

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036566.D
 Acq On : 10 Mar 2025 17:50
 Operator : RC/JU
 Sample : Q1531-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20250305

Quant Time: Mar 10 18:13:05 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)

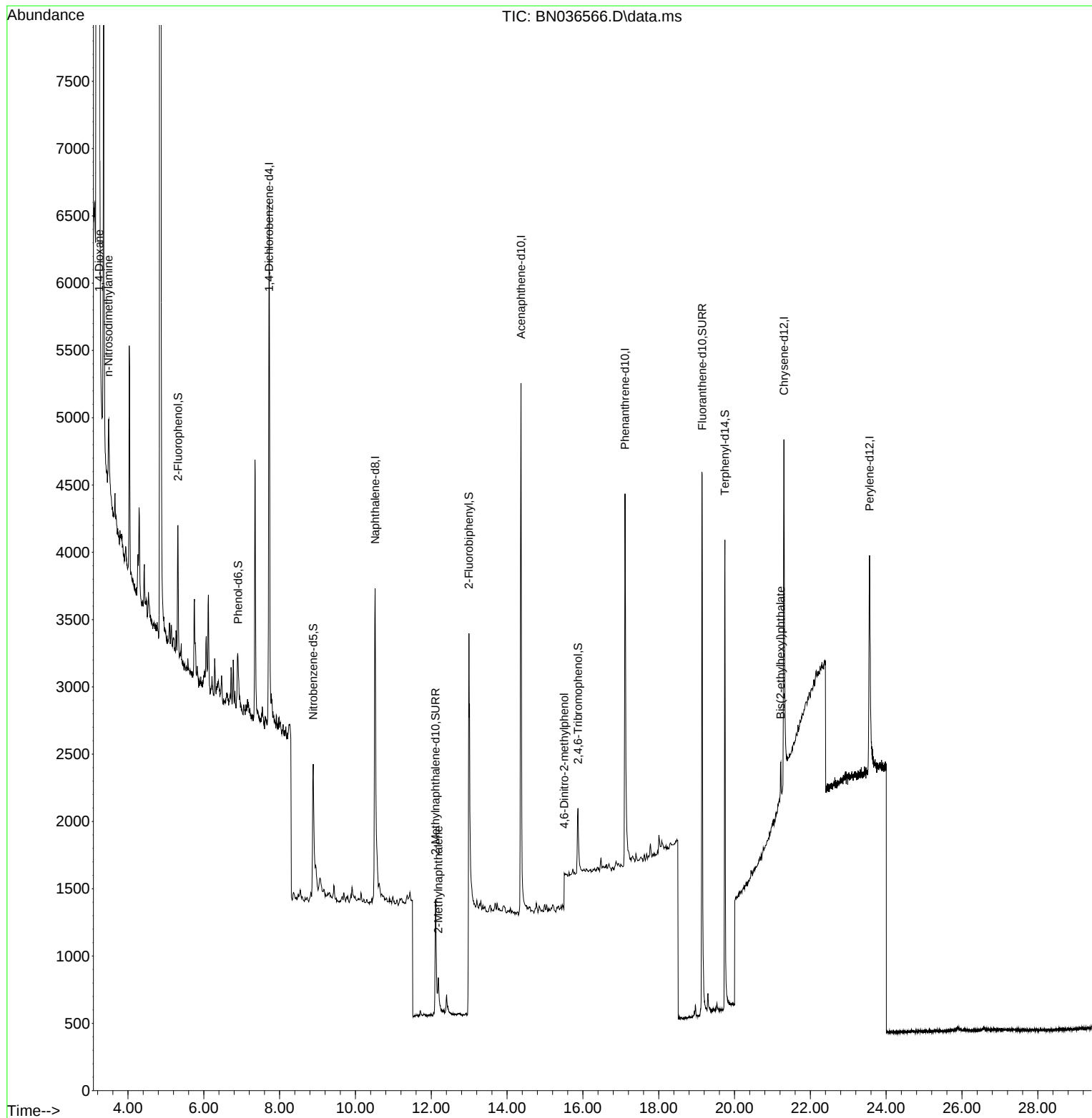
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1983	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4161	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2568	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5031	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	3465	0.400	ng	0.00
35) Perylene-d12	23.560	264	2981	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	726	0.157	ng	0.00
5) Phenol-d6	6.908	99	461	0.081	ng	0.00
8) Nitrobenzene-d5	8.886	82	1459	0.322	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	1922	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	436	0.374	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	4776	0.320	ng	0.00
27) Fluoranthene-d10	19.146	212	5549	0.430	ng	0.00
31) Terphenyl-d14	19.745	244	3851	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	8941	4.065	ng	98
3) n-Nitrosodimethylamine	3.485	42	226	0.051	ng	# 1
12) 2-Methylnaphthalene	12.187	142	234	0.030	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.510	198	3	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	362	0.042	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
Data File : BN036566.D
Acq On : 10 Mar 2025 17:50
Operator : RC/JU
Sample : Q1531-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20250305

