

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028973.D
 Acq On : 02 Dec 2023 08:03
 Operator : MA/JU
 Sample : 05403-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20231107

Quant Time: Dec 03 08:11:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

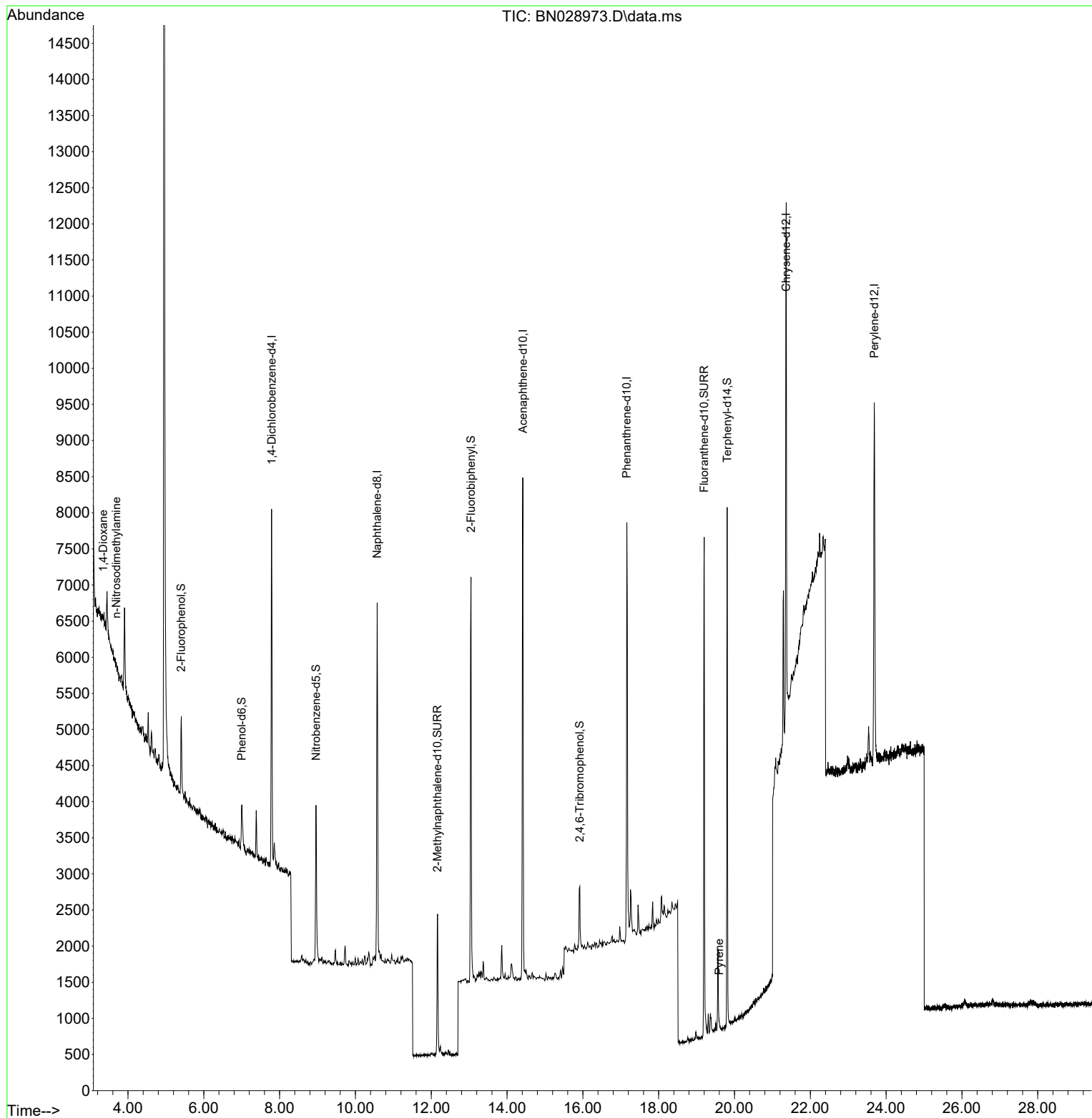
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2305	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	6683	0.400	ng	#-0.01
13) Acenaphthene-d10	14.417	164	4207	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	8829	0.400	ng	#-0.01
29) Chrysene-d12	21.365	240	7547	0.400	ng	# 0.00
35) Perylene-d12	23.687	264	7102	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	774	0.111	ng	0.00
5) Phenol-d6	7.002	99	521	0.067	ng	0.00
8) Nitrobenzene-d5	8.961	82	2014	0.303	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	2790	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	642	0.226	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5090	0.280	ng	0.00
27) Fluoranthene-d10	19.199	212	7852	0.338	ng	0.00
31) Terphenyl-d14	19.808	244	7425	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	46	0.020	ng	# 23
3) n-Nitrosodimethylamine	3.694	42	61	0.109	ng	# 56
30) Pyrene	19.594	202	148	0.097	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.293	149	2486	Below Cal		# 94

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

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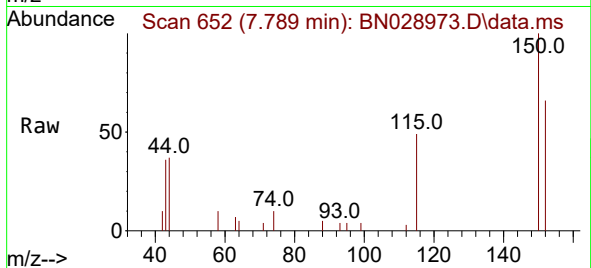
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



