

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
 Data File : BN022020.D
 Acq On : 06 Oct 2022 15:14
 Operator : CG/JU
 Sample : N4785-08DL 25X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 07 00:40:27 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)

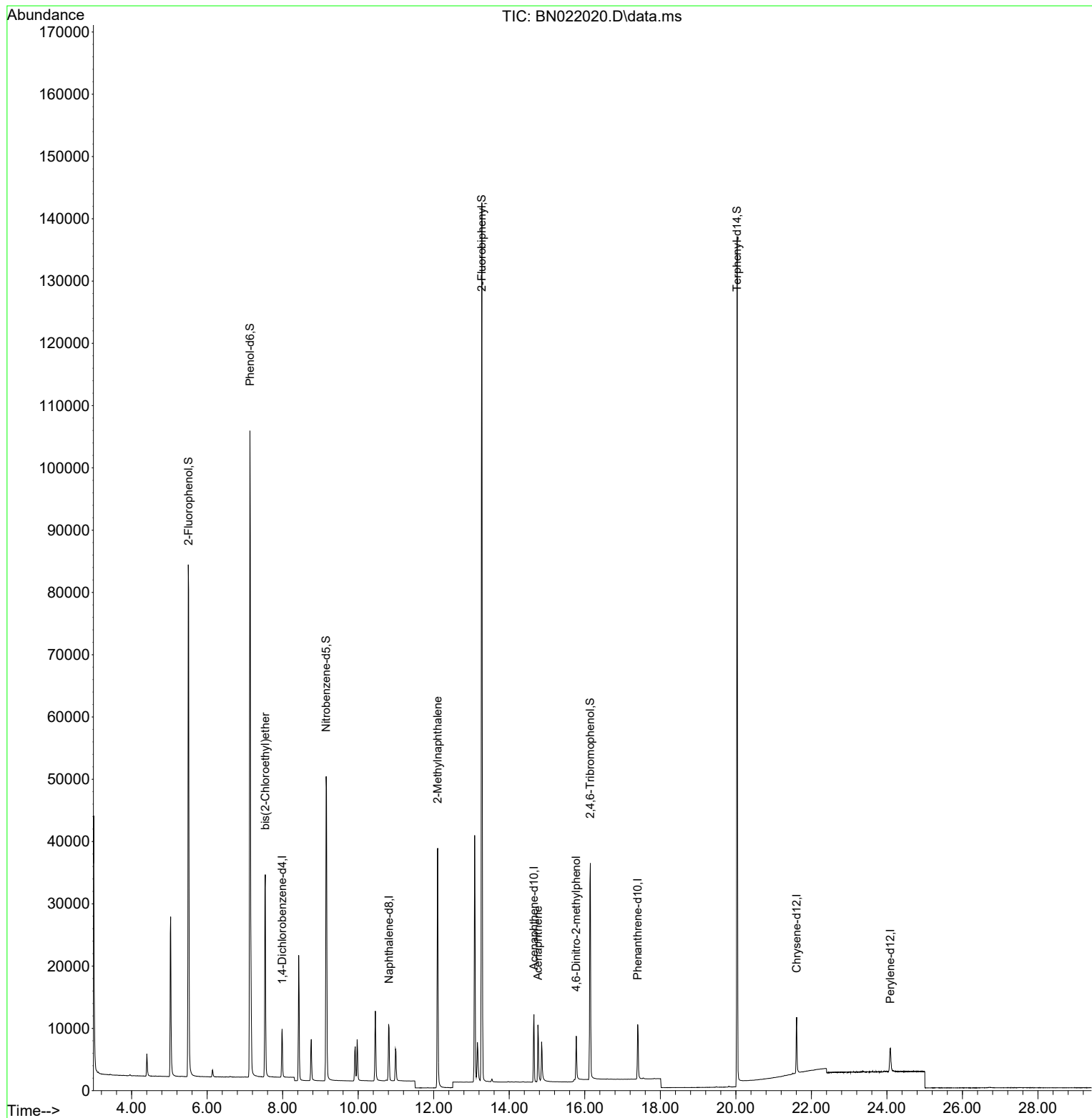
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	4034	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	12660	0.400	ng	# 0.00
13) Acenaphthene-d10	14.653	164	6332	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12862	0.400	ng	#-0.01
29) Chrysene-d12	21.609	240	9216	0.400	ng	0.00
35) Perylene-d12	24.090	264	6505	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	69946	7.485	ng	0.00
5) Phenol-d6	7.133	99	94790	7.818	ng	-0.01
8) Nitrobenzene-d5	9.151	82	43619	4.285	ng	-0.01
11) 2-Methylnaphthalene-d10	12.380	152	39	0.002	ng	-0.03
14) 2,4,6-Tribromophenol	16.146	330	20126	8.334	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	120546	4.357	ng	-0.01
27) Fluoranthene-d10	19.445	212	4	0.000	ng	0.00
31) Terphenyl-d14	20.033	244	103984	5.612	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.538	93	1244	0.097	ng	# 1
12) 2-Methylnaphthalene	12.104	142	56610	9.991	ng	# 80
17) Acenaphthene	14.760	154	5929	0.280	ng	# 4
20) 4,6-Dinitro-2-methylph...	15.774	198	4568	2.001	ng	# 55

