

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036626.D
 Acq On : 15 Mar 2025 03:05
 Operator : RC/JU
 Sample : Q1559-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310

Quant Time: Mar 15 03:33:26 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)

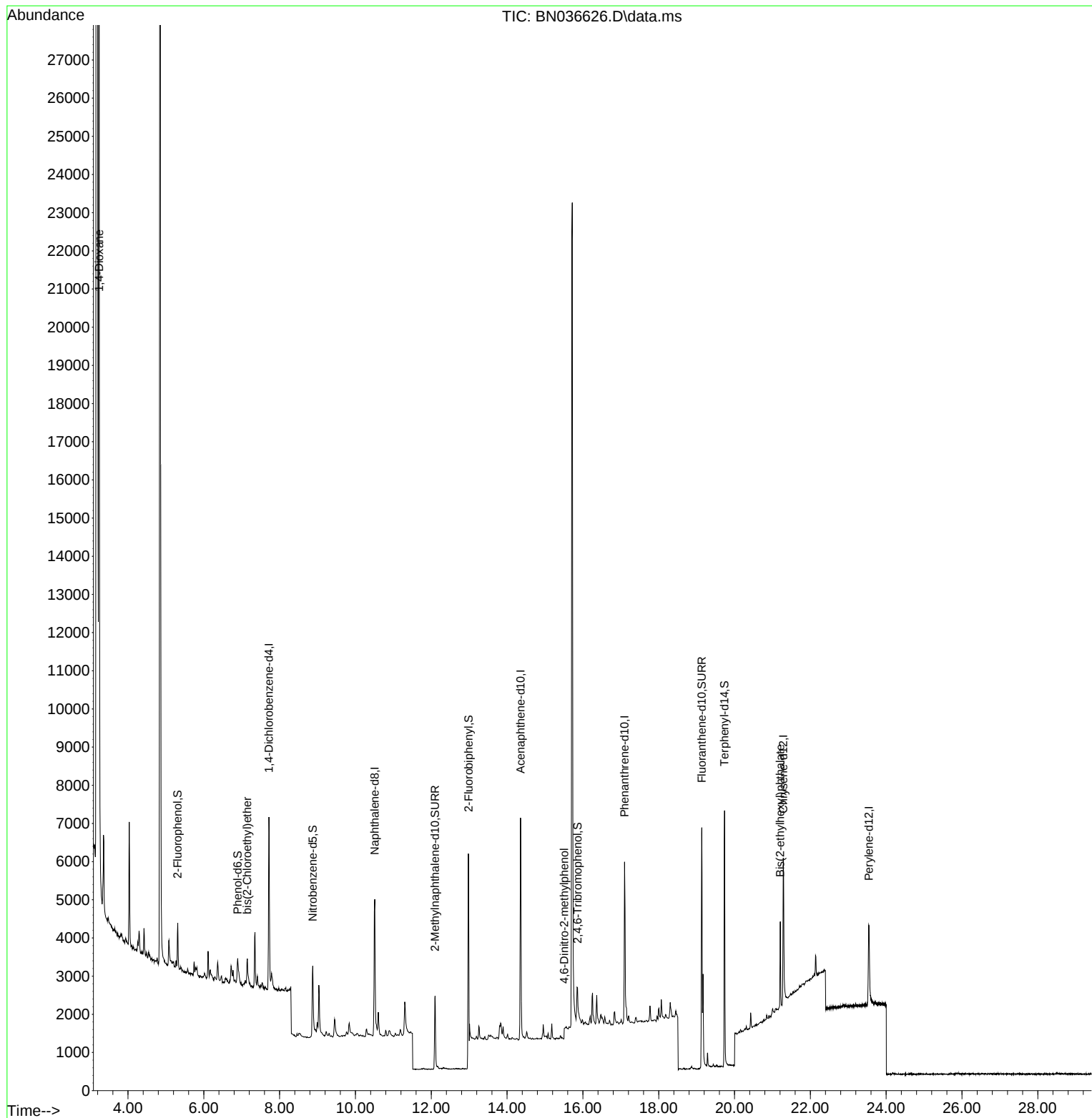
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2191	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5291	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	3194	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6429	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4478	0.400	ng	0.00
35) Perylene-d12	23.543	264	3365	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	819	0.160	ng	0.00
5) Phenol-d6	6.894	99	554	0.088	ng	0.00
8) Nitrobenzene-d5	8.875	82	1985	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2980	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	617	0.426	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7689	0.414	ng	0.00
27) Fluoranthene-d10	19.137	212	7560	0.459	ng	0.00
31) Terphenyl-d14	19.736	244	6472	0.603	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	16145	6.643	ng	97
6) bis(2-Chloroethyl)ether	7.147	93	523	0.080	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.510	198	8	0.151	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	2117	0.191	ng	# 99

