

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
 Data File : BN036541.D
 Acq On : 06 Mar 2025 19:00
 Operator : RC/JU
 Sample : Q1501-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425

Quant Time: Mar 07 00:25:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

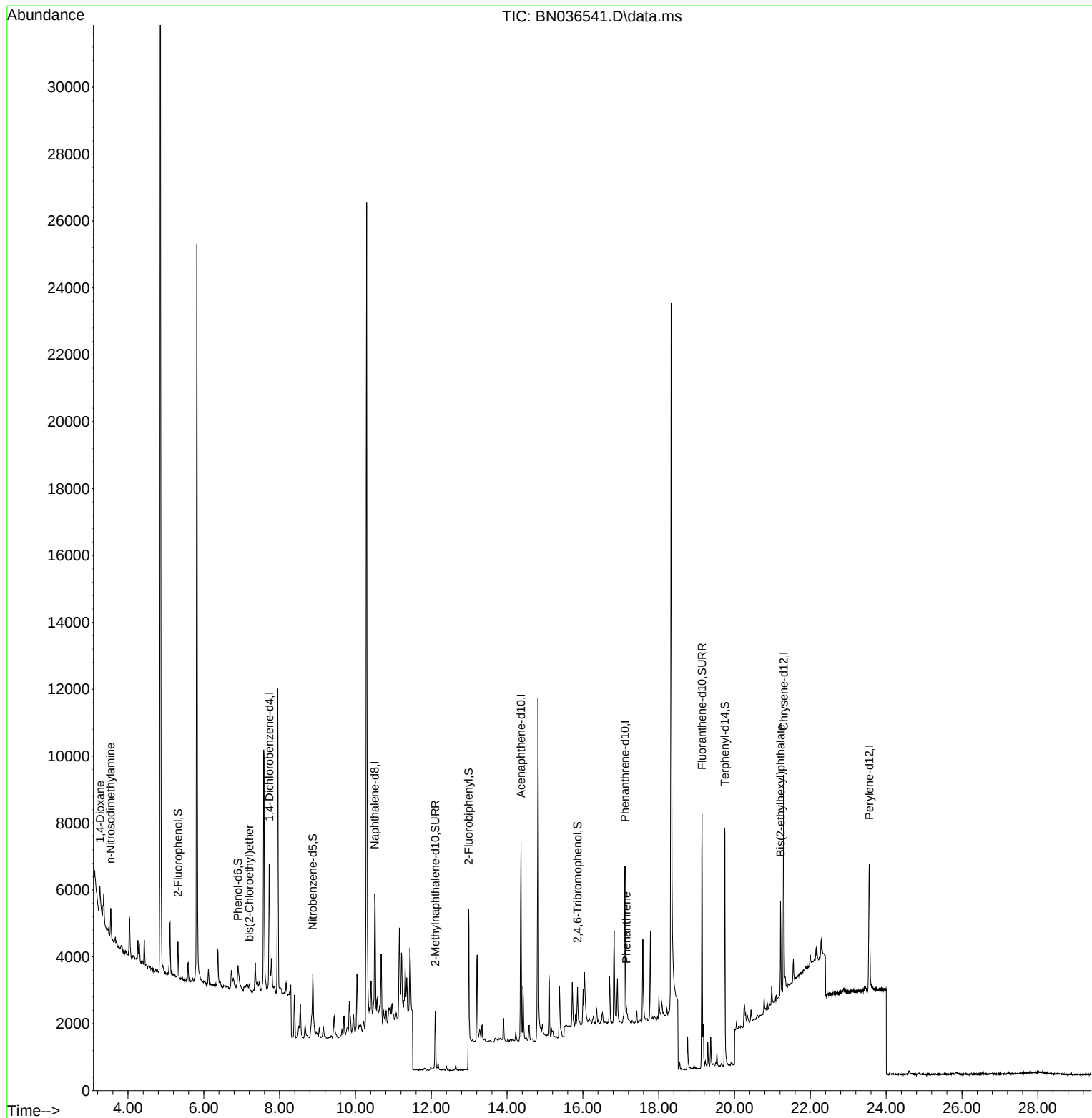
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	1892	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4686	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	3090	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6573	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6013	0.400	ng	0.00
35) Perylene-d12	23.554	264	5454	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	799	0.179	ng	0.00
5) Phenol-d6	6.901	99	611	0.116	ng	0.00
8) Nitrobenzene-d5	8.875	82	1664	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2516	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	627	0.409	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6038	0.520	ng	0.00
27) Fluoranthene-d10	19.141	212	8065	0.441	ng	0.00
31) Terphenyl-d14	19.745	244	6687	0.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	893	0.431	ng	93
3) n-Nitrosodimethylamine	3.543	42	104	0.029	ng	# 17
6) bis(2-Chloroethyl)ether	7.204	93	191	0.035	ng	# 23
25) Phenanthrene	17.148	178	382	0.020	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.214	149	2648	0.215	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036541.D
Acq On : 06 Mar 2025 19:00
Operator : RC/JU
Sample : Q1501-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Quant Time: Mar 07 00:25:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

