

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036654.D
 Acq On : 17 Mar 2025 11:38
 Operator : RC/JU
 Sample : Q1559-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310DL

Quant Time: Mar 17 12:32:00 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)

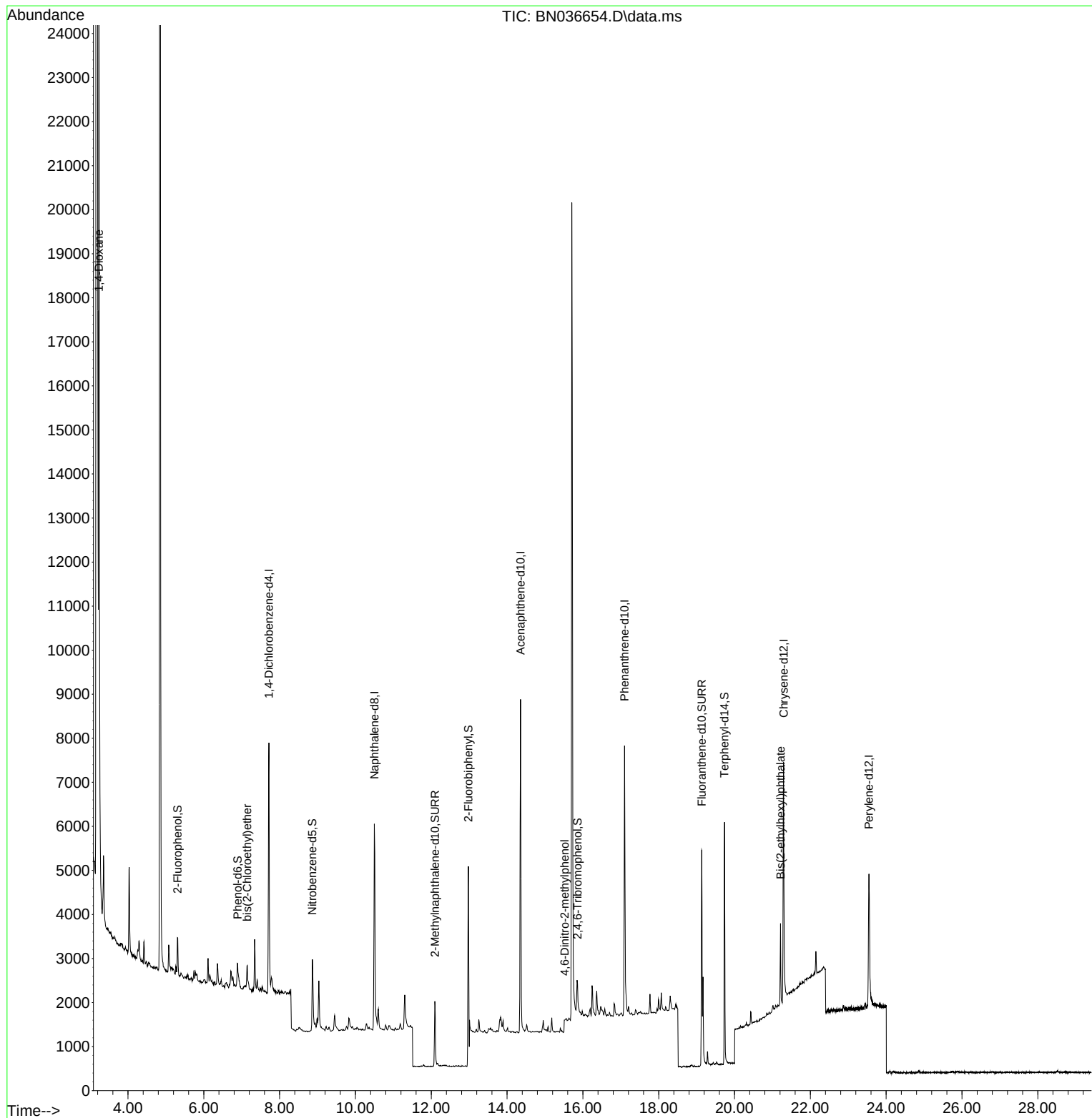
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2699	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	6749	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	4100	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	8497	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	6025	0.400	ng	# 0.00
35) Perylene-d12	23.545	264	4865	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	630	0.100	ng	0.00
5) Phenol-d6	6.894	99	456	0.059	ng	0.00
8) Nitrobenzene-d5	8.864	82	1614	0.220	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2329	0.232	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	505	0.271	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	6044	0.253	ng	-0.01
27) Fluoranthene-d10	19.136	212	5984	0.275	ng	0.00
31) Terphenyl-d14	19.736	244	5191	0.360	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	10905	3.642	ng	95
6) bis(2-Chloroethyl)ether	7.147	93	385	0.048	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.522	198	6	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	1776	0.119	ng	98

