

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036551.D
 Acq On : 07 Mar 2025 17:25
 Operator : RC/JU
 Sample : Q1500-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20250305

Quant Time: Mar 07 17:47:40 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)

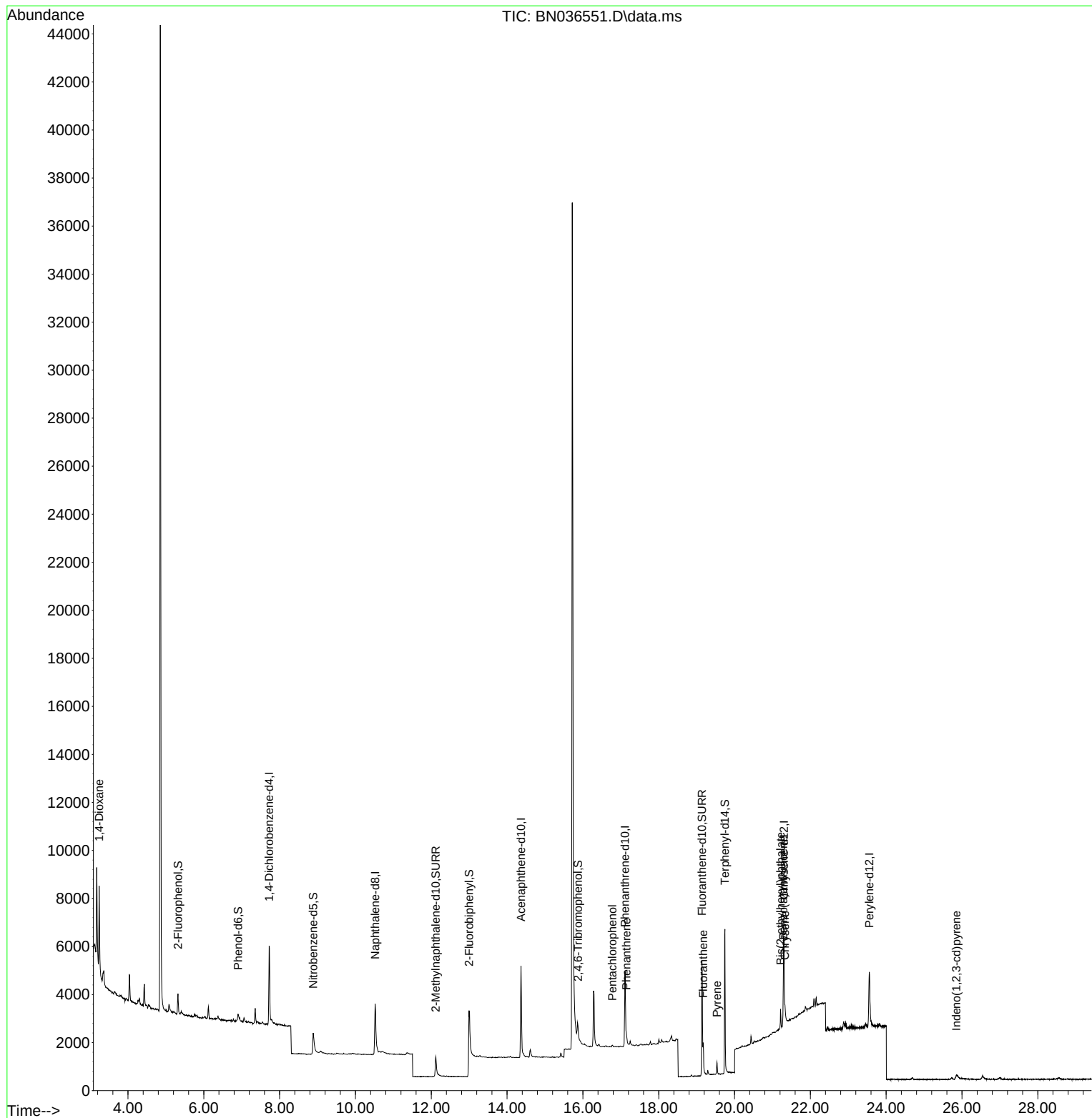
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1786	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4024	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2522	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5219	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	4347	0.400	ng	0.00
35) Perylene-d12	23.554	264	3883	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	644	0.153	ng	0.00
5) Phenol-d6	6.908	99	351	0.071	ng	0.00
8) Nitrobenzene-d5	8.886	82	1315	0.331	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	1913	0.309	ng	0.02
14) 2,4,6-Tribromophenol	15.870	330	482	0.386	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	4777	0.504	ng	0.01
27) Fluoranthene-d10	19.141	212	6034	0.416	ng	0.00
31) Terphenyl-d14	19.745	244	6019	0.649	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	1902	0.973	ng	# 93
24) Pentachlorophenol	16.776	266	60	0.033	ng	# 81
25) Phenanthrene	17.149	178	310	0.021	ng	# 89
28) Fluoranthene	19.174	202	508	0.027	ng	# 22
30) Pyrene	19.536	202	494	0.030	ng	97
32) Benzo(a)anthracene	21.286	228	377	0.026	ng	# 68
33) Chrysene	21.331	228	402	0.026	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.214	149	751	0.084	ng	98
36) Indeno(1,2,3-cd)pyrene	25.849	276	351	0.026	ng	# 77

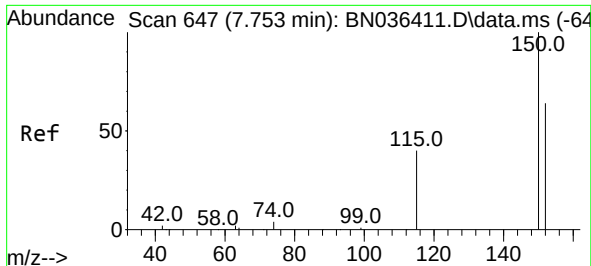
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036551.D
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Sample : Q1500-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305

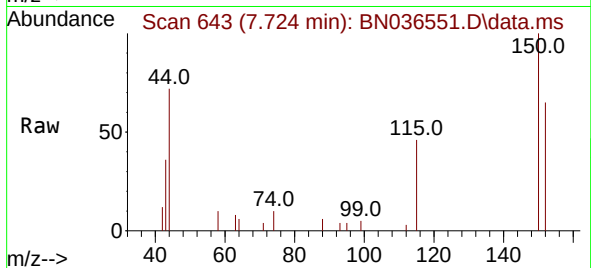
Quant Time: Mar 07 17:47:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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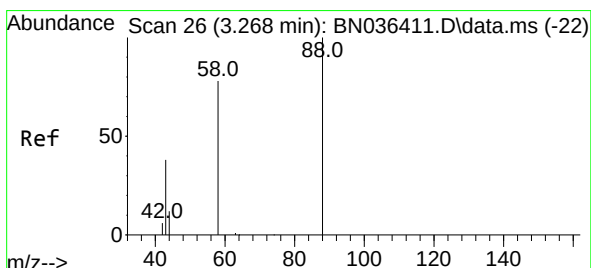
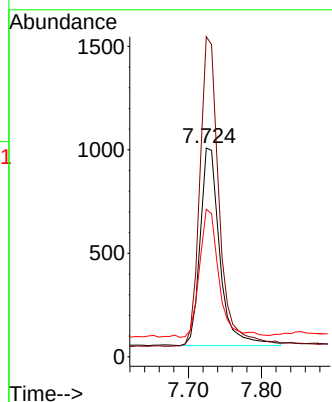
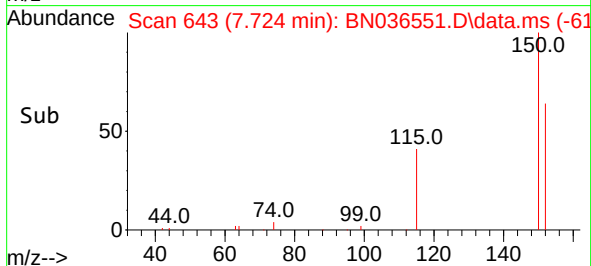


