

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038356.D
 Acq On : 12 Dec 2025 17:50
 Operator : RC/JU
 Sample : Q3835-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-7-121025

Quant Time: Dec 13 02:08:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

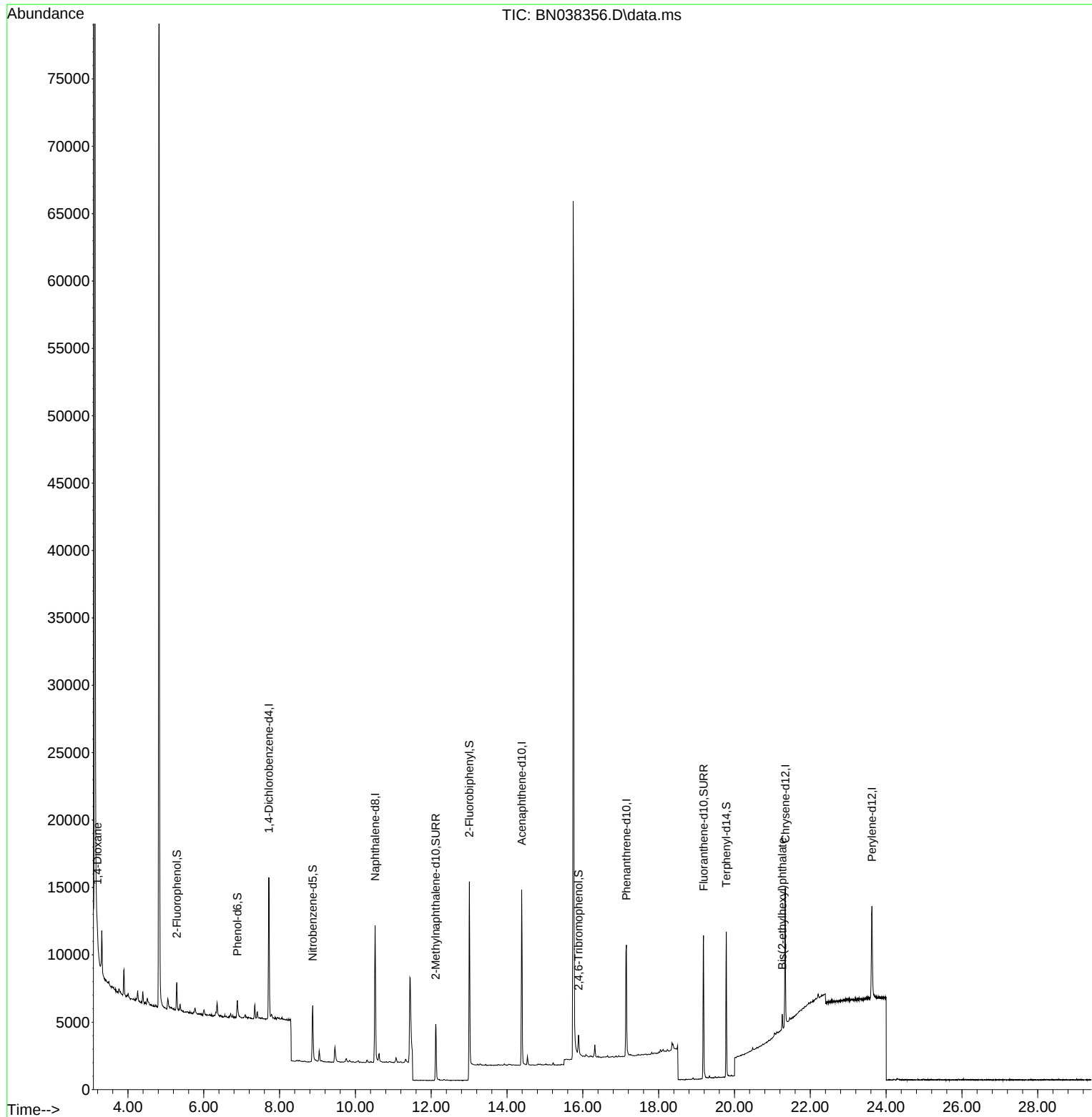
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5323	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	13895	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7101	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	13189	0.400	ng	0.00
29) Chrysene-d12	21.340	240	10204	0.400	ng	# 0.00
35) Perylene-d12	23.625	264	9703	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1698	0.128	ng	0.00
5) Phenol-d6	6.887	99	1279	0.081	ng	0.00
8) Nitrobenzene-d5	8.875	82	3835	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5995	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	923	0.293	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	13433	0.393	ng	0.00
27) Fluoranthene-d10	19.183	212	11830	0.363	ng	0.00
31) Terphenyl-d14	19.782	244	10012	0.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	446	0.073	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.259	149	1111	0.051	ng	# 97