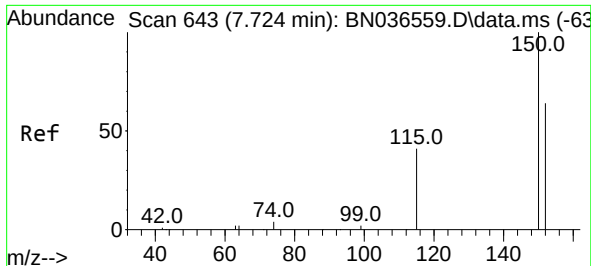
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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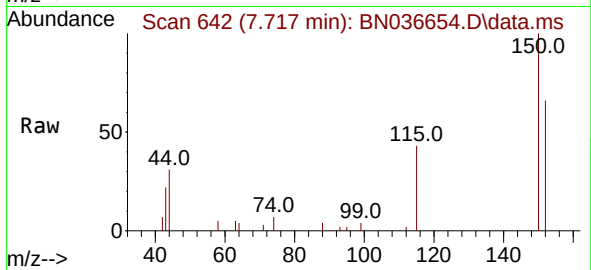
Quant Time: Mar 17 12:32:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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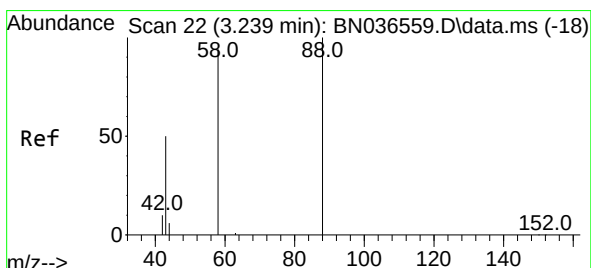
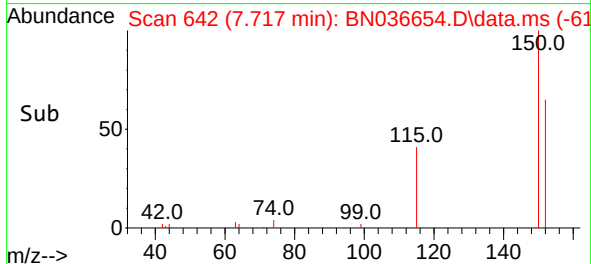
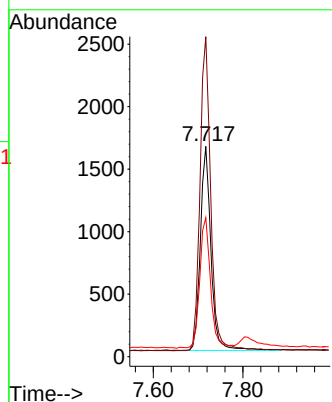
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036654.D
 Acq: 17 Mar 2025 11:38

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310DL



Tgt Ion:152 Resp: 2699

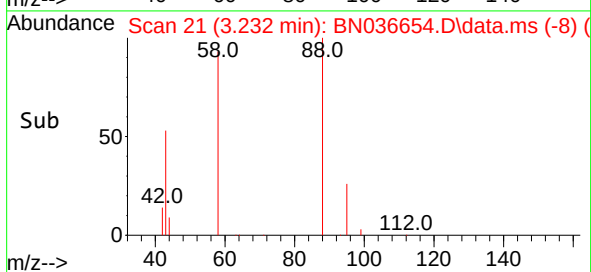
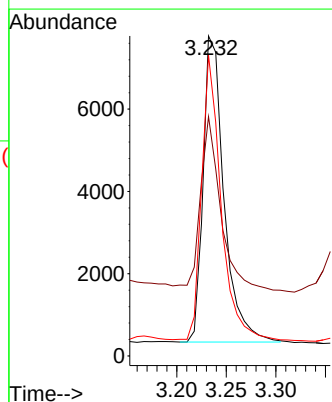
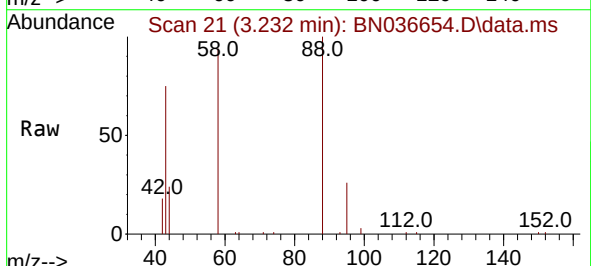
Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.7	185.5
115	66.1	54.3	81.5

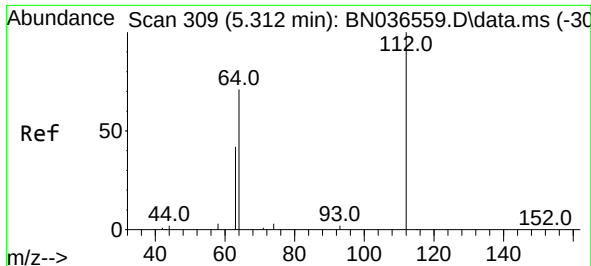


#2
 1,4-Dioxane
 Concen: 3.642 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036654.D
 Acq: 17 Mar 2025 11:38

Tgt Ion: 88 Resp: 10905

Ion	Ratio	Lower	Upper
88	100		
43	54.7	37.8	56.8
58	85.7	67.4	101.2

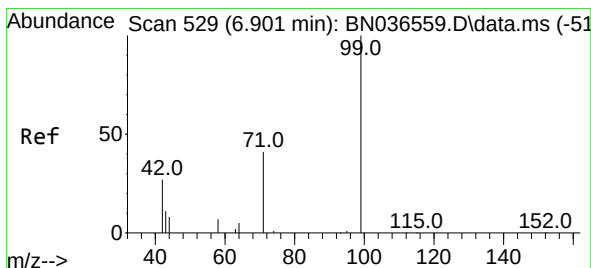
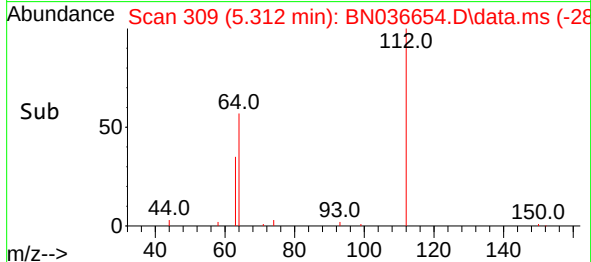
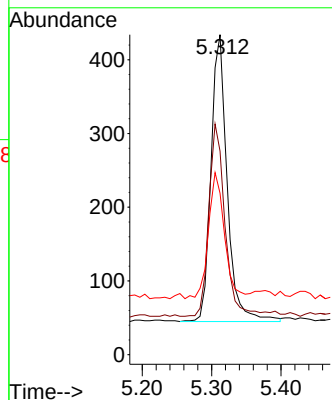
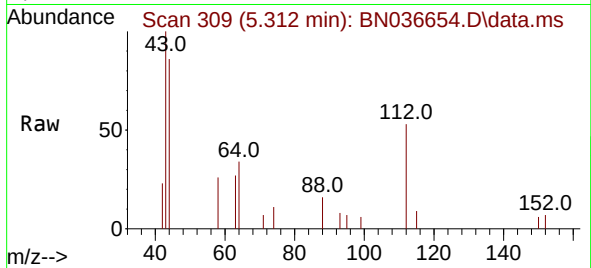




