

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030779.D
 Acq On : 08 Apr 2024 21:26
 Operator : MA/JU
 Sample : P2002-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424

Quant Time: Apr 09 04:26:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

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

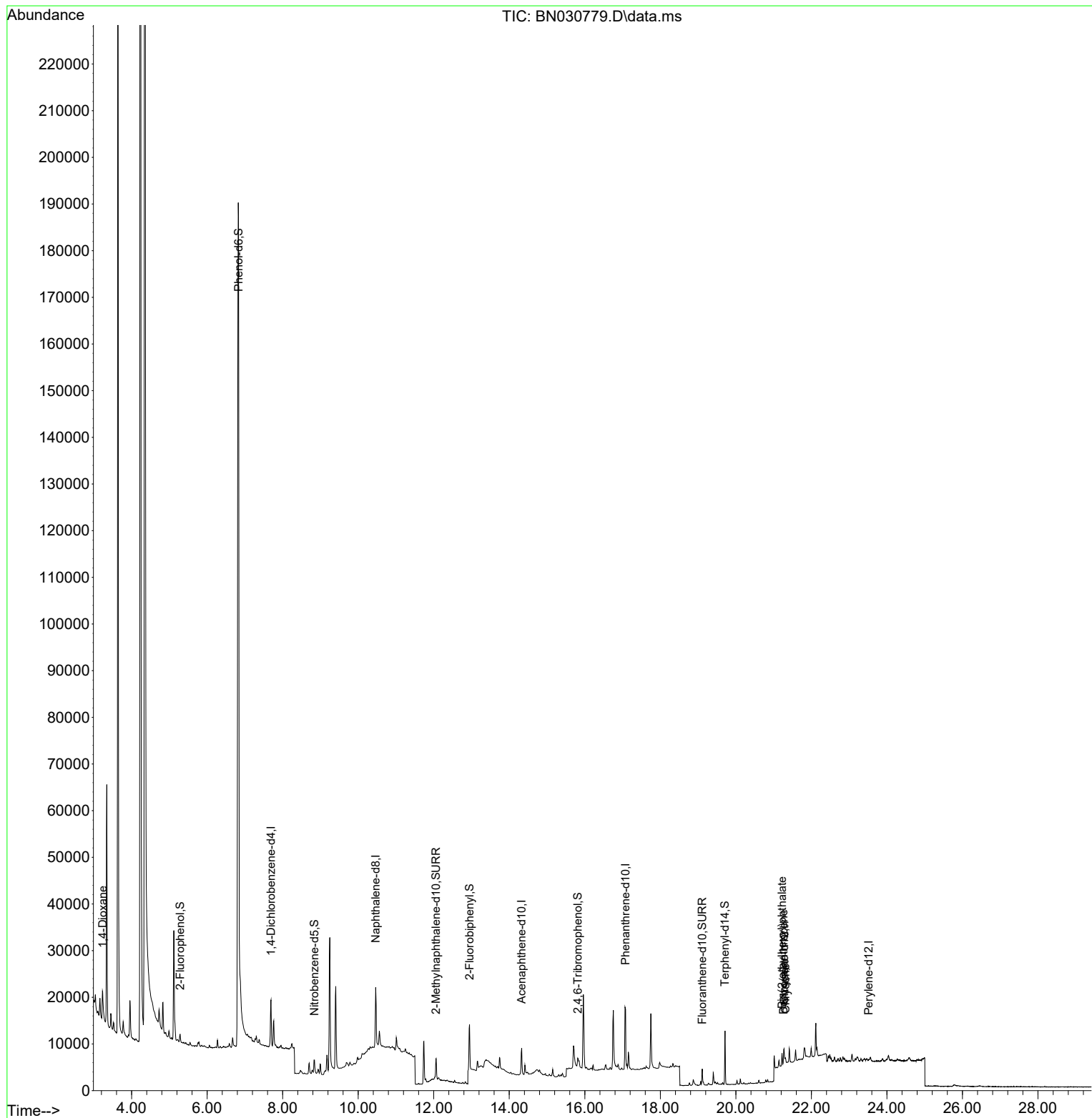
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	5303	0.400	ng	#-0.01
7) Naphthalene-d8	10.464	136	17112	0.400	ng	#-0.02
13) Acenaphthene-d10	14.327	164	2746	0.400	ng	#-0.01
19) Phenanthrene-d10	17.078	188	20833	0.400	ng	-0.01
29) Chrysene-d12	21.276	240	4425	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	283	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.285	112	1733	0.150	ng	-0.01
5) Phenol-d6	6.830	99	4715	0.318	ng	-0.04
8) Nitrobenzene-d5	8.841	82	2636	0.219	ng	-0.01
11) 2-Methylnaphthalene-d10	12.058	152	5680	0.217	ng	-0.02
14) 2,4,6-Tribromophenol	15.812	330	1107	1.067	ng	-0.02
15) 2-Fluorobiphenyl	12.948	172	8829	0.832	ng	-0.02
27) Fluoranthene-d10	19.108	212	3769	0.067	ng	-0.02
31) Terphenyl-d14	19.711	244	10614	1.038	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.233	88	6937	1.084	ng	# 93
32) Benzo(a)anthracene	21.258	228	446	0.028	ng	# 53
33) Chrysene	21.312	228	722	0.043	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.222	149	1506	0.222	ng	# 66

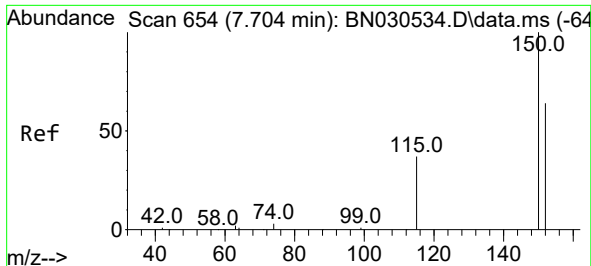
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

