

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036750.D
 Acq On : 27 Mar 2025 22:51
 Operator : RC/JU
 Sample : Q1608-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20250318

Quant Time: Mar 28 00:59:06 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)

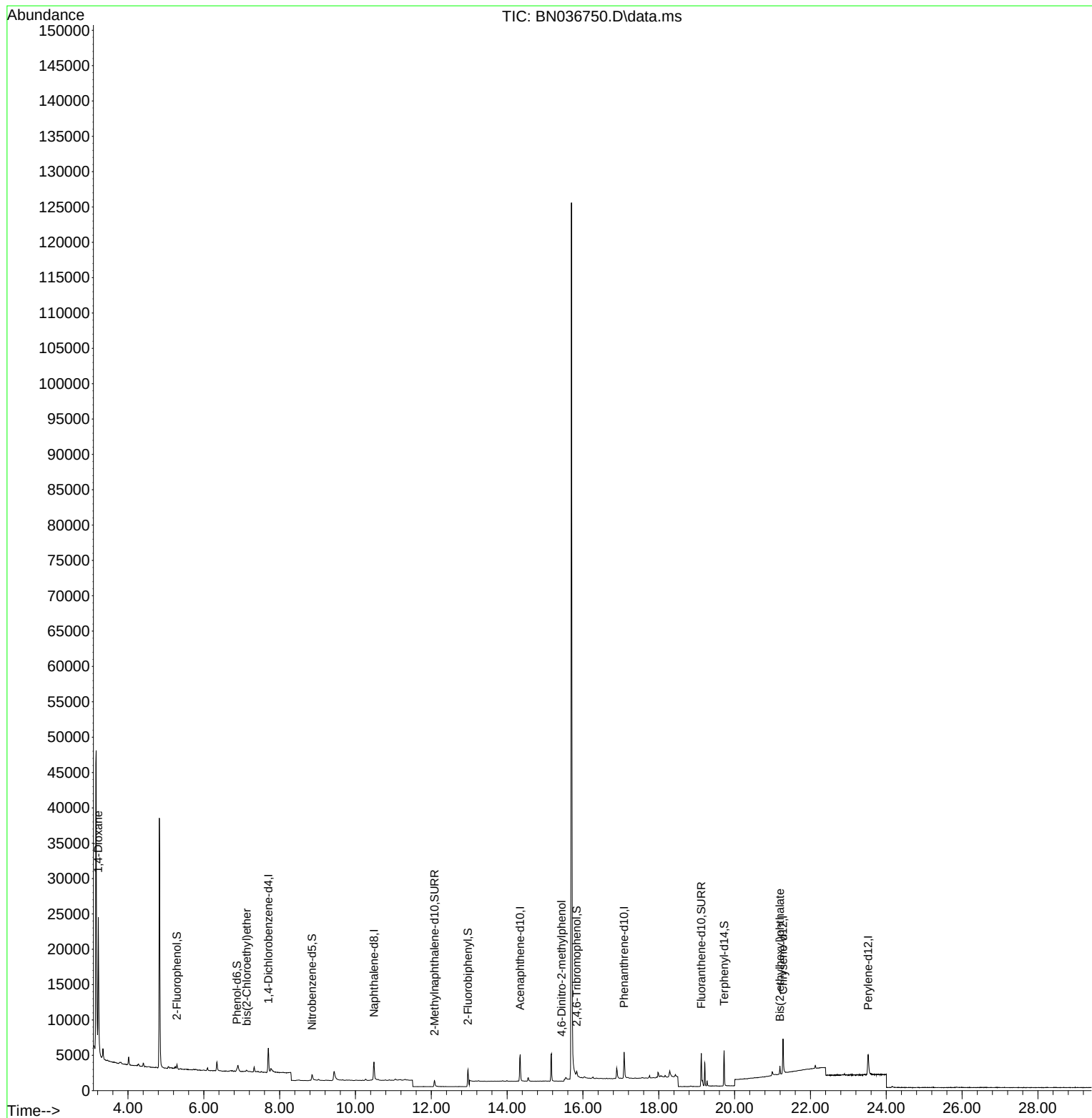
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1585	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3885	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2369	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5421	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4977	0.400	ng	-0.02
35) Perylene-d12	23.522	264	4460	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	455	0.123	ng	-0.02
5) Phenol-d6	6.872	99	340	0.075	ng	-0.03
8) Nitrobenzene-d5	8.854	82	999	0.236	ng	-0.02
11) 2-Methylnaphthalene-d10	12.085	152	1563	0.270	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	388	0.361	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	3673	0.267	ng	-0.02
27) Fluoranthene-d10	19.122	212	5673	0.408	ng	-0.02
31) Terphenyl-d14	19.722	244	4849	0.407	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	10029	5.704	ng	97
6) bis(2-Chloroethyl)ether	7.132	93	130	0.028	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.435	198	6	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	1041	0.084	ng	98

