

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036550.D
 Acq On : 07 Mar 2025 16:49
 Operator : RC/JU
 Sample : Q1500-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20250305

Quant Time: Mar 07 17:12:11 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)

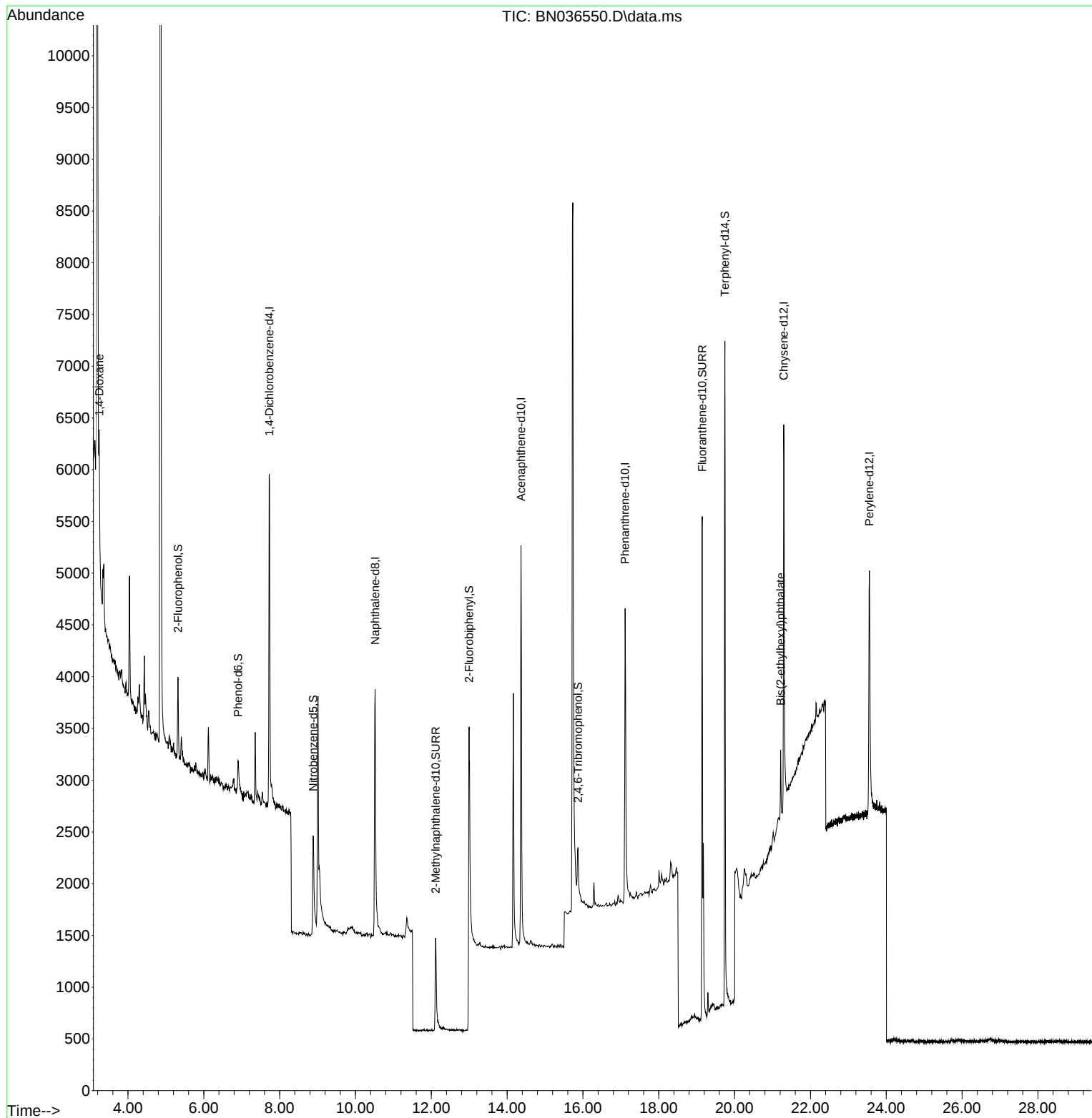
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1774	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4075	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2479	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5157	0.400	ng	# 0.00
29) Chrysene-d12	21.295	240	4384	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	4009	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	564	0.135	ng	0.00
5) Phenol-d6	6.908	99	415	0.084	ng	0.00
8) Nitrobenzene-d5	8.886	82	1231	0.306	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	1946	0.311	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	362	0.295	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	5047	0.541	ng	0.01
27) Fluoranthene-d10	19.146	212	6183	0.431	ng	0.00
31) Terphenyl-d14	19.745	244	6846	0.732	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	571	0.294	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.214	149	583	0.065	ng	# 97