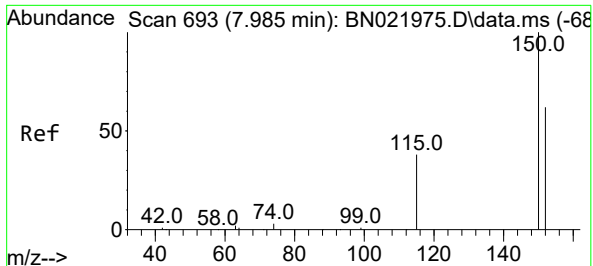
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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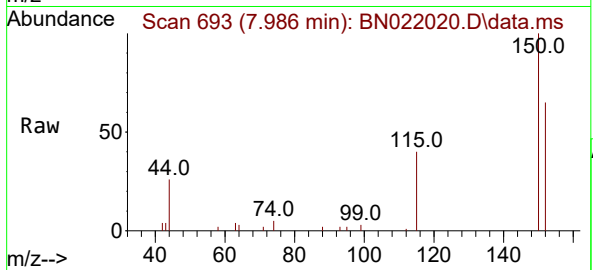
Quant Time: Oct 07 00:40:27 2022
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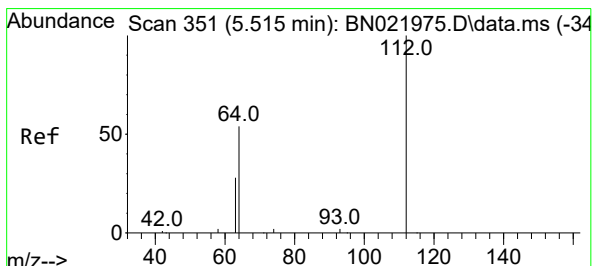
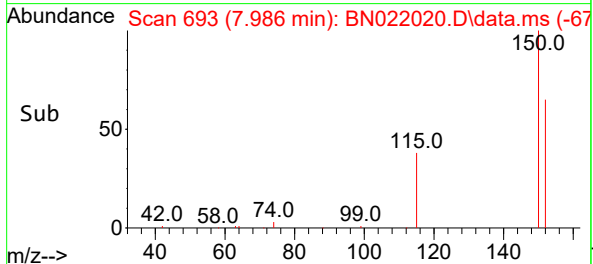
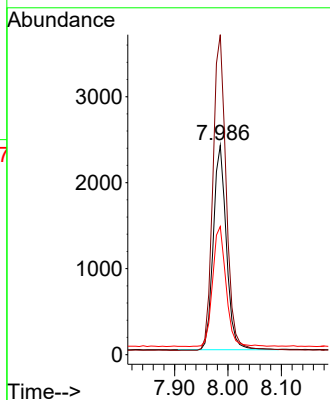


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.986 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

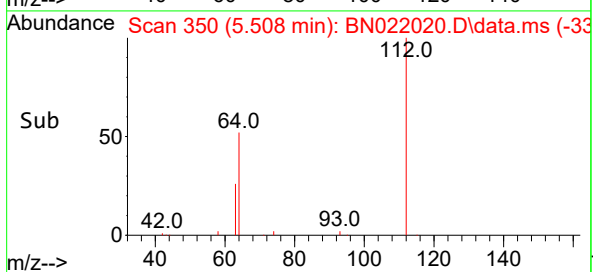
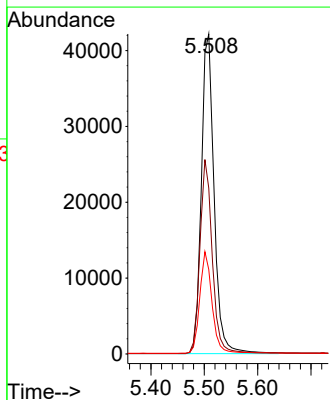
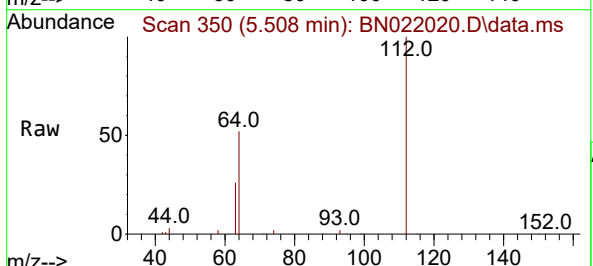


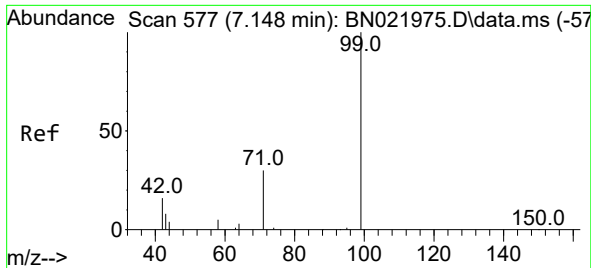
Tgt Ion:152 Resp: 4034
Ion Ratio Lower Upper
152 100
150 152.9 127.2 190.8
115 61.2 51.4 77.0



#4
2-Fluorophenol
Concen: 7.485 ng
RT: 5.508 min Scan# 350
Delta R.T. -0.007 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Tgt Ion:112 Resp: 69946
Ion Ratio Lower Upper
112 100
64 59.1 46.9 70.3
63 30.7 24.6 37.0