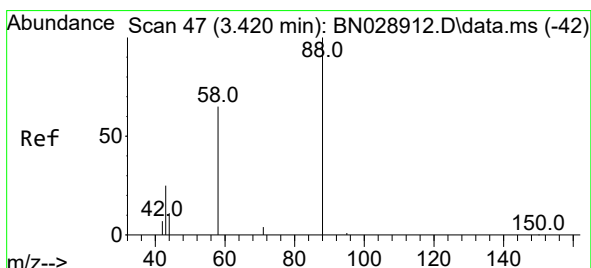
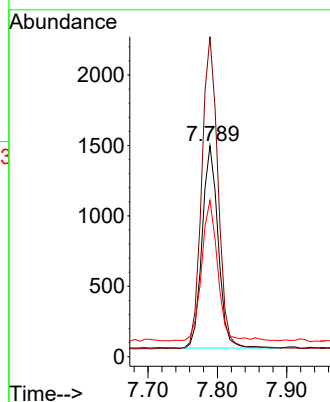
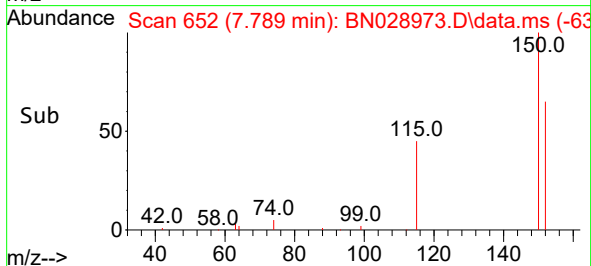


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN028973.D
 Acq: 02 Dec 2023 08:03

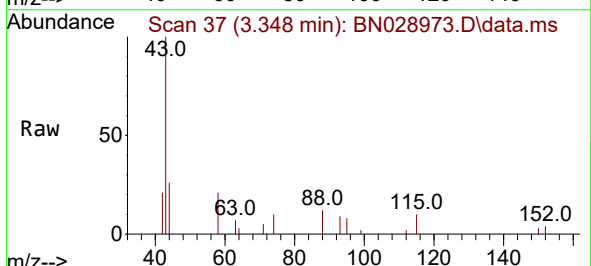
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20231107



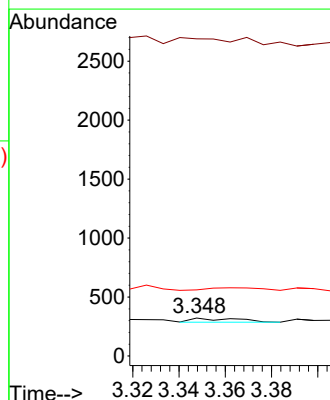
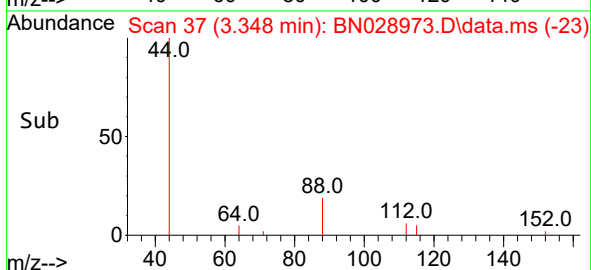
Tgt Ion:152 Resp: 2305
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.4 185.2
 115 74.1 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BN028973.D
 Acq: 02 Dec 2023 08:03



Tgt Ion: 88 Resp: 46
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 0.0 55.0 82.4#

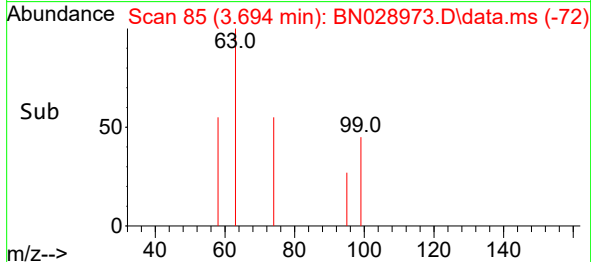
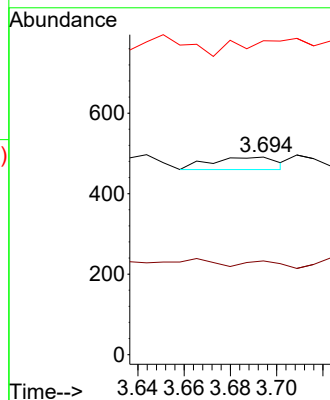
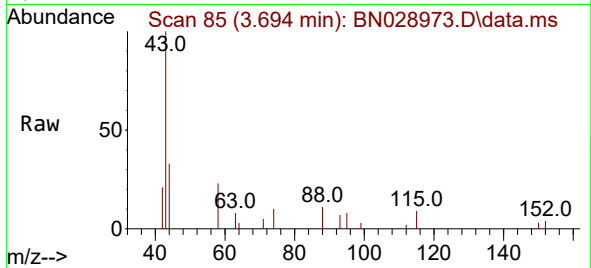




#3
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.694 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