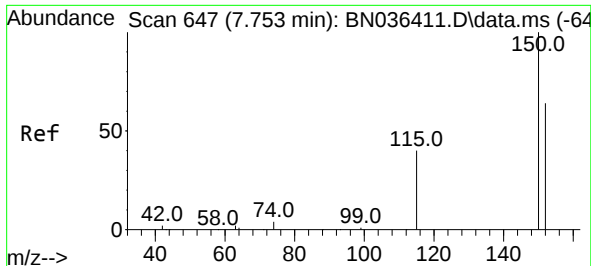
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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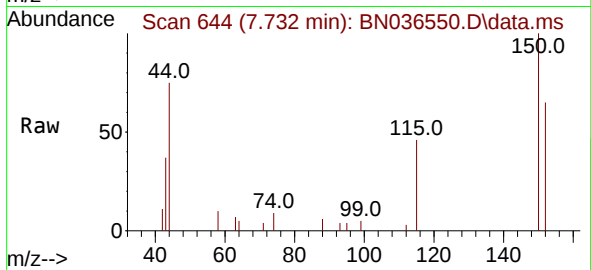
Quant Time: Mar 07 17:12:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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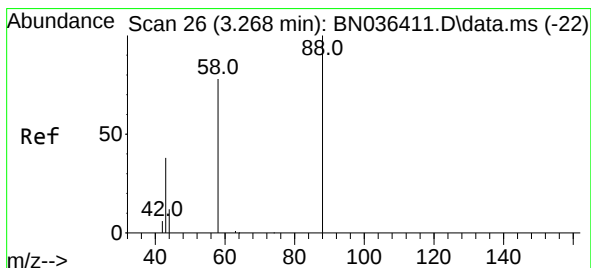
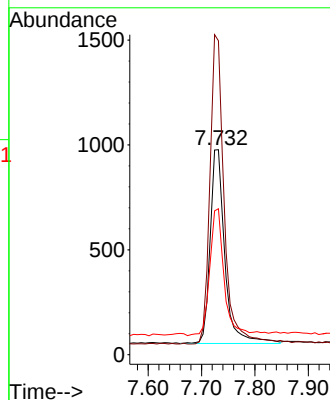
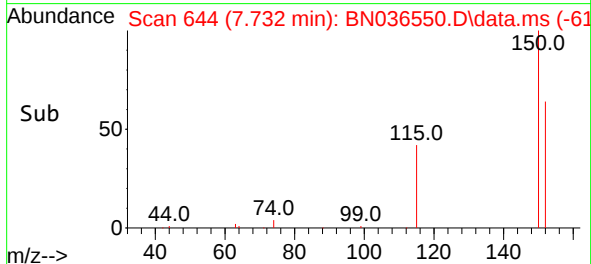


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN036550.D
 Acq: 07 Mar 2025 16:49

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20250305

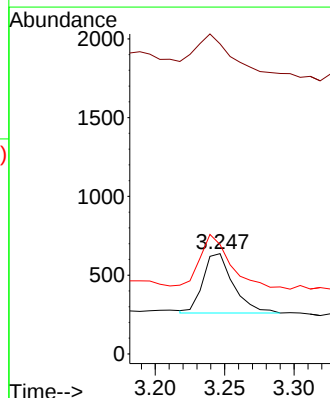
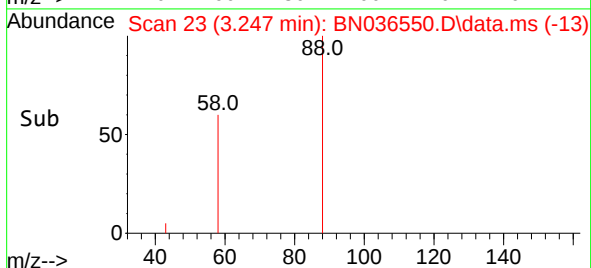
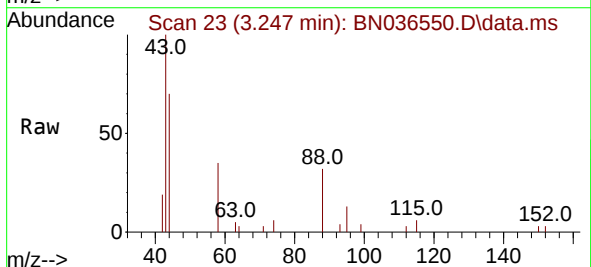


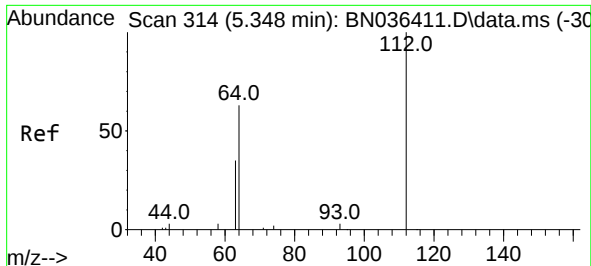
Tgt Ion:152 Resp: 1774
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.7 185.5
 115 71.2 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.294 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN036550.D
 Acq: 07 Mar 2025 16:49

Tgt Ion: 88 Resp: 571
 Ion Ratio Lower Upper
 88 100
 43 75.0 33.7 50.5#
 58 86.3 68.9 103.3

