

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038160.D
 Acq On : 07 Nov 2025 18:34
 Operator : RC/JU
 Sample : Q3552-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10

Quant Time: Nov 08 03:05:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

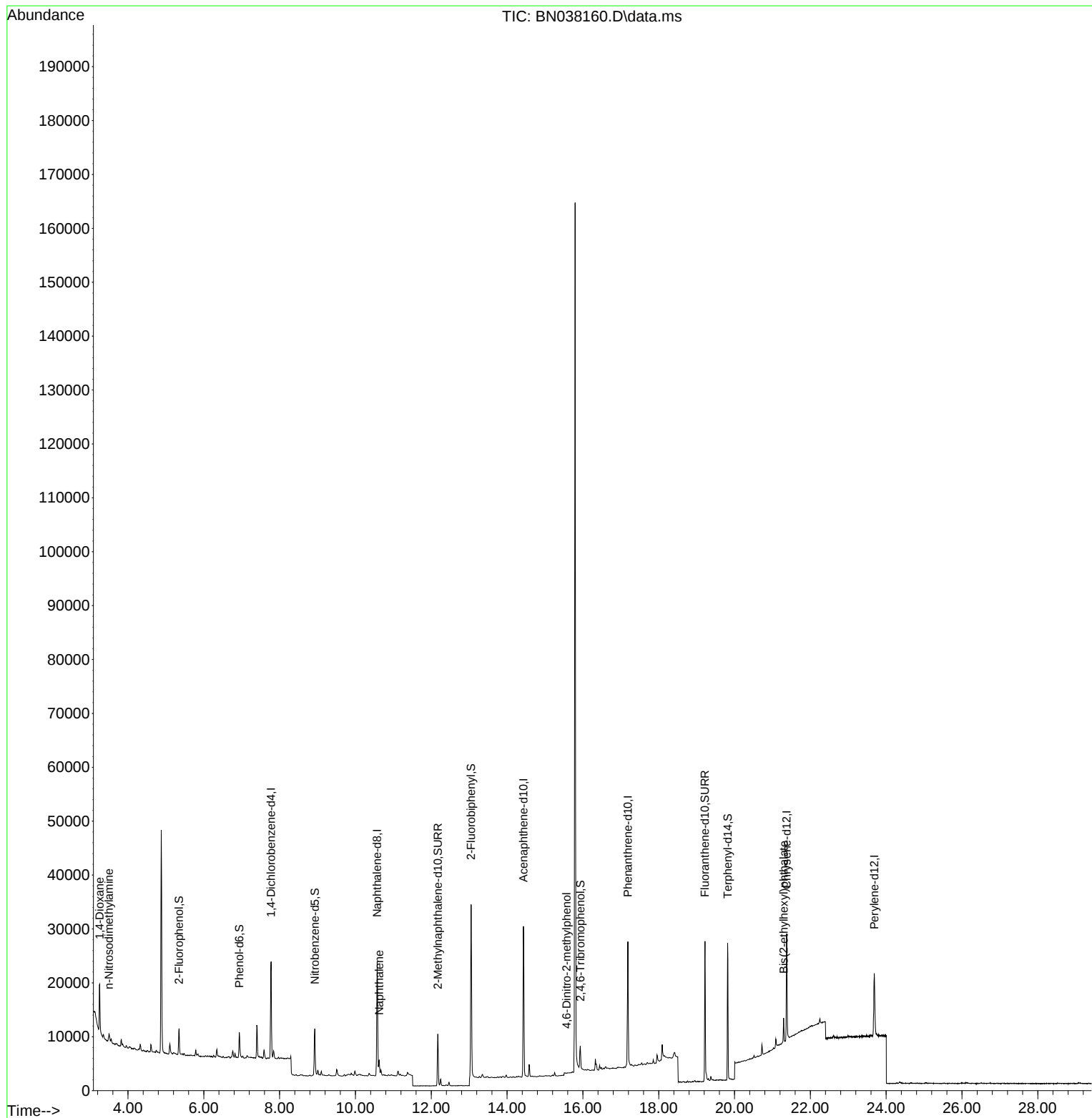
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8828	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28618	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	17122	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	31605	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18345	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	16948	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3914	0.188	ng	0.00
5) Phenol-d6	6.937	99	4074	0.161	ng	0.00
8) Nitrobenzene-d5	8.929	82	7573	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13558	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2705	0.383	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	26245	0.383	ng	0.00
27) Fluoranthene-d10	19.220	212	28699	0.360	ng	0.00
31) Terphenyl-d14	19.819	244	24820	0.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	5933	0.650	ng	# 93
3) n-Nitrosodimethylamine	3.500	42	383	0.033	ng	# 1
9) Naphthalene	10.626	128	3779	0.048	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.572	198	22	0.187	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	4647	0.135	ng	100

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

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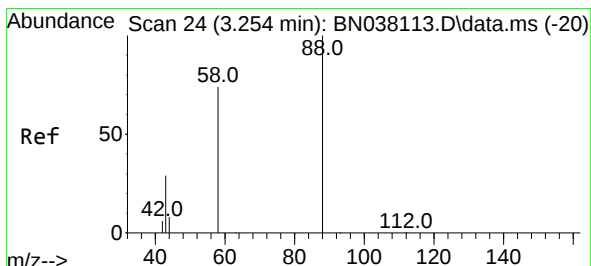
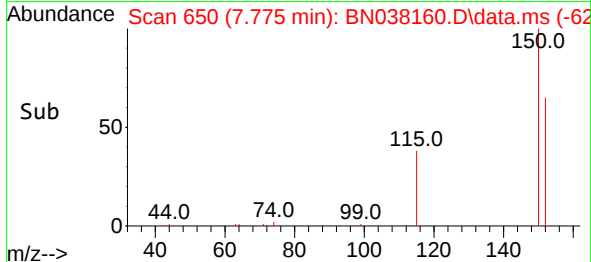
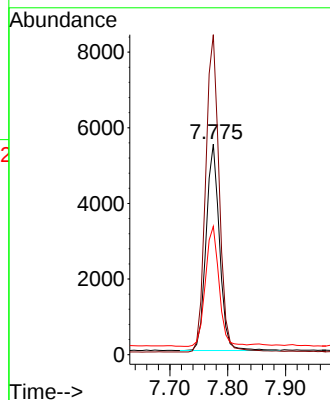
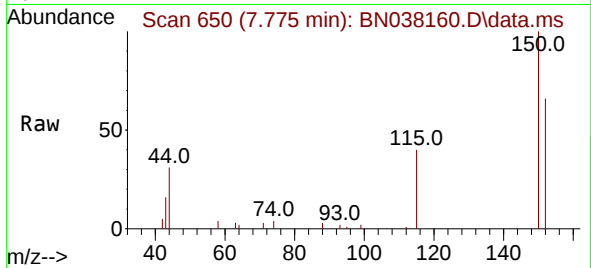