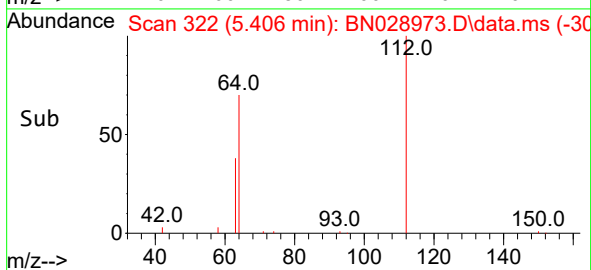
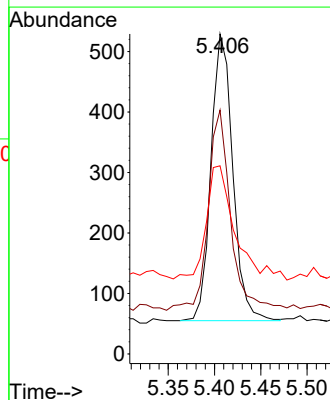
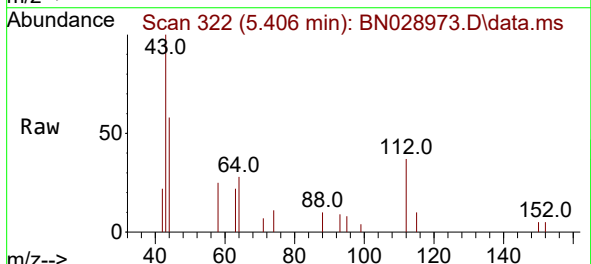
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20231107

Tgt Ion: 42 Resp: 61
Ion Ratio Lower Upper
42 100
74 34.4 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

Tgt Ion: 112 Resp: 774
Ion Ratio Lower Upper
112 100
64 72.4 51.5 77.3
63 52.7 30.4 45.6#

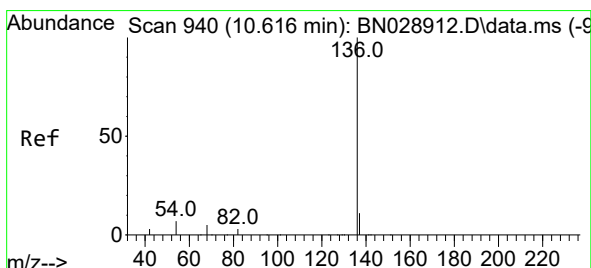
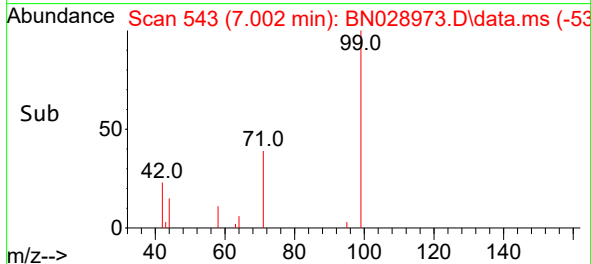
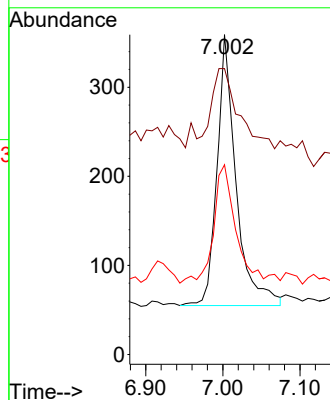
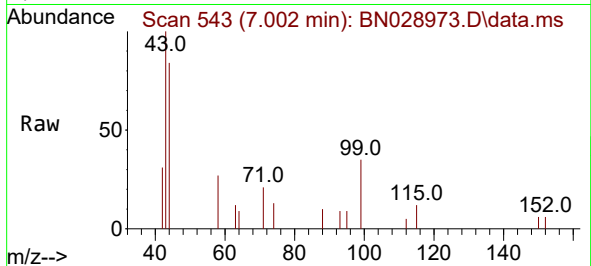




#5
Phenol-d6
Concen: 0.067 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

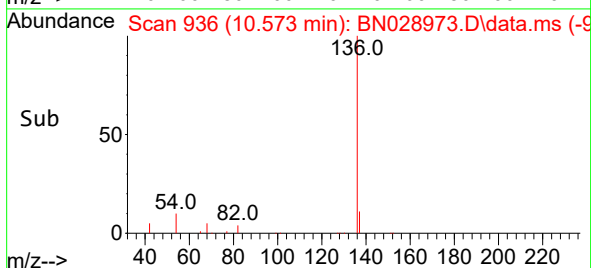
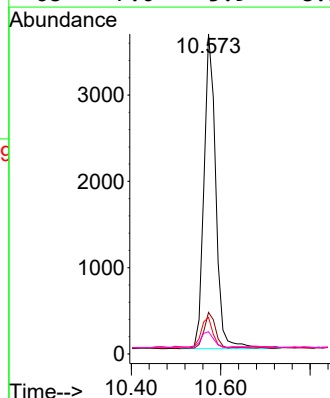
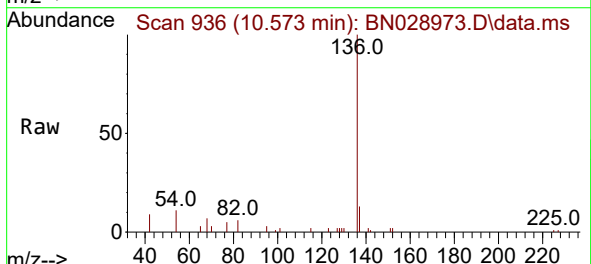
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20231107