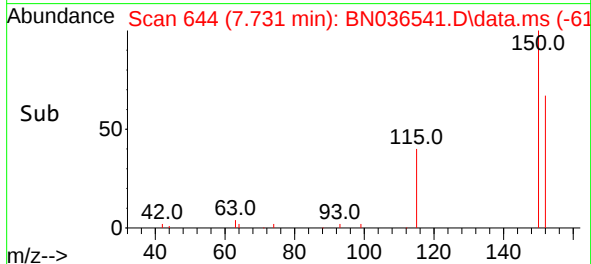
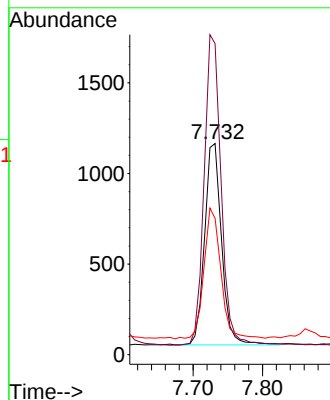
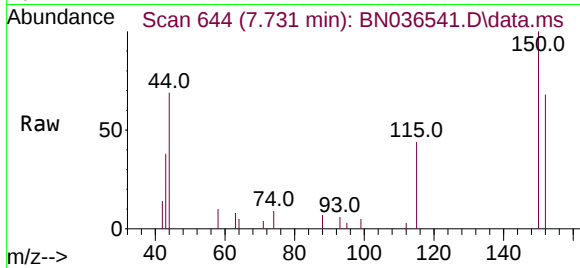




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.731 min Scan# 64
 Delta R.T. -0.001 min
 Lab File: BN036541.D
 Acq: 06 Mar 2025 19:00

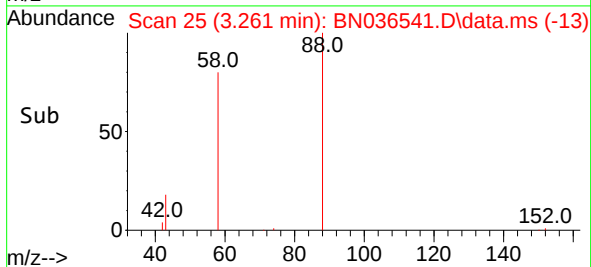
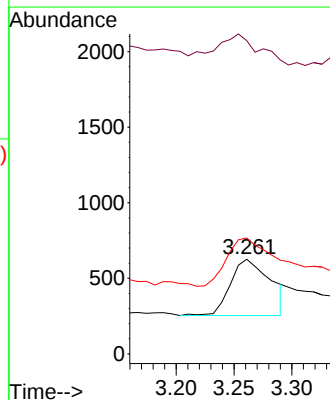
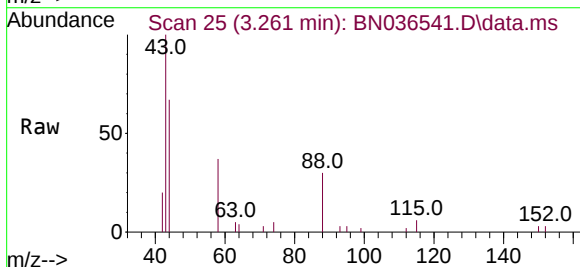
Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425

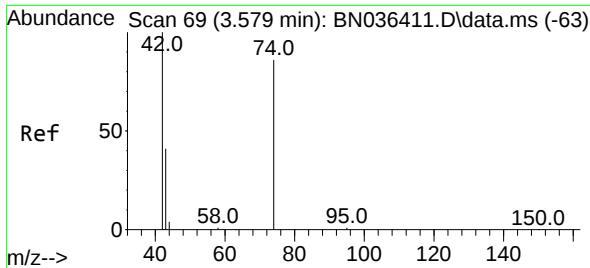
Tgt Ion: 152 Resp: 1892
 Ion Ratio Lower Upper
 152 100
 150 147.3 123.7 185.5
 115 64.5 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.431 ng
 RT: 3.261 min Scan# 25
 Delta R.T. 0.014 min
 Lab File: BN036541.D
 Acq: 06 Mar 2025 19:00

Tgt Ion: 88 Resp: 893
 Ion Ratio Lower Upper
 88 100
 43 38.5 33.7 50.5
 58 93.3 68.9 103.3

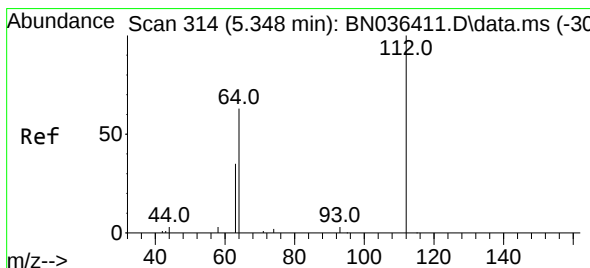
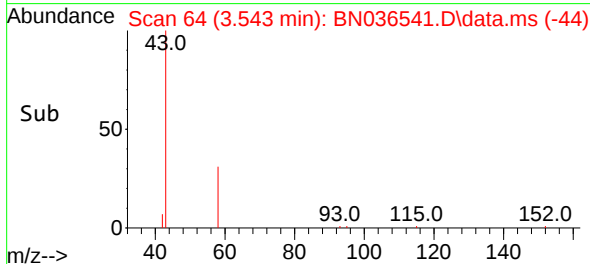
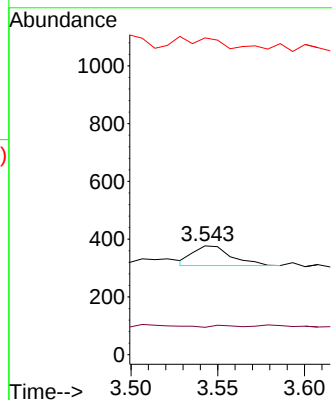
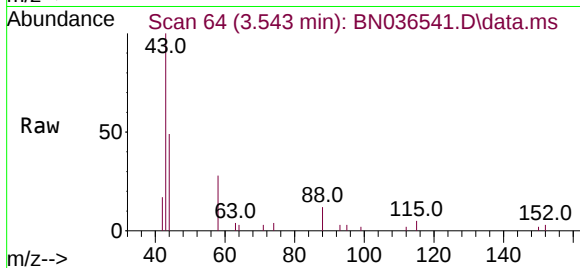




