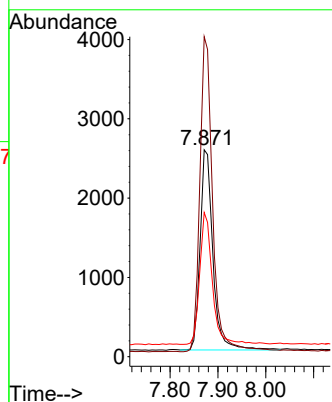


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.871 min Scan# 694
Delta R.T. -0.007 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Instrument :
BNA_N
ClientSampleId :
PB156426BL

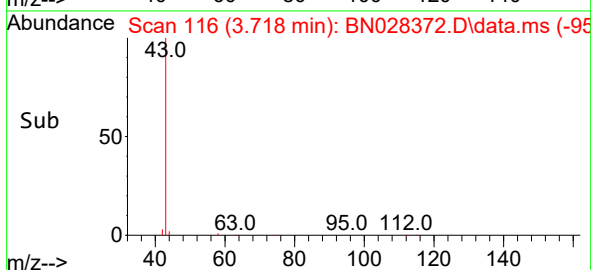
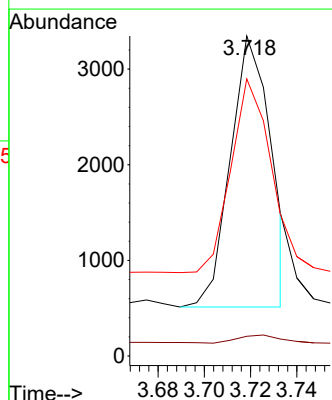
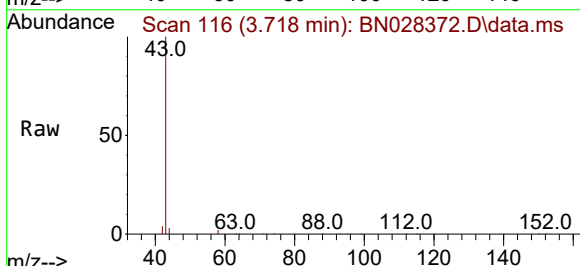


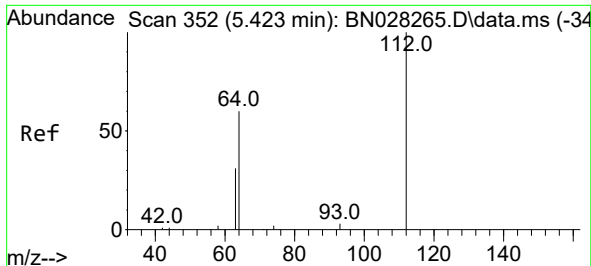
Tgt Ion:152 Resp: 4694
Ion Ratio Lower Upper
152 100
150 154.7 121.6 182.4
115 69.7 54.3 81.5



#3
n-Nitrosodimethylamine
Concen: 0.560 ng
RT: 3.718 min Scan# 116
Delta R.T. 0.051 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion: 42 Resp: 3471
Ion Ratio Lower Upper
42 100
74 2.5 112.6 168.8#
44 68.3 7.8 11.6#

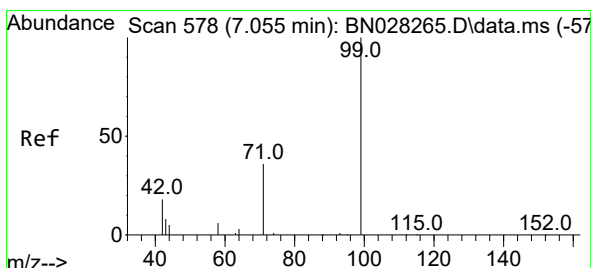
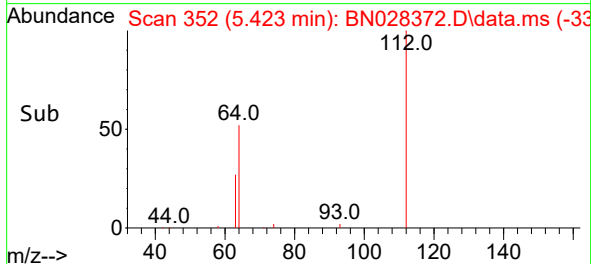
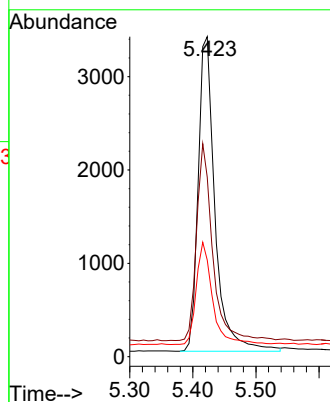
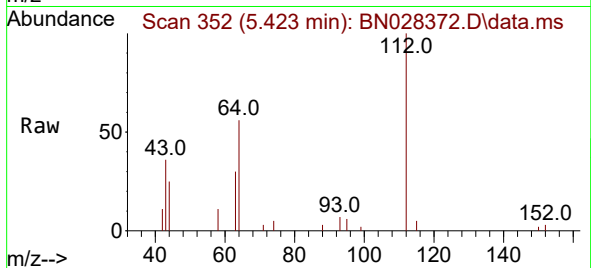




#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

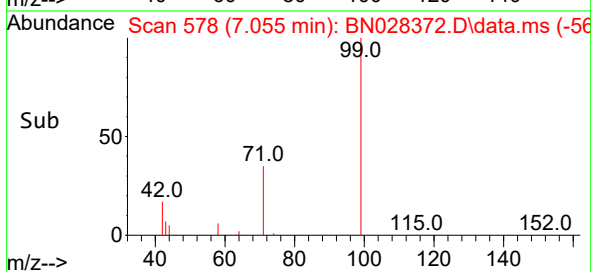
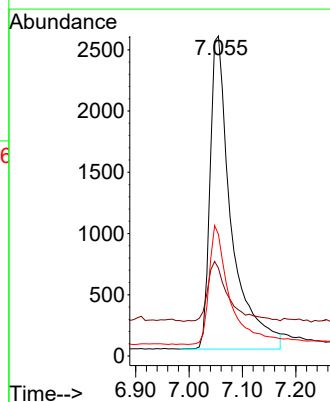
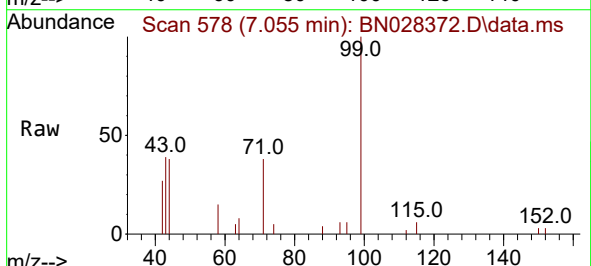
Instrument :
BNA_N
ClientSampleId :
PB156426BL