Tgt Ion: 99 Resp: 521
Ion Ratio Lower Upper
99 100
42 41.8 21.2 31.8#
71 50.9 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

Tgt Ion: 136 Resp: 6683
Ion Ratio Lower Upper
136 100
137 13.0 10.6 16.0
54 11.5 7.5 11.3#
68 7.0 5.9 8.9

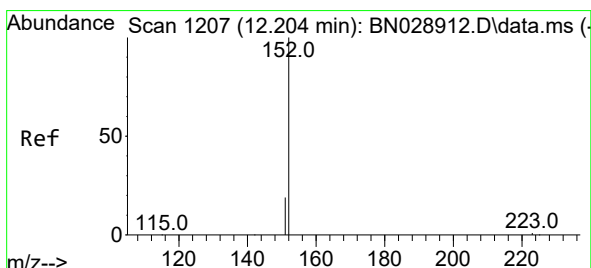
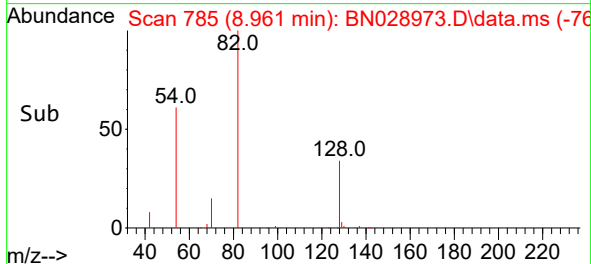
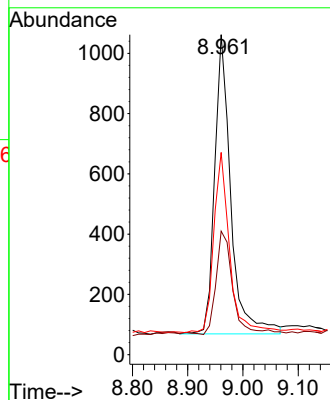
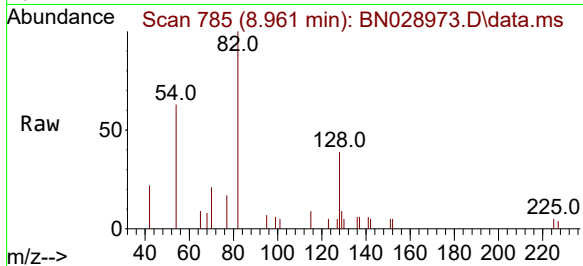




#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

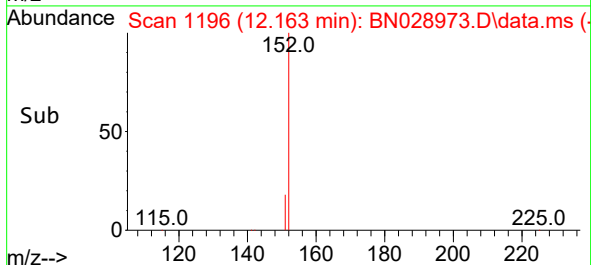
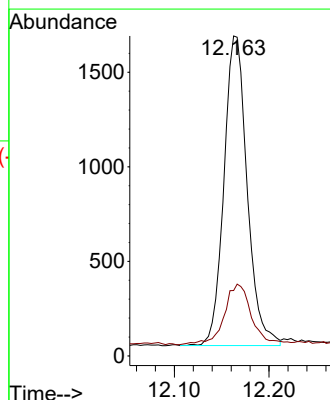
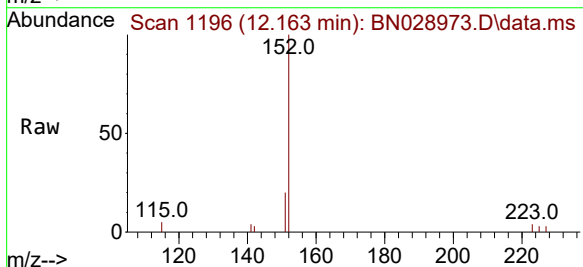
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20231107

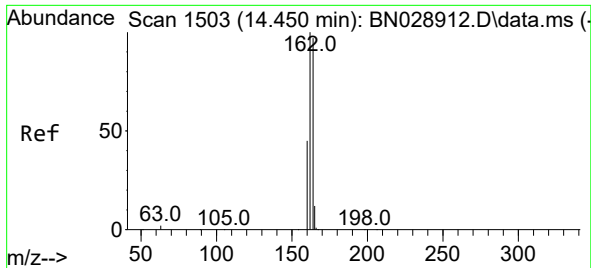
Tgt Ion: 82 Resp: 2014
Ion Ratio Lower Upper
82 100
128 38.6 29.2 43.8
54 63.2 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.163 min Scan# 1196
Delta R.T. -0.008 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