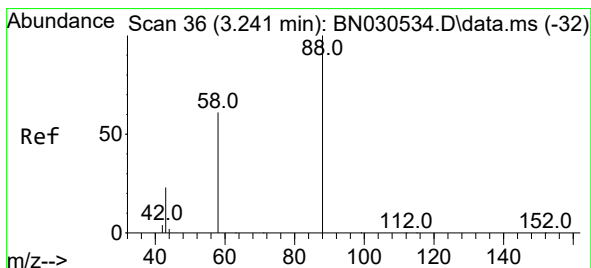
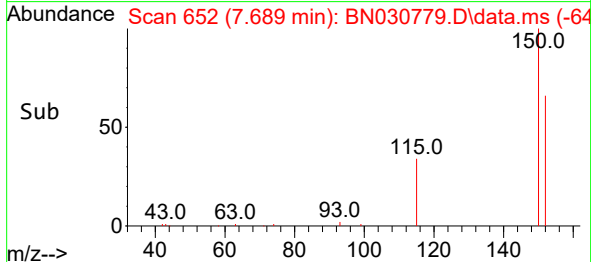
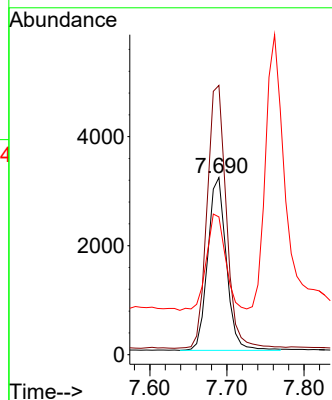
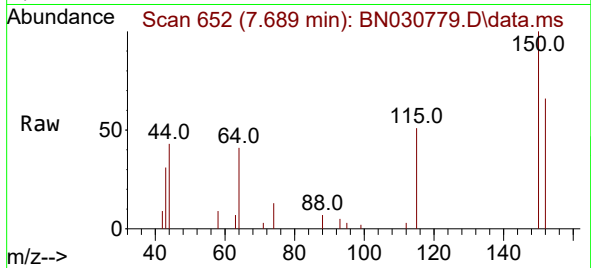




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

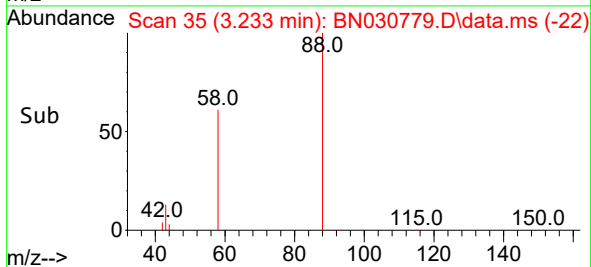
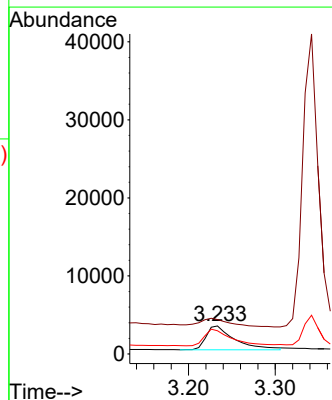
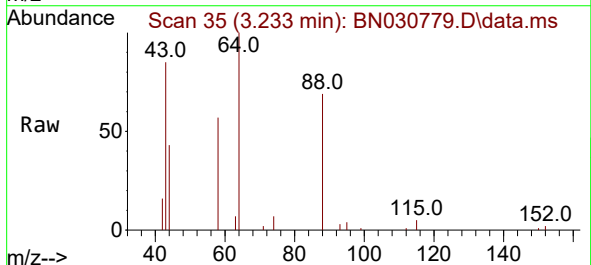
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

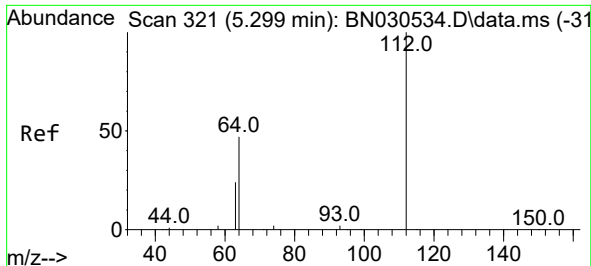
Tgt Ion:152 Resp: 5303
Ion Ratio Lower Upper
152 100
150 152.0 124.2 186.4
115 77.7 48.6 72.8#



#2
1,4-Dioxane
Concen: 1.084 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion: 88 Resp: 6937
Ion Ratio Lower Upper
88 100
43 38.1 21.9 32.9#
58 66.0 53.4 80.2