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

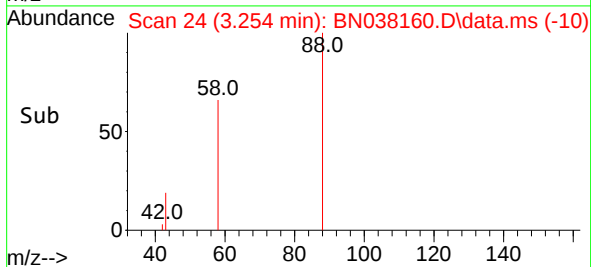
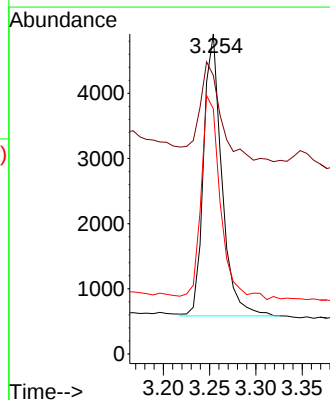
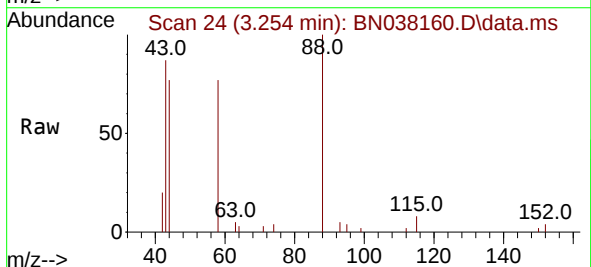
Instrument :
 BNA_N
 ClientSampleId :
 MW-10

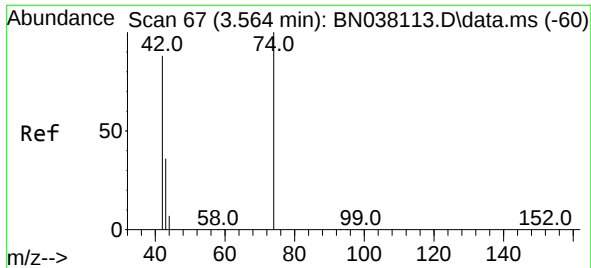
Tgt Ion:152 Resp: 8828
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.3 183.5
 115 61.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.650 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

Tgt Ion: 88 Resp: 5933
 Ion Ratio Lower Upper
 88 100
 43 42.9 24.3 36.5#
 58 76.0 60.4 90.6

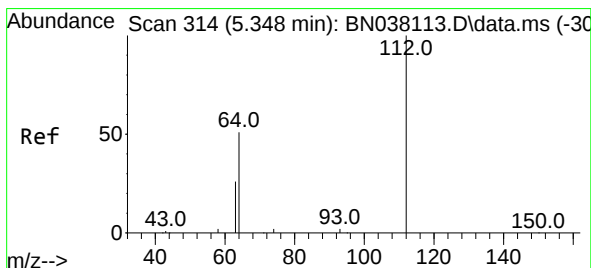
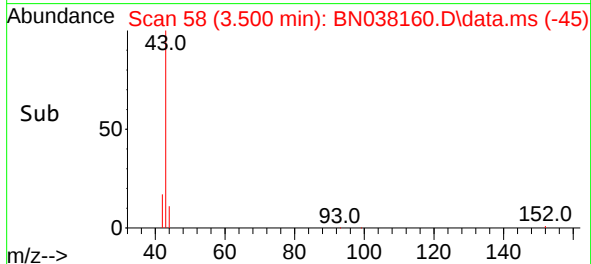
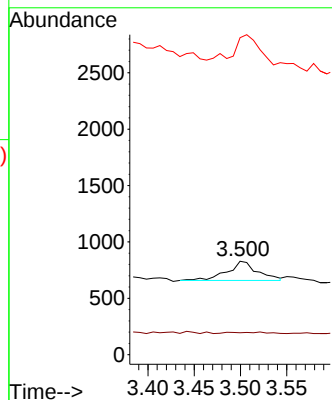
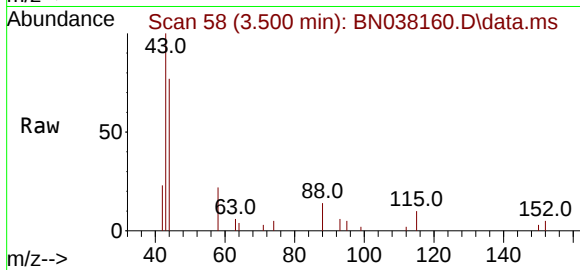




#3
 n-Nitrosodimethylamine
 Concen: 0.033 ng
 RT: 3.500 min Scan# 51
 Delta R.T. -0.058 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

