

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036776.D
 Acq On : 28 Mar 2025 17:02
 Operator : RC/JU
 Sample : Q1608-14DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250318DL

Quant Time: Mar 28 18:22:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

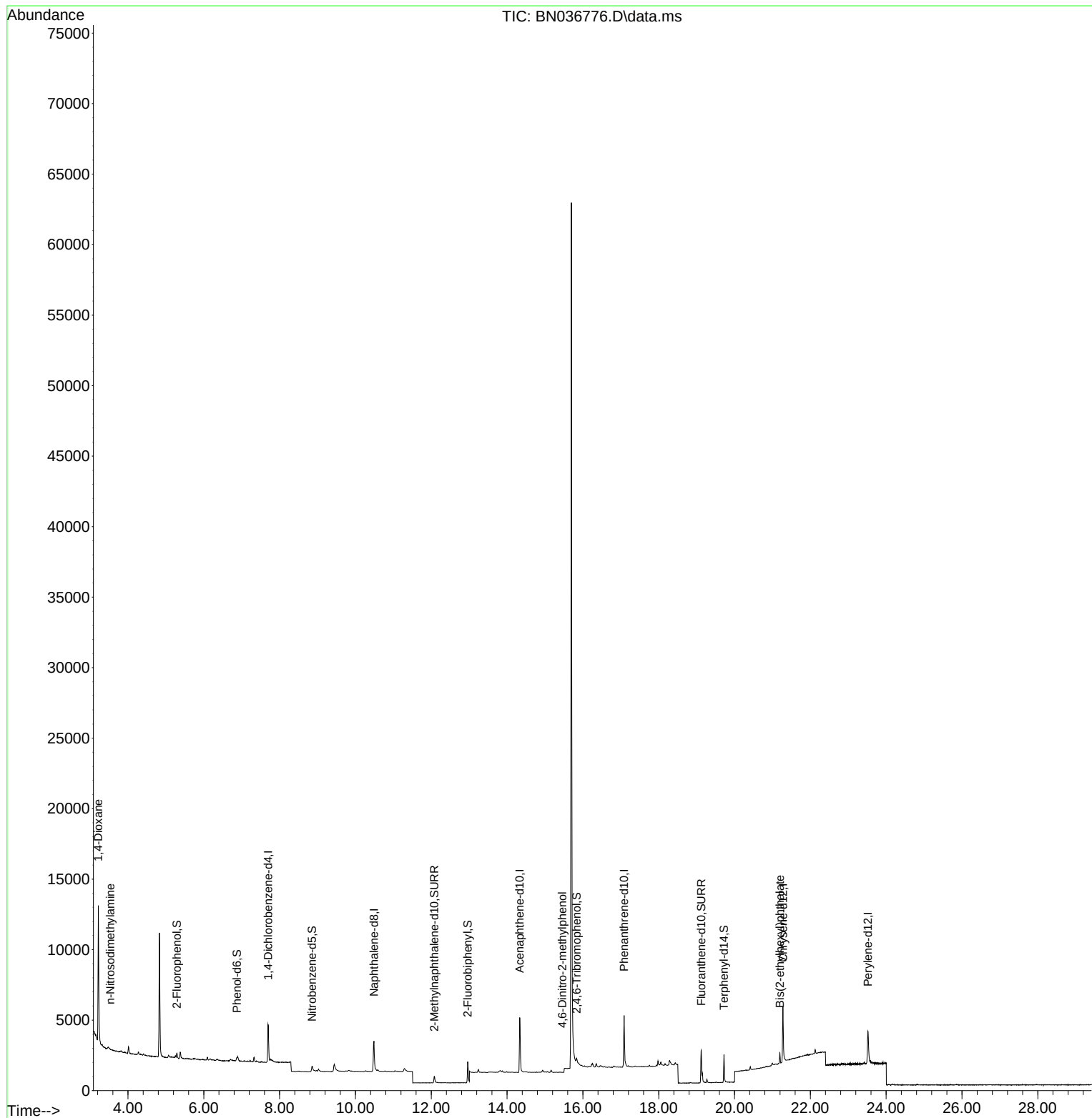
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1407	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3418	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2412	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5434	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4284	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3735	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	281	0.086	ng	-0.02
5) Phenol-d6	6.872	99	214	0.053	ng	-0.03
8) Nitrobenzene-d5	8.854	82	518	0.139	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	826	0.162	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	238	0.217	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	1986	0.142	ng	-0.03
27) Fluoranthene-d10	19.122	212	2855	0.205	ng	-0.02
31) Terphenyl-d14	19.722	244	2030	0.198	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.218	88	5017	3.214	ng	93
3) n-Nitrosodimethylamine	3.535	42	83	0.026	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	798	0.075	ng	99