#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

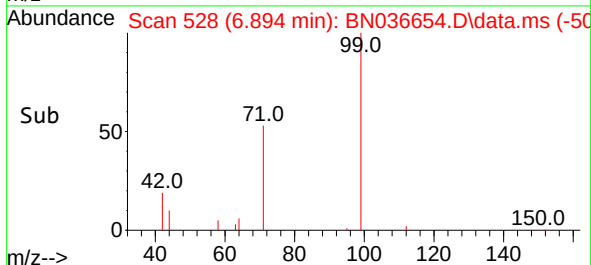
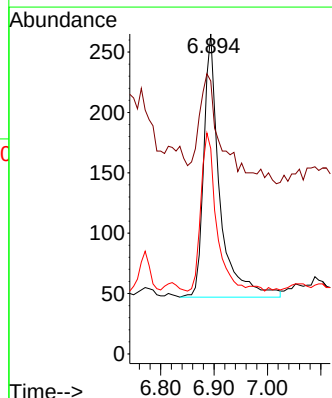
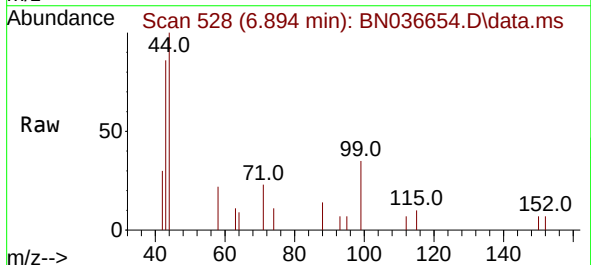
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310DL

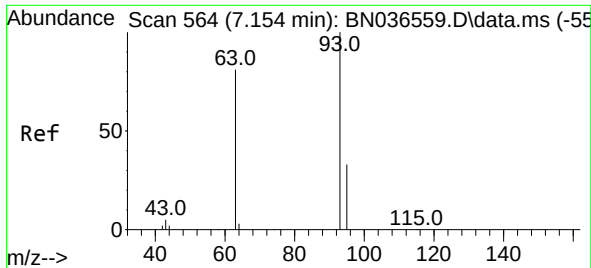
Tgt Ion:112 Resp: 630
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 43.3 31.8 47.8



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

Tgt Ion: 99 Resp: 456
Ion Ratio Lower Upper
99 100
42 42.1 26.5 39.7#
71 57.9 34.1 51.1#

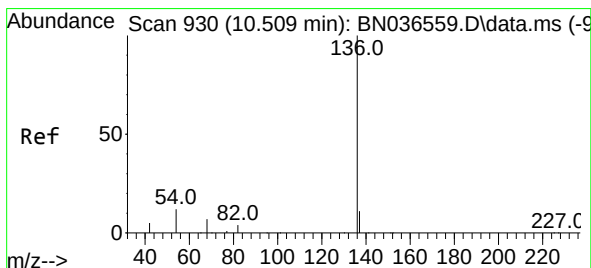
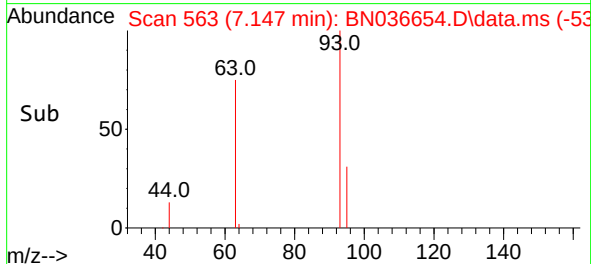
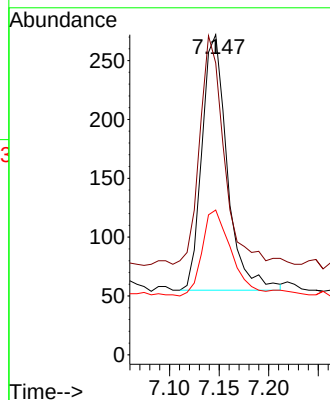
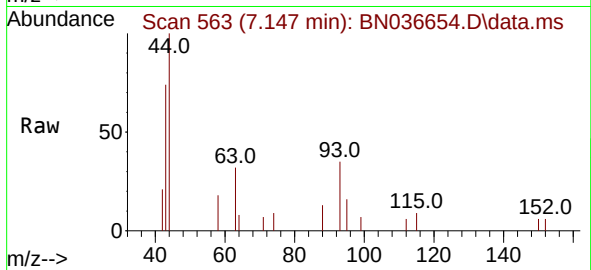




#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.147 min Scan# 501
Delta R.T. -0.007 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