#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

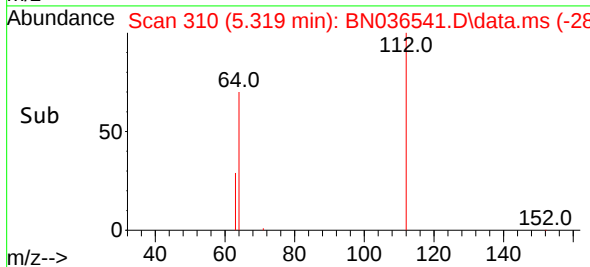
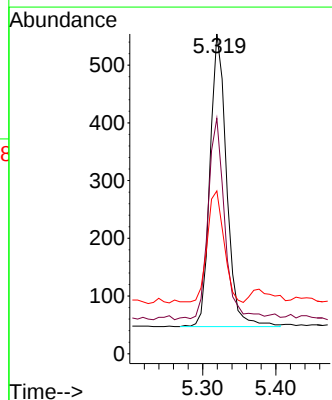
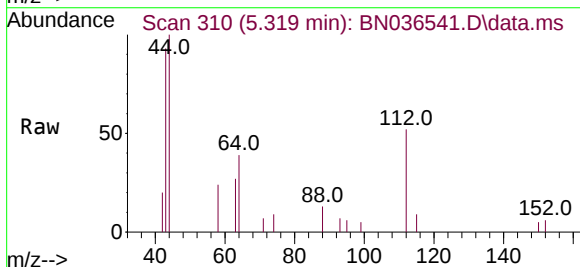
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion: 42 Resp: 104
Ion Ratio Lower Upper
42 100
74 5.8 71.8 107.6#
44 0.0 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion: 112 Resp: 799
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.0
63 38.4 30.3 45.5

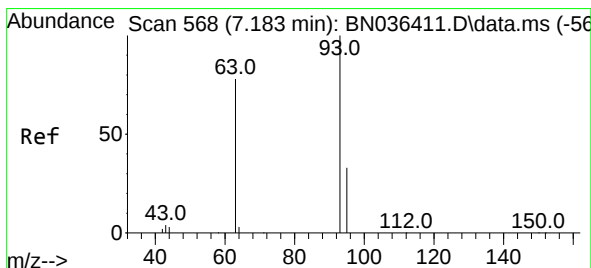
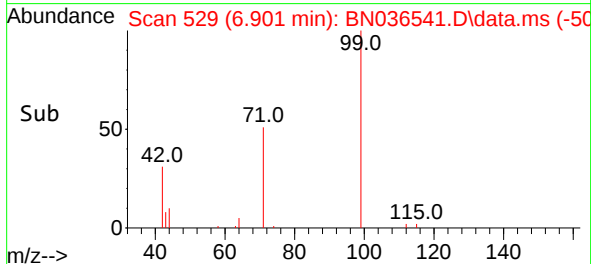
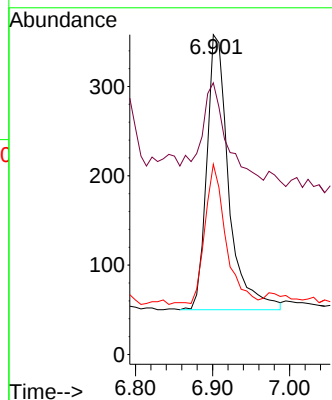
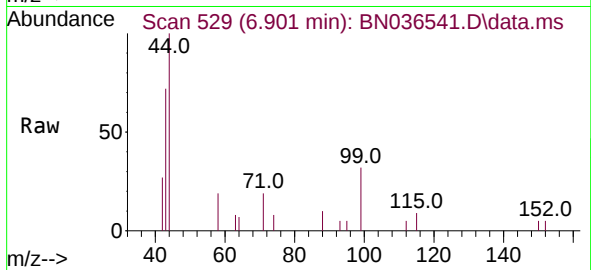




#5
Phenol-d6
Concen: 0.116 ng
RT: 6.901 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

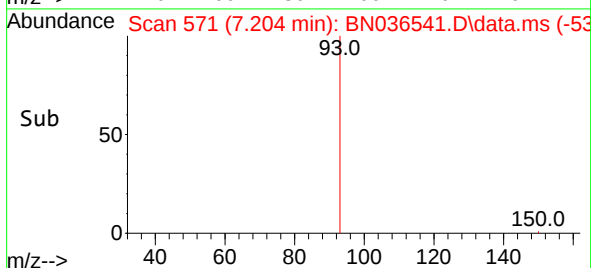
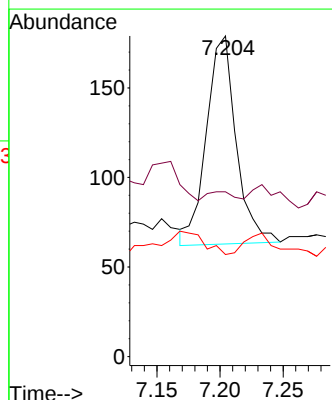
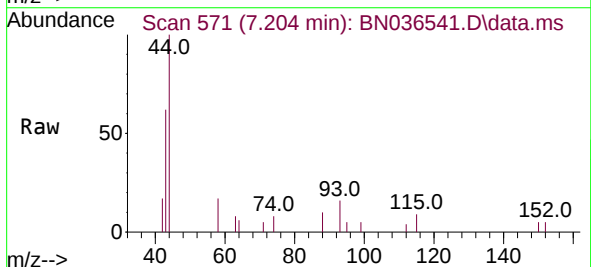
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion: 99 Resp: 611
Ion Ratio Lower Upper
99 100
42 36.7 21.7 32.5#
71 46.5 32.6 49.0