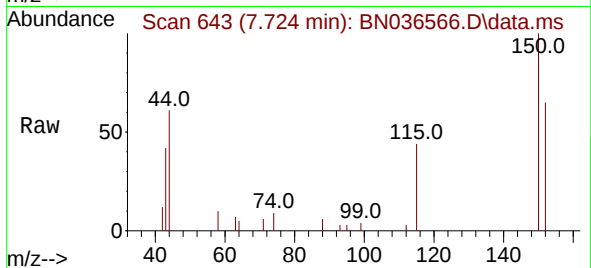
Quant Time: Mar 10 18:13:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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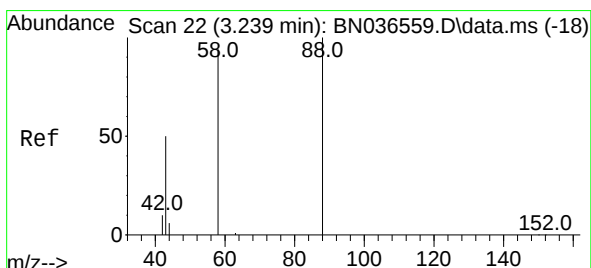
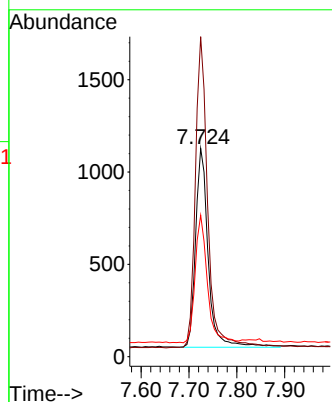
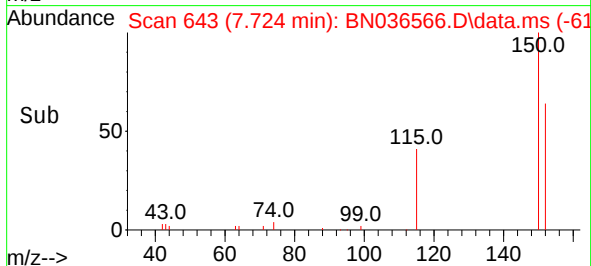


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036566.D
 Acq: 10 Mar 2025 17:50

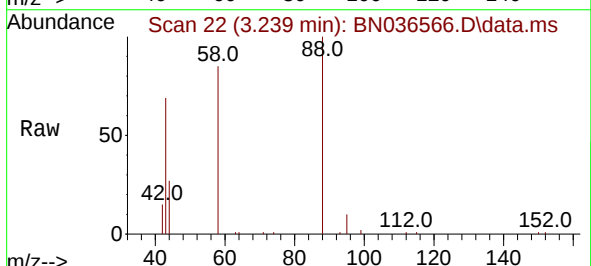
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20250305



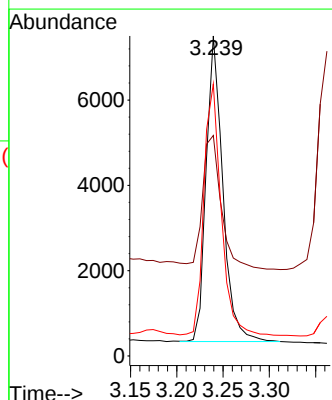
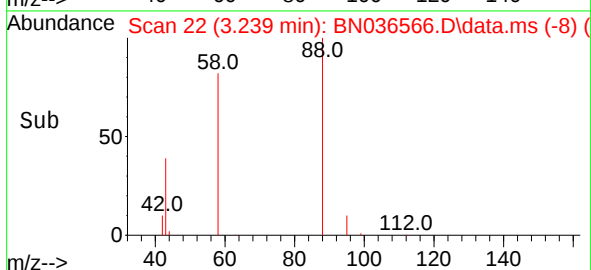
Tgt Ion:152 Resp: 1983
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.7 185.5
 115 67.9 54.3 81.5

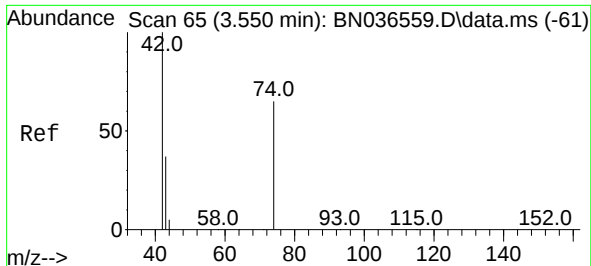


#2
 1,4-Dioxane
 Concen: 4.065 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036566.D
 Acq: 10 Mar 2025 17:50



Tgt Ion: 88 Resp: 8941
 Ion Ratio Lower Upper
 88 100
 43 49.7 37.8 56.8
 58 85.4 67.4 101.2

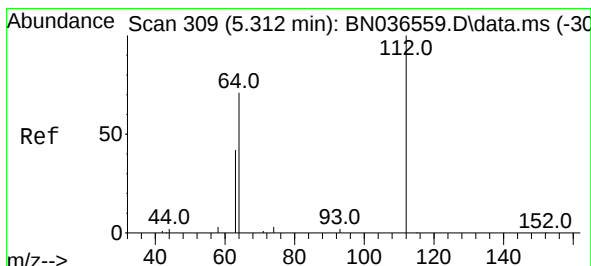
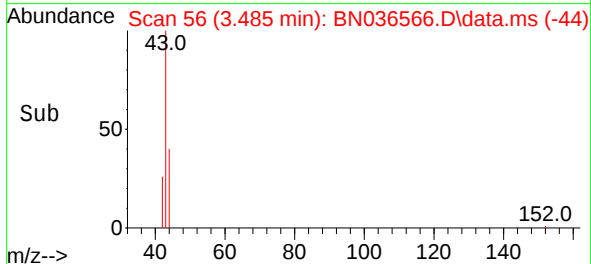
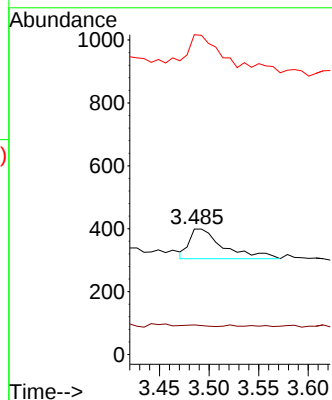
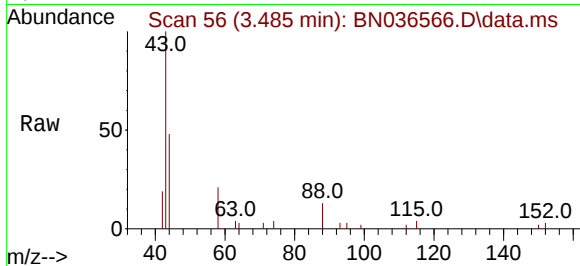