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

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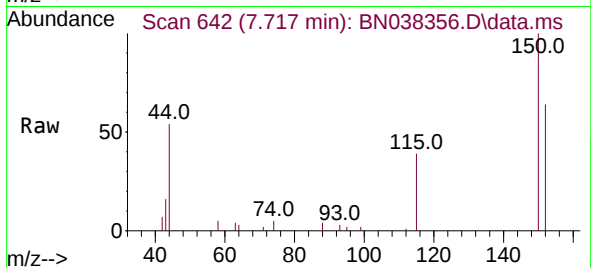
Quant Time: Dec 13 02:08:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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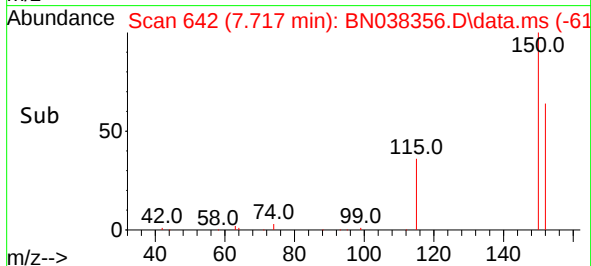
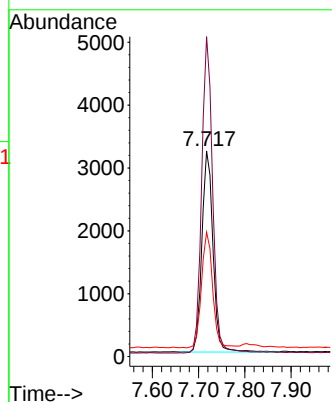
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN038356.D
 Acq: 12 Dec 2025 17:50

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-7-121025



Tgt Ion:152 Resp: 5323

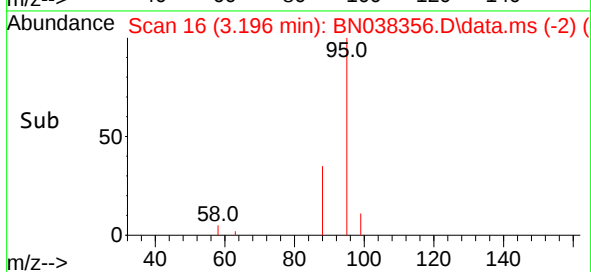
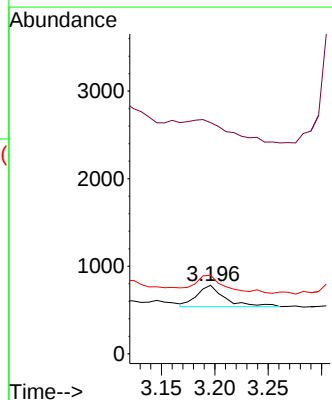
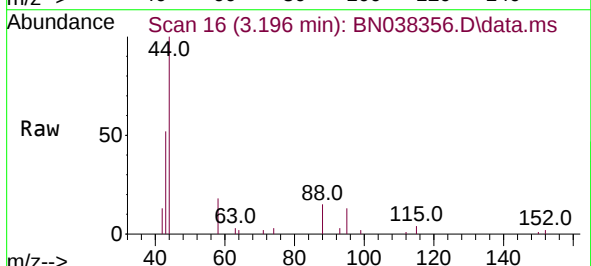
Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.4	183.6
115	60.5	47.3	70.9

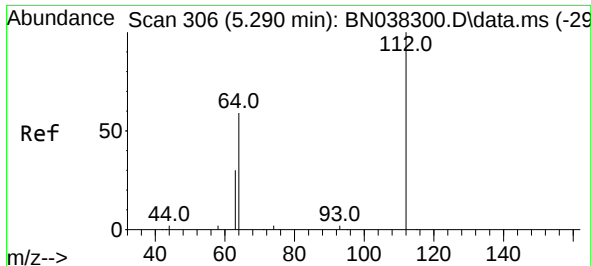


#2
 1,4-Dioxane
 Concen: 0.073 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN038356.D
 Acq: 12 Dec 2025 17:50

