

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
 Data File : BN038178.D
 Acq On : 10 Nov 2025 12:39
 Operator : RC/JU
 Sample : Q3552-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-3DL

Quant Time: Nov 10 13:21:04 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)

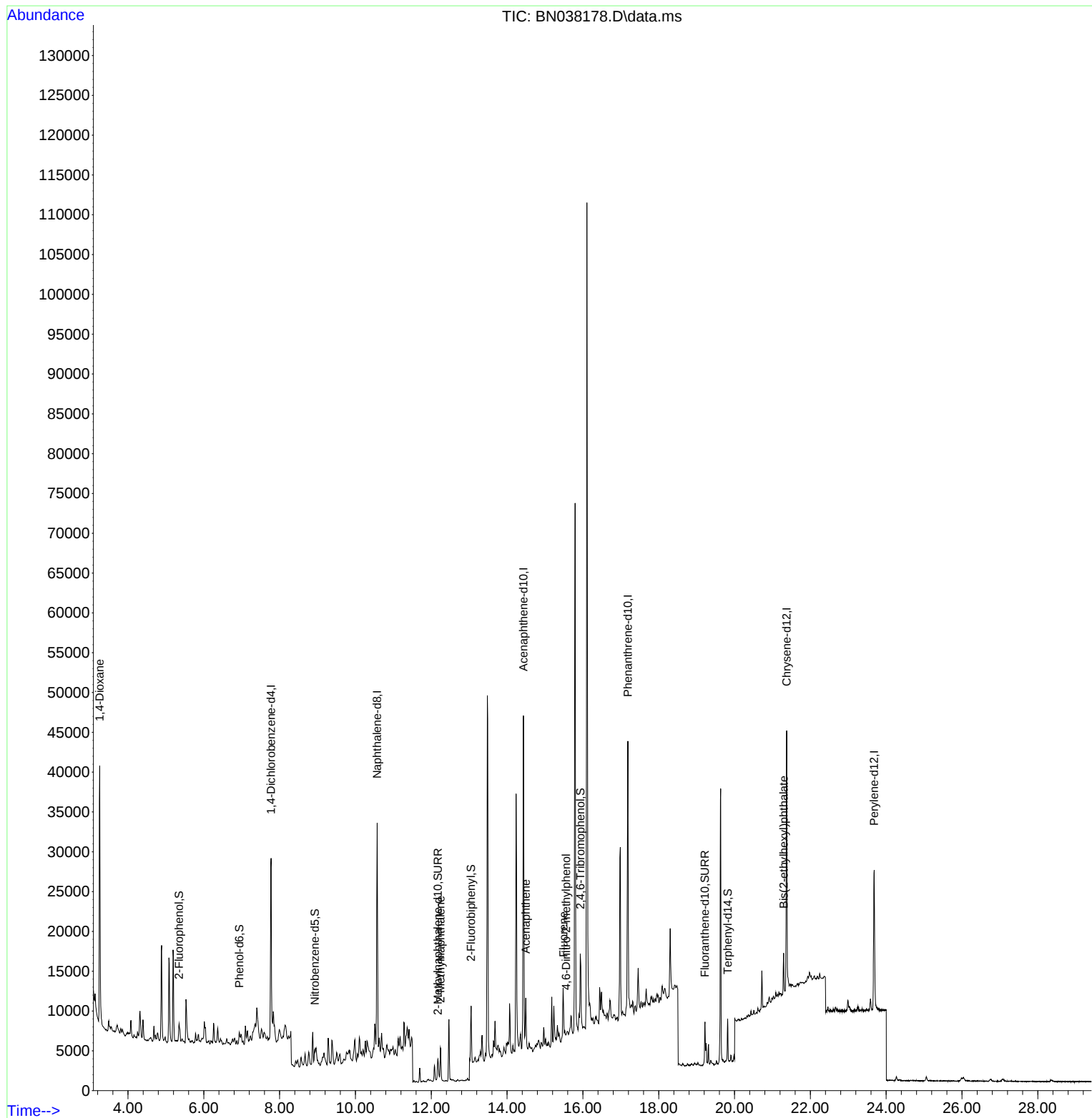
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11254	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	37609	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24476	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	44166	0.400	ng	0.00
29) Chrysene-d12	21.375	240	28574	0.400	ng	0.00
35) Perylene-d12	23.683	264	24475	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1062	0.040	ng	0.00
5) Phenol-d6	6.937	99	843	0.026	ng	0.00
8) Nitrobenzene-d5	8.929	82	1783	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	3151	0.059	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	775	0.077	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	5917	0.060	ng	0.00
27) Fluoranthene-d10	19.220	212	5929	0.053	ng	0.00
31) Terphenyl-d14	19.819	244	5253	0.085	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	21666	1.863	ng	98
12) 2-Methylnaphthalene	12.243	142	3016	0.044	ng	# 89
17) Acenaphthene	14.495	154	3342	0.043	ng	96
18) Fluorene	15.489	166	2311	0.023	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.560	198	45	0.189	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	5221	0.097	ng	# 95

