

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
 Data File : BN022019.D
 Acq On : 06 Oct 2022 14:36
 Operator : CG/JU
 Sample : N4785-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Oct 07 00:40:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

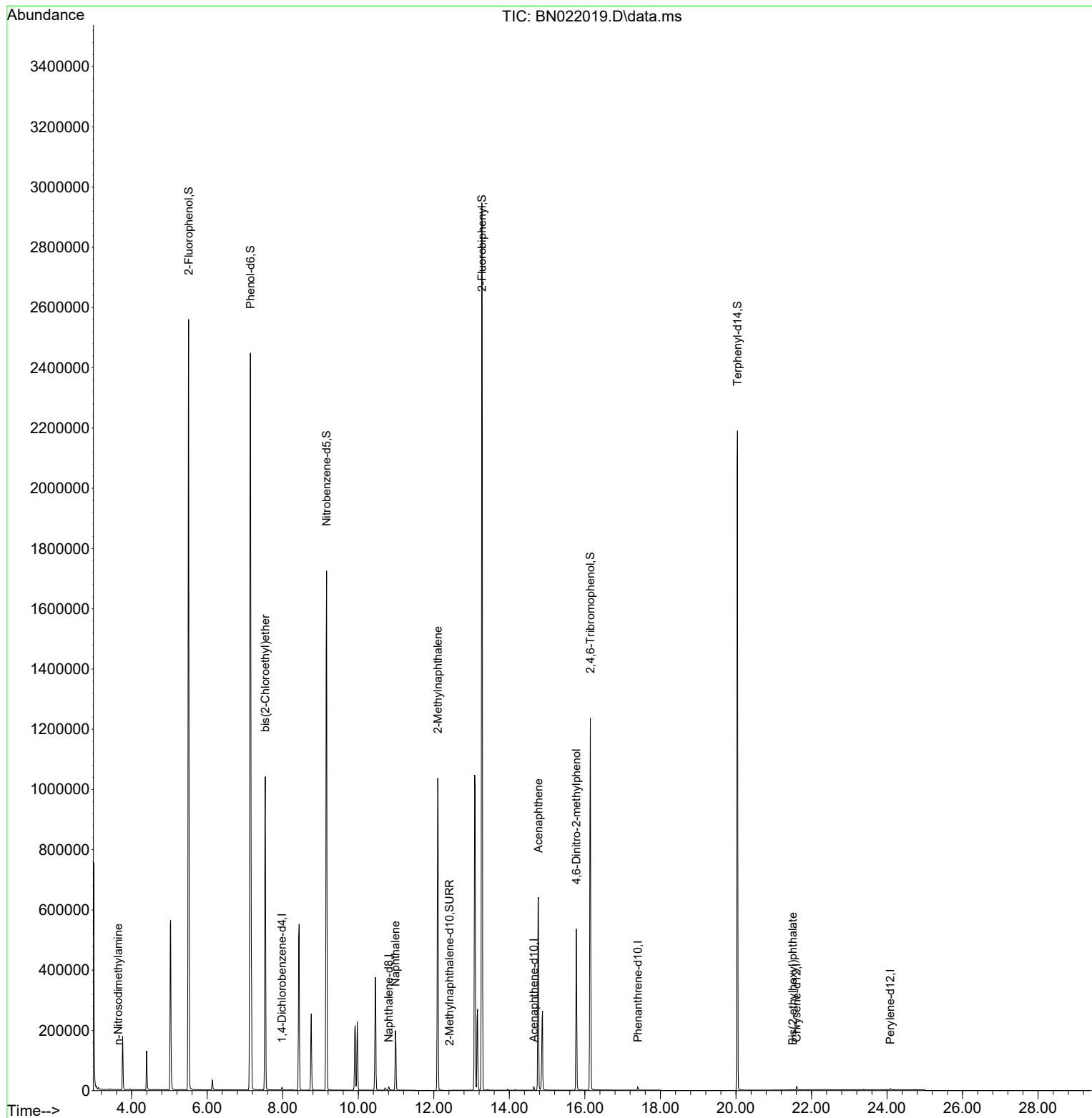
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	4496	0.400	ng	0.00
7) Naphthalene-d8	10.805	136	14306	0.400	ng	-0.01
13) Acenaphthene-d10	14.653	164	7007	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	14020	0.400	ng	#-0.01
29) Chrysene-d12	21.609	240	9833	0.400	ng	0.00
35) Perylene-d12	24.090	264	5282	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	2016422	193.607	ng	0.00
5) Phenol-d6	7.148	99	2722592	201.465	ng	0.00
8) Nitrobenzene-d5	9.161	82	1369039	119.026	ng	0.00
11) 2-Methylnaphthalene-d10	12.417	152	2034	0.077	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	674061	252.228	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	2628726	85.864	ng	-0.01
27) Fluoranthene-d10	19.445	212	19	0.001	ng	0.00
31) Terphenyl-d14	20.041	244	1944780	98.377	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.645	42	130	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.538	93	38674	2.708	ng	# 1
9) Naphthalene	10.987	128	72897	1.687	ng	# 78
12) 2-Methylnaphthalene	12.107	142	1595605	249.202	ng	# 80
17) Acenaphthene	14.771	154	412551	17.601	ng	# 3
20) 4,6-Dinitro-2-methylph...	15.774	198	310421	112.948	ng	# 52
34) Bis(2-ethylhexyl)phtha...	21.501	149	733	0.041	ng	# 99