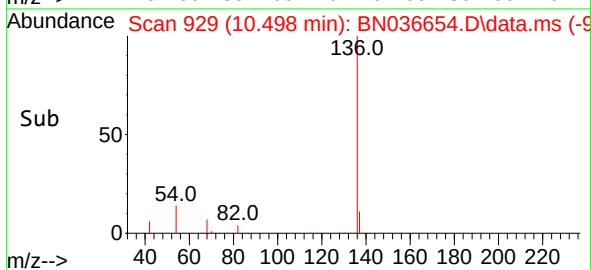
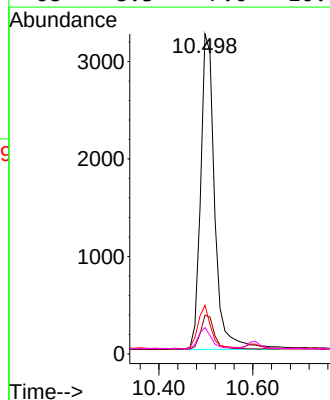
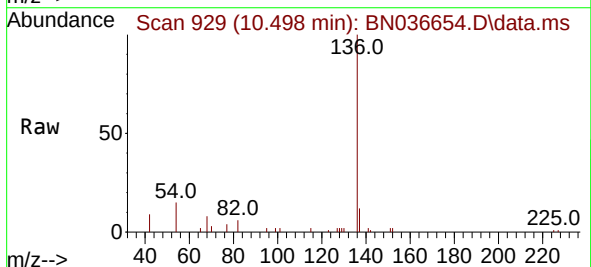
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310DL

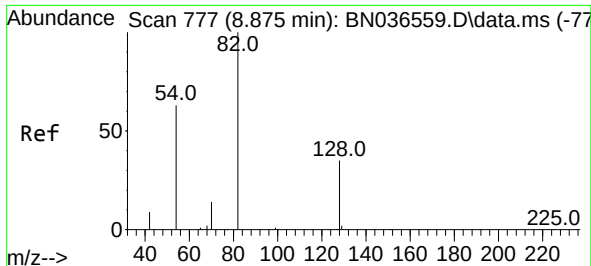
Tgt Ion: 93 Resp: 385
Ion Ratio Lower Upper
93 100
63 95.6 67.7 101.5
95 39.0 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

Tgt Ion:136 Resp: 6749
Ion Ratio Lower Upper
136 100
137 12.1 10.3 15.5
54 15.2 11.5 17.3
68 8.3 7.0 10.4

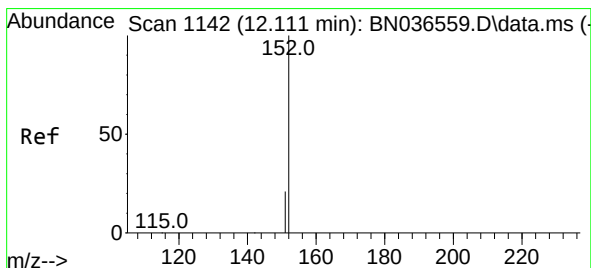
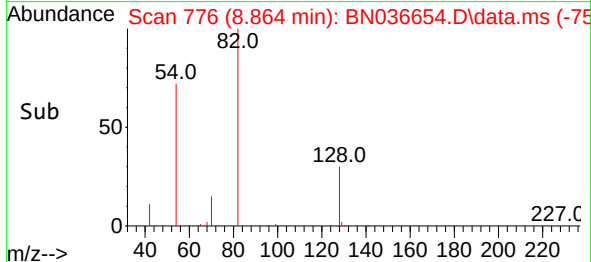
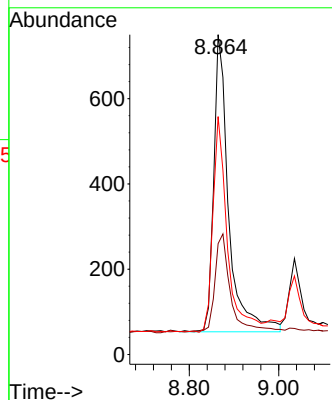
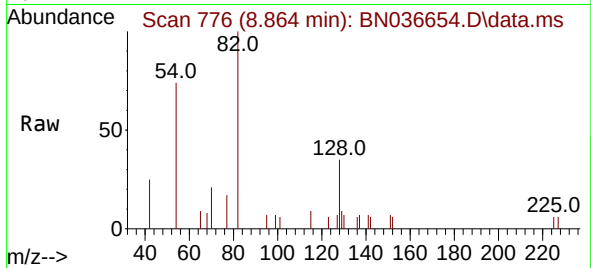




#8
 Nitrobenzene-d5
 Concen: 0.220 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036654.D
 Acq: 17 Mar 2025 11:38

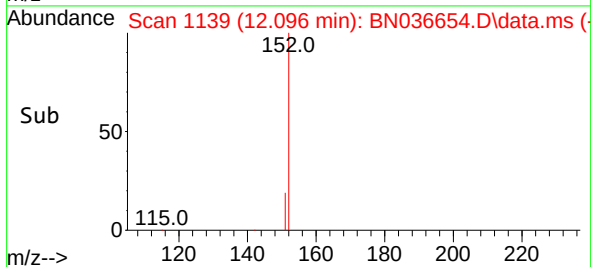
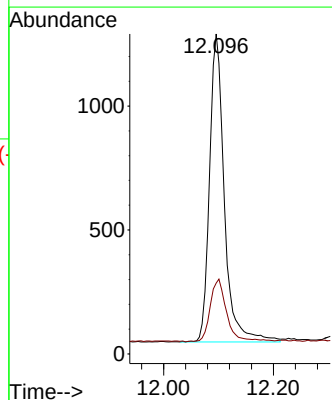
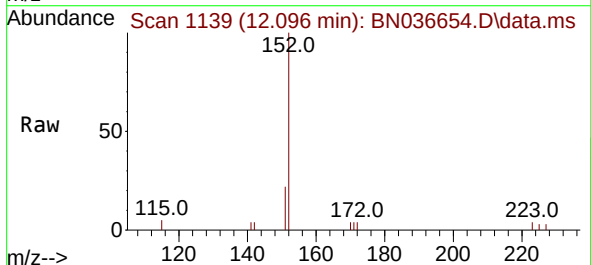
Instrument :
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 ClientSampleId :
 RE115D1-20250310DL

