

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036548.D
 Acq On : 07 Mar 2025 15:36
 Operator : RC/JU
 Sample : Q1500-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20250305

Quant Time: Mar 07 16:04:44 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)

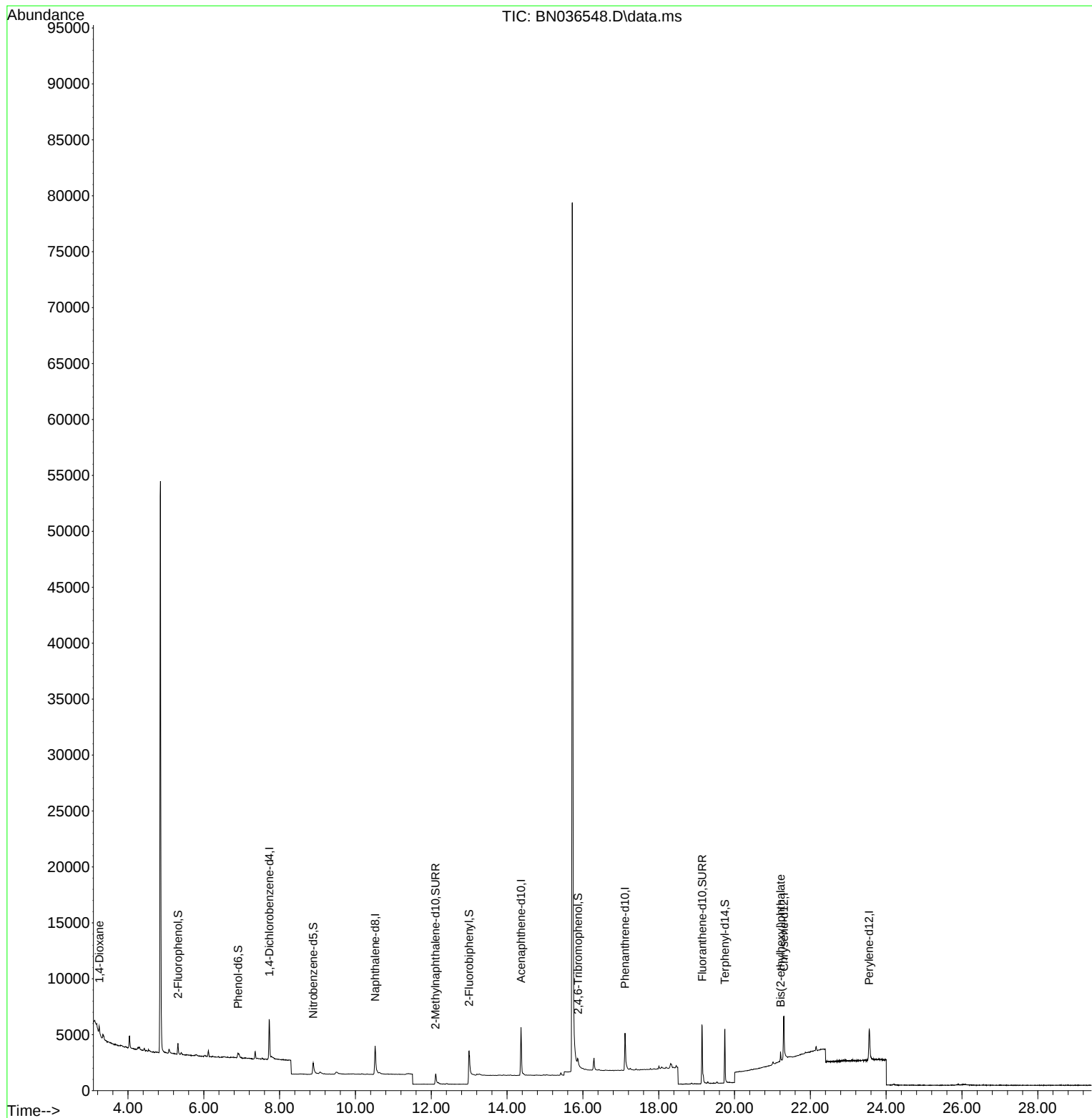
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	1905	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4445	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2762	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5661	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	4847	0.400	ng	0.00
35) Perylene-d12	23.551	264	4437	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	716	0.159	ng	0.00
5) Phenol-d6	6.908	99	487	0.092	ng	0.00
8) Nitrobenzene-d5	8.886	82	1363	0.311	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	2002	0.293	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	438	0.320	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	4747	0.457	ng	0.00
27) Fluoranthene-d10	19.146	212	6533	0.415	ng	0.00
31) Terphenyl-d14	19.745	244	4985	0.482	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	397	0.190	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.214	149	878	0.088	ng	# 97