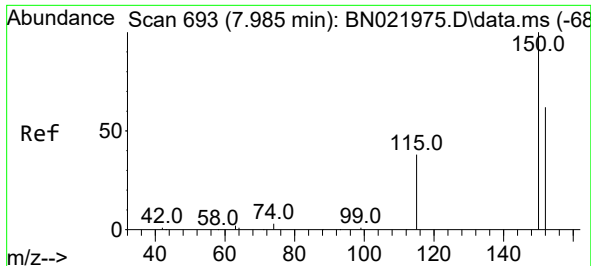
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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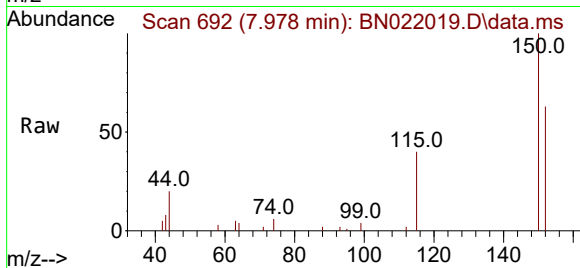
Quant Time: Oct 07 00:40:16 2022
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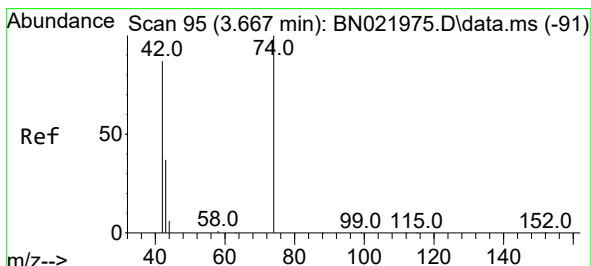
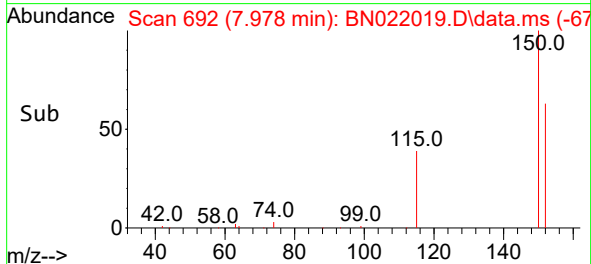
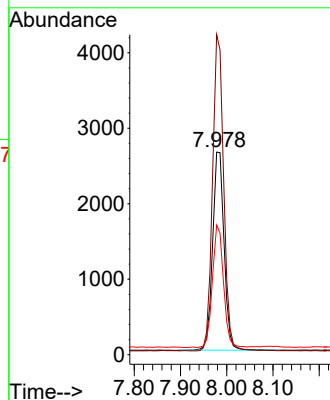


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.978 min Scan# 693
Delta R.T. -0.007 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

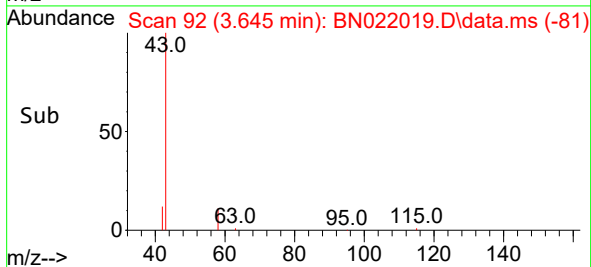
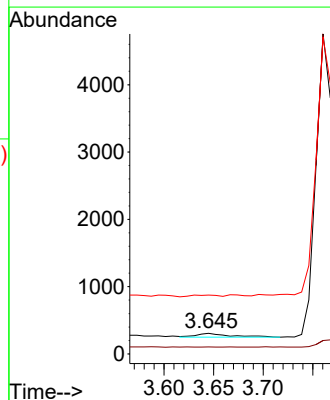
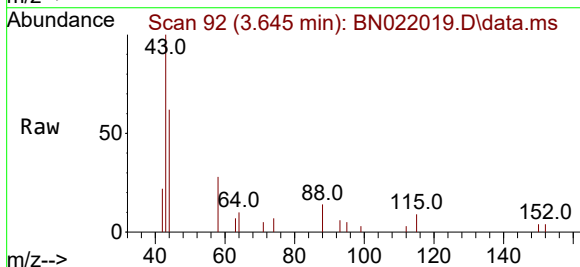


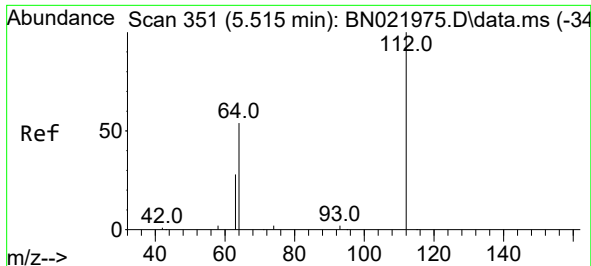
Tgt Ion:152 Resp: 4496
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 63.9 51.4 77.0



#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.645 min Scan# 92
Delta R.T. -0.022 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion: 42 Resp: 130
Ion Ratio Lower Upper
42 100
74 0.0 101.6 152.4#
44 0.0 10.4 15.6#

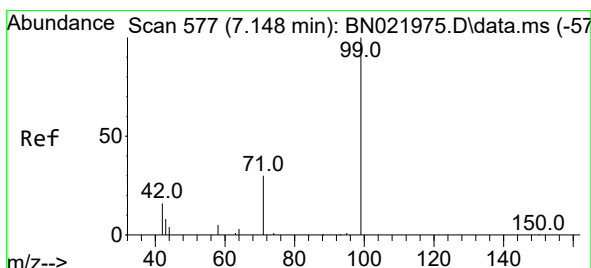
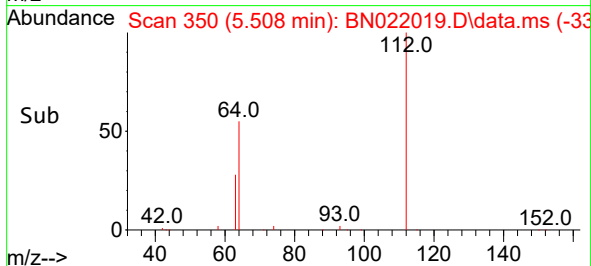
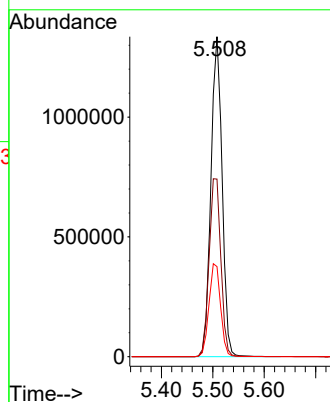
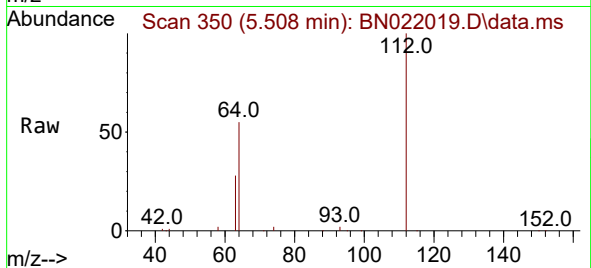




#4
2-Fluorophenol
Concen: 193.607 ng
RT: 5.508 min Scan# 351
Delta R.T. -0.007 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