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

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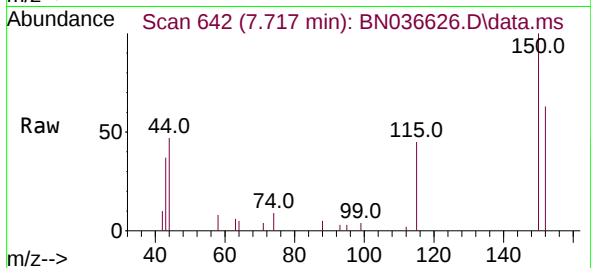
Quant Time: Mar 15 03:33:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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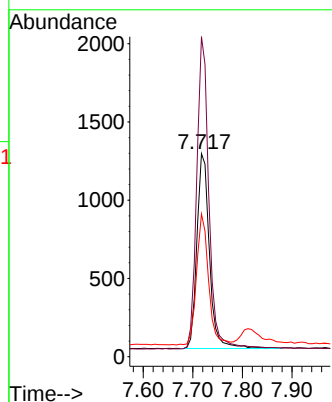
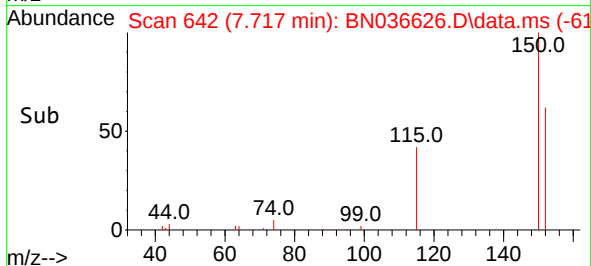


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310

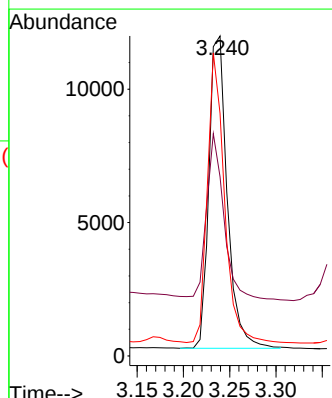
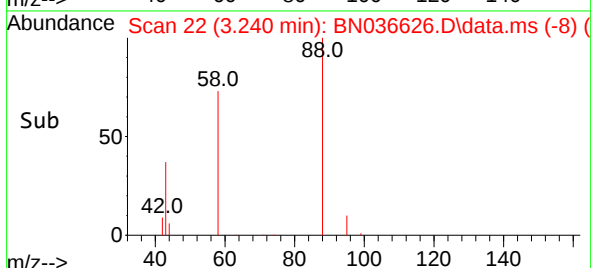
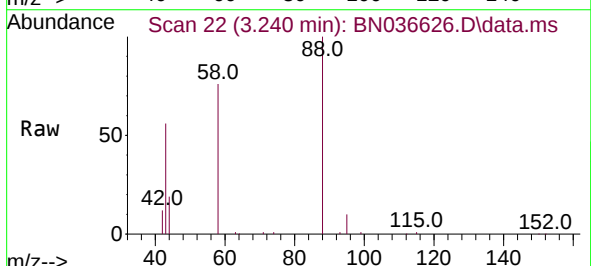


Tgt Ion:152 Resp: 2191
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 70.3 54.3 81.5



#2
1,4-Dioxane
Concen: 6.643 ng
RT: 3.240 min Scan# 22
Delta R.T. 0.001 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion: 88 Resp: 16145
Ion Ratio Lower Upper
88 100
43 50.1 37.8 56.8
58 85.8 67.4 101.2

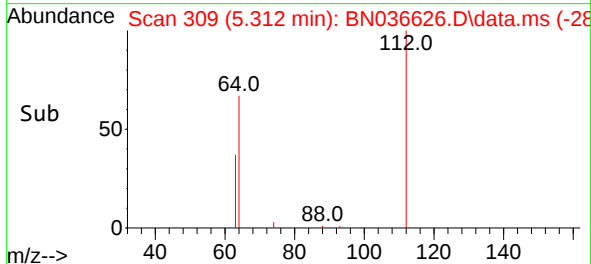
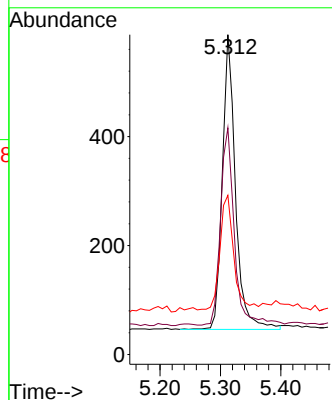
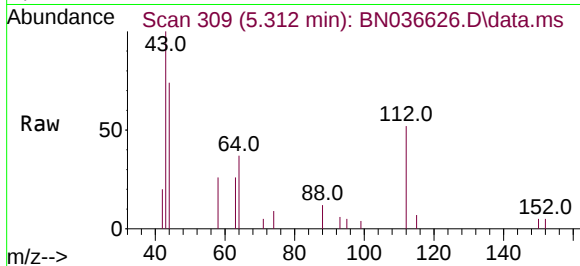