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

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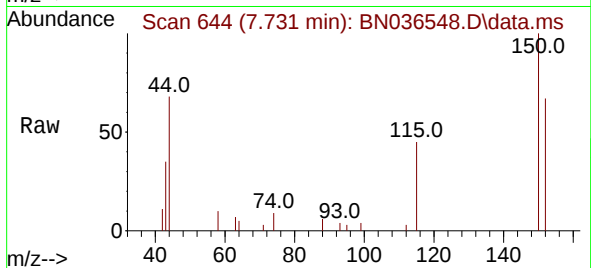
Quant Time: Mar 07 16:04:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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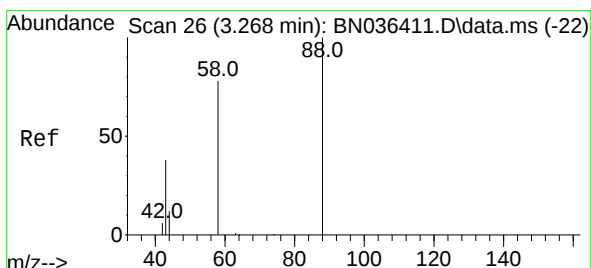
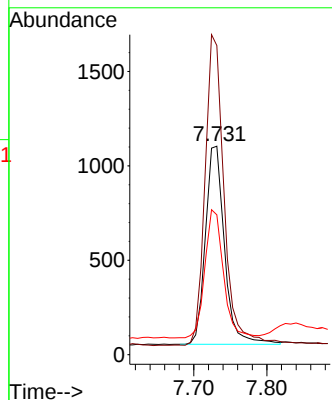
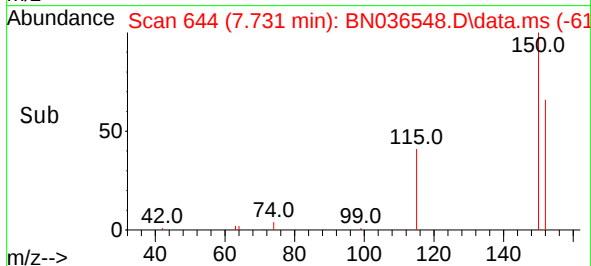


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.731 min Scan# 64
 Delta R.T. -0.001 min
 Lab File: BN036548.D
 Acq: 07 Mar 2025 15:36

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20250305

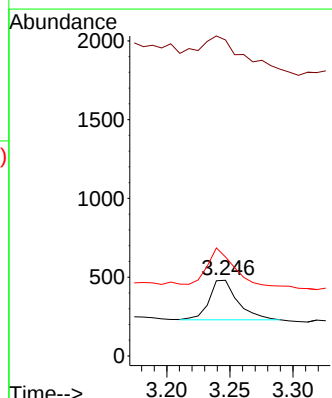
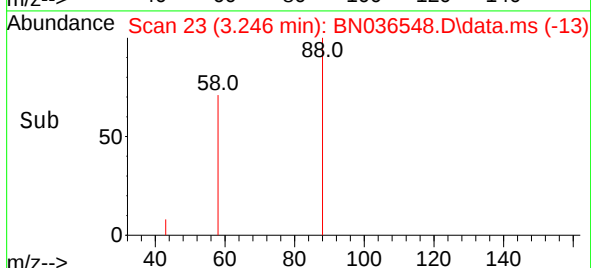
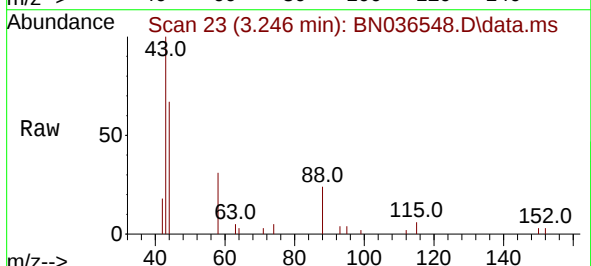


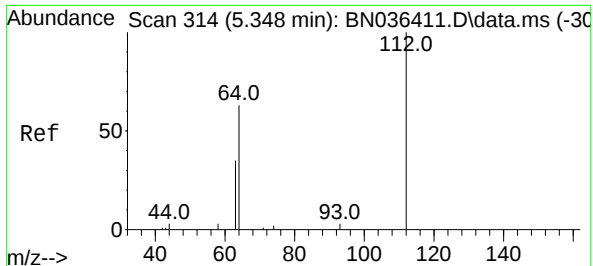
Tgt Ion:152 Resp: 1905
 Ion Ratio Lower Upper
 152 100
 150 148.3 123.7 185.5
 115 67.1 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.190 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN036548.D
 Acq: 07 Mar 2025 15:36

Tgt Ion: 88 Resp: 397
 Ion Ratio Lower Upper
 88 100
 43 96.5 33.7 50.5#
 58 86.6 68.9 103.3





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.319 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN036548.D