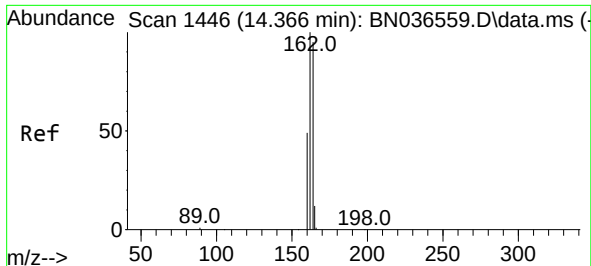
Tgt Ion: 82 Resp: 1614
 Ion Ratio Lower Upper
 82 100
 128 34.7 30.6 45.8
 54 74.4 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.232 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.015 min
 Lab File: BN036654.D
 Acq: 17 Mar 2025 11:38

Tgt Ion: 152 Resp: 2329
 Ion Ratio Lower Upper
 152 100
 151 22.8 17.0 25.6

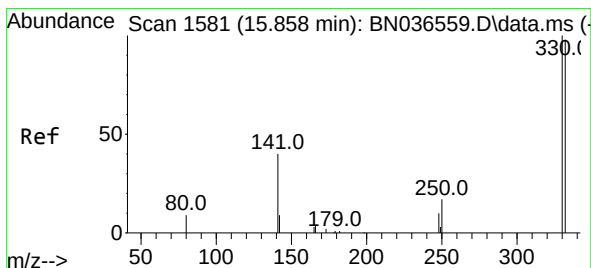
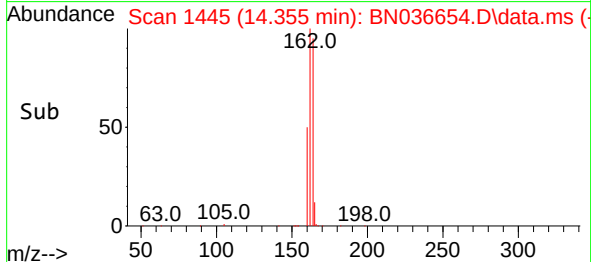
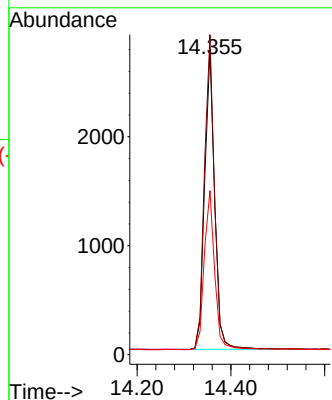
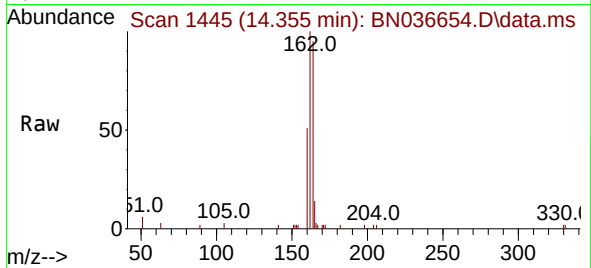




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

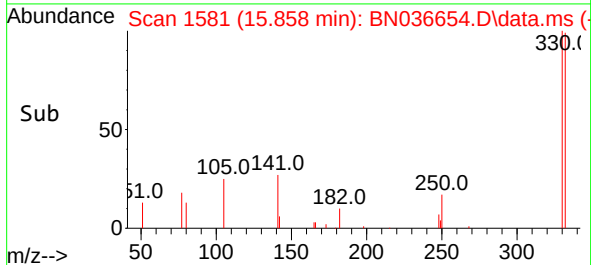
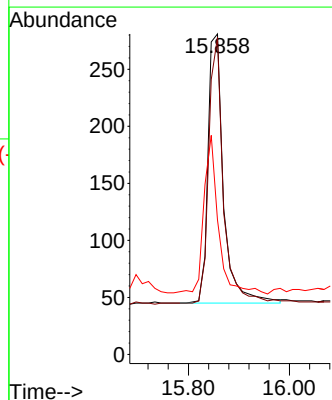
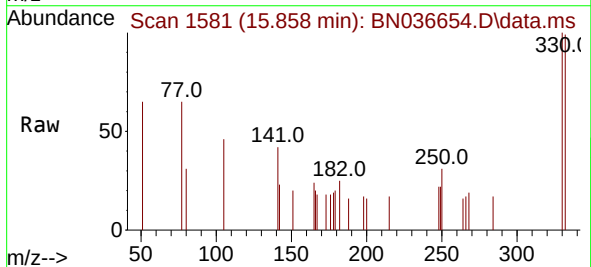
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ClientSampleId :
RE115D1-20250310DL