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

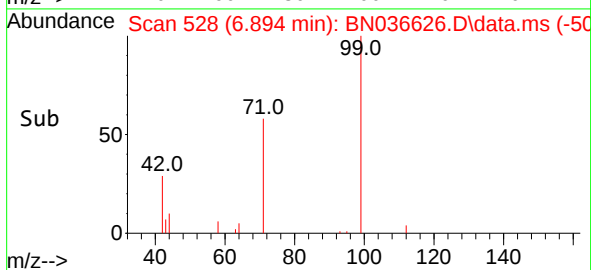
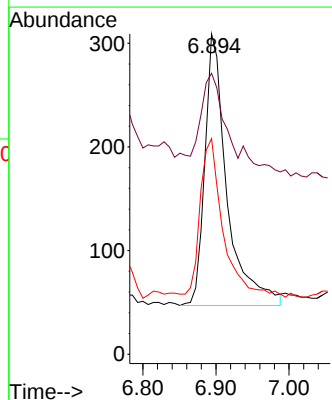
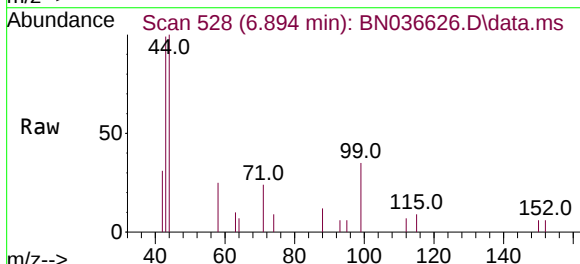
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310

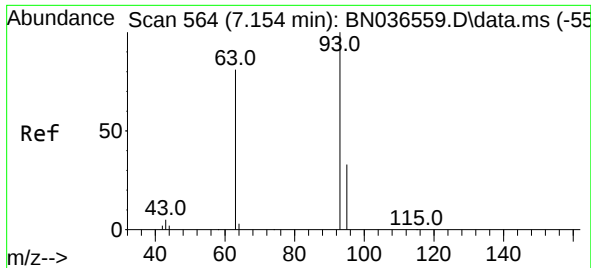
Tgt Ion:112 Resp: 819
Ion Ratio Lower Upper
112 100
64 70.3 53.1 79.7
63 41.5 31.8 47.8



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion: 99 Resp: 554
Ion Ratio Lower Upper
99 100
42 50.4 26.5 39.7#
71 60.3 34.1 51.1#

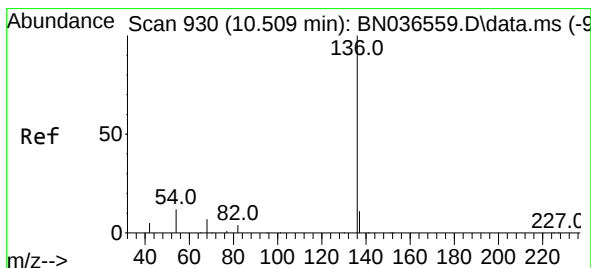
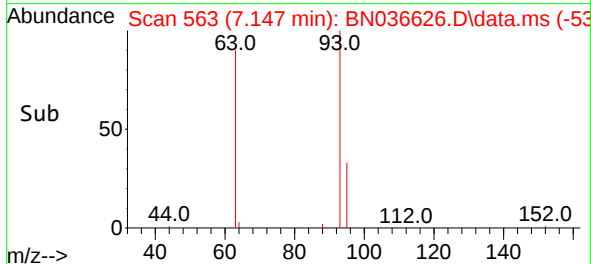
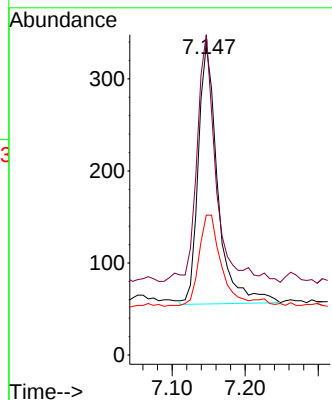
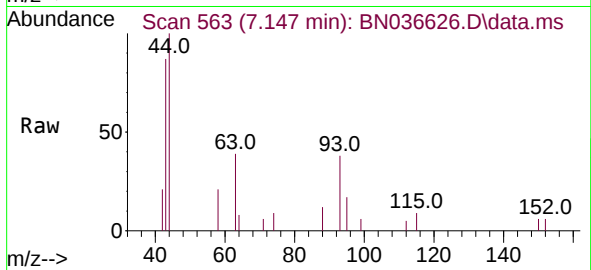




#6
bis(2-Chloroethyl)ether
Concen: 0.080 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.007 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

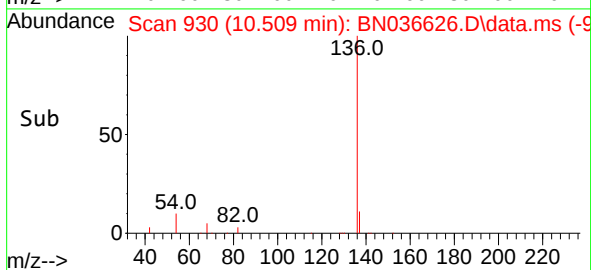
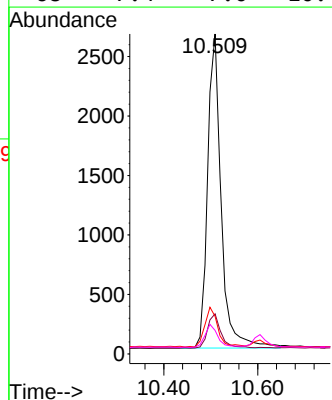
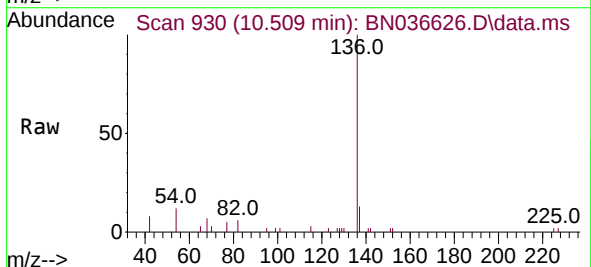
Instrument :
BNA_N
ClientSampleId :
RE115D1-20250310