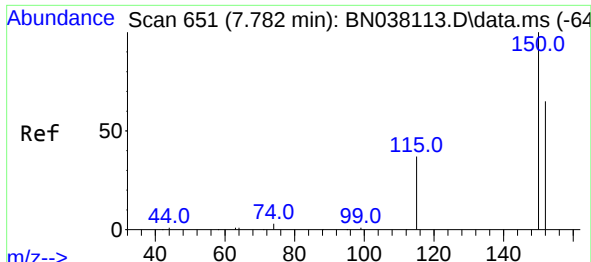
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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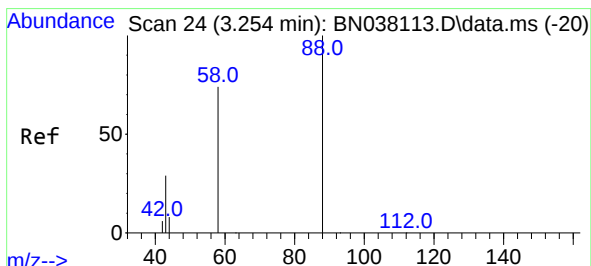
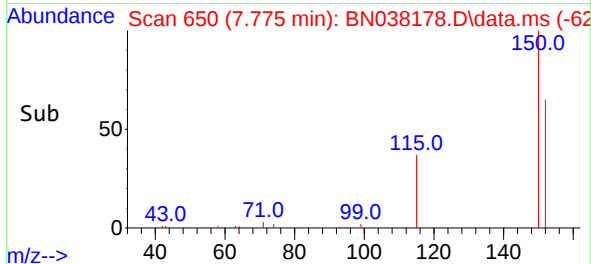
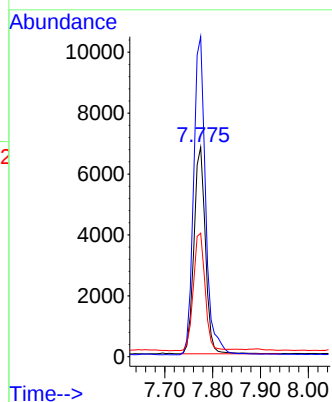
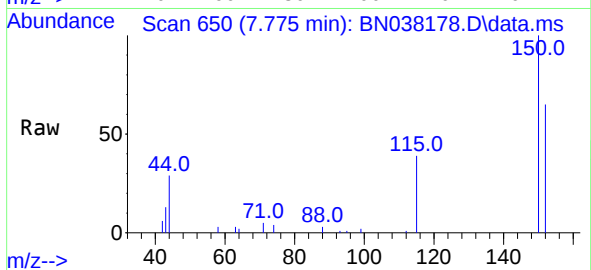




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038178.D
 Acq: 10 Nov 2025 12:39

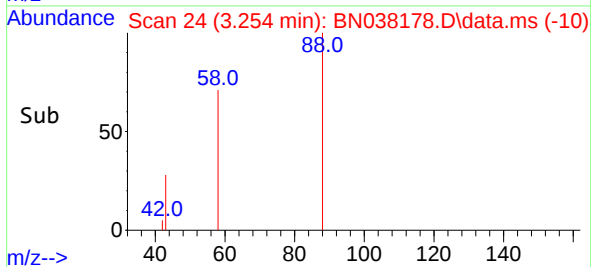
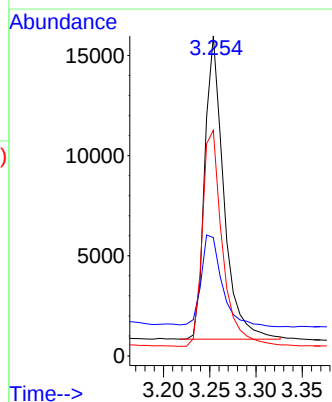
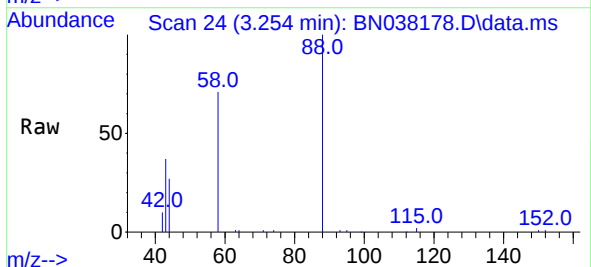
Instrument :
 BNA_N
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 MW-3DL

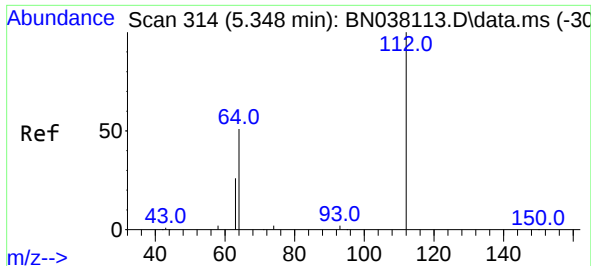
Tgt Ion:152 Resp: 11254
 Ion Ratio Lower Upper
 152 100
 150 152.7 122.3 183.5
 115 58.9 47.4 71.0



#2
 1,4-Dioxane
 Concen: 1.863 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038178.D
 Acq: 10 Nov 2025 12:39

Tgt Ion: 88 Resp: 21666
 Ion Ratio Lower Upper
 88 100
 43 33.5 24.3 36.5
 58 75.3 60.4 90.6

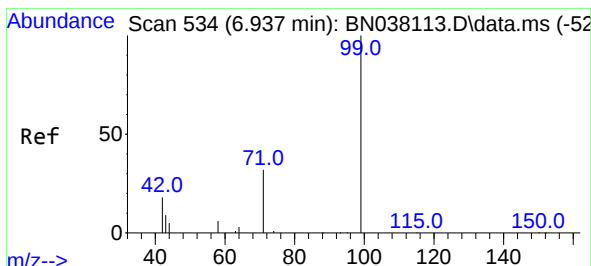
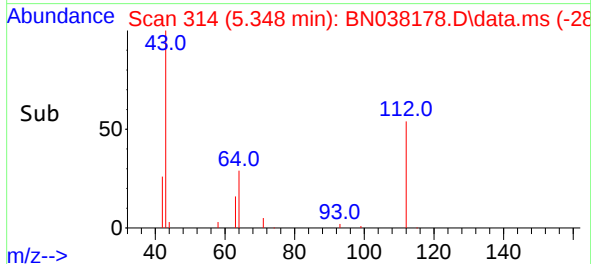
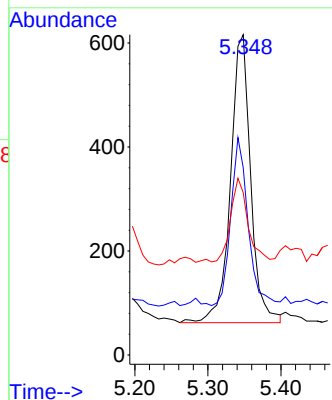
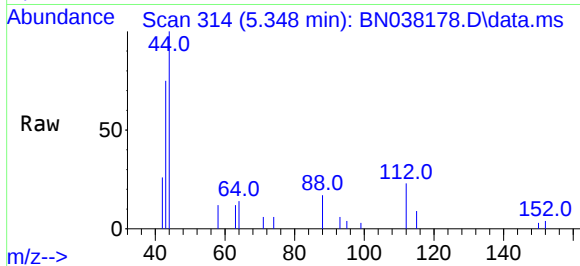