#3
 n-Nitrosodimethylamine
 Concen: 0.051 ng
 RT: 3.485 min Scan# 51
 Delta R.T. -0.065 min
 Lab File: BN036566.D
 Acq: 10 Mar 2025 17:50

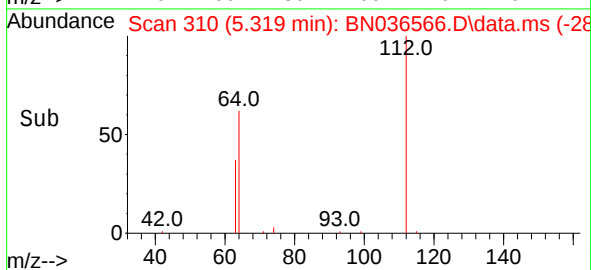
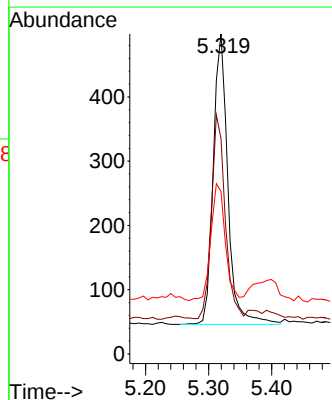
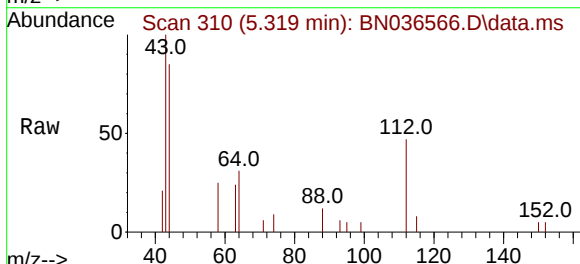
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20250305

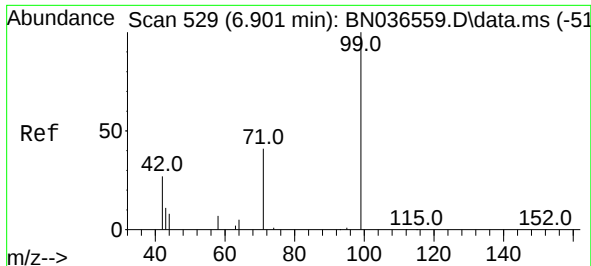
Tgt Ion: 42 Resp: 226
 Ion Ratio Lower Upper
 42 100
 74 4.0 60.6 90.8#
 44 98.2 6.3 9.5#



#4
 2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN036566.D
 Acq: 10 Mar 2025 17:50

Tgt Ion: 112 Resp: 726
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.1 79.7
 63 39.4 31.8 47.8

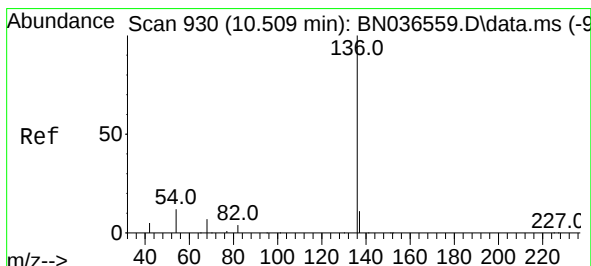
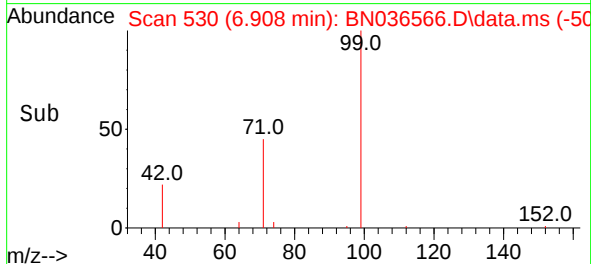
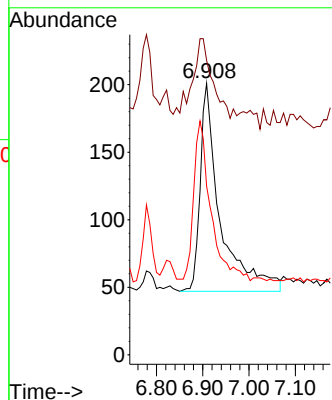
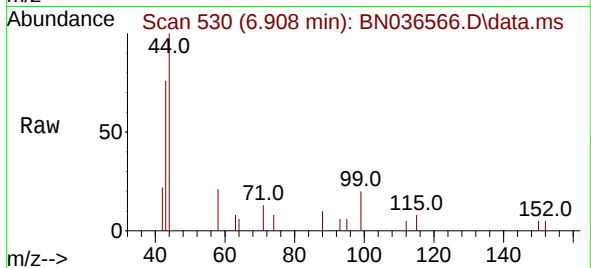




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

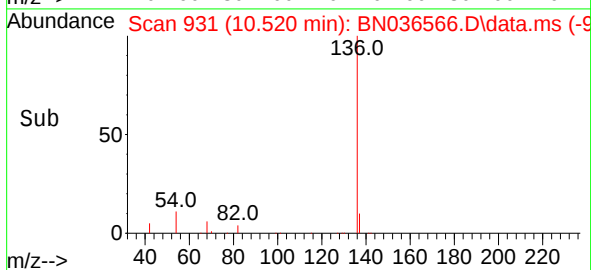
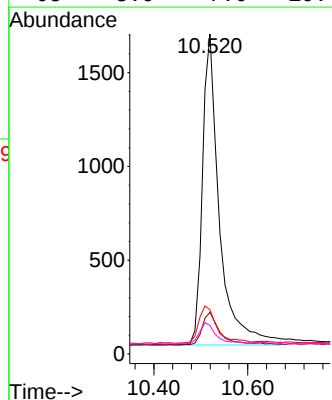
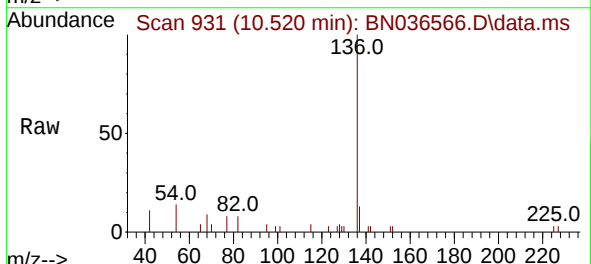
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250305