Acq: 07 Mar 2025 15:36

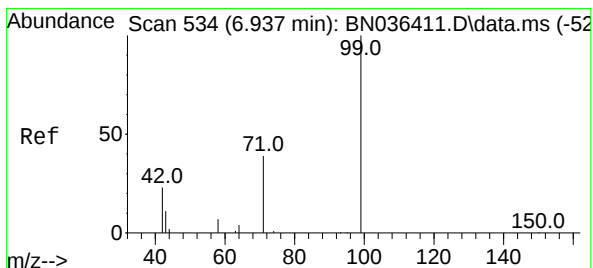
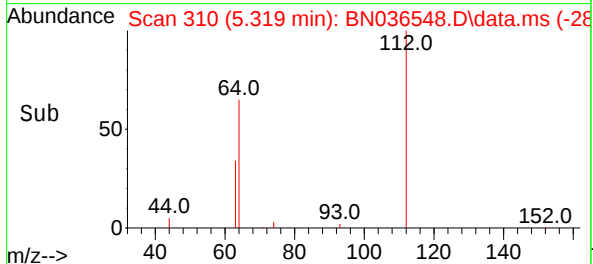
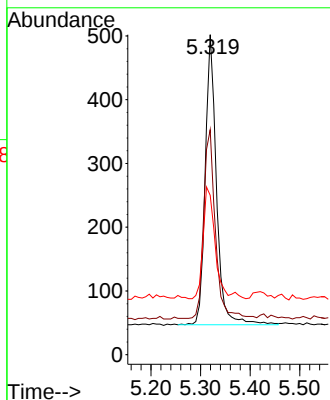
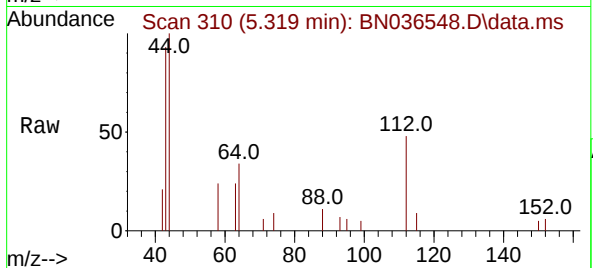
Instrument :

BNA_N

ClientSampleId :

MW178I-20250305

Tgt Ion:	112	Resp:	716
Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.4	80.0
63	40.5	30.3	45.5



#5

Phenol-d6

Concen: 0.092 ng

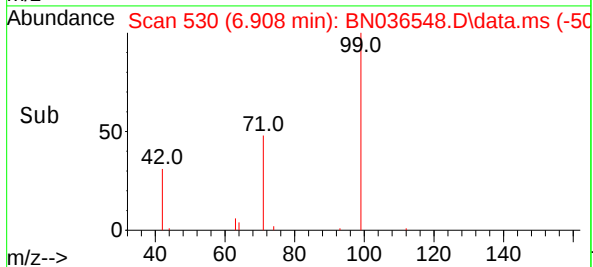
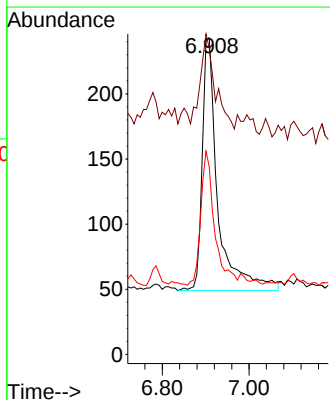
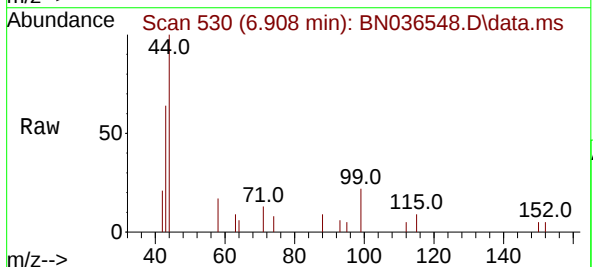
RT: 6.908 min Scan# 530

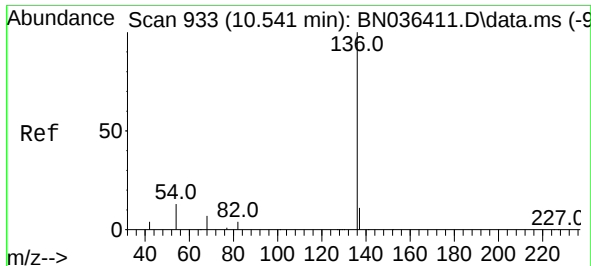
Delta R.T. 0.007 min

Lab File: BN036548.D

Acq: 07 Mar 2025 15:36

Tgt Ion:	99	Resp:	487
Ion	Ratio	Lower	Upper
99	100		
42	35.5	21.7	32.5#
71	46.6	32.6	49.0

