

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038170.D
 Acq On : 08 Nov 2025 01:20
 Operator : RC/JU
 Sample : Q3534-02DL 30X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

Quant Time: Nov 08 03:29:06 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)

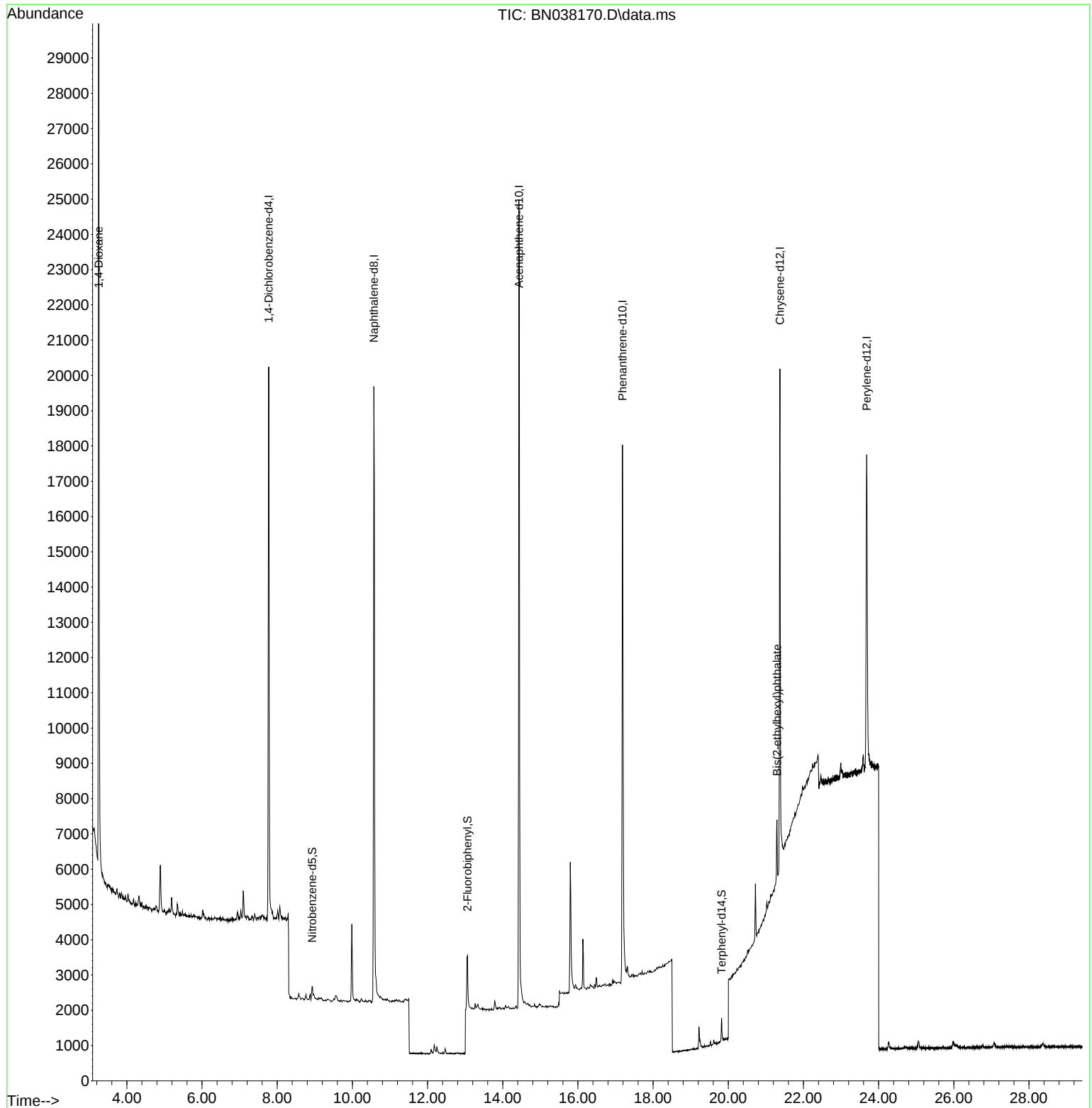
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8096	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25457	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14977	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25954	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14825	0.400	ng	0.00
35) Perylene-d12	23.683	264	13976	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	206	0.011	ng	0.00
5) Phenol-d6	6.944	99	228	0.010	ng	0.00
8) Nitrobenzene-d5	8.929	82	456	0.022	ng	0.00
11) 2-Methylnaphthalene-d10	12.182	152	385	0.011	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	81	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	1835	0.031	ng	0.01
27) Fluoranthene-d10	19.220	212	761	0.012	ng	0.00
31) Terphenyl-d14	19.824	244	728	0.023	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	19144	2.289	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.073	ng	93