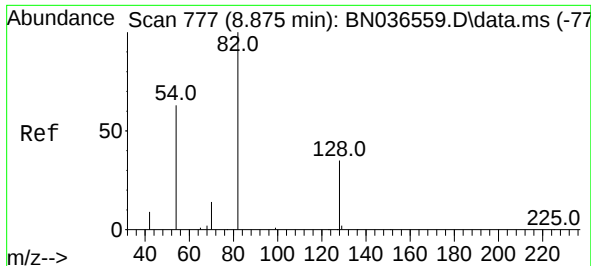
Tgt Ion: 99 Resp: 461
Ion Ratio Lower Upper
99 100
42 38.2 26.5 39.7
71 64.6 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

Tgt Ion: 136 Resp: 4161
Ion Ratio Lower Upper
136 100
137 13.0 10.3 15.5
54 13.8 11.5 17.3
68 8.9 7.0 10.4

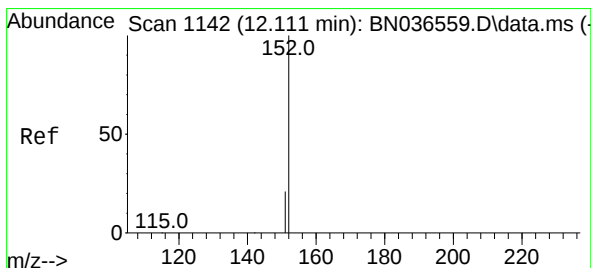
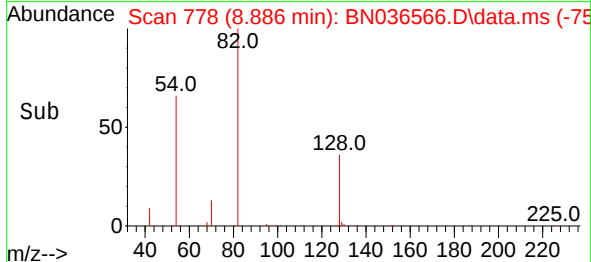
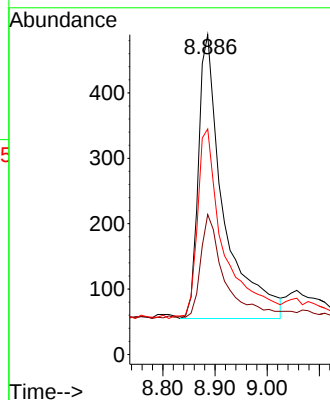
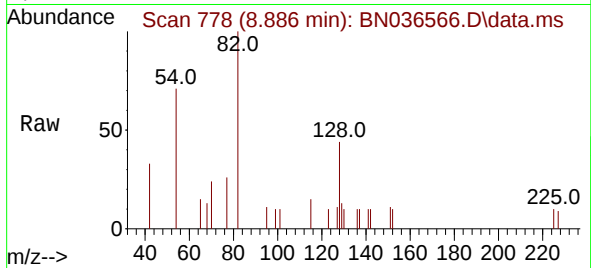




#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

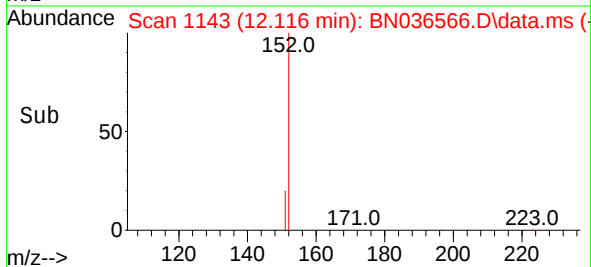
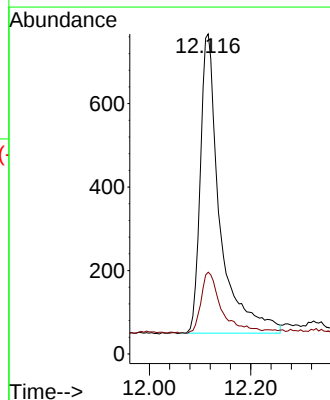
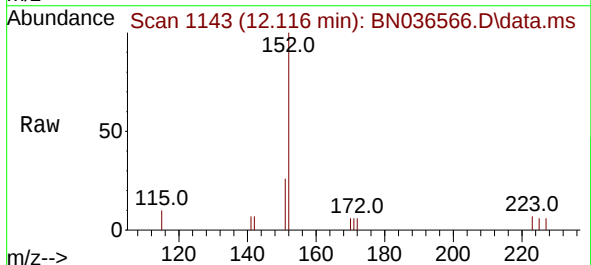
Instrument :
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ClientSampleId :
RE122D1-20250305

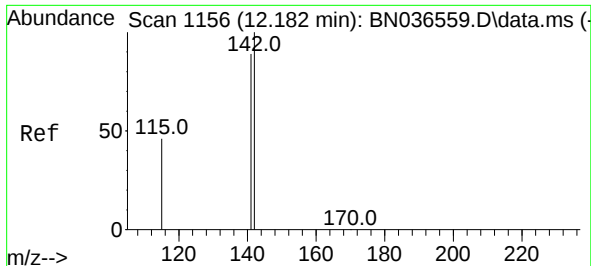
Tgt Ion: 82 Resp: 1459
Ion Ratio Lower Upper
82 100
128 43.8 30.6 45.8
54 70.6 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.005 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