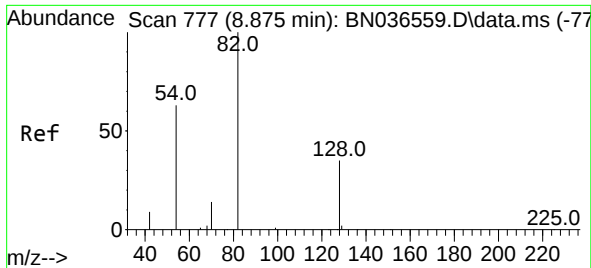
Tgt Ion: 93 Resp: 523
Ion Ratio Lower Upper
93 100
63 94.6 67.7 101.5
95 38.4 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion: 136 Resp: 5291
Ion Ratio Lower Upper
136 100
137 12.5 10.3 15.5
54 11.7 11.5 17.3
68 7.4 7.0 10.4

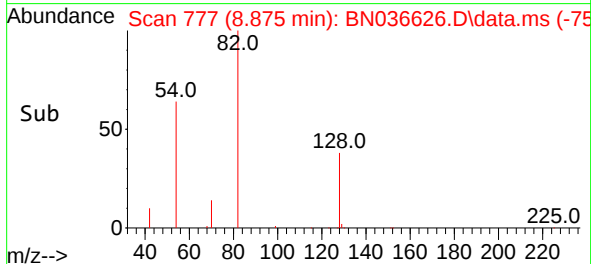
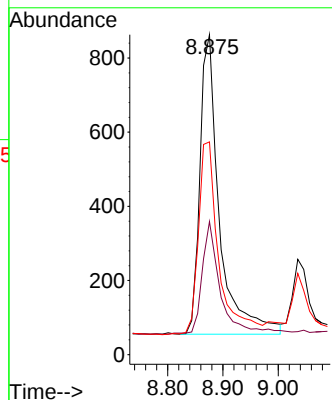
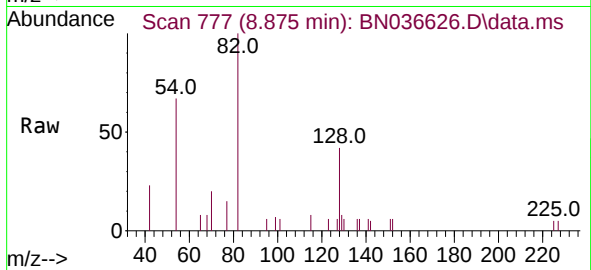




#8
 Nitrobenzene-d5
 Concen: 0.345 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

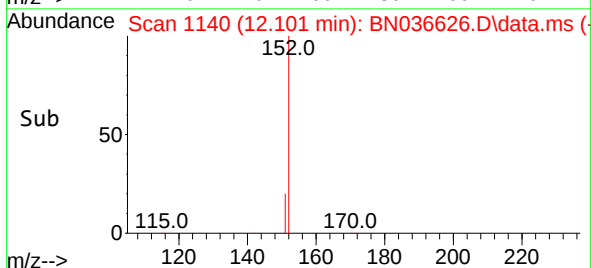
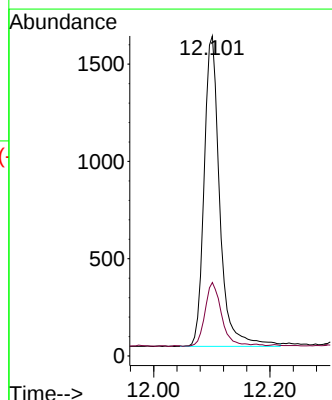
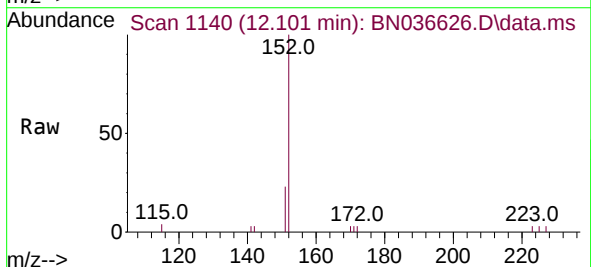
Instrument :
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 ClientSampleId :
 RE115D1-20250310