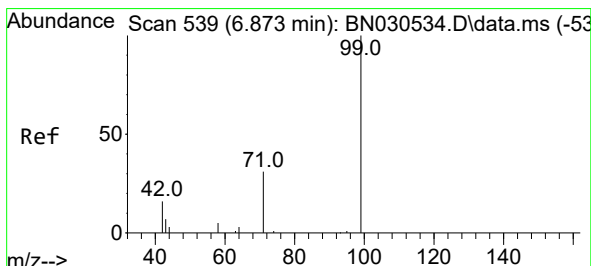
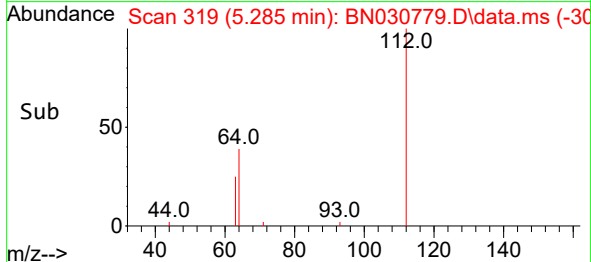
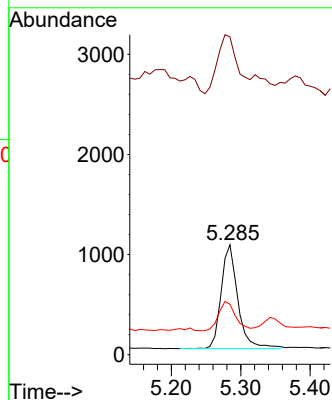
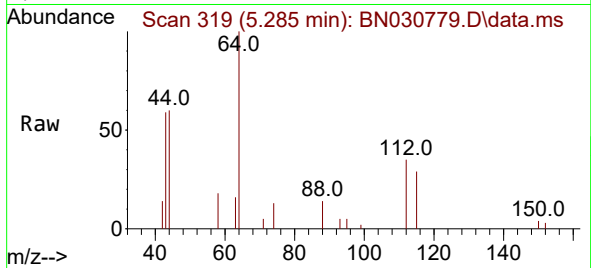




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.285 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

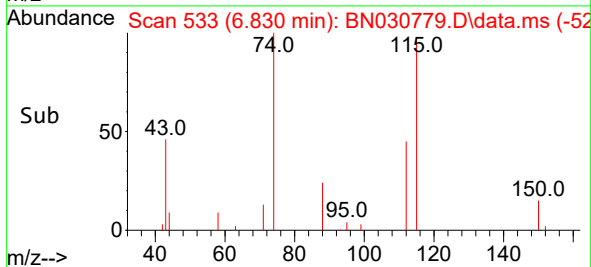
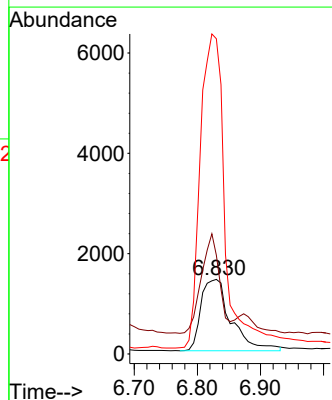
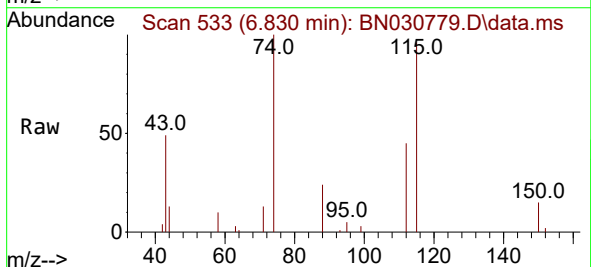
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

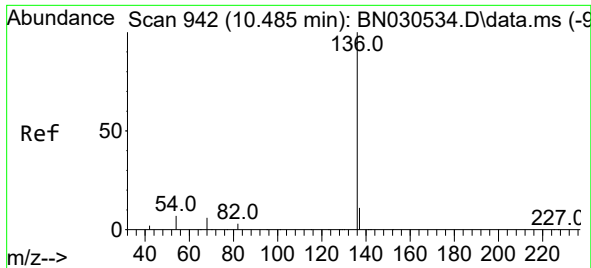
Tgt Ion:112 Resp: 1733
Ion Ratio Lower Upper
112 100
64 69.1 43.2 64.8#
63 28.7 22.5 33.7



#5
Phenol-d6
Concen: 0.318 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.043 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion: 99 Resp: 4715
Ion Ratio Lower Upper
99 100
42 83.9 15.8 23.6#
71 361.7 25.9 38.9#

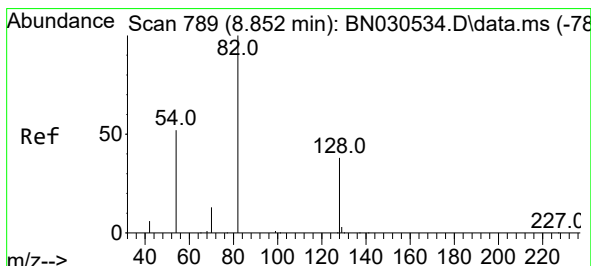
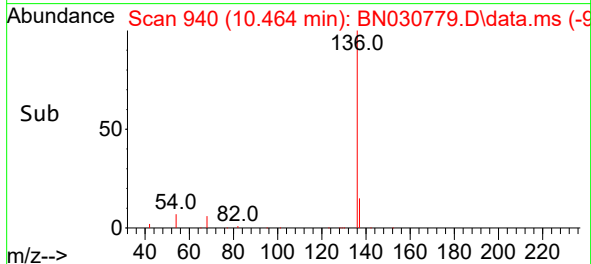
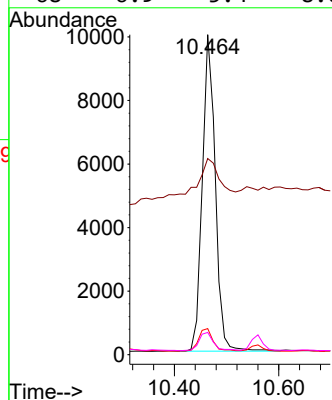
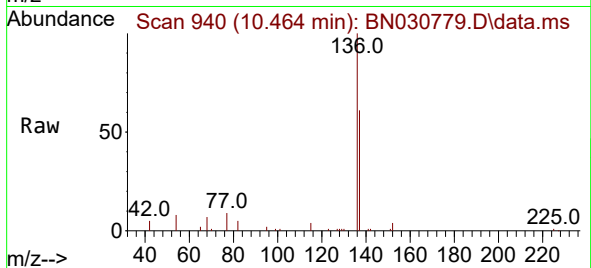