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

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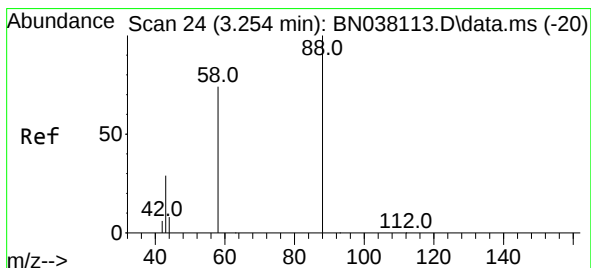
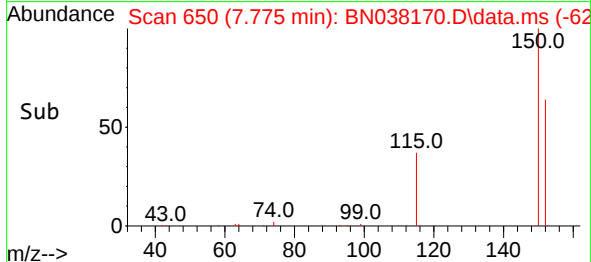
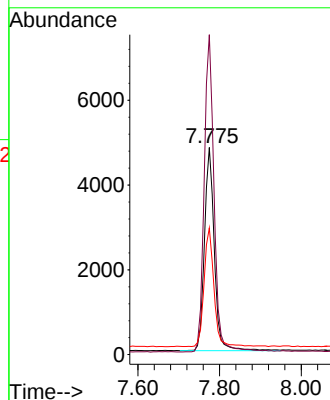
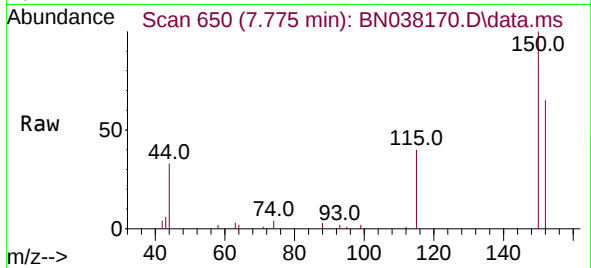




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038170.D
 Acq: 08 Nov 2025 01:20

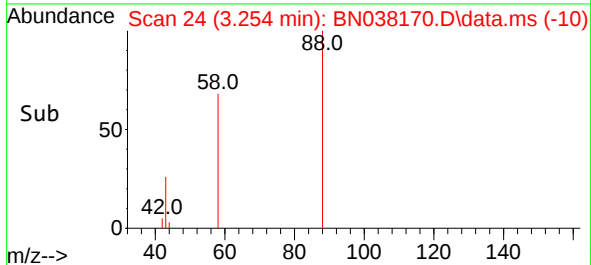
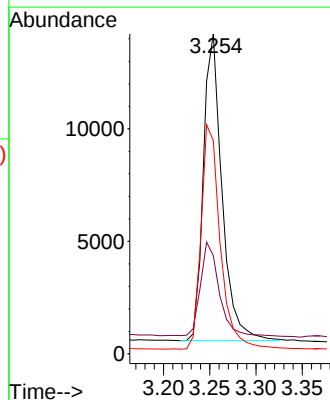
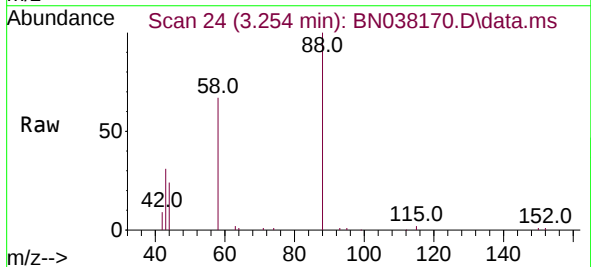
Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

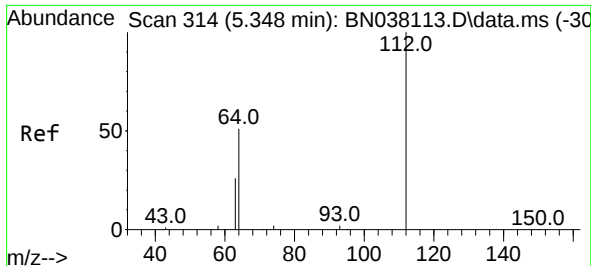
Tgt Ion:152 Resp: 8096
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.3 183.5
 115 61.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.289 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN038170.D
 Acq: 08 Nov 2025 01:20

Tgt Ion: 88 Resp: 19144
 Ion Ratio Lower Upper
 88 100
 43 30.6 24.3 36.5
 58 75.1 60.4 90.6





#4

2-Fluorophenol

Concen: 0.011 ng

RT: 5.348 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN038170.D

Acq: 08 Nov 2025 01:20

Instrument :

BNA_N

ClientSampleId :