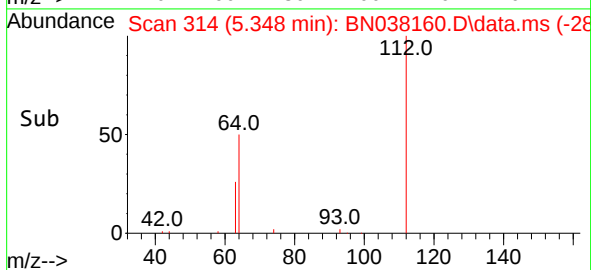
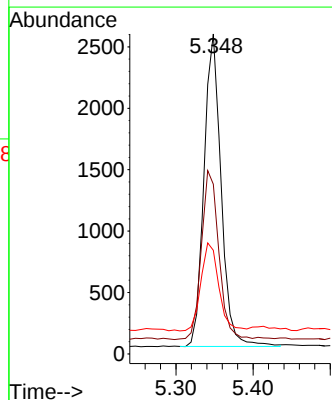
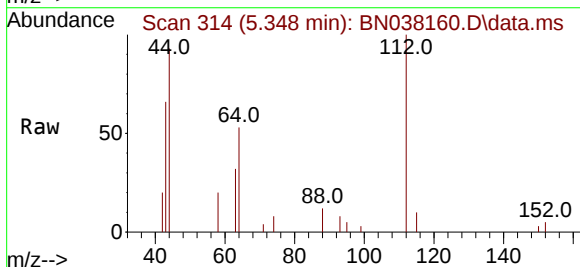
Instrument :
 BNA_N
 ClientSampleId :
 MW-10

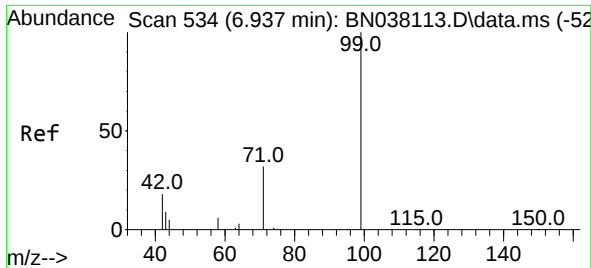
Tgt Ion: 42 Resp: 383
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.8 145.2#
 44 184.1 5.3 7.9#



#4
 2-Fluorophenol
 Concen: 0.188 ng
 RT: 5.348 min Scan# 314
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

Tgt Ion: 112 Resp: 3914
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.4 68.0
 63 29.3 23.2 34.8

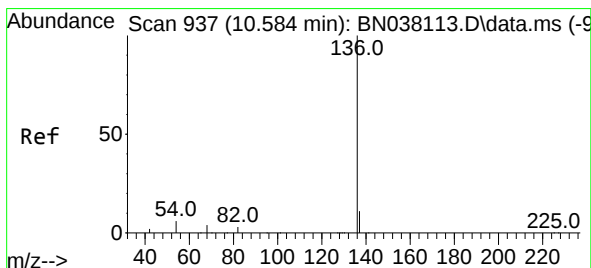
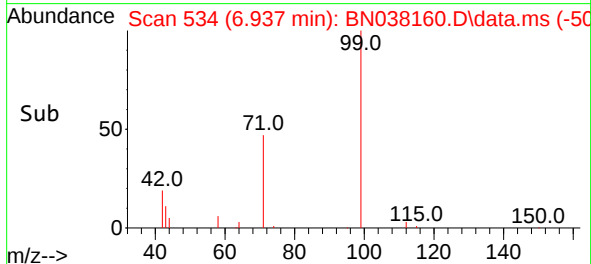
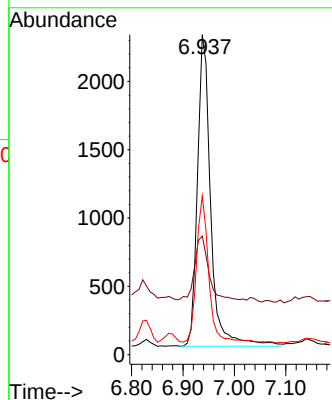
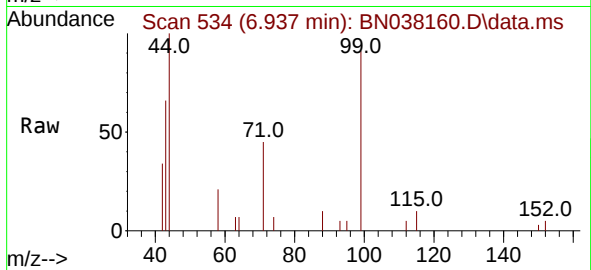




#5
Phenol-d6
Concen: 0.161 ng
RT: 6.937 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

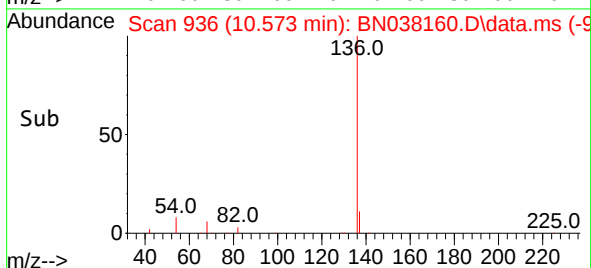
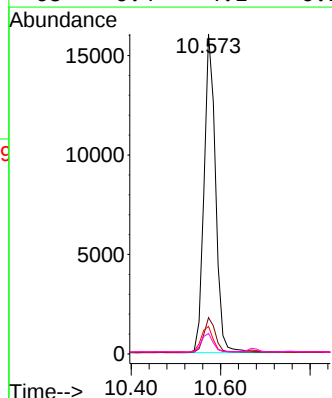
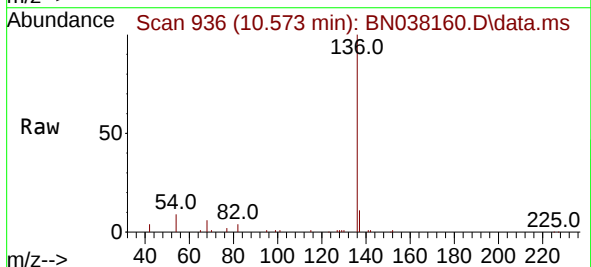
Instrument :
BNA_N
ClientSampleId :
MW-10