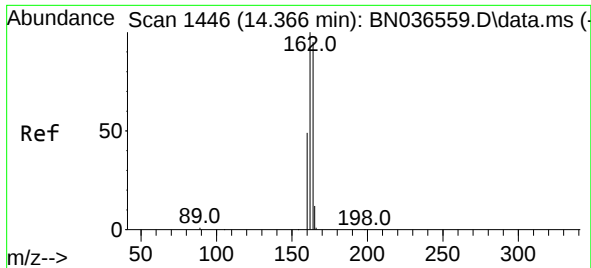
Tgt Ion: 82 Resp: 1985
 Ion Ratio Lower Upper
 82 100
 128 41.6 30.6 45.8
 54 66.5 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

Tgt Ion: 152 Resp: 2980
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.0 25.6

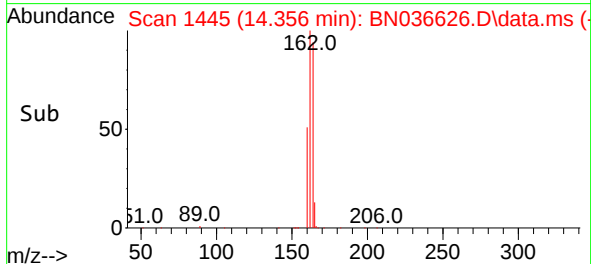
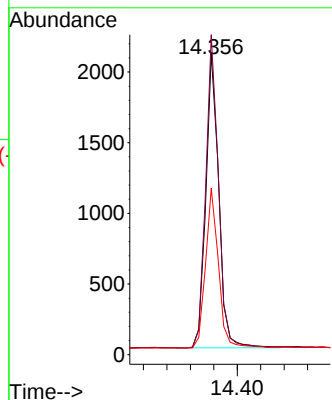
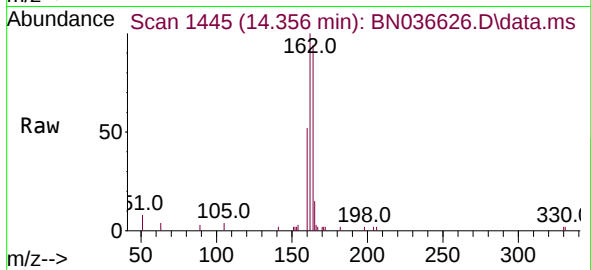




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1446
Delta R.T. -0.010 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

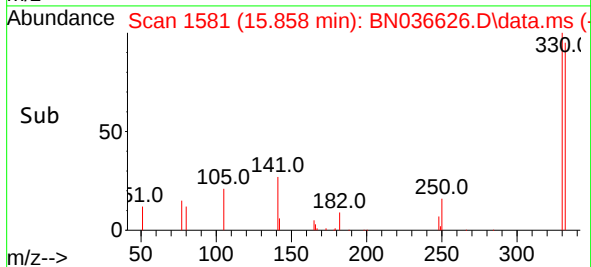
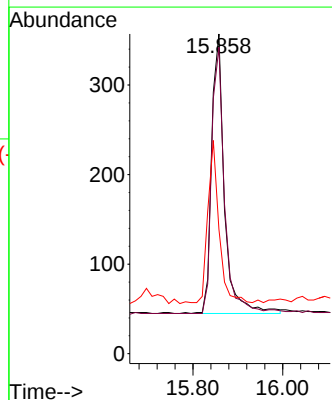
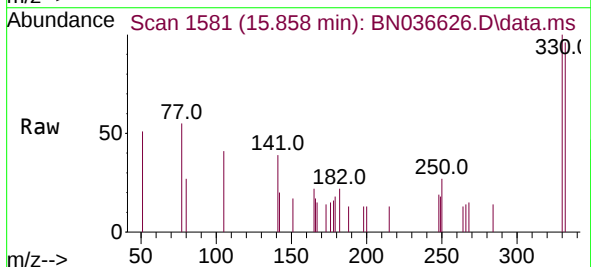
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RE115D1-20250310

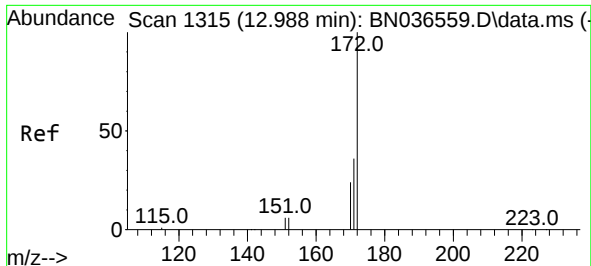
Tgt Ion:164 Resp: 3194
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 55.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:330 Resp: 617
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 50.2 43.4 65.2