MW-1DL

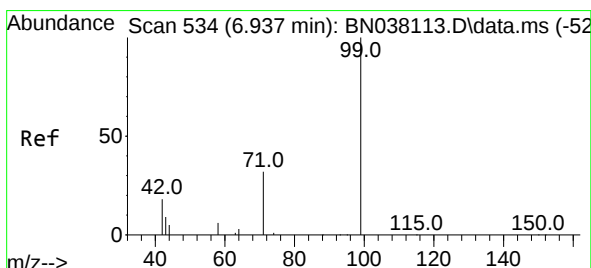
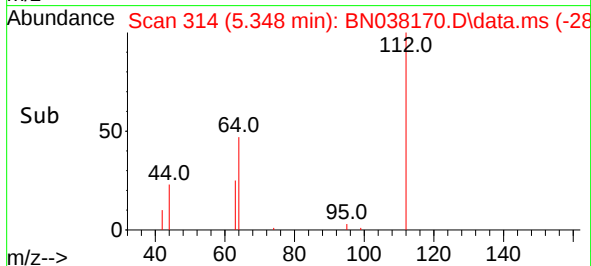
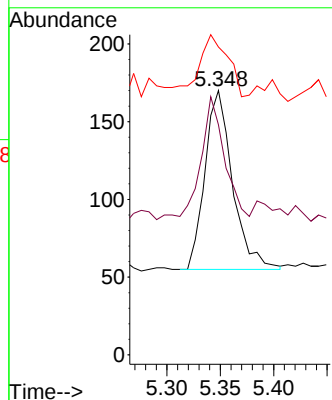
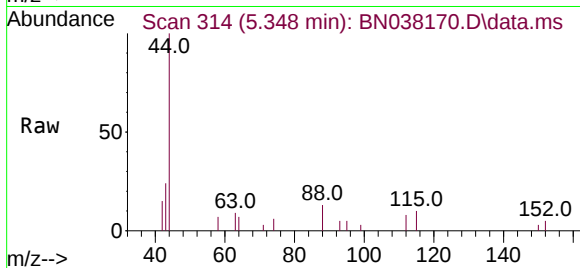
Tgt Ion:112 Resp: 206

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.0

63 34.5 23.2 34.8



#5

Phenol-d6

Concen: 0.010 ng

RT: 6.944 min Scan# 535

Delta R.T. 0.007 min

Lab File: BN038170.D

Acq: 08 Nov 2025 01:20

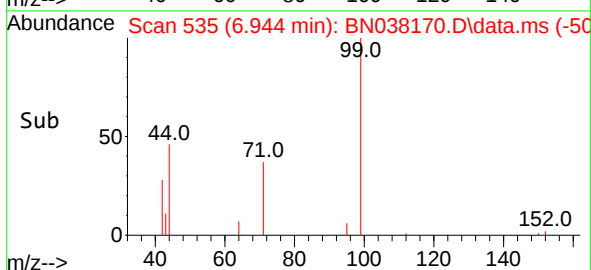
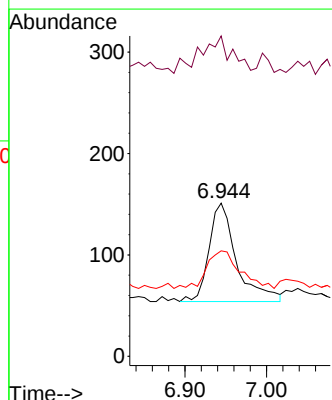
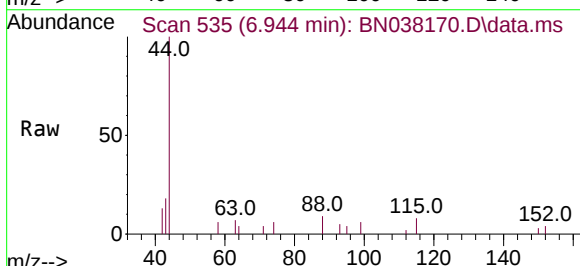
Tgt Ion: 99 Resp: 228