Tgt Ion: 152 Resp: 2790
Ion Ratio Lower Upper
152 100
151 23.1 16.7 25.1

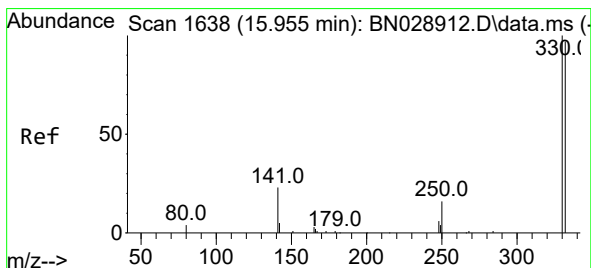
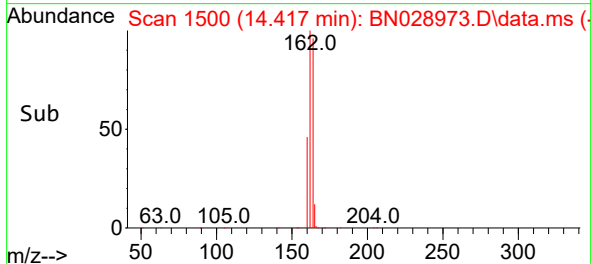
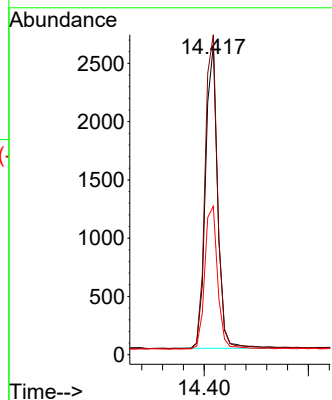
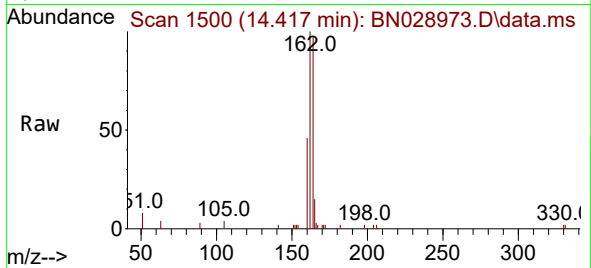




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.417 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

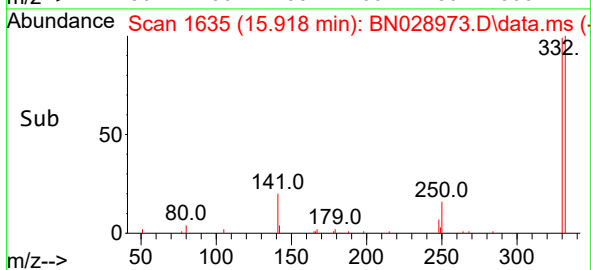
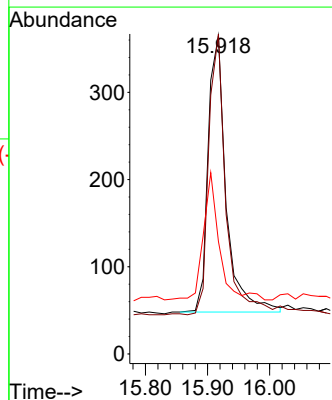
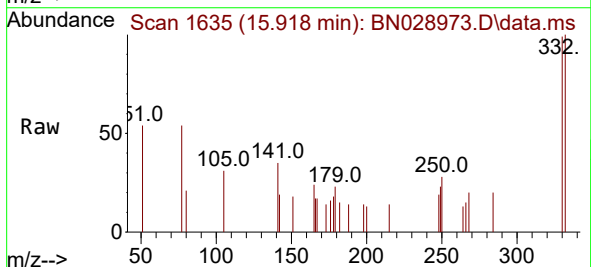
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RW11-MW01I-20231107

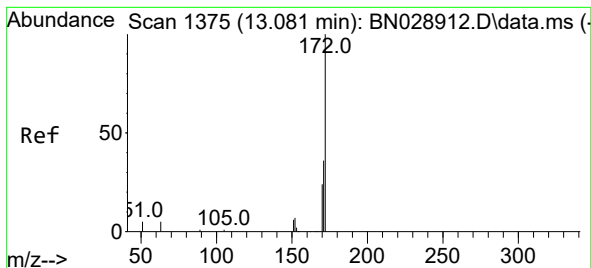
Tgt Ion:164 Resp: 4207
Ion Ratio Lower Upper
164 100
162 103.5 81.7 122.5
160 48.1 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.918 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 94.7 75.4 113.2
141 40.2 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.280 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028973.D

Acq: 02 Dec 2023 08:03

Instrument :

BNA_N

ClientSampleId :