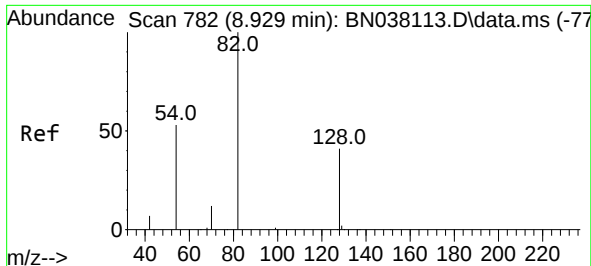
Tgt Ion: 99 Resp: 4074
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 42.5 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion: 136 Resp: 28618
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.6 5.2 7.8#
68 6.4 4.1 6.1#

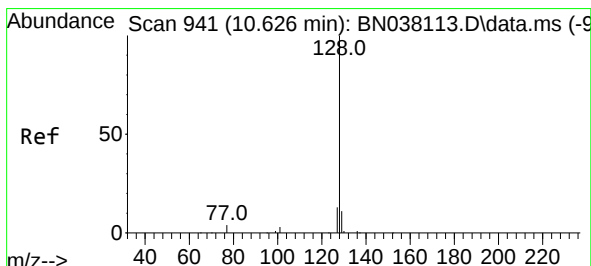
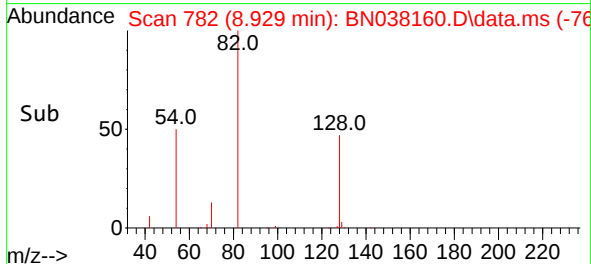
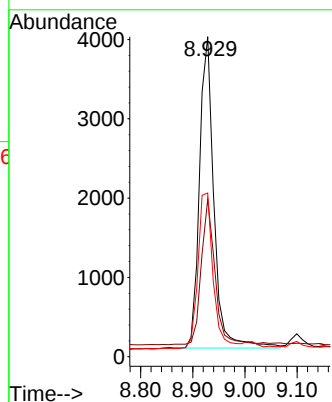
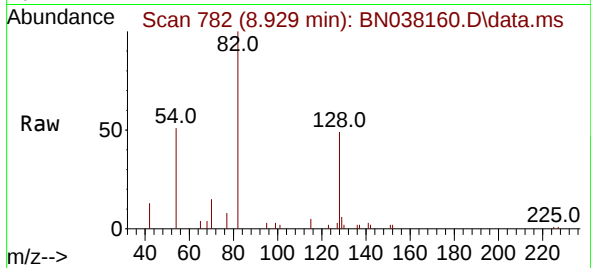




#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

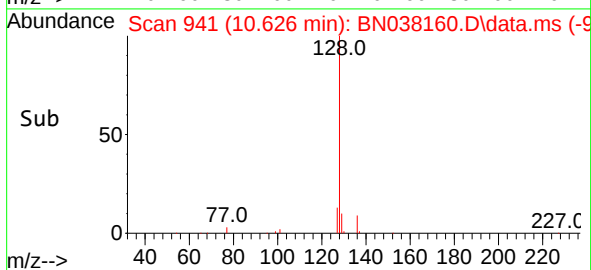
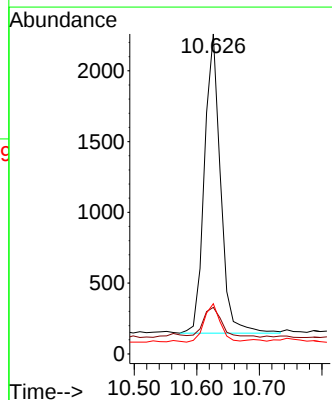
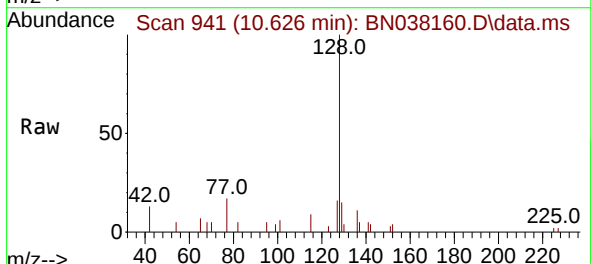
Instrument :
BNA_N
ClientSampleId :
MW-10

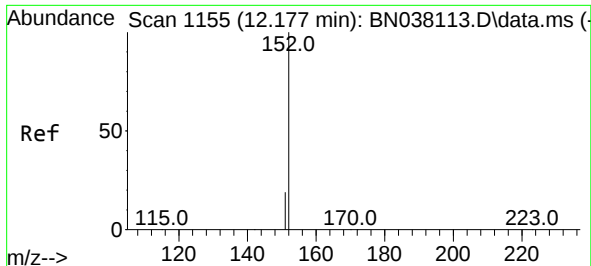
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.1	51.1
54	51.1	43.5	65.3



#9
Naphthalene
Concen: 0.048 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.1	13.7#
127	15.7	10.5	15.7