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

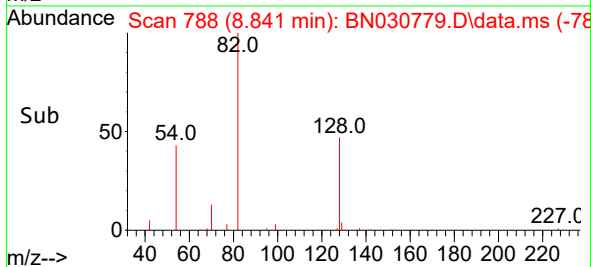
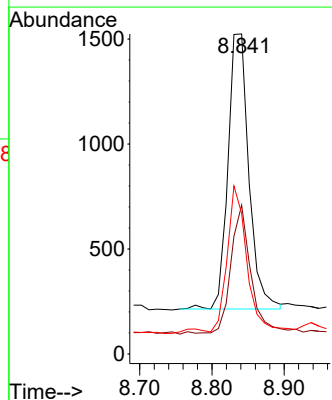
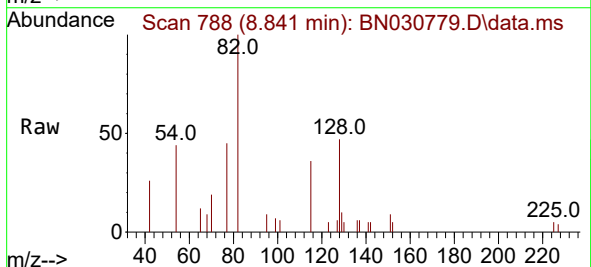
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

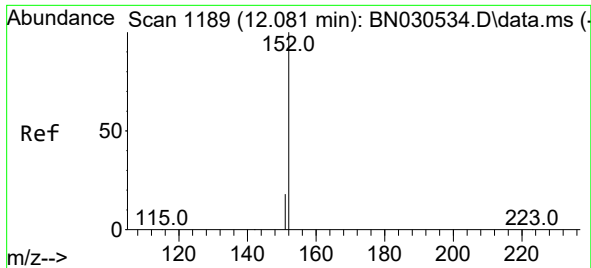
Tgt Ion:136 Resp: 17112
Ion Ratio Lower Upper
136 100
137 61.3 9.1 13.7#
54 8.2 6.4 9.6
68 6.9 5.4 8.0



#8
Nitrobenzene-d5
Concen: 0.219 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion: 82 Resp: 2636
Ion Ratio Lower Upper
82 100
128 46.5 32.3 48.5
54 43.9 42.7 64.1

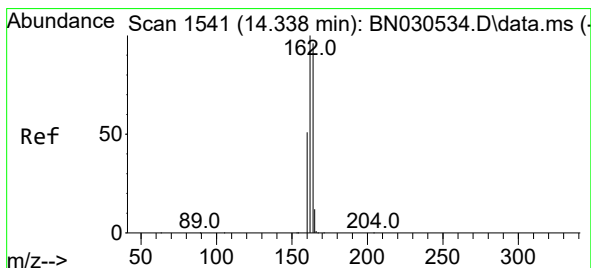
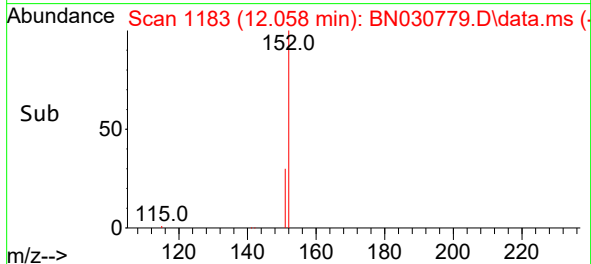
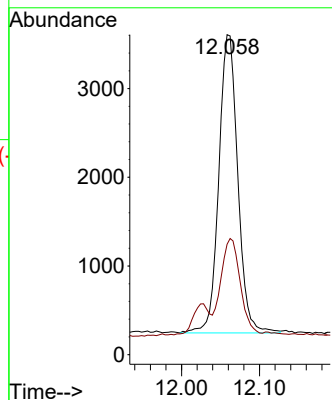
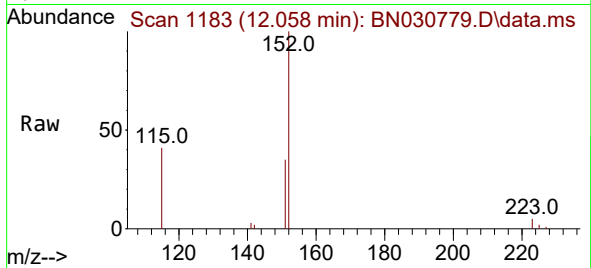




#11
2-Methylnaphthalene-d10
Concen: 0.217 ng
RT: 12.058 min Scan# 1189
Delta R.T. -0.023 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