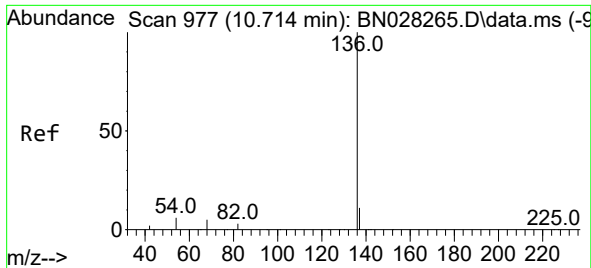
Tgt Ion:112 Resp: 6250
Ion Ratio Lower Upper
112 100
64 59.6 46.9 70.3
63 31.5 25.0 37.4



#5
Phenol-d6
Concen: 0.395 ng
RT: 7.055 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion: 99 Resp: 7082
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 36.7 28.6 42.8

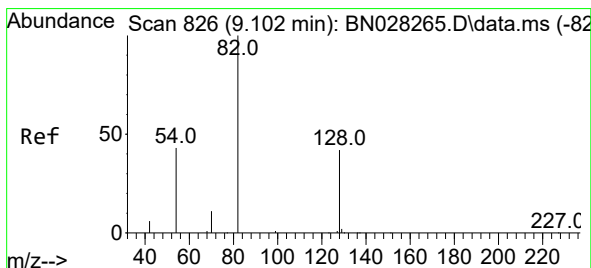
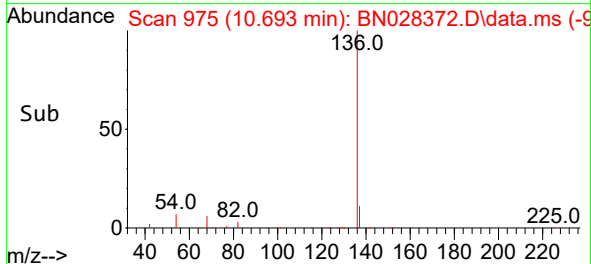
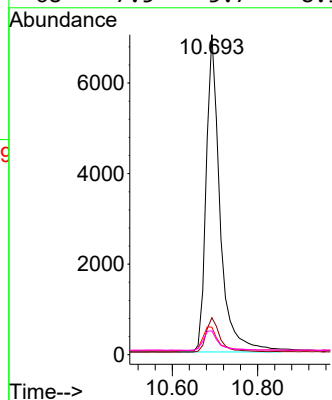
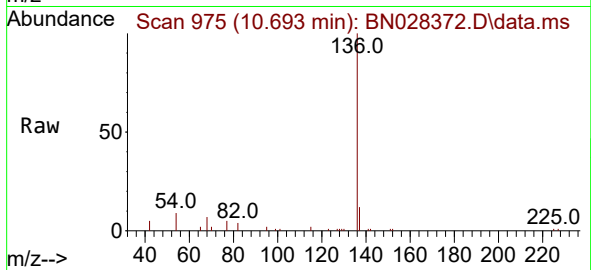




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

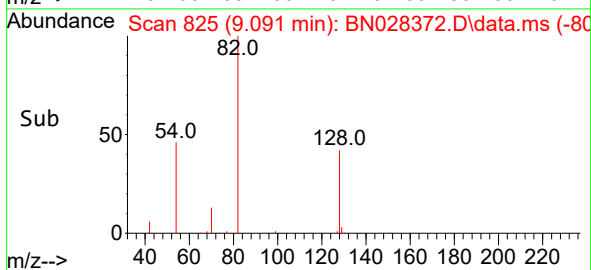
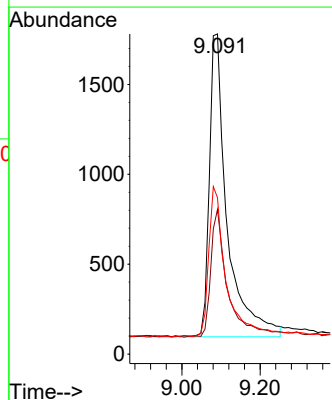
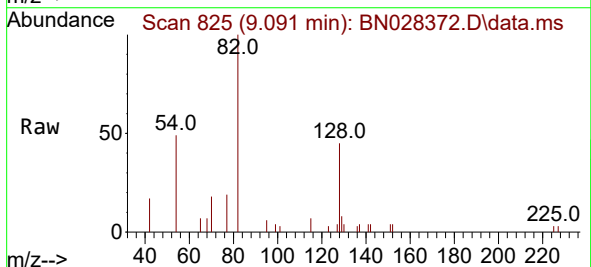
Instrument :
BNA_N
ClientSampleId :
PB156426BL

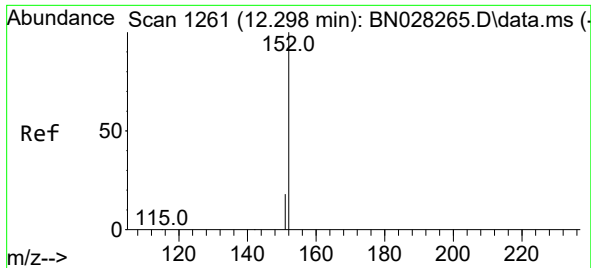
Tgt Ion:	136	Resp:	15825
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.8
54	8.6	6.2	9.4
68	7.5	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.091 min Scan# 825
Delta R.T. -0.011 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:	82	Resp:	5331
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.8	55.2
54	48.8	37.4	56.2

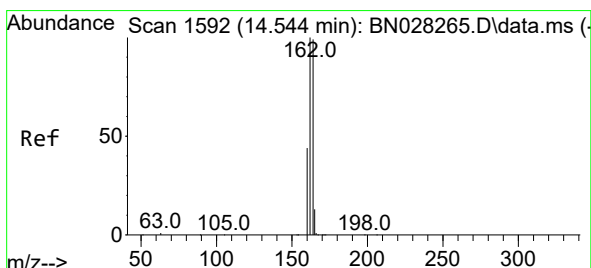
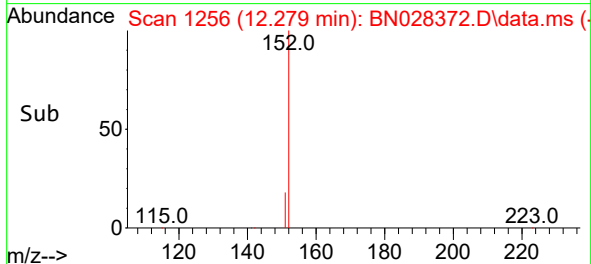
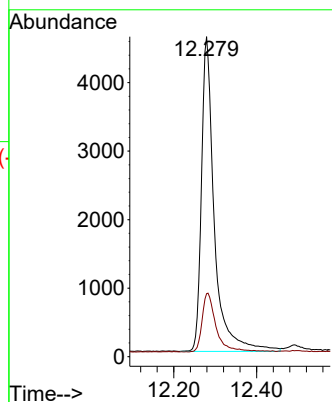
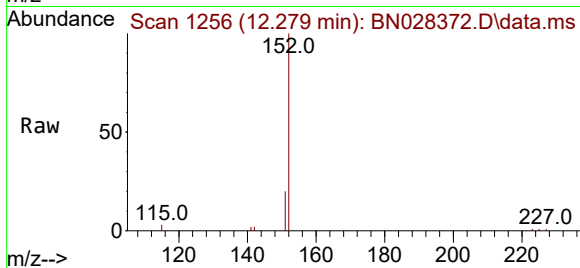