#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.050 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion: 93 Resp: 191
Ion Ratio Lower Upper
93 100
63 6.3 66.3 99.5#
95 0.0 26.2 39.4#

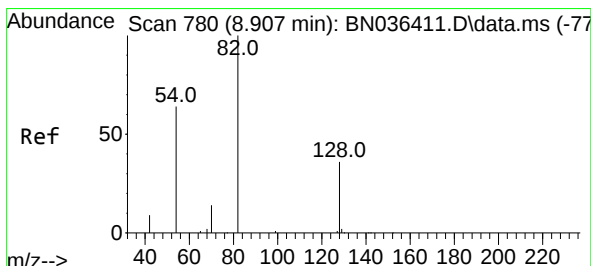
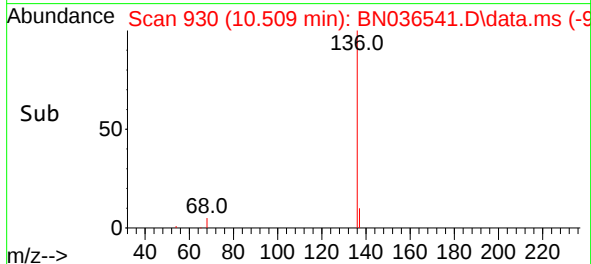
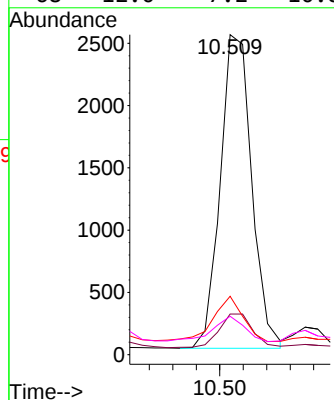
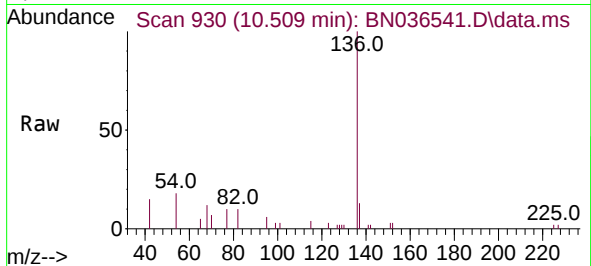




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

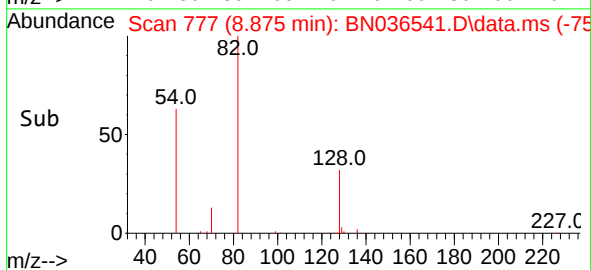
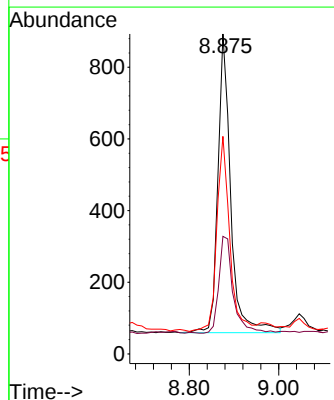
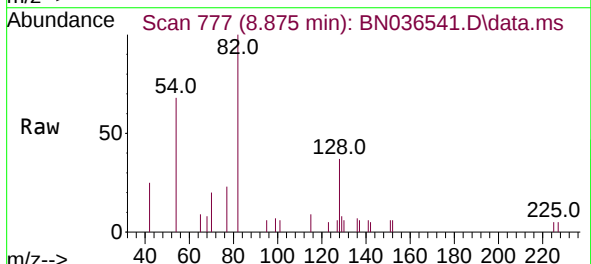
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

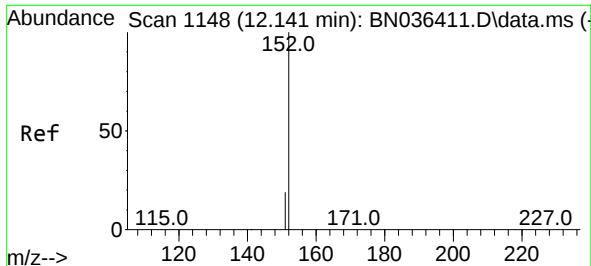
Tgt Ion:	136	Resp:	4686
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.1	15.1
54	18.3	11.8	17.6#
68	12.0	7.2	10.8#



#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:	82	Resp:	1664
Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.9	47.9
54	68.0	53.1	79.7