#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

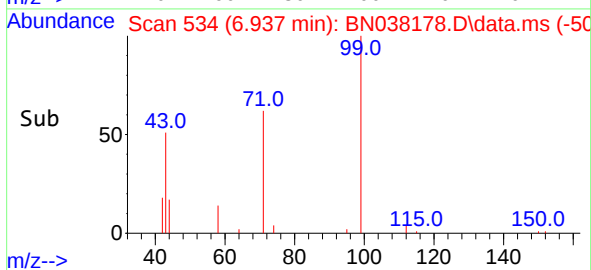
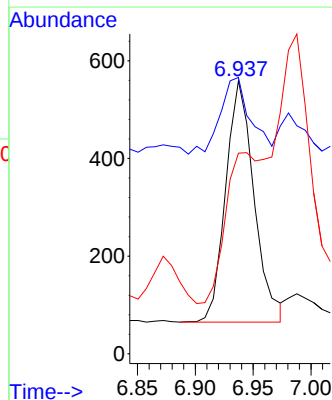
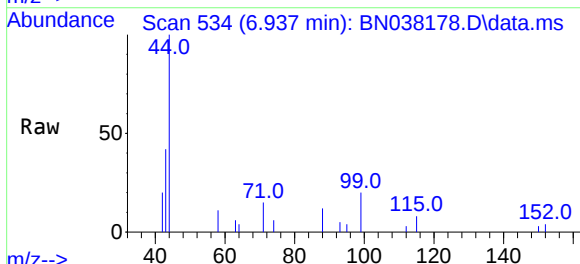
Instrument :
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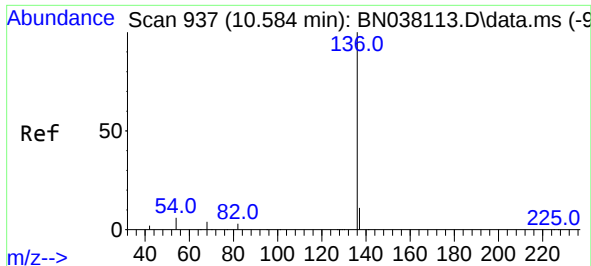
Tgt Ion: 112 Resp: 1062
Ion Ratio Lower Upper
112 100
64 49.9 45.4 68.0
63 25.0 23.2 34.8



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion: 99 Resp: 843
Ion Ratio Lower Upper
99 100
42 38.1 16.6 24.8#
71 67.9 25.4 38.2#

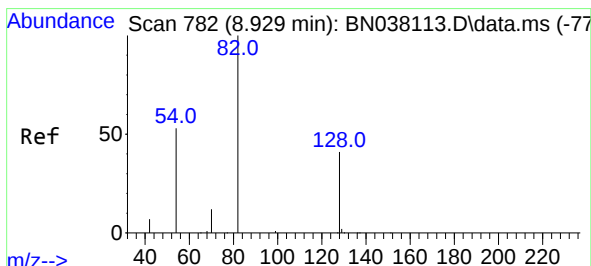
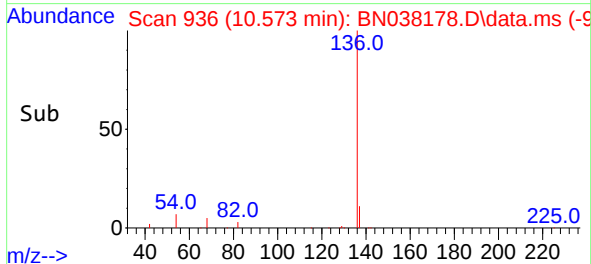
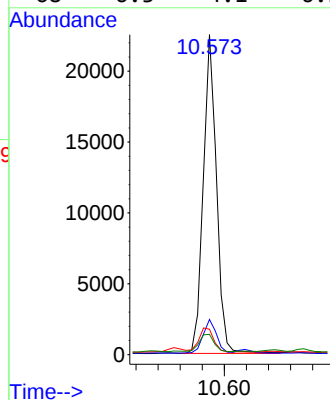
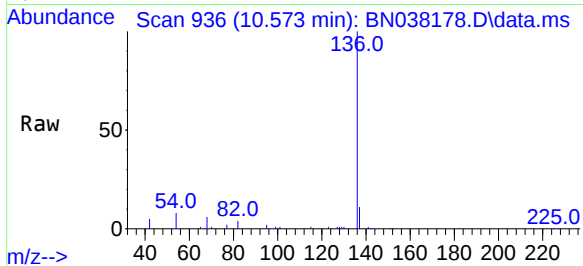




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

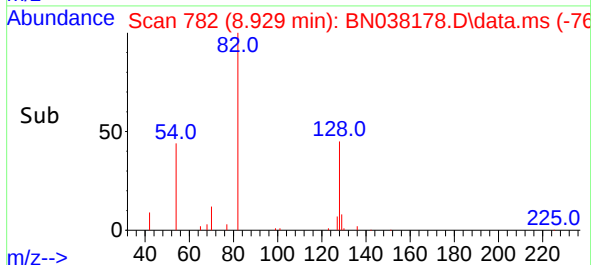
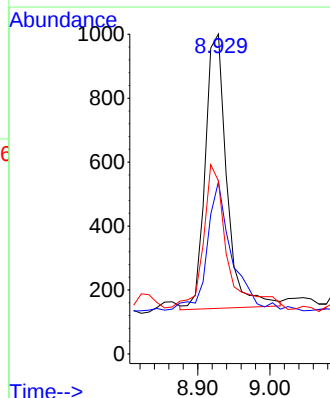
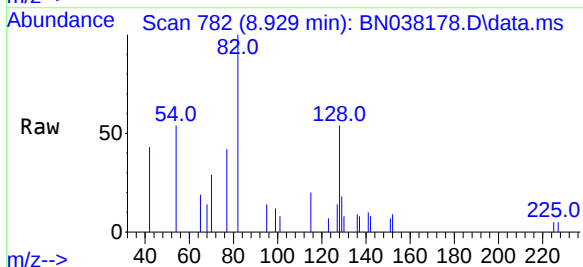
Instrument :
BNA_N
ClientSampleId :
MW-3DL