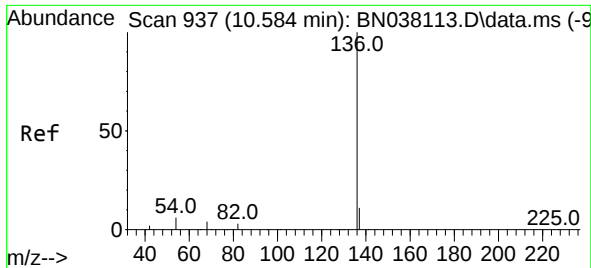
Ion Ratio Lower Upper

99 100

42 44.3 16.6 24.8#

71 45.6 25.4 38.2#

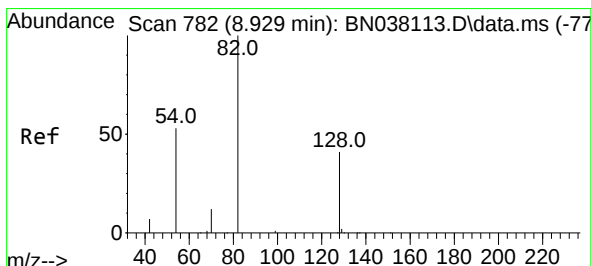
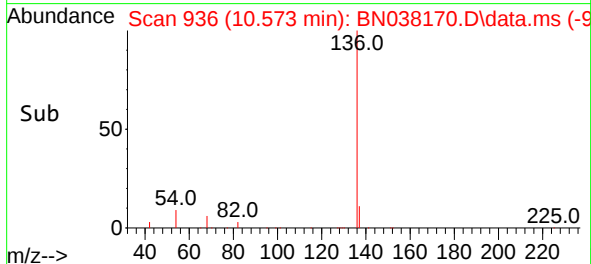
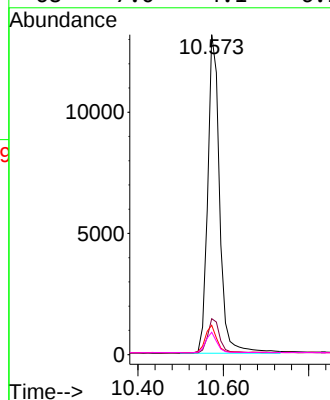
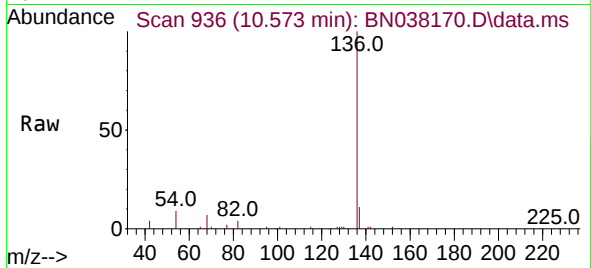




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

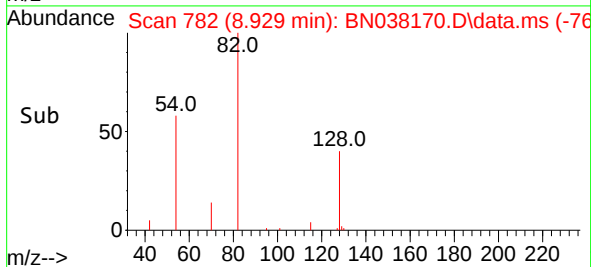
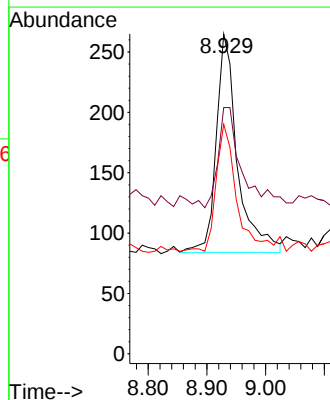
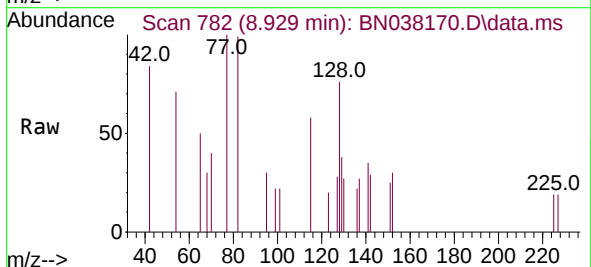
Instrument :
BNA_N
ClientSampleId :
MW-1DL

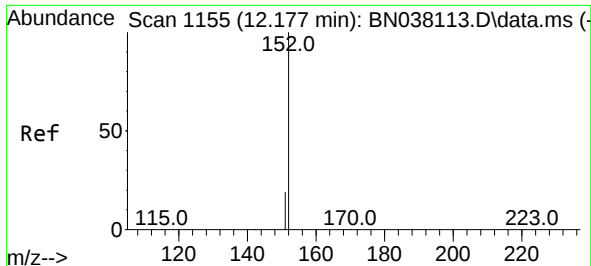
Tgt Ion:	136	Resp:	25457
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	9.2	5.2	7.8#
68	7.0	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:	82	Resp:	456
Ion Ratio	Lower	Upper	
82	100		
128	77.0	34.1	51.1#
54	71.7	43.5	65.3#

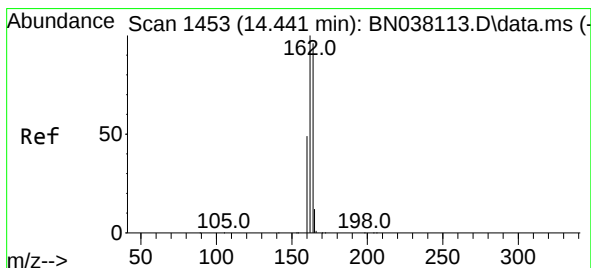
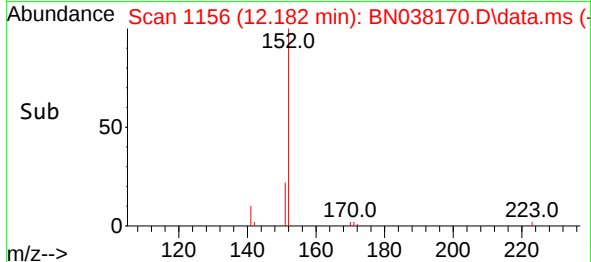
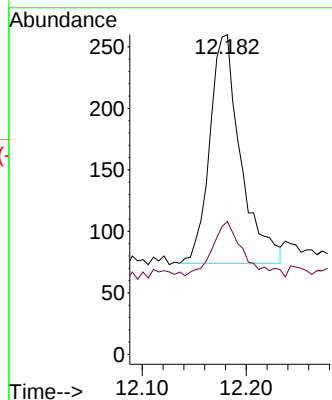
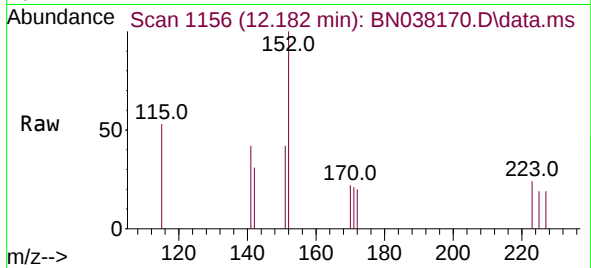