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036551.D
 Acq: 07 Mar 2025 17:25

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20250305

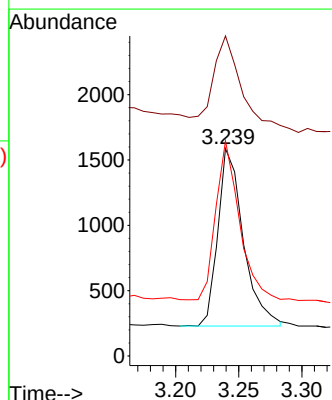
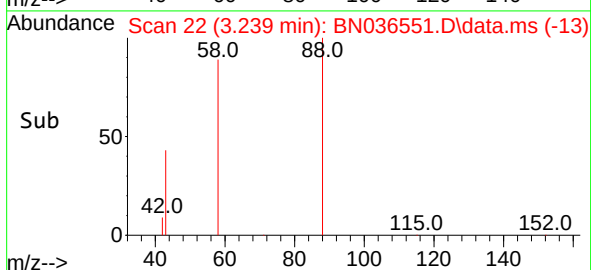
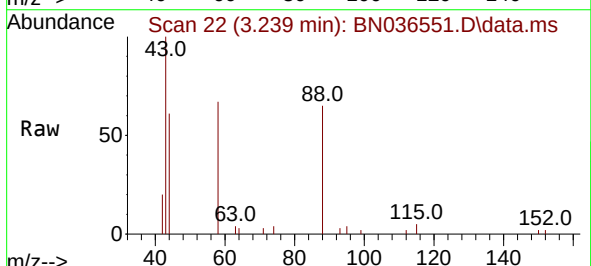


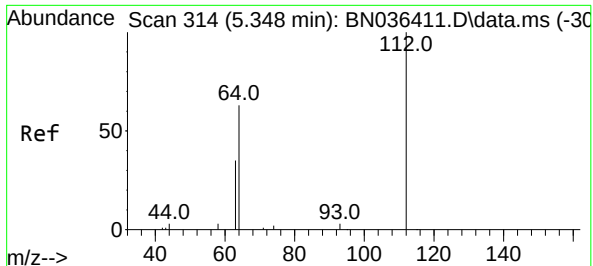
Tgt Ion:152 Resp: 1786
 Ion Ratio Lower Upper
 152 100
 150 153.3 123.7 185.5
 115 70.7 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.973 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN036551.D
 Acq: 07 Mar 2025 17:25

Tgt Ion: 88 Resp: 1902
 Ion Ratio Lower Upper
 88 100
 43 51.3 33.7 50.5#
 58 82.9 68.9 103.3

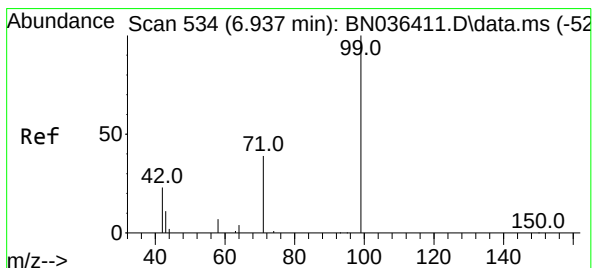
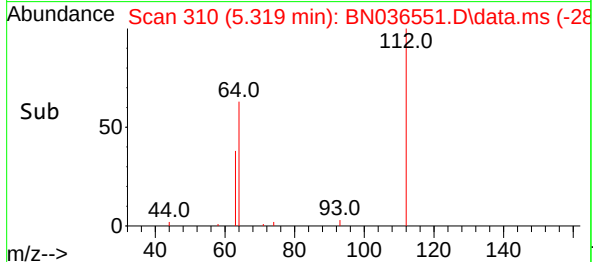
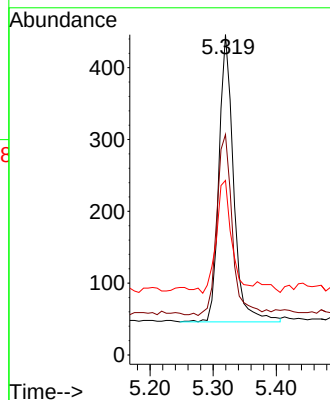
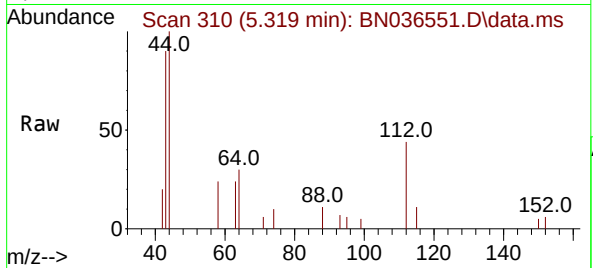




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.319 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

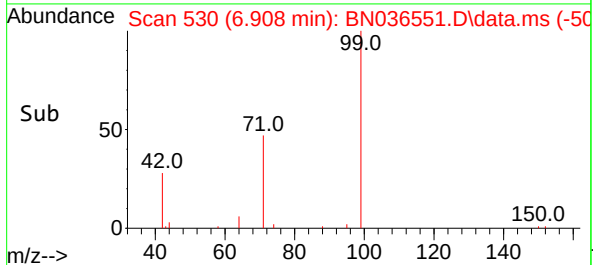
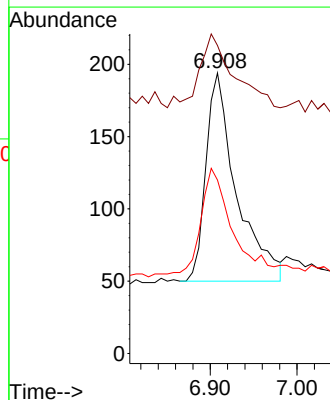
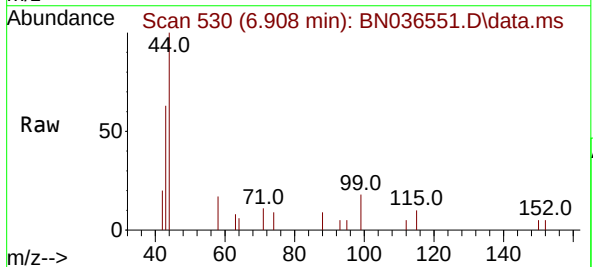
Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305