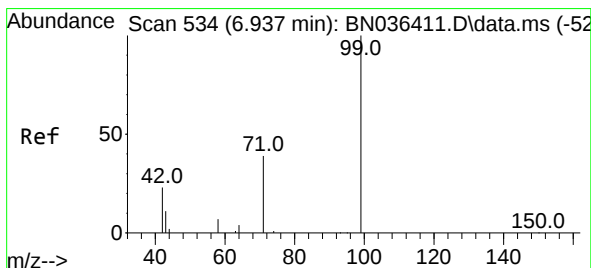
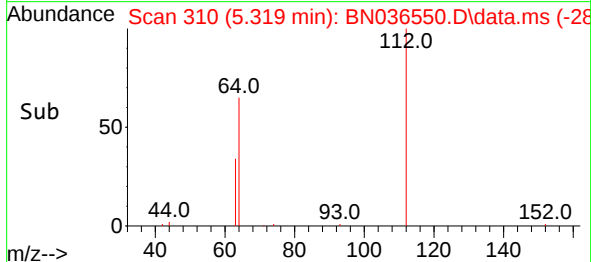
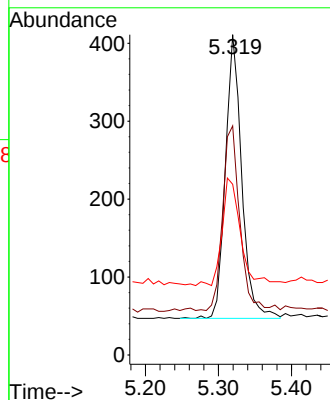
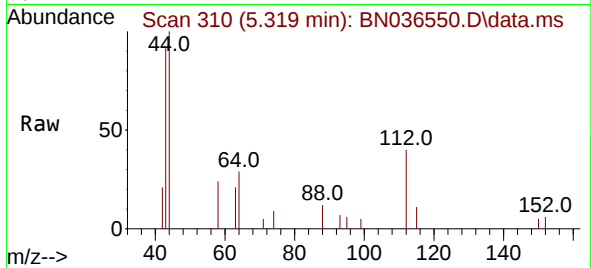




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.319 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

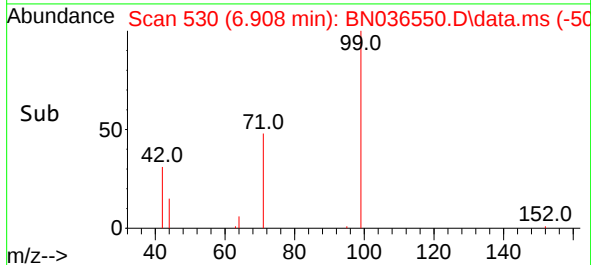
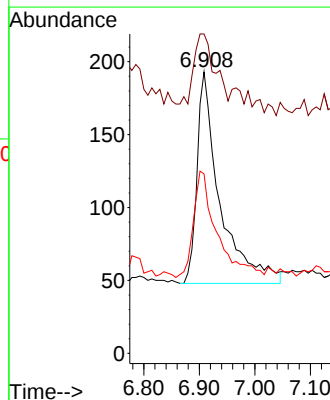
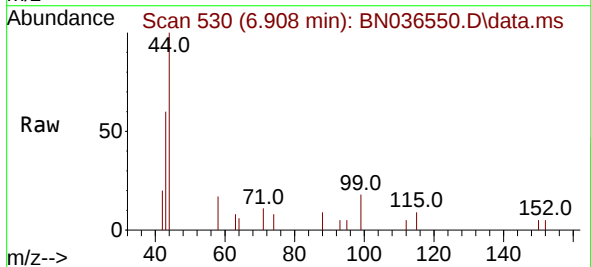
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250305

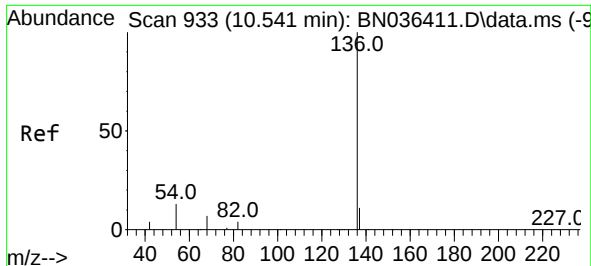
Tgt Ion:112 Resp: 564
Ion Ratio Lower Upper
112 100
64 67.7 53.4 80.0
63 42.0 30.3 45.5



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.908 min Scan# 530
Delta R.T. 0.007 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

Tgt Ion: 99 Resp: 415
Ion Ratio Lower Upper
99 100
42 31.1 21.7 32.5
71 51.3 32.6 49.0#

