

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030078.D
 Acq On : 27 Feb 2024 04:26
 Operator : MA/JU
 Sample : P1578-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20240222

Quant Time: Feb 27 04:53:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

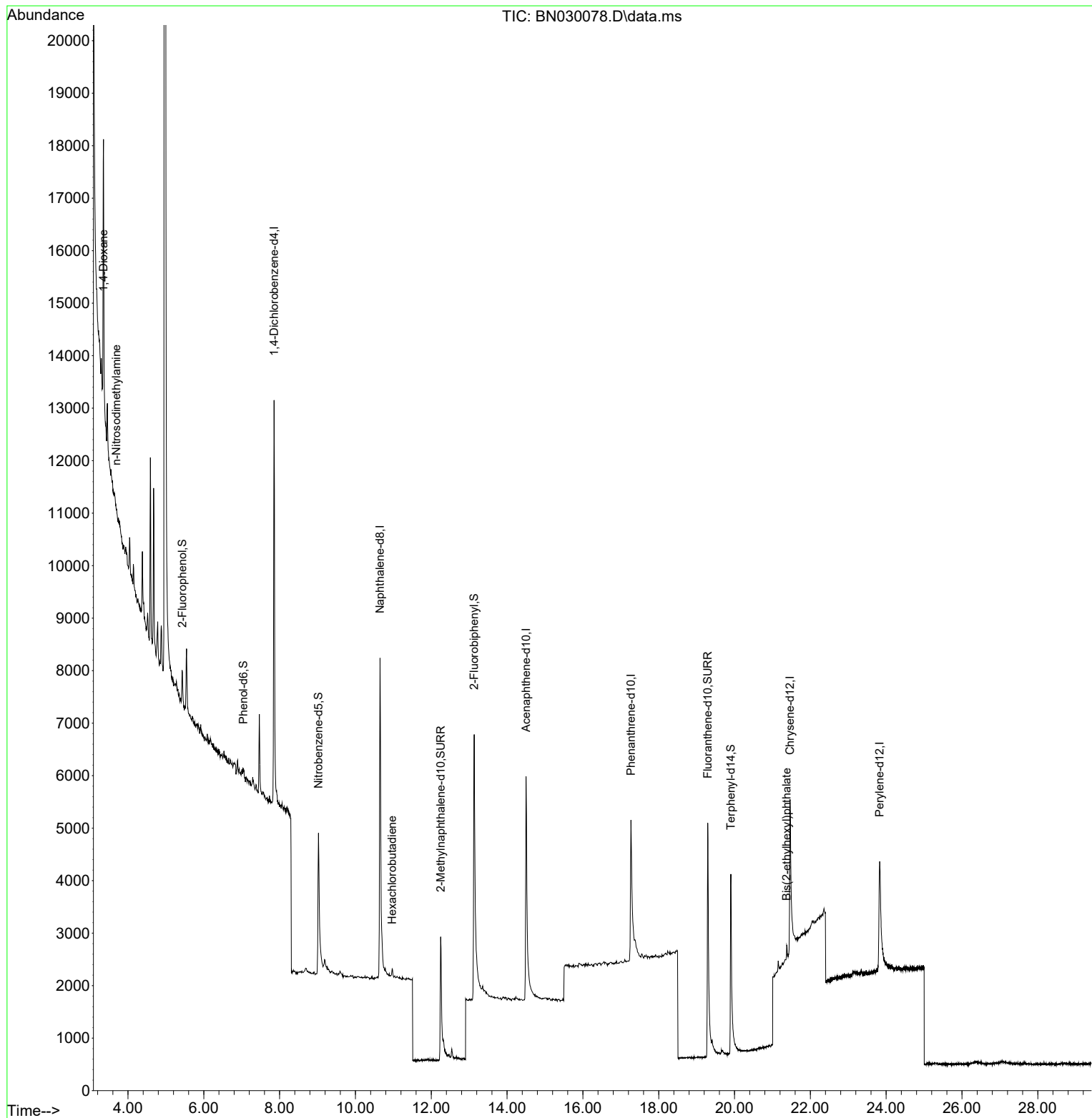
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4214	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10574	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4268	0.400	ng	0.01
19) Phenanthrene-d10	17.268	188	7968	0.400	ng	# 0.01
29) Chrysene-d12	21.465	240	5732	0.400	ng	0.00
35) Perylene-d12	23.829	264	5753	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	546	0.054	ng	0.00
5) Phenol-d6	7.045	99	317	0.027	ng	0.02
8) Nitrobenzene-d5	9.025	82	3678	0.418	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	5492	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	3	0.002	ng	0.05
15) 2-Fluorobiphenyl	13.132	172	7626	0.416	ng	0.01
27) Fluoranthene-d10	19.294	212	8843	0.458	ng	0.00
31) Terphenyl-d14	19.903	244	6428	0.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	3066	0.517	ng	# 75
3) n-Nitrosodimethylamine	3.694	42	122	0.025	ng	# 1
10) Hexachlorobutadiene	10.968	225	118	0.021	ng	# 98
34) Bis(2-ethylhexyl)phtha...	21.376	149	493	0.037	ng	# 90

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

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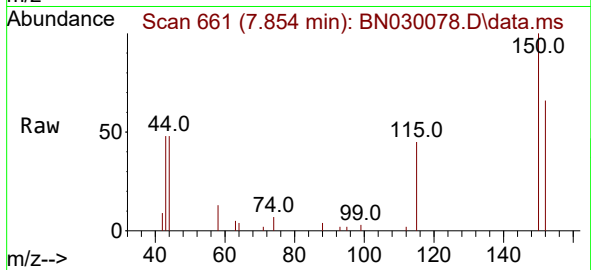
Quant Time: Feb 27 04:53:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration





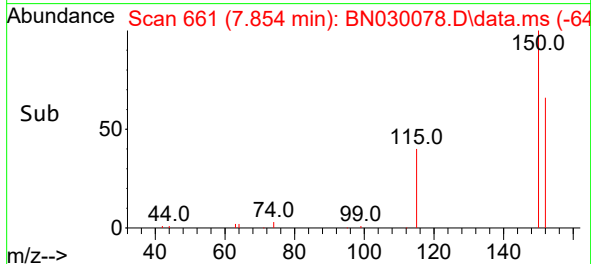
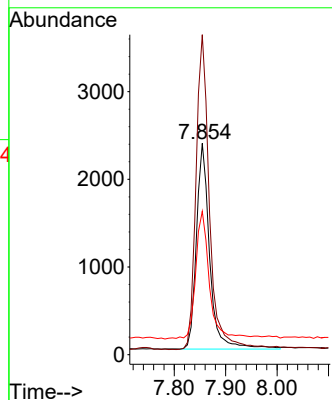
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN030078.D
 Acq: 27 Feb 2024 04:26

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20240222



Tgt Ion:152 Resp: 4214

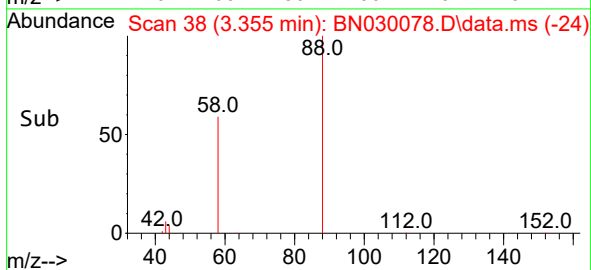
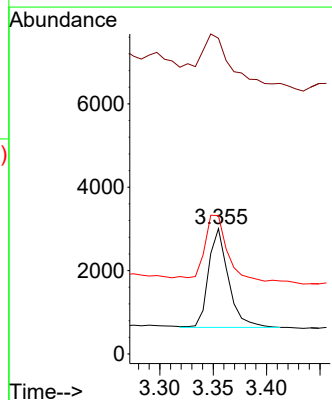
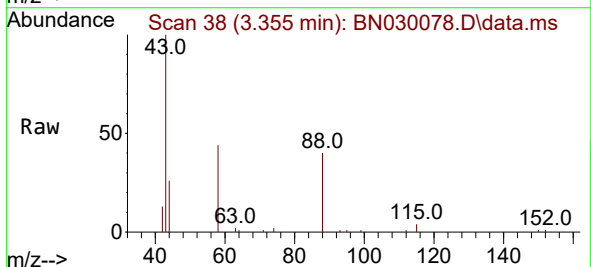
Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.0	184.4
115	67.8	51.4	77.0

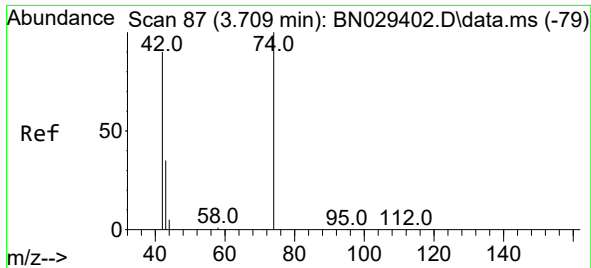


#2
 1,4-Dioxane
 Concen: 0.517 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030078.D
 Acq: 27 Feb 2024 04:26

Tgt Ion: 88 Resp: 3066

Ion	Ratio	Lower	Upper
88	100		
43	62.6	23.3	34.9
58	74.2	53.8	80.6

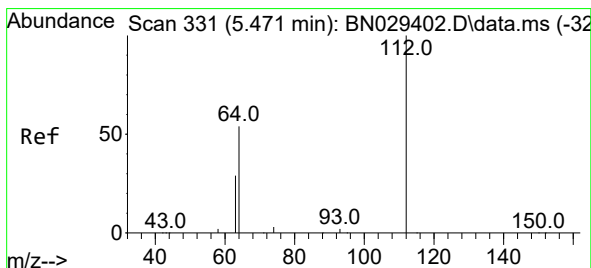
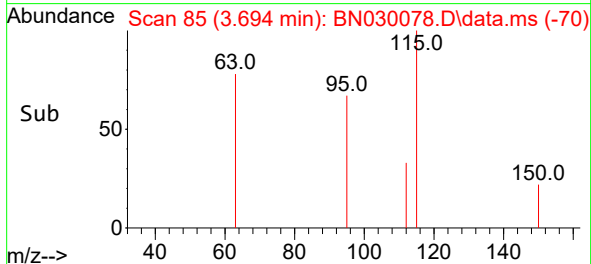
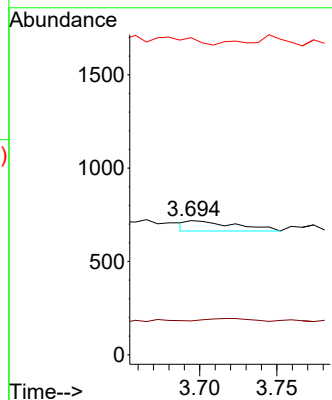
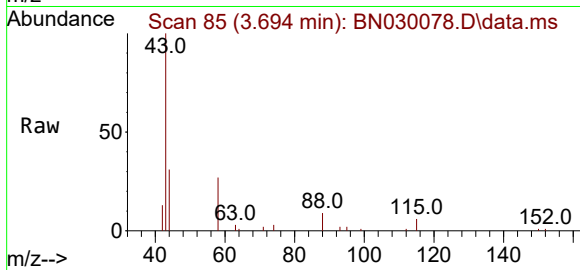