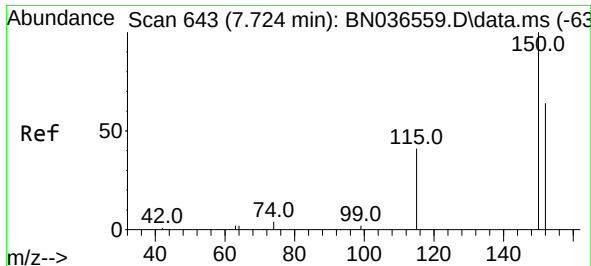
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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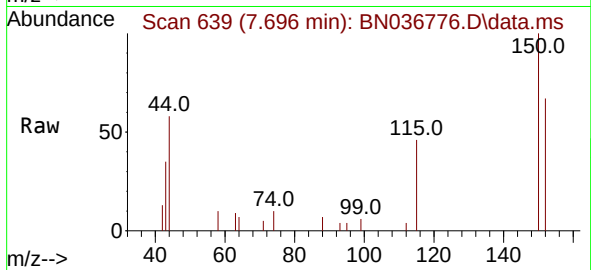
Quant Time: Mar 28 18:22:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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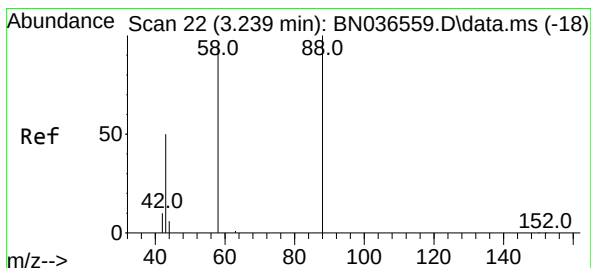
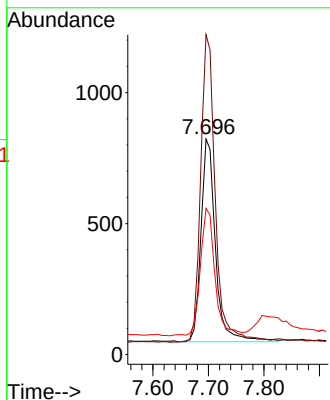
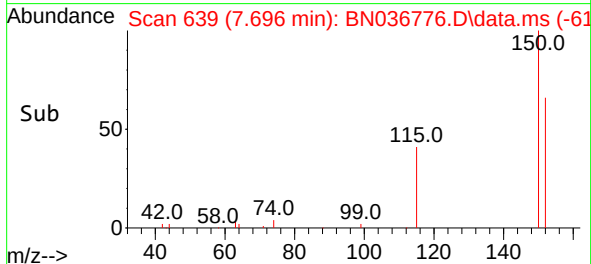


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

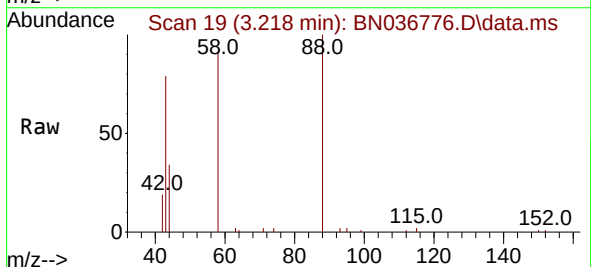
Instrument :
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 ClientSampleId :
 RE132D2-20250318DL



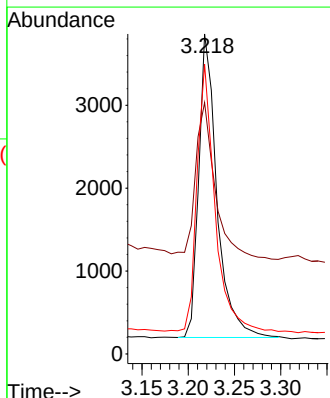
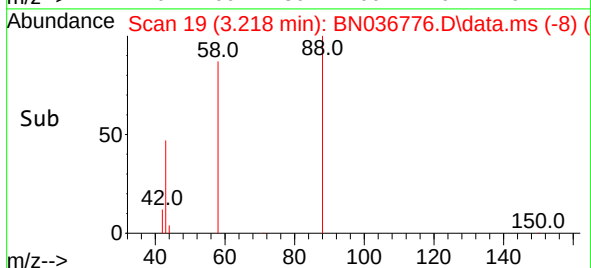
Tgt Ion:152 Resp: 1407
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.7 185.5
 115 67.9 54.3 81.5

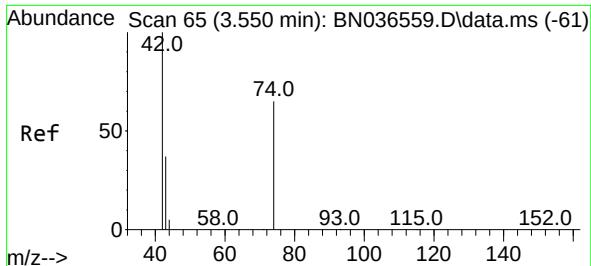


#2
 1,4-Dioxane
 Concen: 3.214 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02



Tgt Ion: 88 Resp: 5017
 Ion Ratio Lower Upper
 88 100
 43 56.5 37.8 56.8
 58 87.0 67.4 101.2

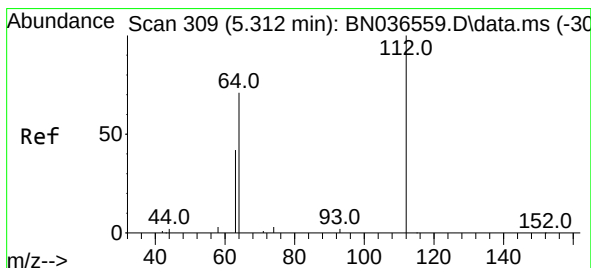
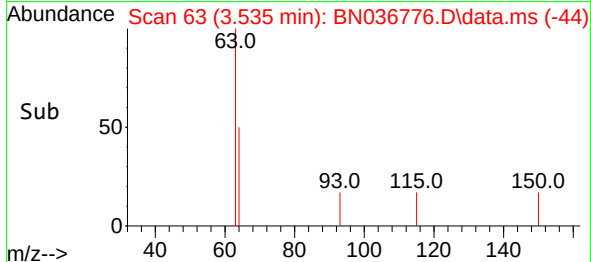
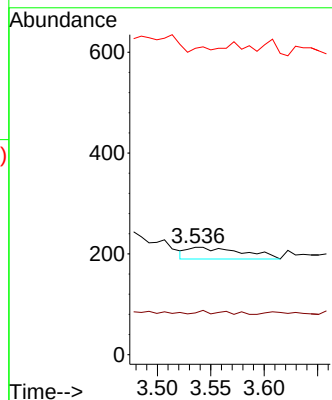
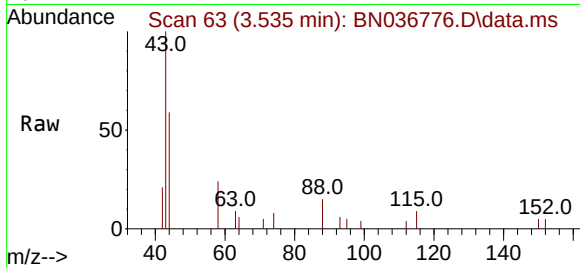