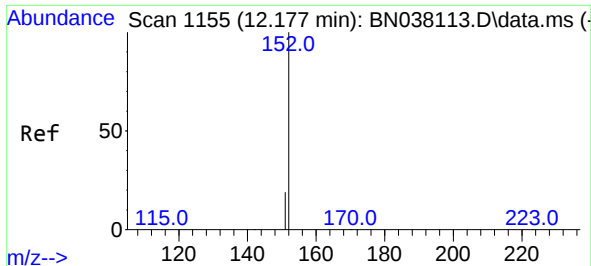
Tgt Ion:136 Resp: 37609
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 5.2 7.8#
68 6.3 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion: 82 Resp: 1783
Ion Ratio Lower Upper
82 100
128 53.8 34.1 51.1#
54 54.0 43.5 65.3

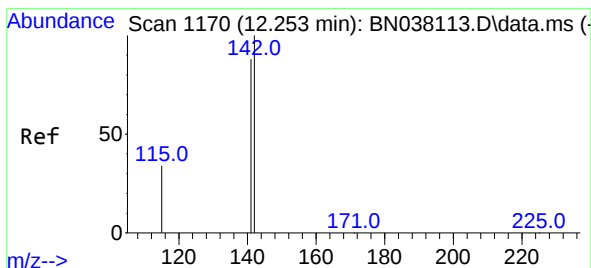
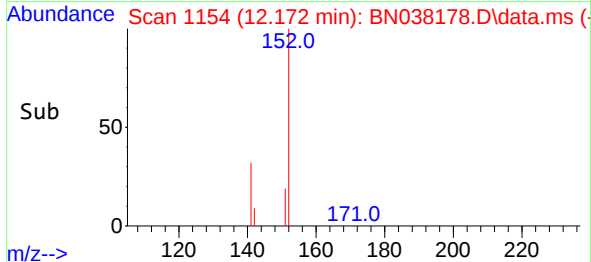
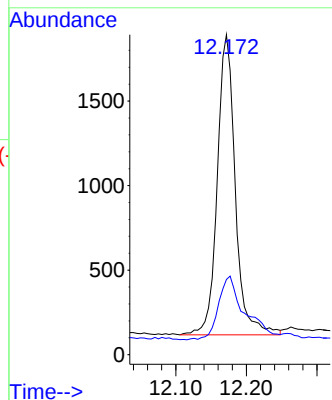
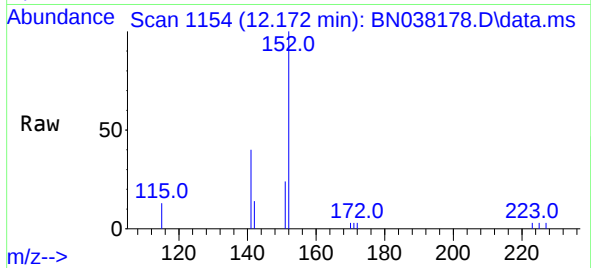




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

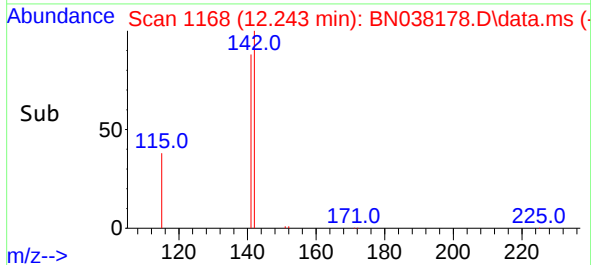
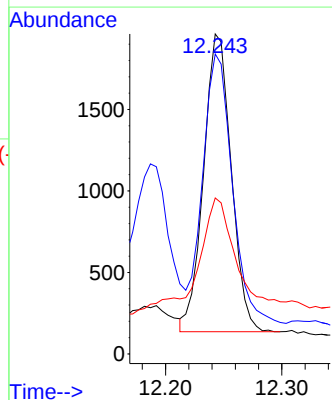
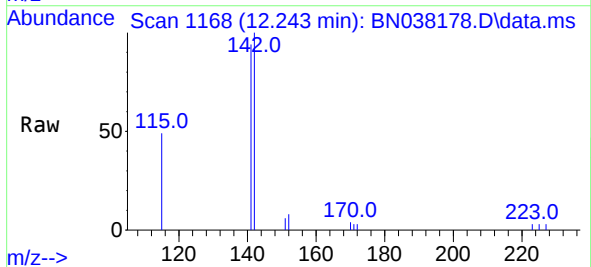
Instrument :
BNA_N
ClientSampleId :
MW-3DL

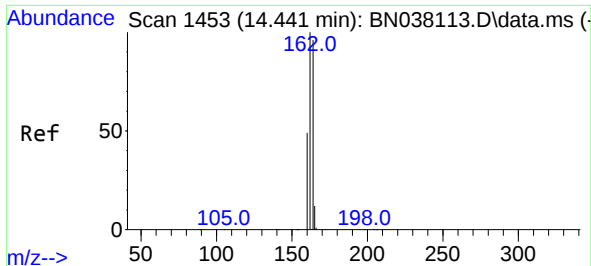
Tgt Ion:152 Resp: 3151
Ion Ratio Lower Upper
152 100
151 31.4 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.044 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

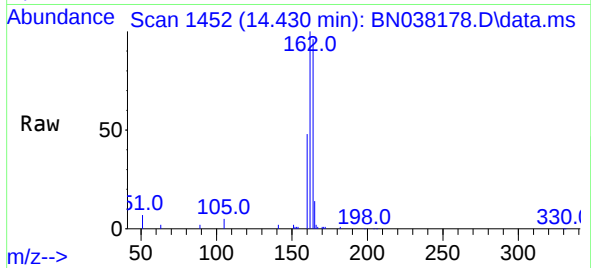
Tgt Ion:142 Resp: 3016
Ion Ratio Lower Upper
142 100
141 93.7 70.3 105.5
115 48.8 27.8 41.6#



