

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038344.D
 Acq On : 12 Dec 2025 10:00
 Operator : RC/JU
 Sample : PB170912BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170912BL

Quant Time: Dec 12 10:25:30 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	6576	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16790	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8053	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	12820	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8612	0.400	ng	0.00
35) Perylene-d12	23.630	264	9324	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6016	0.367	ng	0.00
5) Phenol-d6	6.887	99	6712	0.345	ng	0.00
8) Nitrobenzene-d5	8.875	82	5576	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8585	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	451	0.126	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	14887	0.384	ng	0.00
27) Fluoranthene-d10	19.183	212	10905	0.344	ng	0.00
31) Terphenyl-d14	19.787	244	8247	0.429	ng	0.00

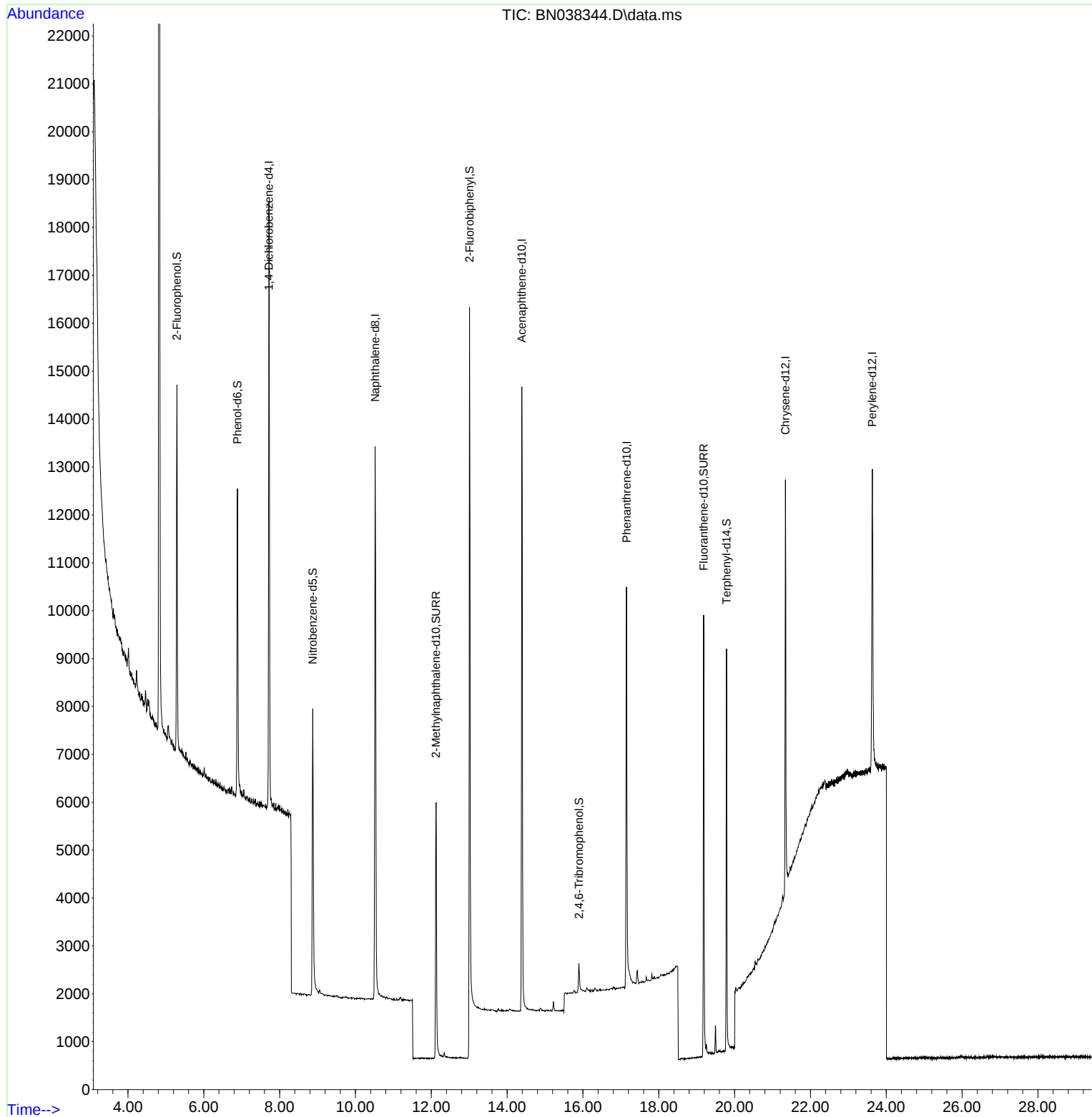
Target Compounds Qvalue

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

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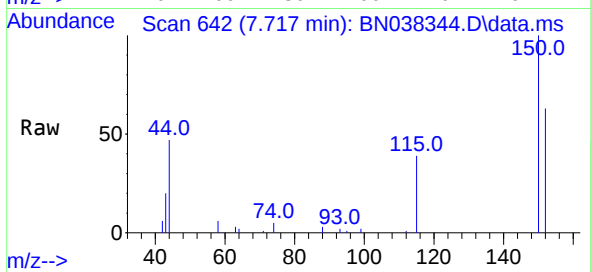
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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QLast Update : Wed Dec 10 13:56:50 2025
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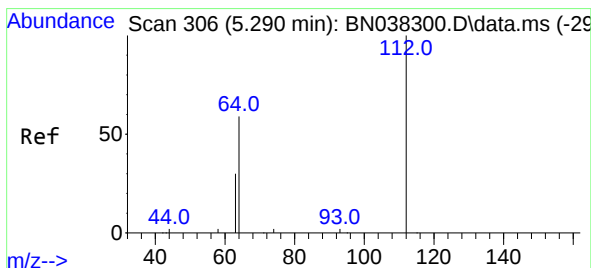
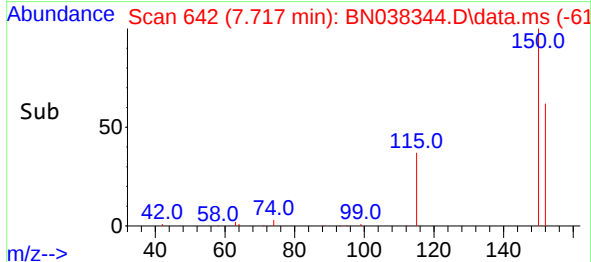
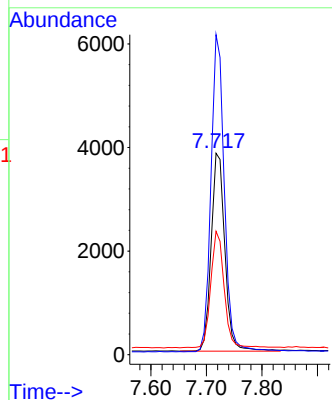


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL

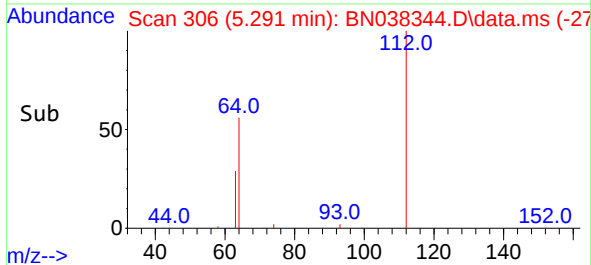
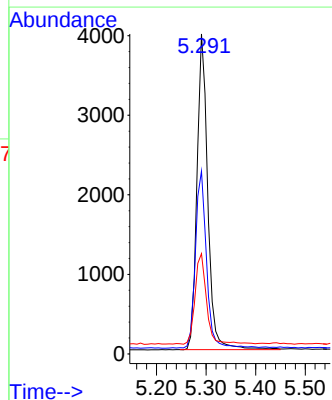
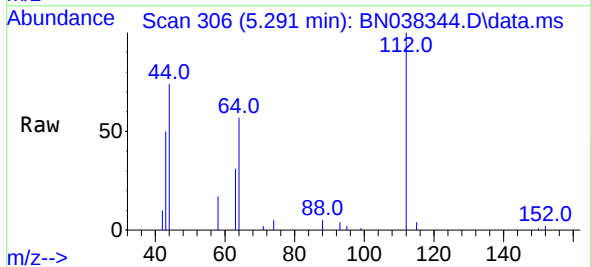