#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.279 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

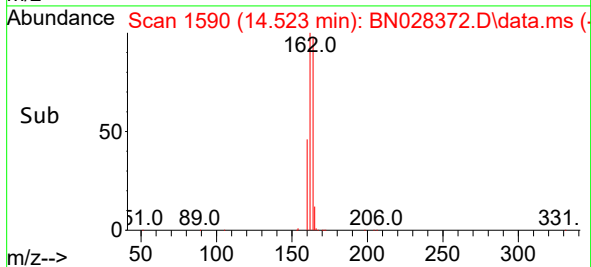
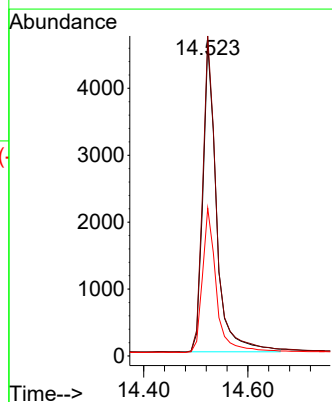
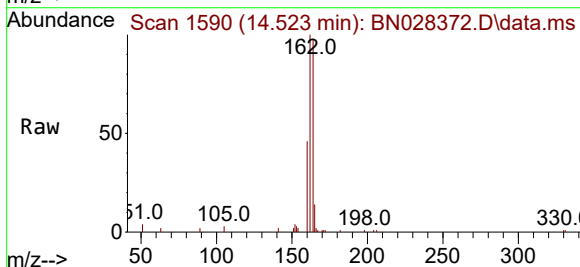
Instrument :
BNA_N
ClientSampleId :
PB156426BL

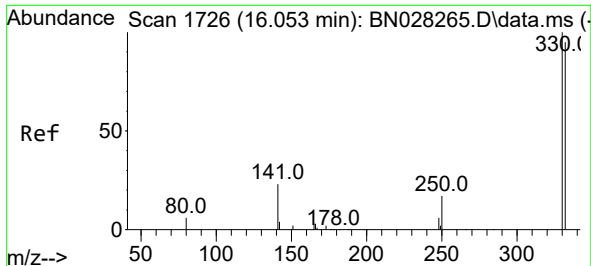
Tgt Ion:152 Resp: 9901
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1590
Delta R.T. -0.011 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:164 Resp: 8472
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 47.4 36.6 54.8

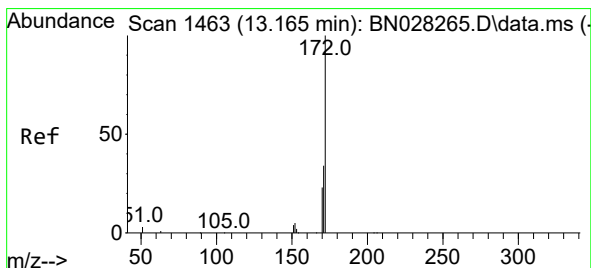
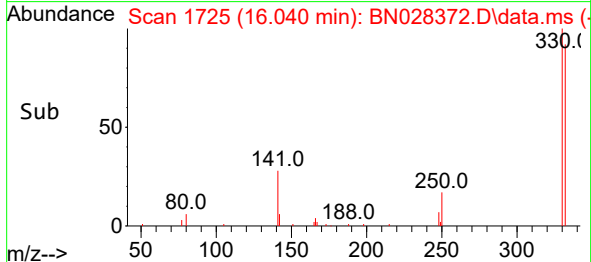
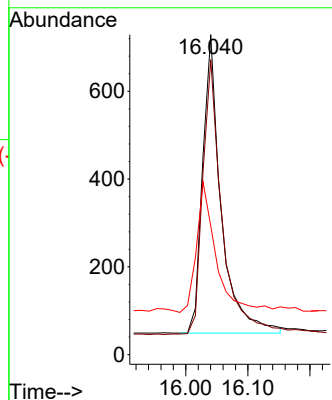
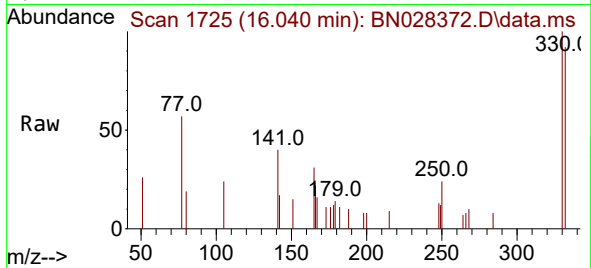




#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 16.040 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

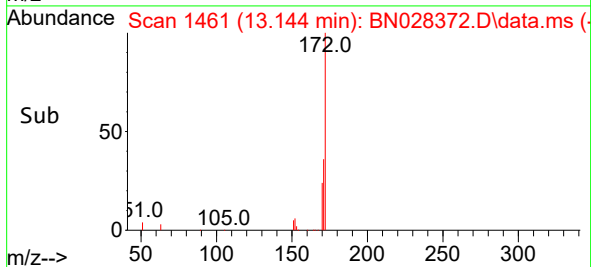
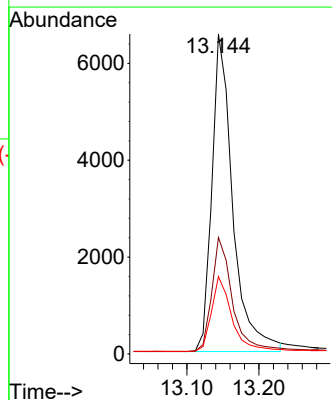
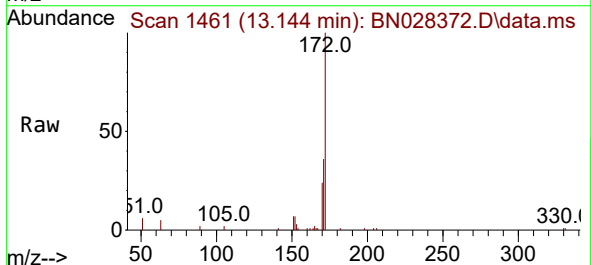
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BNA_N
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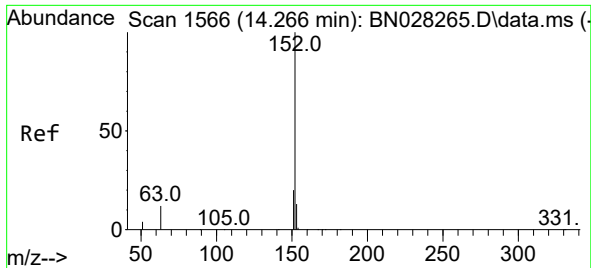
Tgt Ion:330 Resp: 1410
Ion Ratio Lower Upper
330 100
332 95.2 74.1 111.1
141 46.1 32.1 48.1