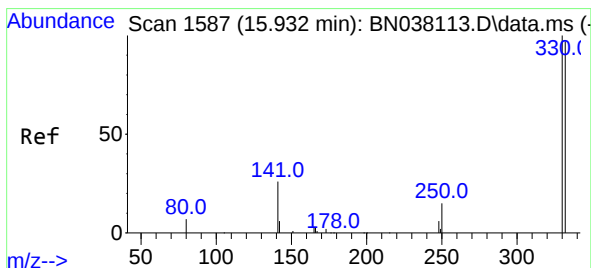
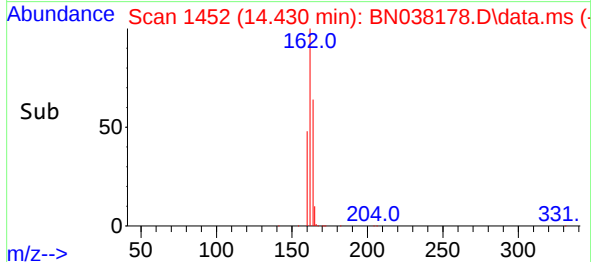
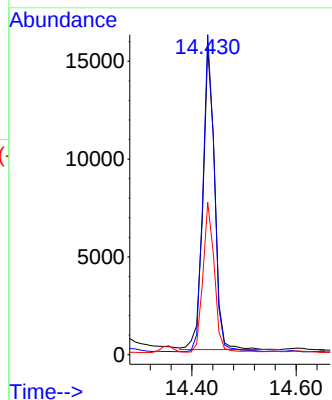


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

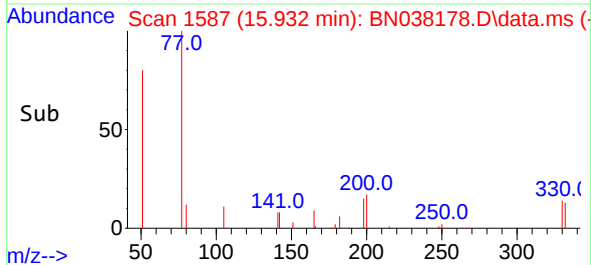
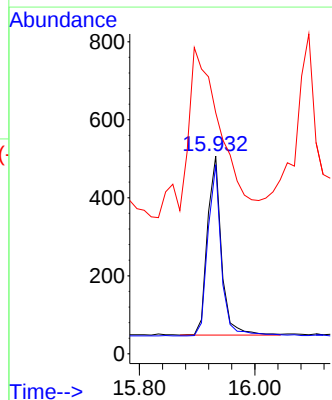
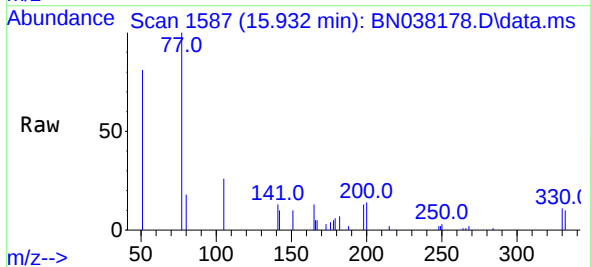


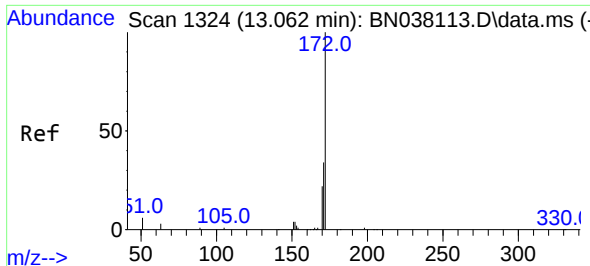
Tgt Ion:164 Resp: 24476
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.4
160 49.7 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:330 Resp: 775
Ion Ratio Lower Upper
330 100
332 92.8 76.6 114.8
141 0.0 34.1 51.1#

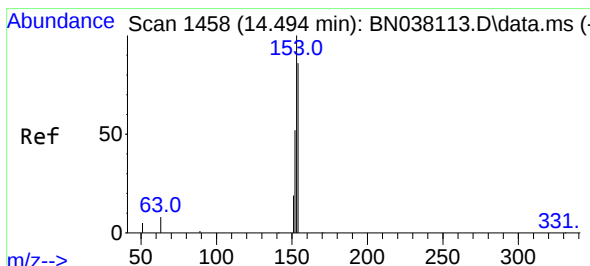
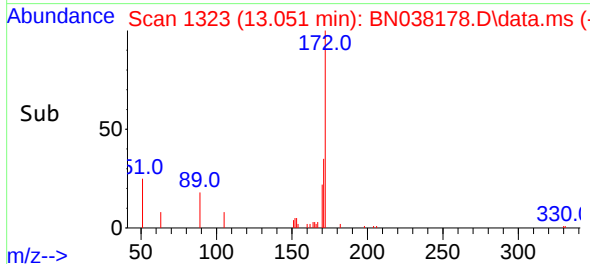
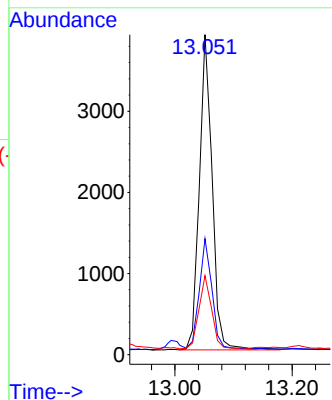
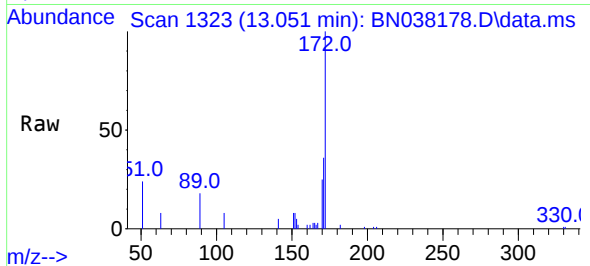




#15
2-Fluorobiphenyl
Concen: 0.060 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