#11
2-Methylnaphthalene-d10
Concen: 0.011 ng
RT: 12.182 min Scan# 1155
Delta R.T. 0.005 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

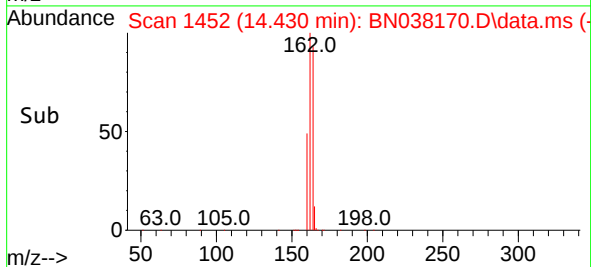
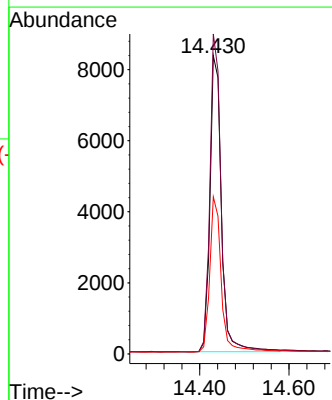
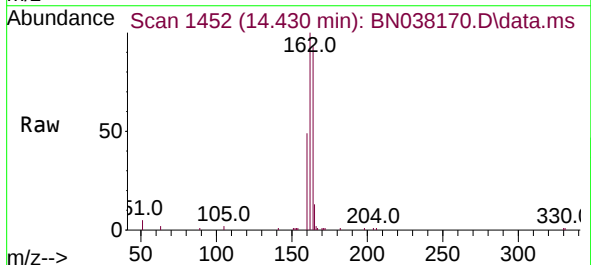
Instrument :
BNA_N
ClientSampleId :
MW-1DL

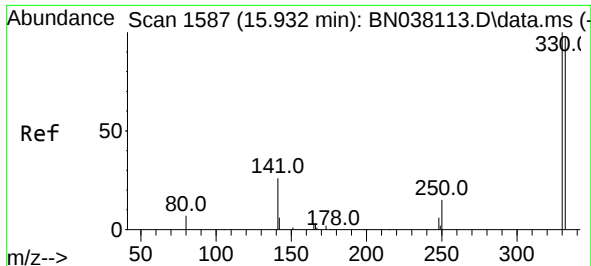
Tgt Ion:152 Resp: 385
Ion Ratio Lower Upper
152 100
151 25.5 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:164 Resp: 14977
Ion Ratio Lower Upper
164 100
162 107.3 83.0 124.4
160 52.7 40.7 61.1

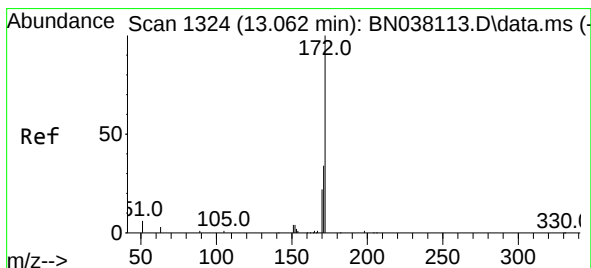
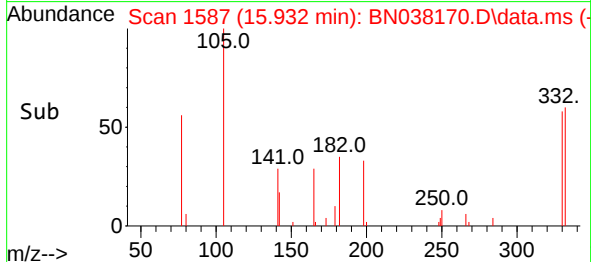
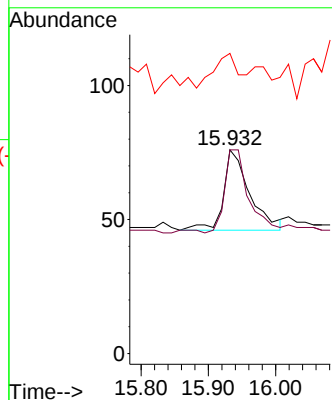
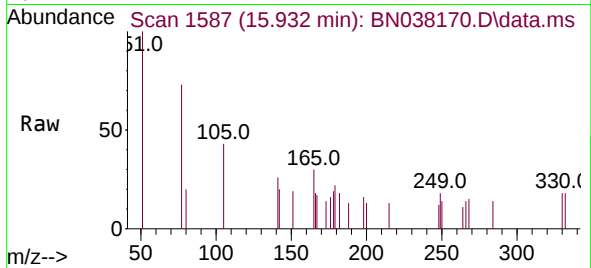