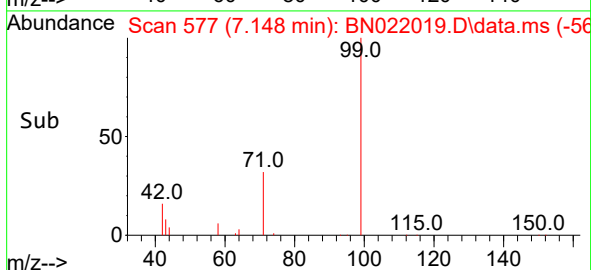
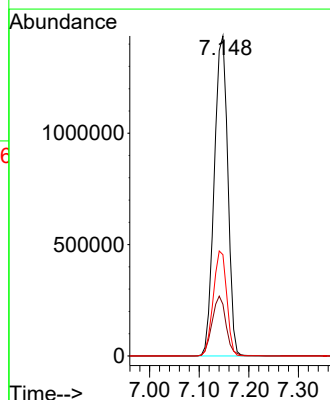
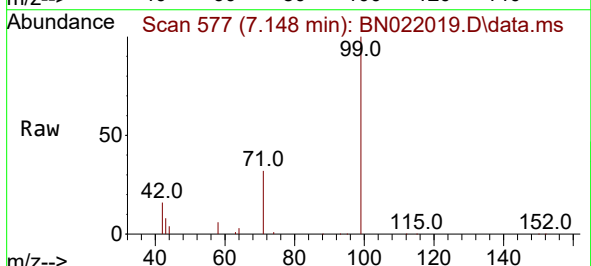
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BNA_N
ClientSampleId :
PT-ACIDS-WP

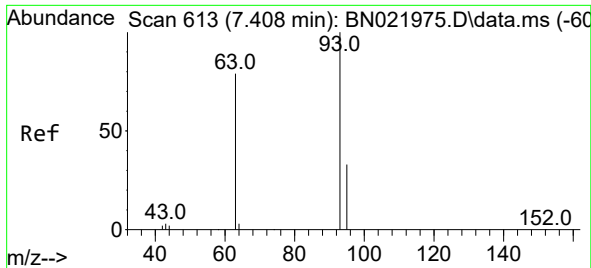
Tgt Ion:112 Resp: 2016422
Ion Ratio Lower Upper
112 100
64 58.9 46.9 70.3
63 30.4 24.6 37.0



#5
Phenol-d6
Concen: 201.465 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion: 99 Resp: 2722592
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 32.8 25.6 38.4

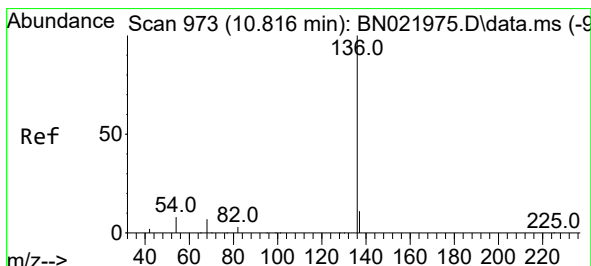
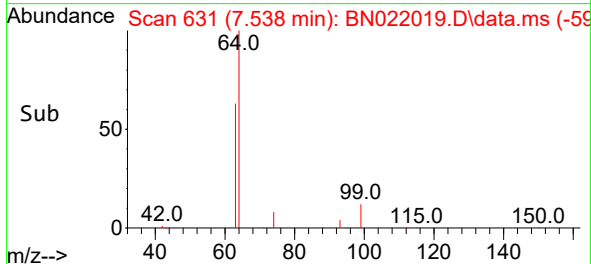
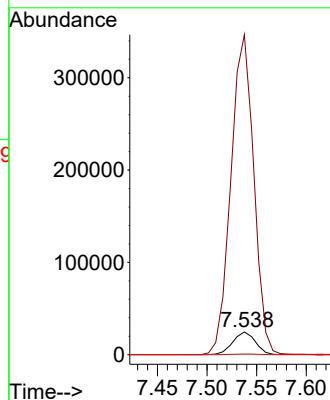
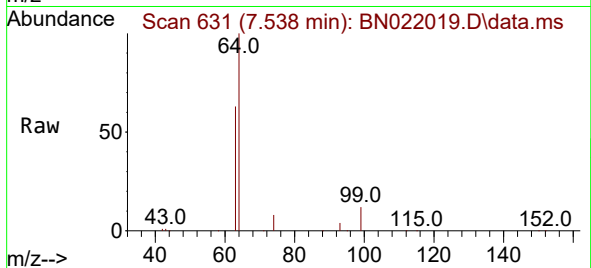




#6
bis(2-Chloroethyl)ether
Concen: 2.708 ng
RT: 7.538 min Scan# 613
Delta R.T. 0.130 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

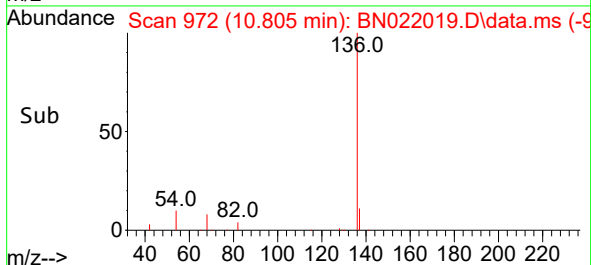
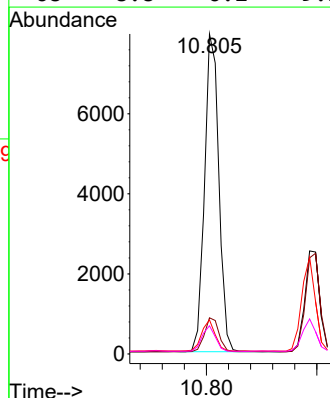
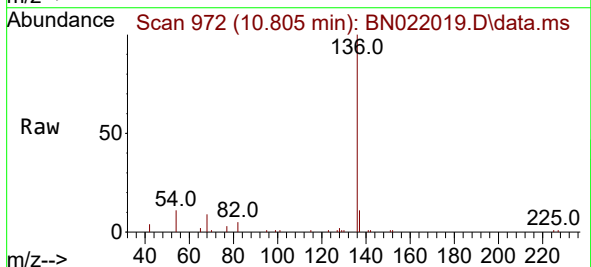
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

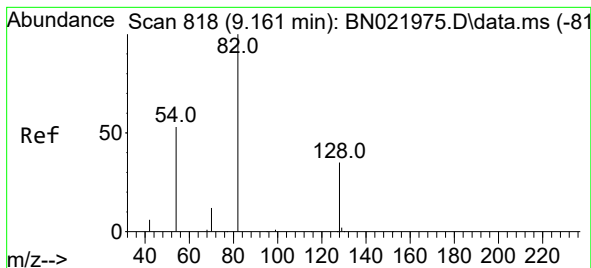
Tgt Ion: 93 Resp: 38674
Ion Ratio Lower Upper
93 100
63 1436.6 64.8 97.2#
95 2.8 26.6 40.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.805 min Scan# 972
Delta R.T. -0.011 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion: 136 Resp: 14306
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 10.6 7.1 10.7
68 8.8 6.2 9.2