Tgt Ion: 88 Resp: 446

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.9	37.3
58	89.2	61.4	92.0

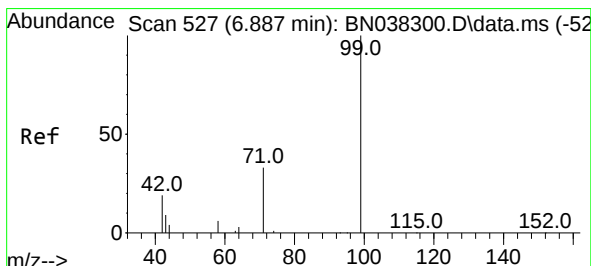
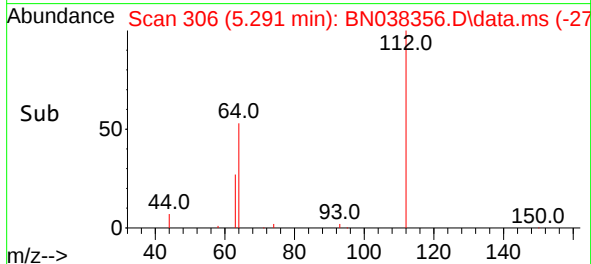
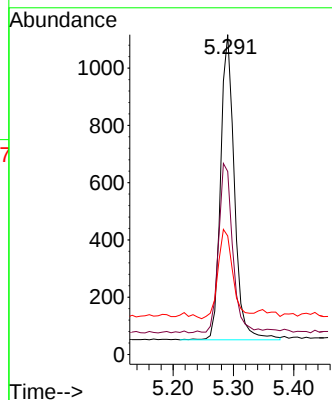
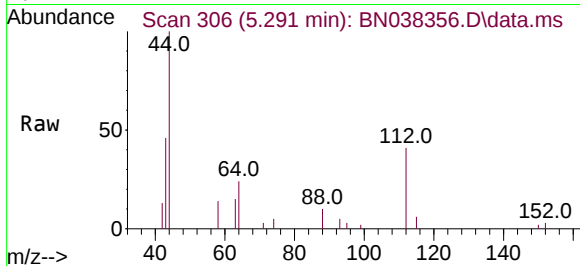




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

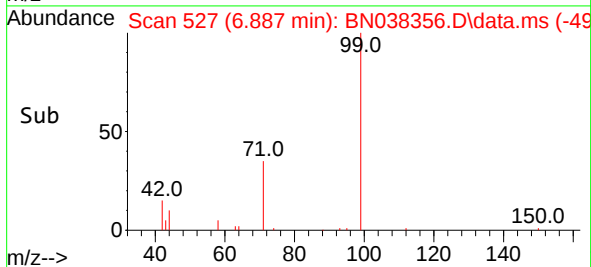
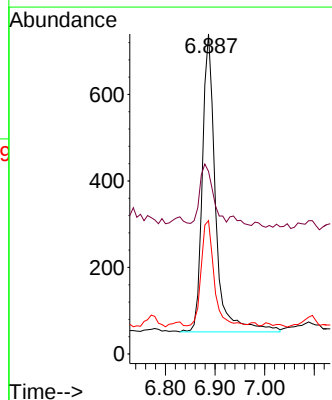
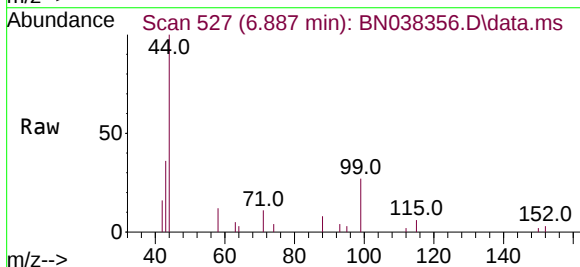
Instrument :
BNA_N
ClientSampleId :
MW-01-7-121025

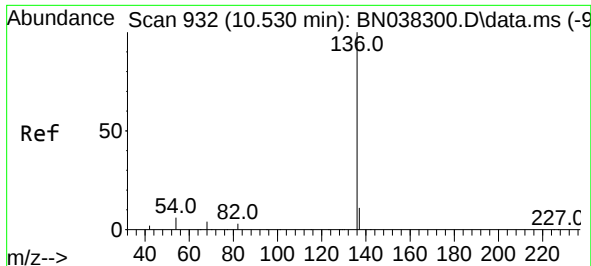
Tgt Ion:112 Resp: 1698
Ion Ratio Lower Upper
112 100
64 56.8 44.4 66.6
63 31.2 23.4 35.0



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

Tgt Ion: 99 Resp: 1279
Ion Ratio Lower Upper
99 100
42 19.3 16.5 24.7
71 35.7 24.9 37.3

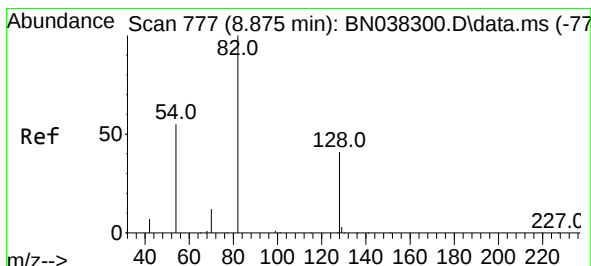
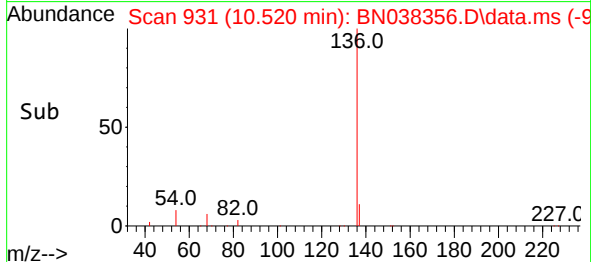
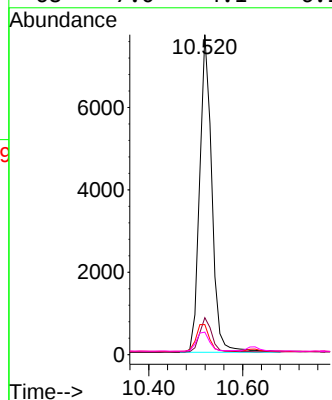
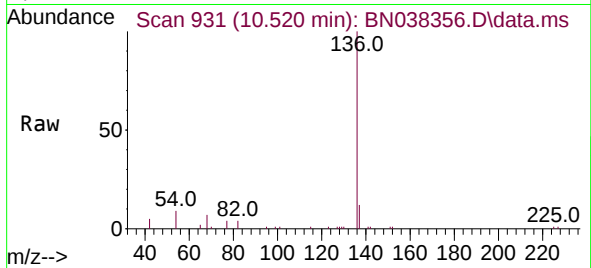