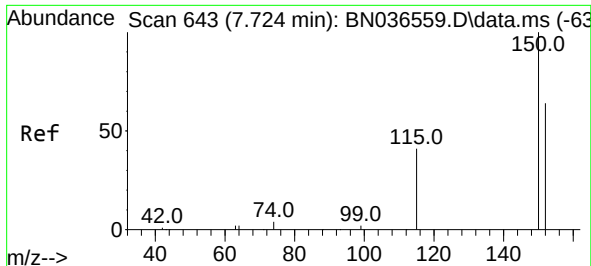
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
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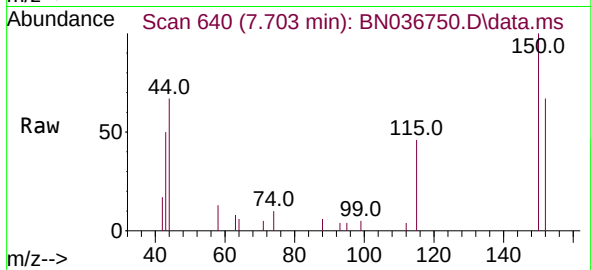
Quant Time: Mar 28 00:59:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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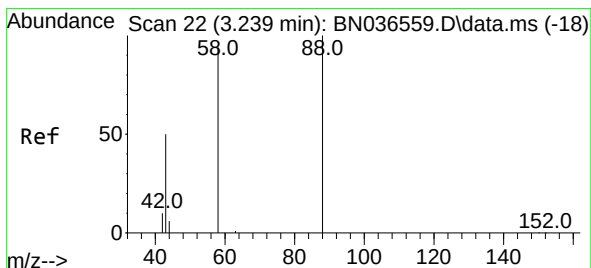
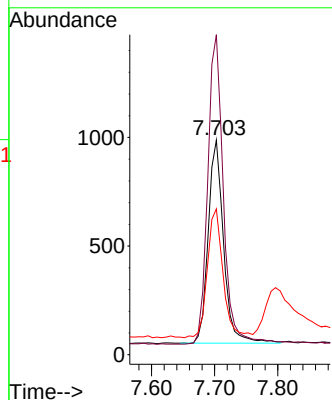
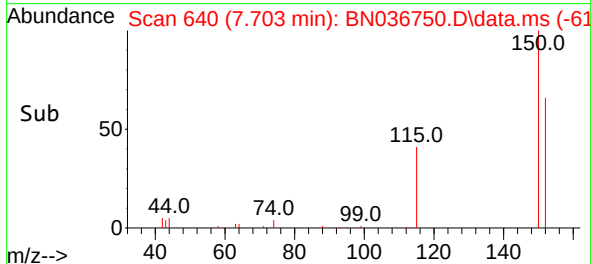


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036750.D
 Acq: 27 Mar 2025 22:51

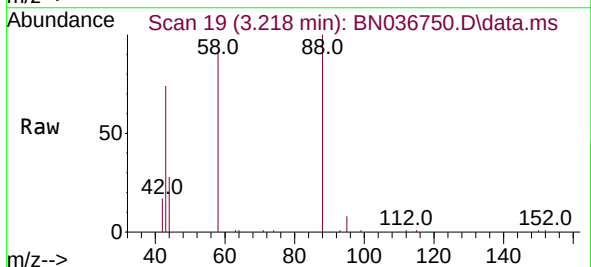
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20250318



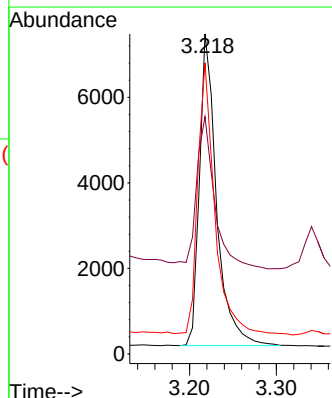
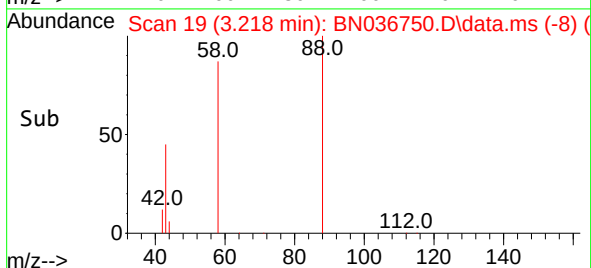
Tgt Ion:152 Resp: 1585
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.7 185.5
 115 67.9 54.3 81.5

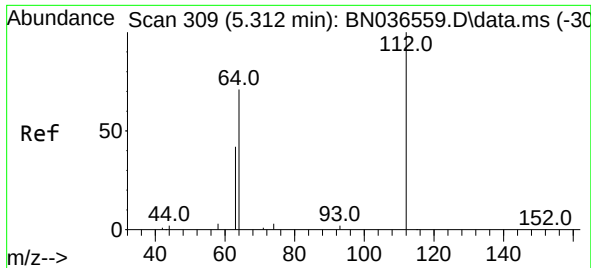


#2
 1,4-Dioxane
 Concen: 5.704 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036750.D
 Acq: 27 Mar 2025 22:51



Tgt Ion: 88 Resp: 10029
 Ion Ratio Lower Upper
 88 100
 43 51.8 37.8 56.8
 58 84.9 67.4 101.2