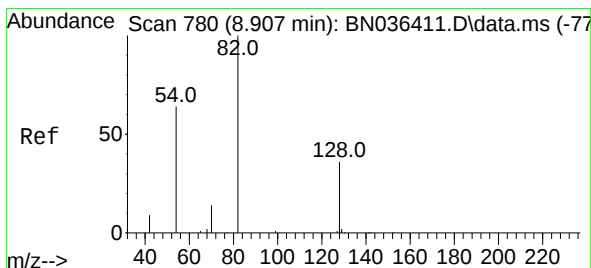
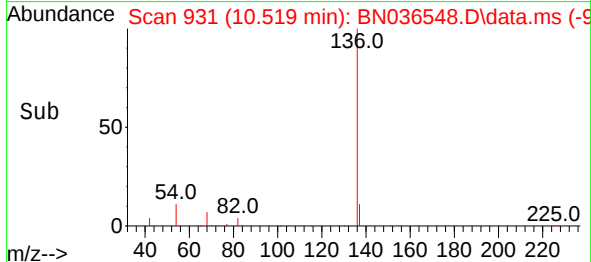
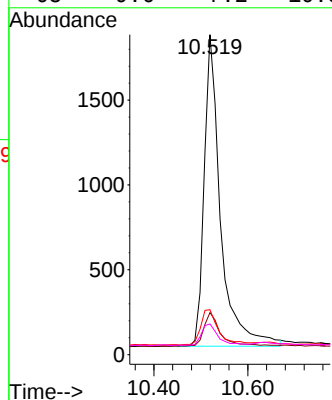
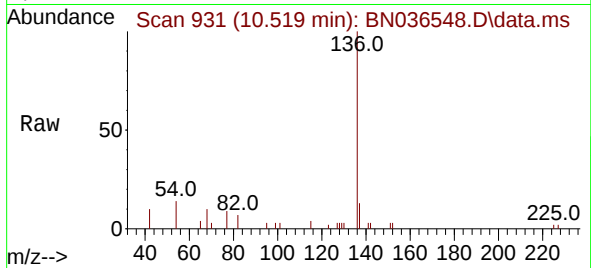




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

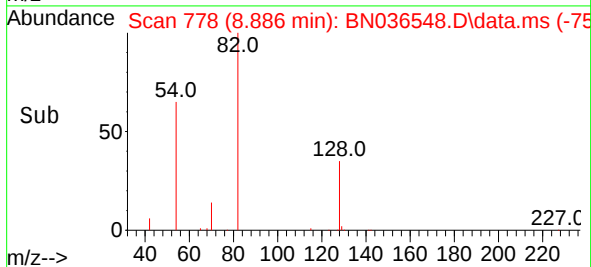
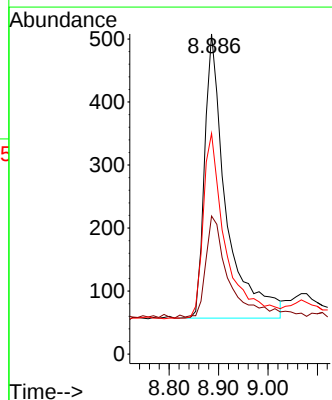
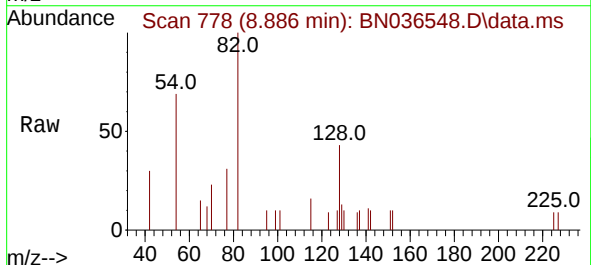
Instrument :
BNA_N
ClientSampleId :
MW178I-20250305

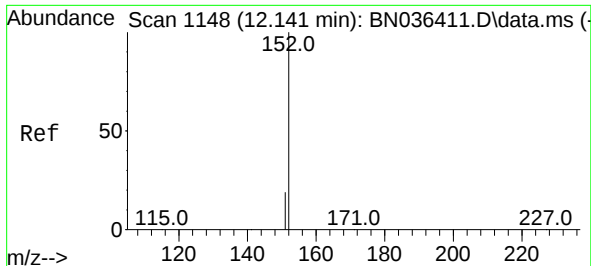
Tgt Ion:136	Resp:	4445
Ion	Ratio	Lower Upper
136	100	
137	13.1	10.1 15.1
54	14.1	11.8 17.6
68	9.6	7.2 10.8



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

Tgt Ion: 82	Resp:	1363
Ion	Ratio	Lower Upper
82	100	
128	43.1	31.9 47.9
54	68.9	53.1 79.7