#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 13.144 min Scan# 1461
Delta R.T. -0.021 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:172 Resp: 13174
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 24.2 18.7 28.1

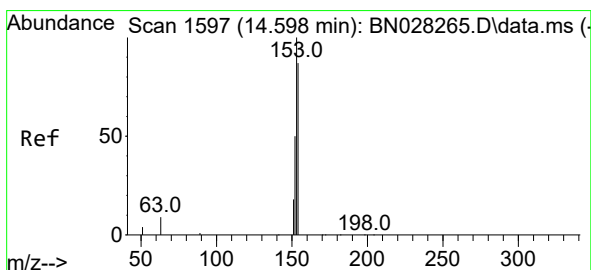
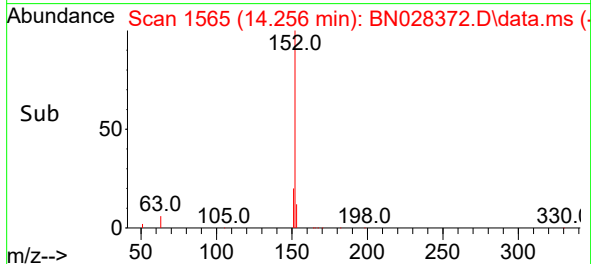
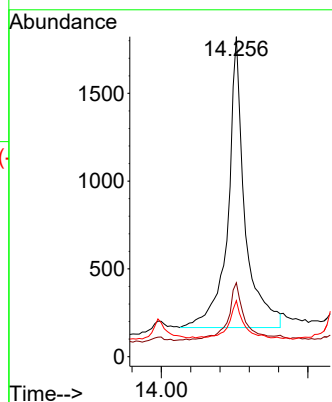
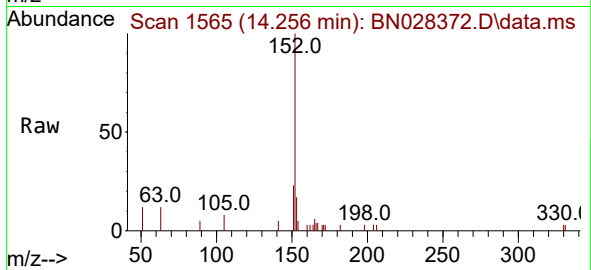




#16
Acenaphthylene
Concen: 0.175 ng
RT: 14.256 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

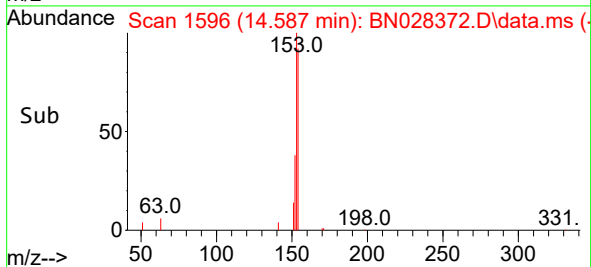
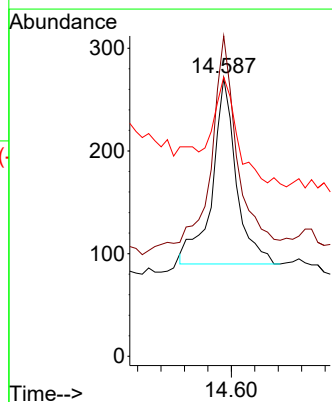
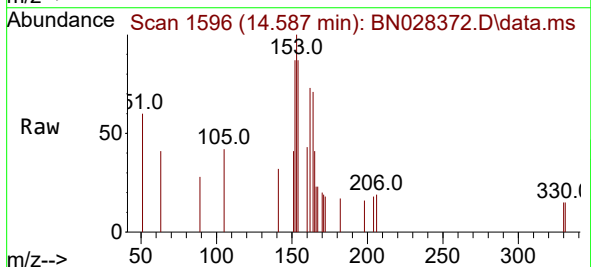
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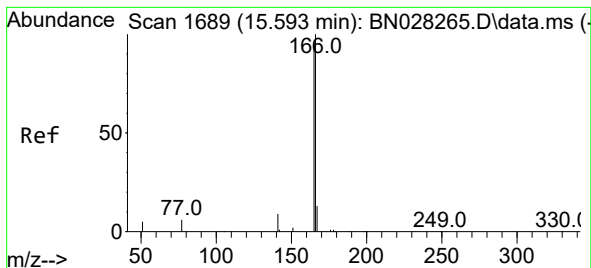
Tgt Ion:152 Resp: 6647
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 10.5 10.6 16.0#



#17
Acenaphthene
Concen: 0.021 ng
RT: 14.587 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:154 Resp: 513
Ion Ratio Lower Upper
154 100
153 109.0 90.7 136.1
152 63.5 43.6 65.4





#18

Fluorene

Concen: 0.027 ng

RT: 15.593 min Scan# 1

Delta R.T. 0.013 min

Lab File: BN028372.D

Acq: 24 Oct 2023 11:21

Instrument :

BNA_N

ClientSampleId :

PB156426BL

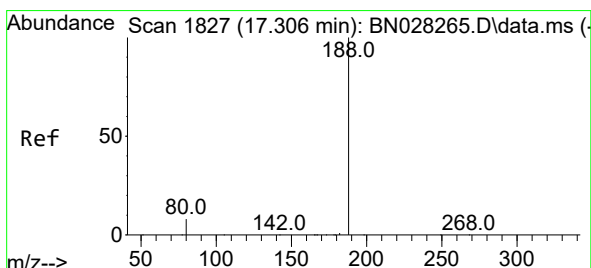
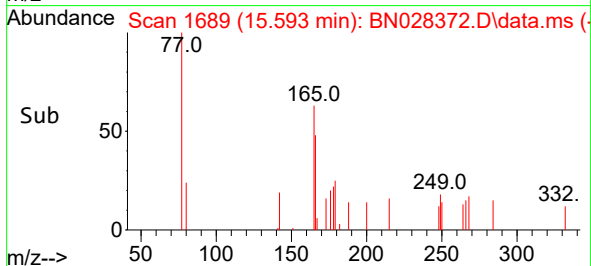
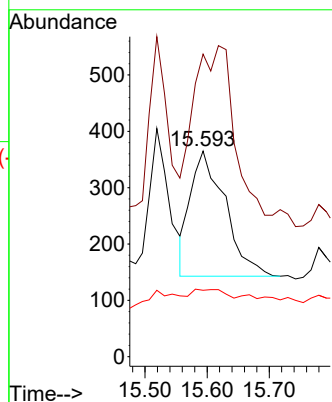
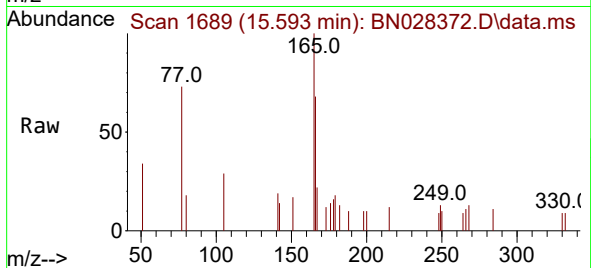
Tgt Ion:166 Resp: 861