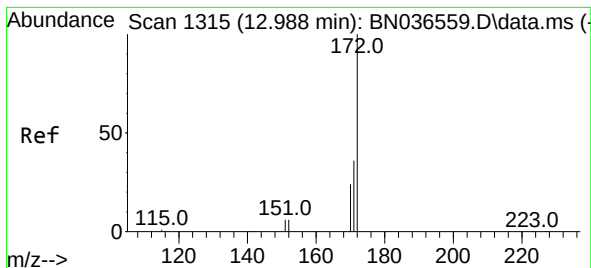
Tgt Ion:164 Resp: 4100
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 53.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

Tgt Ion:330 Resp: 505
Ion Ratio Lower Upper
330 100
332 92.7 75.2 112.8
141 55.0 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.253 ng

RT: 12.978 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN036654.D

Acq: 17 Mar 2025 11:38

Instrument :

BNA_N

ClientSampleId :

RE115D1-20250310DL

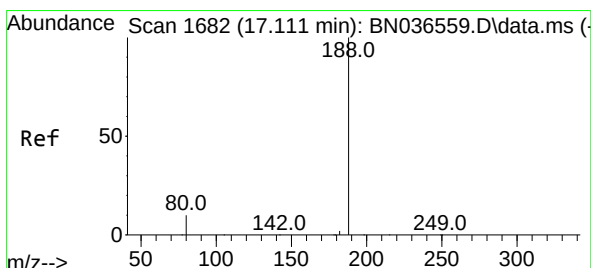
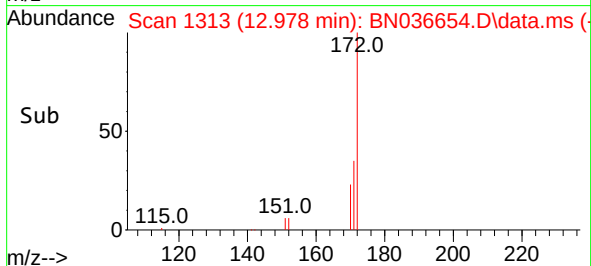
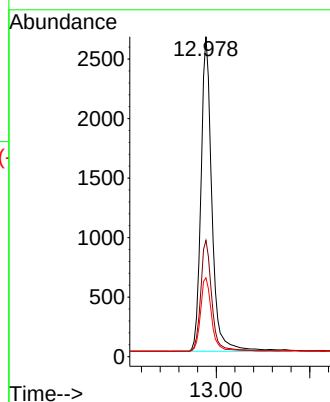
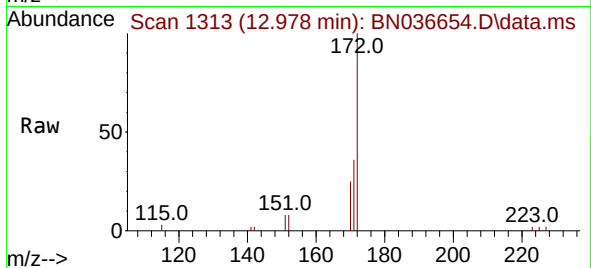
Tgt Ion:172 Resp: 6044

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

170 24.7 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN036654.D

Acq: 17 Mar 2025 11:38

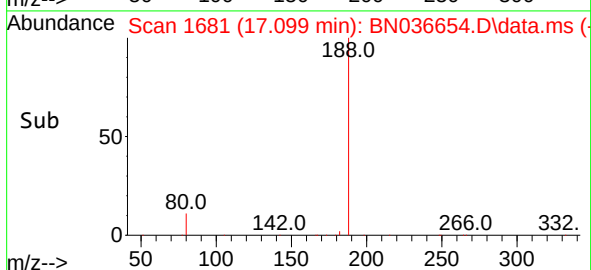
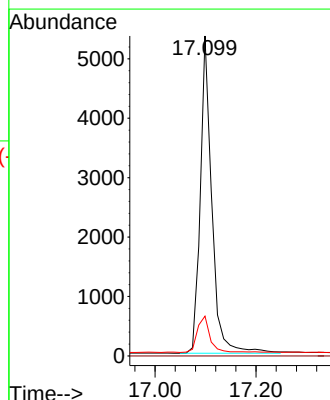
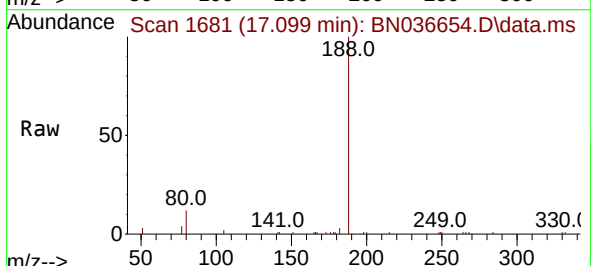
Tgt Ion:188 Resp: 8497

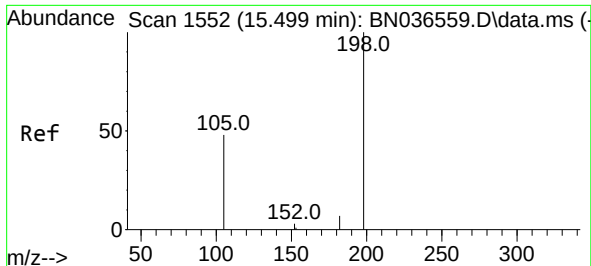
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 8.8 13.2