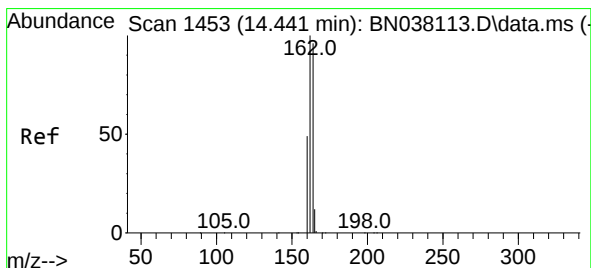
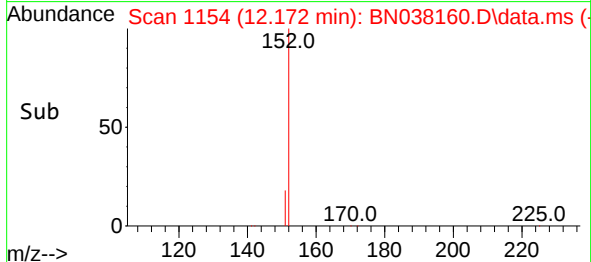
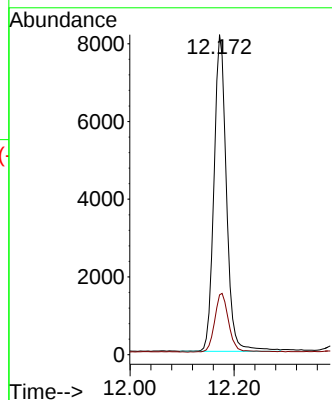
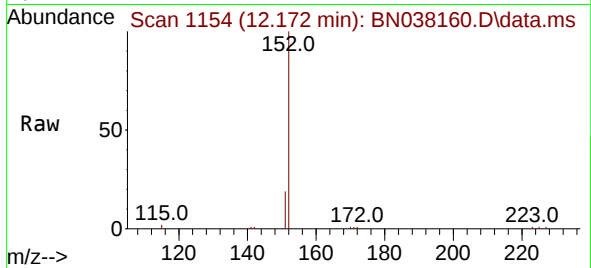




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

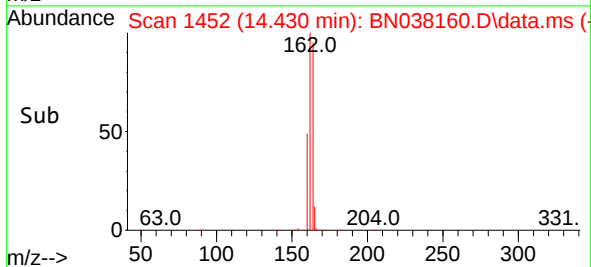
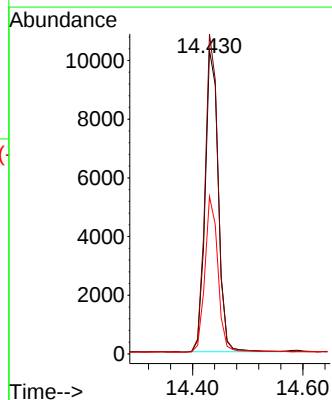
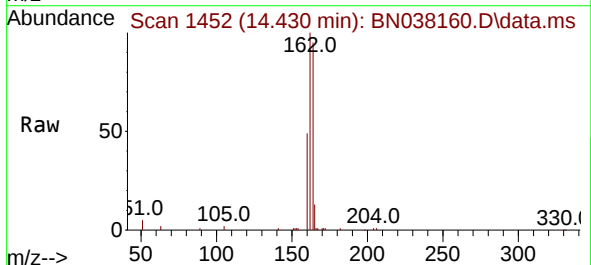
Instrument :
BNA_N
ClientSampleId :
MW-10

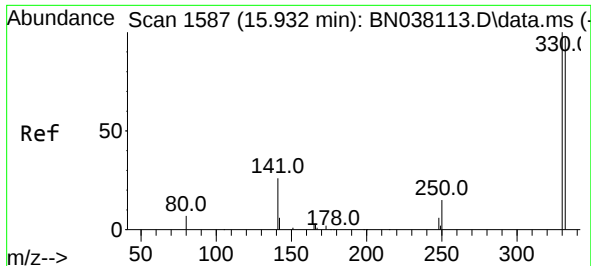
Tgt Ion:152 Resp: 13558
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:164 Resp: 17122
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.4
160 51.8 40.7 61.1

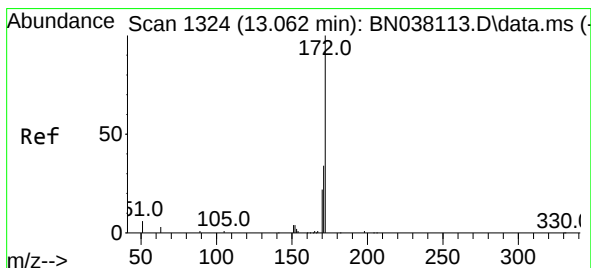
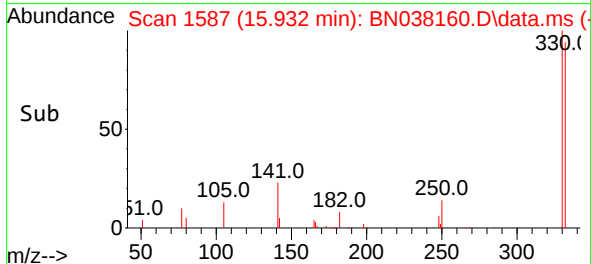
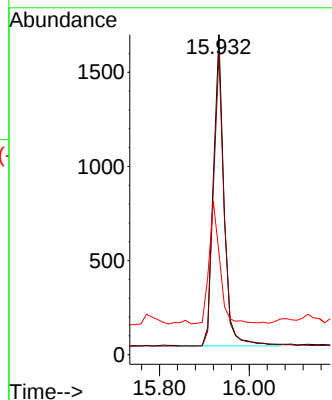
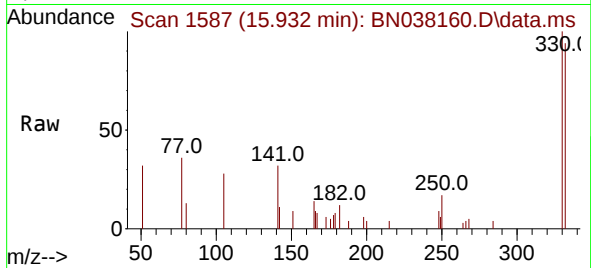