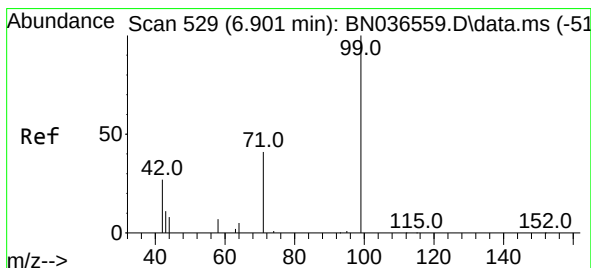
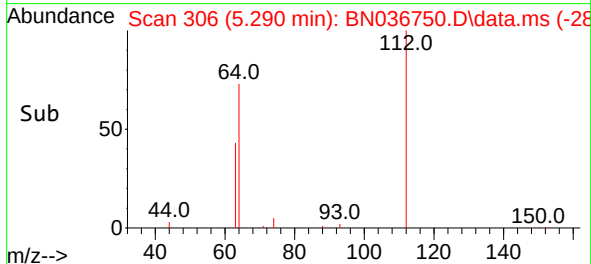
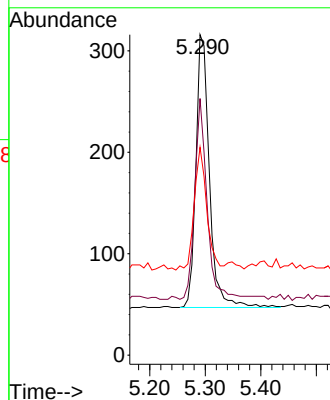
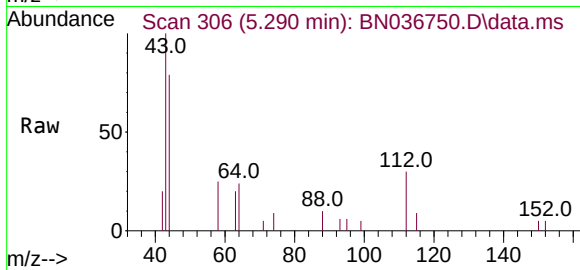




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

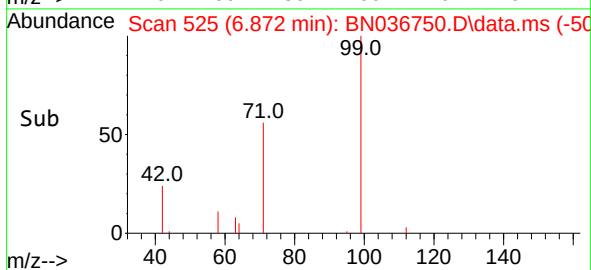
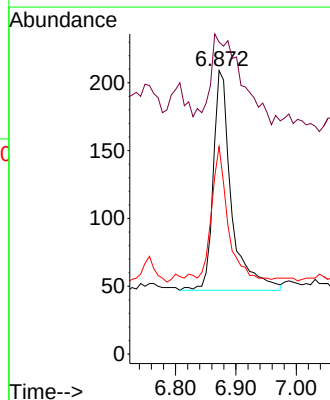
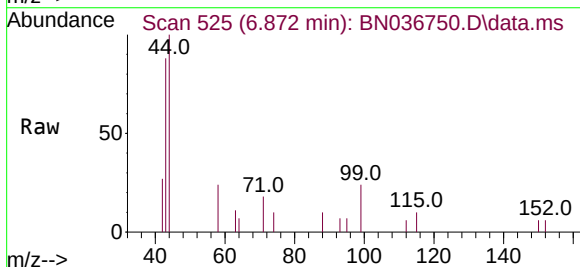
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318

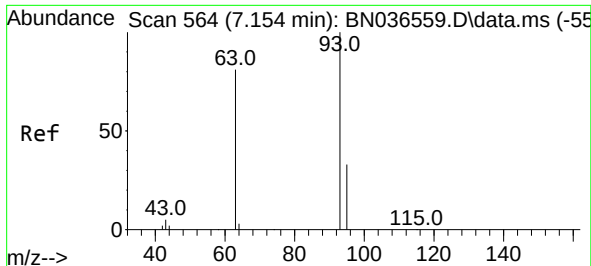
Tgt Ion:112 Resp: 455
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 41.5 31.8 47.8



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

Tgt Ion: 99 Resp: 340
Ion Ratio Lower Upper
99 100
42 67.6 26.5 39.7#
71 55.0 34.1 51.1#

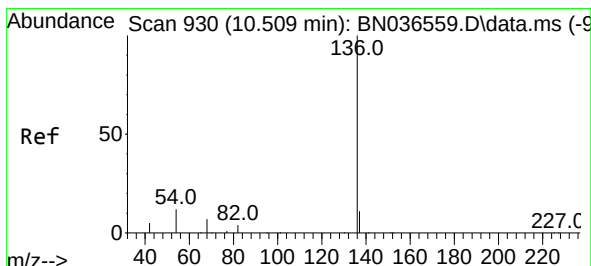
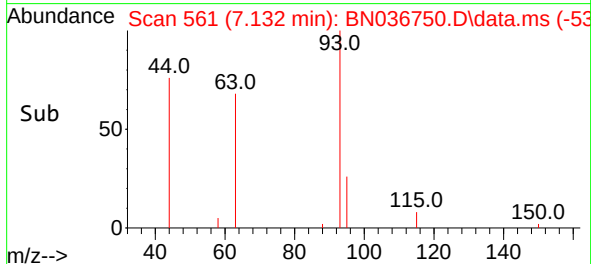
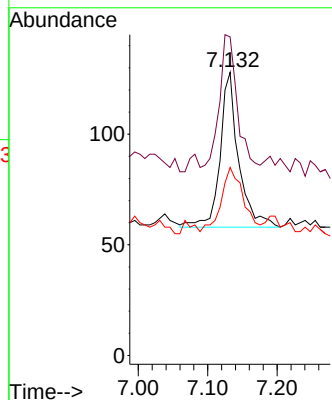
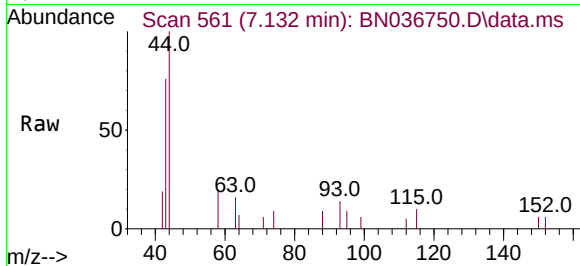