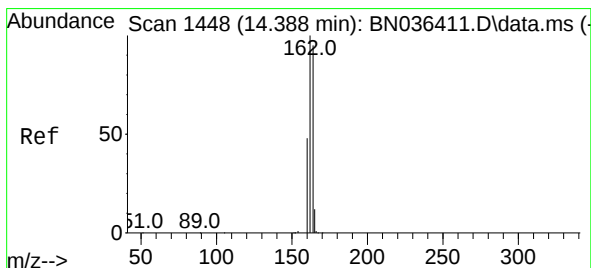
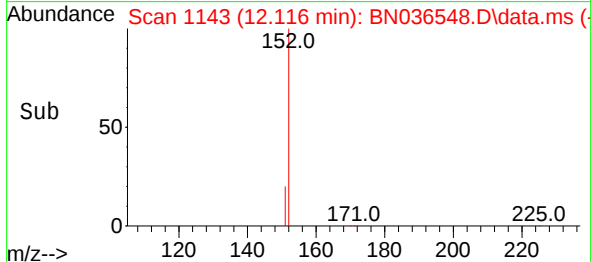
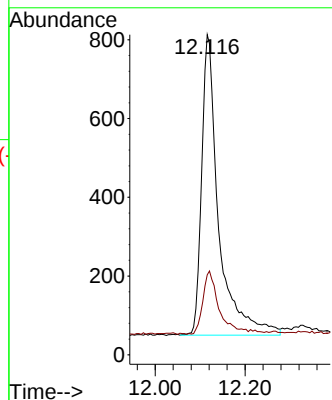
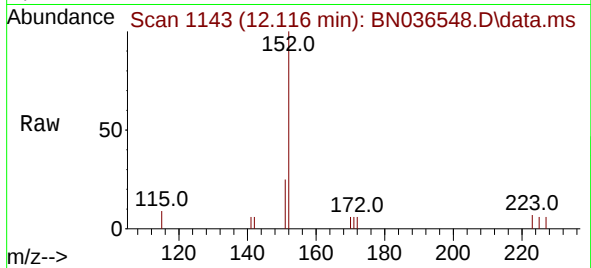




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

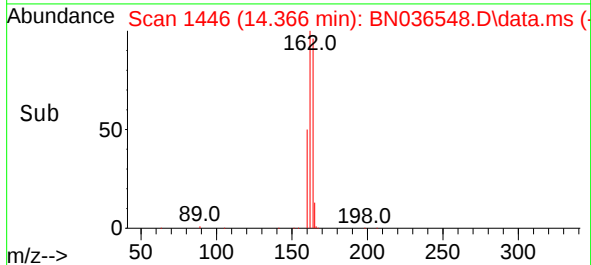
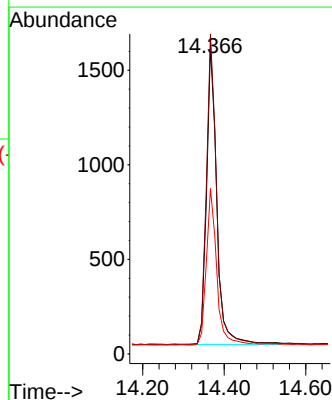
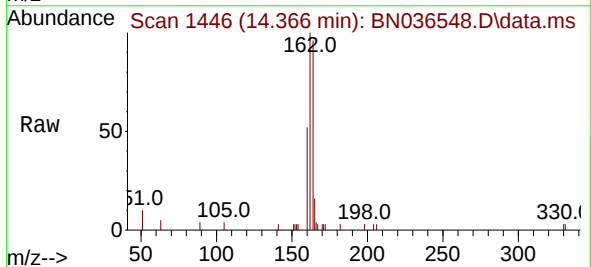
Instrument :
BNA_N
ClientSampleId :
MW178I-20250305

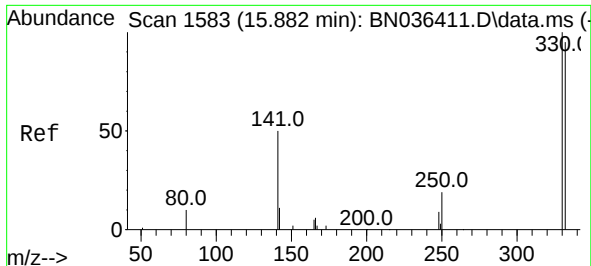
Tgt Ion:152 Resp: 2002
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

Tgt Ion:164 Resp: 2762
Ion Ratio Lower Upper
164 100
162 104.2 84.1 126.1
160 53.9 41.4 62.0

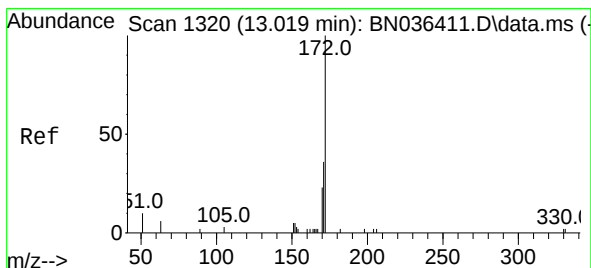
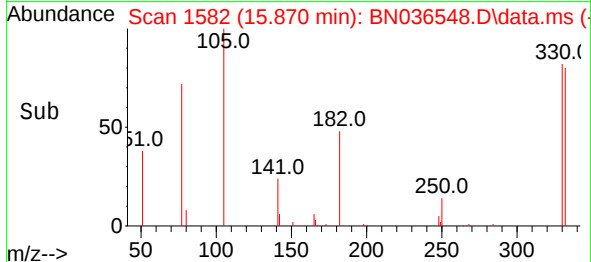
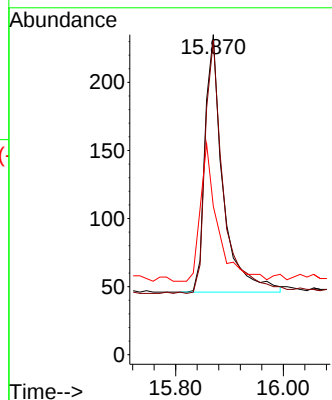
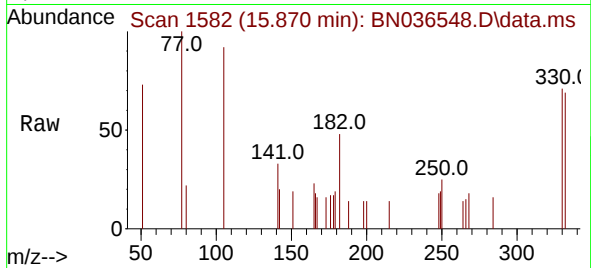