RW11-MW01I-20231107

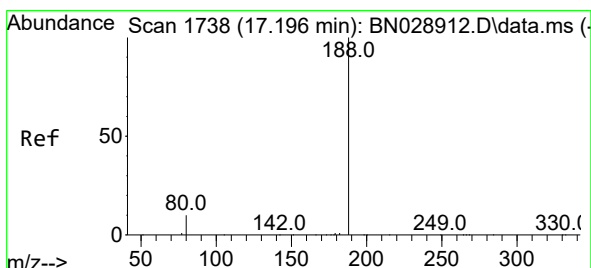
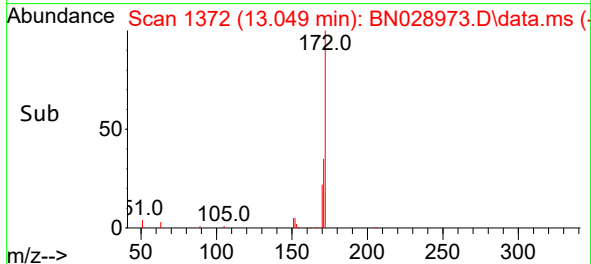
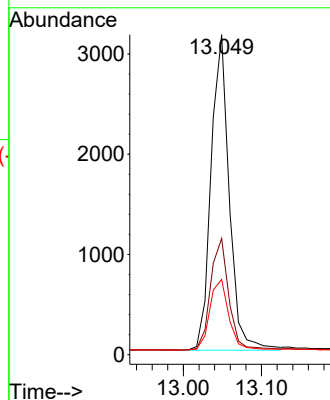
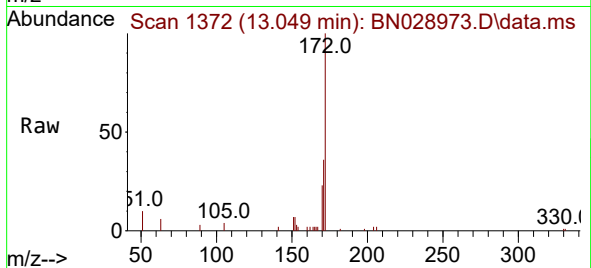
Tgt Ion:172 Resp: 5090

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.5 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1735

Delta R.T. -0.013 min

Lab File: BN028973.D

Acq: 02 Dec 2023 08:03

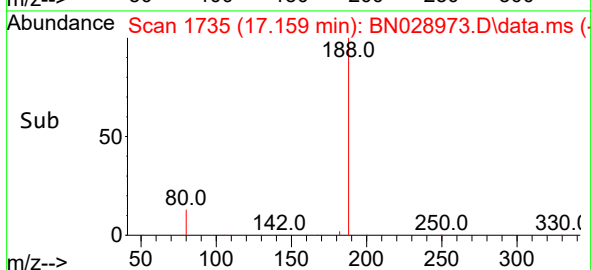
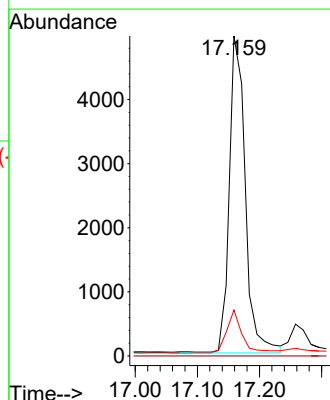
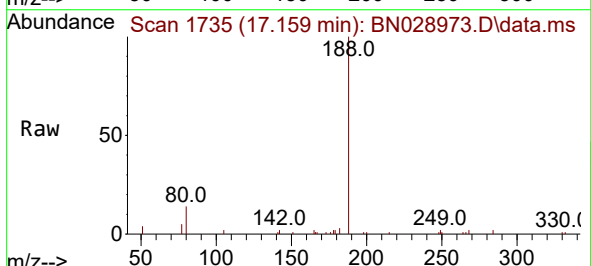
Tgt Ion:188 Resp: 8829

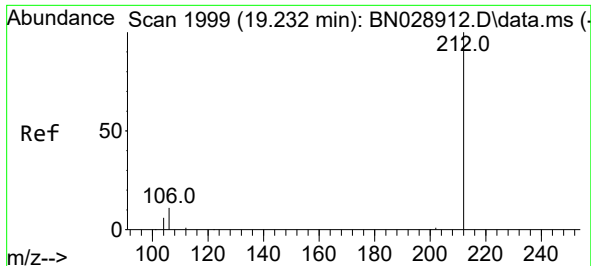
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 9.0 13.6#

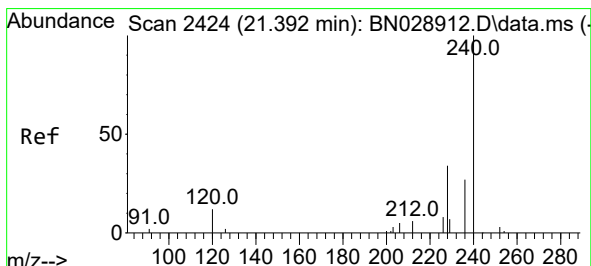
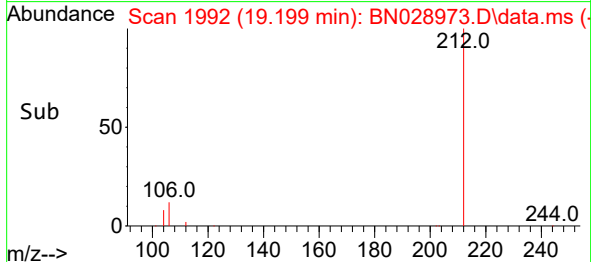
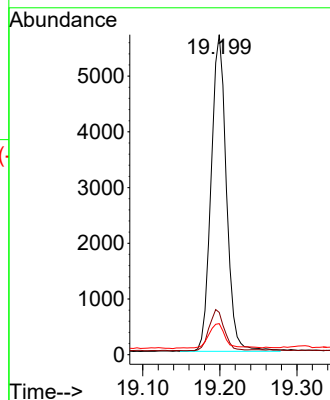
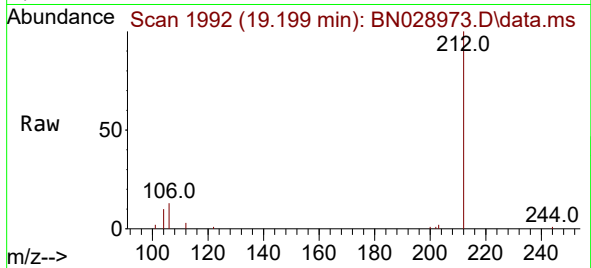