#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

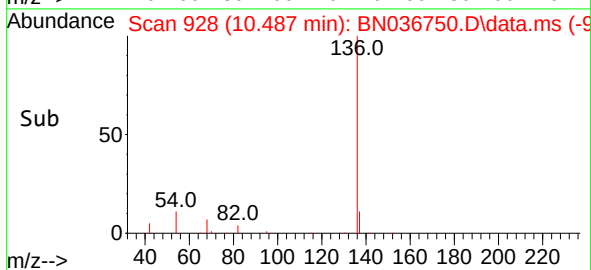
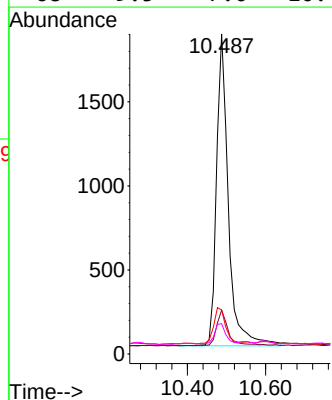
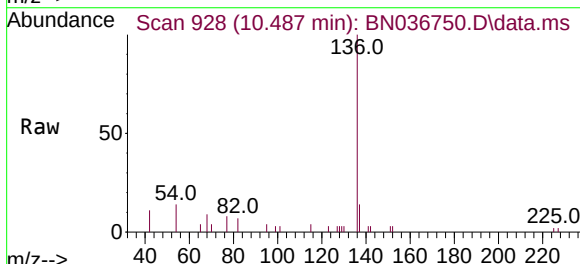
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318

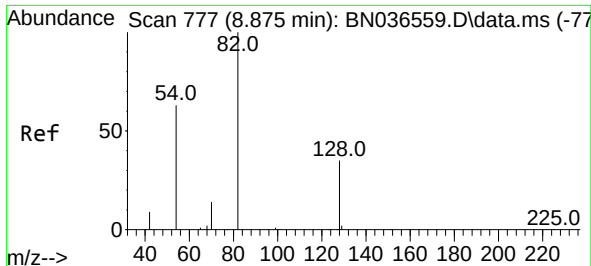
Tgt Ion: 93 Resp: 130
Ion Ratio Lower Upper
93 100
63 90.0 67.7 101.5
95 52.3 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

Tgt Ion:136 Resp: 3885
Ion Ratio Lower Upper
136 100
137 13.7 10.3 15.5
54 13.7 11.5 17.3
68 9.5 7.0 10.4

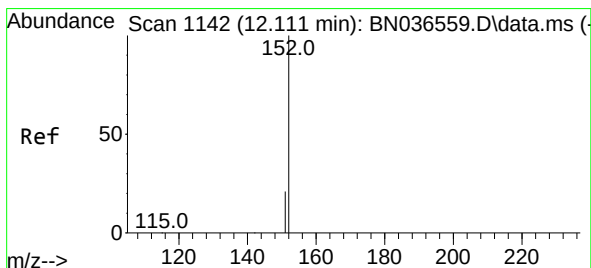
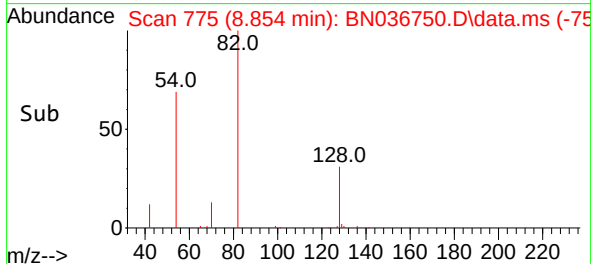
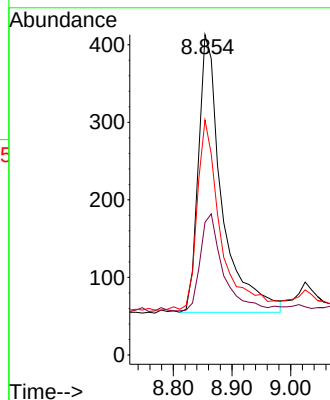
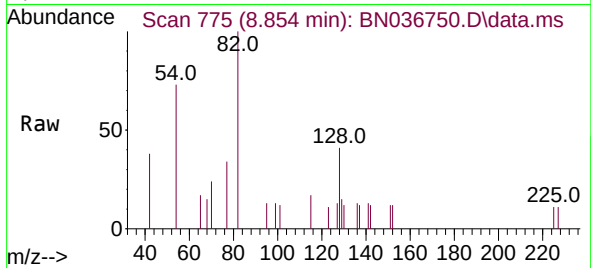




#8
 Nitrobenzene-d5
 Concen: 0.236 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036750.D
 Acq: 27 Mar 2025 22:51

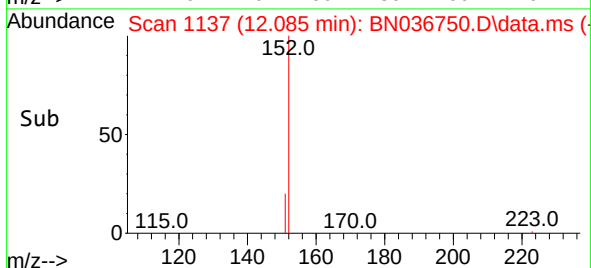
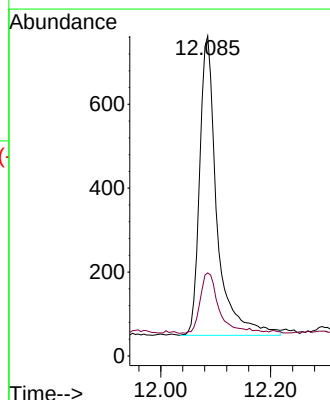
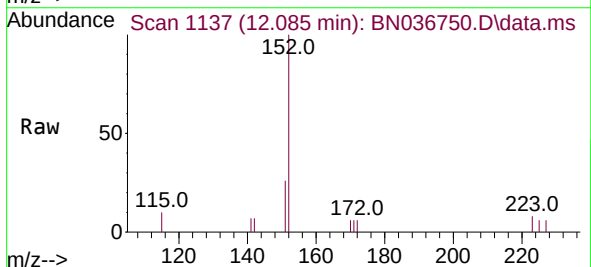
Instrument :
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 ClientSampleId :
 RE132D5-20250318