#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.870 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

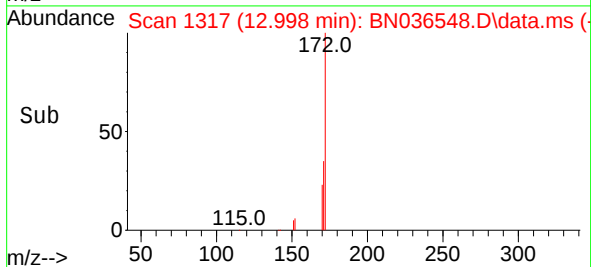
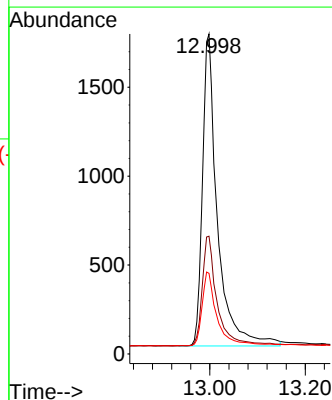
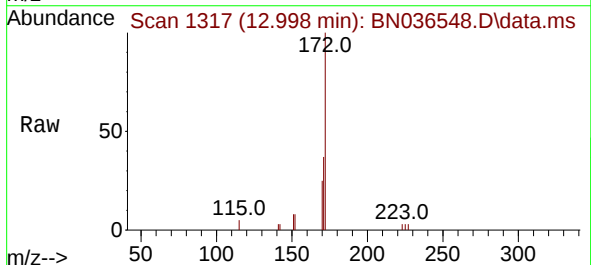
Instrument :
BNA_N
ClientSampleId :
MW178I-20250305

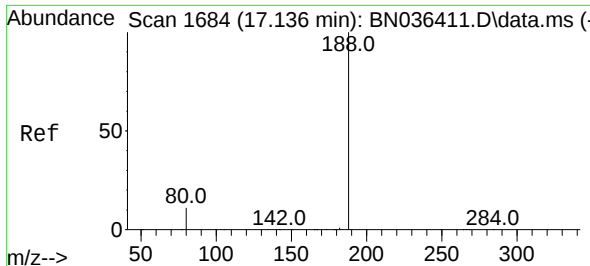
Tgt Ion:330 Resp: 438
Ion Ratio Lower Upper
330 100
332 101.4 76.6 114.8
141 51.1 37.8 56.8



#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 12.998 min Scan# 1317
Delta R.T. 0.010 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

Tgt Ion:172 Resp: 4747
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.2 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: BN036548.D

Acq: 07 Mar 2025 15:36

Instrument :

BNA_N

ClientSampleId :

MW178I-20250305

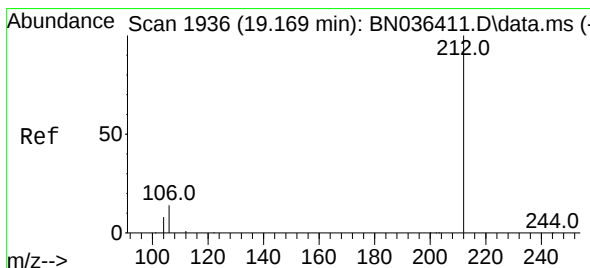
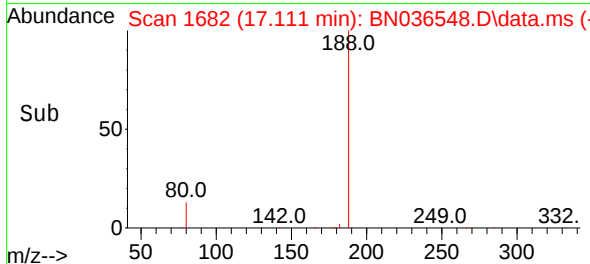
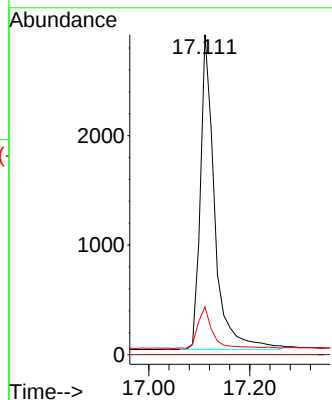
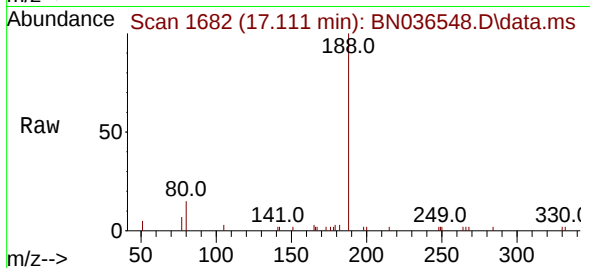
Tgt Ion:188 Resp: 5661