#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

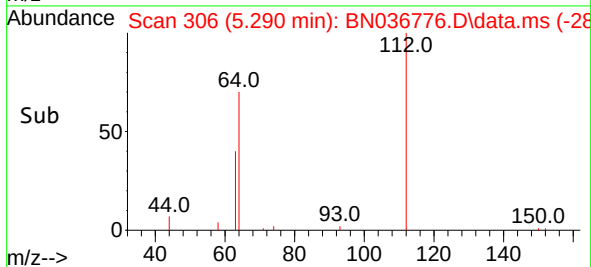
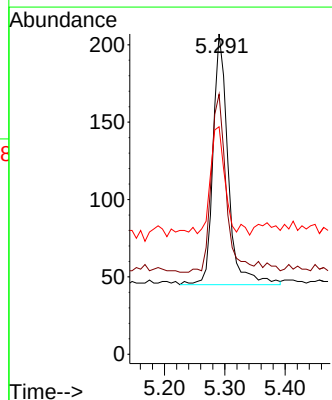
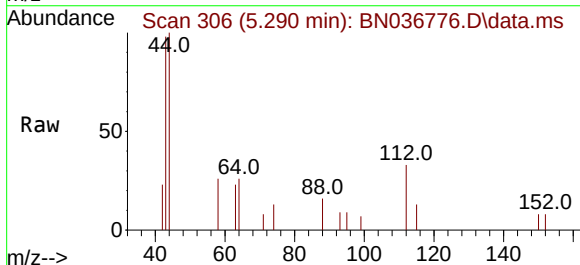
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318DL

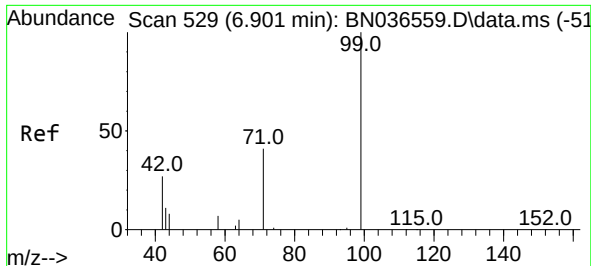
Tgt Ion: 42 Resp: 83
Ion Ratio Lower Upper
42 100
74 6.0 60.6 90.8#
44 8.4 6.3 9.5



#4
2-Fluorophenol
Concen: 0.086 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion: 112 Resp: 281
Ion Ratio Lower Upper
112 100
64 70.5 53.1 79.7
63 40.6 31.8 47.8

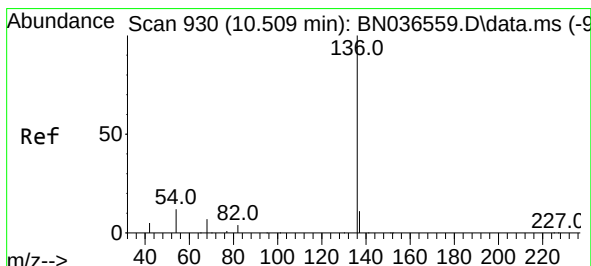
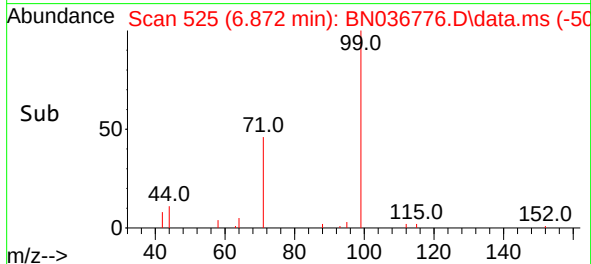
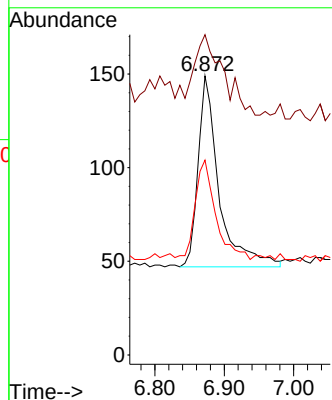
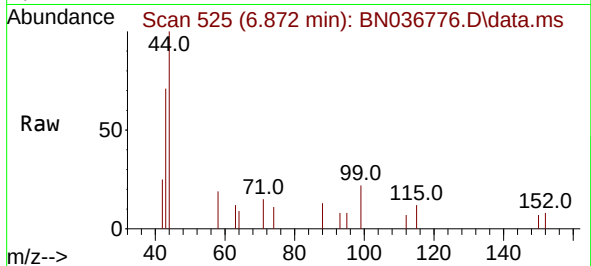