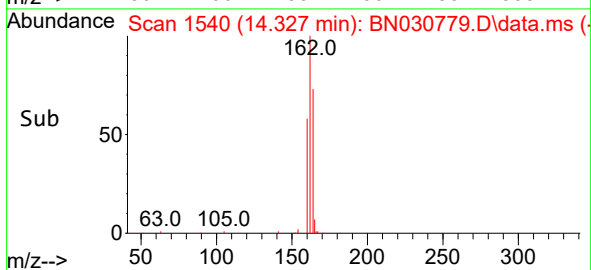
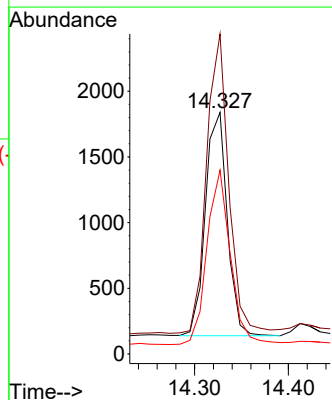
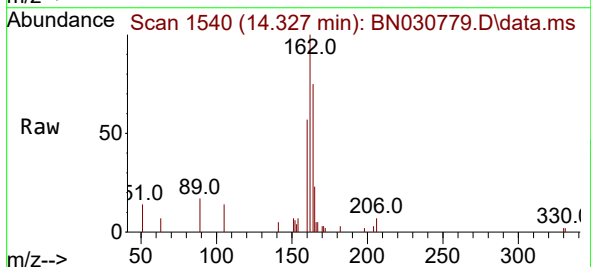
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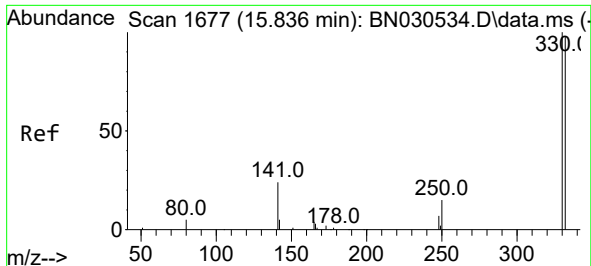
Tgt Ion:152 Resp: 5680
Ion Ratio Lower Upper
152 100
151 32.0 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:164 Resp: 2746
Ion Ratio Lower Upper
164 100
162 132.5 83.5 125.3#
160 76.1 42.5 63.7#

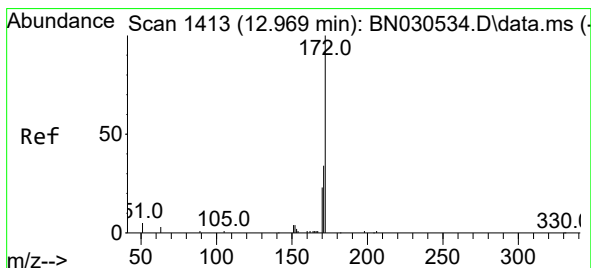
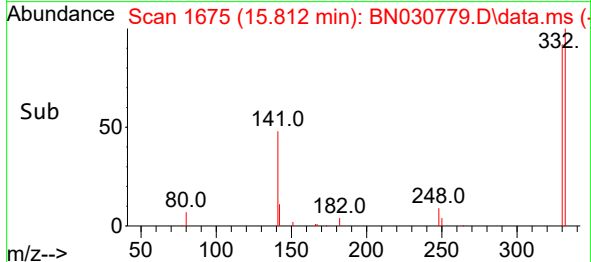
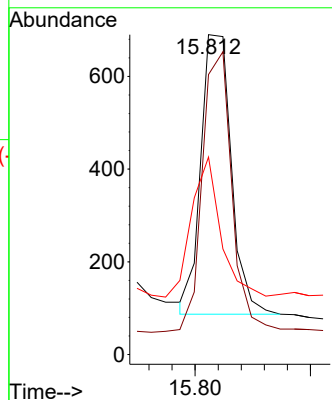
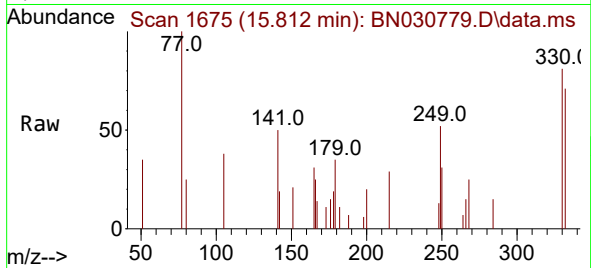




#14
2,4,6-Tribromophenol
Concen: 1.067 ng
RT: 15.812 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

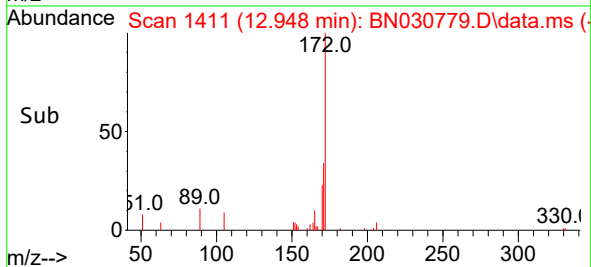
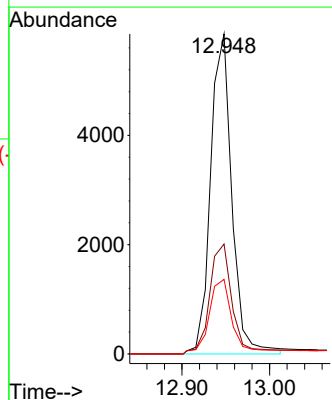
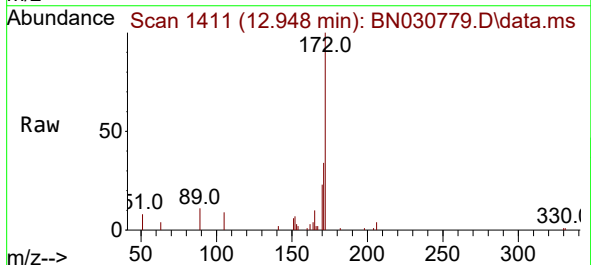
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ClientSampleId :
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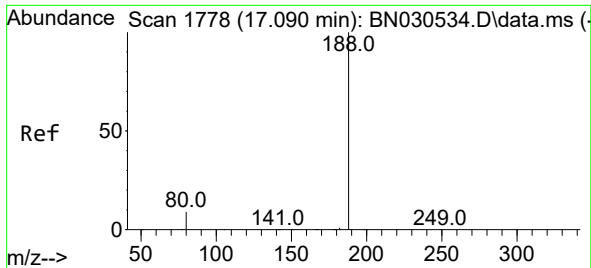
Tgt Ion:330 Resp: 1107
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 47.8 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.832 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:172 Resp: 8829
Ion Ratio Lower Upper
172 100
171 34.4 27.1 40.7
170 23.3 18.3 27.5