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 9.8 14.6#



#27

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.146 min Scan# 1931

Delta R.T. 0.005 min

Lab File: BN036548.D

Acq: 07 Mar 2025 15:36

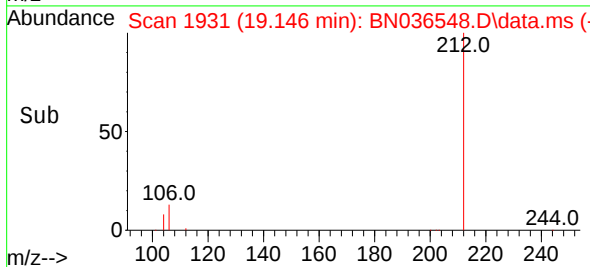
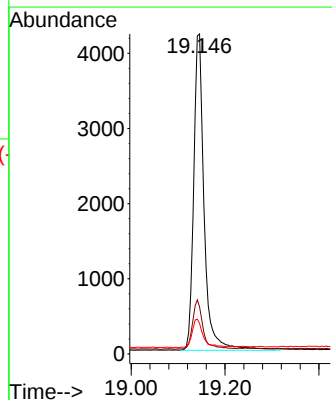
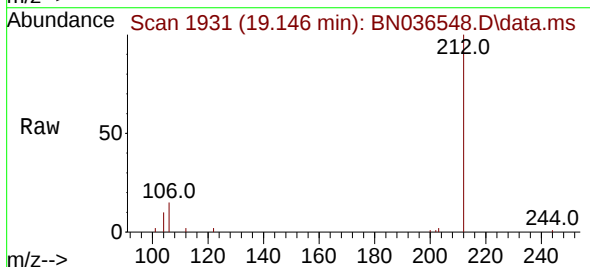
Tgt Ion:212 Resp: 6533

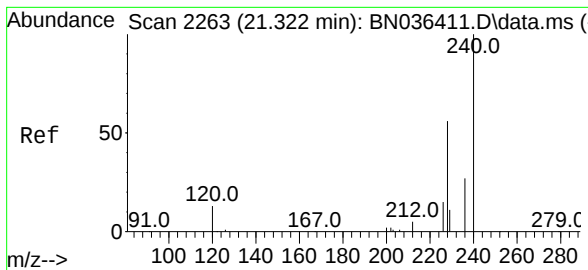
Ion Ratio Lower Upper

212 100

106 15.5 11.5 17.3

104 9.6 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036548.D

Acq: 07 Mar 2025 15:36

Instrument :

BNA_N

ClientSampleId :

MW178I-20250305

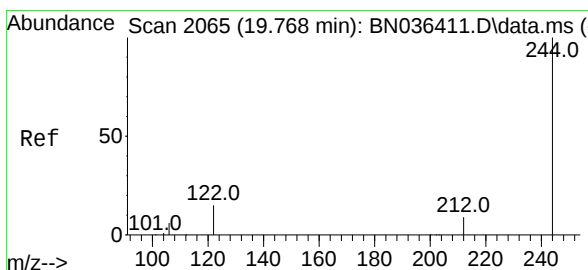
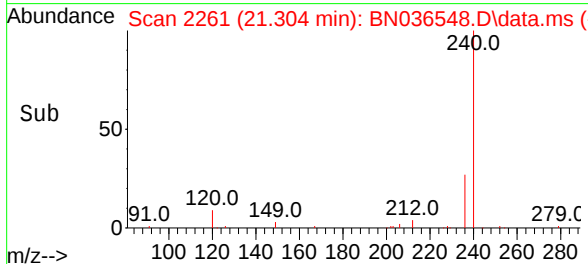
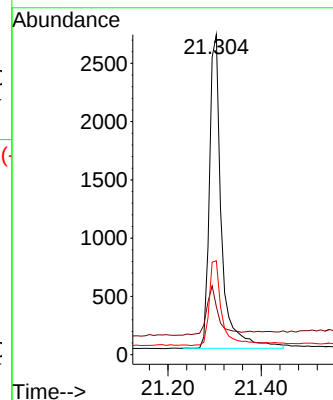
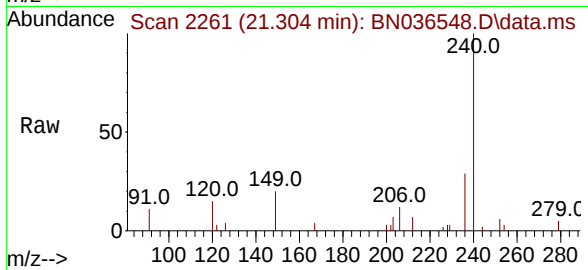
Tgt Ion:240 Resp: 4847