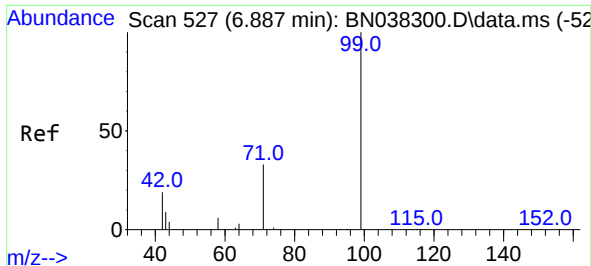
Tgt Ion:152 Resp: 6576
Ion Ratio Lower Upper
152 100
150 158.9 122.4 183.6
115 61.3 47.3 70.9



#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

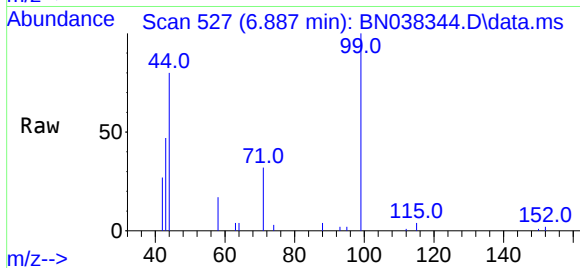
Tgt Ion:112 Resp: 6016
Ion Ratio Lower Upper
112 100
64 57.5 44.4 66.6
63 30.2 23.4 35.0





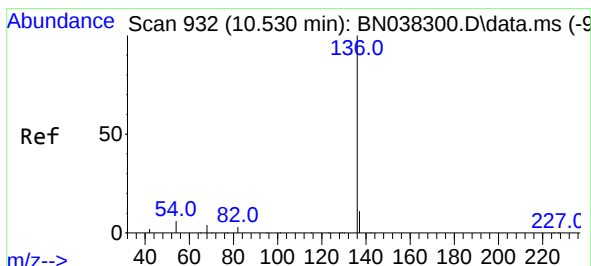
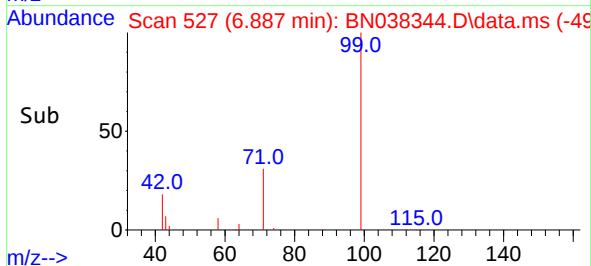
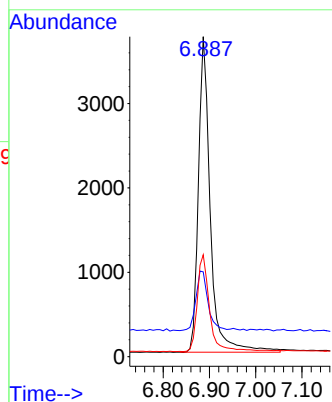
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Instrument :
BNA_N
ClientSampleId :
PB170912BL



Tgt Ion: 99 Resp: 6712

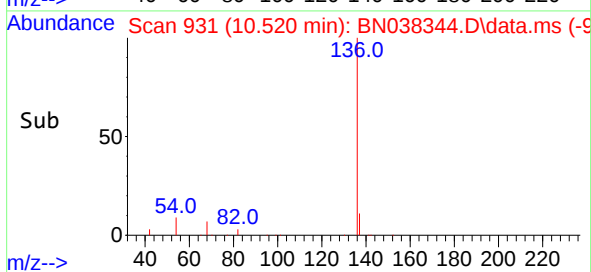
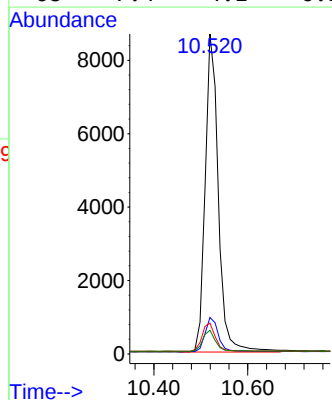
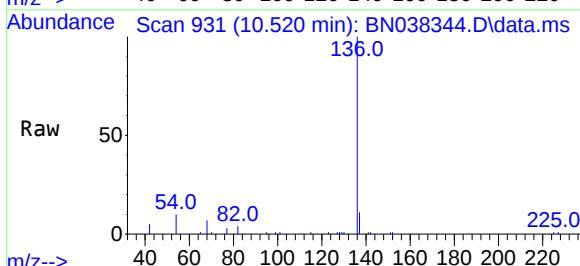
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	31.3	24.9	37.3