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

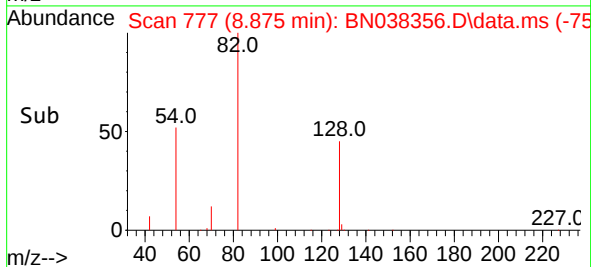
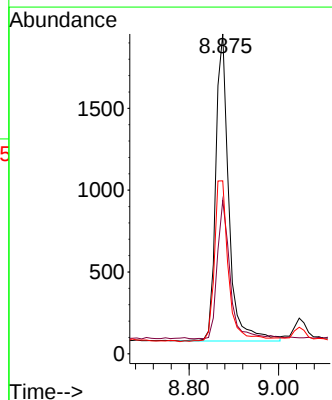
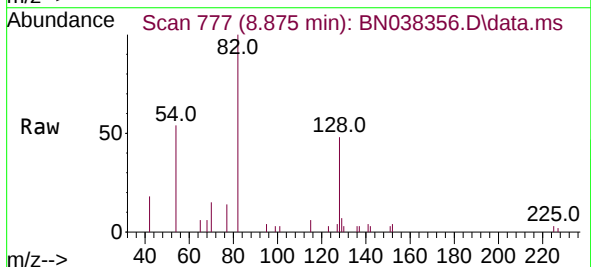
Instrument :
BNA_N
ClientSampleId :
MW-01-7-121025

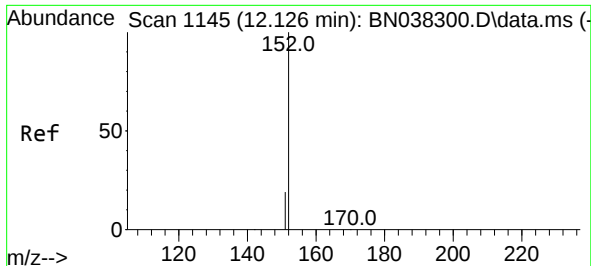
Tgt Ion:136	Resp:	13895
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	9.4	5.2 7.8#
68	7.0	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

Tgt Ion: 82	Resp:	3835
Ion Ratio	Lower	Upper
82	100	
128	48.0	34.0 51.0
54	54.1	44.4 66.6

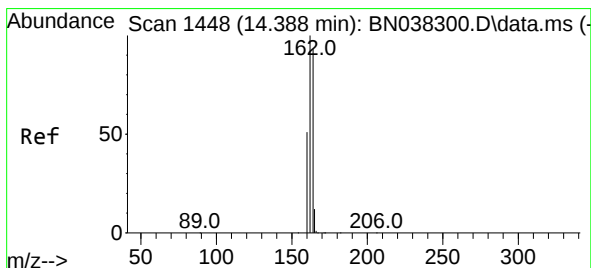
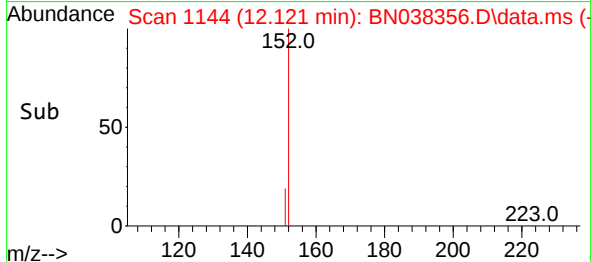
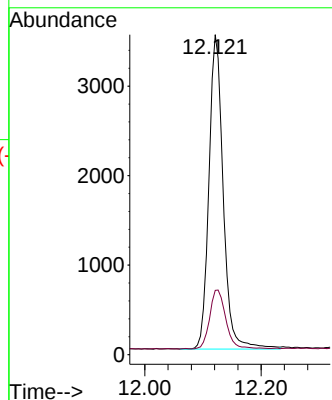
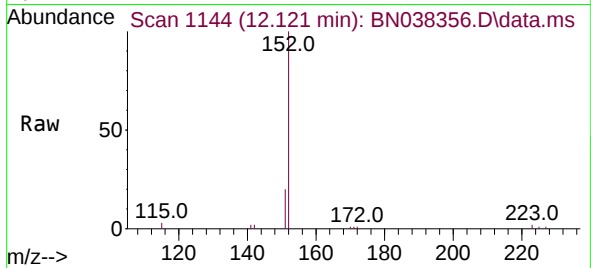