#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

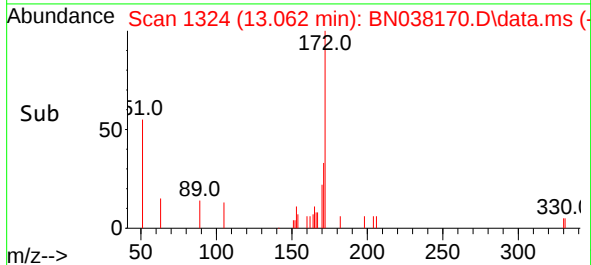
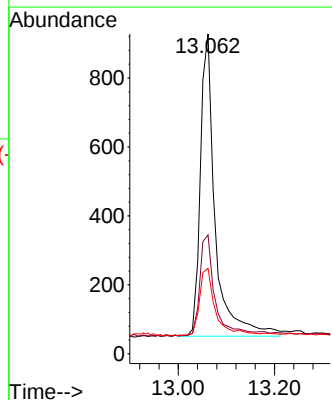
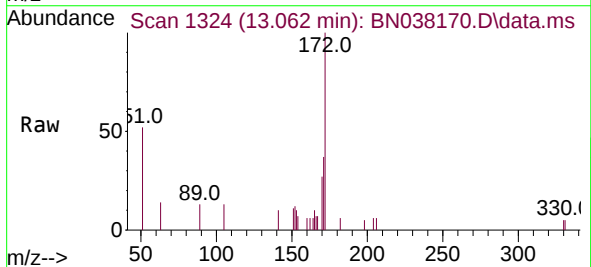
Instrument :
BNA_N
ClientSampleId :
MW-1DL

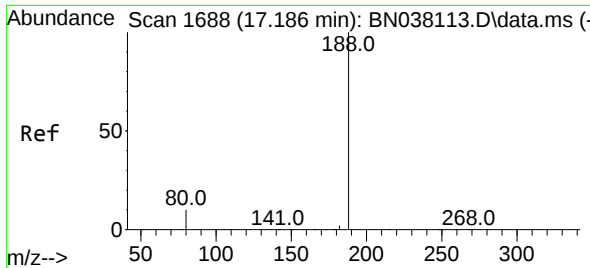
Tgt Ion:330 Resp: 81
Ion Ratio Lower Upper
330 100
332 104.9 76.6 114.8
141 40.7 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:172 Resp: 1835
Ion Ratio Lower Upper
172 100
171 37.2 27.8 41.6
170 26.7 18.1 27.1

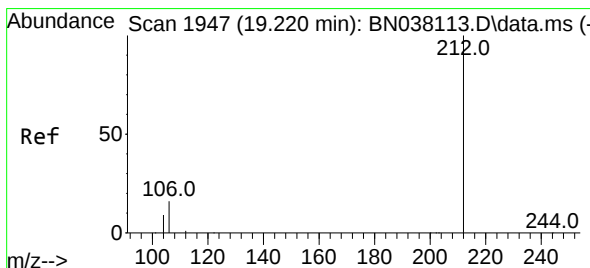
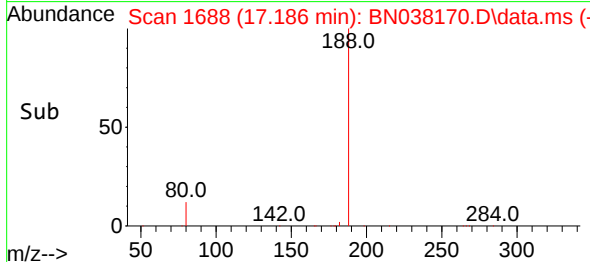
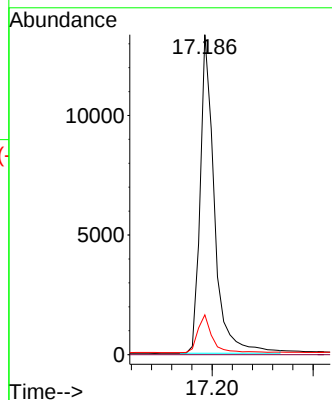
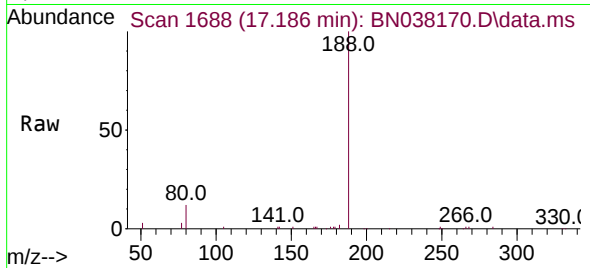