Tgt Ion: 152 Resp: 1922
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6





#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.187 min Scan# 1156

Delta R.T. 0.005 min

Lab File: BN036566.D

Acq: 10 Mar 2025 17:50

Instrument :

BNA_N

ClientSampleId :

RE122D1-20250305

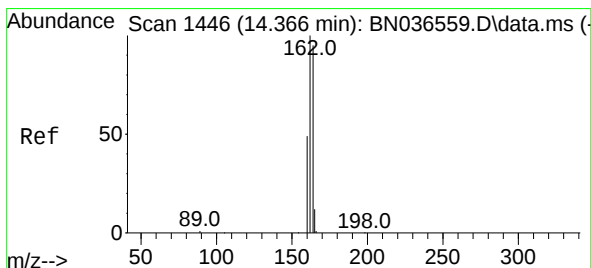
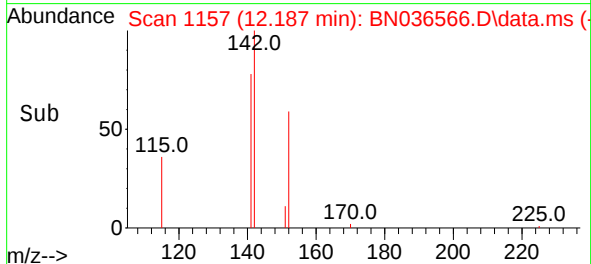
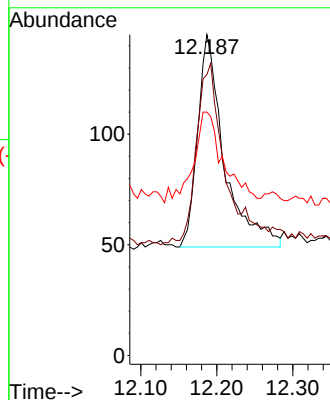
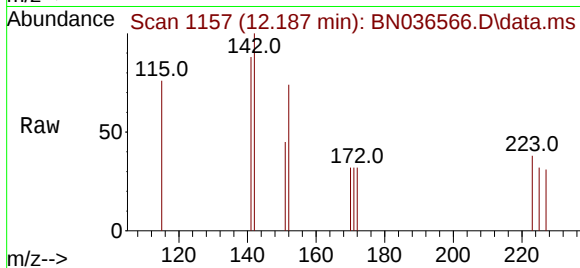
Tgt Ion:142 Resp: 234

Ion Ratio Lower Upper

142 100

141 87.6 71.7 107.5

115 75.9 38.3 57.5#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BN036566.D

Acq: 10 Mar 2025 17:50

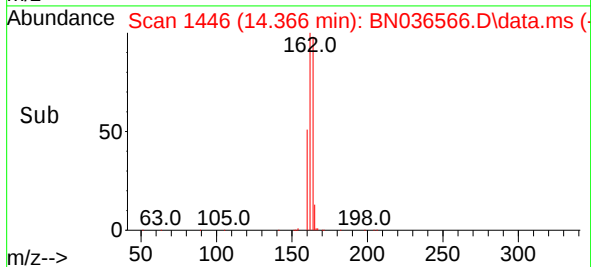
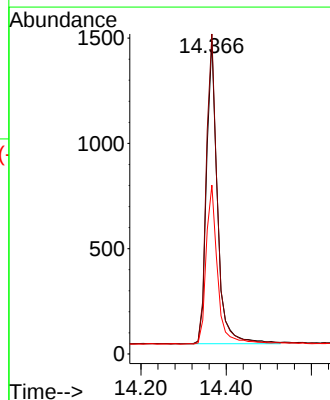
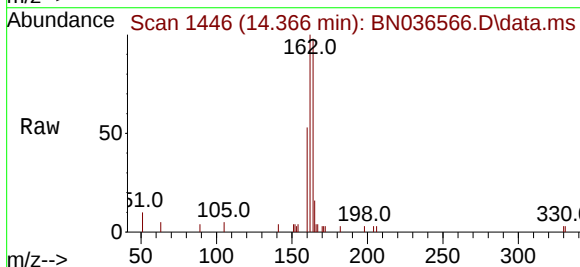
Tgt Ion:164 Resp: 2568