#14
 2,4,6-Tribromophenol
 Concen: 0.383 ng
 RT: 15.932 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

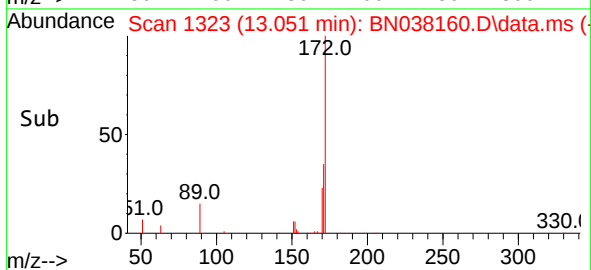
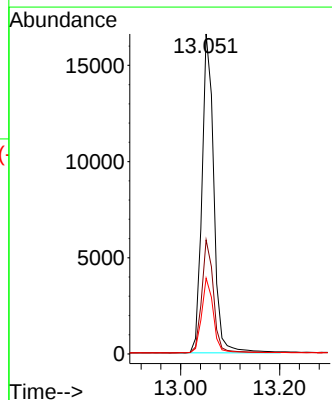
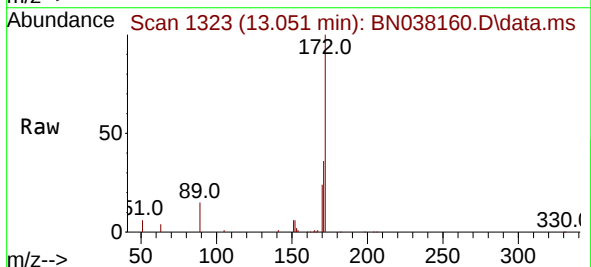
Instrument :
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 ClientSampleId :
 MW-10

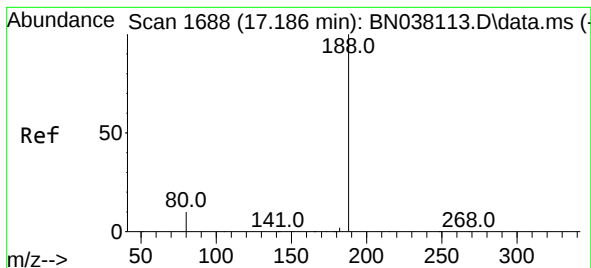
Tgt Ion:330 Resp: 2705
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 40.0 34.1 51.1



#15
 2-Fluorobiphenyl
 Concen: 0.383 ng
 RT: 13.051 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

Tgt Ion:172 Resp: 26245
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.6
 170 23.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN038160.D

Acq: 07 Nov 2025 18:34

Instrument :

BNA_N

ClientSampleId :

MW-10

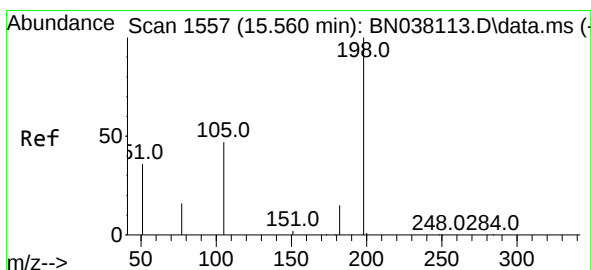
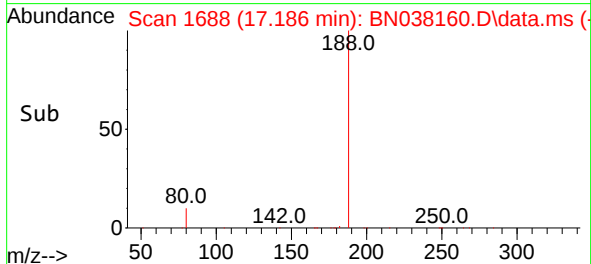
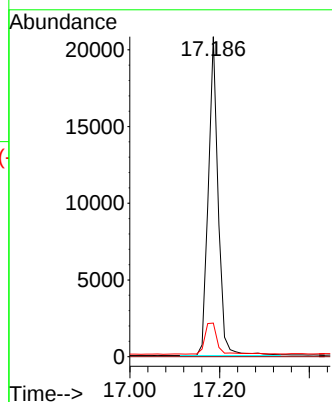
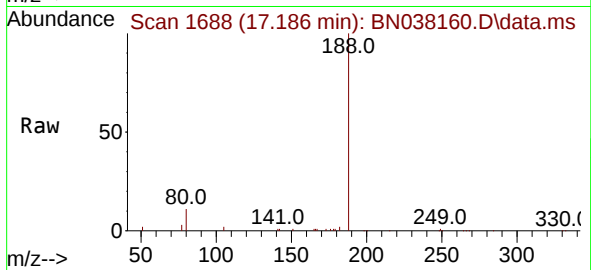
Tgt Ion:188 Resp: 31605

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 8.6 13.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.572 min Scan# 1558