#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.694 min Scan# 81
Delta R.T. 0.007 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

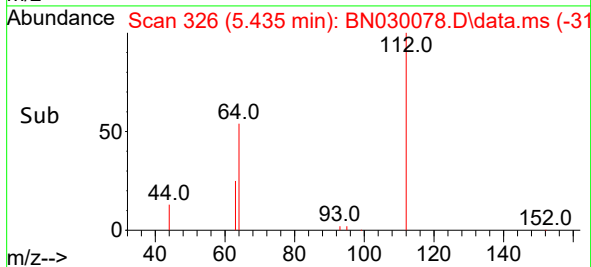
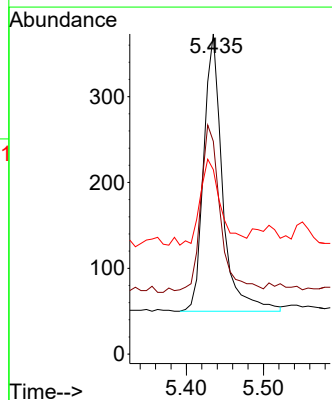
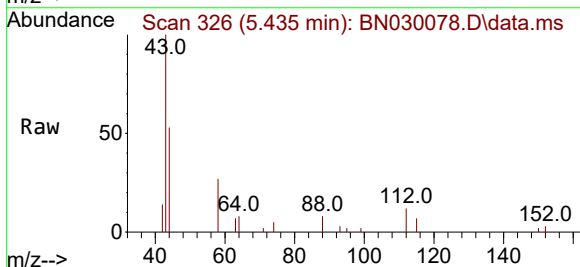
Instrument :
BNA_N
ClientSampleId :
TT14911-20240222

Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 0.0 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

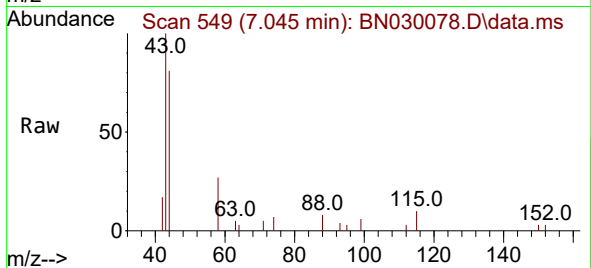
Tgt Ion: 112 Resp: 546
Ion Ratio Lower Upper
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64 64.1 47.2 70.8
63 33.5 25.8 38.6



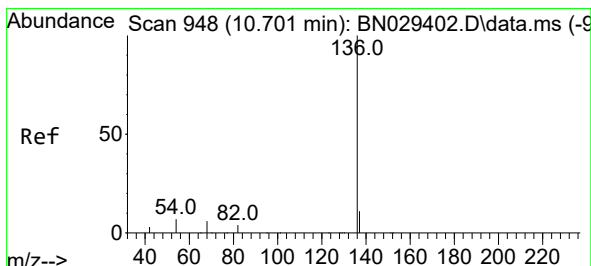
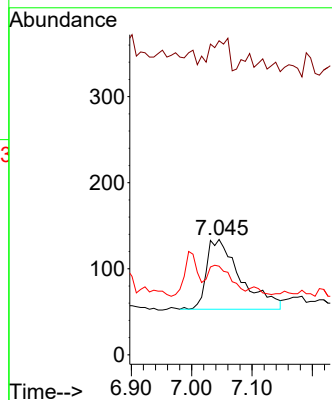
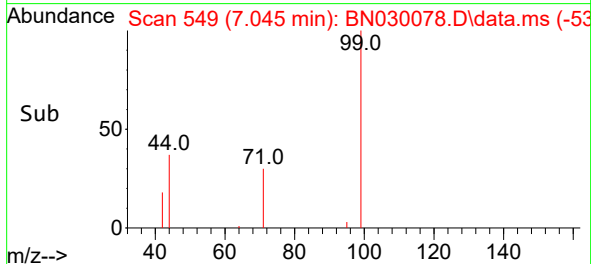


#5
Phenol-d6
Concen: 0.027 ng
RT: 7.045 min Scan# 54
Delta R.T. 0.022 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

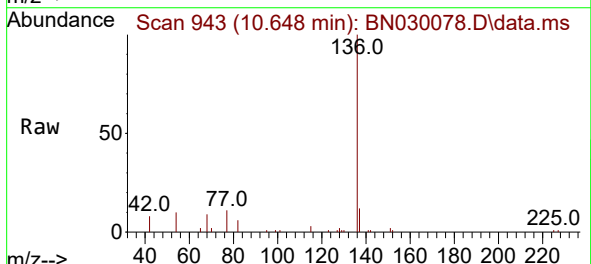
Instrument :
BNA_N
ClientSampleId :
TT14911-20240222