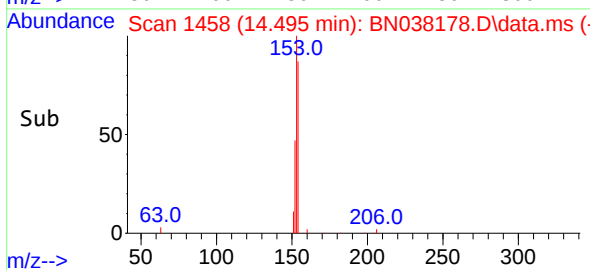
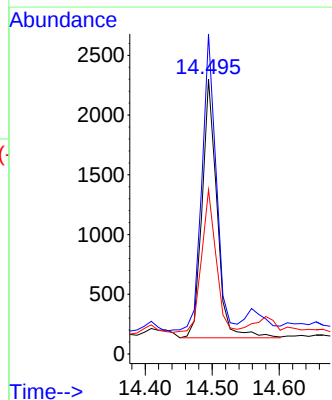
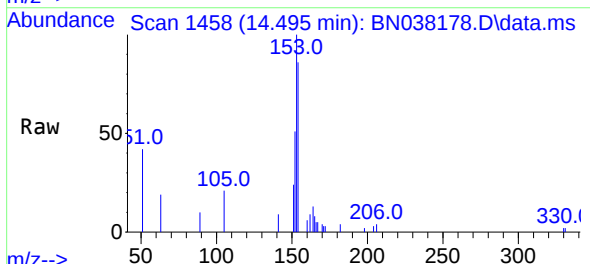
Instrument :
BNA_N
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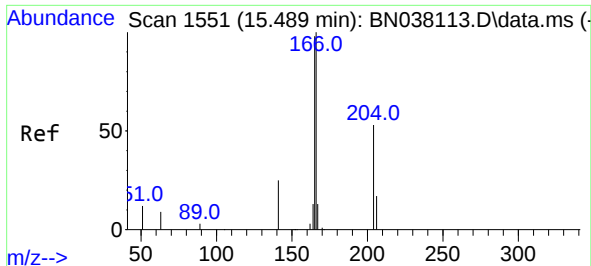
Tgt Ion:	172	Resp:	5917
Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.7	18.1	27.1



#17
Acenaphthene
Concen: 0.043 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:	154	Resp:	3342
Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.0	135.0
152	53.9	47.3	70.9

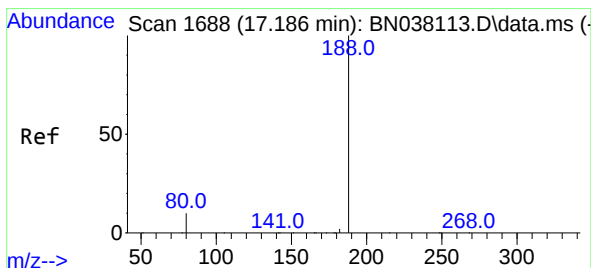
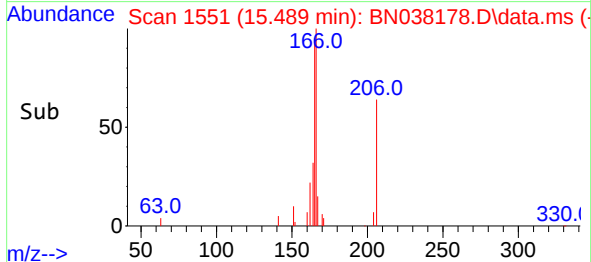
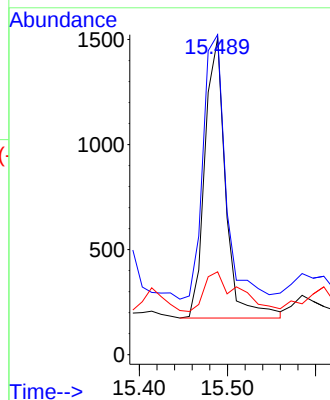
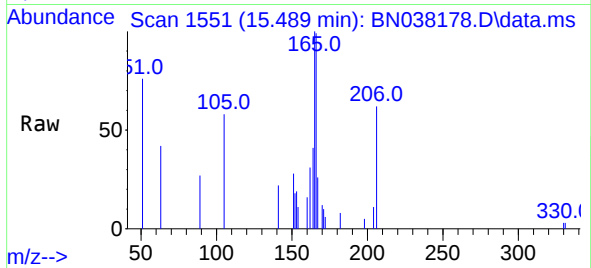




#18
Fluorene
Concen: 0.023 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

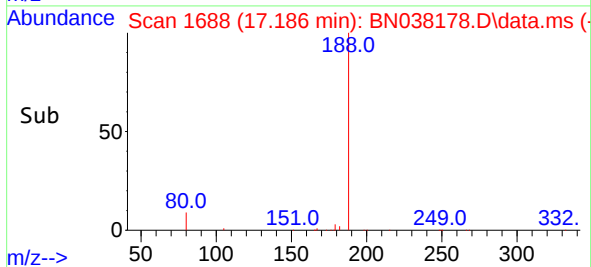
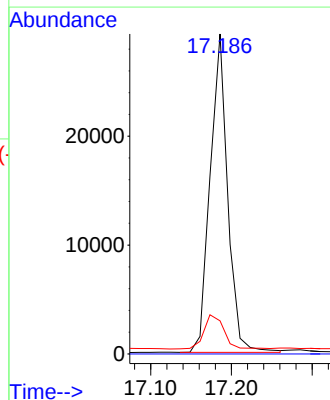
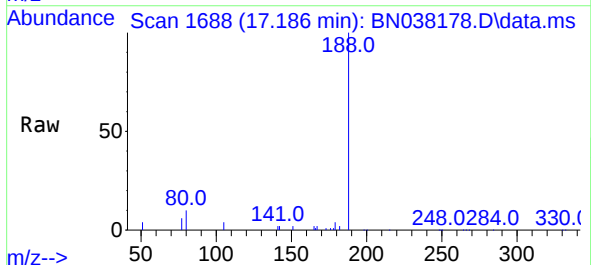
Instrument :
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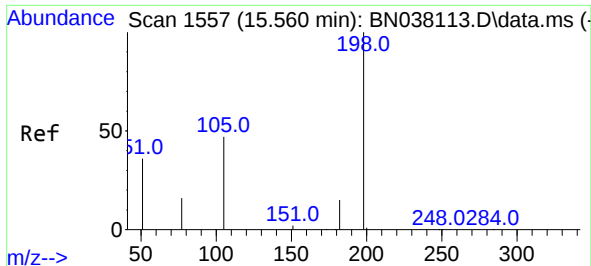
Tgt Ion:166 Resp: 2311
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.4
167 22.5 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:188 Resp: 44166
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 8.6 13.0