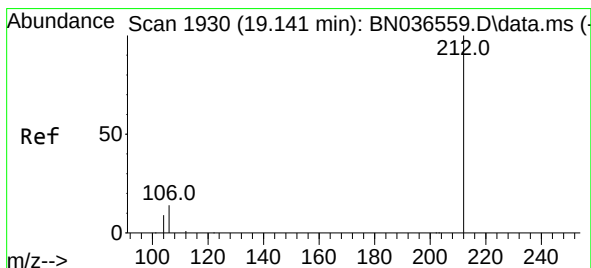
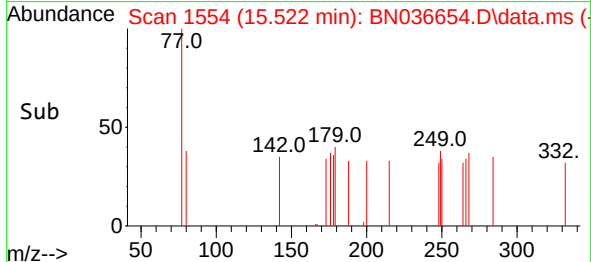
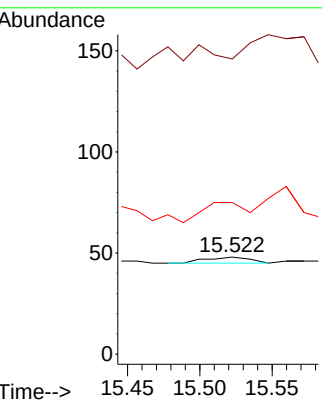
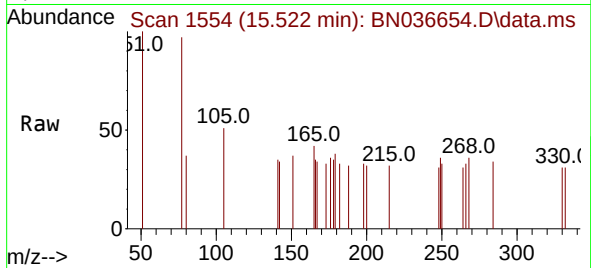




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.522 min Scan# 11
Delta R.T. 0.023 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

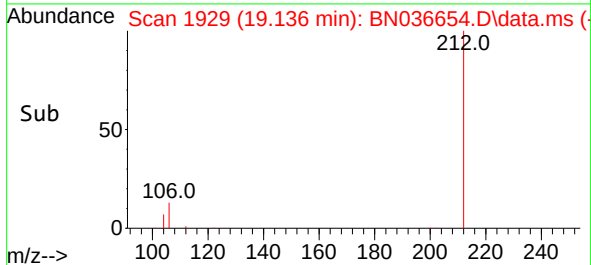
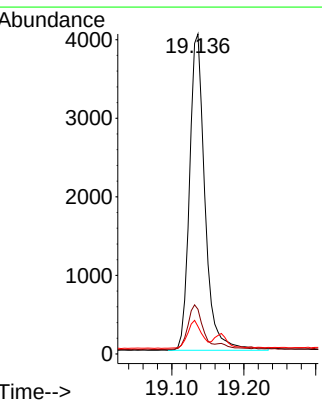
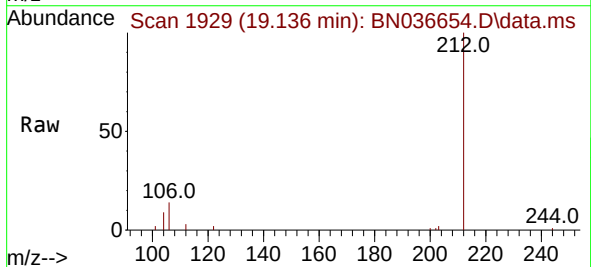
Instrument :
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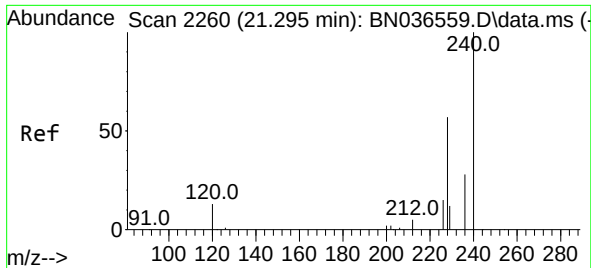
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 304.2 107.9 161.9#
105 156.3 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

Tgt Ion:212 Resp: 5984
Ion Ratio Lower Upper
212 100
106 13.6 11.8 17.6
104 8.0 7.3 10.9

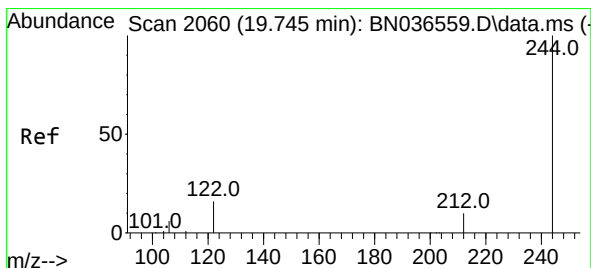
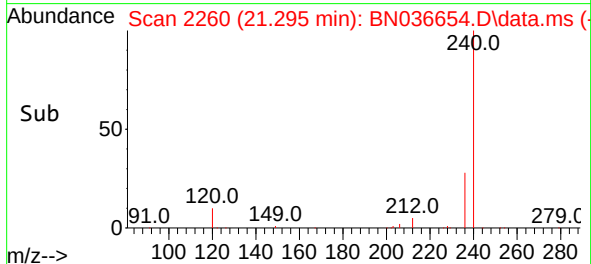
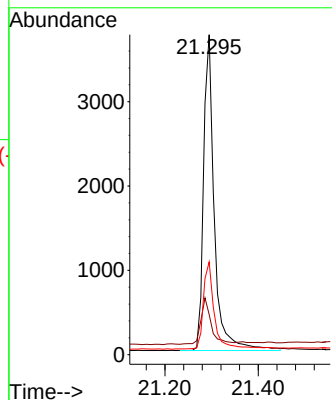
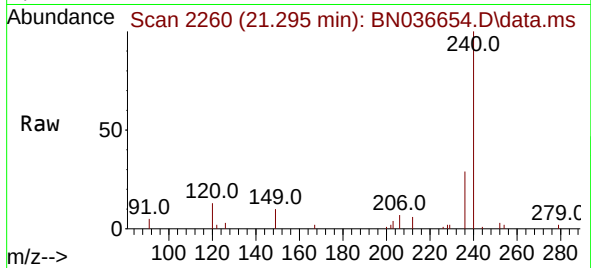