#5
Phenol-d6
Concen: 0.053 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

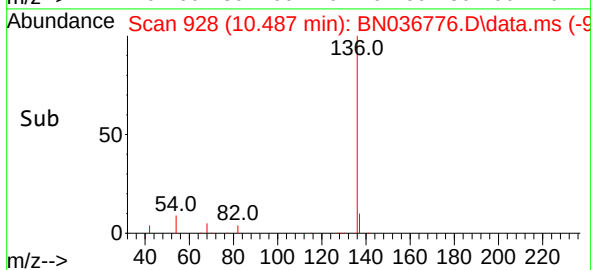
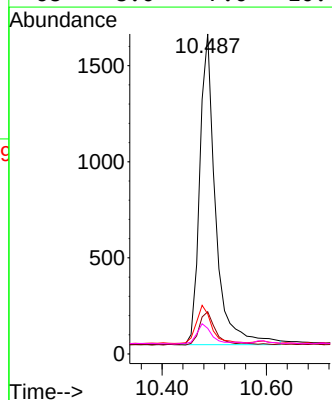
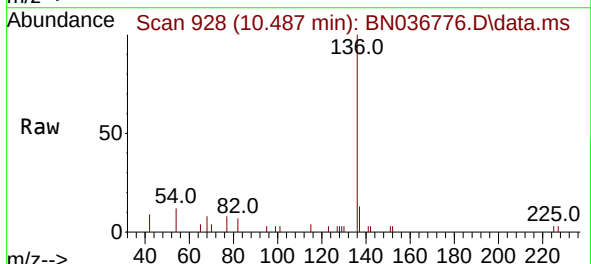
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318DL

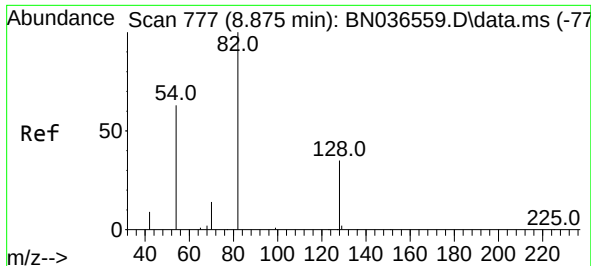
Tgt Ion: 99 Resp: 214
Ion Ratio Lower Upper
99 100
42 57.9 26.5 39.7#
71 50.5 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion: 136 Resp: 3418
Ion Ratio Lower Upper
136 100
137 13.2 10.3 15.5
54 12.5 11.5 17.3
68 8.0 7.0 10.4

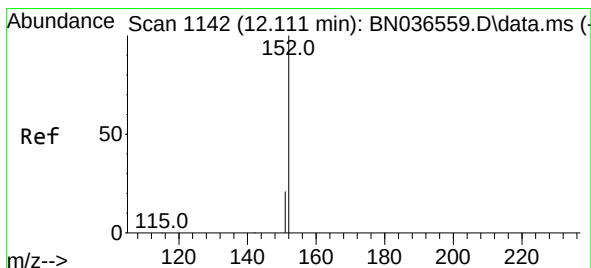
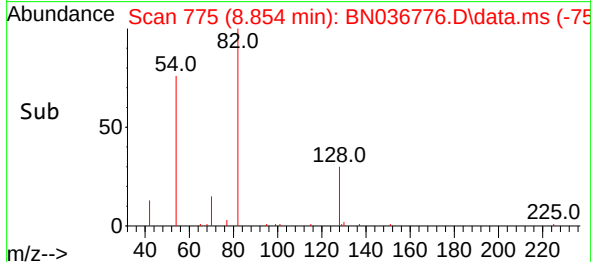
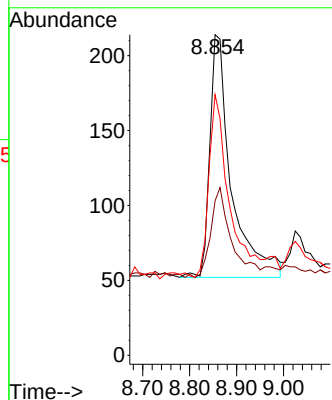
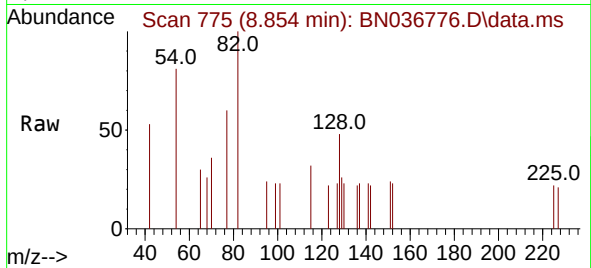




#8
 Nitrobenzene-d5
 Concen: 0.139 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

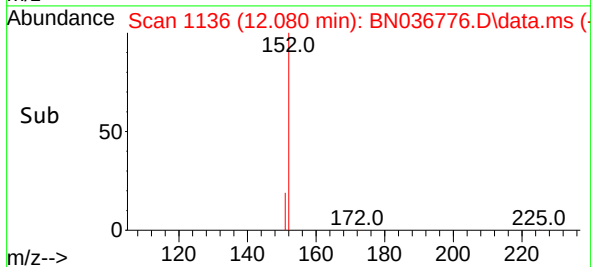
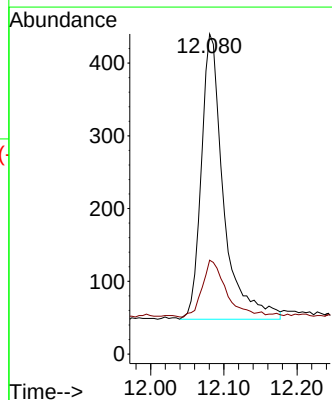
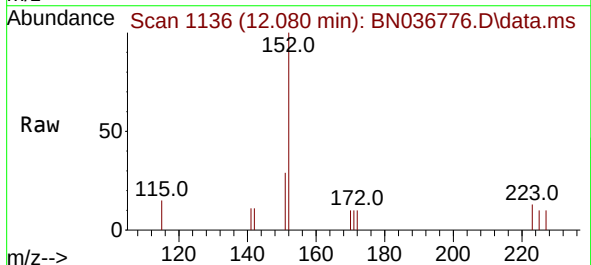
Instrument :
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 ClientSampleId :
 RE132D2-20250318DL