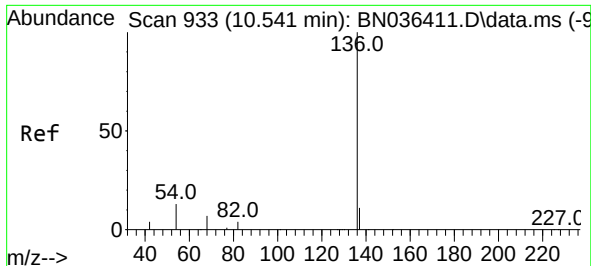
Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.4	80.0
63	41.5	30.3	45.5



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.908 min Scan# 530
Delta R.T. 0.007 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Tgt Ion	Ratio	Lower	Upper
99	100		
42	49.0	21.7	32.5#
71	55.0	32.6	49.0#

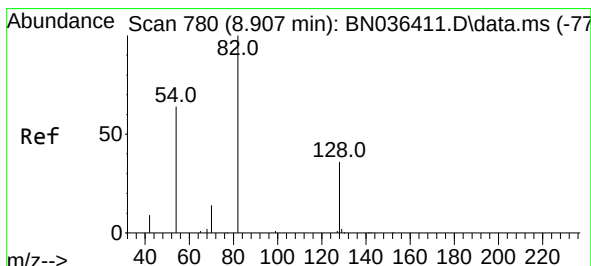
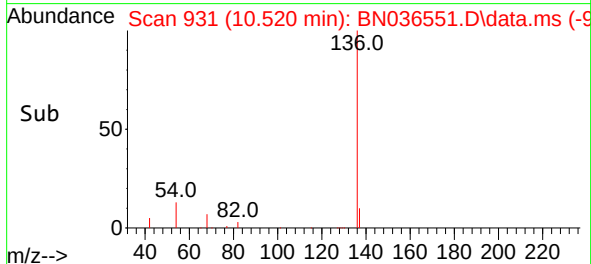
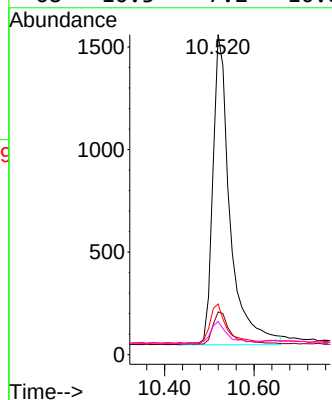
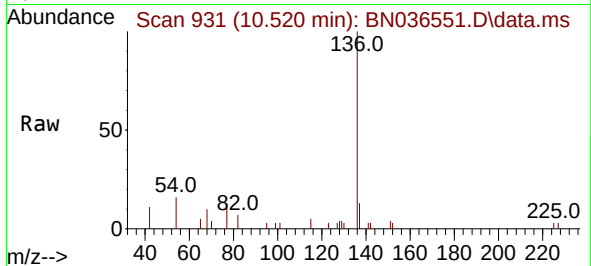




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

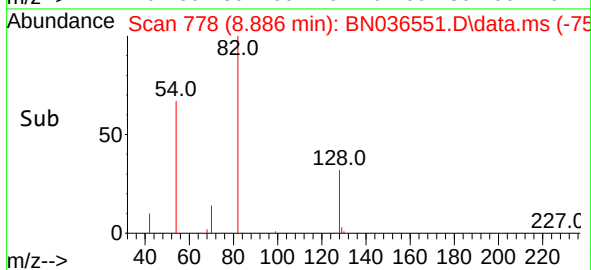
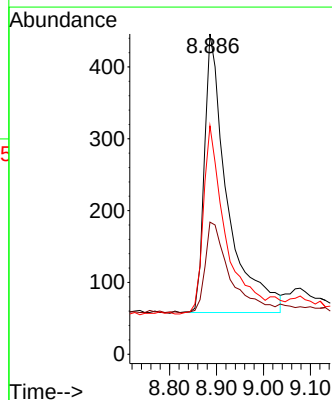
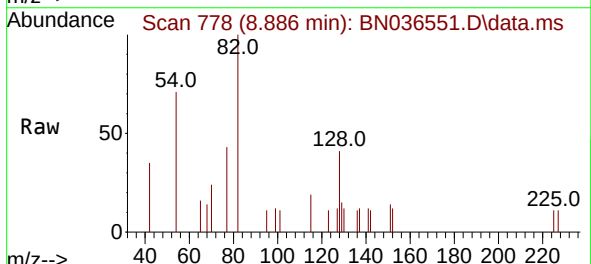
Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305

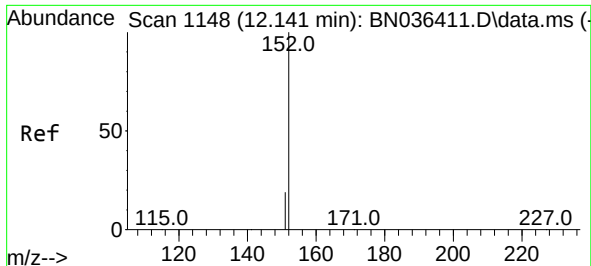
Tgt Ion:136	Resp:	4024
Ion	Ratio	Lower Upper
136	100	
137	13.3	10.1 15.1
54	15.8	11.8 17.6
68	10.3	7.2 10.8



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Tgt Ion: 82	Resp:	1315
Ion	Ratio	Lower Upper
82	100	
128	41.3	31.9 47.9
54	71.3	53.1 79.7

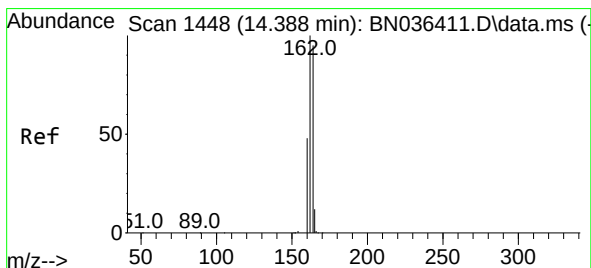
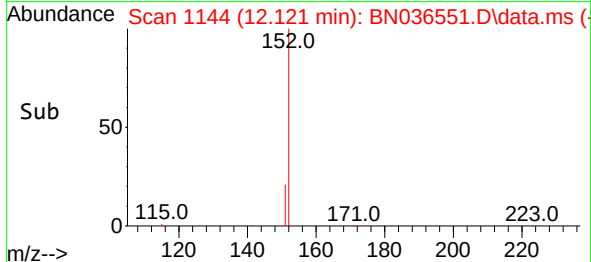
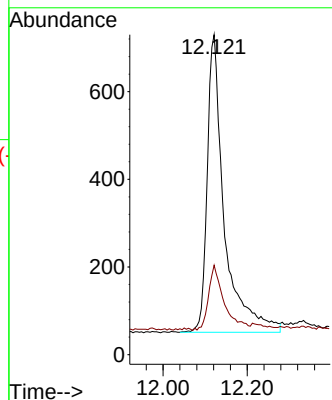
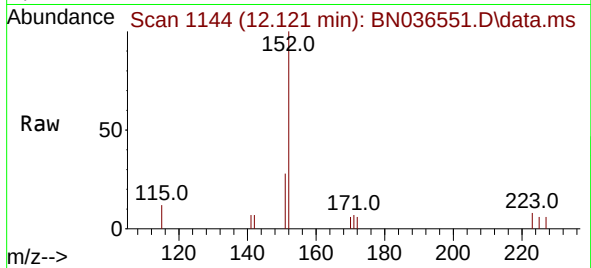