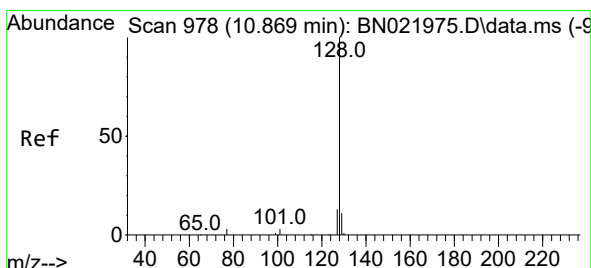
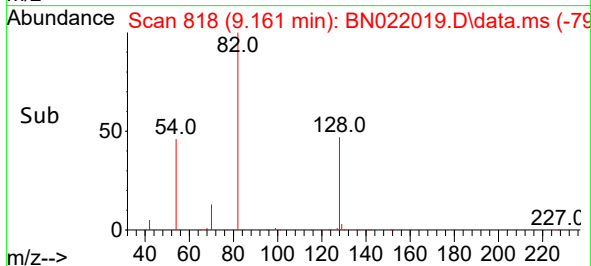
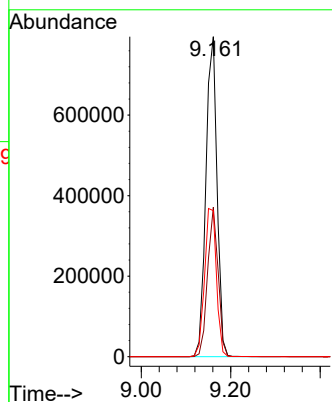
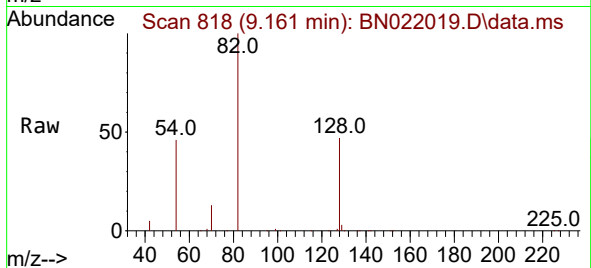




#8
Nitrobenzene-d5
Concen: 119.026 ng
RT: 9.161 min Scan# 818
Delta R.T. -0.000 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

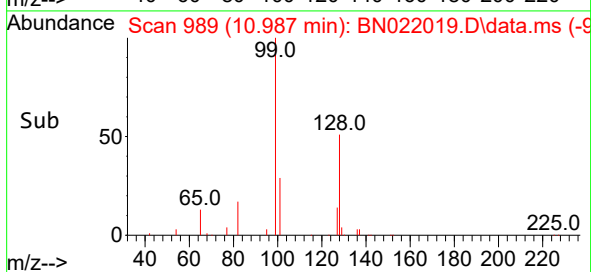
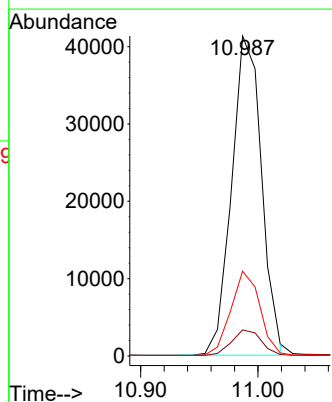
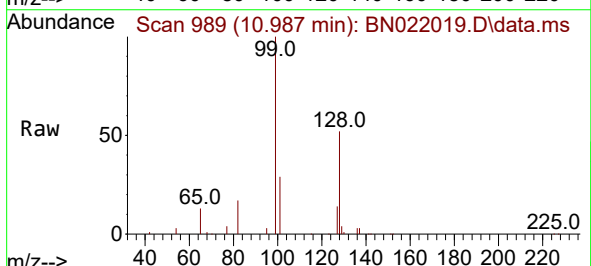
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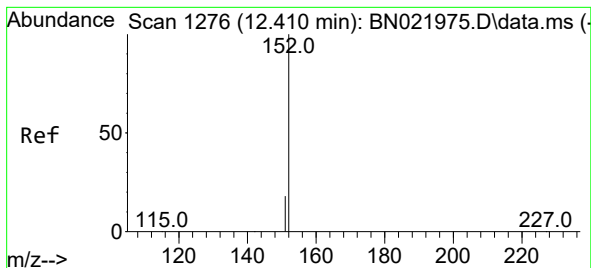
Tgt Ion: 82 Resp: 1369039
Ion Ratio Lower Upper
82 100
128 46.7 29.9 44.9#
54 45.7 43.5 65.3



#9
Naphthalene
Concen: 1.687 ng
RT: 10.987 min Scan# 989
Delta R.T. 0.117 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion: 128 Resp: 72897
Ion Ratio Lower Upper
128 100
129 8.1 9.3 13.9#
127 26.5 10.6 16.0#

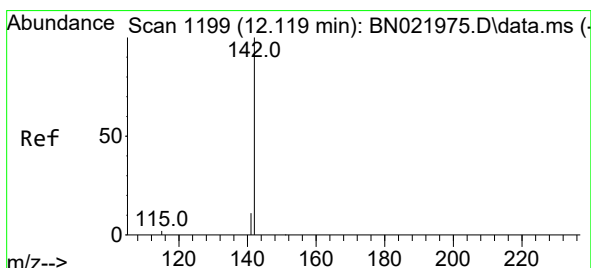
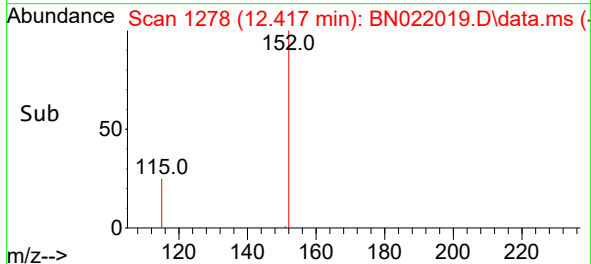
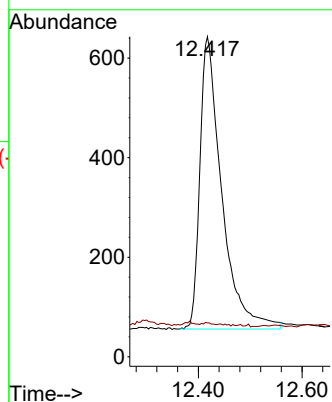
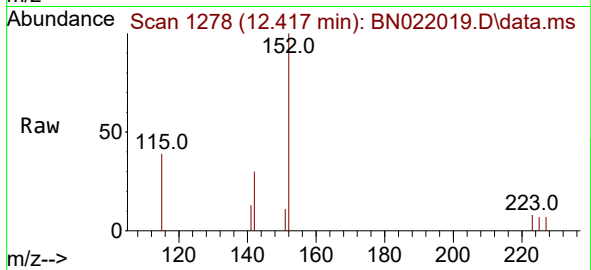