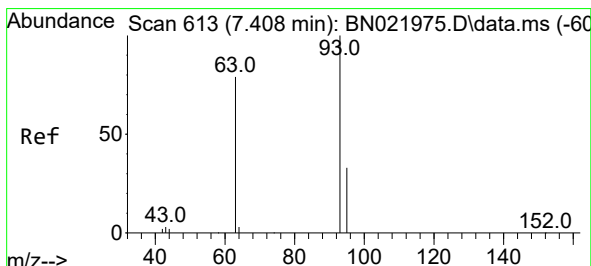
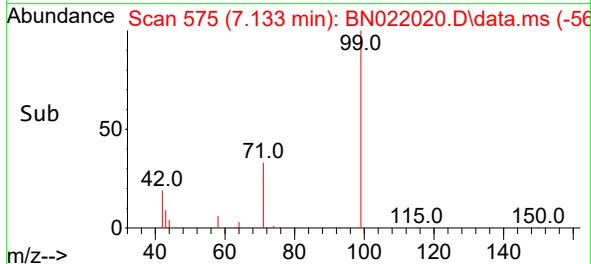
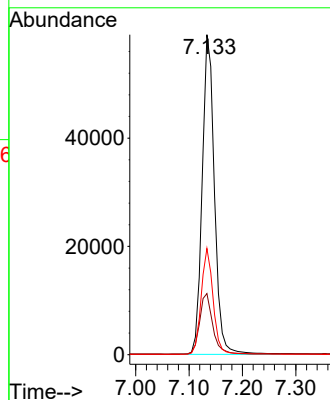
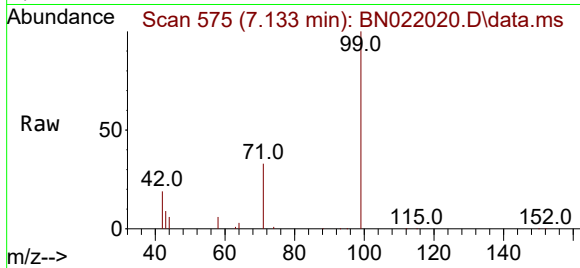




#5
Phenol-d6
Concen: 7.818 ng
RT: 7.133 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

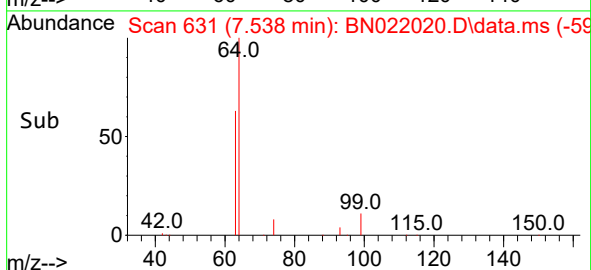
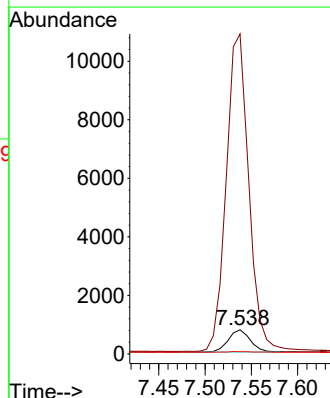
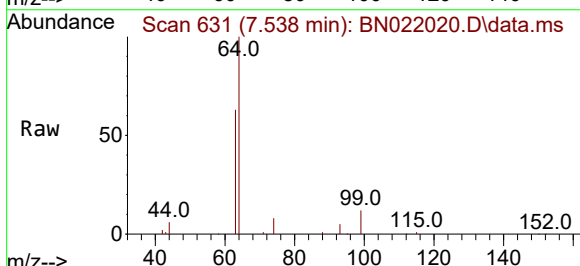
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

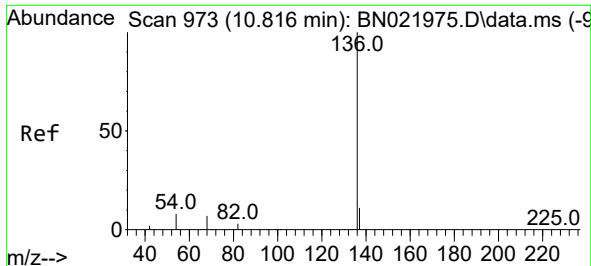
Tgt Ion: 99 Resp: 94790
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 32.4 25.6 38.4



#6
bis(2-Chloroethyl)ether
Concen: 0.097 ng
RT: 7.538 min Scan# 631
Delta R.T. 0.130 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Tgt Ion: 93 Resp: 1244
Ion Ratio Lower Upper
93 100
63 1470.2 64.8 97.2#
95 3.3 26.6 40.0#

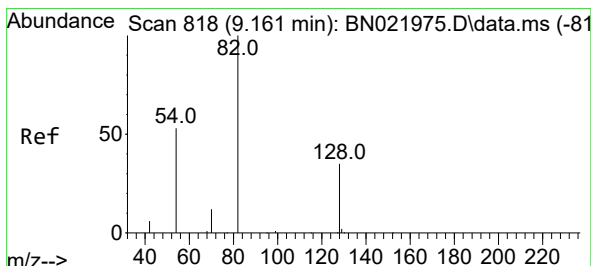
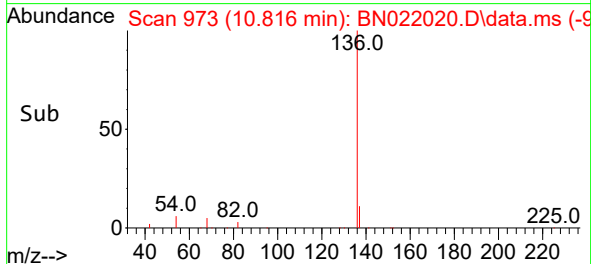
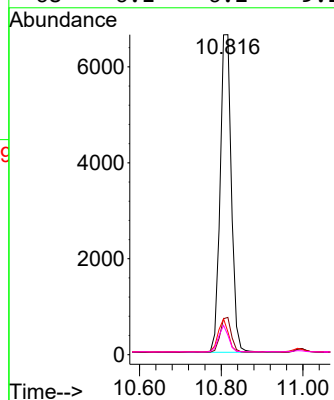
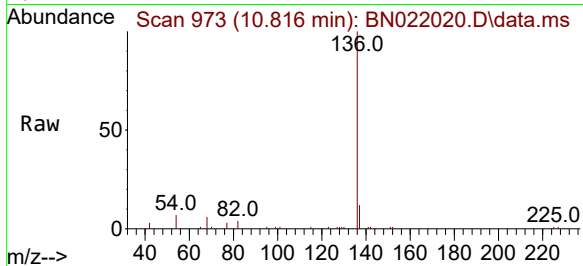