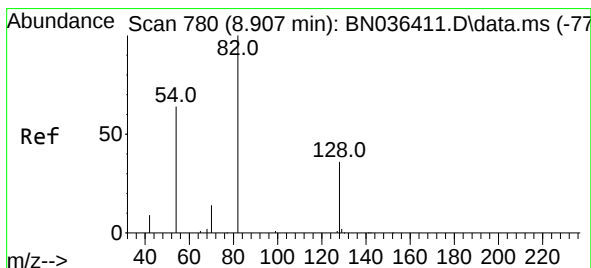
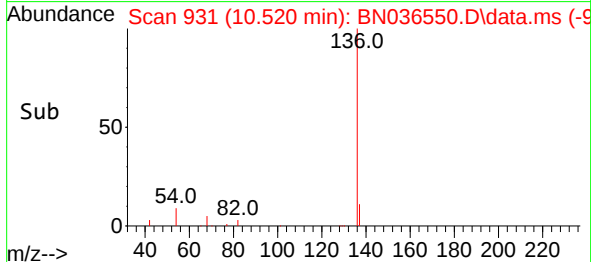
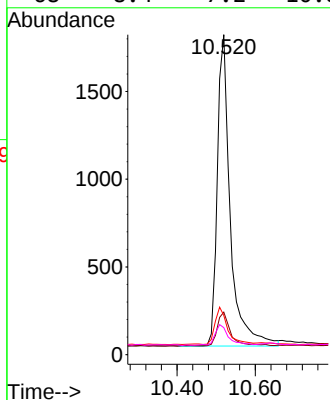
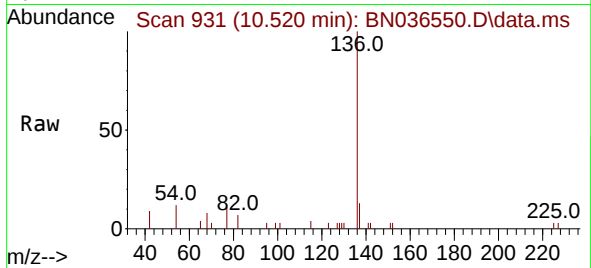




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

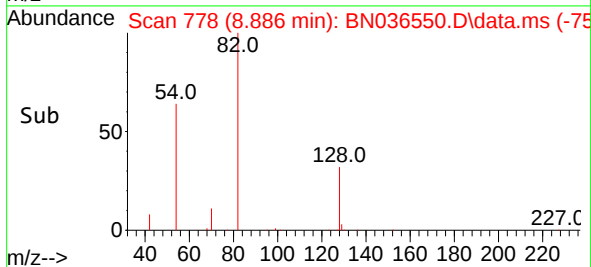
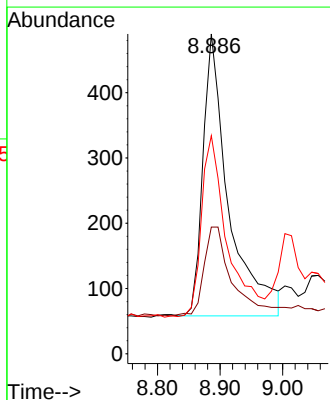
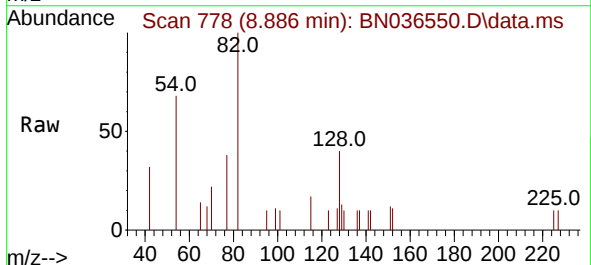
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250305

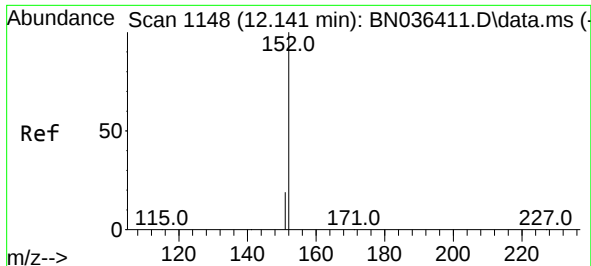
Tgt Ion:	136	Resp:	4075
Ion Ratio	Lower	Upper	
136	100		
137	13.3	10.1	15.1
54	12.2	11.8	17.6
68	8.4	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

Tgt Ion:	82	Resp:	1231
Ion Ratio	Lower	Upper	
82	100		
128	39.6	31.9	47.9
54	68.2	53.1	79.7