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.121 min Scan# 1144
Delta R.T. 0.015 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

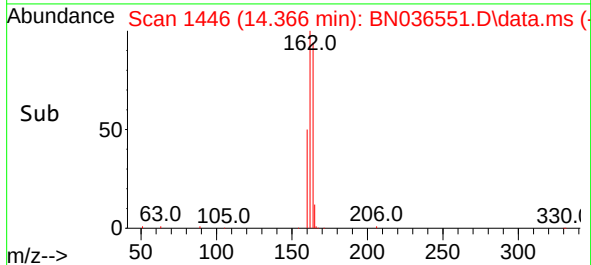
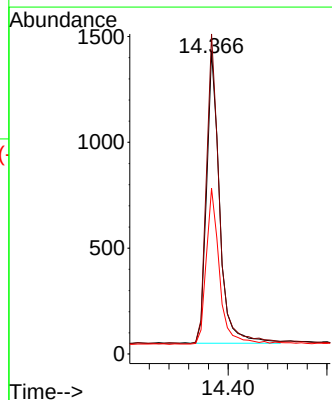
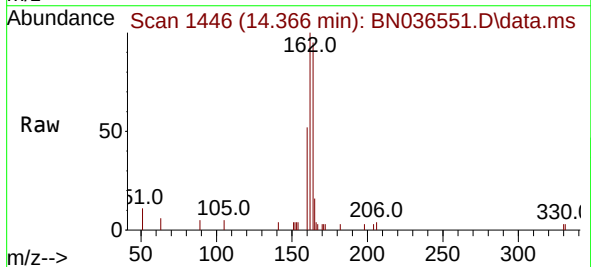
Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305

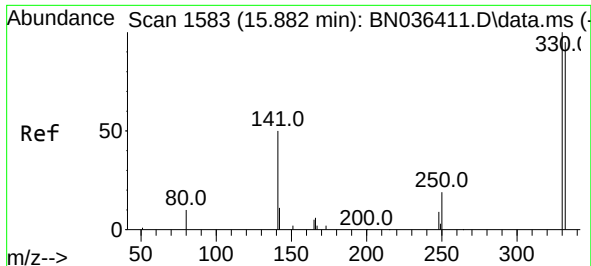
Tgt Ion:152 Resp: 1913
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

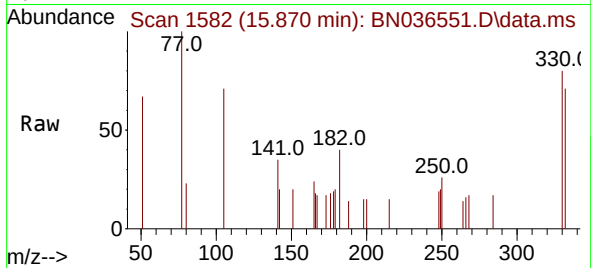
Tgt Ion:164 Resp: 2522
Ion Ratio Lower Upper
164 100
162 105.7 84.1 126.1
160 54.8 41.4 62.0



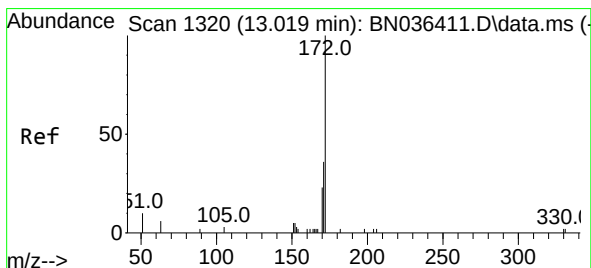
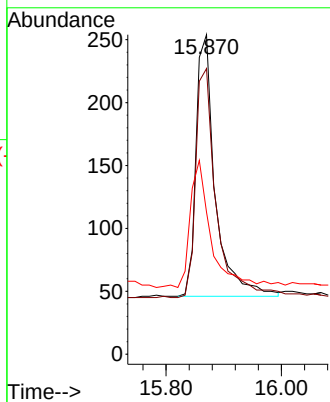
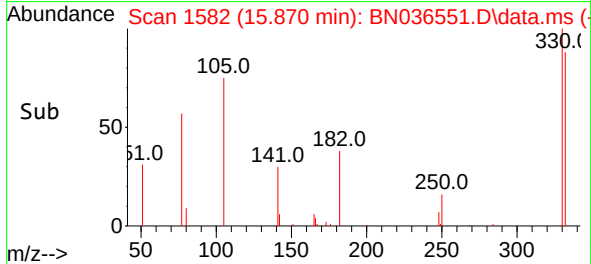


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.870 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

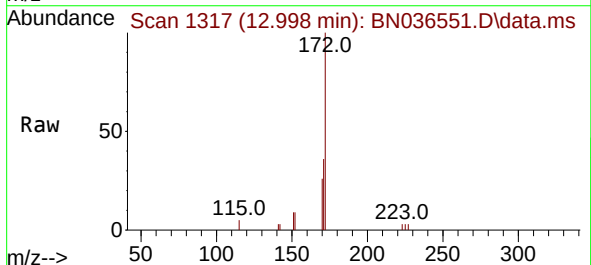
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ClientSampleId :
MW179D2-20250305



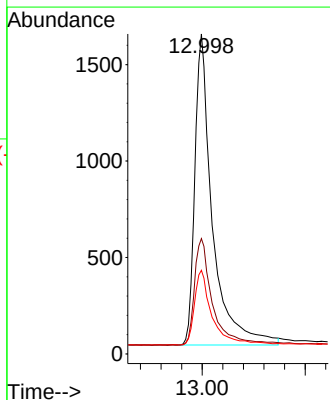
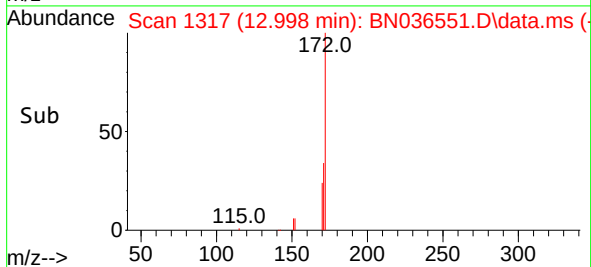
Tgt Ion:330 Resp: 482
Ion Ratio Lower Upper
330 100
332 94.2 76.6 114.8
141 50.8 37.8 56.8

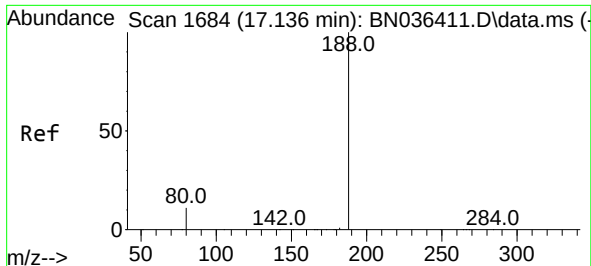


#15
2-Fluorobiphenyl
Concen: 0.504 ng
RT: 12.998 min Scan# 1317
Delta R.T. 0.010 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25