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

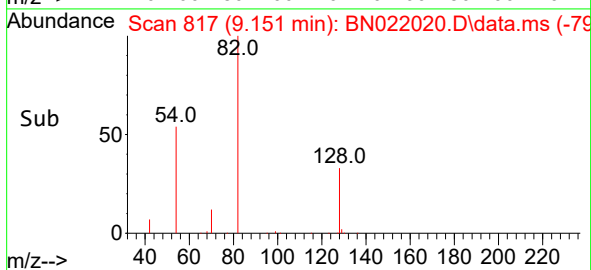
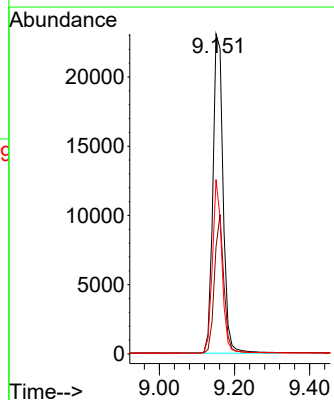
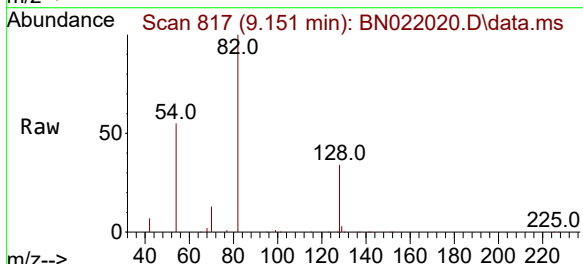
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

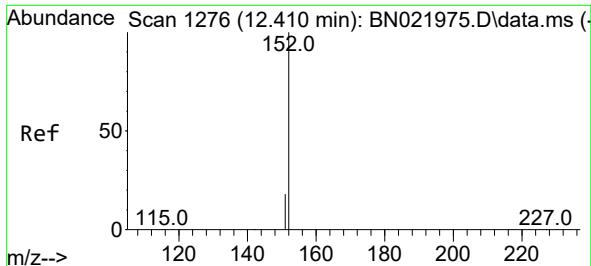
Tgt Ion:	136	Resp:	12660
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.2	7.1	10.7
68	6.1	6.2	9.2



#8
Nitrobenzene-d5
Concen: 4.285 ng
RT: 9.151 min Scan# 817
Delta R.T. -0.011 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Tgt Ion:	82	Resp:	43619
Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.9	44.9
54	54.5	43.5	65.3

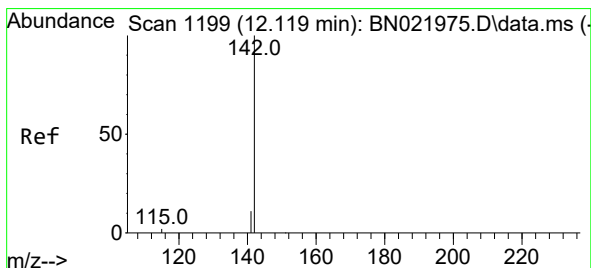
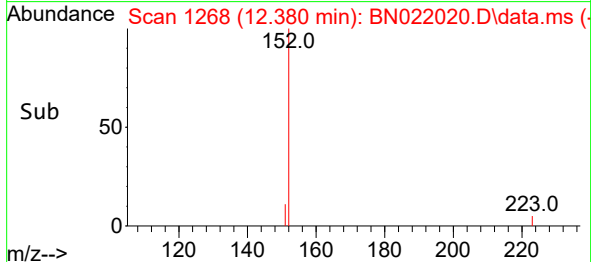
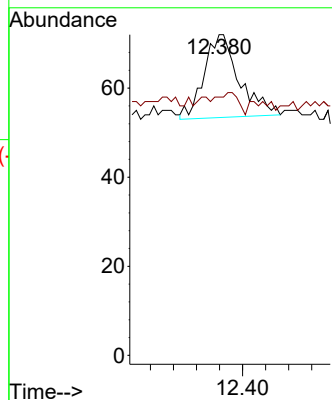
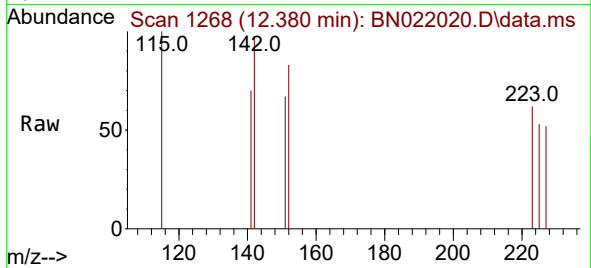




#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.380 min Scan# 1195
Delta R.T. -0.030 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

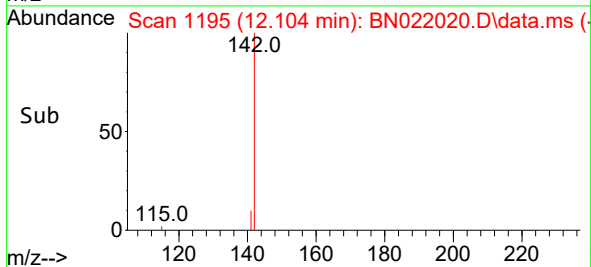
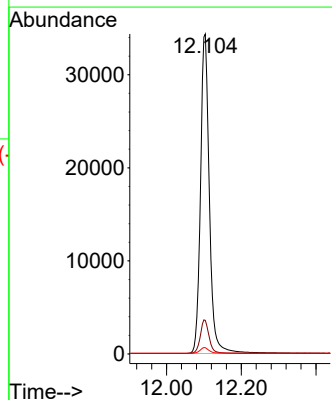
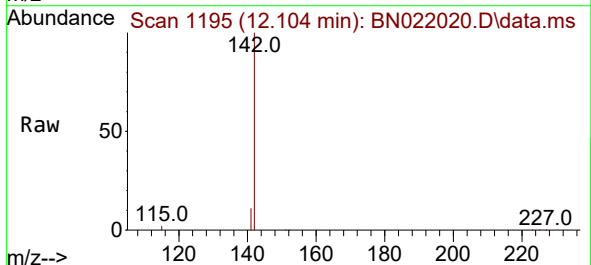
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