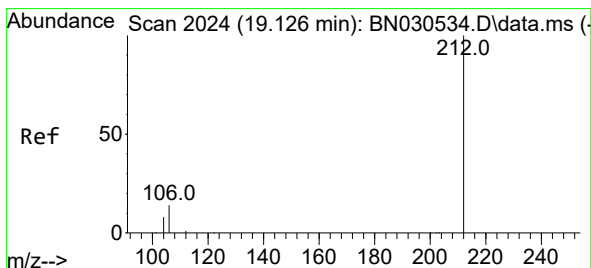
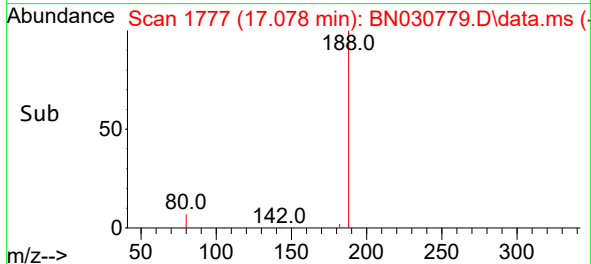
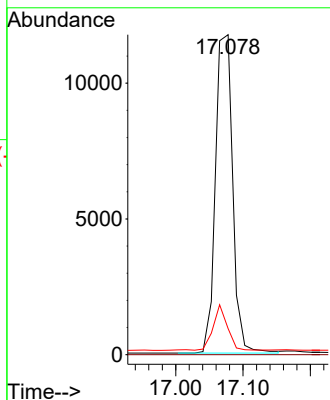
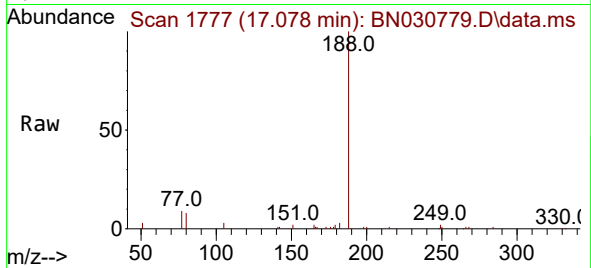




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

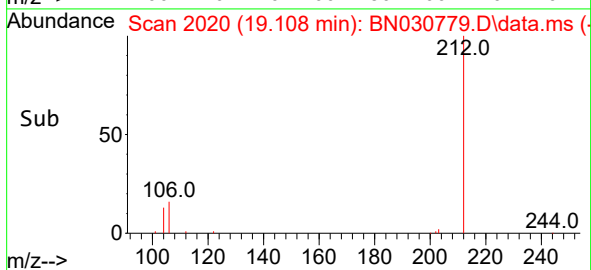
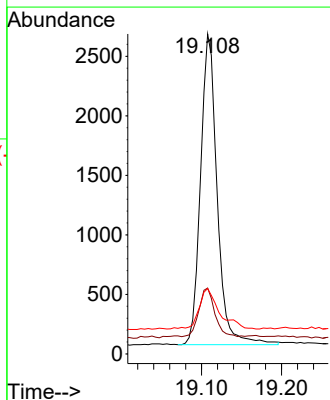
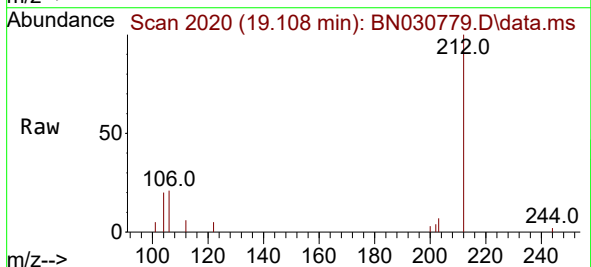
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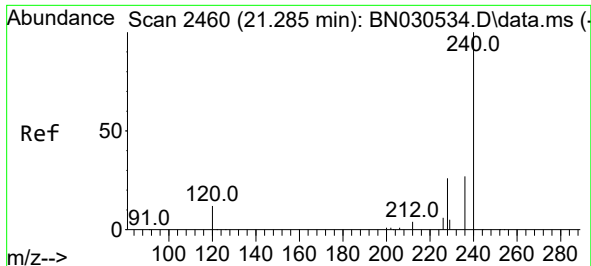
Tgt Ion:188 Resp: 20833
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.067 ng
RT: 19.108 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:212 Resp: 3769
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 15.7 6.6 9.8#