Tgt Ion:172 Resp: 4777
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 26.2 19.8 29.6

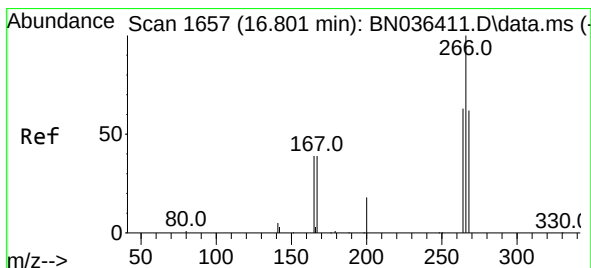
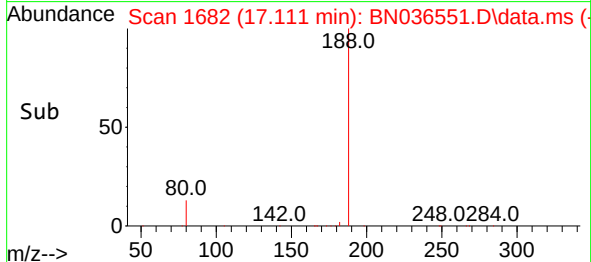
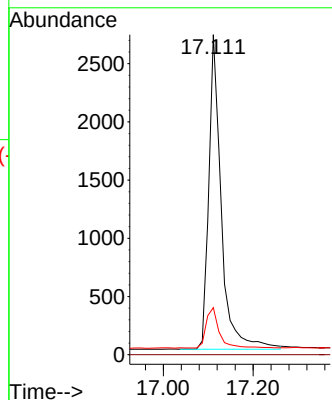
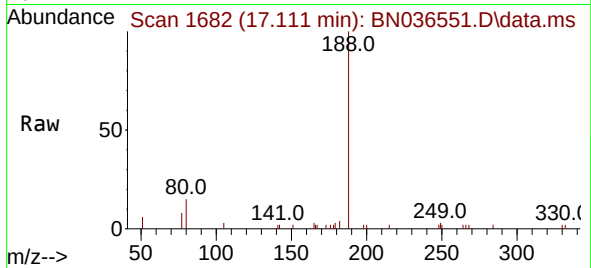




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

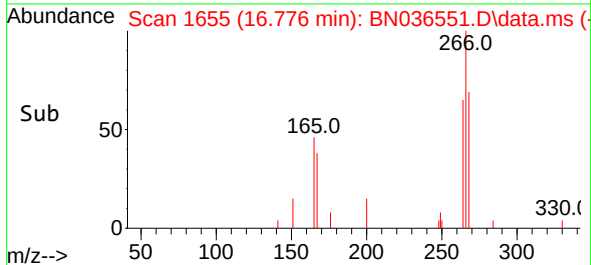
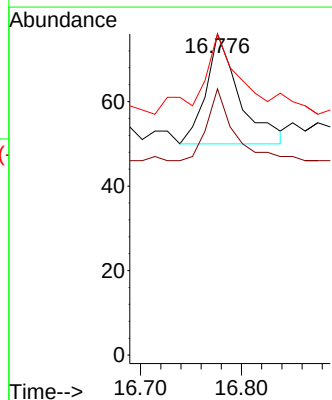
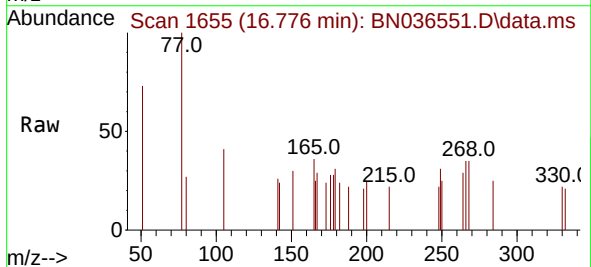
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BNA_N
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MW179D2-20250305

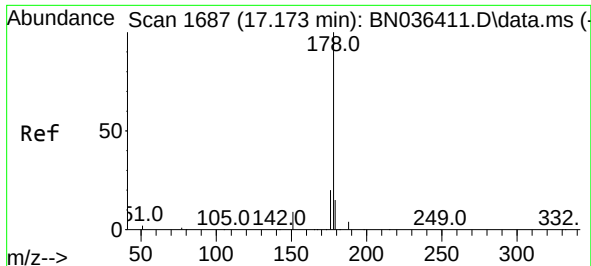
Tgt Ion:188 Resp: 5219
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 9.8 14.6#



#24
Pentachlorophenol
Concen: 0.033 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
264 60.0 50.6 76.0
268 91.7 51.9 77.9#

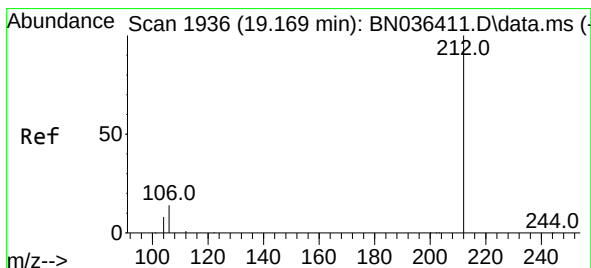
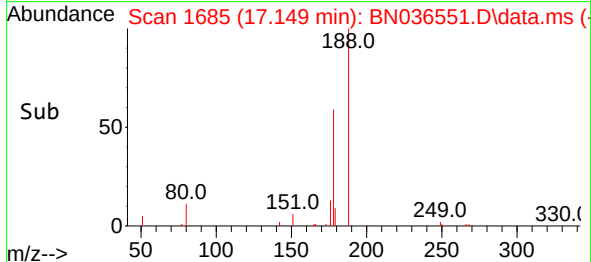
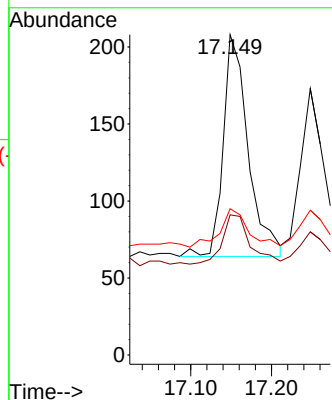
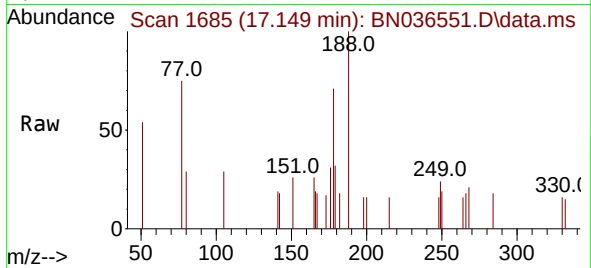




#25
Phenanthrene
Concen: 0.021 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