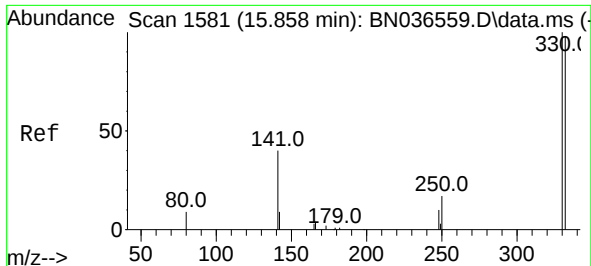
Ion Ratio Lower Upper

164 100

162 102.3 84.2 126.2

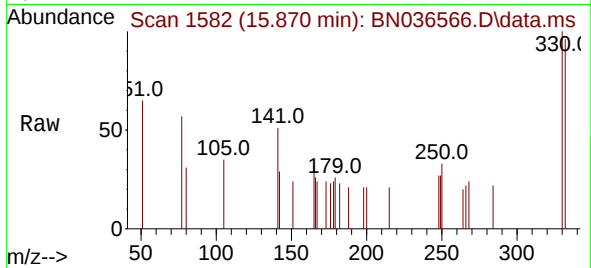
160 54.0 42.2 63.2



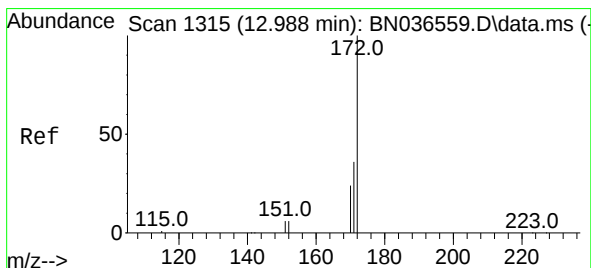
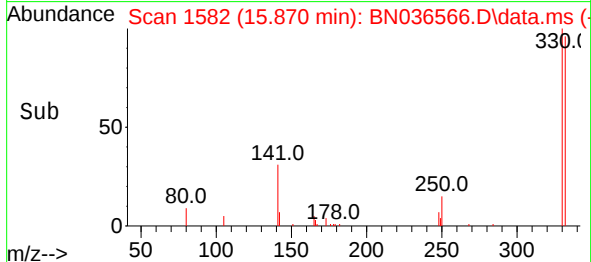
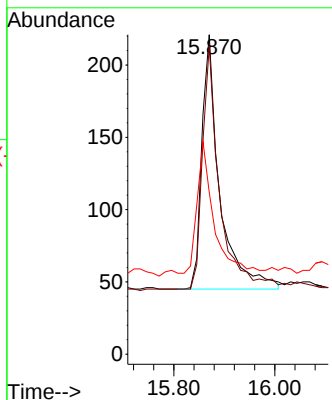


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.870 min Scan# 1582
Delta R.T. 0.013 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

Instrument :
BNA_N
ClientSampleId :
RE122D1-20250305

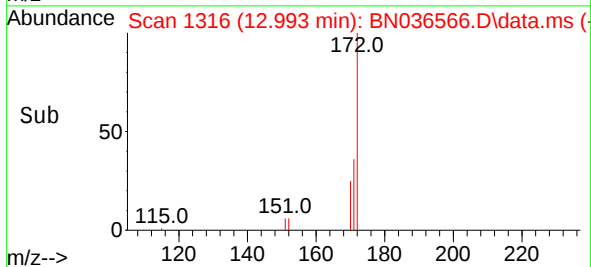
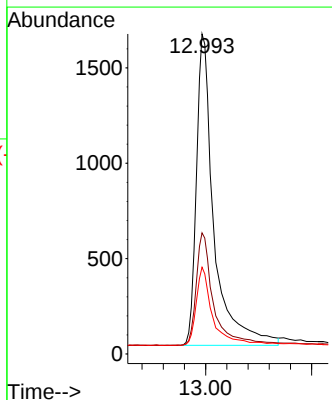
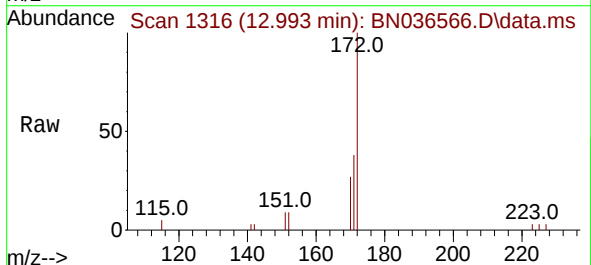


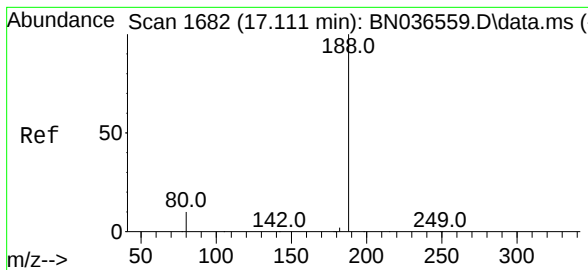
Tgt Ion:330 Resp: 436
Ion Ratio Lower Upper
330 100
332 91.1 75.2 112.8
141 47.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

Tgt Ion:172 Resp: 4776
Ion Ratio Lower Upper
172 100
171 37.8 29.5 44.3
170 27.1 20.2 30.4

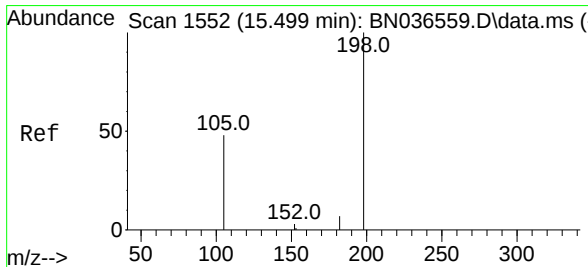
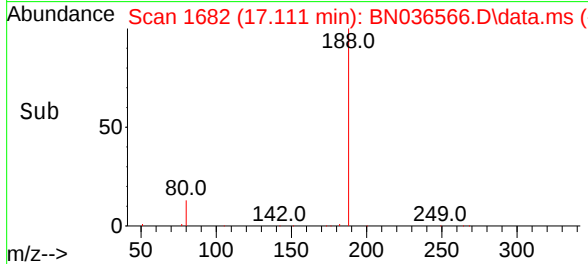
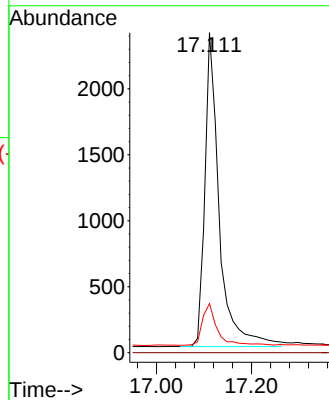
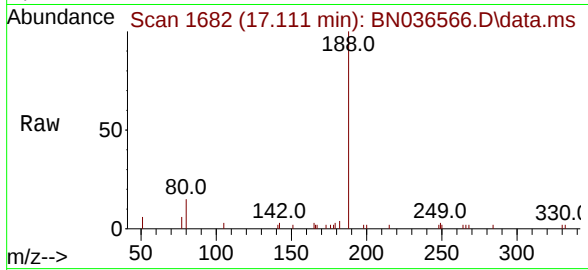