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

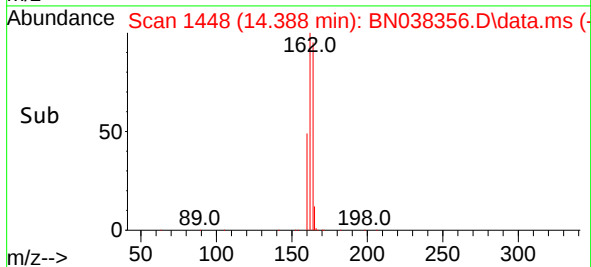
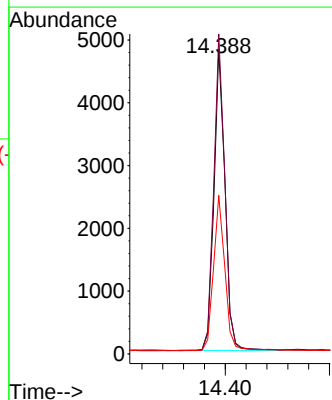
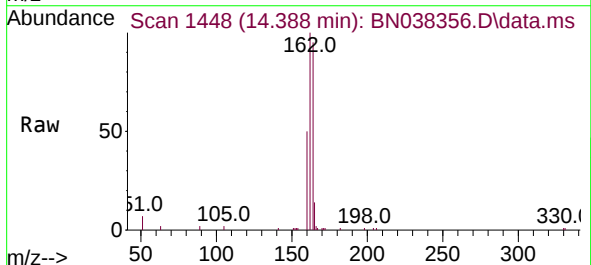
Instrument :
BNA_N
ClientSampleId :
MW-01-7-121025

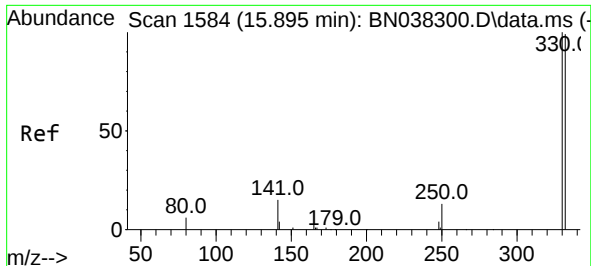
Tgt Ion:152 Resp: 5995
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

Tgt Ion:164 Resp: 7101
Ion Ratio Lower Upper
164 100
162 105.0 86.2 129.4
160 52.0 44.6 67.0

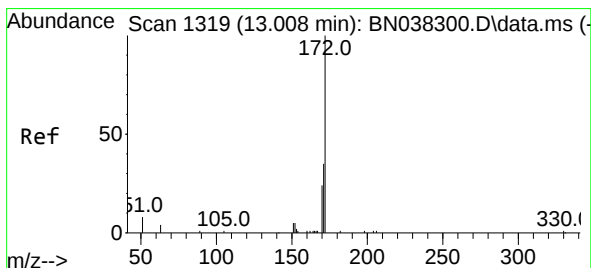
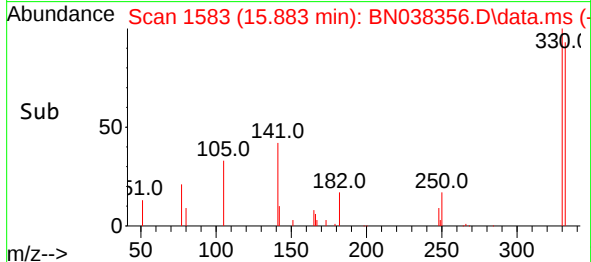
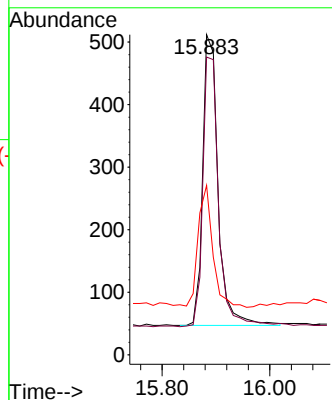
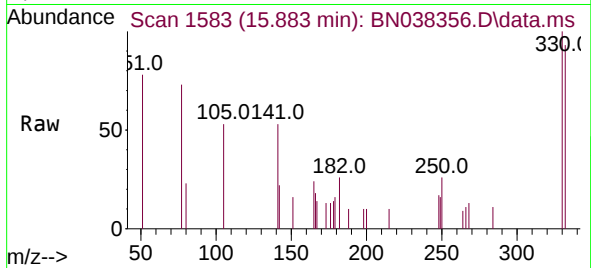