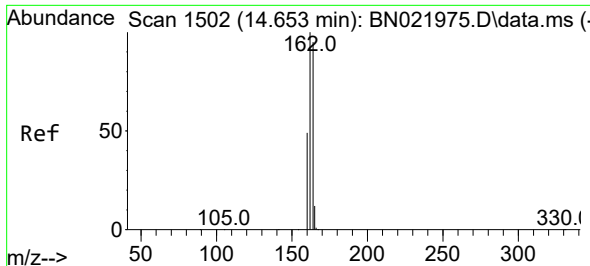
Tgt Ion:152 Resp: 39
Ion Ratio Lower Upper
152 100
151 2.6 13.8 20.6#



#12
2-Methylnaphthalene
Concen: 9.991 ng
RT: 12.104 min Scan# 1195
Delta R.T. -0.015 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Tgt Ion:142 Resp: 56610
Ion Ratio Lower Upper
142 100
141 10.5 13.6 20.4#
115 2.0 9.7 14.5#

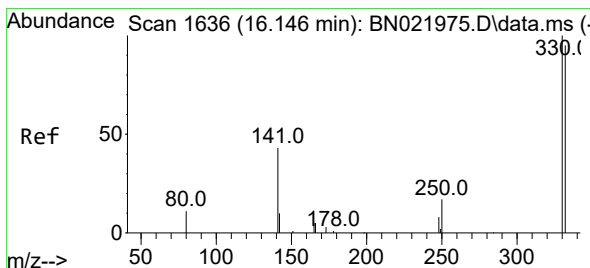
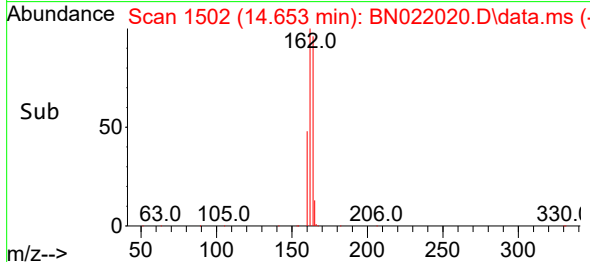
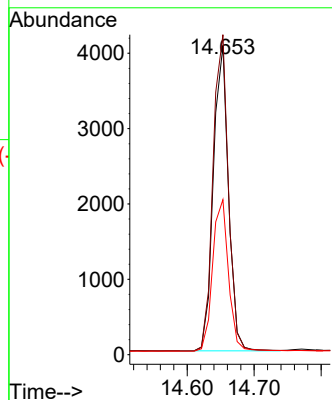
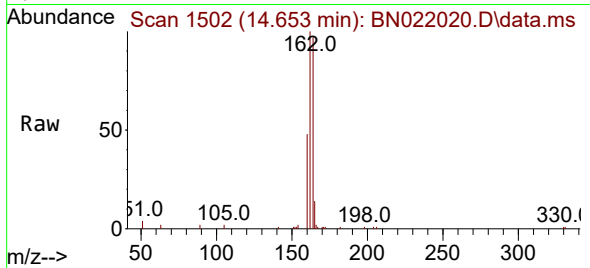




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

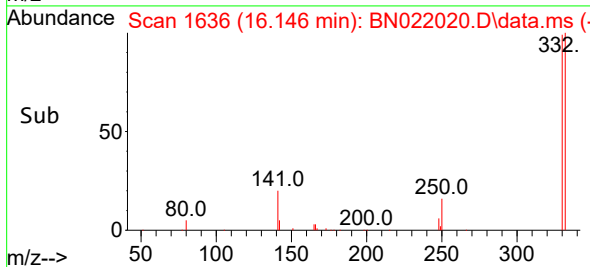
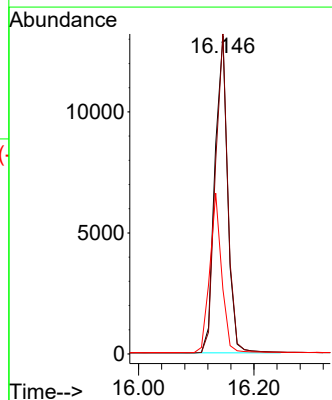
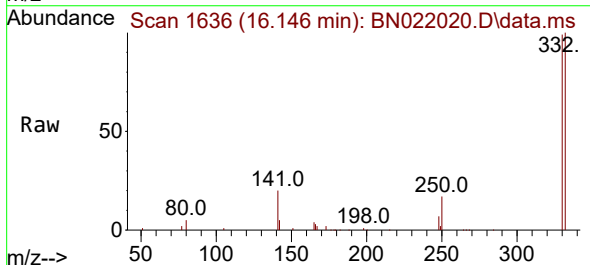
Instrument :
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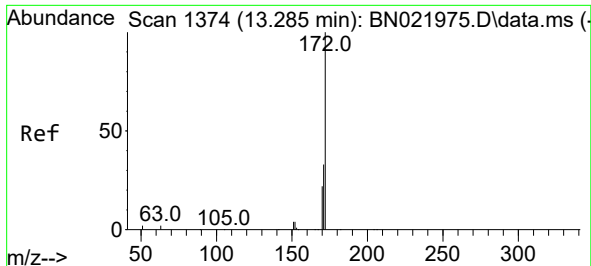
Tgt Ion:164 Resp: 6332
Ion Ratio Lower Upper
164 100
162 103.6 84.3 126.5
160 50.2 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 8.334 ng
RT: 16.146 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Tgt Ion:330 Resp: 20126
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 47.1 35.3 52.9