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

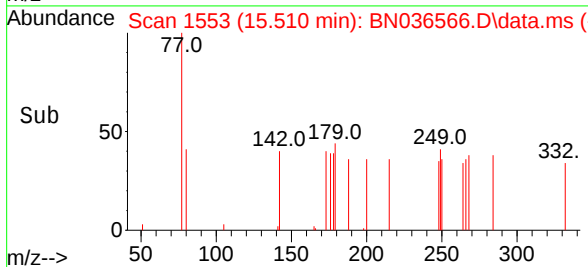
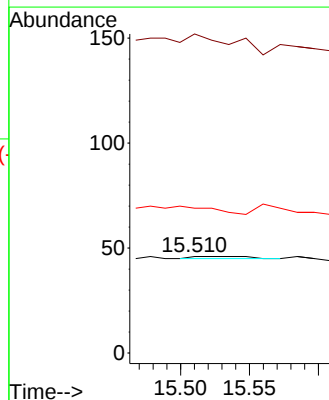
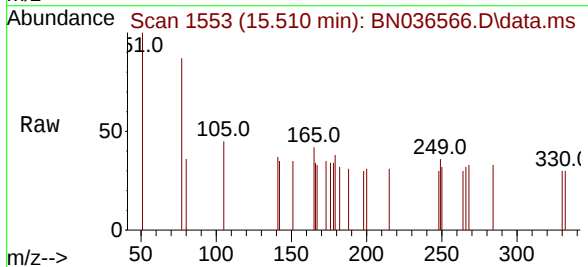
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250305

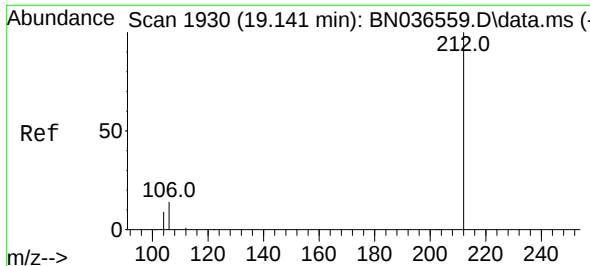
Tgt Ion:188 Resp: 5031
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 330.4 107.9 161.9#
105 150.0 56.2 84.2#

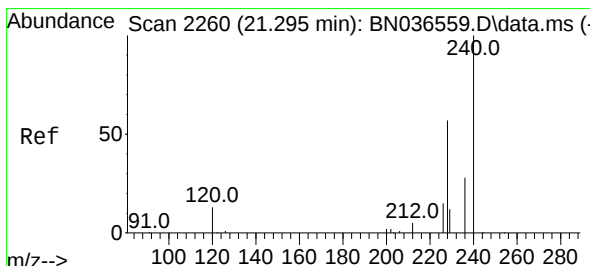
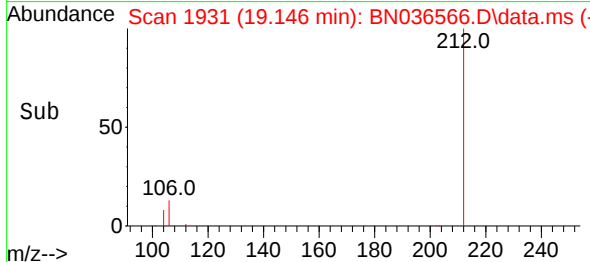
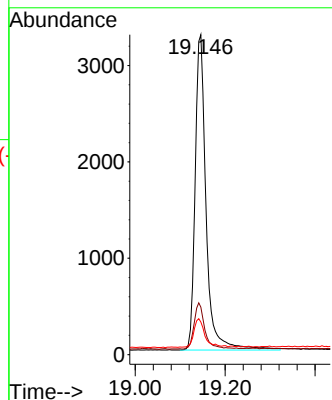
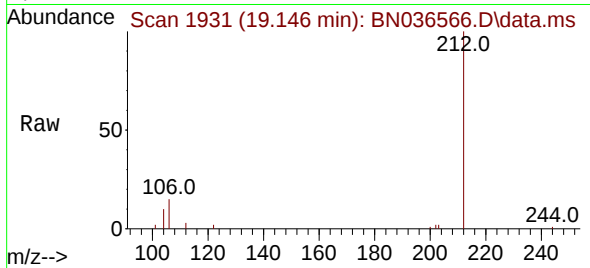




#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.146 min Scan# 1930
Delta R.T. 0.005 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

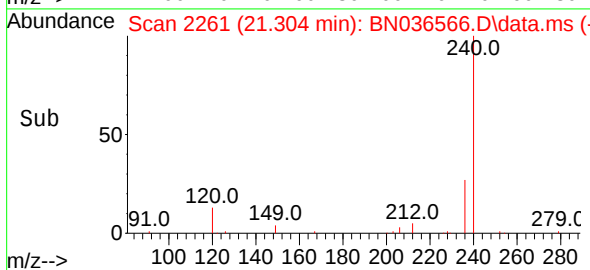
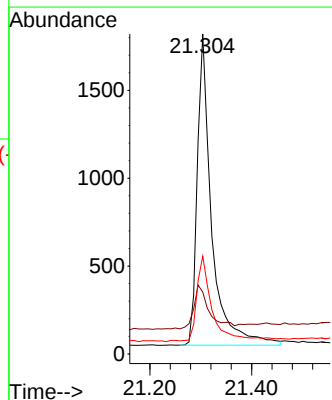
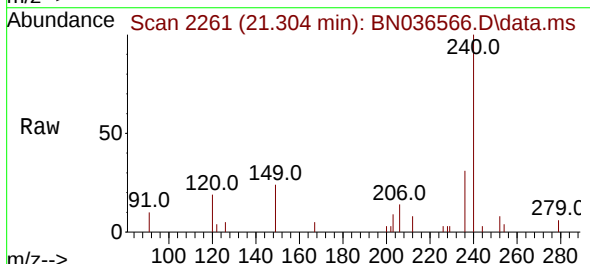
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250305