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

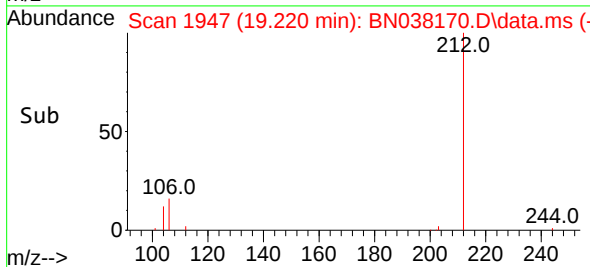
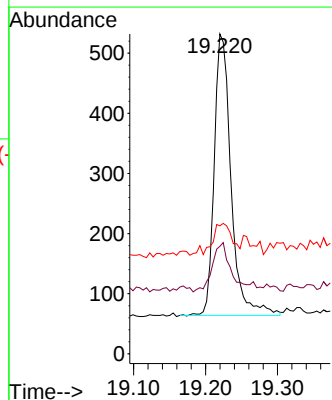
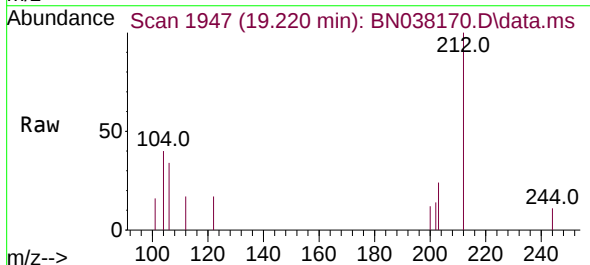
Instrument :
BNA_N
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MW-1DL

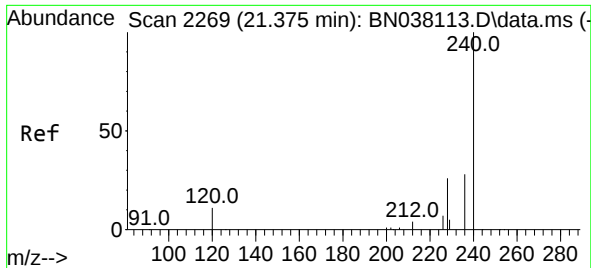
Tgt Ion:188 Resp: 25954
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.6 13.0



#27
Fluoranthene-d10
Concen: 0.012 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:212 Resp: 761
Ion Ratio Lower Upper
212 100
106 18.9 12.6 19.0
104 12.2 7.1 10.7#

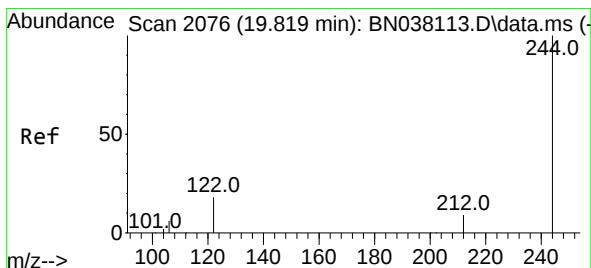
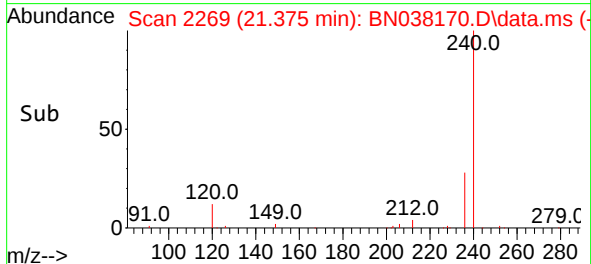
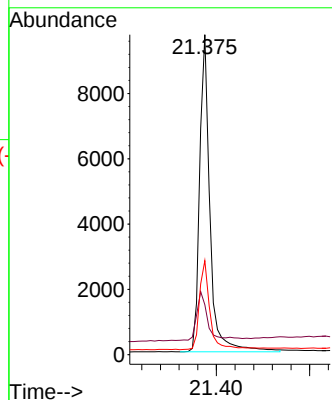
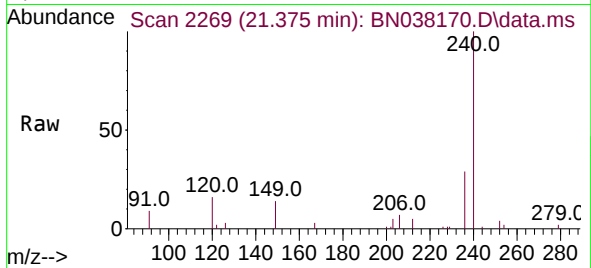