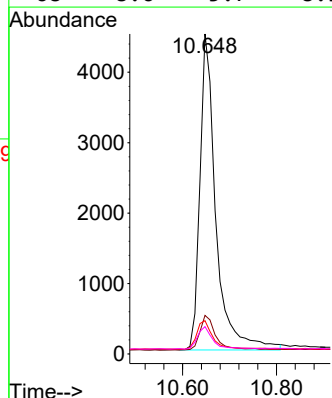
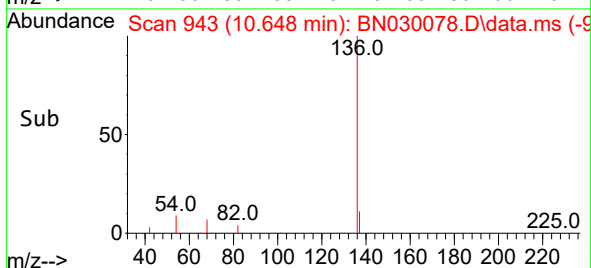
Tgt Ion: 99 Resp: 317
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 30.0 30.0 45.0#

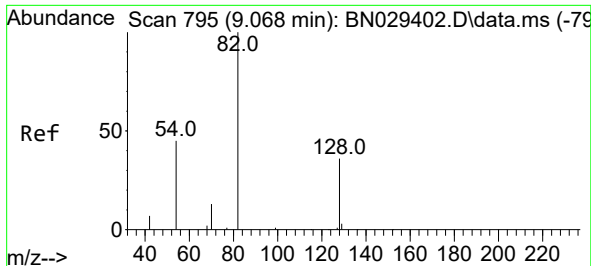


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26



Tgt Ion: 136 Resp: 10574
Ion Ratio Lower Upper
136 100
137 12.1 9.7 14.5
54 10.4 6.6 10.0#
68 8.6 5.7 8.5#

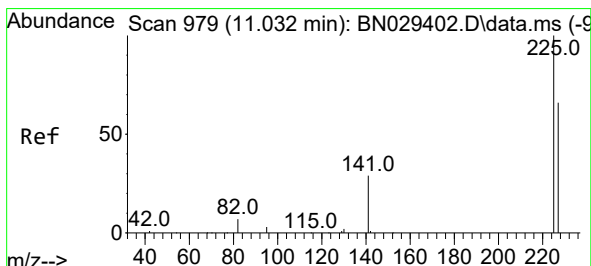
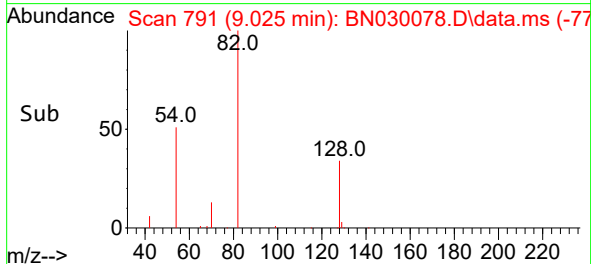
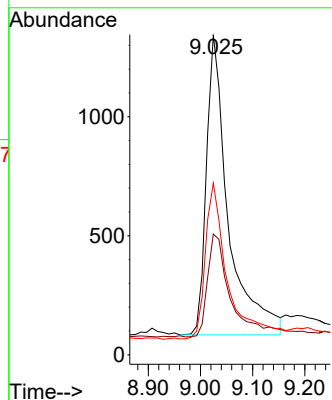
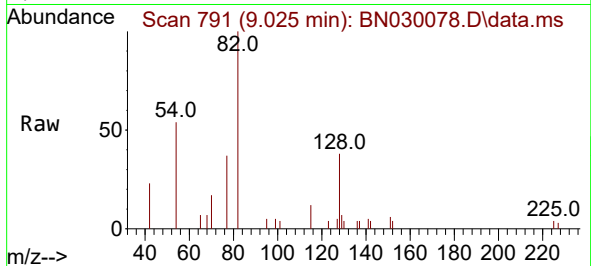




#8
Nitrobenzene-d5
Concen: 0.418 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

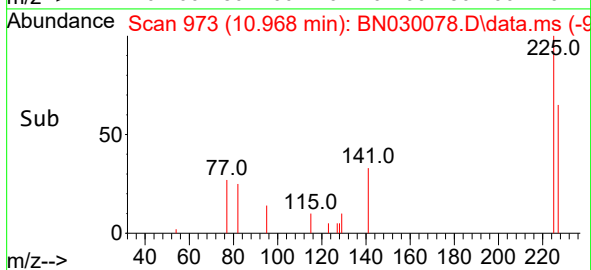
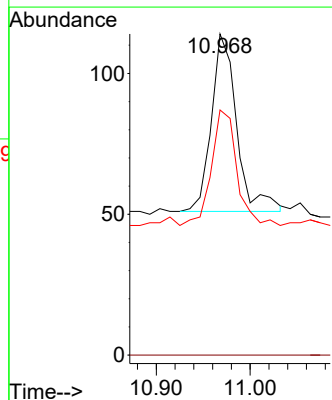
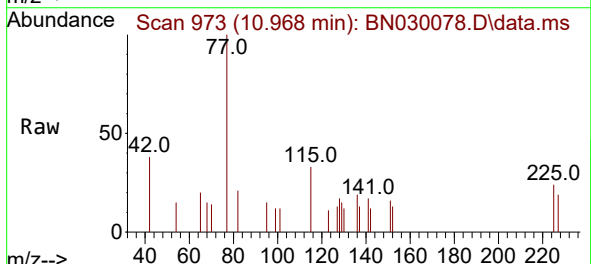
Instrument :
BNA_N
ClientSampleId :
TT14911-20240222