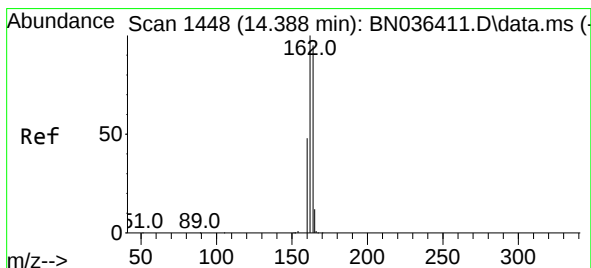
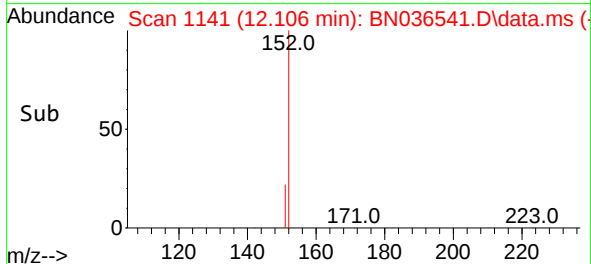
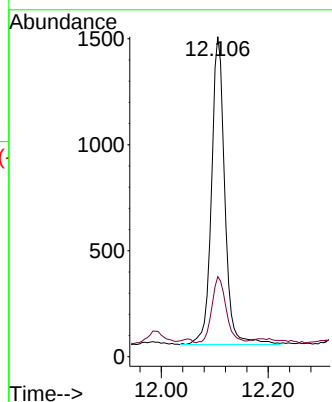
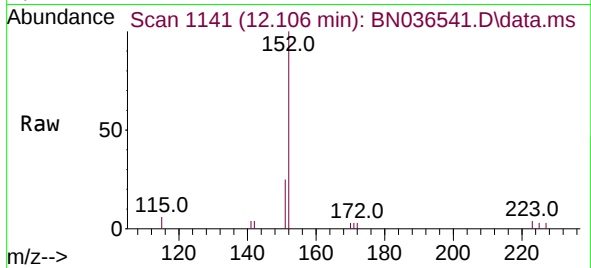




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

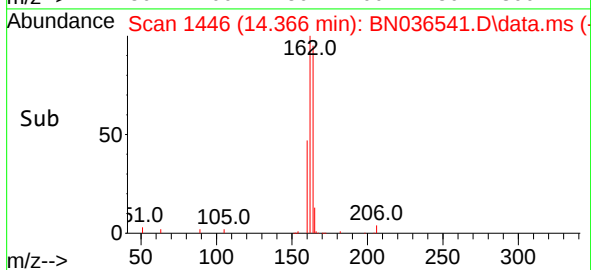
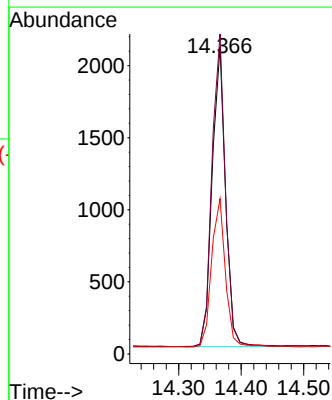
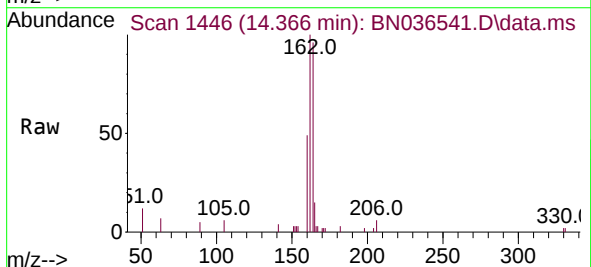
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

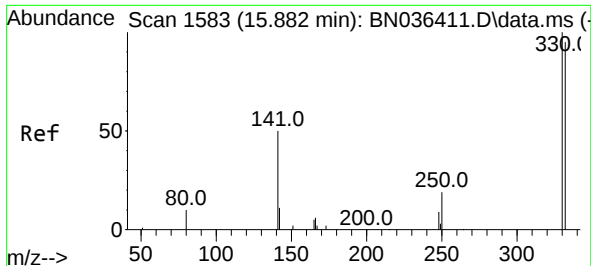
Tgt Ion:152 Resp: 2516
Ion Ratio Lower Upper
152 100
151 23.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:164 Resp: 3090
Ion Ratio Lower Upper
164 100
162 104.2 84.1 126.1
160 50.5 41.4 62.0

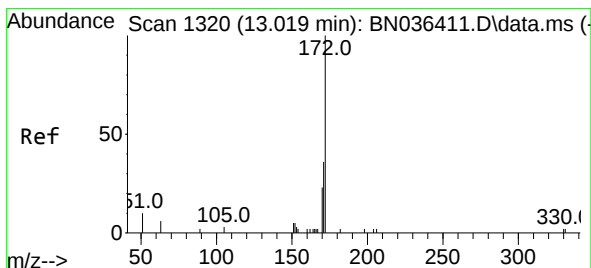
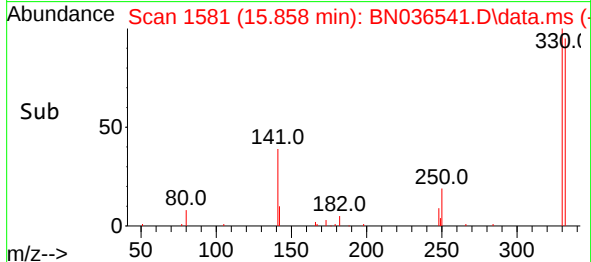
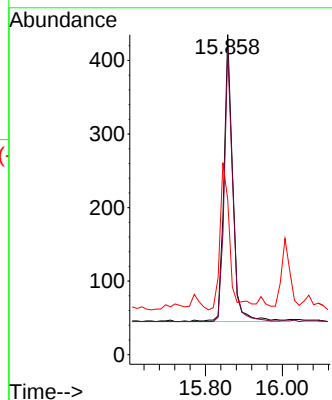
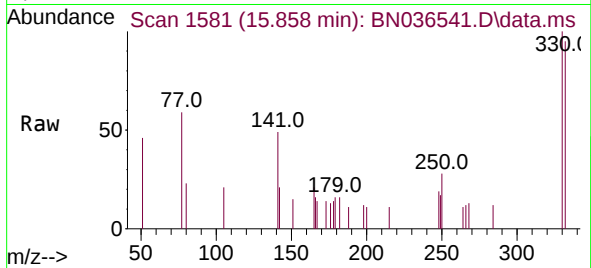