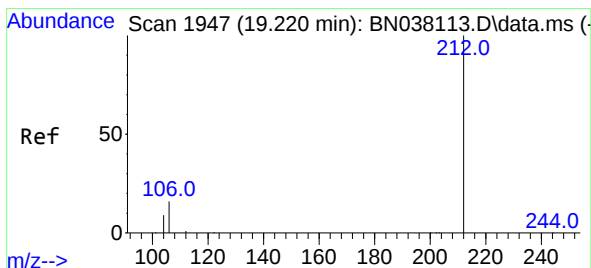
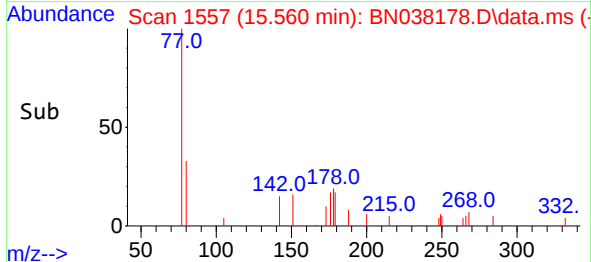
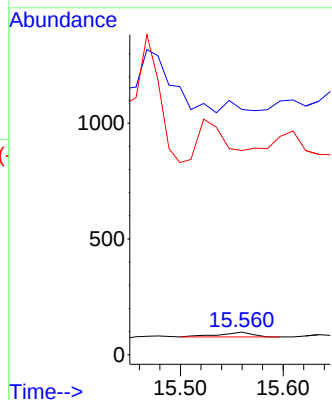
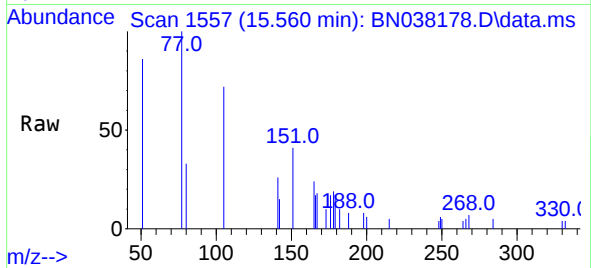




#20
4,6-Dinitro-2-methylphenol
Concen: 0.189 ng
RT: 15.560 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

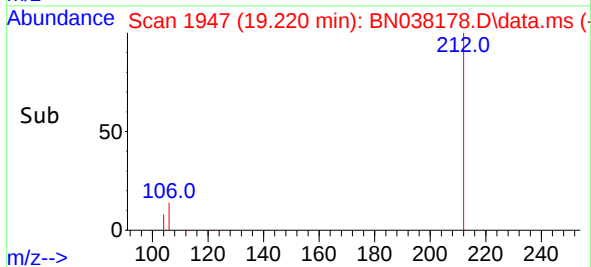
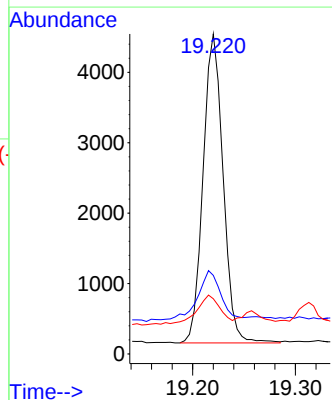
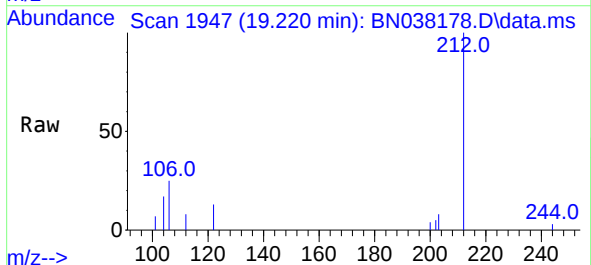
Instrument :
BNA_N
ClientSampleId :
MW-3DL

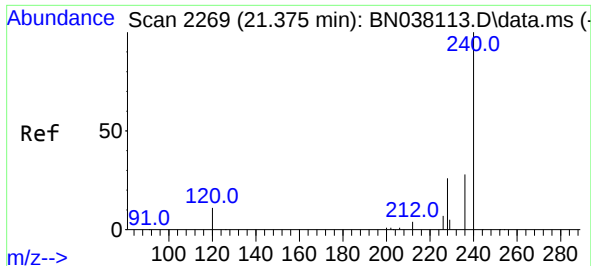
Tgt Ion:198 Resp: 45
Ion Ratio Lower Upper
198 100
51 1080.6 88.9 133.3#
105 900.0 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.053 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:212 Resp: 5929
Ion Ratio Lower Upper
212 100
106 17.8 12.6 19.0
104 11.9 7.1 10.7#