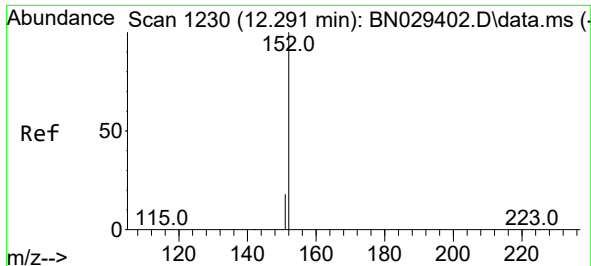
Tgt Ion:	82	Resp:	3678
Ion Ratio	Lower	Upper	
82	100		
128	37.7	31.6	47.4
54	53.6	38.2	57.4



#10
Hexachlorobutadiene
Concen: 0.021 ng
RT: 10.968 min Scan# 973
Delta R.T. -0.011 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

Tgt Ion:	225	Resp:	118
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	65.3	51.1	76.7





#11

2-Methylnaphthalene-d10

Concen: 0.381 ng

RT: 12.250 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN030078.D

Acq: 27 Feb 2024 04:26

Instrument :

BNA_N

ClientSampleId :

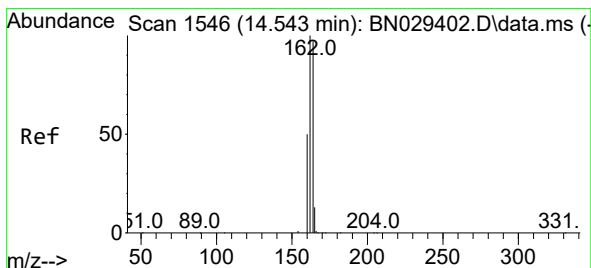
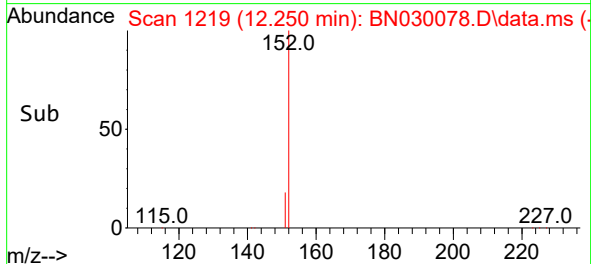
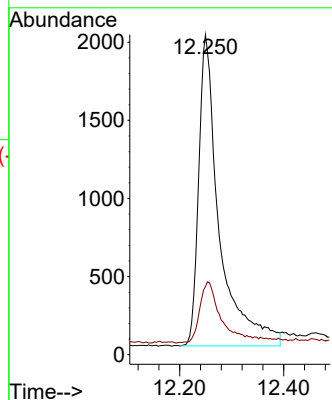
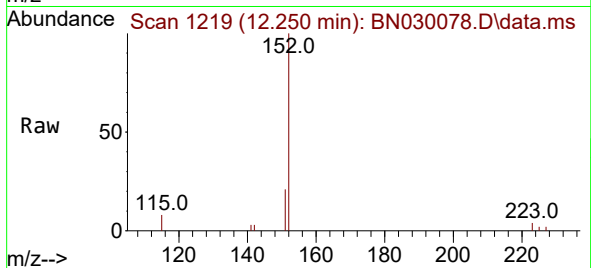
TT14911-20240222

Tgt Ion:152 Resp: 5492

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1542

Delta R.T. 0.011 min

Lab File: BN030078.D

Acq: 27 Feb 2024 04:26

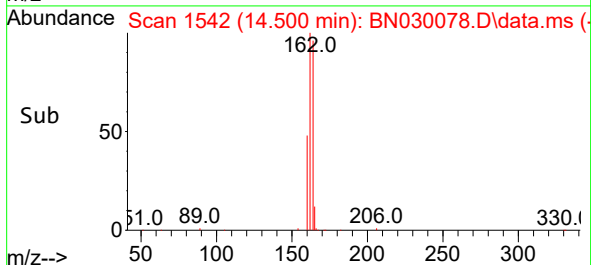
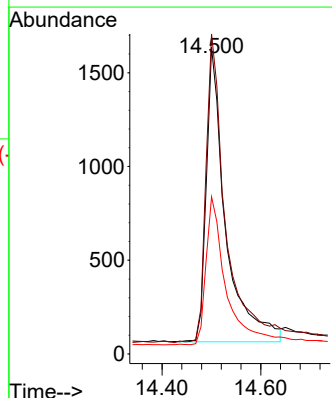
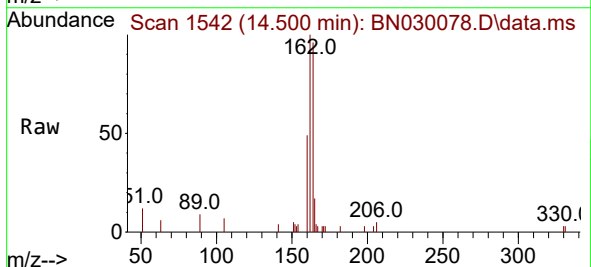
Tgt Ion:164 Resp: 4268

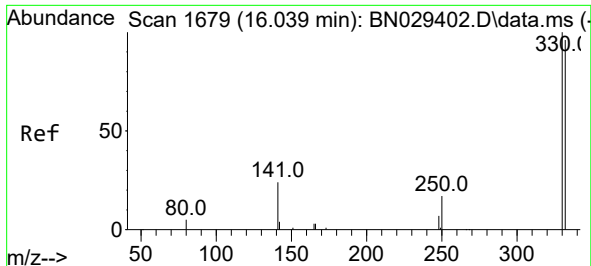
Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