#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.883 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN038356.D
 Acq: 12 Dec 2025 17:50

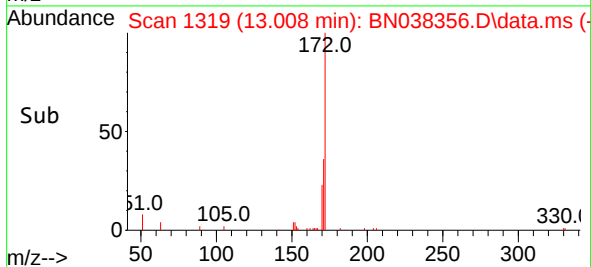
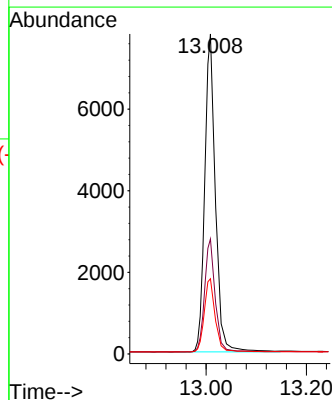
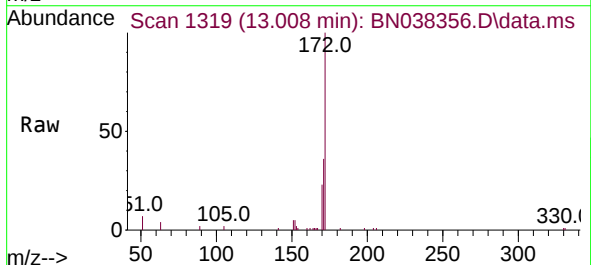
Instrument :
 BNA_N
 ClientSampleId :
 MW-01-7-121025

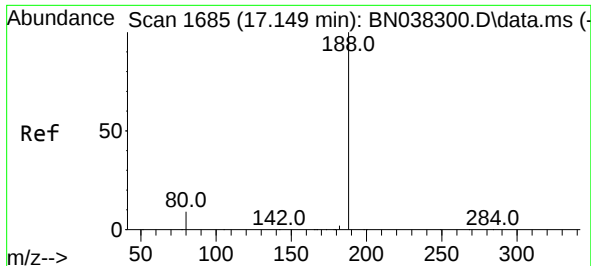
Tgt Ion: 330 Resp: 923
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 40.0 31.8 47.8



#15
 2-Fluorobiphenyl
 Concen: 0.393 ng
 RT: 13.008 min Scan# 1319
 Delta R.T. 0.000 min
 Lab File: BN038356.D
 Acq: 12 Dec 2025 17:50

Tgt Ion: 172 Resp: 13433
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.5 19.3 28.9

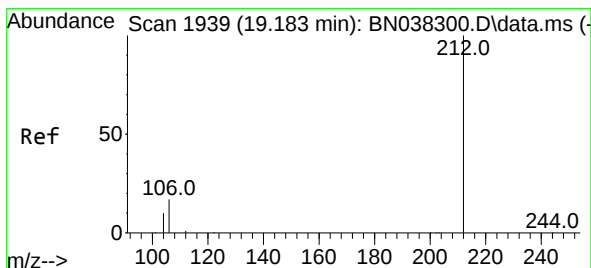
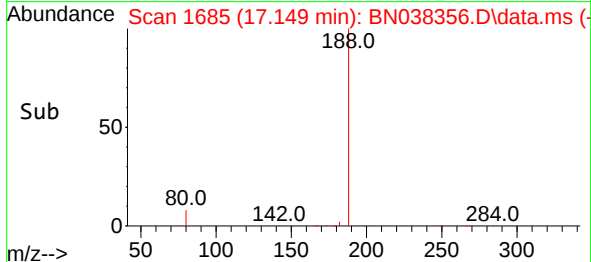
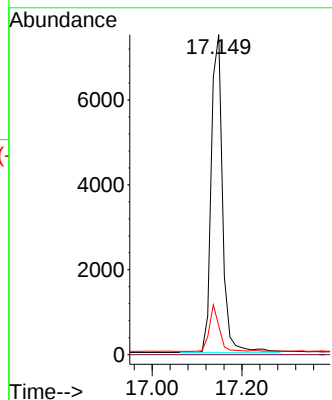
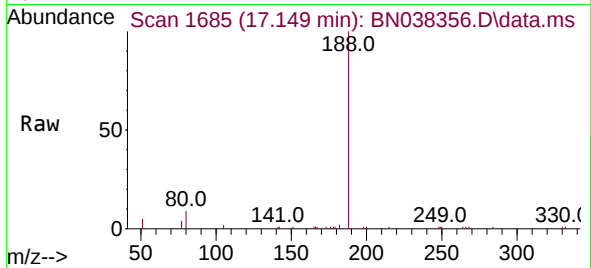