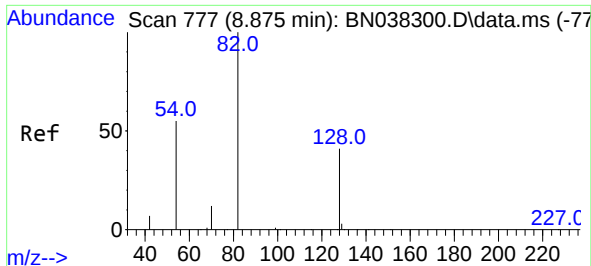


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion: 136 Resp: 16790

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.7	5.2	7.8#
68	7.4	4.1	6.1#

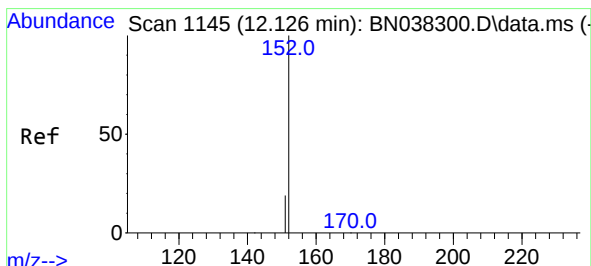
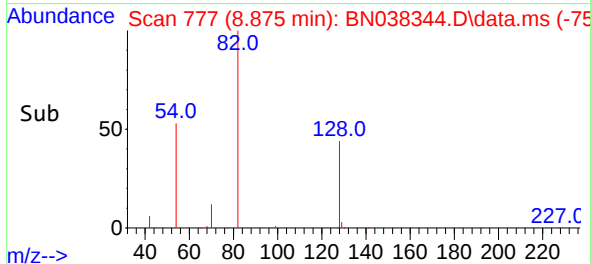
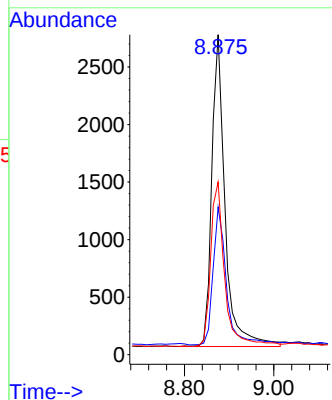
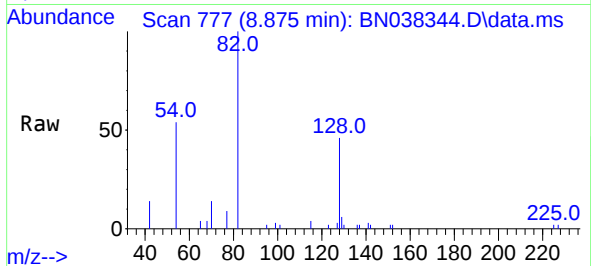