Ion Ratio Lower Upper

166 100

165 0.0 79.3 118.9#

167 7.1 10.9 16.3#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.281 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BN028372.D

Acq: 24 Oct 2023 11:21

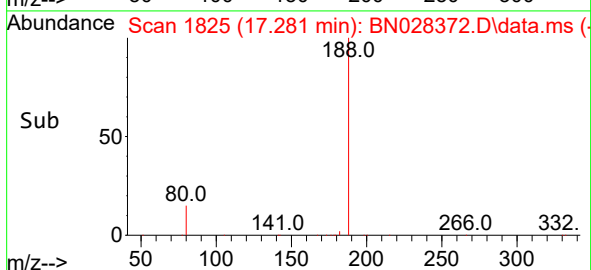
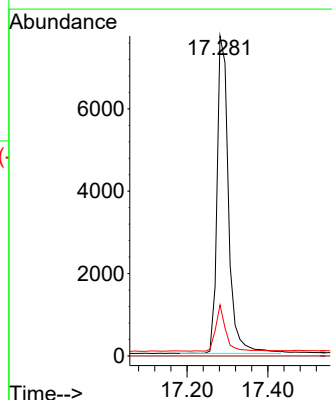
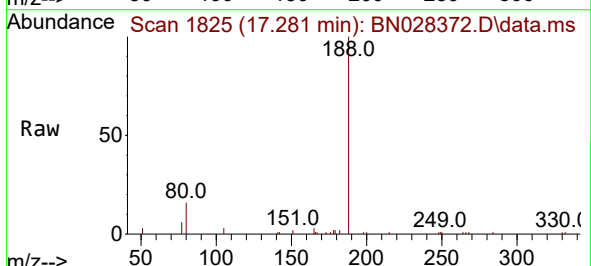
Tgt Ion:188 Resp: 15198

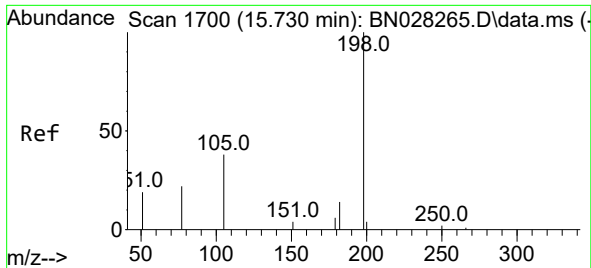
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.0 7.1 10.7#

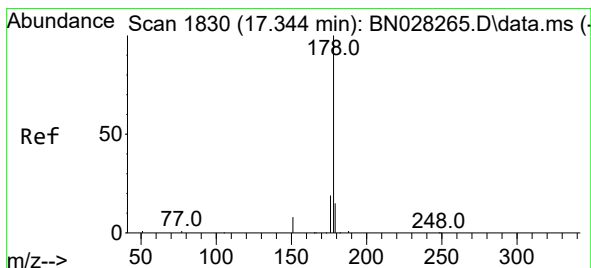
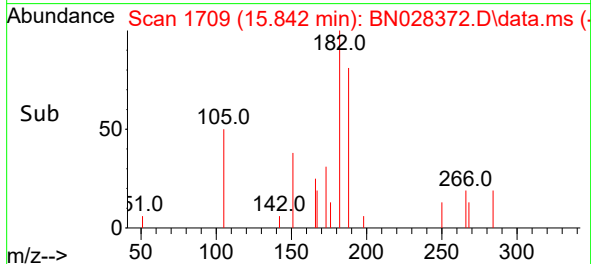
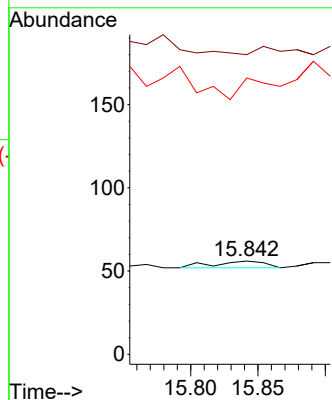
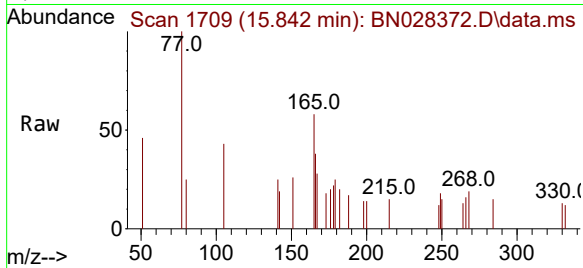




#20
4,6-Dinitro-2-methylphenol
Concen: 0.190 ng
RT: 15.842 min Scan# 11
Delta R.T. 0.037 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

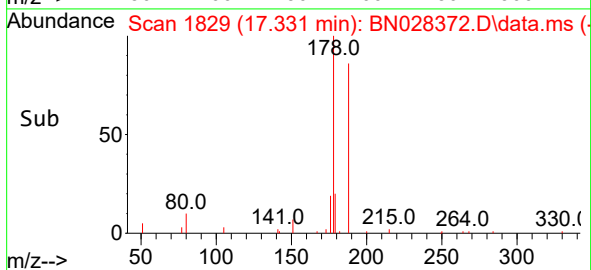
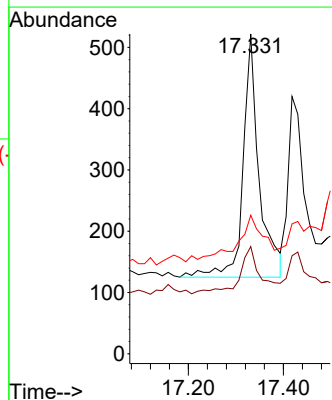
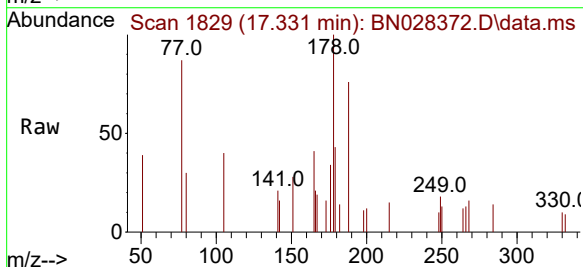
Instrument :
BNA_N
ClientSampleId :
PB156426BL