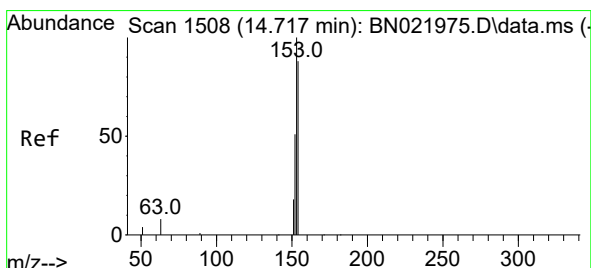
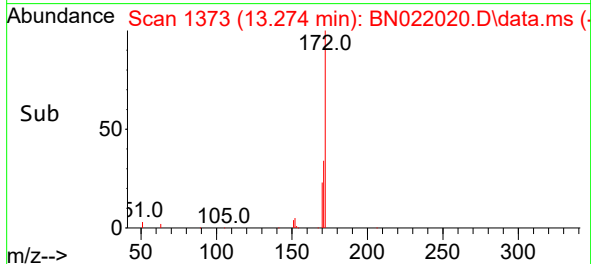
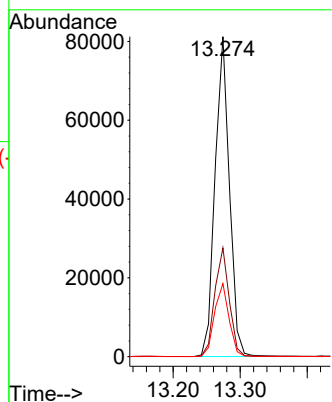
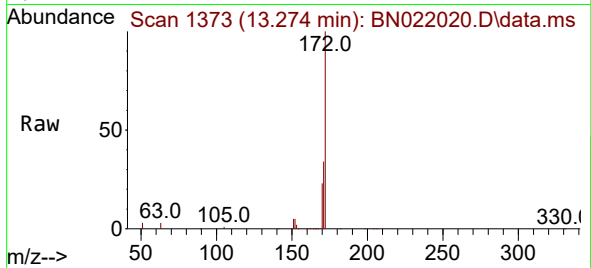




#15
2-Fluorobiphenyl
Concen: 4.357 ng
RT: 13.274 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

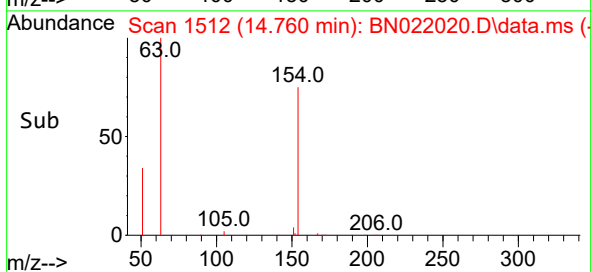
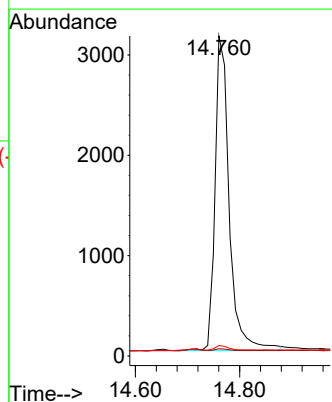
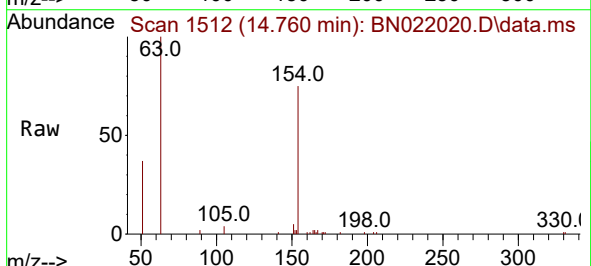
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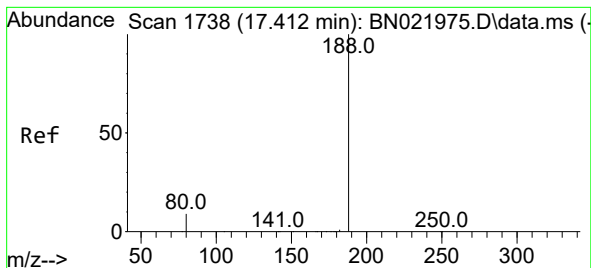
Tgt Ion:172 Resp: 120546
Ion Ratio Lower Upper
172 100
171 34.0 27.2 40.8
170 22.9 18.3 27.5



#17
Acenaphthene
Concen: 0.280 ng
RT: 14.760 min Scan# 1512
Delta R.T. 0.043 min
Lab File: BN022020.D
Acq: 06 Oct 2022 15:14

Tgt Ion:154 Resp: 5929
Ion Ratio Lower Upper
154 100
153 0.5 92.1 138.1#
152 1.5 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: BN022020.D