#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.199 min Scan# 1992
Delta R.T. -0.010 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

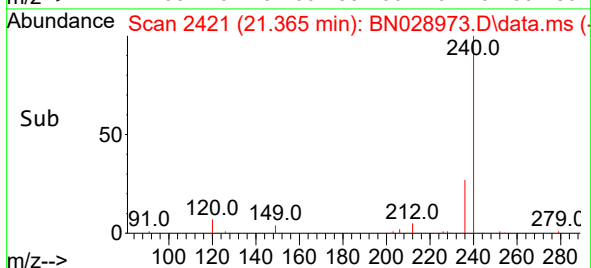
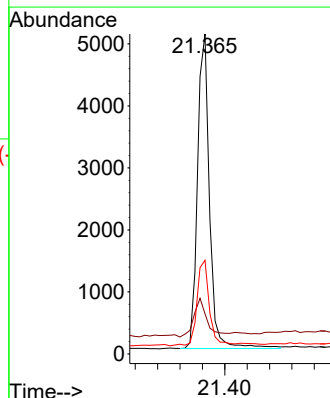
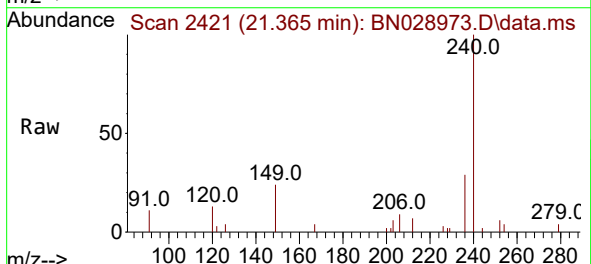
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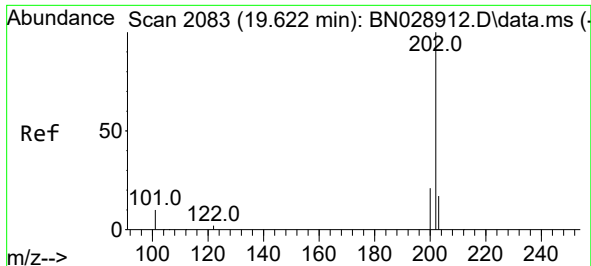
Tgt Ion:212 Resp: 7852
Ion Ratio Lower Upper
212 100
106 12.9 9.4 14.2
104 9.1 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028973.D
Acq: 02 Dec 2023 08:03

Tgt Ion:240 Resp: 7547
Ion Ratio Lower Upper
240 100
120 12.6 37.1 55.7#
236 29.3 32.4 48.6#





#30

Pyrene

Concen: 0.097 ng

RT: 19.594 min Scan# 2083

Delta R.T. -0.010 min

Lab File: BN028973.D

Acq: 02 Dec 2023 08:03

Instrument :

BNA_N

ClientSampleId :

RW11-MW01I-20231107

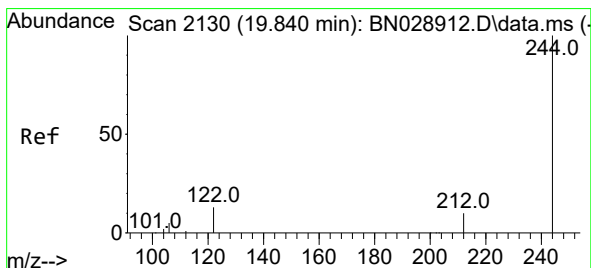
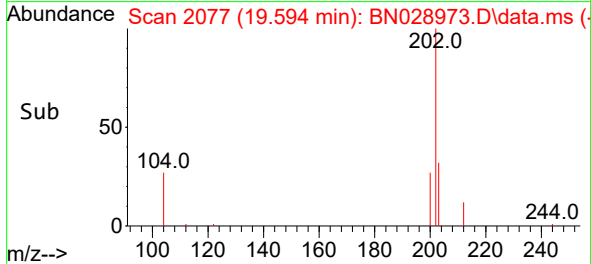
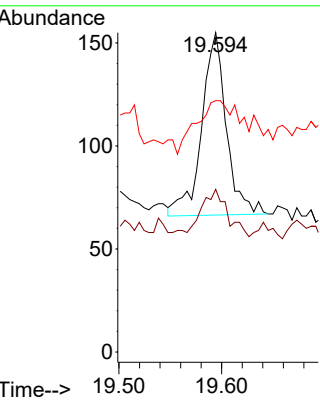
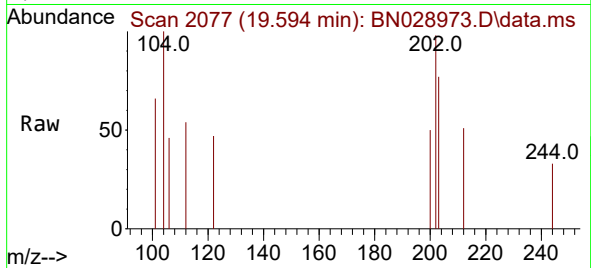
Tgt Ion:202 Resp: 148