#11
2-Methylnaphthalene-d10
Concen: 0.077 ng
RT: 12.417 min Scan# 1196
Delta R.T. 0.007 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

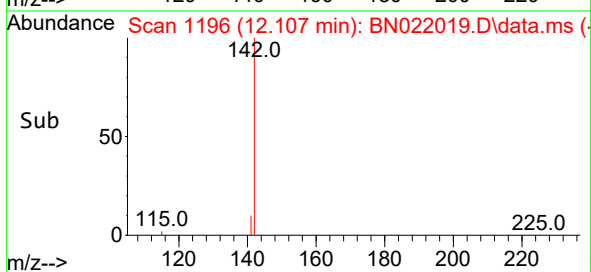
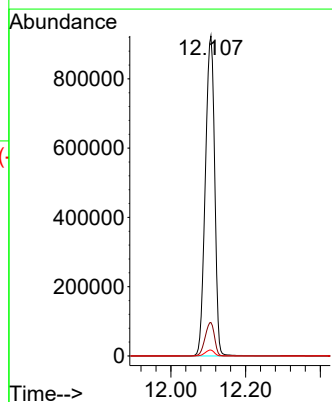
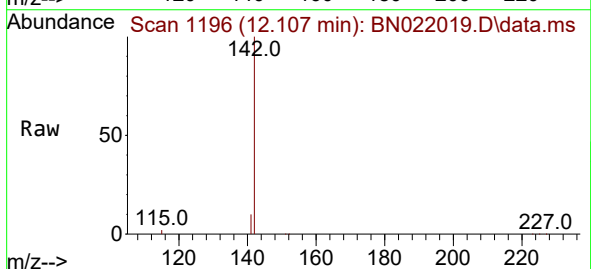
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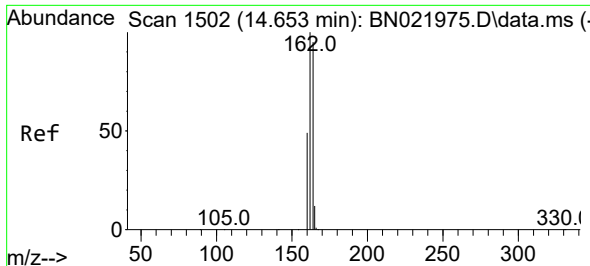
Tgt Ion:152 Resp: 2034
Ion Ratio Lower Upper
152 100
151 0.1 13.8 20.6#



#12
2-Methylnaphthalene
Concen: 249.202 ng
RT: 12.107 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion:142 Resp: 1595605
Ion Ratio Lower Upper
142 100
141 10.5 13.6 20.4#
115 1.9 9.7 14.5#

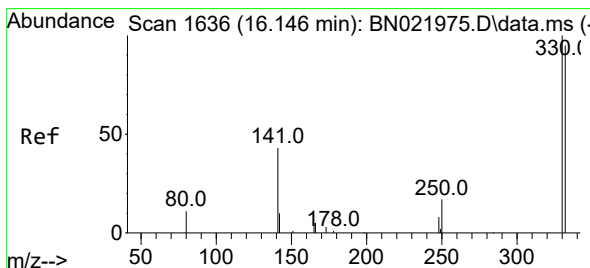
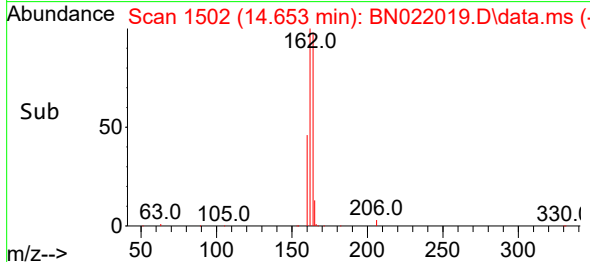
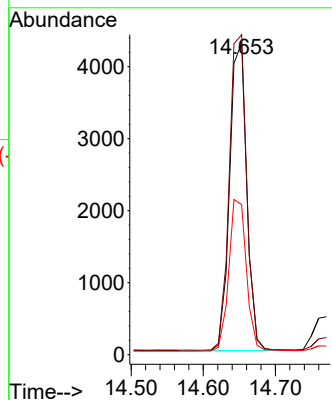
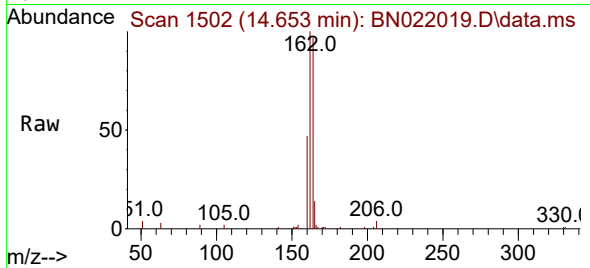




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

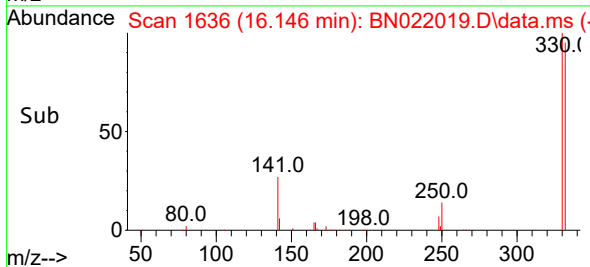
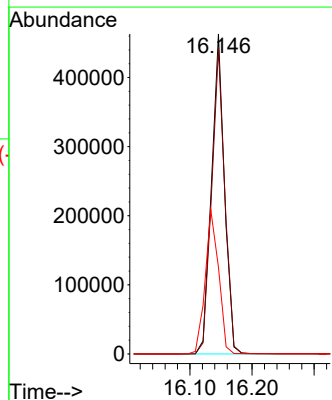
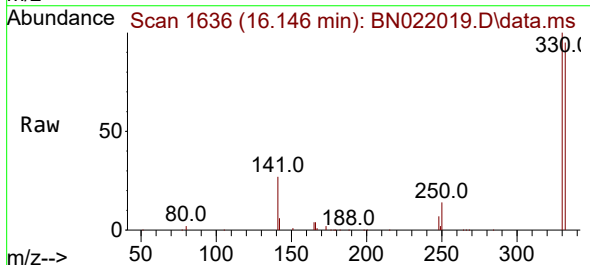
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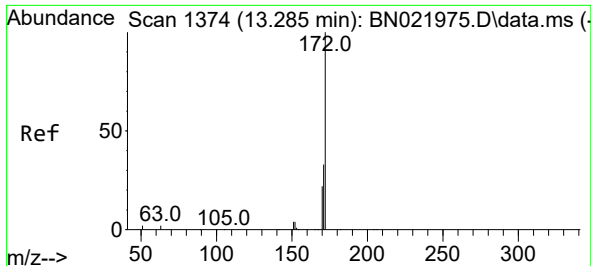
Tgt Ion:164 Resp: 7007
Ion Ratio Lower Upper
164 100
162 102.6 84.3 126.5
160 48.2 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 252.228 ng
RT: 16.146 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion:330 Resp: 674061
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 46.5 35.3 52.9