Acq: 06 Oct 2022 15:14

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

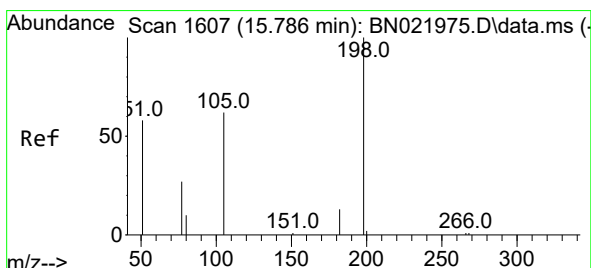
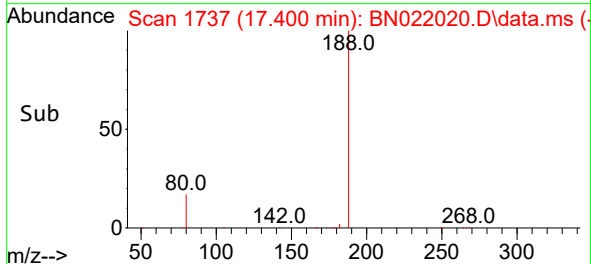
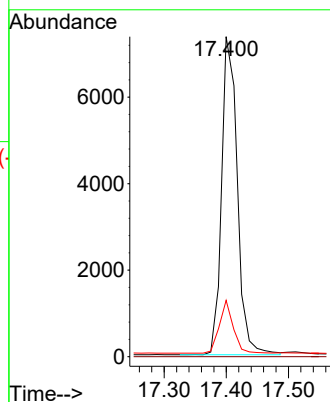
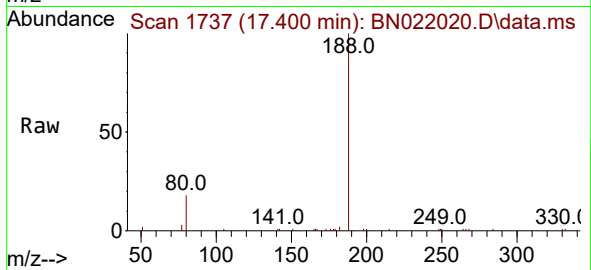
Tgt Ion:188 Resp: 12862

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.6 7.5 11.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 2.001 ng

RT: 15.774 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BN022020.D

Acq: 06 Oct 2022 15:14

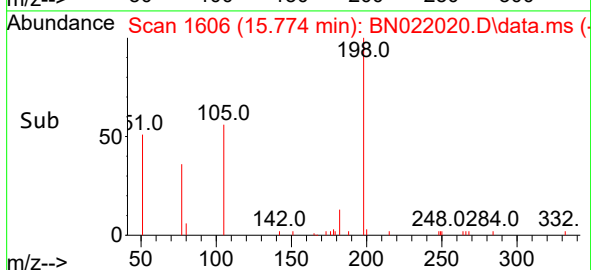
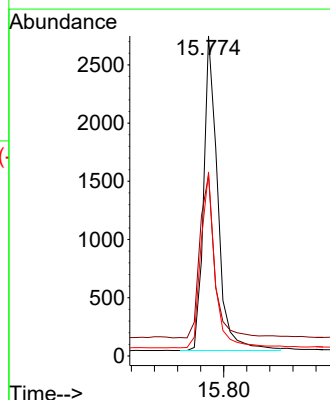
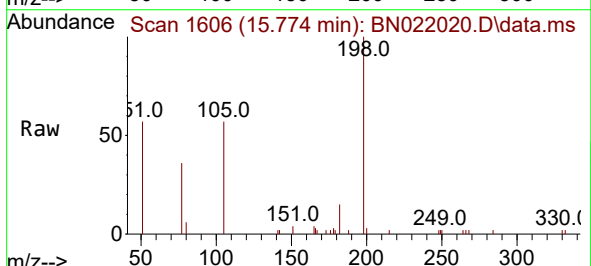
Tgt Ion:198 Resp: 4568

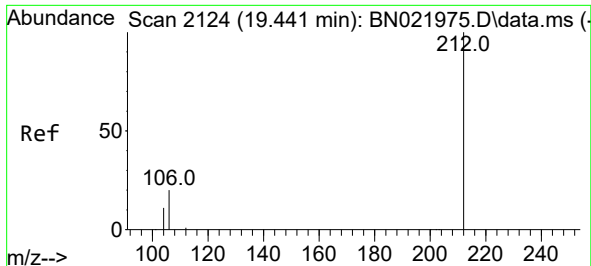
Ion Ratio Lower Upper

198 100

51 56.5 96.6 144.8#

105 57.4 64.4 96.6#





#27

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.445 min Scan# 2125

Delta R.T. 0.004 min

Lab File: BN022020.D

Acq: 06 Oct 2022 15:14

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

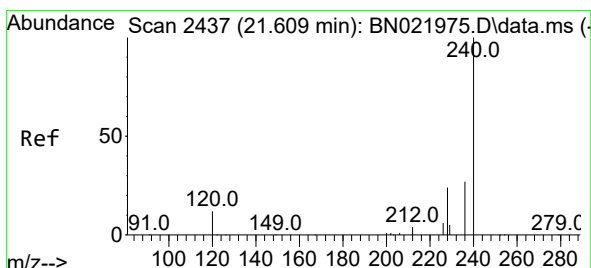
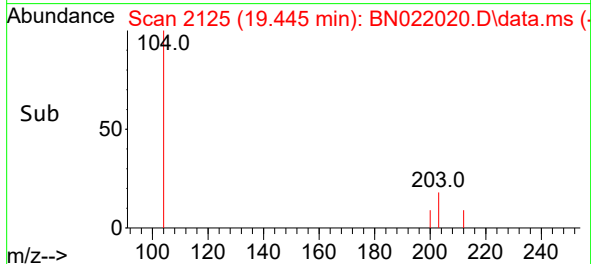
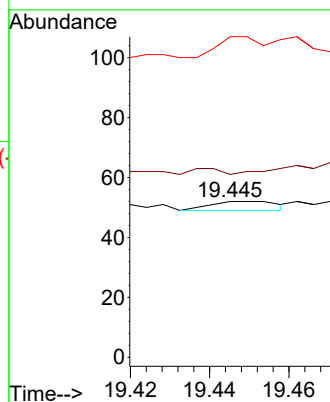
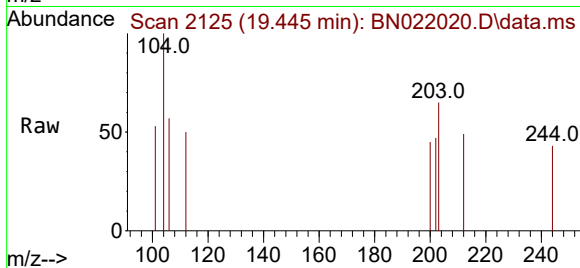
Tgt Ion:212 Resp: 4