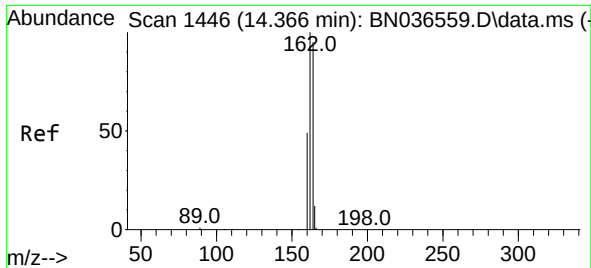
Tgt Ion: 82 Resp: 518
 Ion Ratio Lower Upper
 82 100
 128 48.1 30.6 45.8#
 54 81.3 52.2 78.4#



#11
 2-Methylnaphthalene-d10
 Concen: 0.162 ng
 RT: 12.080 min Scan# 1136
 Delta R.T. -0.030 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

Tgt Ion: 152 Resp: 826
 Ion Ratio Lower Upper
 152 100
 151 21.8 17.0 25.6

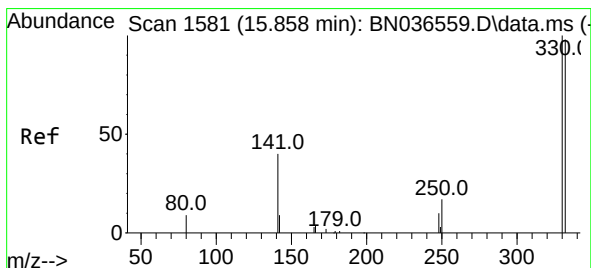
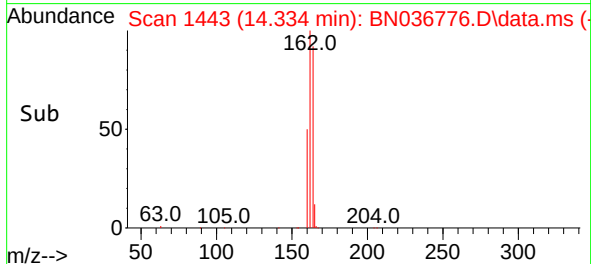
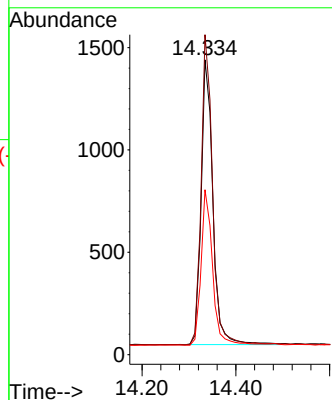
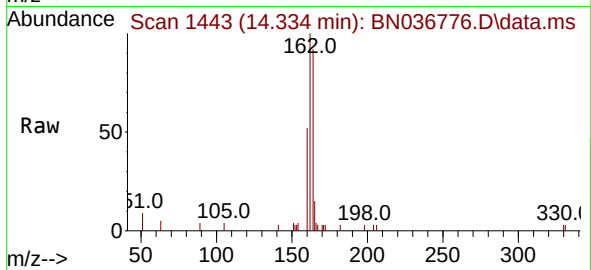




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

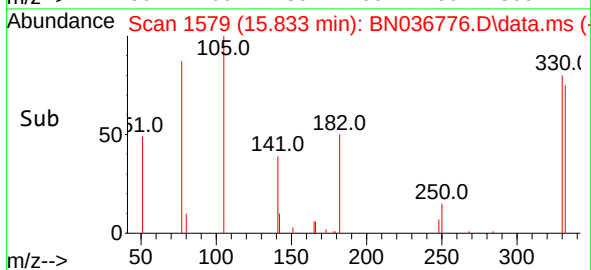
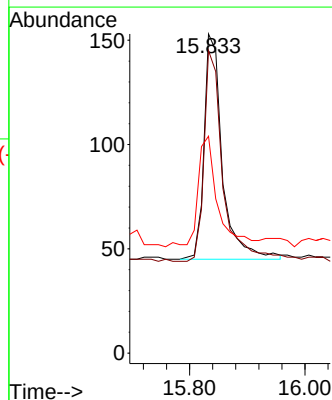
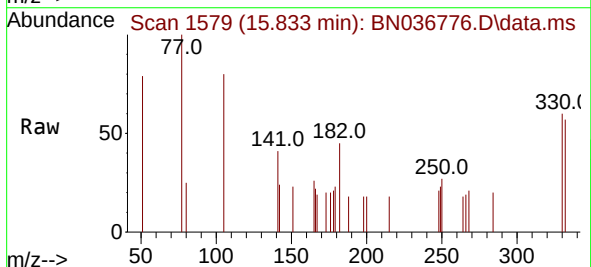
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ClientSampleId :
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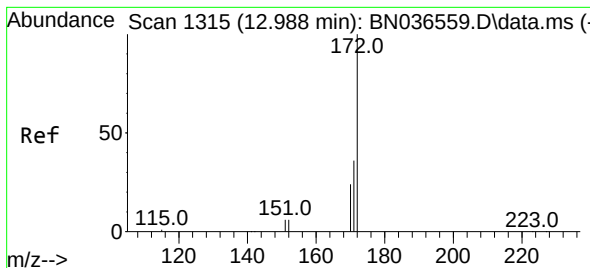
Tgt Ion:164 Resp: 2412
Ion Ratio Lower Upper
164 100
162 108.5 84.2 126.2
160 56.0 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:330 Resp: 238
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 53.4 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.142 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.025 min