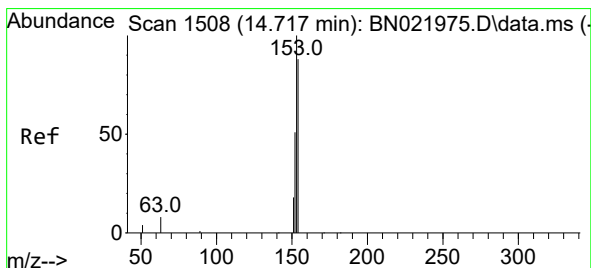
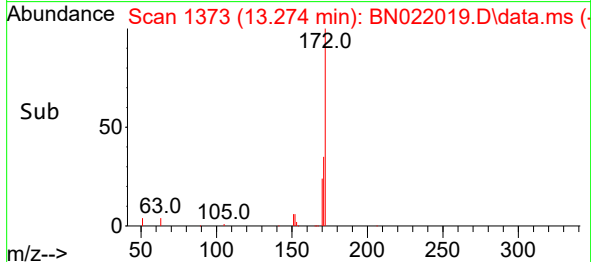
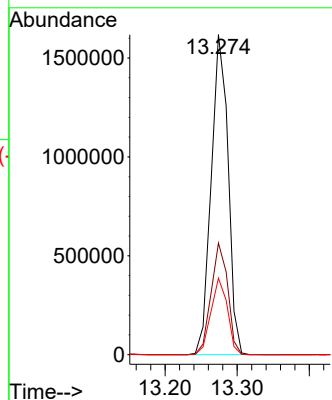
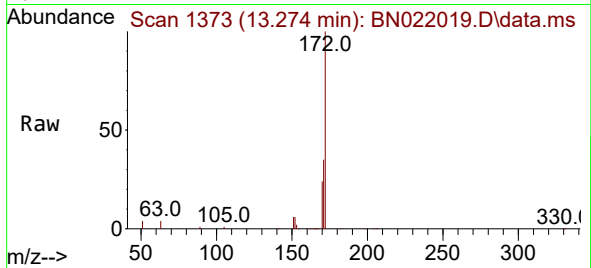




#15
2-Fluorobiphenyl
Concen: 85.864 ng
RT: 13.274 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

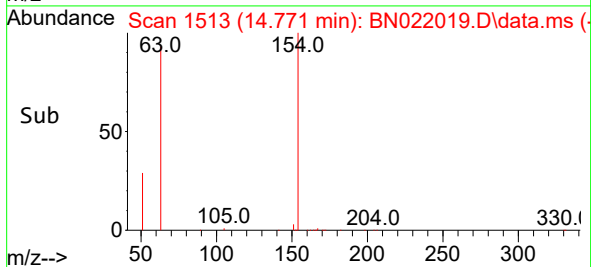
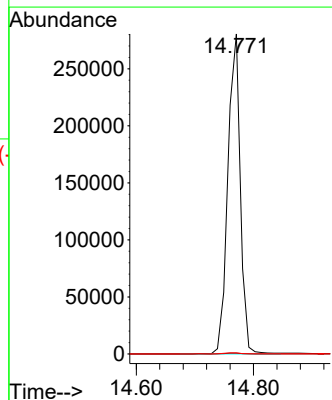
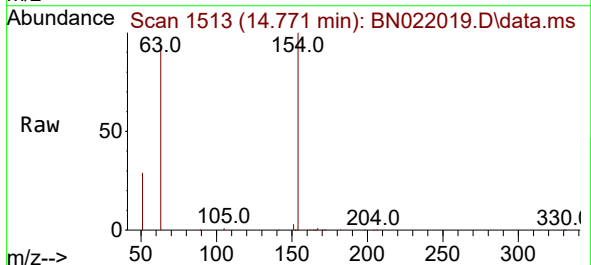
Instrument :
BNA_N
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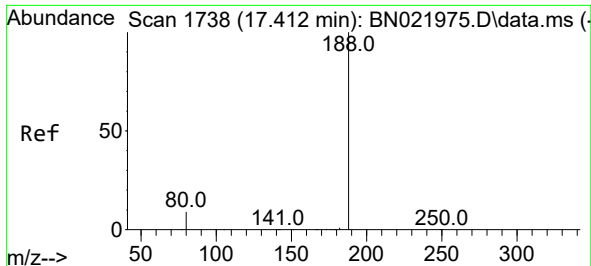
Tgt Ion:172 Resp: 2628726
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 23.9 18.3 27.5



#17
Acenaphthene
Concen: 17.601 ng
RT: 14.771 min Scan# 1513
Delta R.T. 0.053 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion:154 Resp: 412551
Ion Ratio Lower Upper
154 100
153 0.3 92.1 138.1#
152 0.5 47.8 71.6#

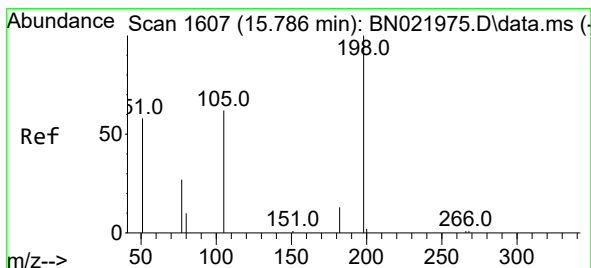
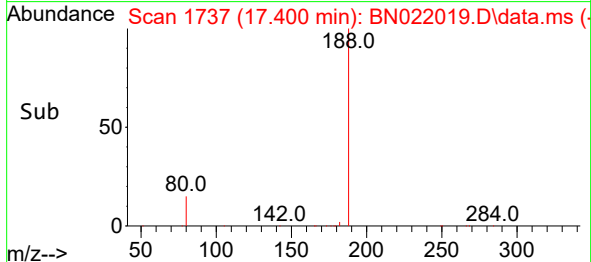
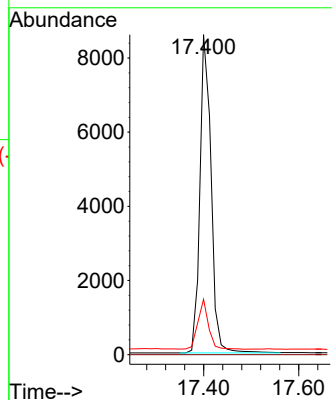
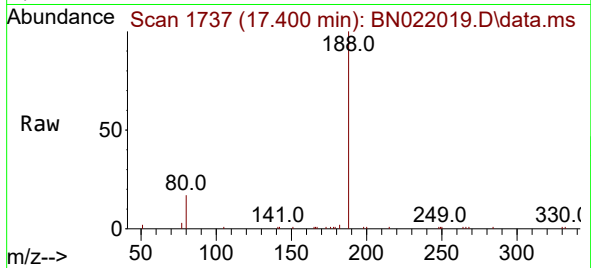