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

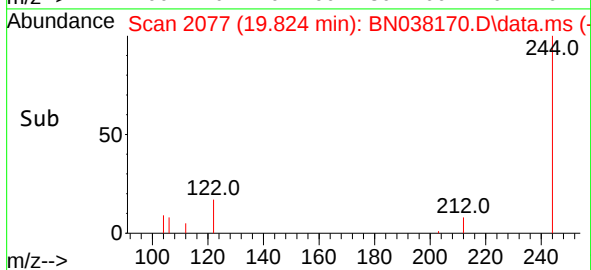
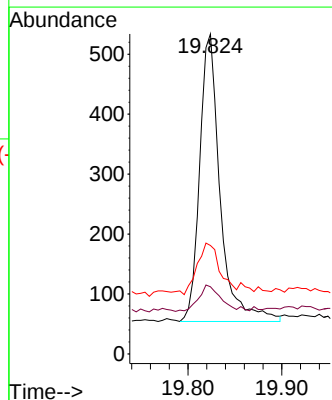
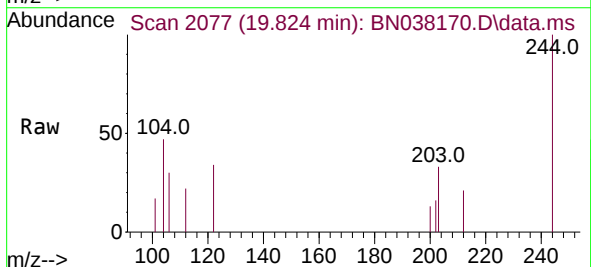
Instrument :
BNA_N
ClientSampleId :
MW-1DL

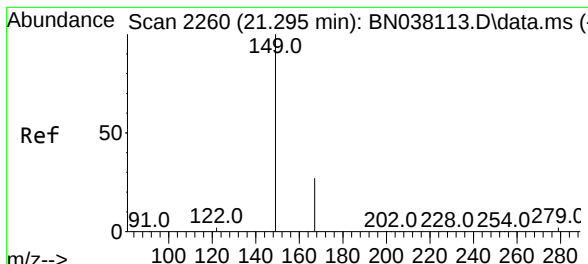
Tgt Ion:240 Resp: 14825
Ion Ratio Lower Upper
240 100
120 15.6 10.7 16.1
236 29.4 23.1 34.7



#31
Terphenyl-d14
Concen: 0.023 ng
RT: 19.824 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:244 Resp: 728
Ion Ratio Lower Upper
244 100
212 21.0 7.8 11.6#
122 33.9 15.2 22.8#

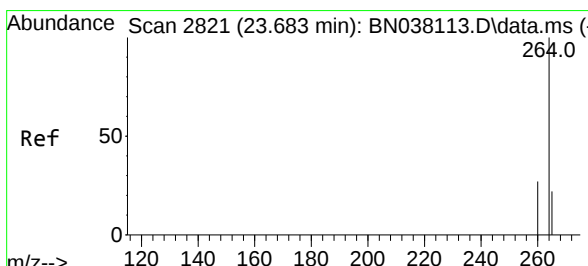
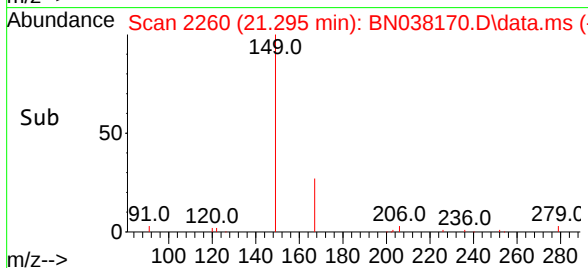
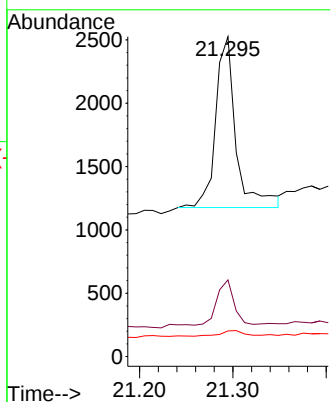
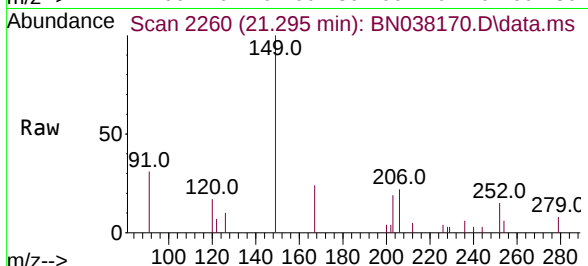




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038170.D
 Acq: 08 Nov 2025 01:20

Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

Tgt Ion:	149	Resp:	2038
Ion Ratio	Lower	Upper	
149	100		
167	22.3	21.1	31.7
279	3.6	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: BN038170.D
 Acq: 08 Nov 2025 01:20

Tgt Ion:	264	Resp:	13976
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.8	32.8
265	110.7	68.6	102.8