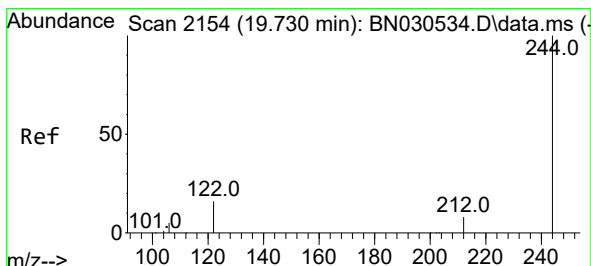
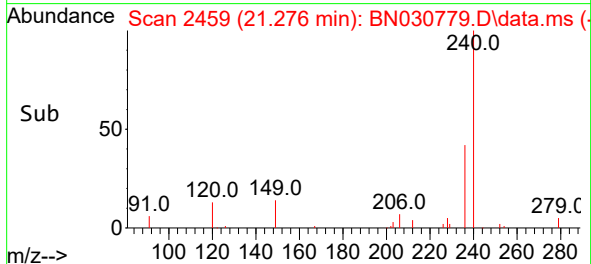
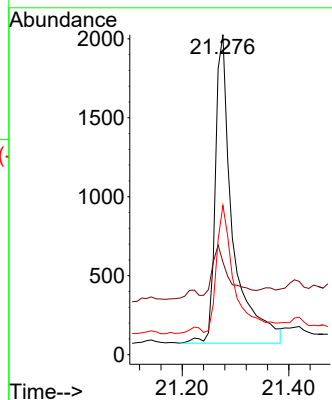
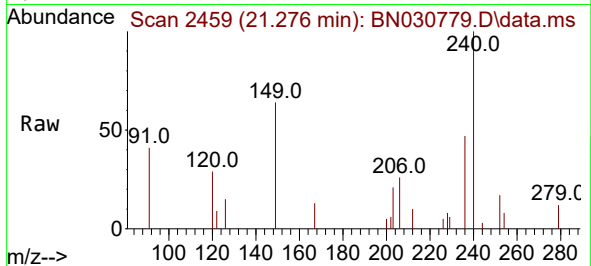




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

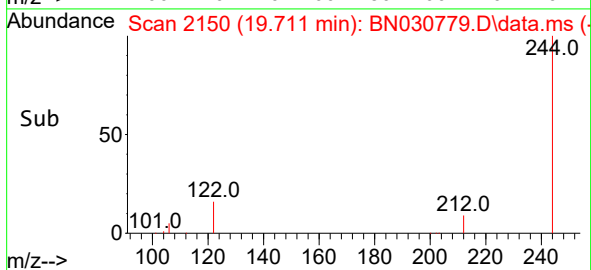
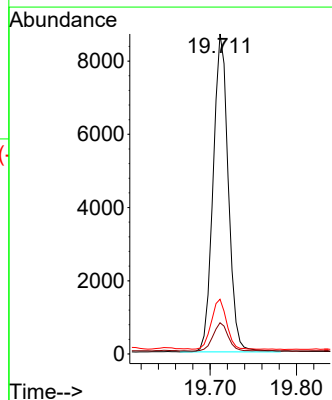
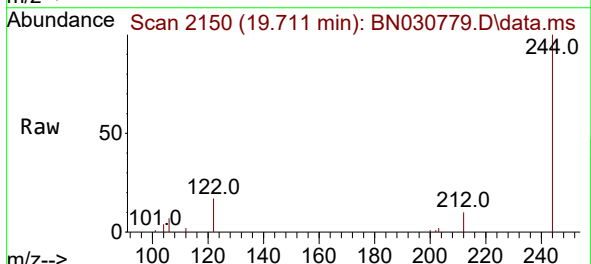
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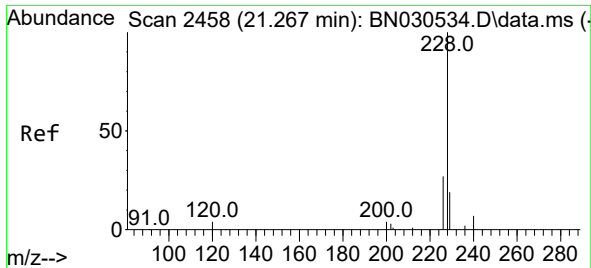
Tgt Ion:240 Resp: 4425
Ion Ratio Lower Upper
240 100
120 28.9 10.6 15.8#
236 46.6 22.1 33.1#



#31
Terphenyl-d14
Concen: 1.038 ng
RT: 19.711 min Scan# 2150
Delta R.T. -0.018 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:244 Resp: 10614
Ion Ratio Lower Upper
244 100
212 9.7 6.9 10.3
122 17.1 12.7 19.1

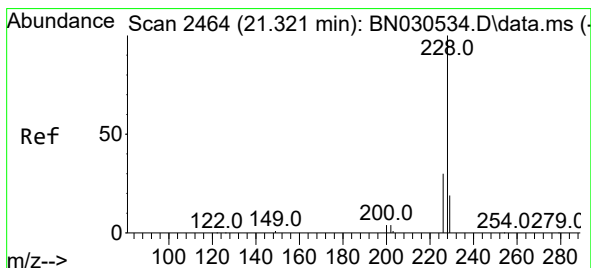
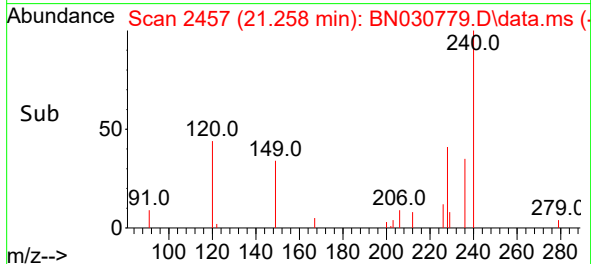
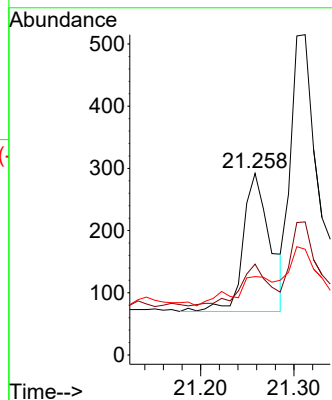
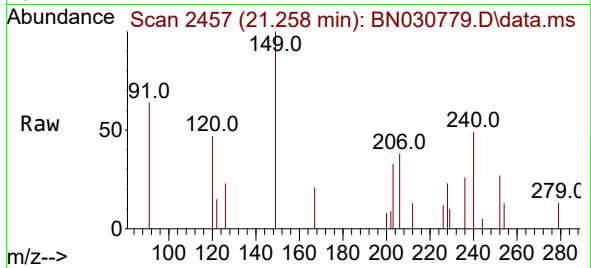