Delta R.T. 0.012 min

Lab File: BN038160.D

Acq: 07 Nov 2025 18:34

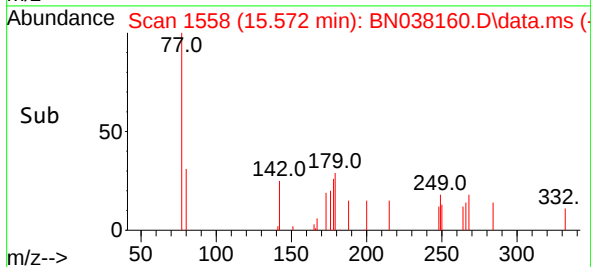
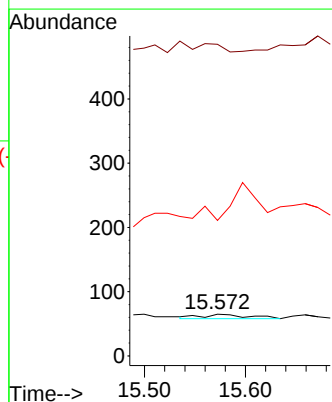
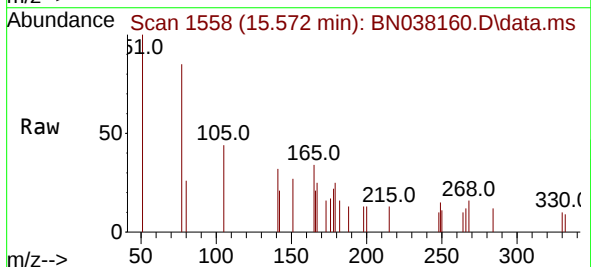
Tgt Ion:198 Resp: 22

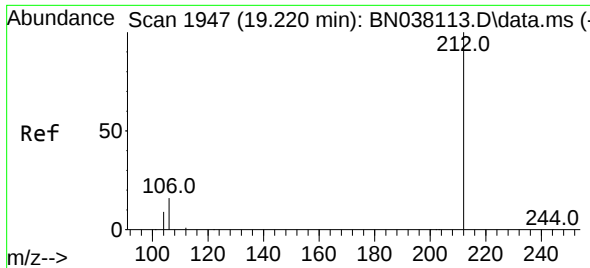
Ion Ratio Lower Upper

198 100

51 746.2 88.9 133.3#

105 324.6 49.2 73.8#

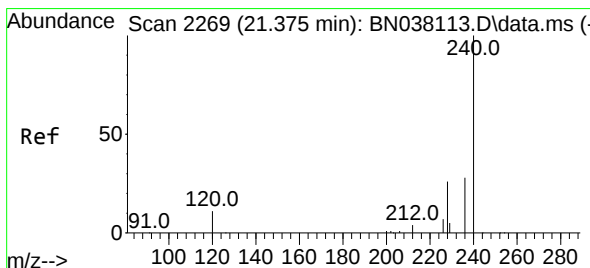
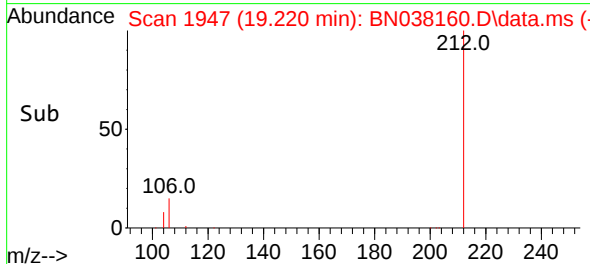
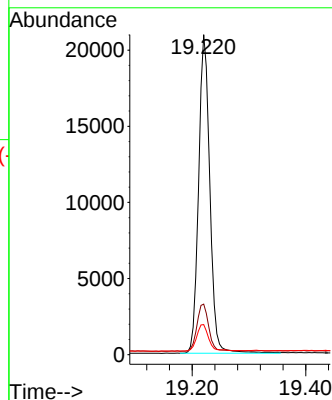
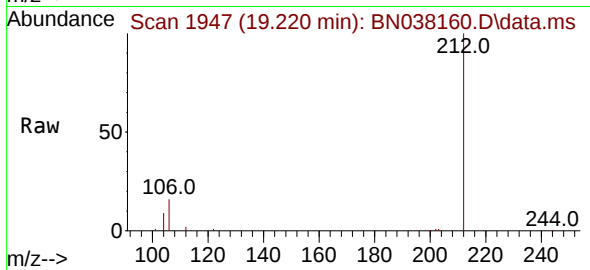




#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

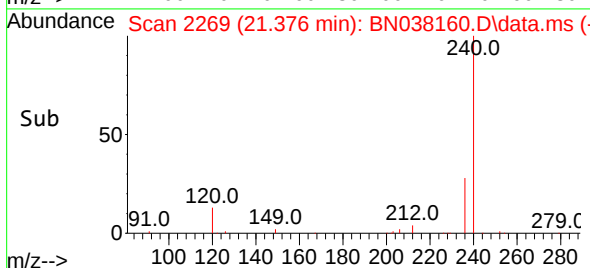
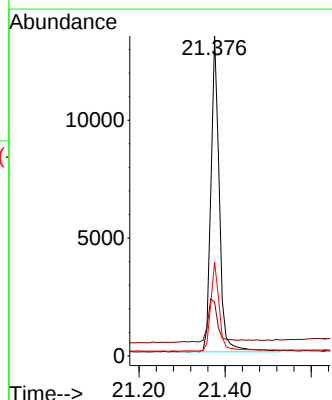
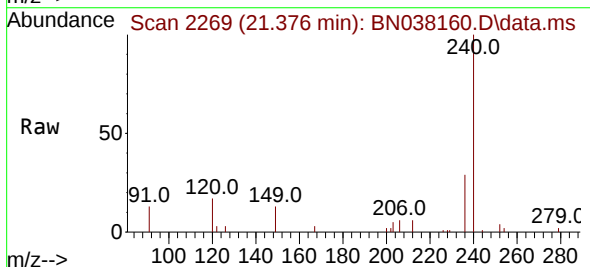
Instrument :
BNA_N
ClientSampleId :
MW-10