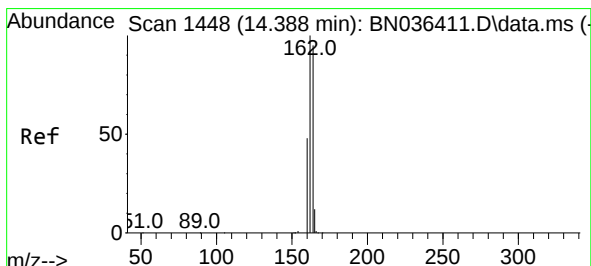
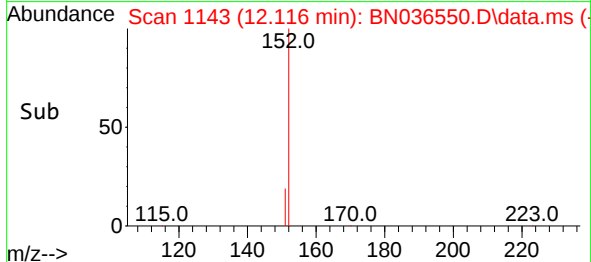
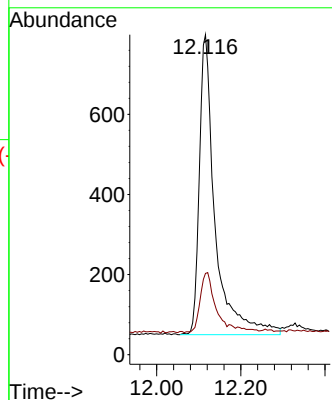
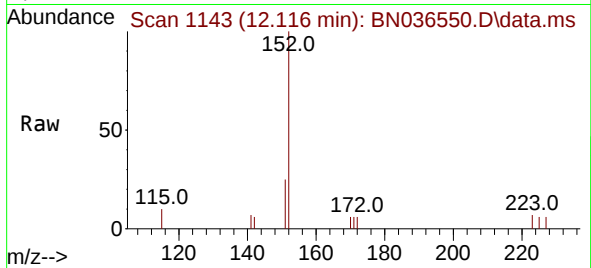




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

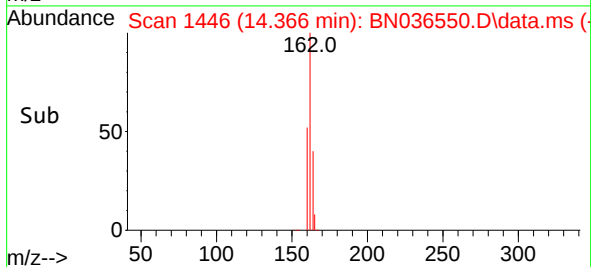
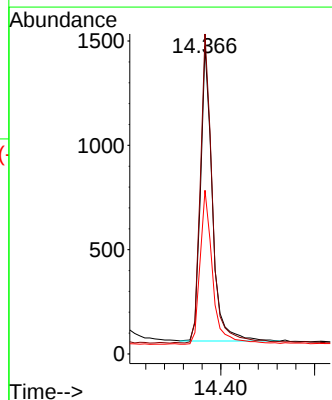
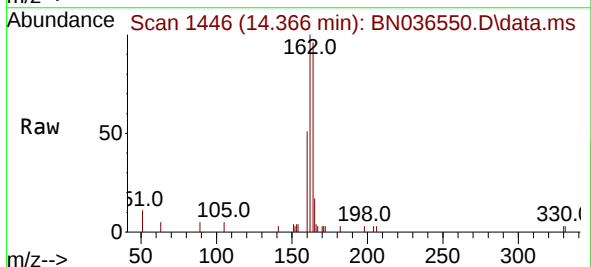
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250305

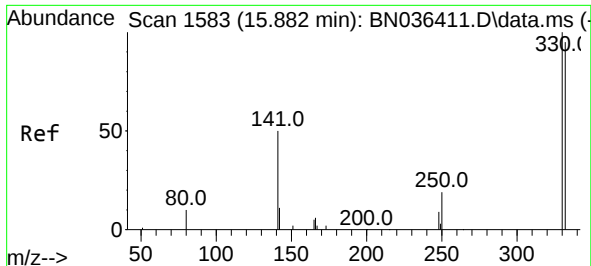
Tgt Ion:152 Resp: 1946
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

Tgt Ion:164 Resp: 2479
Ion Ratio Lower Upper
164 100
162 104.0 84.1 126.1
160 53.2 41.4 62.0





#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.870 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN036550.D

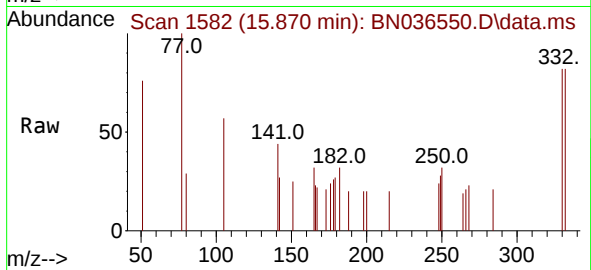
Acq: 07 Mar 2025 16:49

Instrument :

BNA_N

ClientSampleId :