#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

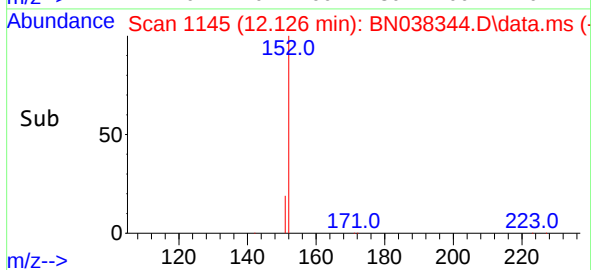
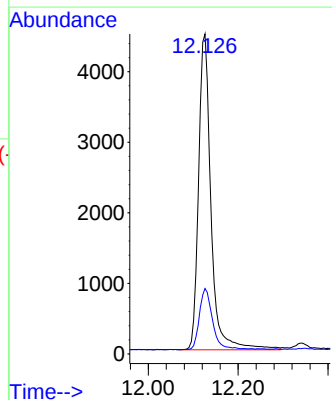
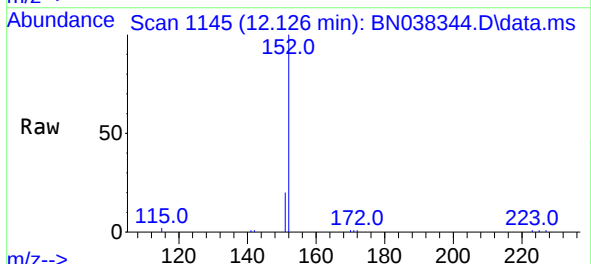
Instrument :
BNA_N
ClientSampleId :
PB170912BL

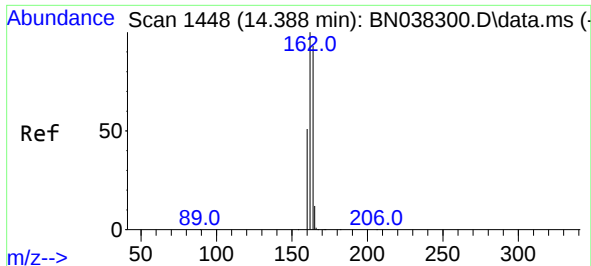
Tgt Ion: 82 Resp: 5576
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 53.9 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion: 152 Resp: 8585
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6

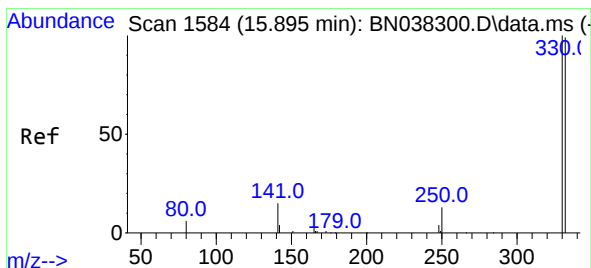
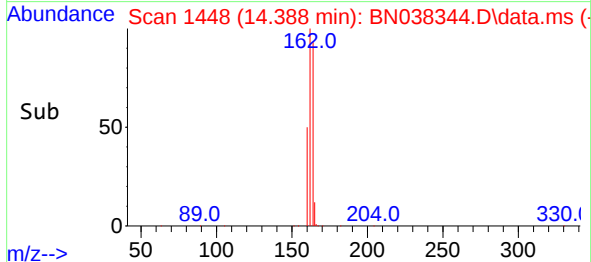
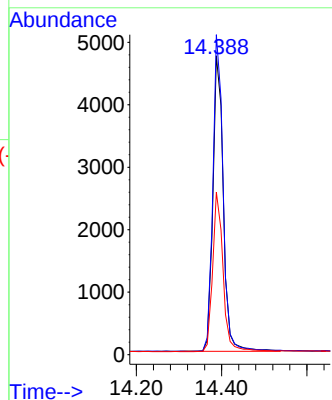
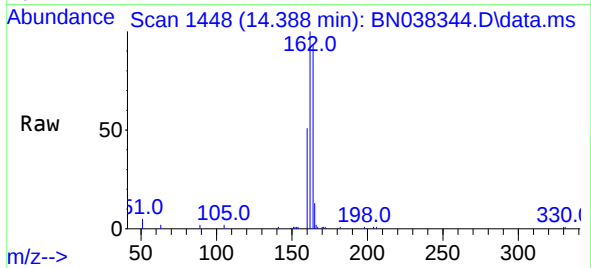