Ion Ratio Lower Upper

240 100

120 15.1 13.3 19.9

236 29.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.482 ng

RT: 19.745 min Scan# 2060

Delta R.T. -0.000 min

Lab File: BN036548.D

Acq: 07 Mar 2025 15:36

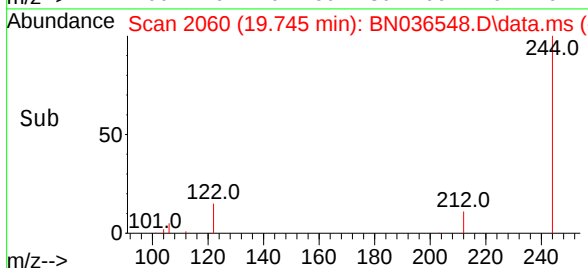
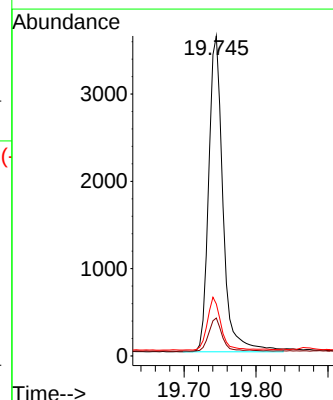
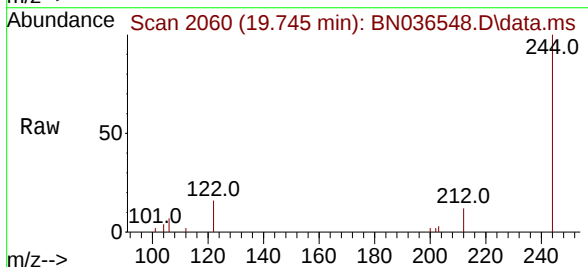
Tgt Ion:244 Resp: 4985

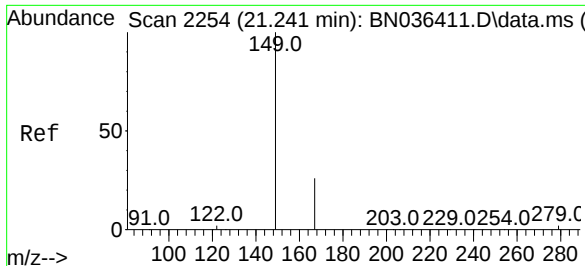
Ion Ratio Lower Upper

244 100

212 11.9 8.1 12.1

122 16.2 12.8 19.2

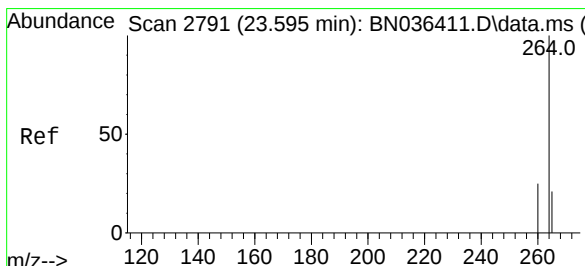
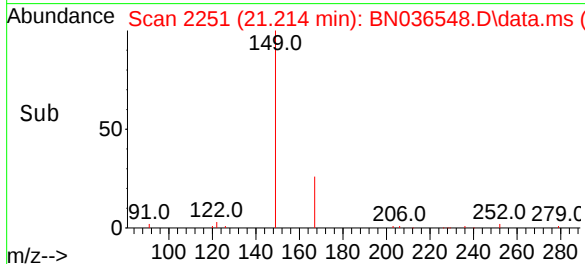
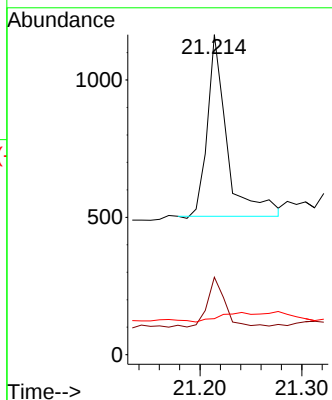
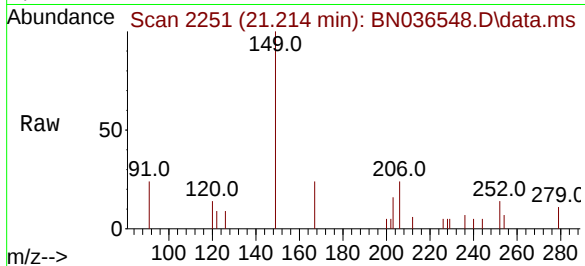




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.214 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

Instrument :
BNA_N
ClientSampleId :
MW178I-20250305

Tgt Ion:149 Resp: 878
Ion Ratio Lower Upper
149 100
167 25.6 21.2 31.8
279 0.0 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.551 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BN036548.D
Acq: 07 Mar 2025 15:36

Tgt Ion:264 Resp: 4437
Ion Ratio Lower Upper
264 100
260 26.9 20.9 31.3
265 101.6 60.7 91.1#