MW179D1-20250305



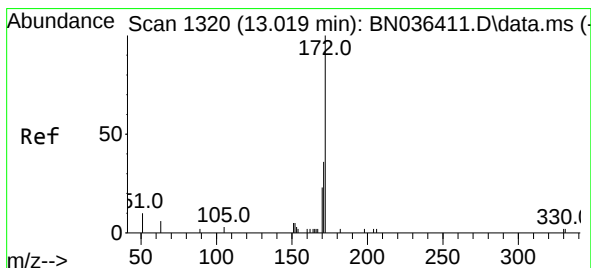
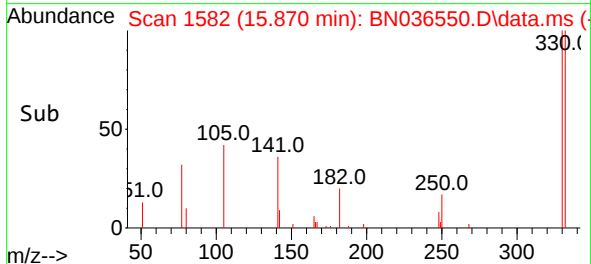
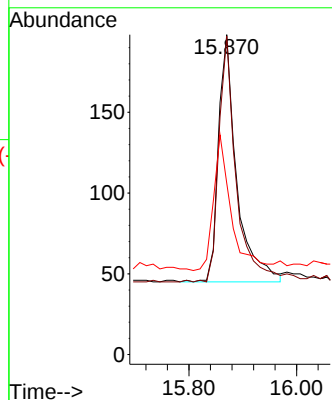
Tgt Ion:330 Resp: 362

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

141 52.2 37.8 56.8



#15

2-Fluorobiphenyl

Concen: 0.541 ng

RT: 12.998 min Scan# 1317

Delta R.T. 0.010 min

Lab File: BN036550.D

Acq: 07 Mar 2025 16:49

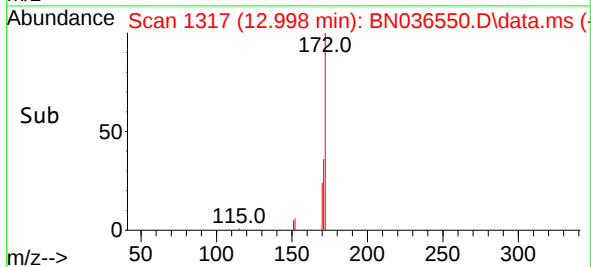
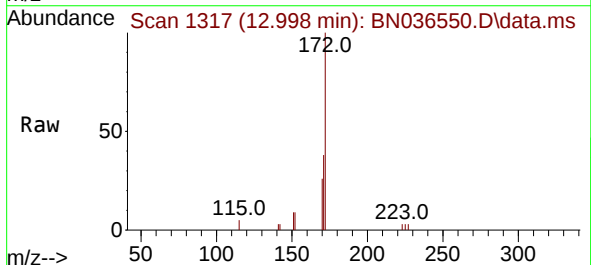
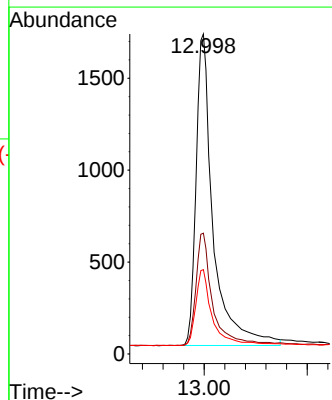
Tgt Ion:172 Resp: 5047

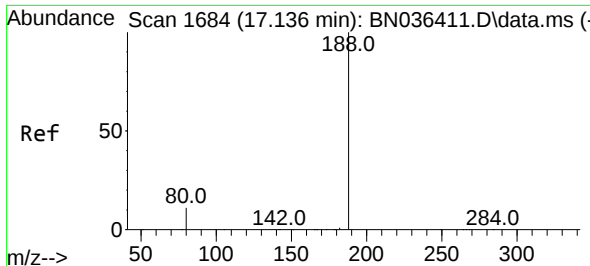
Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

170 26.4 19.8 29.6

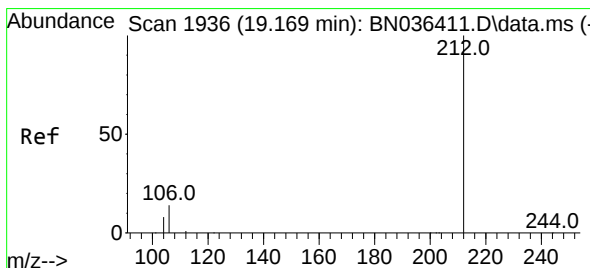
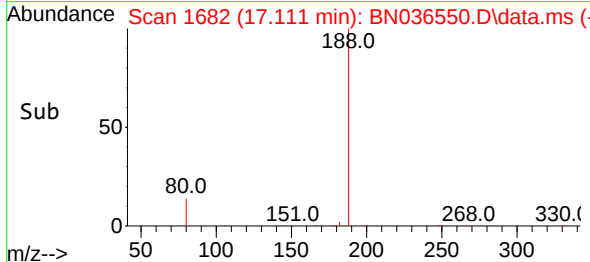
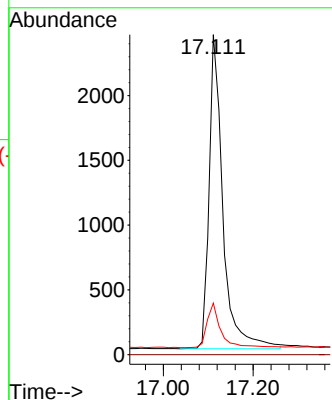
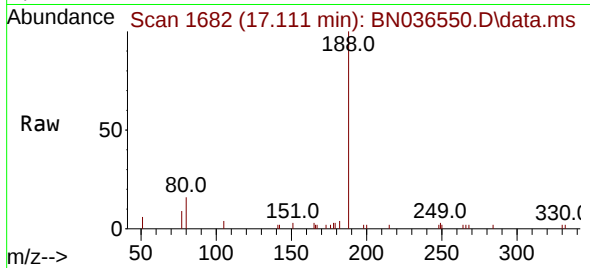