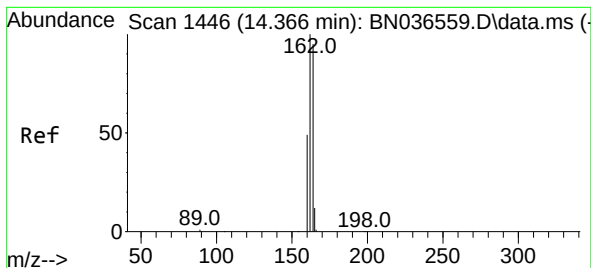
Tgt Ion: 82 Resp: 999
 Ion Ratio Lower Upper
 82 100
 128 41.4 30.6 45.8
 54 73.4 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.270 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036750.D
 Acq: 27 Mar 2025 22:51

Tgt Ion: 152 Resp: 1563
 Ion Ratio Lower Upper
 152 100
 151 22.1 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.021 min

Lab File: BN036750.D

Acq: 27 Mar 2025 22:51

Instrument :

BNA_N

ClientSampleId :

RE132D5-20250318

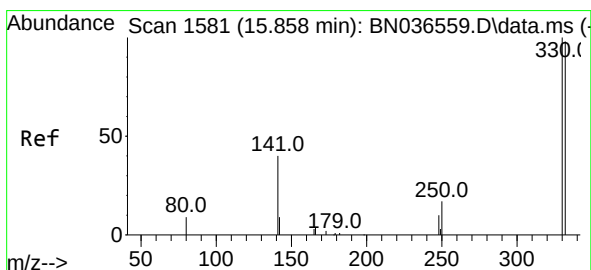
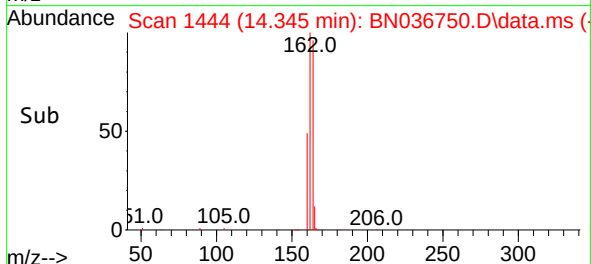
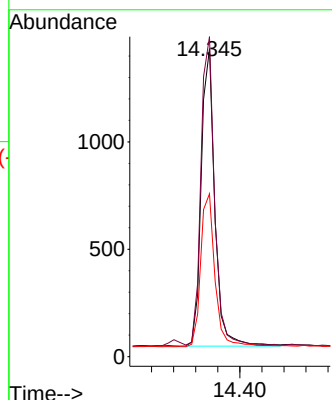
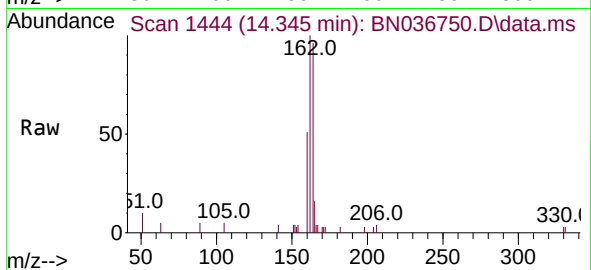
Tgt Ion:164 Resp: 2369

Ion Ratio Lower Upper

164 100

162 103.9 84.2 126.2

160 52.9 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.361 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.025 min

Lab File: BN036750.D

Acq: 27 Mar 2025 22:51

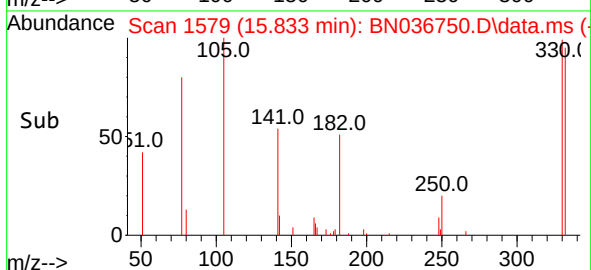
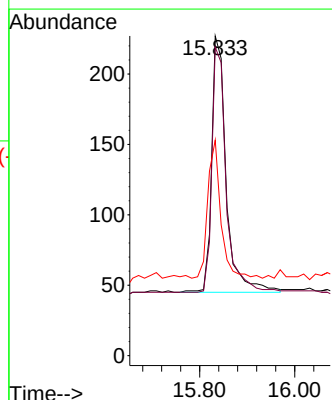
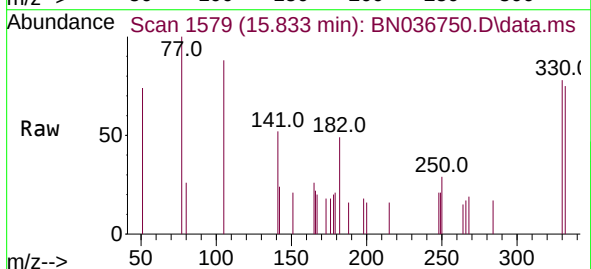
Tgt Ion:330 Resp: 388