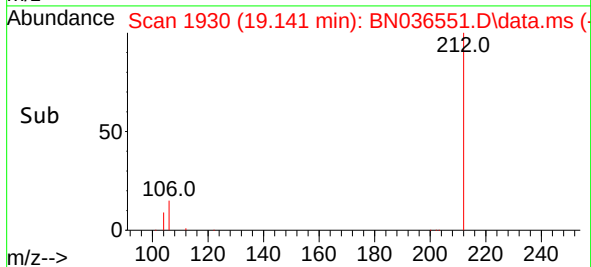
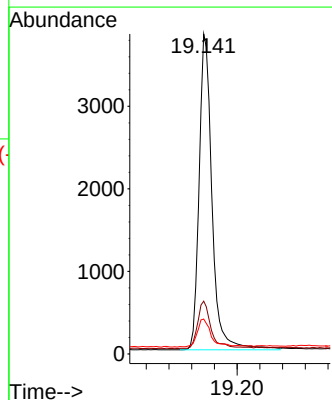
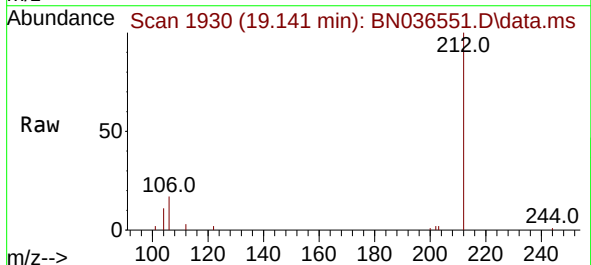
Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305

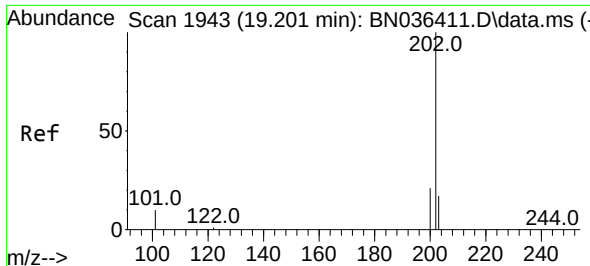
Tgt Ion:178 Resp: 310
Ion Ratio Lower Upper
178 100
176 24.8 15.7 23.5#
179 19.7 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Tgt Ion:212 Resp: 6034
Ion Ratio Lower Upper
212 100
106 15.8 11.5 17.3
104 9.8 7.1 10.7

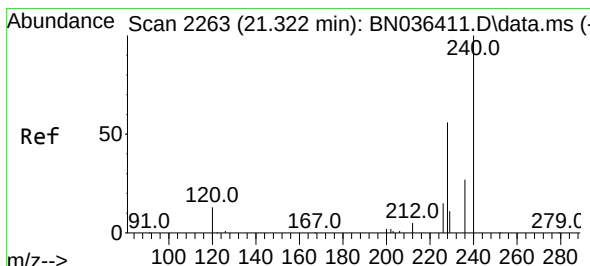
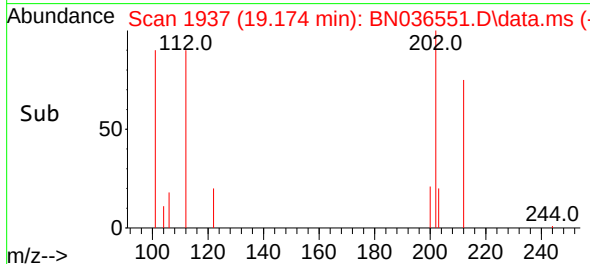
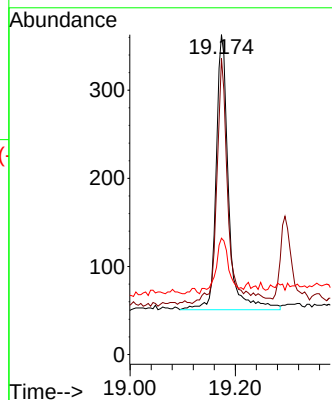
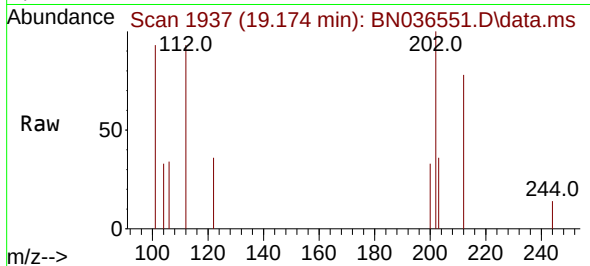




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.174 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

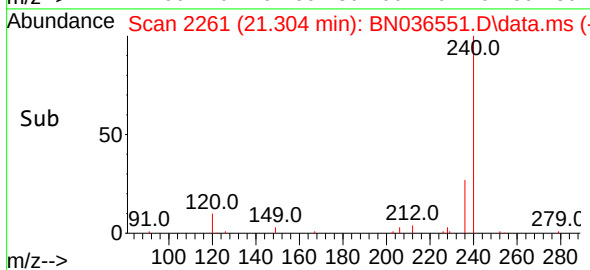
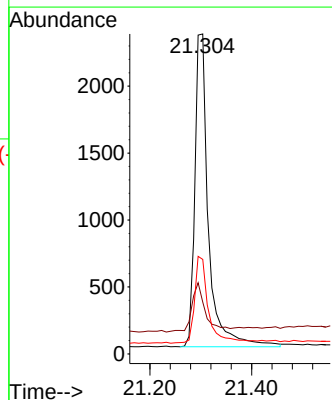
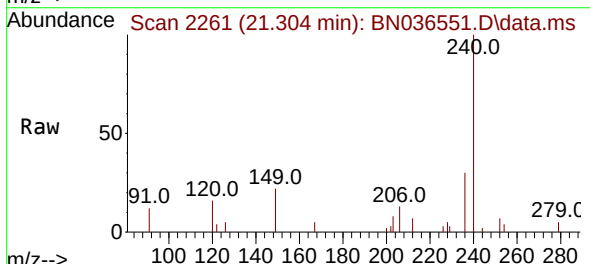
Instrument :
BNA_N
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MW179D2-20250305

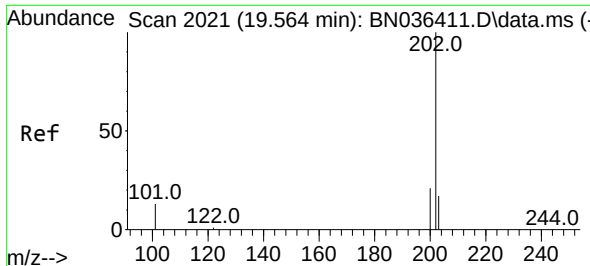
Tgt Ion:202 Resp: 508
Ion Ratio Lower Upper
202 100
101 78.1 9.2 13.8#
203 21.9 13.4 20.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Tgt Ion:240 Resp: 4347
Ion Ratio Lower Upper
240 100
120 16.2 13.3 19.9
236 29.5 23.0 34.6