#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

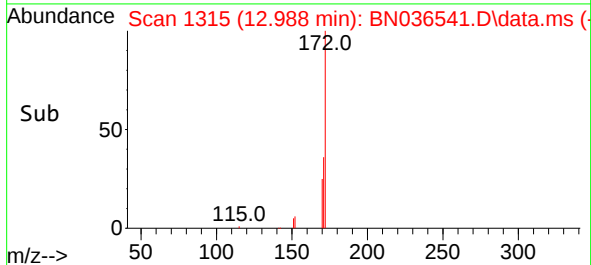
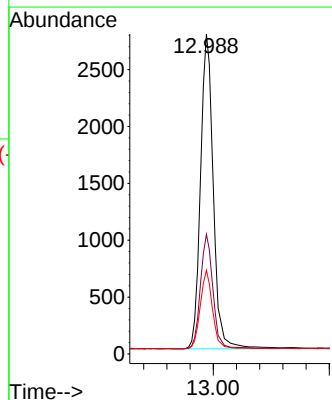
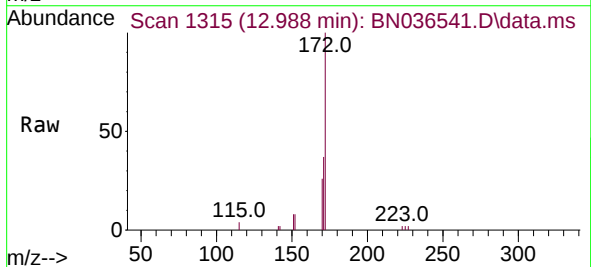
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

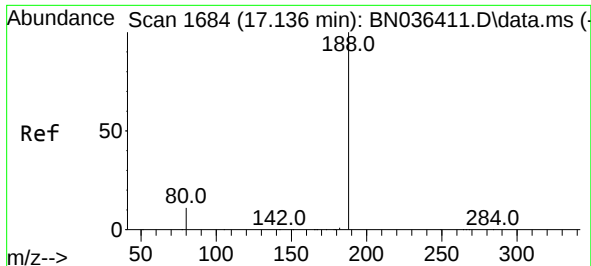
Tgt Ion:330 Resp: 627
Ion Ratio Lower Upper
330 100
332 91.2 76.6 114.8
141 55.7 37.8 56.8



#15
2-Fluorobiphenyl
Concen: 0.520 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:172 Resp: 6038
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 26.2 19.8 29.6

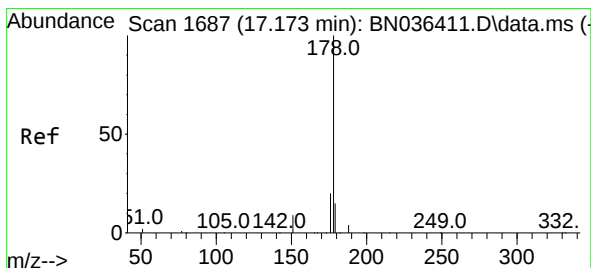
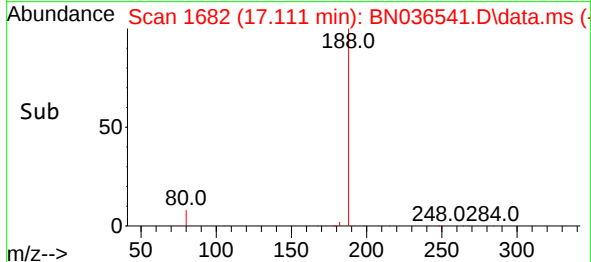
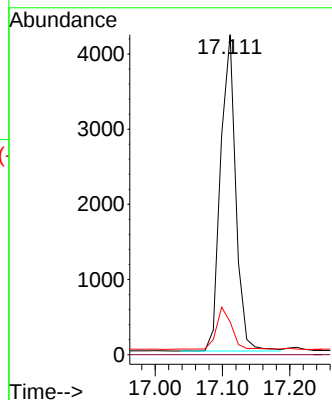
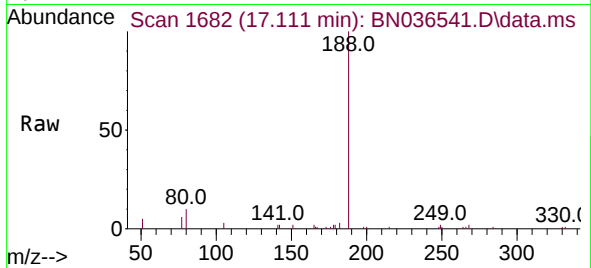




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

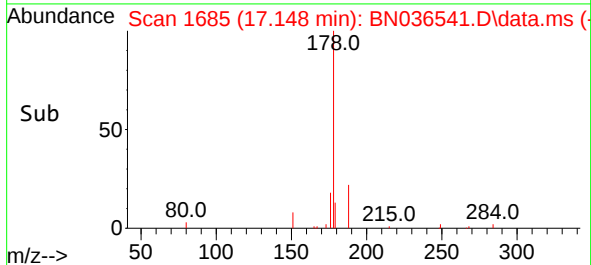
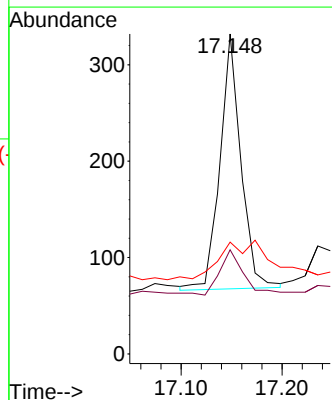
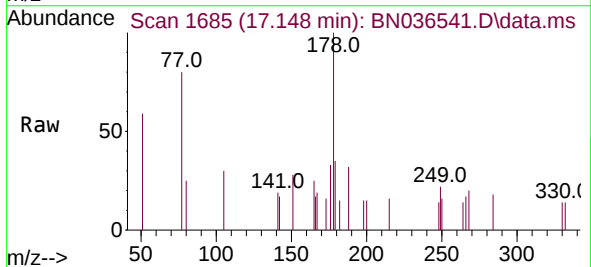
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