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

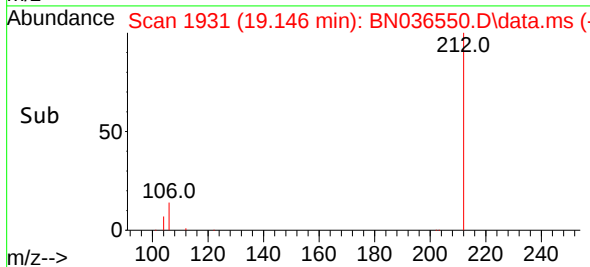
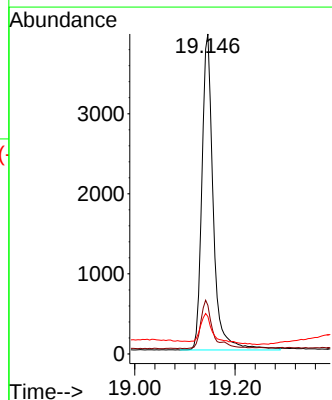
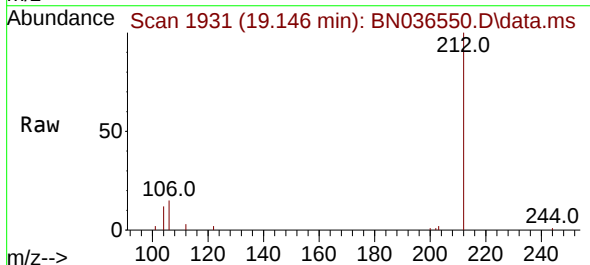
Instrument :
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ClientSampleId :
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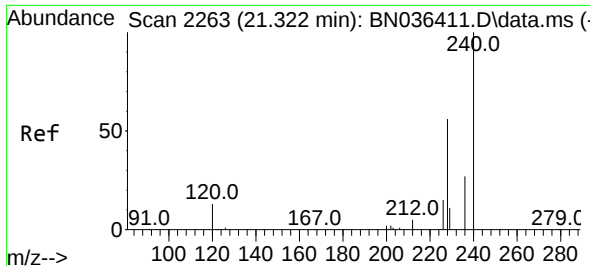
Tgt Ion:188 Resp: 5157
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 9.8 14.6#



#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

Tgt Ion:212 Resp: 6183
Ion Ratio Lower Upper
212 100
106 16.1 11.5 17.3
104 11.7 7.1 10.7#

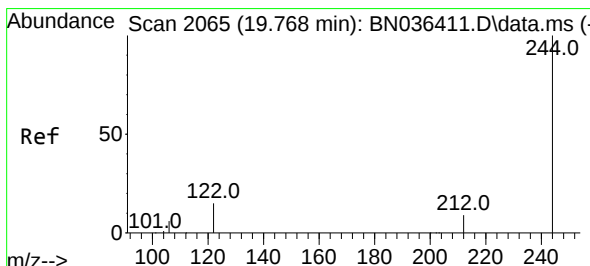
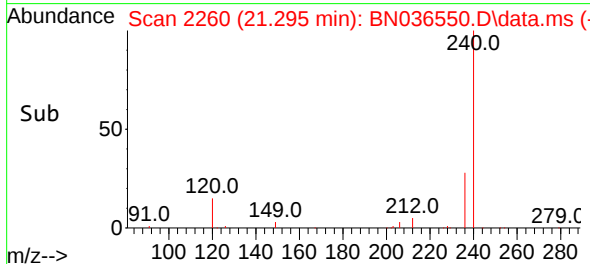
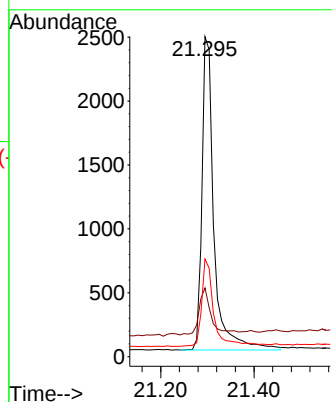
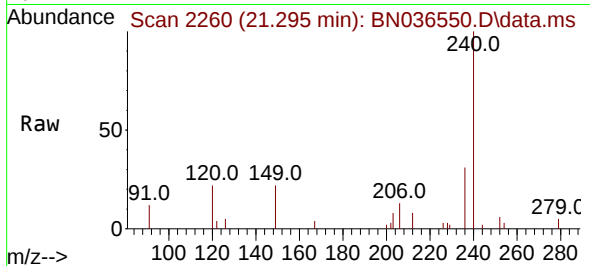