160 51.3 41.5 62.3

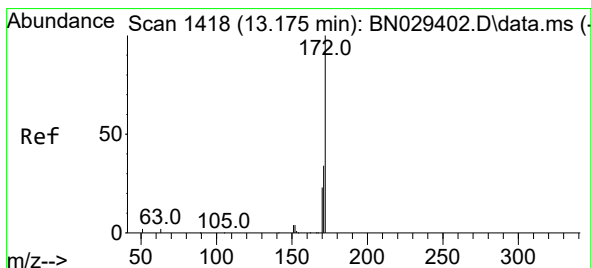
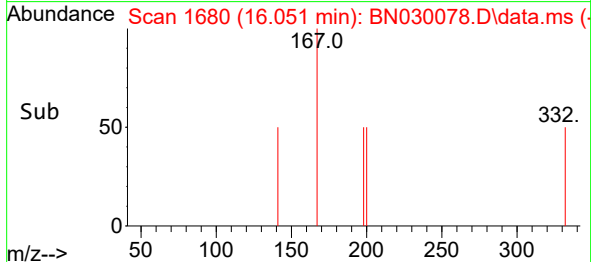
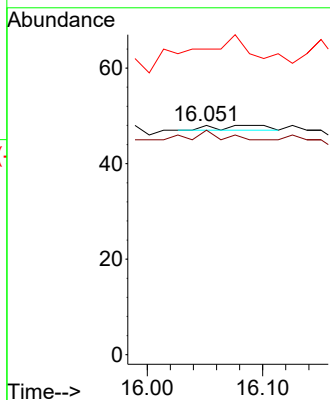
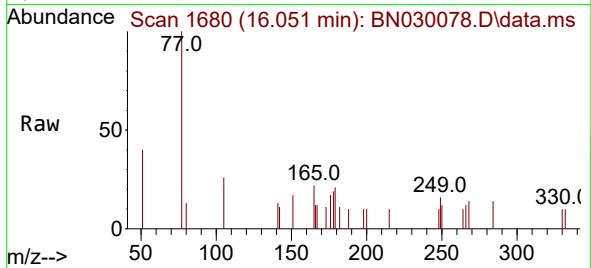




#14
2,4,6-Tribromophenol
Concen: 0.002 ng
RT: 16.051 min Scan# 1
Delta R.T. 0.050 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

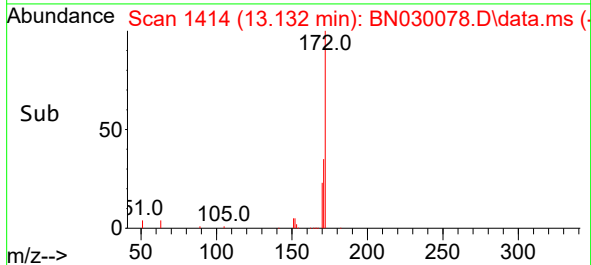
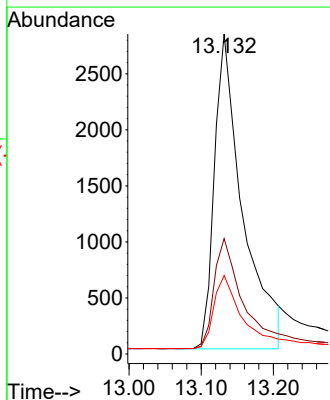
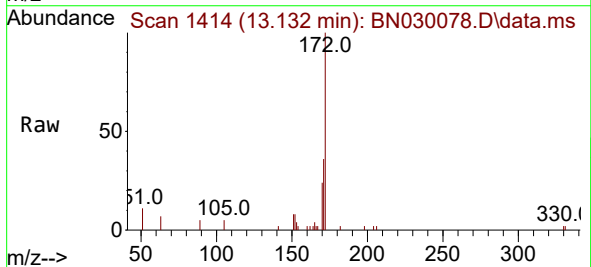
Instrument :
BNA_N
ClientSampleId :
TT14911-20240222

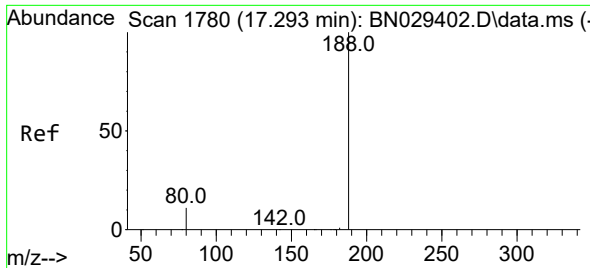
Tgt Ion:330 Resp: 3
Ion Ratio Lower Upper
330 100
332 100.0 76.0 114.0
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

Tgt Ion:172 Resp: 7626
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.5 18.7 28.1