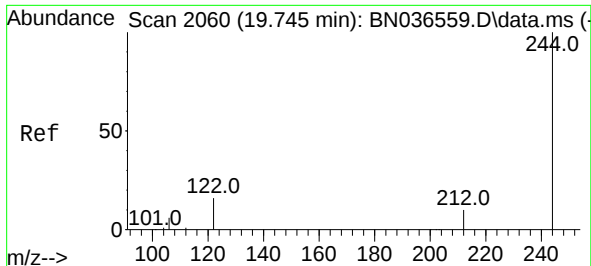
Tgt Ion:212 Resp: 5549
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 9.0 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

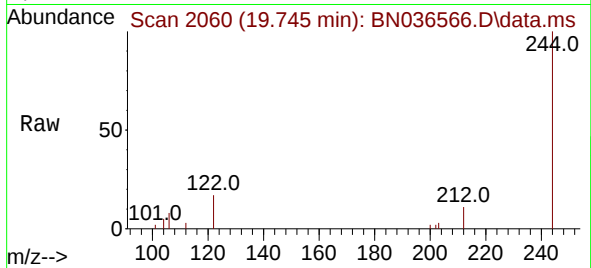
Tgt Ion:240 Resp: 3465
Ion Ratio Lower Upper
240 100
120 19.3 14.6 22.0
236 30.6 24.1 36.1



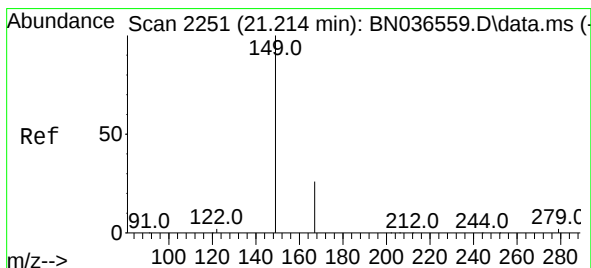
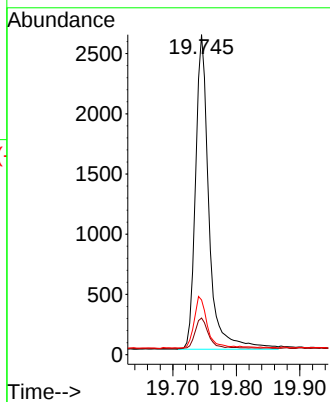
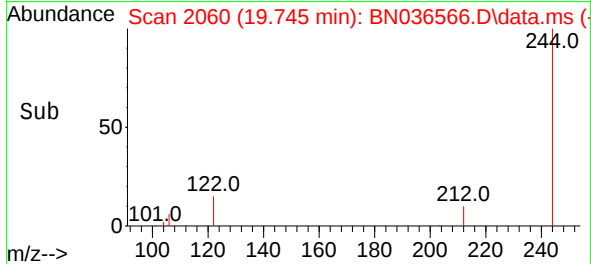


#31
 Terphenyl-d14
 Concen: 0.464 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036566.D
 Acq: 10 Mar 2025 17:50

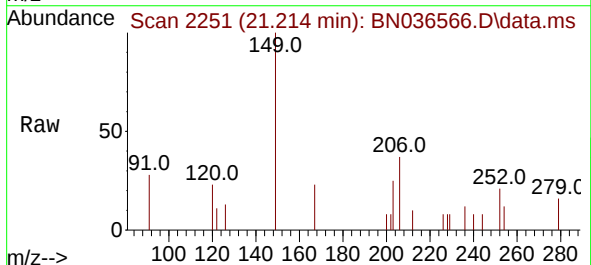
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20250305



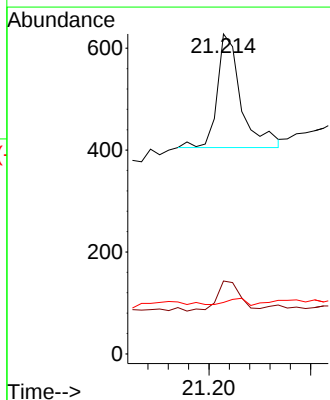
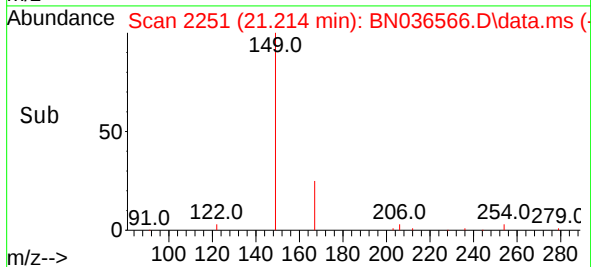
Tgt Ion:244 Resp: 3851
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.6 14.4
 122 17.1 13.9 20.9

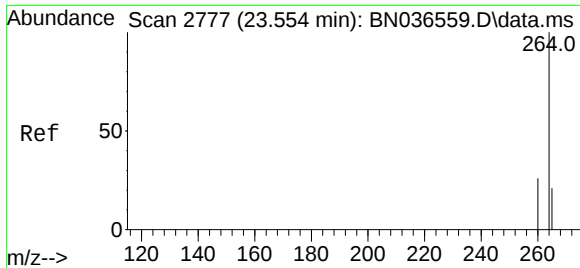


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036566.D
 Acq: 10 Mar 2025 17:50



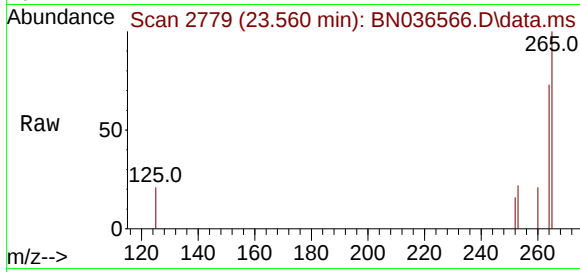
Tgt Ion:149 Resp: 362
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.7 31.1
 279 4.7 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.560 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN036566.D
Acq: 10 Mar 2025 17:50

Instrument :
BNA_N
ClientSampleId :
RE122D1-20250305



Tgt Ion:264 Resp: 2981

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.6	33.8
265	136.8	88.1	132.1#