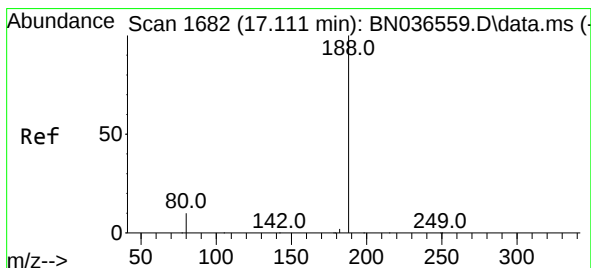
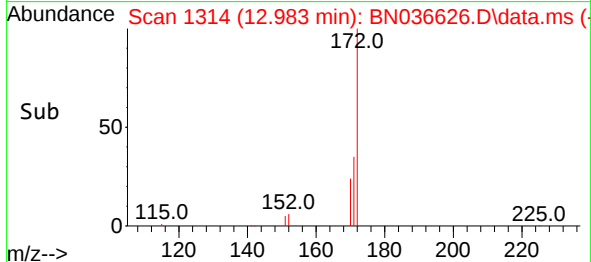
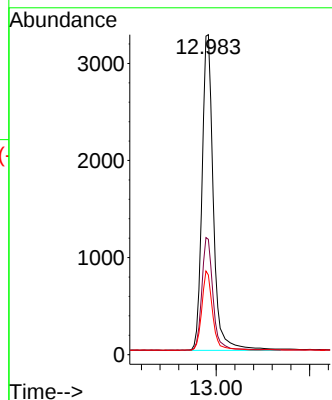
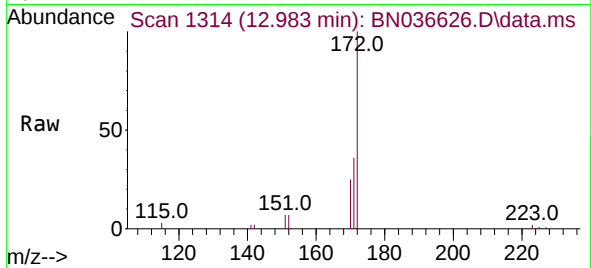




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

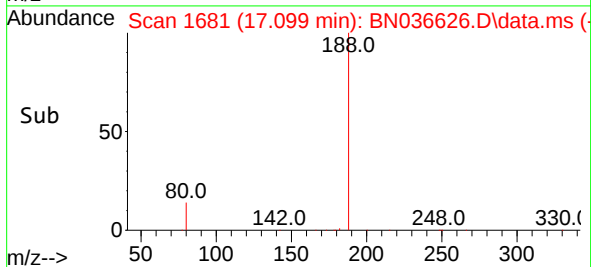
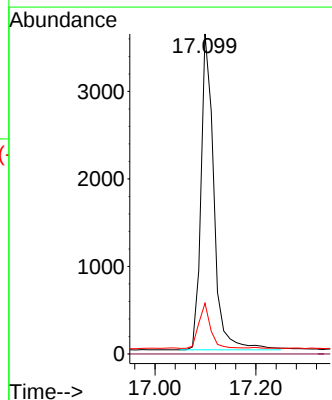
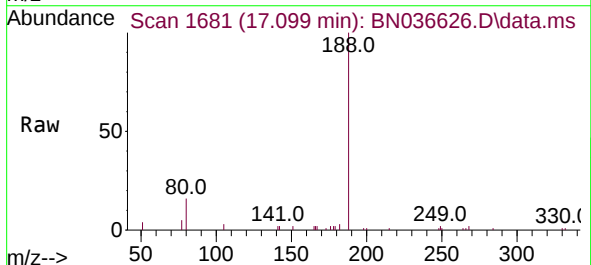
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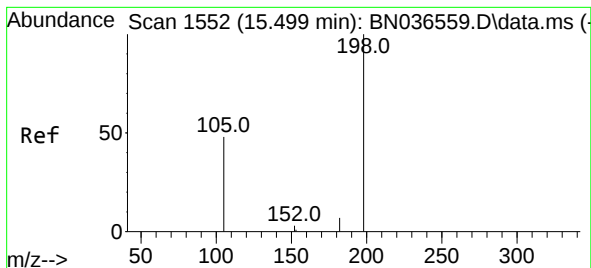
Tgt Ion:172 Resp: 7689
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 24.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:188 Resp: 6429
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 8.8 13.2#

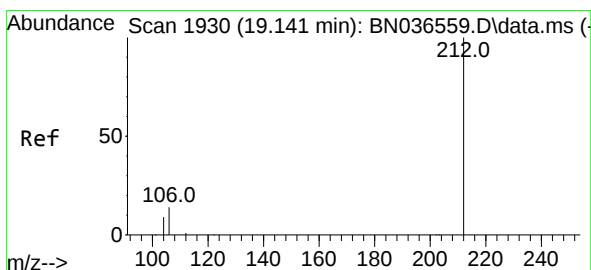
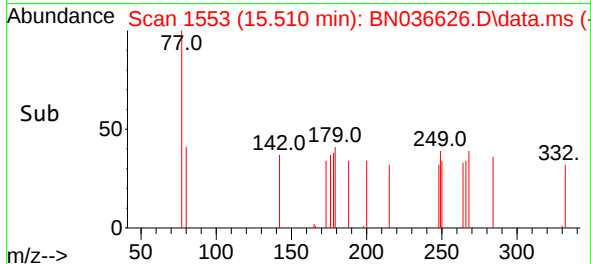
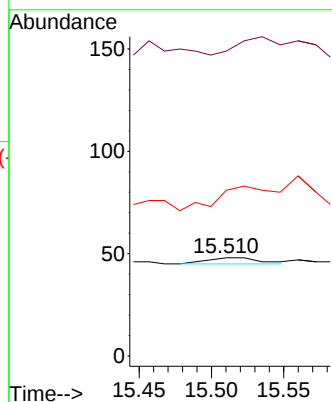
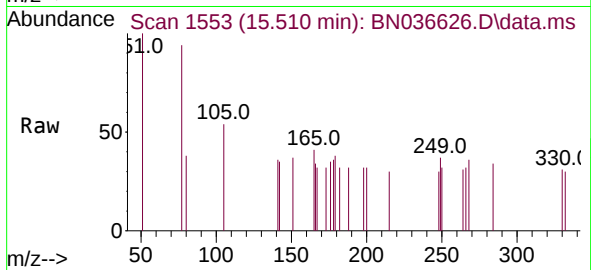