Lab File: BN036776.D

Acq: 28 Mar 2025 17:02

Instrument :

BNA_N

ClientSampleId :

RE132D2-20250318DL

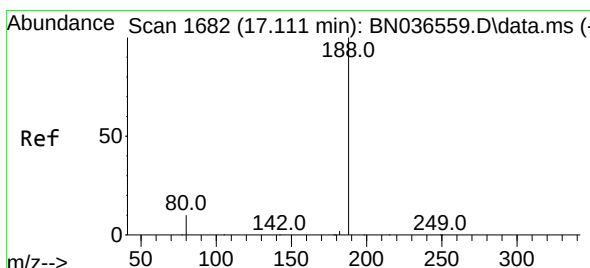
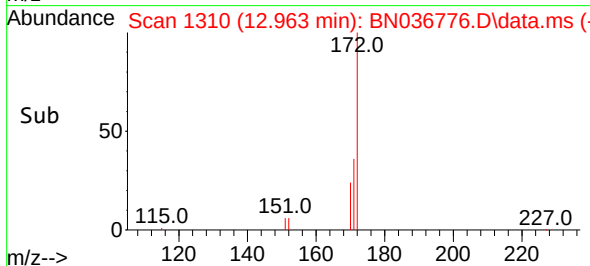
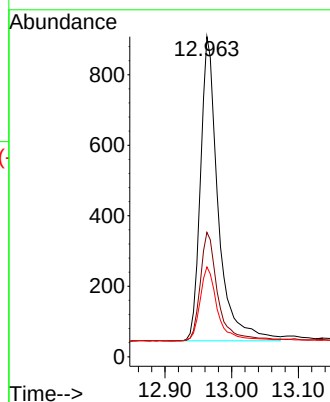
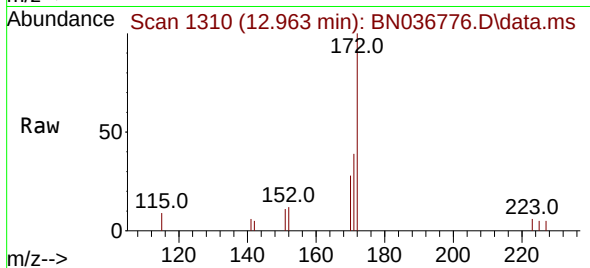
Tgt Ion:172 Resp: 1986

Ion Ratio Lower Upper

172 100

171 38.9 29.5 44.3

170 28.1 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1680

Delta R.T. -0.025 min

Lab File: BN036776.D

Acq: 28 Mar 2025 17:02

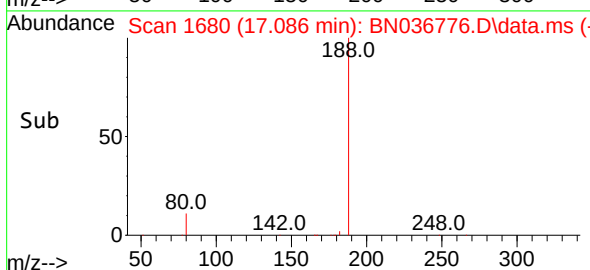
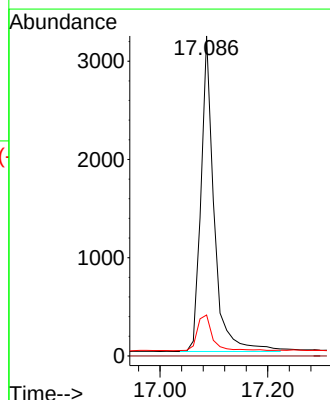
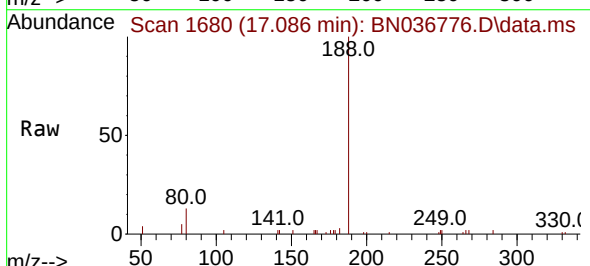
Tgt Ion:188 Resp: 5434

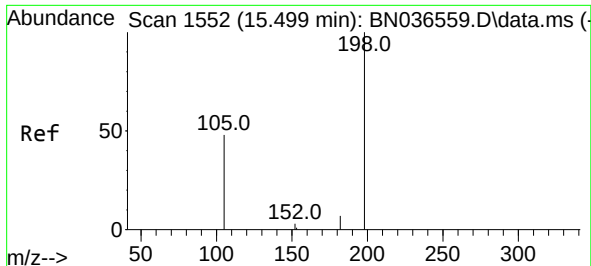
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 8.8 13.2