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

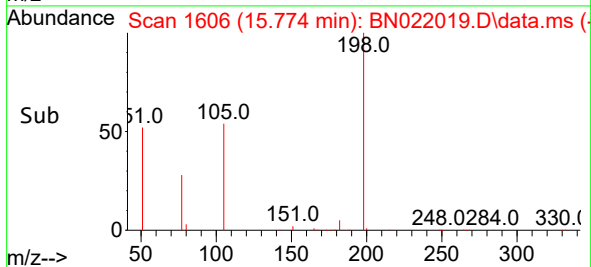
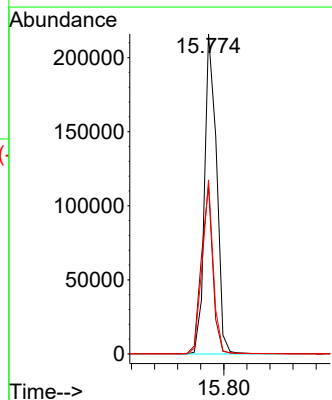
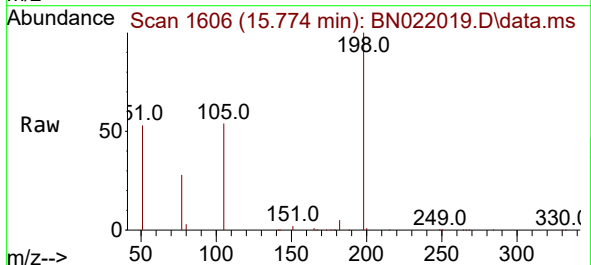
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

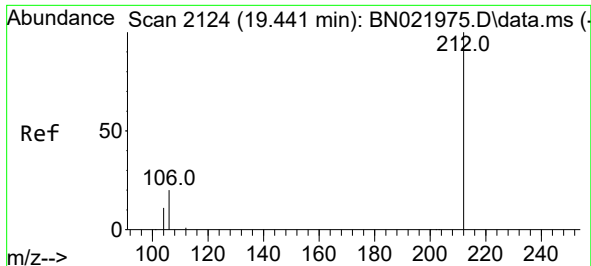
Tgt Ion:188 Resp: 14020
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.3 7.5 11.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 112.948 ng
RT: 15.774 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BN022019.D
Acq: 06 Oct 2022 14:36

Tgt Ion:198 Resp: 310421
Ion Ratio Lower Upper
198 100
51 52.5 96.6 144.8#
105 54.4 64.4 96.6#





#27

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.445 min Scan# 2125

Delta R.T. 0.004 min

Lab File: BN022019.D

Acq: 06 Oct 2022 14:36

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

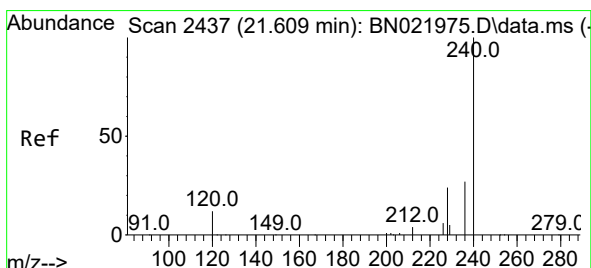
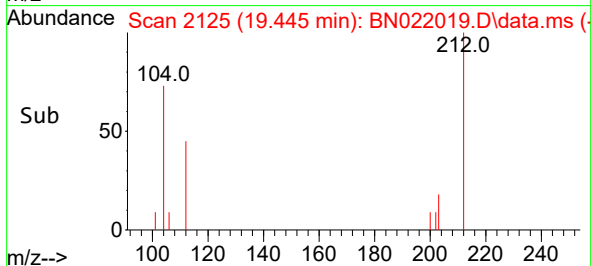
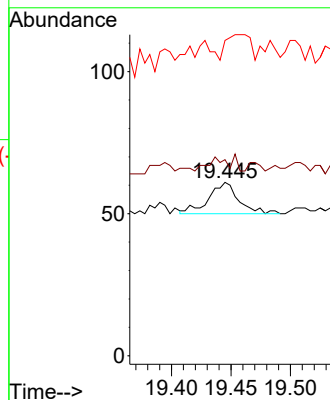
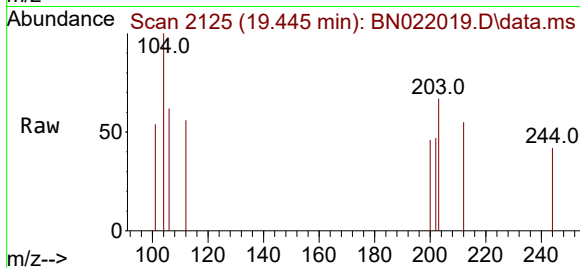
Tgt Ion:212 Resp: 19

Ion Ratio Lower Upper

212 100

106 31.6 15.2 22.8#

104 68.4 8.6 13.0#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.609 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BN022019.D

Acq: 06 Oct 2022 14:36

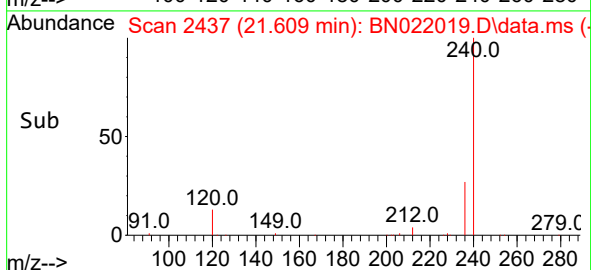
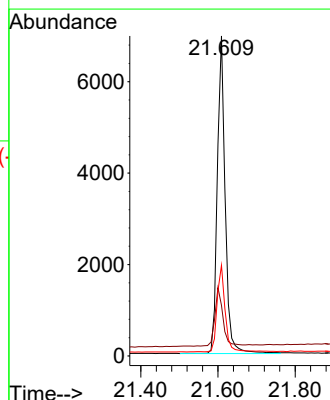
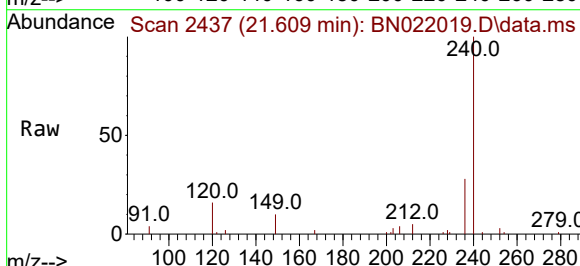
Tgt Ion:240 Resp: 9833