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

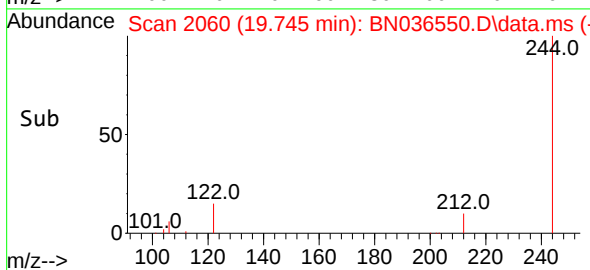
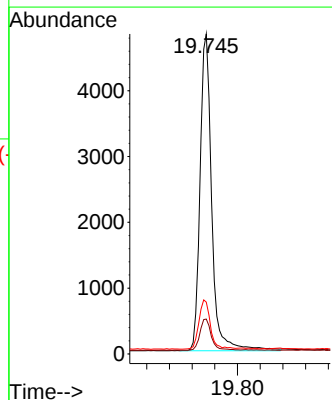
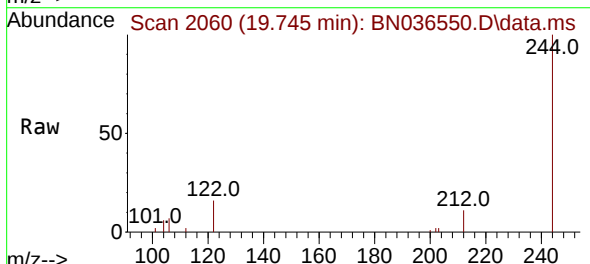
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250305

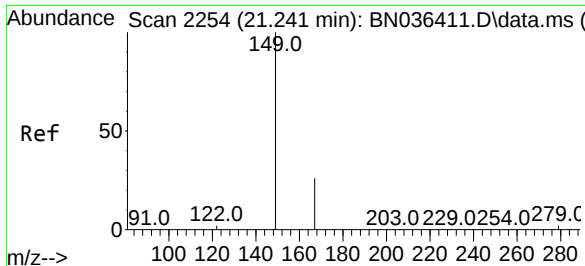
Tgt Ion:240 Resp: 4384
Ion Ratio Lower Upper
240 100
120 21.5 13.3 19.9#
236 30.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.732 ng
RT: 19.745 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN036550.D
Acq: 07 Mar 2025 16:49

Tgt Ion:244 Resp: 6846
Ion Ratio Lower Upper
244 100
212 10.9 8.1 12.1
122 16.2 12.8 19.2

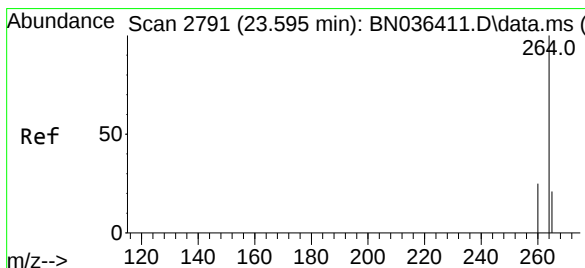
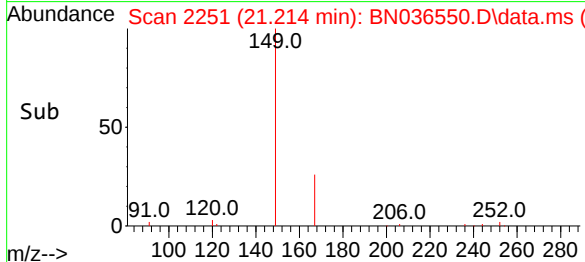
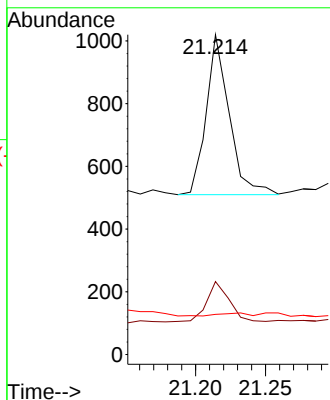
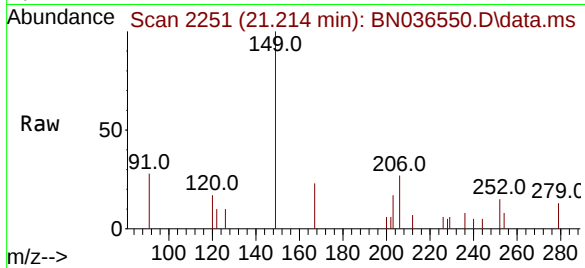




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.214 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BN036550.D
 Acq: 07 Mar 2025 16:49

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20250305

Tgt Ion:	149	Resp:	583
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.2	31.8
279	2.1	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: BN036550.D
 Acq: 07 Mar 2025 16:49

Tgt Ion:	264	Resp:	4009
Ion Ratio	Lower	Upper	
264	100		
260	28.1	20.9	31.3
265	114.6	60.7	91.1#