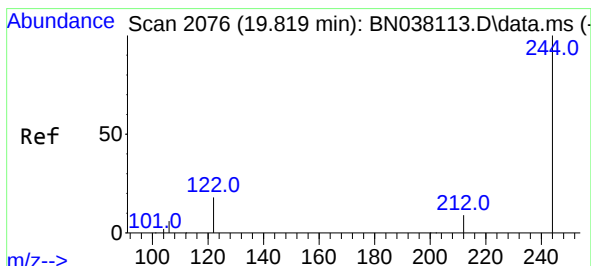
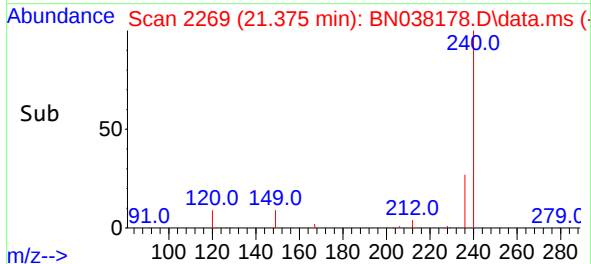
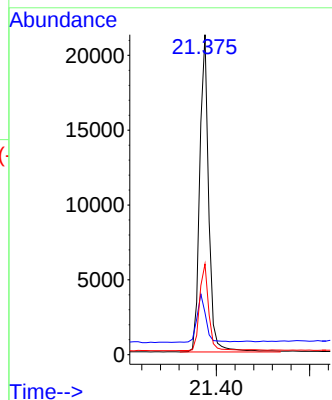
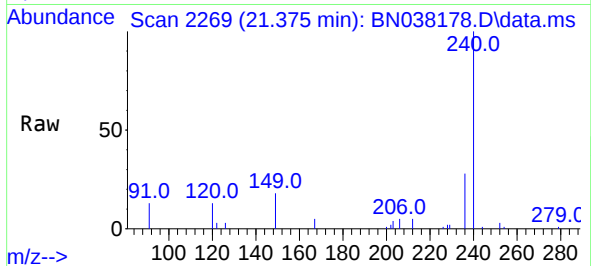




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

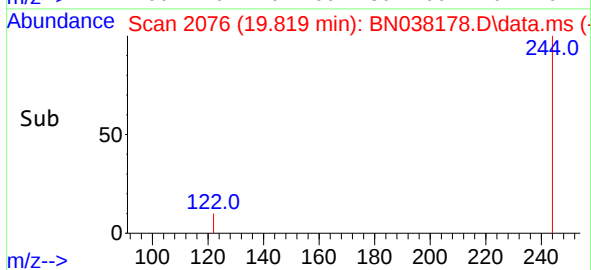
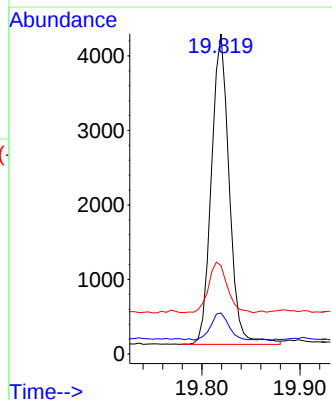
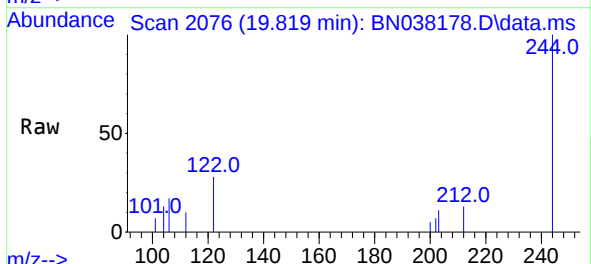
Instrument :
BNA_N
ClientSampleId :
MW-3DL

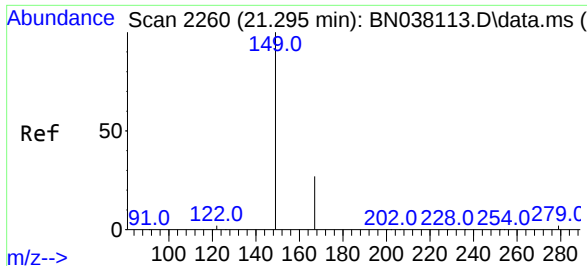
Tgt Ion:240 Resp: 28574
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 28.4 23.1 34.7



#31
Terphenyl-d14
Concen: 0.085 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:244 Resp: 5253
Ion Ratio Lower Upper
244 100
212 12.8 7.8 11.6#
122 27.6 15.2 22.8#

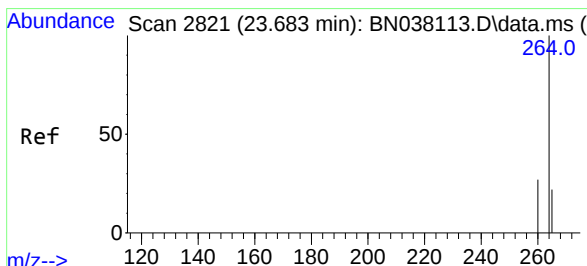
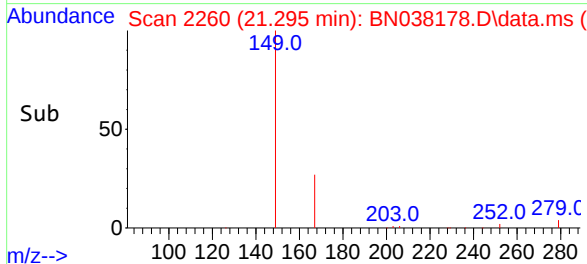
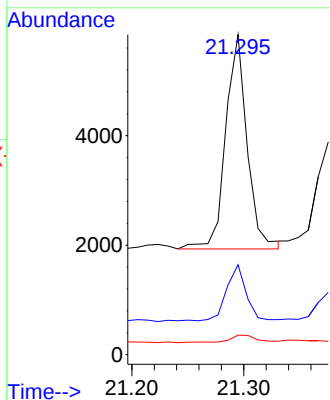
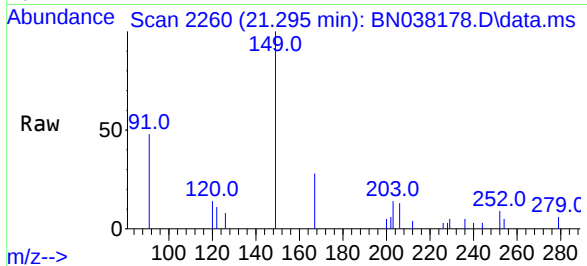




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.295 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BN038178.D
 Acq: 10 Nov 2025 12:39

Instrument :
 BNA_N
 ClientSampleId :
 MW-3DL

Tgt Ion:149 Resp: 5221
 Ion Ratio Lower Upper
 149 100
 167 23.7 21.1 31.7
 279 4.7 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 2821
 Delta R.T. 0.003 min
 Lab File: BN038178.D
 Acq: 10 Nov 2025 12:39

Tgt Ion:264 Resp: 24475
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.8 32.8
 265 73.1 68.6 102.8