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

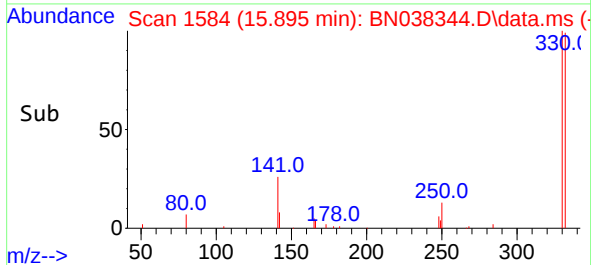
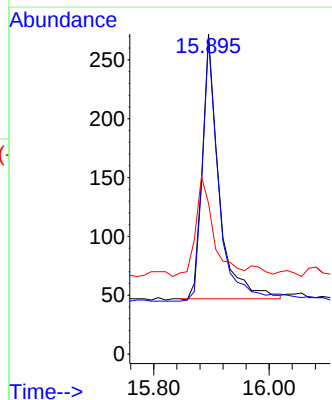
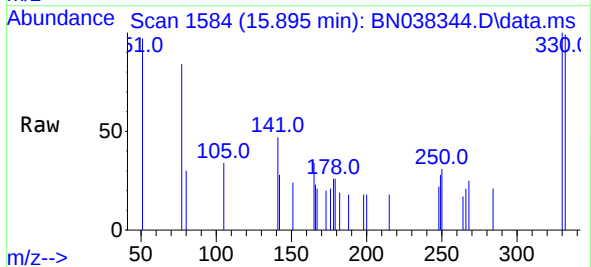
Instrument :
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ClientSampleId :
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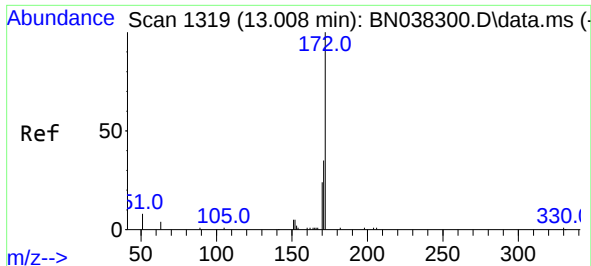
Tgt Ion:164 Resp: 8053
Ion Ratio Lower Upper
164 100
162 107.1 86.2 129.4
160 54.4 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:330 Resp: 451
Ion Ratio Lower Upper
330 100
332 99.8 75.8 113.6
141 40.4 31.8 47.8

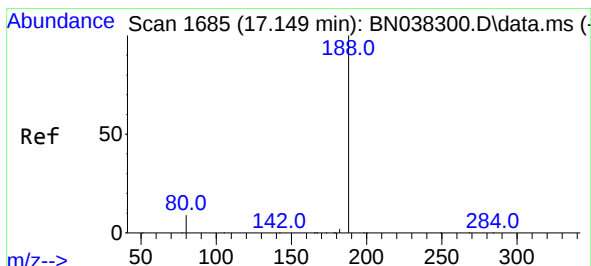
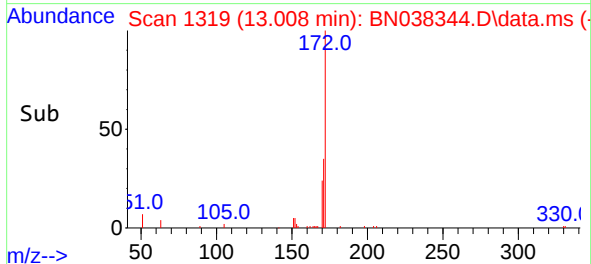
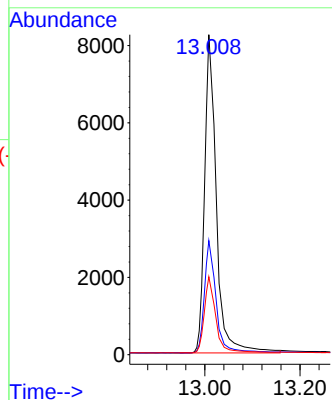
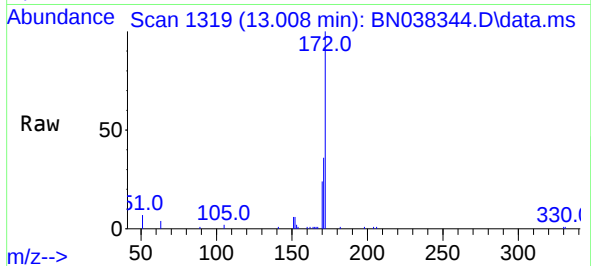