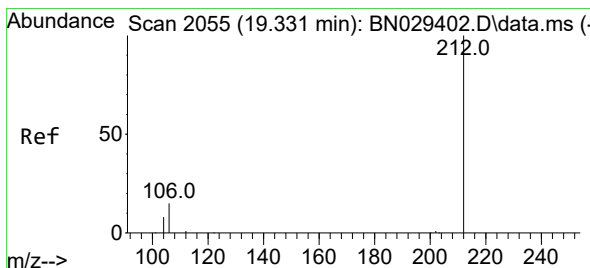
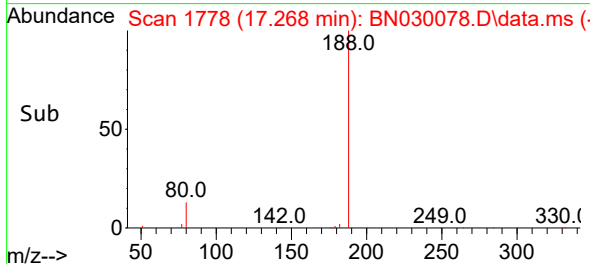
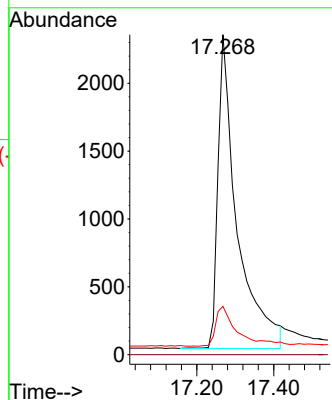
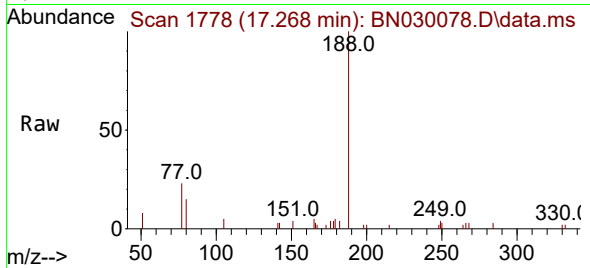




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.268 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

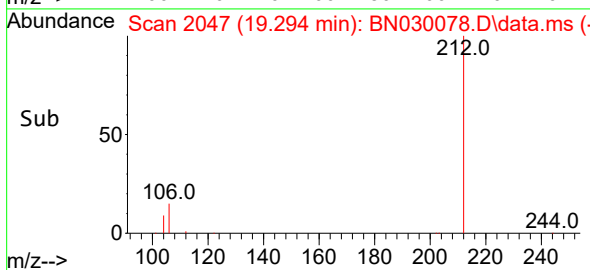
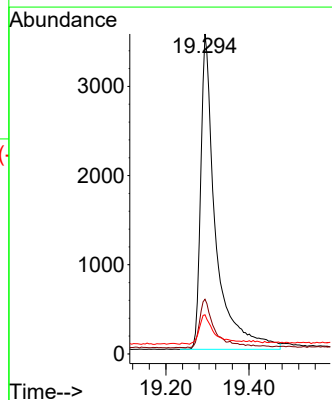
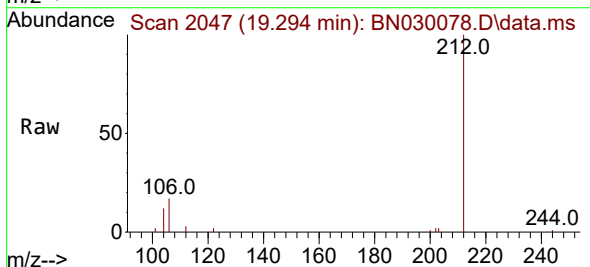
Instrument :
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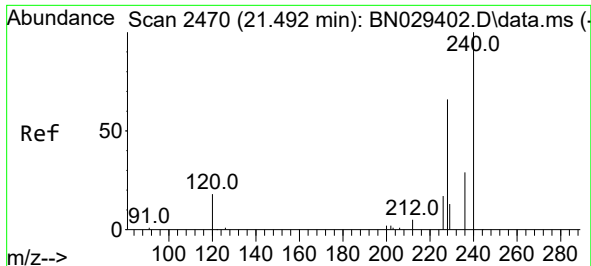
Tgt Ion:188 Resp: 7968
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.294 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

Tgt Ion:212 Resp: 8843
Ion Ratio Lower Upper
212 100
106 15.8 13.2 19.8
104 9.2 7.7 11.5

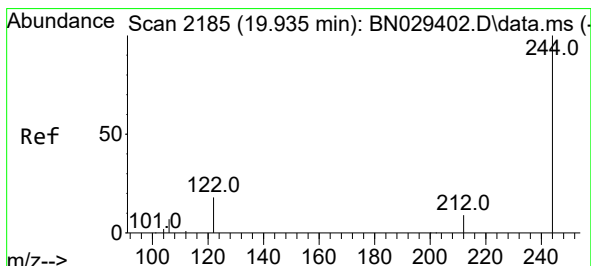
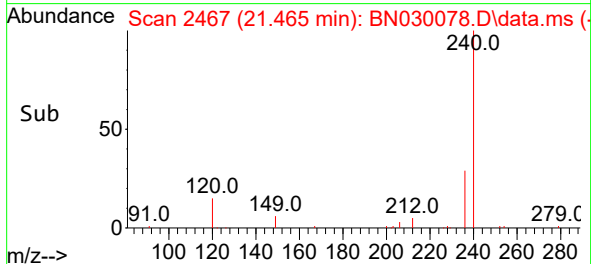
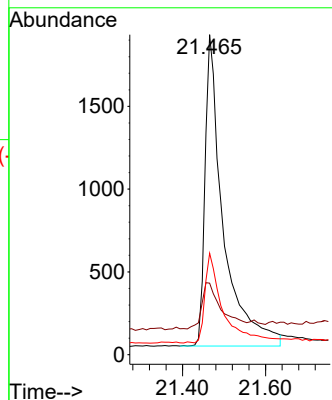
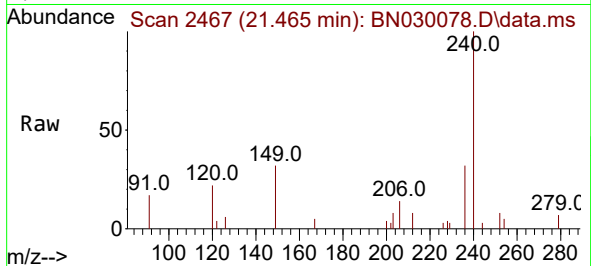