#32
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.258 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

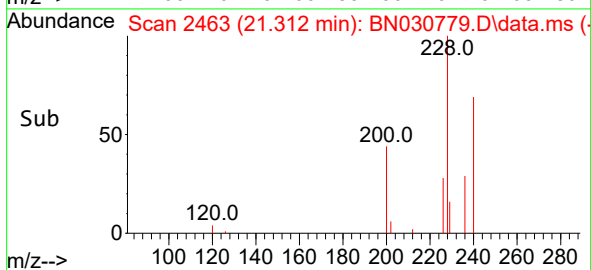
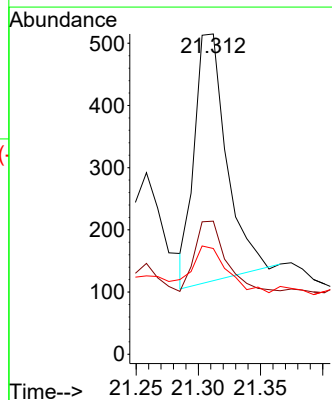
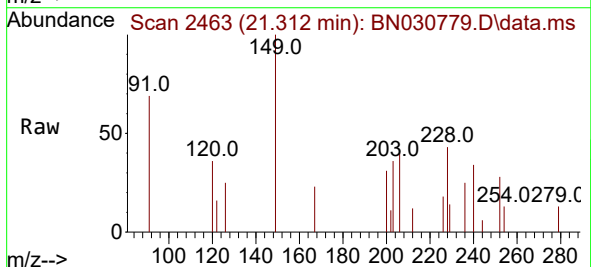
Instrument :
BNA_N
ClientSampleId :
RMW-06B-44-040424

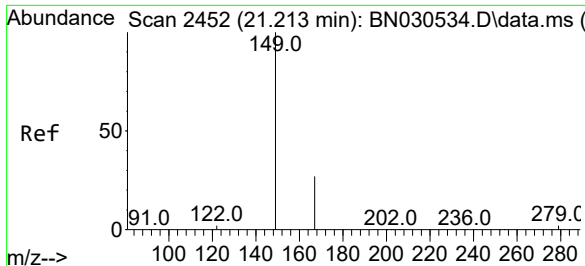
Tgt Ion:228 Resp: 446
Ion Ratio Lower Upper
228 100
226 50.0 21.8 32.8#
229 43.2 15.4 23.2#



#33
Chrysene
Concen: 0.043 ng
RT: 21.312 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BN030779.D
Acq: 08 Apr 2024 21:26

Tgt Ion:228 Resp: 722
Ion Ratio Lower Upper
228 100
226 41.6 24.3 36.5#
229 33.0 15.8 23.6#

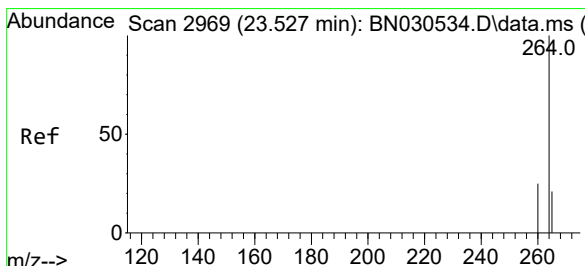
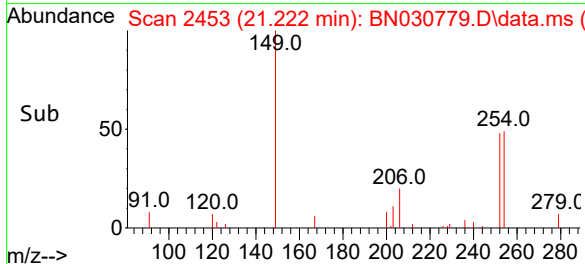
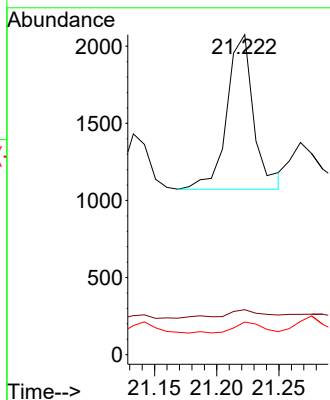
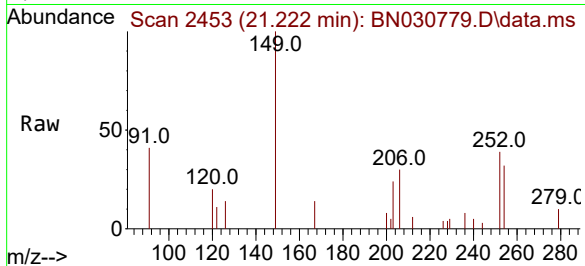




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.222 ng
 RT: 21.222 min Scan# 2453
 Delta R.T. 0.009 min
 Lab File: BN030779.D
 Acq: 08 Apr 2024 21:26

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-44-040424

Tgt Ion:149 Resp: 1506
 Ion Ratio Lower Upper
 149 100
 167 7.8 21.4 32.0#
 279 7.7 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2964
 Delta R.T. -0.015 min
 Lab File: BN030779.D
 Acq: 08 Apr 2024 21:26

Tgt Ion:264 Resp: 283
 Ion Ratio Lower Upper
 264 100
 260 86.3 20.6 30.8#
 265 1731.1 41.8 62.8#