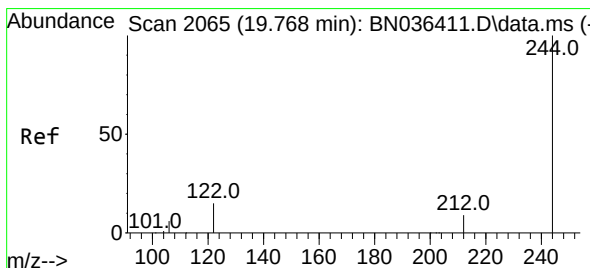
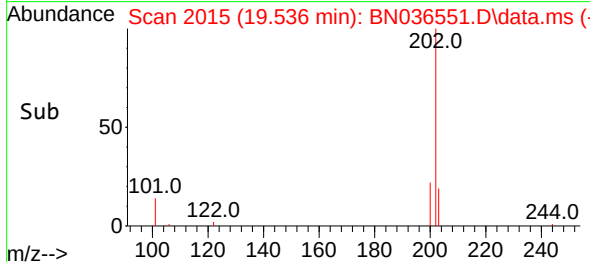
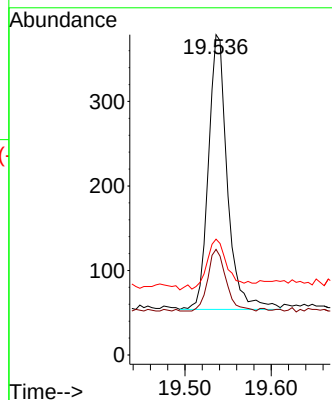
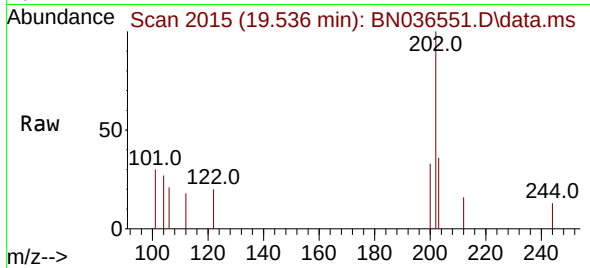




#30
 Pyrene
 Concen: 0.030 ng
 RT: 19.536 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN036551.D
 Acq: 07 Mar 2025 17:25

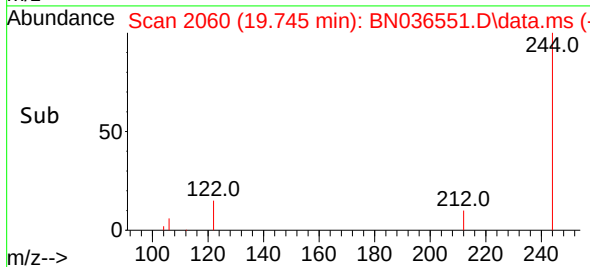
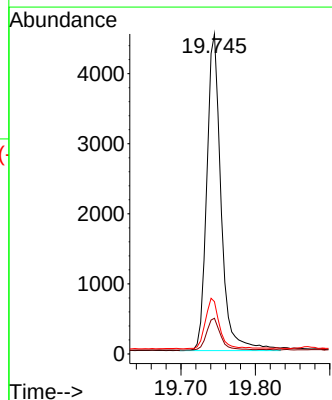
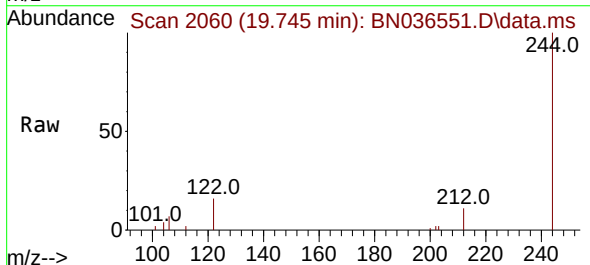
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20250305

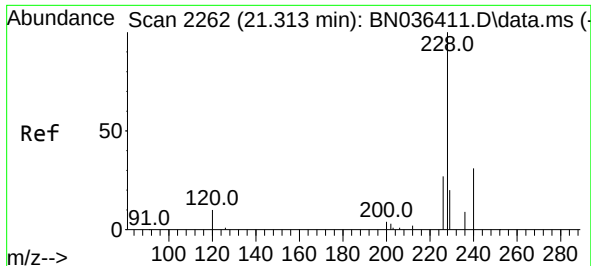
Tgt Ion:	202	Resp:	494
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	20.0	13.9	20.9



#31
 Terphenyl-d14
 Concen: 0.649 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036551.D
 Acq: 07 Mar 2025 17:25

Tgt Ion:	244	Resp:	6019
Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.1	12.1
122	16.3	12.8	19.2

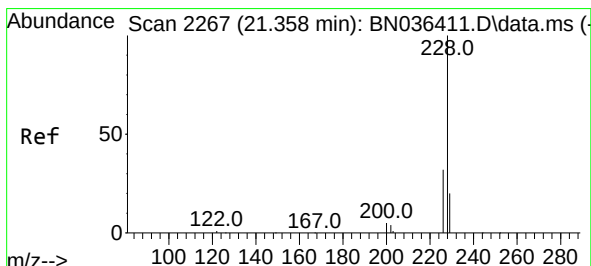
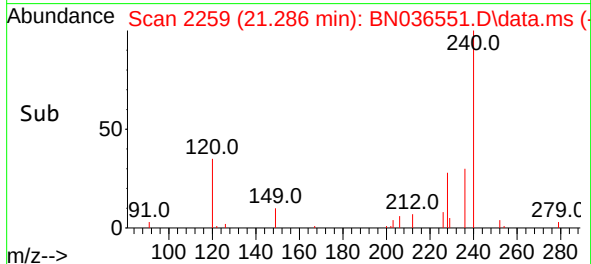
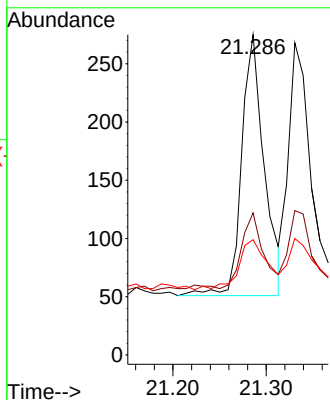
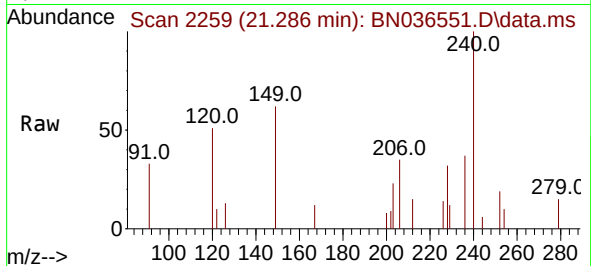




#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.286 min Scan# 2126
Delta R.T. 0.009 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