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

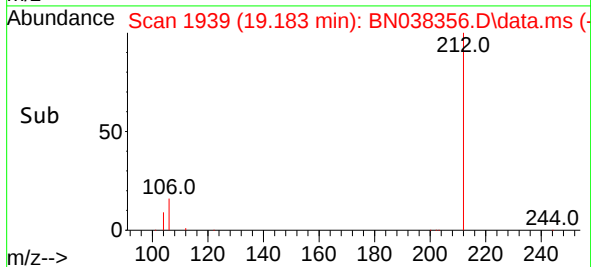
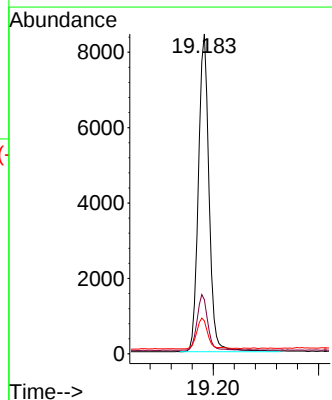
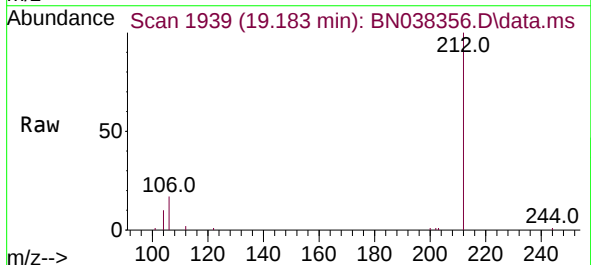
Instrument :
BNA_N
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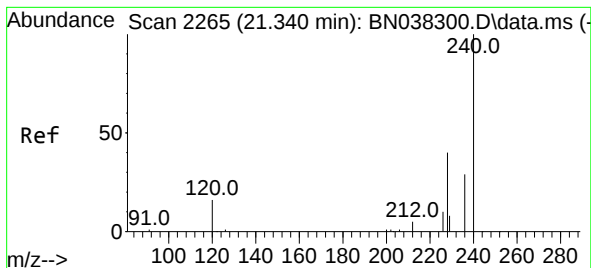
Tgt Ion:	188	Resp:	13189
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.0	7.4	11.0



#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038356.D
Acq: 12 Dec 2025 17:50

Tgt Ion:	212	Resp:	11830
Ion Ratio	Lower	Upper	
212	100		
106	17.5	13.7	20.5
104	10.2	7.8	11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038356.D

Acq: 12 Dec 2025 17:50

Instrument :

BNA_N

ClientSampleId :

MW-01-7-121025

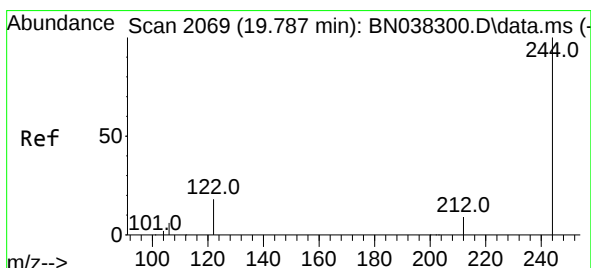
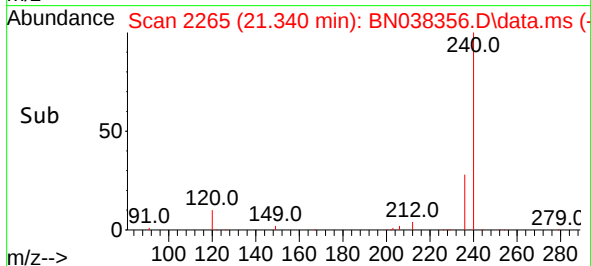
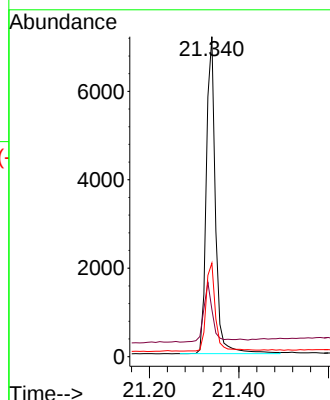
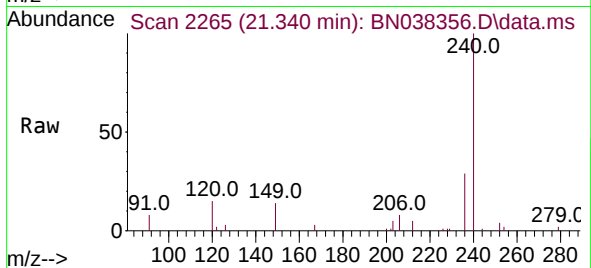
Tgt Ion:240 Resp: 10204