#20
4,6-Dinitro-2-methylphenol
Concen: 0.151 ng
RT: 15.510 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

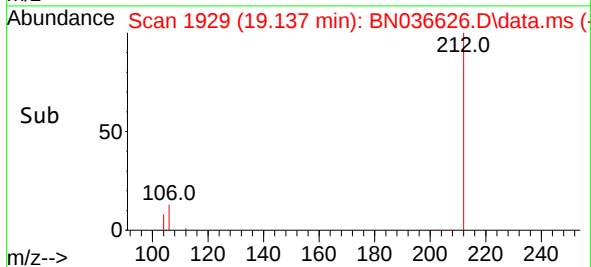
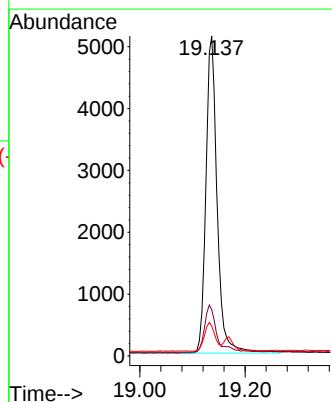
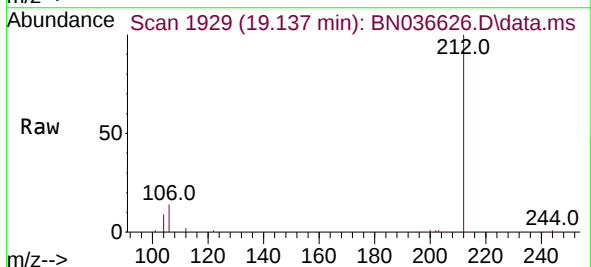
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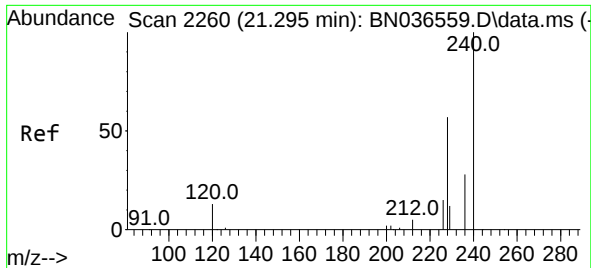
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 310.4 107.9 161.9#
105 168.8 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.137 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:212 Resp: 7560
Ion Ratio Lower Upper
212 100
106 16.5 11.8 17.6
104 8.8 7.3 10.9

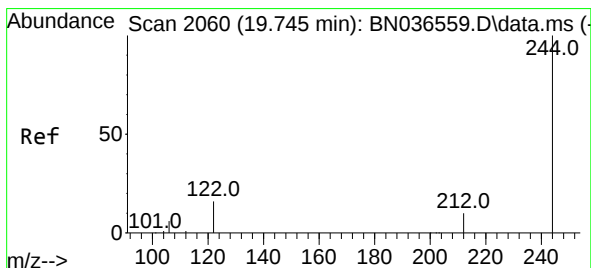
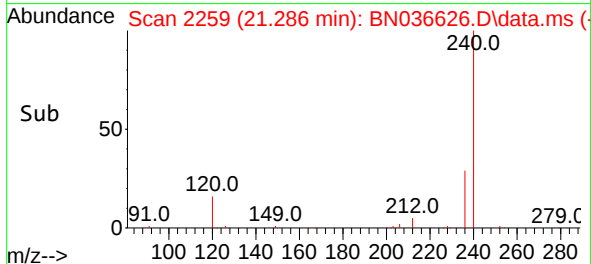
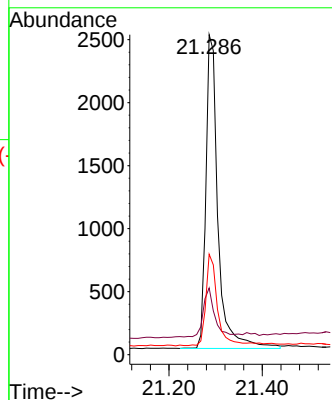
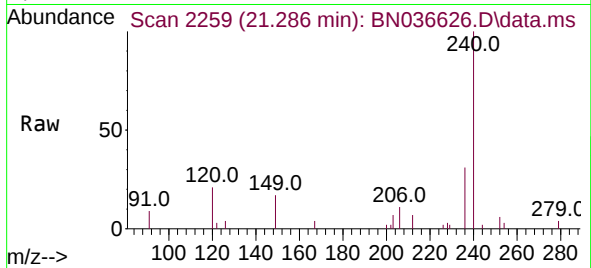