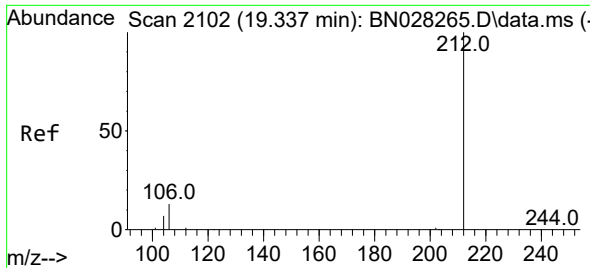
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 321.4 96.1 144.1#
105 296.4 75.4 113.0#



#25
Phenanthrene
Concen: 0.023 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:178 Resp: 939
Ion Ratio Lower Upper
178 100
176 25.5 15.3 22.9#
179 32.5 12.5 18.7#

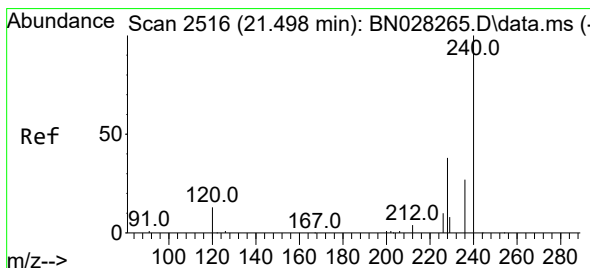
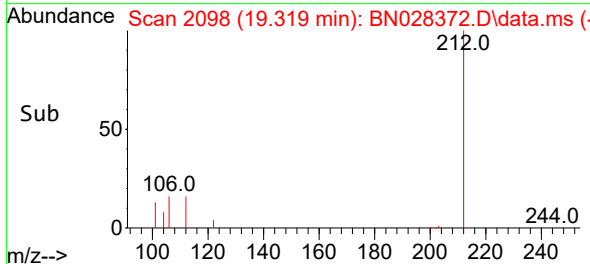
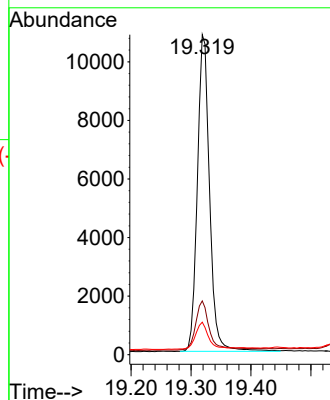
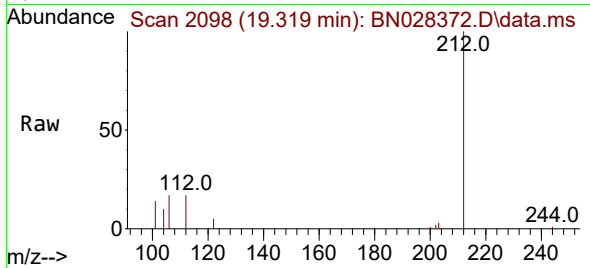




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

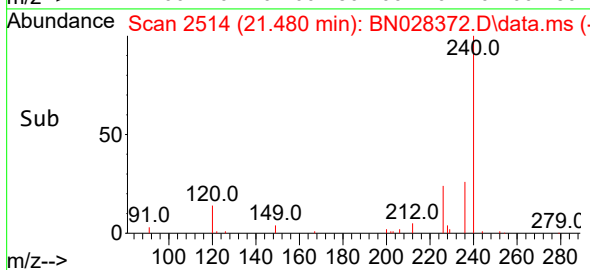
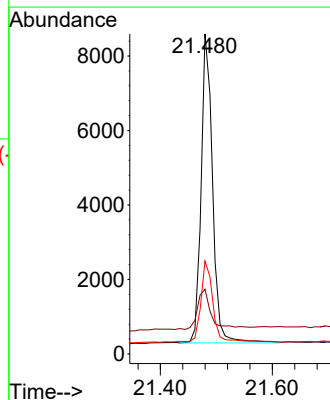
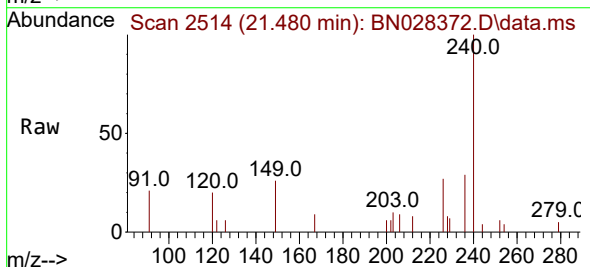
Instrument :
BNA_N
ClientSampleId :
PB156426BL

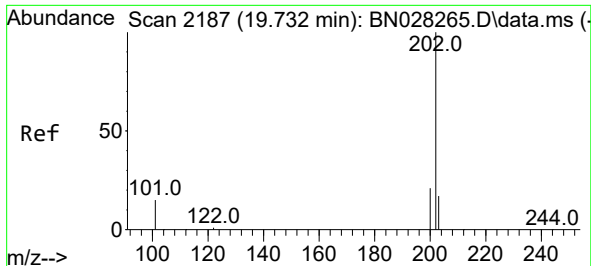
Tgt Ion:212 Resp: 15270
Ion Ratio Lower Upper
212 100
106 18.7 11.5 17.3#
104 9.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:240 Resp: 11784
Ion Ratio Lower Upper
240 100
120 20.3 13.4 20.0#
236 29.0 22.7 34.1

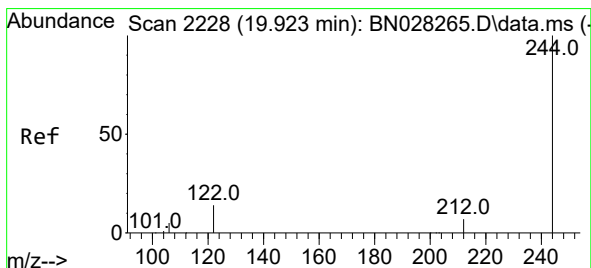
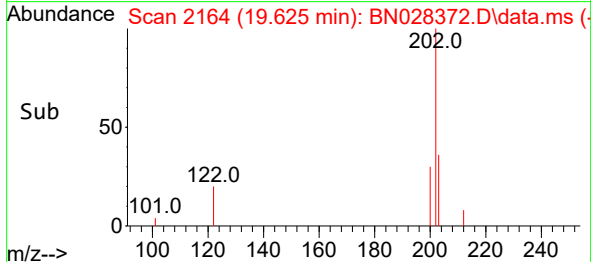
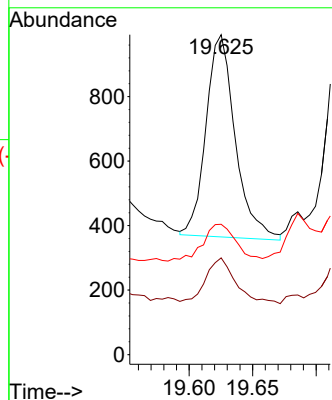
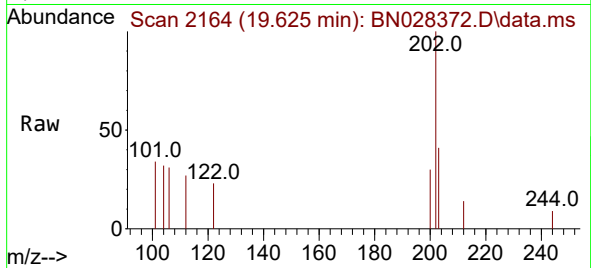