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

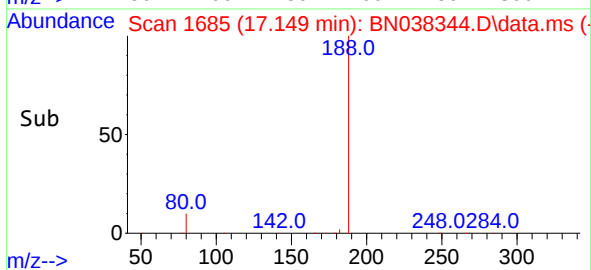
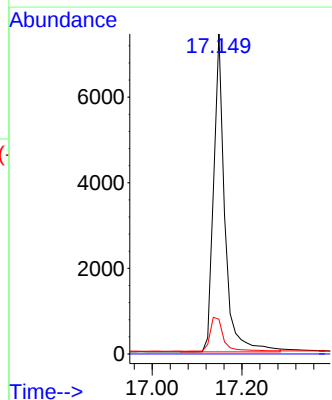
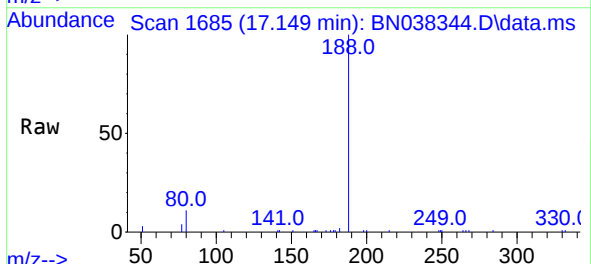
Instrument :
BNA_N
ClientSampleId :
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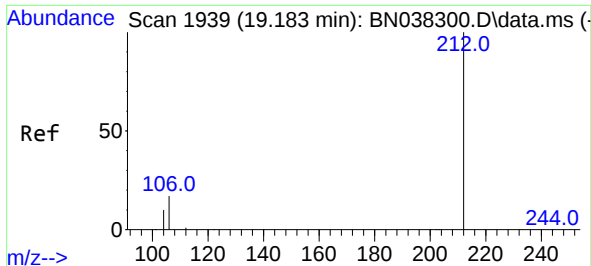
Tgt Ion:	172	Resp:	14887
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	42.8
170	24.4	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:	188	Resp:	12820
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	7.4	11.0

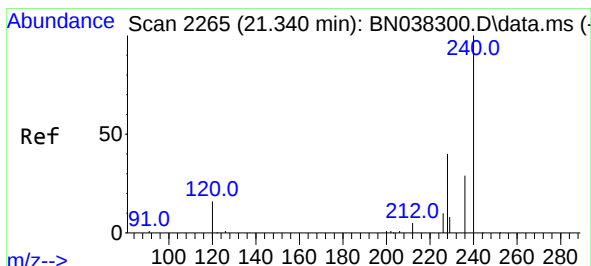
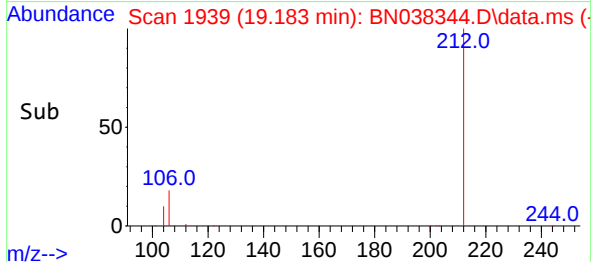
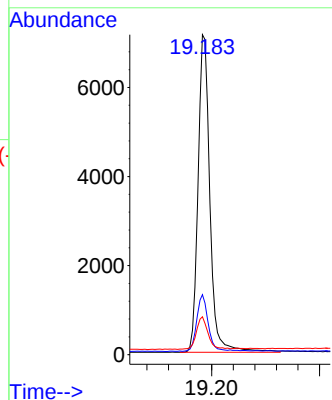
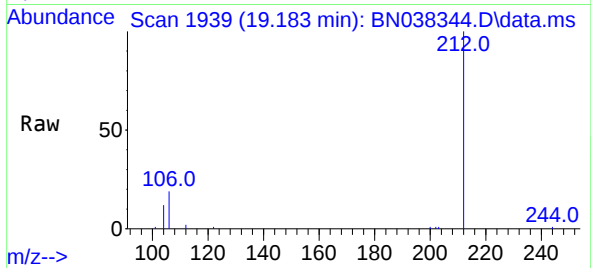