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

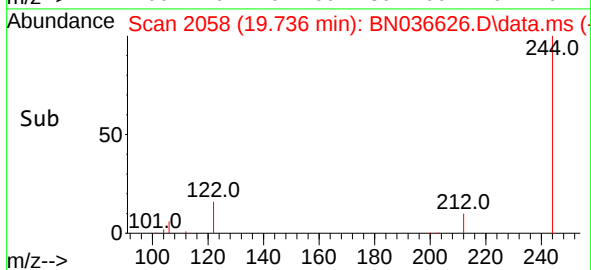
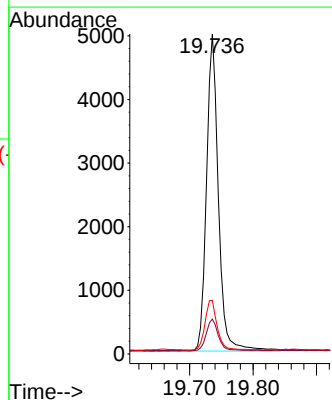
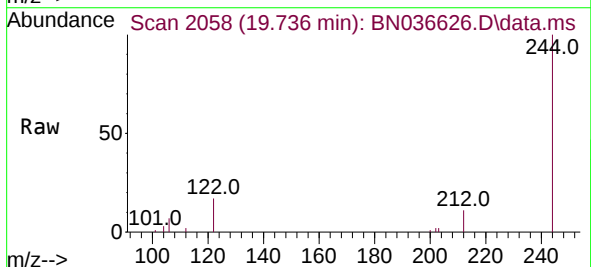
Instrument :
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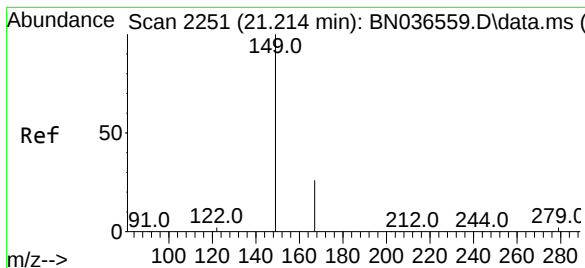
Tgt Ion:240 Resp: 4478
Ion Ratio Lower Upper
240 100
120 20.8 14.6 22.0
236 31.4 24.1 36.1



#31
Terphenyl-d14
Concen: 0.603 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036626.D
Acq: 15 Mar 2025 03:05

Tgt Ion:244 Resp: 6472
Ion Ratio Lower Upper
244 100
212 10.9 9.6 14.4
122 16.8 13.9 20.9

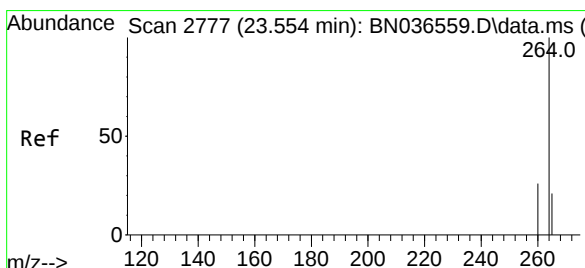
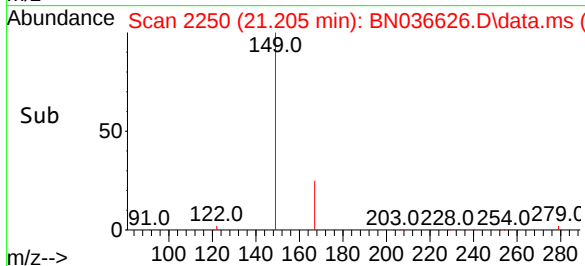
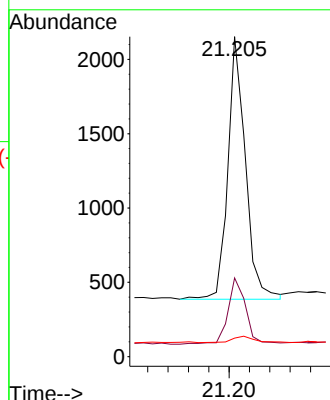
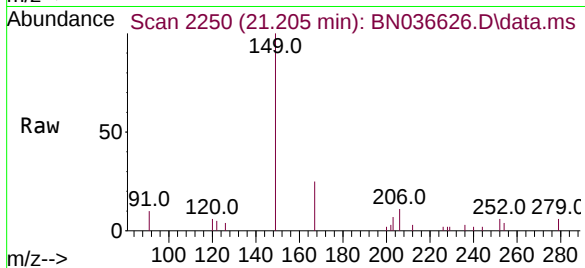




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.191 ng
 RT: 21.205 min Scan# 2117
 Delta R.T. -0.009 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20250310

Tgt Ion:149 Resp: 2117
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.7 31.1
 279 2.9 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 2773
 Delta R.T. -0.011 min
 Lab File: BN036626.D
 Acq: 15 Mar 2025 03:05

Tgt Ion:264 Resp: 3365
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.6 33.8
 265 106.1 88.1 132.1