#30
Pyrene
Concen: 0.025 ng
RT: 19.625 min Scan# 2187
Delta R.T. -0.102 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

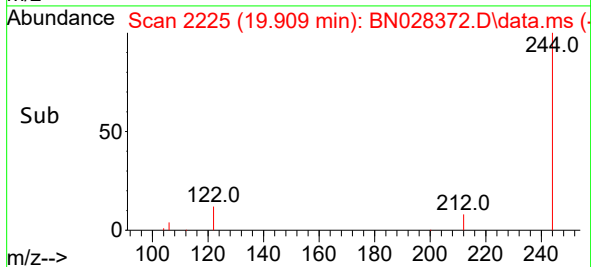
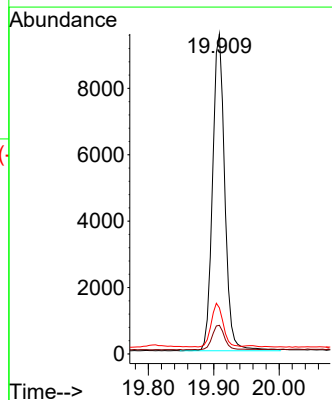
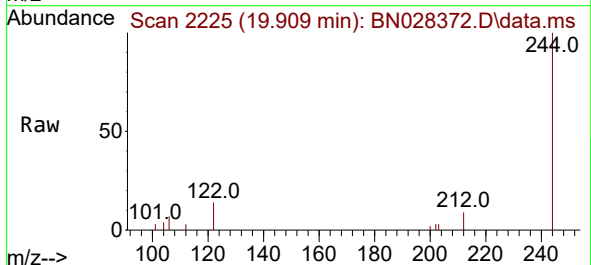
Instrument :
BNA_N
ClientSampleId :
PB156426BL

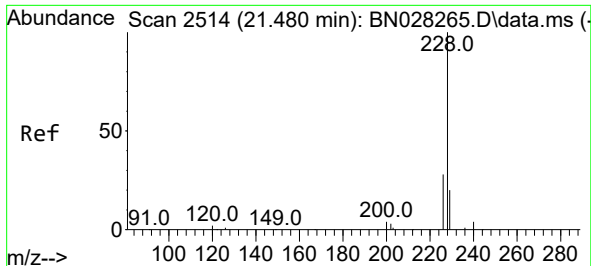
Tgt Ion:202 Resp: 1004
Ion Ratio Lower Upper
202 100
200 23.2 16.7 25.1
203 20.6 14.5 21.7



#31
Terphenyl-d14
Concen: 0.493 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:244 Resp: 12336
Ion Ratio Lower Upper
244 100
212 8.9 6.6 10.0
122 14.4 11.7 17.5

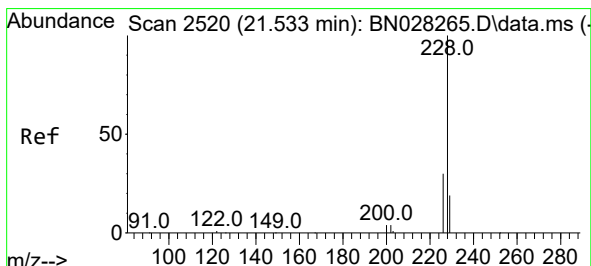
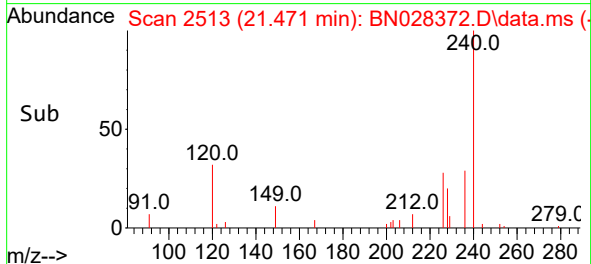
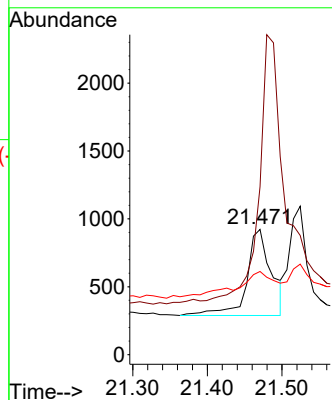
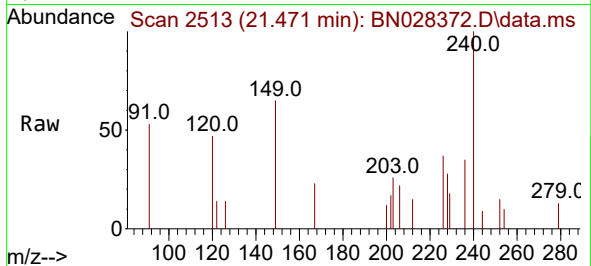




#32
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.471 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

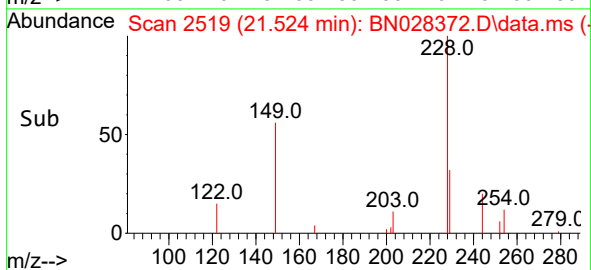
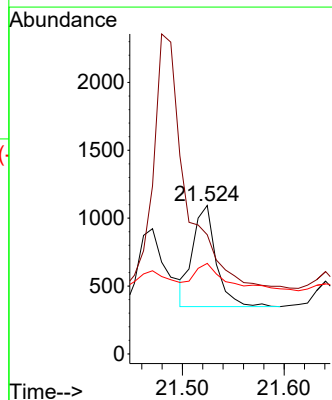
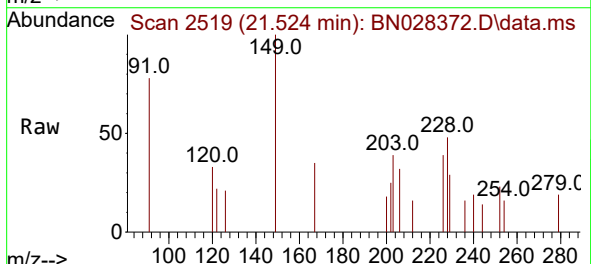
Instrument :
BNA_N
ClientSampleId :
PB156426BL