Ion Ratio Lower Upper

212 100

106 25.0 15.2 22.8#

104 125.0 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: BN022020.D

Acq: 06 Oct 2022 15:14

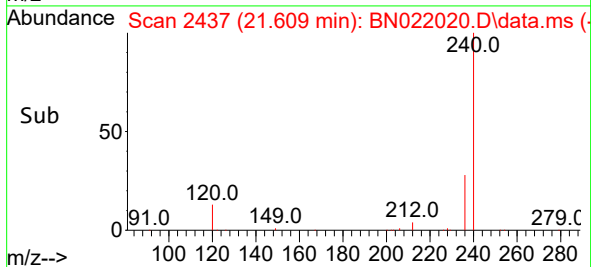
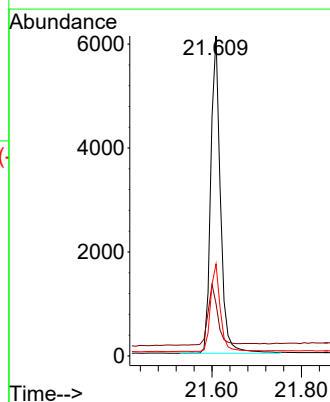
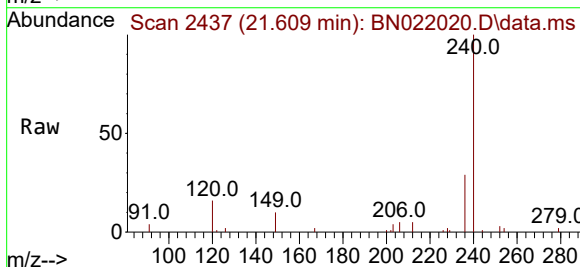
Tgt Ion:240 Resp: 9216

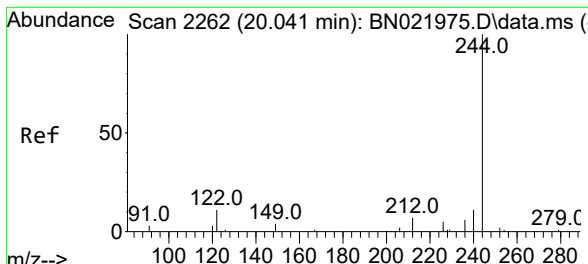
Ion Ratio Lower Upper

240 100

120 16.4 11.8 17.6

236 28.7 22.4 33.6



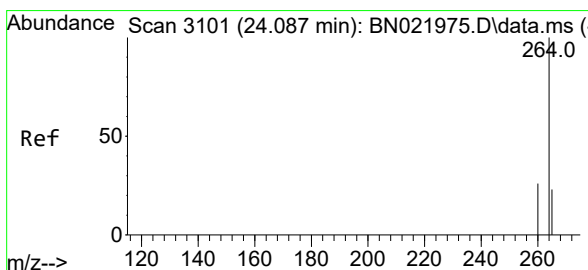
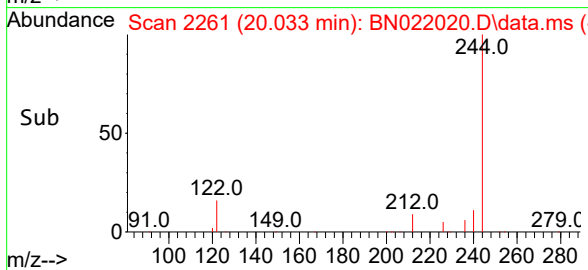
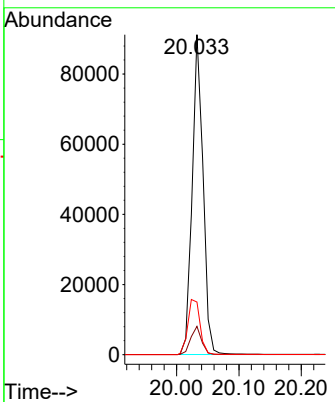
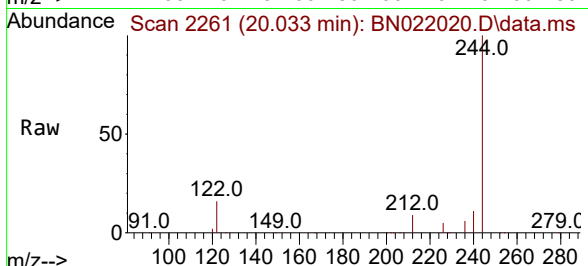


#31
 Terphenyl-d14
 Concen: 5.612 ng
 RT: 20.033 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN022020.D
 Acq: 06 Oct 2022 15:14

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:244 Resp: 103984

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	16.4	9.1	13.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.090 min Scan# 3102
 Delta R.T. 0.003 min
 Lab File: BN022020.D
 Acq: 06 Oct 2022 15:14

Tgt Ion:264 Resp: 6505

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.3	31.9
265	87.7	63.0	94.4