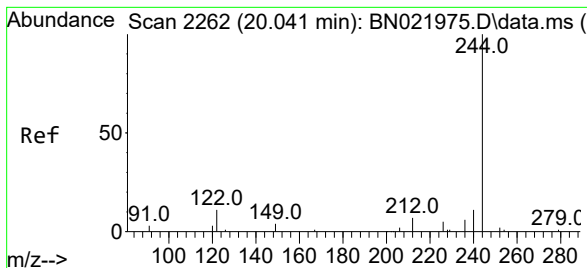
Ion Ratio Lower Upper

240 100

120 15.8 11.8 17.6

236 28.4 22.4 33.6





#31

Terphenyl-d14

Concen: 98.377 ng

RT: 20.041 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN022019.D

Acq: 06 Oct 2022 14:36

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

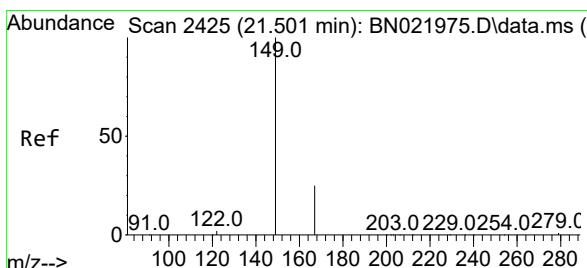
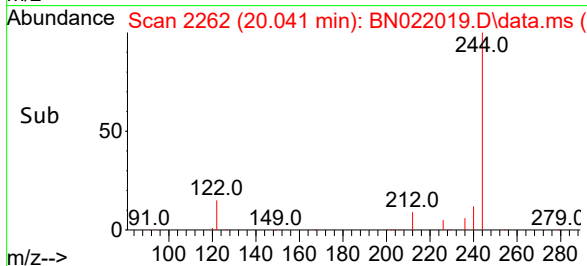
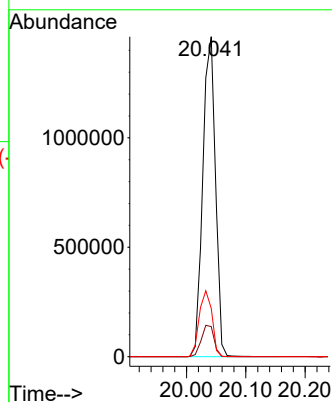
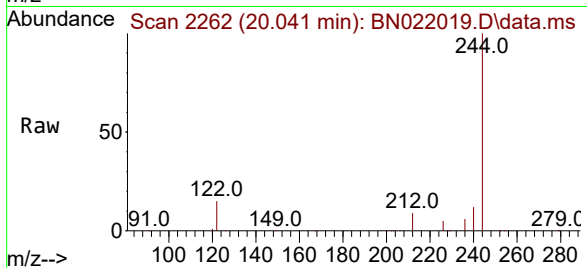
Tgt Ion:244 Resp: 1944780

Ion Ratio Lower Upper

244 100

212 9.4 6.5 9.7

122 15.1 9.1 13.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 21.501 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BN022019.D

Acq: 06 Oct 2022 14:36

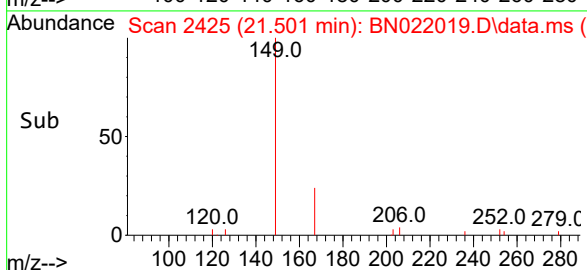
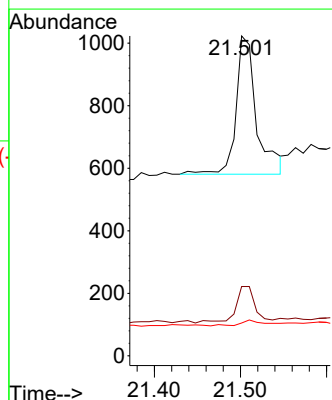
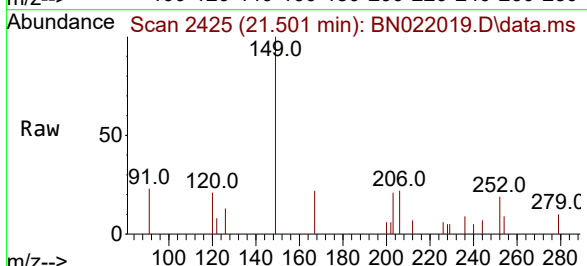
Tgt Ion:149 Resp: 733

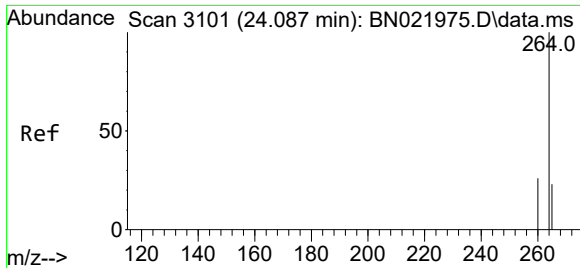
Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.4

279 4.5 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.090 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN022019.D

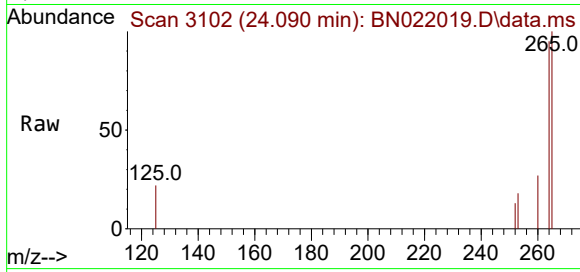
Acq: 06 Oct 2022 14:36

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP



Tgt Ion:264 Resp: 5282

Ion Ratio Lower Upper

264 100

260 28.6 21.3 31.9

265 104.8 63.0 94.4#