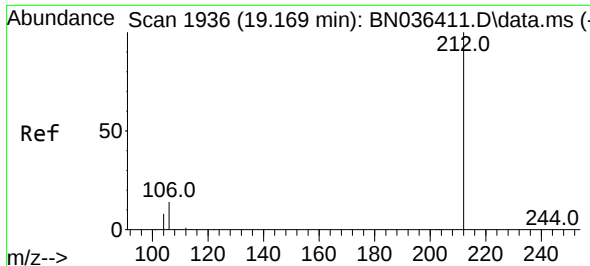
Tgt Ion:188 Resp: 6573
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 9.8 14.6



#25
Phenanthrene
Concen: 0.020 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:178 Resp: 382
Ion Ratio Lower Upper
178 100
176 22.3 15.7 23.5
179 0.0 12.4 18.6#

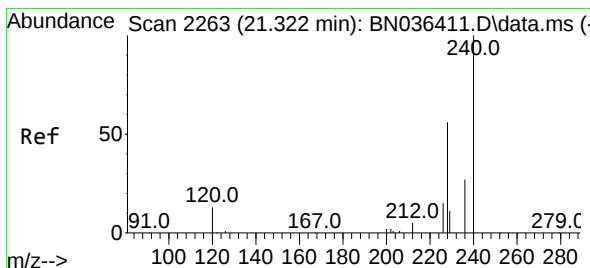
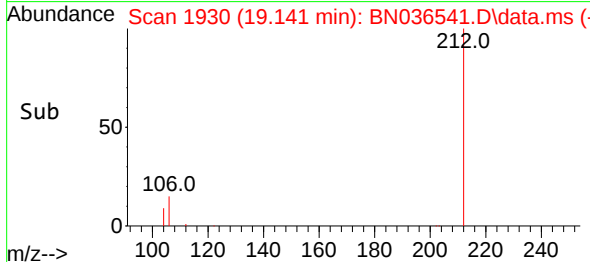
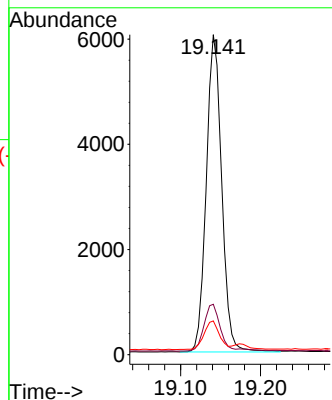
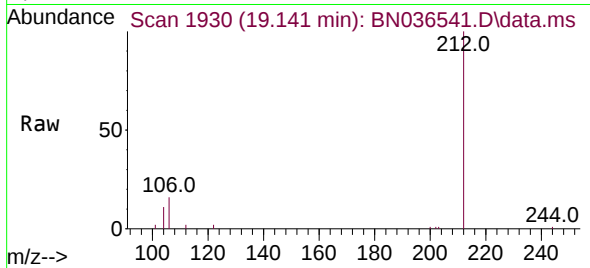




#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

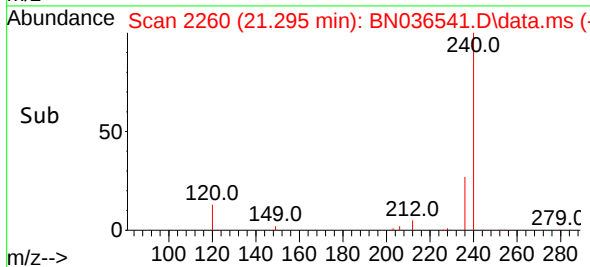
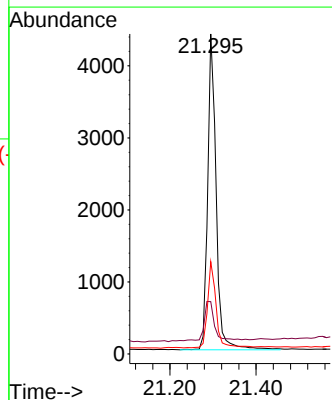
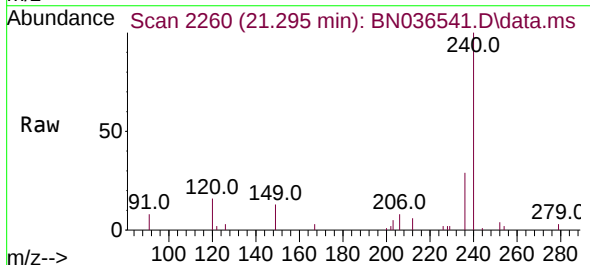
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

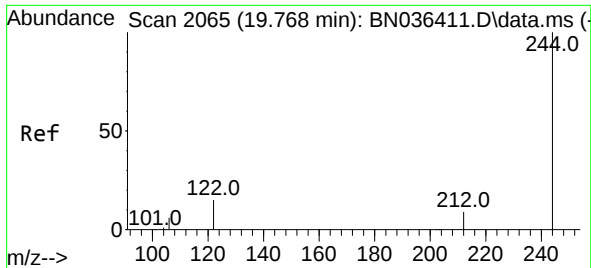
Tgt Ion:212 Resp: 8065
Ion Ratio Lower Upper
212 100
106 16.4 11.5 17.3
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:240 Resp: 6013
Ion Ratio Lower Upper
240 100
120 16.4 13.3 19.9
236 28.9 23.0 34.6