Ion Ratio Lower Upper

202 100

200 28.4 16.9 25.3#

203 50.7 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.365 ng

RT: 19.808 min Scan# 2123

Delta R.T. -0.010 min

Lab File: BN028973.D

Acq: 02 Dec 2023 08:03

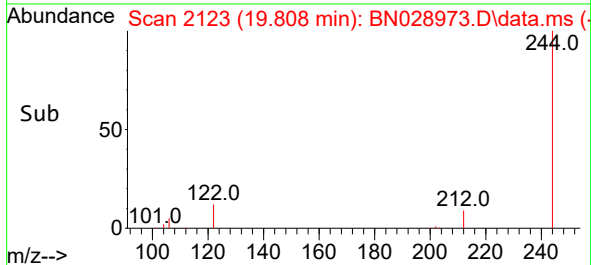
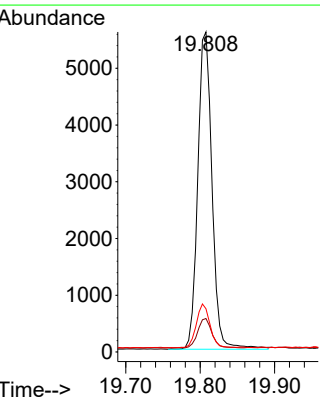
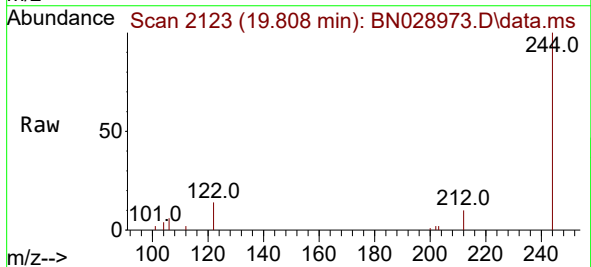
Tgt Ion:244 Resp: 7425

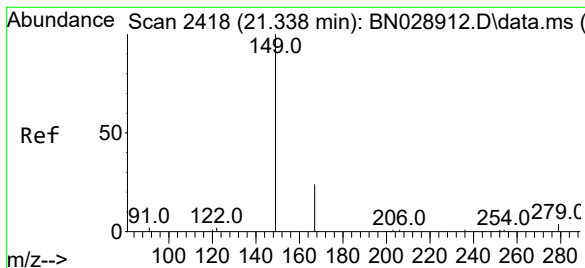
Ion Ratio Lower Upper

244 100

212 10.4 11.5 17.3#

122 13.5 13.2 19.8

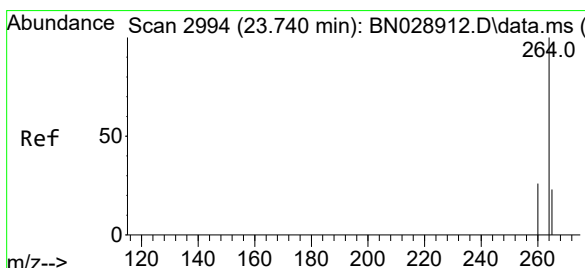
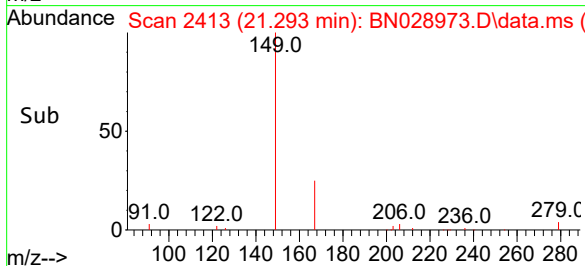
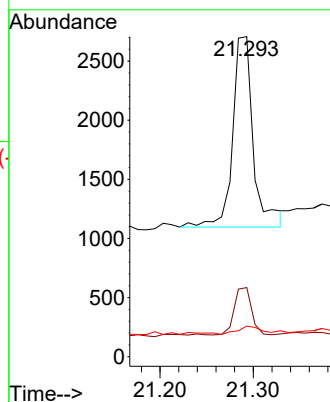
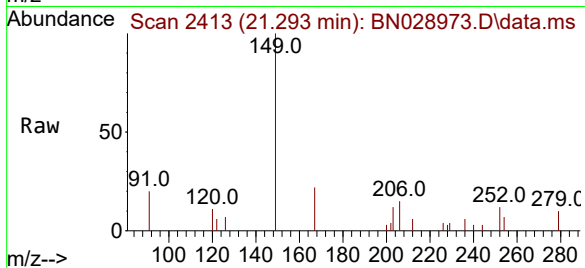




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.293 min Scan# 2413
 Delta R.T. -0.009 min
 Lab File: BN028973.D
 Acq: 02 Dec 2023 08:03

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20231107

Tgt Ion:149 Resp: 2486
 Ion Ratio Lower Upper
 149 100
 167 20.7 14.9 22.3
 279 4.9 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.687 min Scan# 2976
 Delta R.T. -0.021 min
 Lab File: BN028973.D
 Acq: 02 Dec 2023 08:03

Tgt Ion:264 Resp: 7102
 Ion Ratio Lower Upper
 264 100
 260 28.6 20.6 30.8
 265 84.6 464.5 696.7#