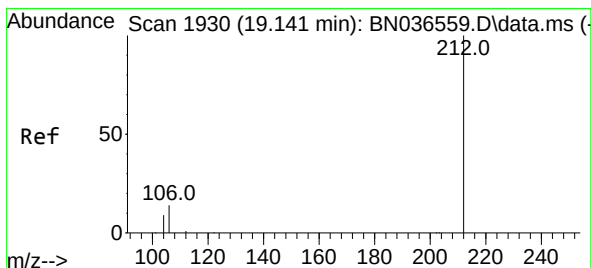
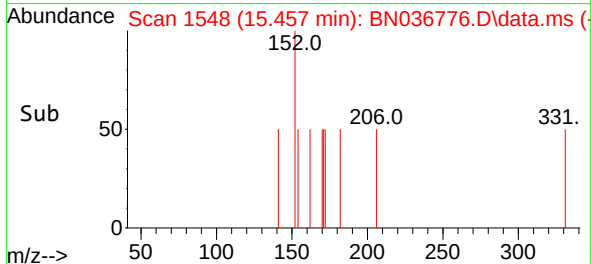
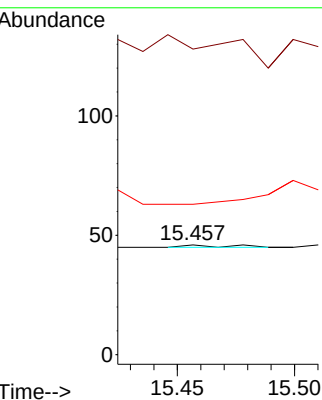
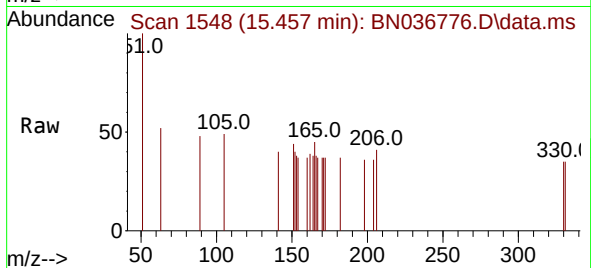




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.457 min Scan# 1
Delta R.T. -0.042 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

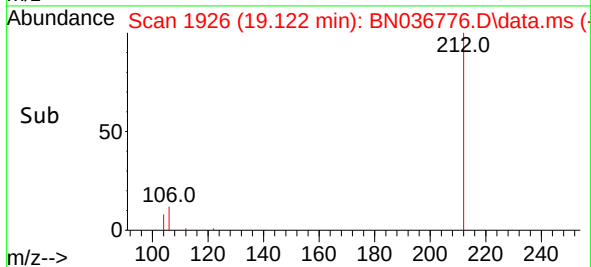
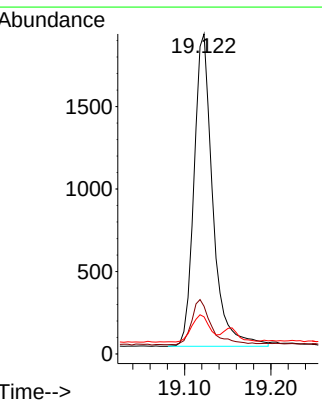
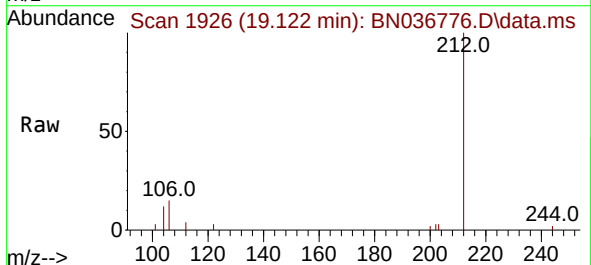
Instrument :
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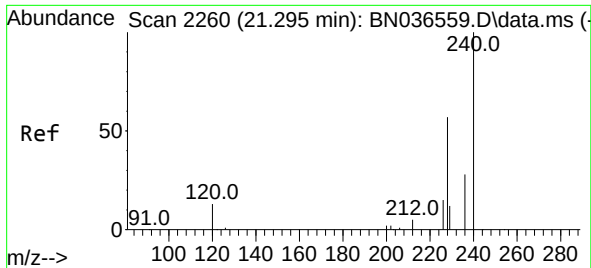
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 278.3 107.9 161.9#
105 137.0 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:212 Resp: 2855
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 8.4 7.3 10.9

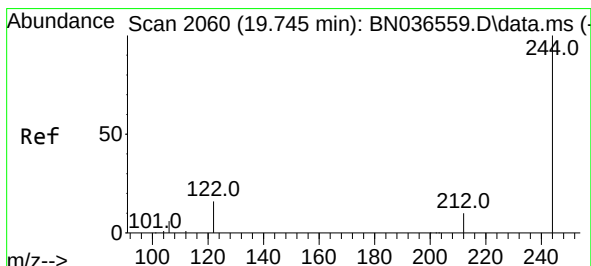
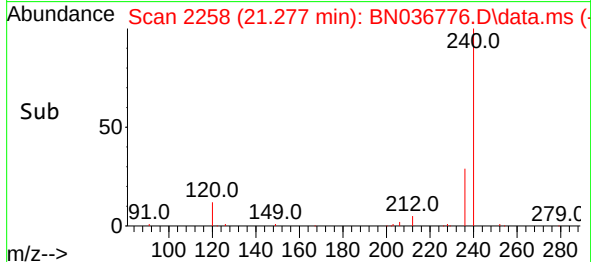
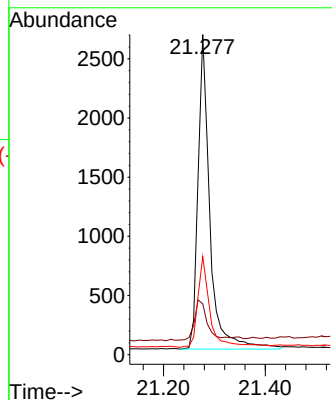
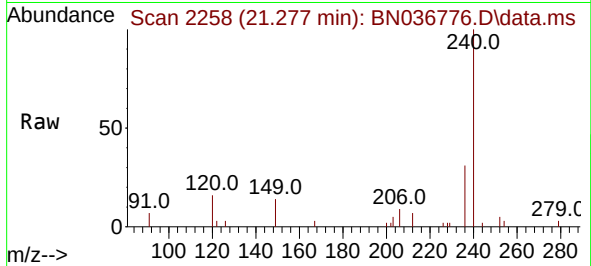