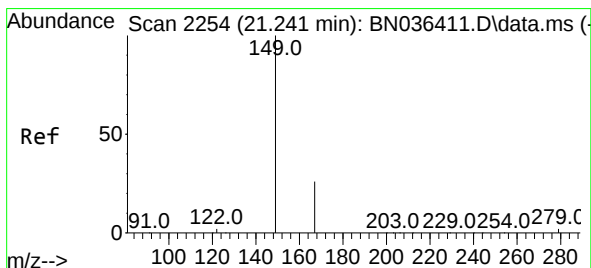
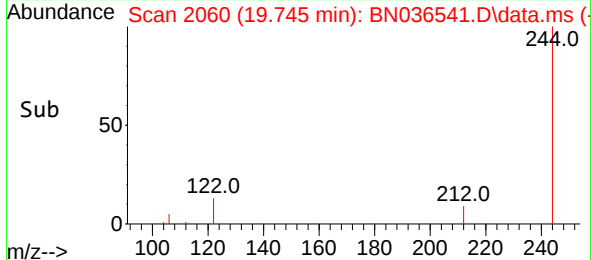
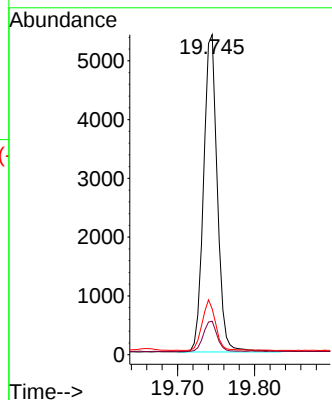
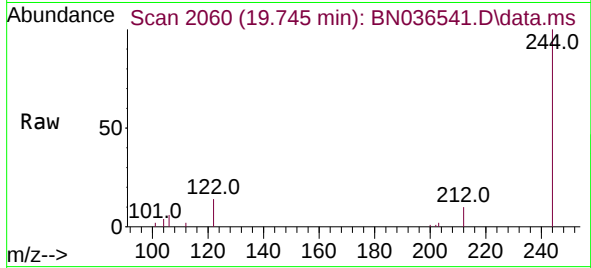




#31
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: BN036541.D
 Acq: 06 Mar 2025 19:00

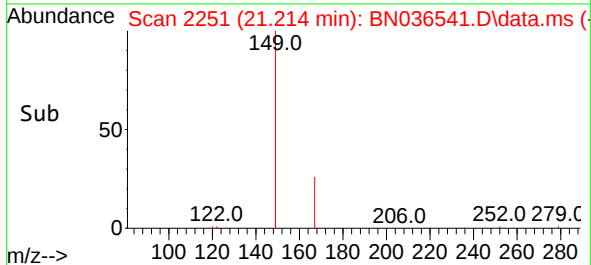
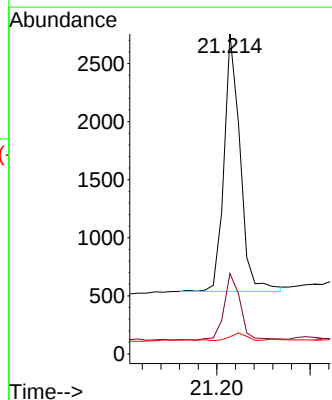
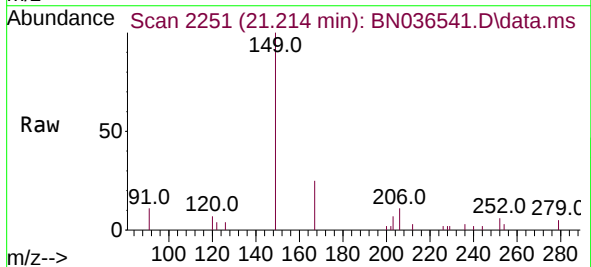
Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425

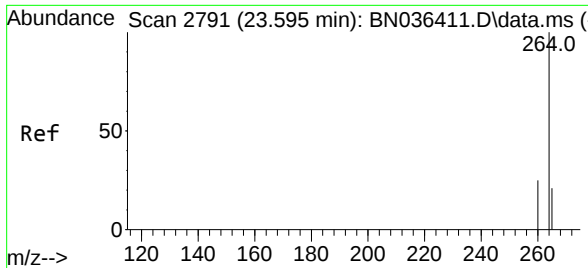
Tgt Ion:244	Resp:	6687
Ion Ratio	Lower	Upper
244	100	
212	10.4	8.1 12.1
122	14.3	12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.215 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN036541.D
 Acq: 06 Mar 2025 19:00

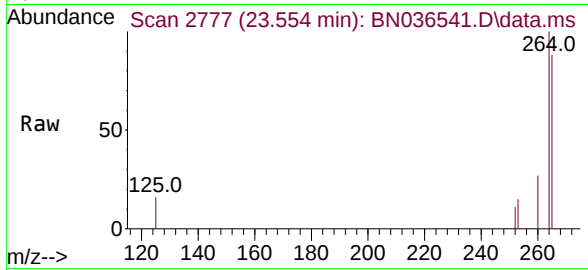
Tgt Ion:149	Resp:	2648
Ion Ratio	Lower	Upper
149	100	
167	25.5	21.2 31.8
279	3.1	2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN036541.D
 Acq: 06 Mar 2025 19:00

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425



Tgt Ion: 264 Resp: 5454

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	88.5	60.7	91.1