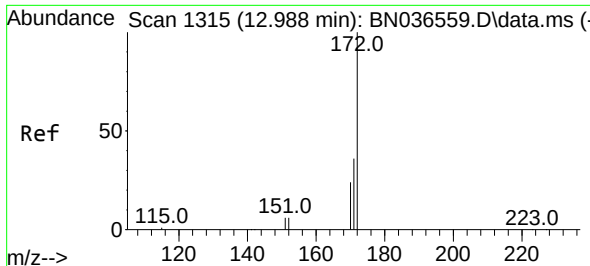
Ion Ratio Lower Upper

330 100

332 93.8 75.2 112.8

141 48.5 43.4 65.2

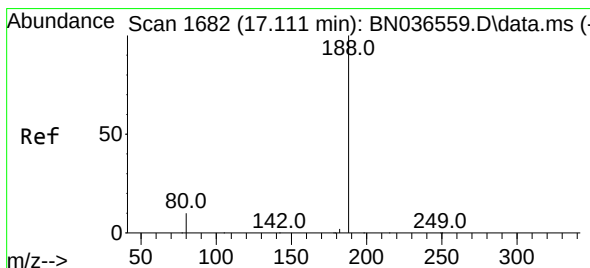
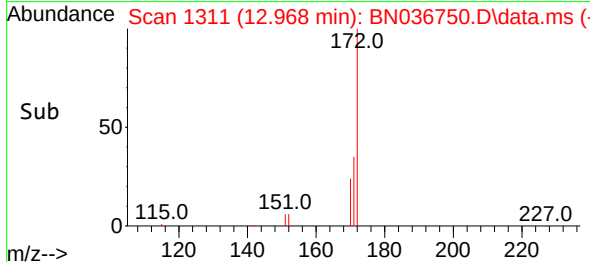
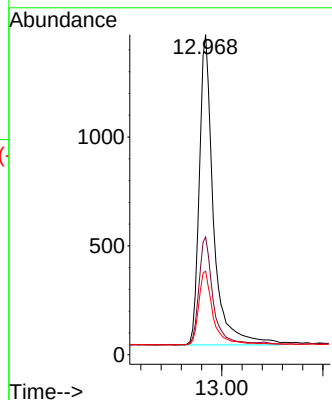
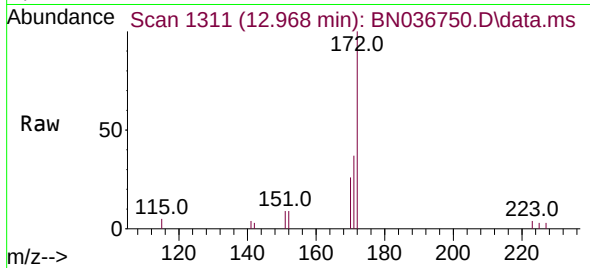




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

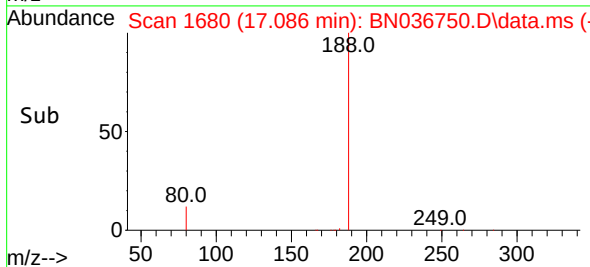
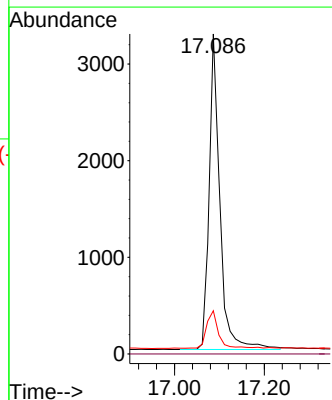
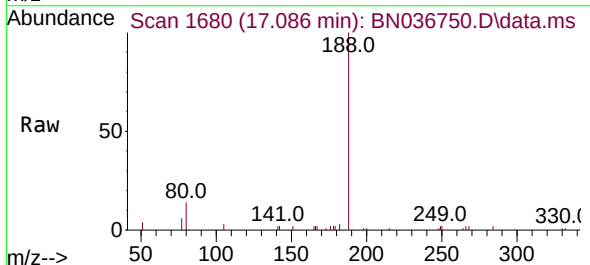
Instrument :
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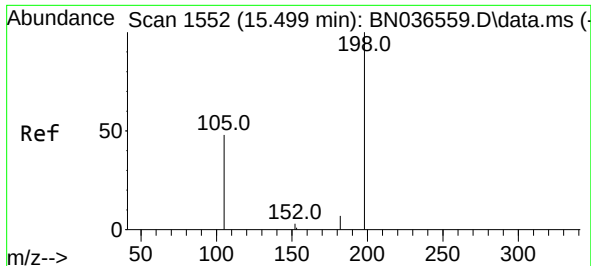
Tgt Ion:172 Resp: 3673
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 26.1 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

Tgt Ion:188 Resp: 5421
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 8.8 13.2#