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

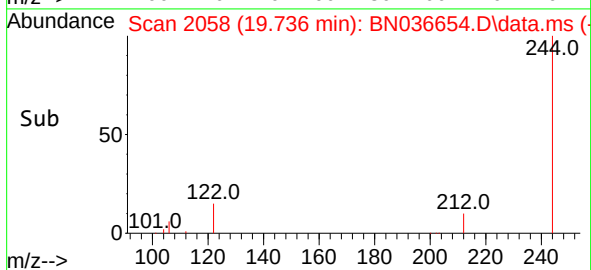
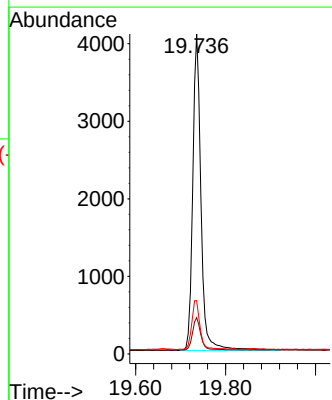
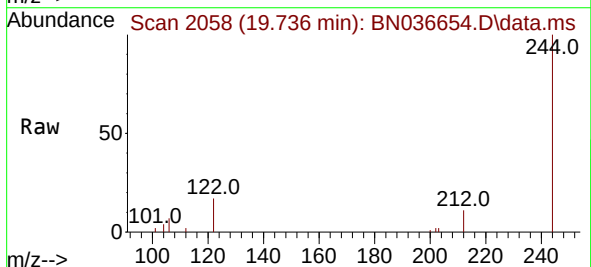
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310DL

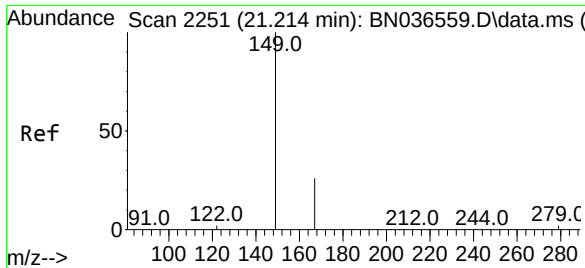
Tgt Ion:240 Resp: 6025
Ion Ratio Lower Upper
240 100
120 12.6 14.6 22.0#
236 29.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036654.D
Acq: 17 Mar 2025 11:38

Tgt Ion:244 Resp: 5191
Ion Ratio Lower Upper
244 100
212 11.3 9.6 14.4
122 16.7 13.9 20.9

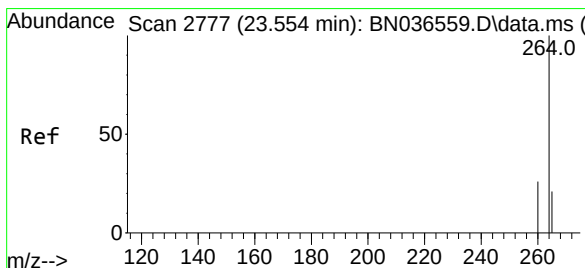
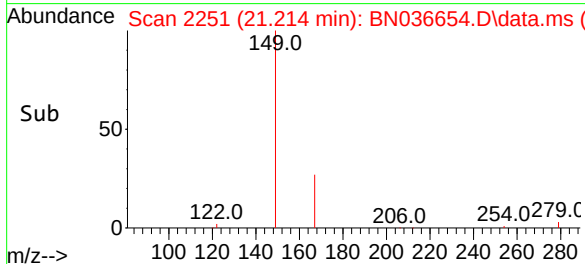
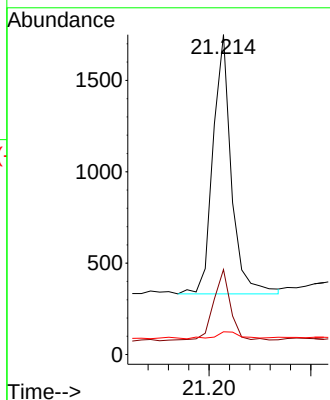
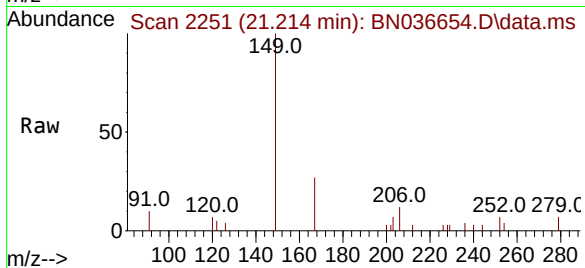




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.214 min Scan# 2115
 Delta R.T. 0.000 min
 Lab File: BN036654.D
 Acq: 17 Mar 2025 11:38

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310DL

Tgt Ion:149 Resp: 1776
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.7 31.1
 279 3.8 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.545 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036654.D
 Acq: 17 Mar 2025 11:38

Tgt Ion:264 Resp: 4865
 Ion Ratio Lower Upper
 264 100
 260 26.6 22.6 33.8
 265 69.8 88.1 132.1#