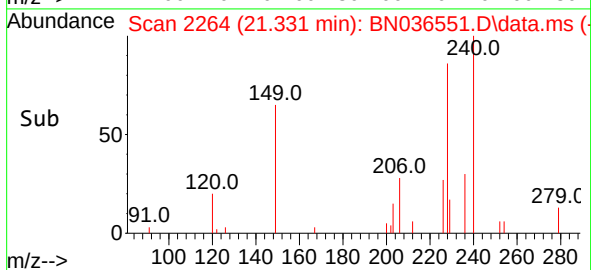
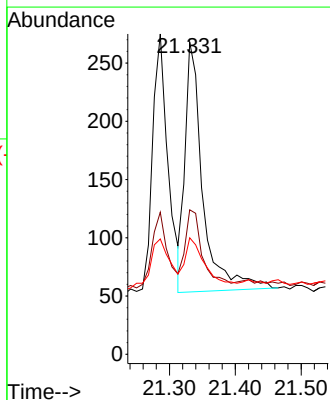
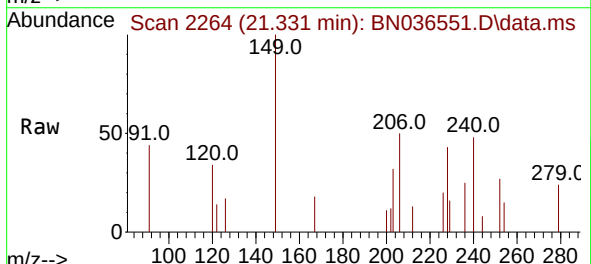
Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305

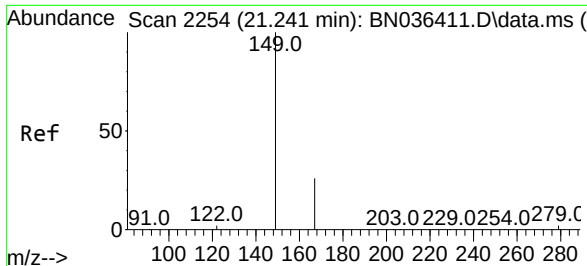
Tgt Ion:228 Resp: 377
Ion Ratio Lower Upper
228 100
226 44.4 22.2 33.2#
229 36.0 16.5 24.7#



#33
Chrysene
Concen: 0.026 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Tgt Ion:228 Resp: 402
Ion Ratio Lower Upper
228 100
226 46.3 25.5 38.3#
229 37.3 16.4 24.6#

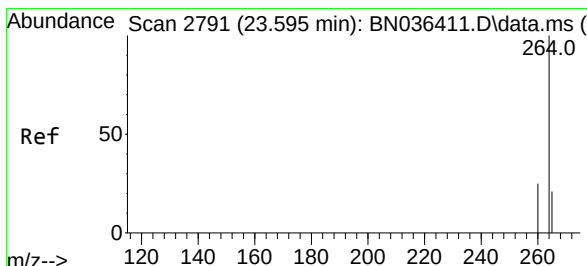
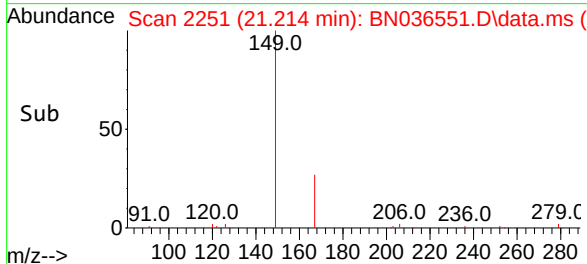
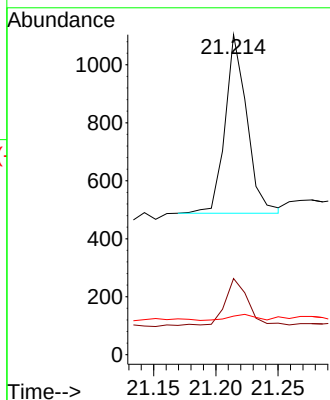
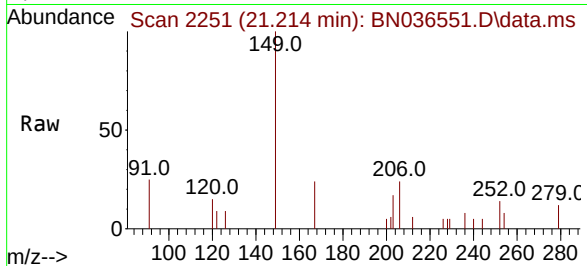




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036551.D
 Acq: 07 Mar 2025 17:25

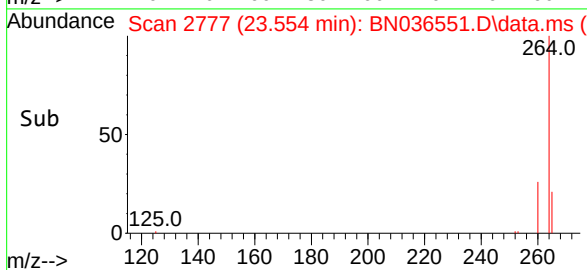
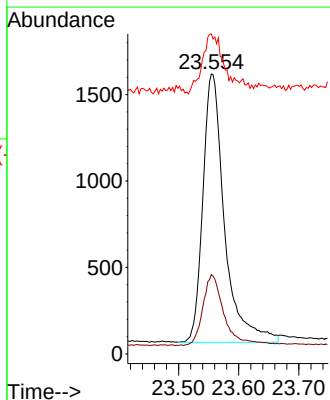
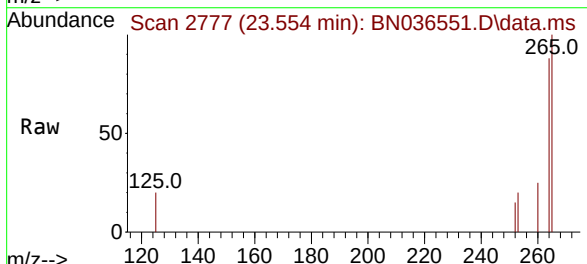
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20250305

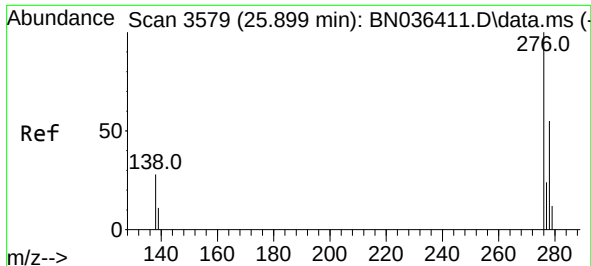
Tgt Ion:	149	Resp:	751
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.2	31.8
279	4.0	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.003 min
 Lab File: BN036551.D
 Acq: 07 Mar 2025 17:25

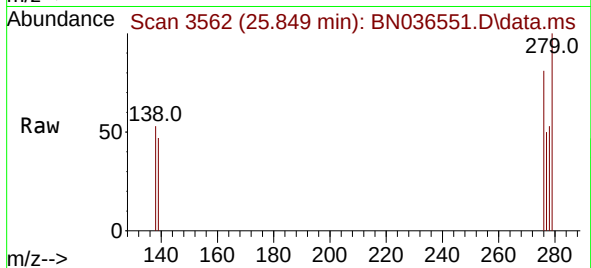
Tgt Ion:	264	Resp:	3883
Ion Ratio	Lower	Upper	
264	100		
260	28.3	20.9	31.3
265	114.3	60.7	91.1#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 25.849 min Scan# 3562
Delta R.T. 0.012 min
Lab File: BN036551.D
Acq: 07 Mar 2025 17:25

Instrument :
BNA_N
ClientSampleId :
MW179D2-20250305



Tgt Ion:276 Resp: 351
Ion Ratio Lower Upper
276 100
138 16.5 22.2 33.2#
277 12.0 19.8 29.6#