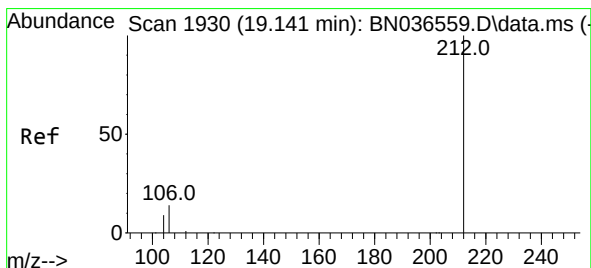
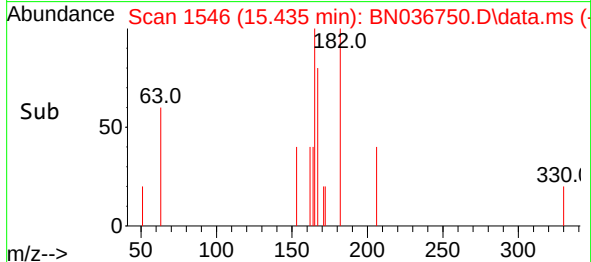
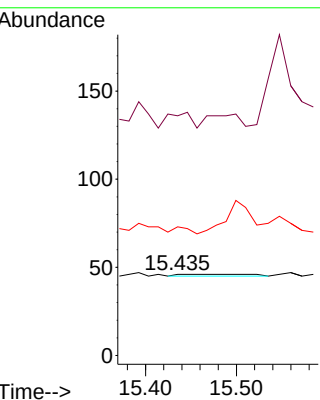
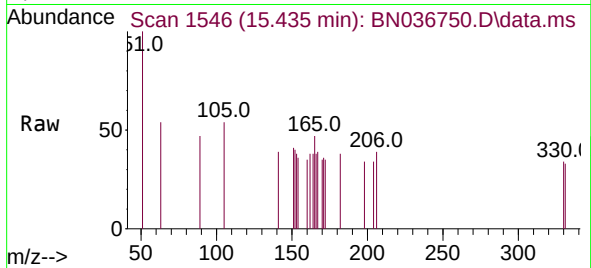




#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.435 min Scan# 11
Delta R.T. -0.064 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

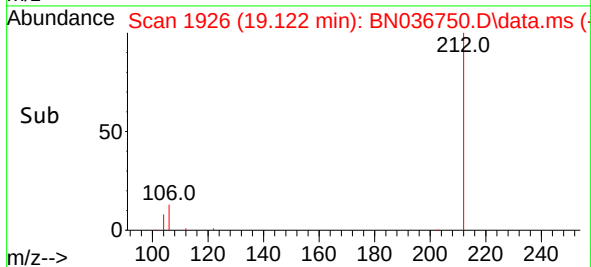
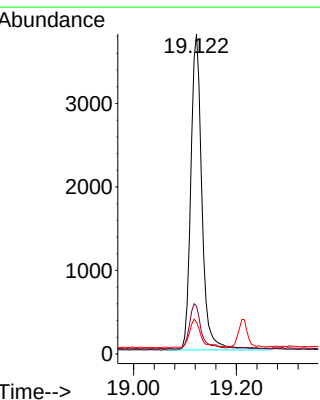
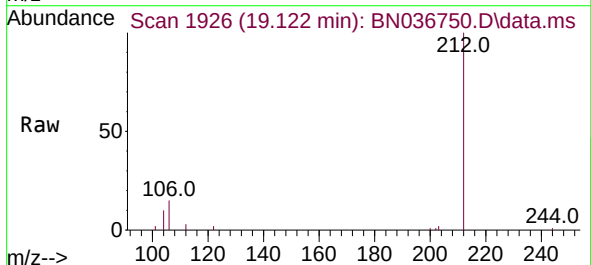
Instrument :
BNA_N
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RE132D5-20250318

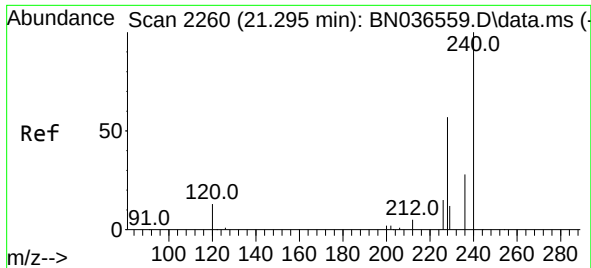
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 295.7 107.9 161.9#
105 158.7 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

Tgt Ion:212 Resp: 5673
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.6
104 9.0 7.3 10.9

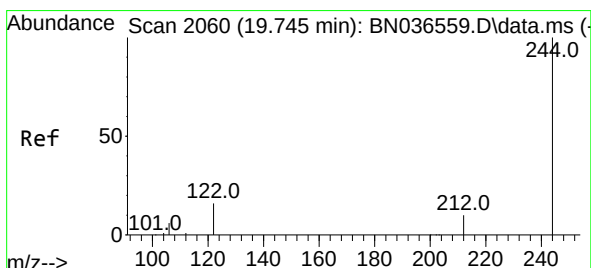
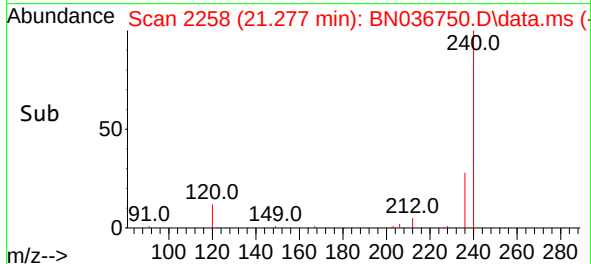
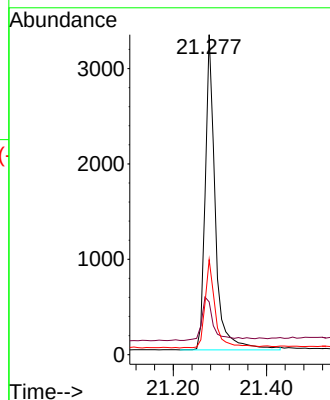
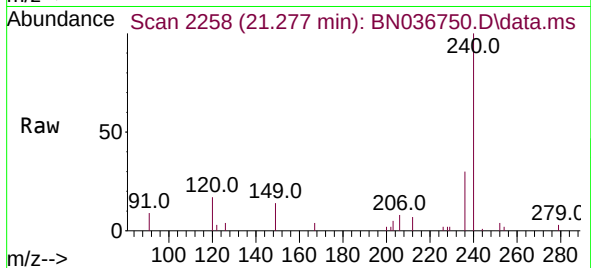