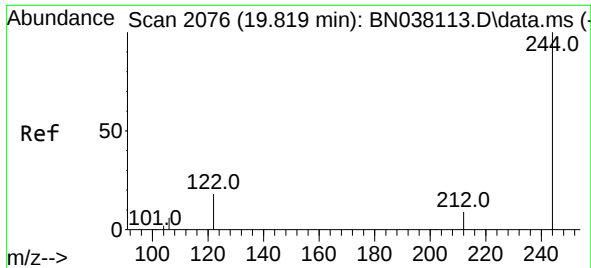
Tgt Ion:212 Resp: 28699
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:240 Resp: 18345
Ion Ratio Lower Upper
240 100
120 16.8 10.7 16.1#
236 29.3 23.1 34.7

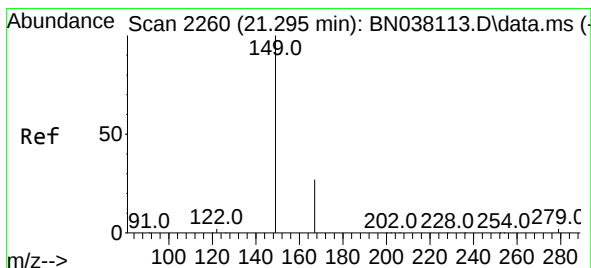
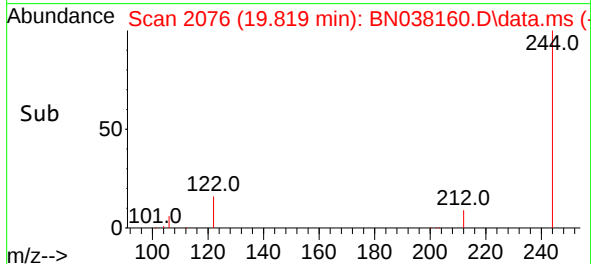
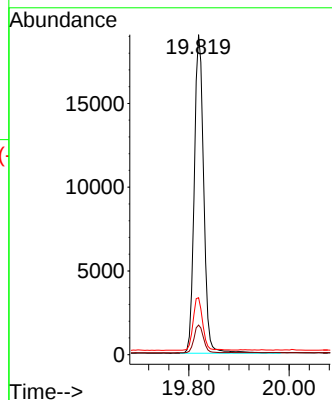
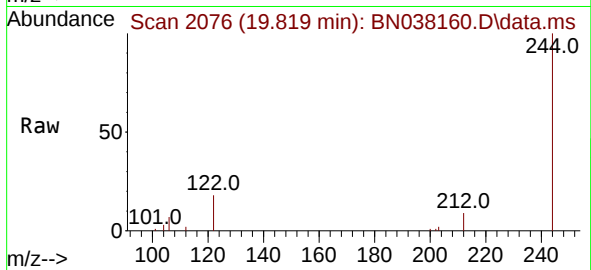




#31
 Terphenyl-d14
 Concen: 0.623 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

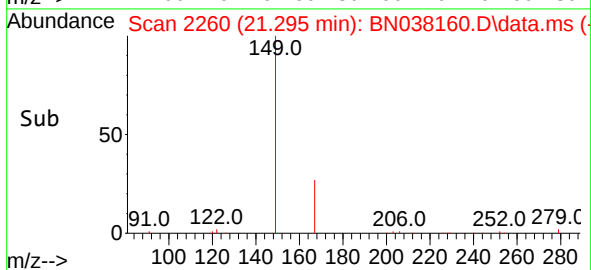
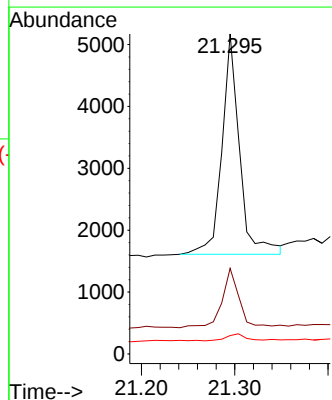
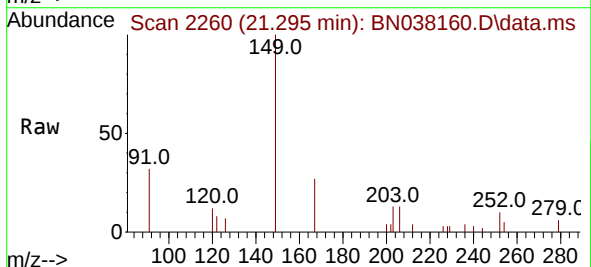
Instrument :
 BNA_N
 ClientSampleId :
 MW-10

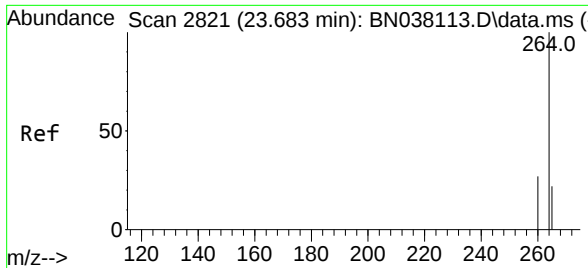
Tgt Ion:244 Resp: 24820
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.8 11.6
 122 17.8 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.135 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038160.D
 Acq: 07 Nov 2025 18:34

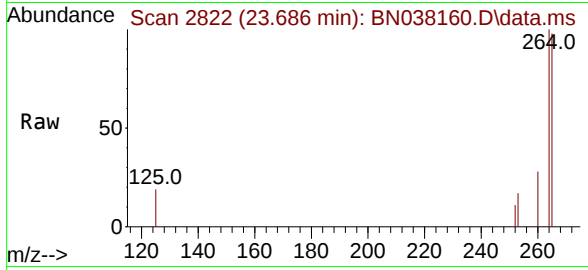
Tgt Ion:149 Resp: 4647
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.1 31.7
 279 3.6 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10



Tgt Ion:264 Resp: 16948

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	98.3	68.6	102.8