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

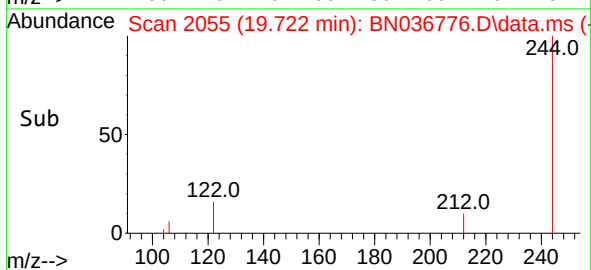
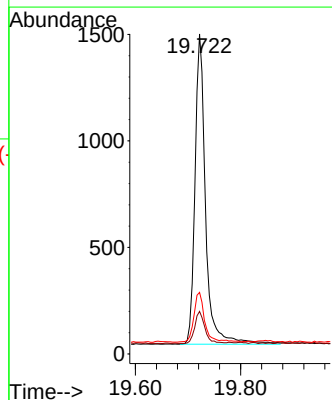
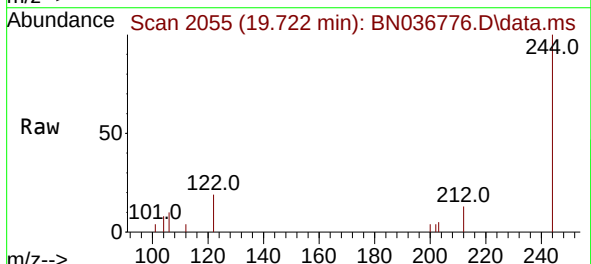
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318DL

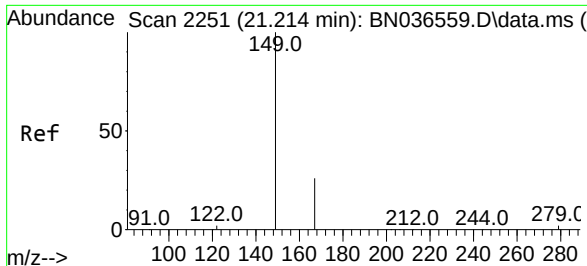
Tgt Ion:240 Resp: 4284
Ion Ratio Lower Upper
240 100
120 15.9 14.6 22.0
236 30.7 24.1 36.1



#31
Terphenyl-d14
Concen: 0.198 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:244 Resp: 2030
Ion Ratio Lower Upper
244 100
212 13.3 9.6 14.4
122 19.2 13.9 20.9

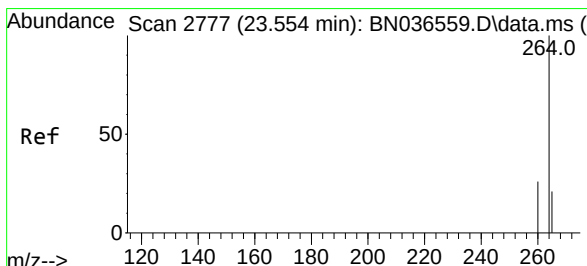
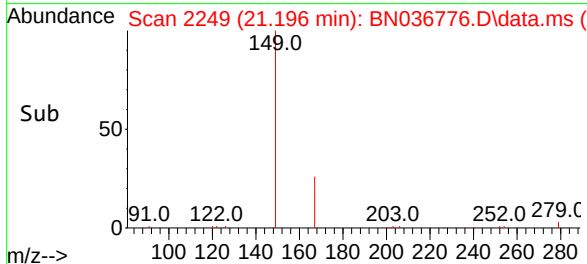
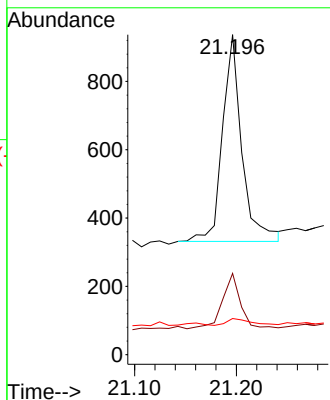
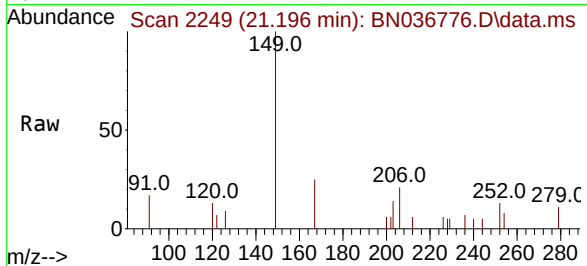




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250318DL

Tgt Ion:	149	Resp:	798
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.7	31.1
279	4.1	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2765
 Delta R.T. -0.035 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

Tgt Ion:	264	Resp:	3735
Ion Ratio	Lower	Upper	
264	100		
260	28.2	22.6	33.8
265	84.3	88.1	132.1#