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

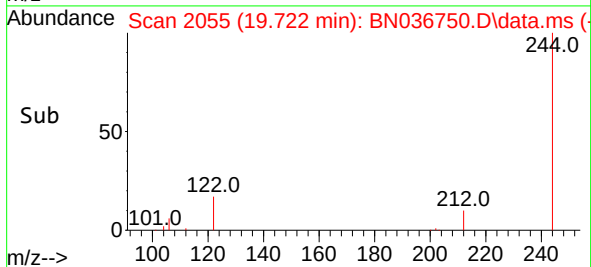
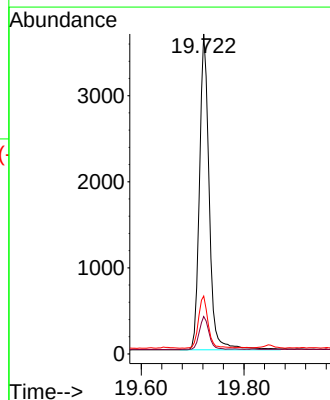
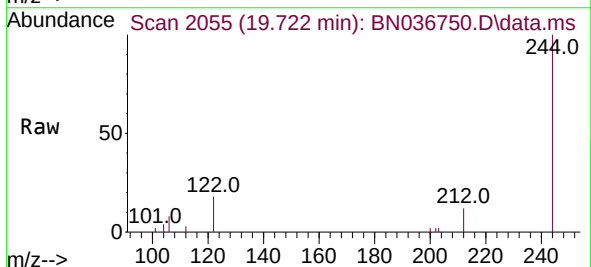
Instrument :
BNA_N
ClientSampleId :
RE132D5-20250318

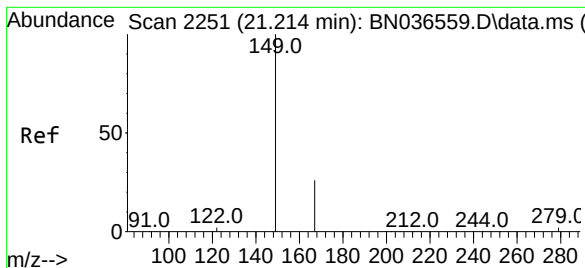
Tgt Ion:240 Resp: 4977
Ion Ratio Lower Upper
240 100
120 16.5 14.6 22.0
236 29.7 24.1 36.1



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036750.D
Acq: 27 Mar 2025 22:51

Tgt Ion:244 Resp: 4849
Ion Ratio Lower Upper
244 100
212 11.7 9.6 14.4
122 18.1 13.9 20.9

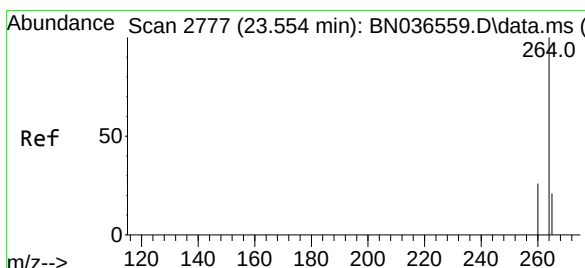
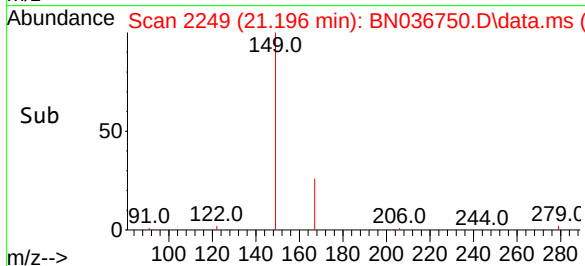
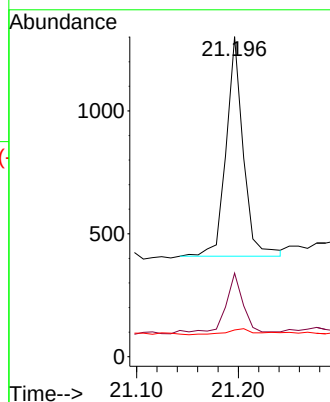
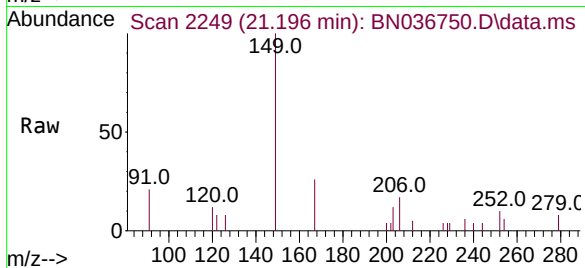




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036750.D
 Acq: 27 Mar 2025 22:51

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20250318

Tgt Ion:149 Resp: 1041
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.7 31.1
 279 4.2 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2766
 Delta R.T. -0.032 min
 Lab File: BN036750.D
 Acq: 27 Mar 2025 22:51

Tgt Ion:264 Resp: 4460
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.6 33.8
 265 83.6 88.1 132.1#