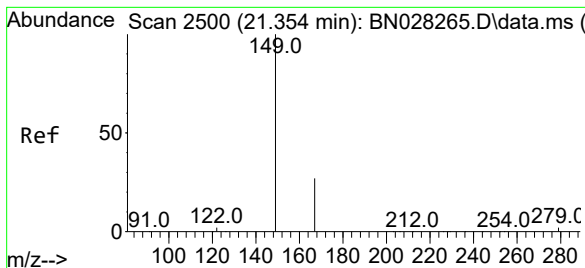
Tgt Ion:228 Resp: 1452
Ion Ratio Lower Upper
228 100
226 134.0 22.9 34.3#
229 66.4 16.6 24.8#



#33
Chrysene
Concen: 0.030 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN028372.D
Acq: 24 Oct 2023 11:21

Tgt Ion:228 Resp: 1182
Ion Ratio Lower Upper
228 100
226 80.3 25.2 37.8#
229 61.0 16.6 25.0#

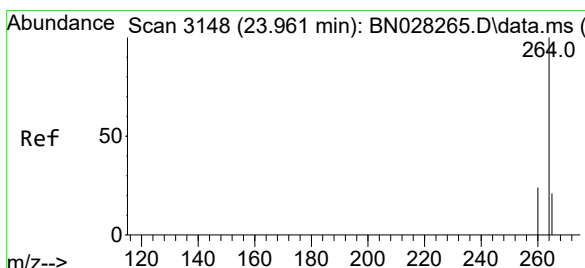
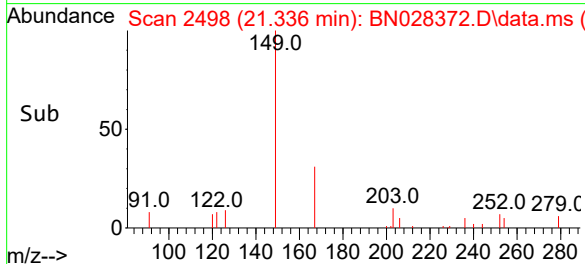
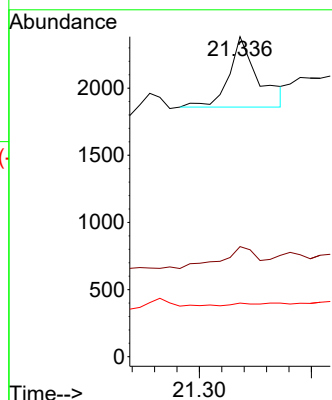
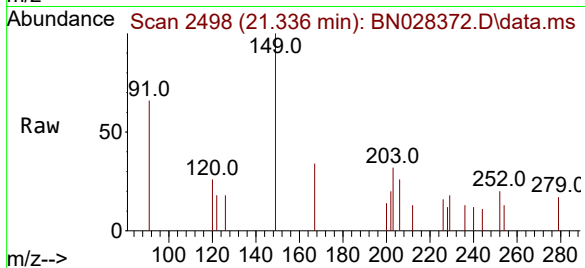




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028372.D
 Acq: 24 Oct 2023 11:21

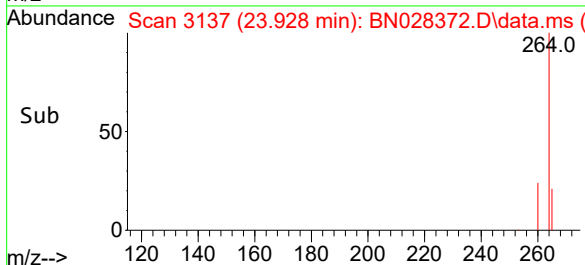
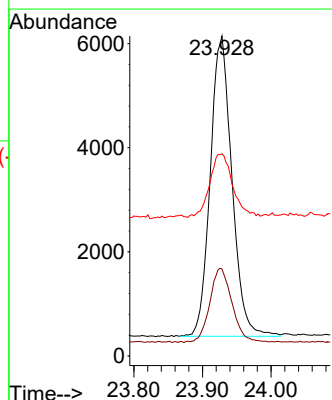
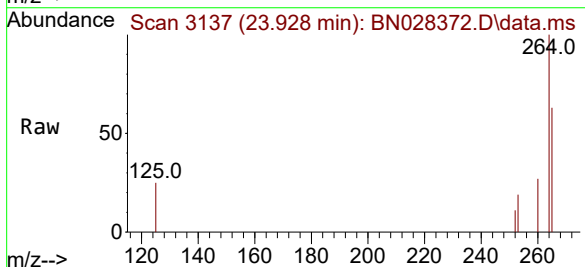
Instrument :
 BNA_N
 ClientSampleId :
 PB156426BL

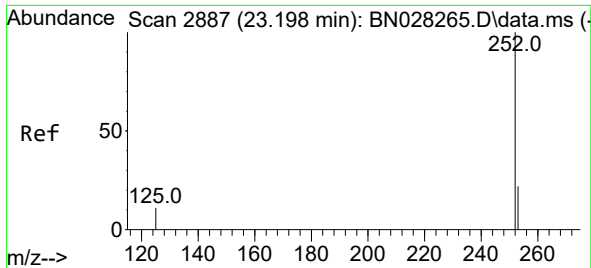
Tgt Ion:149 Resp: 939
 Ion Ratio Lower Upper
 149 100
 167 39.5 22.6 34.0#
 279 6.1 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.928 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BN028372.D
 Acq: 24 Oct 2023 11:21

Tgt Ion:264 Resp: 12659
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.7 31.1
 265 63.2 38.3 57.5#





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 23.177 min Scan# 2880

Delta R.T. 0.000 min

Lab File: BN028372.D

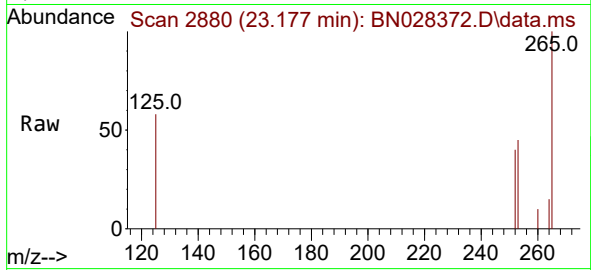
Acq: 24 Oct 2023 11:21

Instrument :

BNA_N

ClientSampleId :

PB156426BL



Tgt Ion:252 Resp: 900

Ion Ratio Lower Upper

252 100

253 112.1 21.8 32.8#

125 144.6 15.6 23.4#