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

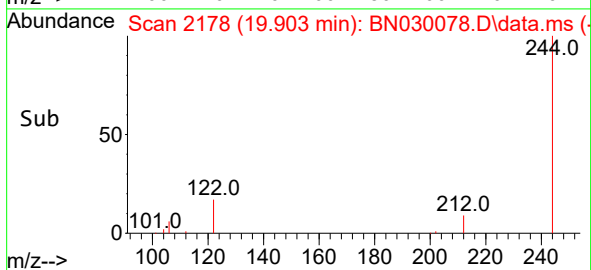
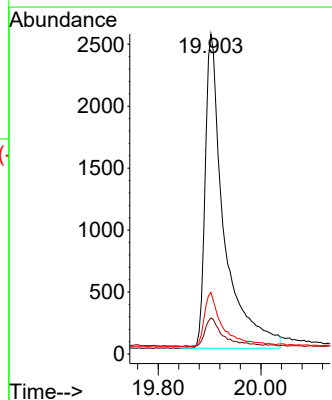
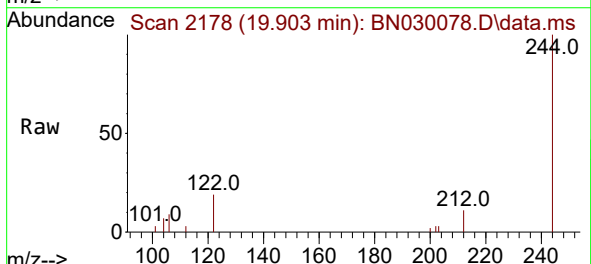
Instrument :
BNA_N
ClientSampleId :
TT14911-20240222

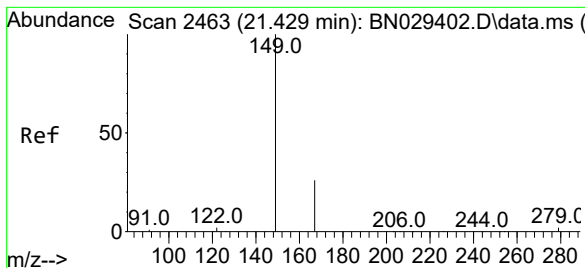
Tgt Ion:240 Resp: 5732
Ion Ratio Lower Upper
240 100
120 22.3 16.7 25.1
236 31.7 23.9 35.9



#31
Terphenyl-d14
Concen: 0.452 ng
RT: 19.903 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BN030078.D
Acq: 27 Feb 2024 04:26

Tgt Ion:244 Resp: 6428
Ion Ratio Lower Upper
244 100
212 11.3 8.2 12.4
122 19.3 15.6 23.4

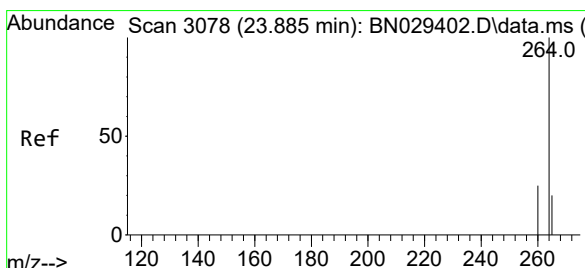
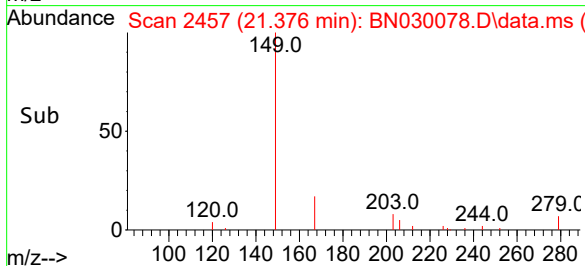
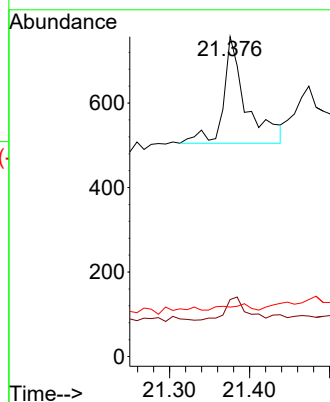
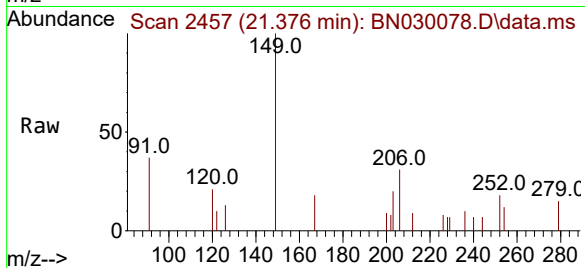




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 21.376 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN030078.D
 Acq: 27 Feb 2024 04:26

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20240222

Tgt Ion:149 Resp: 493
 Ion Ratio Lower Upper
 149 100
 167 19.7 20.1 30.1#
 279 5.7 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.829 min Scan# 3059
 Delta R.T. 0.009 min
 Lab File: BN030078.D
 Acq: 27 Feb 2024 04:26

Tgt Ion:264 Resp: 5753
 Ion Ratio Lower Upper
 264 100
 260 28.6 21.2 31.8
 265 99.3 41.5 62.3#