Ion Ratio Lower Upper

240 100

120 14.7 15.4 23.2#

236 29.2 23.9 35.9



#31

Terphenyl-d14

Concen: 0.440 ng

RT: 19.782 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN038356.D

Acq: 12 Dec 2025 17:50

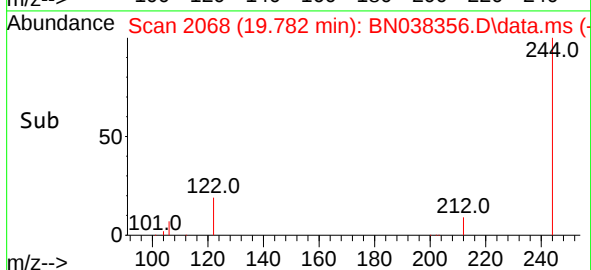
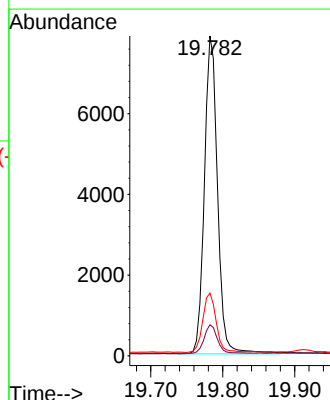
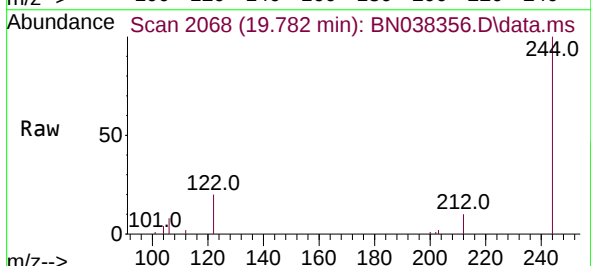
Tgt Ion:244 Resp: 10012

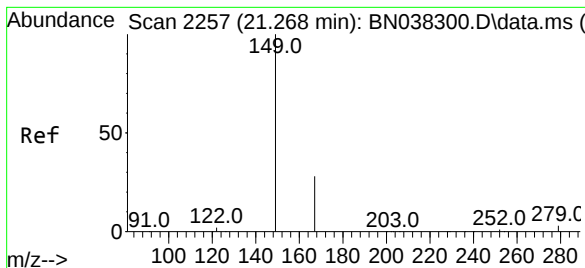
Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

122 19.6 15.0 22.6

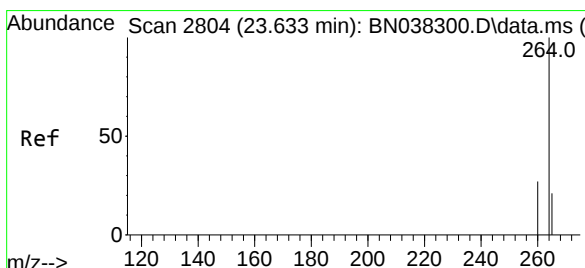
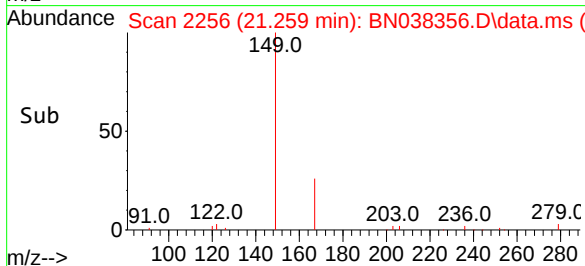
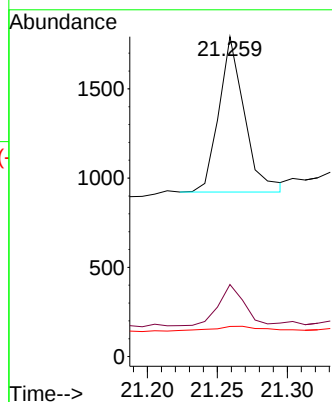
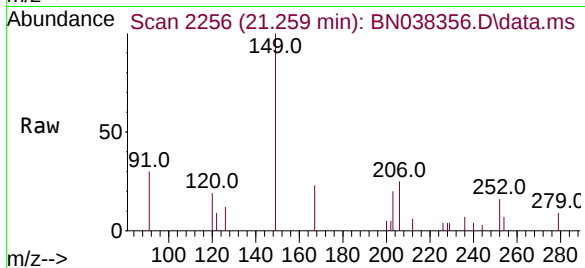




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.259 min Scan# 2111
 Delta R.T. -0.009 min
 Lab File: BN038356.D
 Acq: 12 Dec 2025 17:50

Instrument :
 BNA_N
 ClientSampleId :
 MW-01-7-121025

Tgt Ion:149 Resp: 1111
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.0
 279 6.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.625 min Scan# 2801
 Delta R.T. -0.009 min
 Lab File: BN038356.D
 Acq: 12 Dec 2025 17:50

Tgt Ion:264 Resp: 9703
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.2 33.2
 265 110.4 80.2 120.2