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

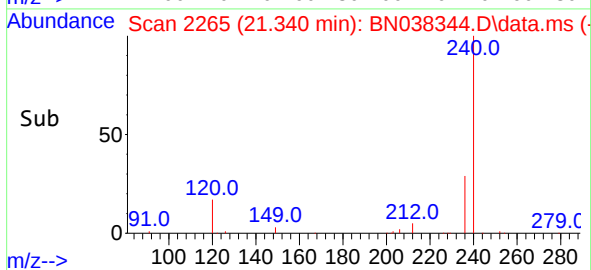
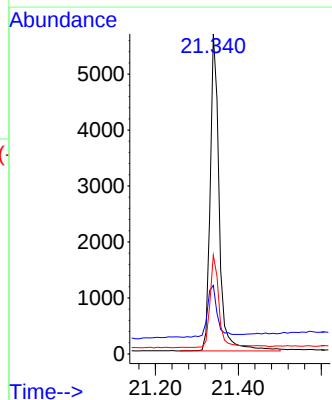
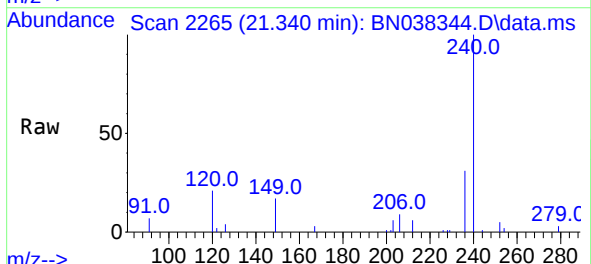
Instrument :
BNA_N
ClientSampleId :
PB170912BL

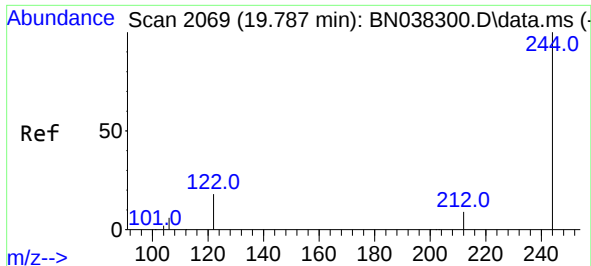
Tgt Ion:212 Resp: 10905
Ion Ratio Lower Upper
212 100
106 17.3 13.7 20.5
104 10.0 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:240 Resp: 8612
Ion Ratio Lower Upper
240 100
120 21.4 15.4 23.2
236 30.9 23.9 35.9

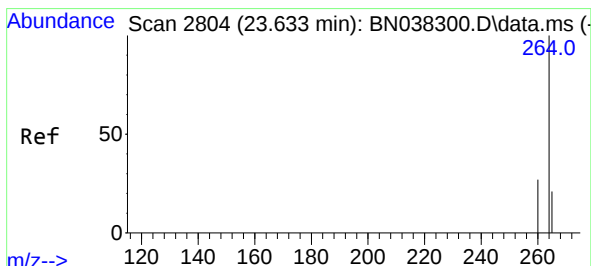
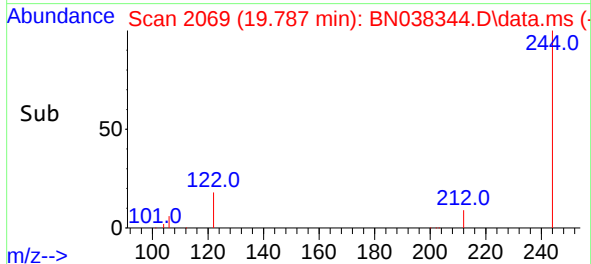
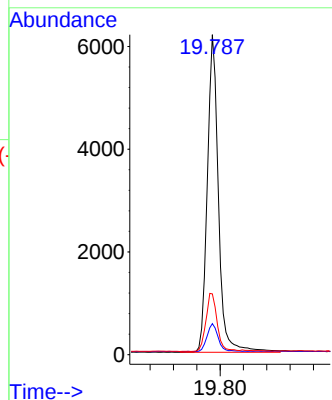
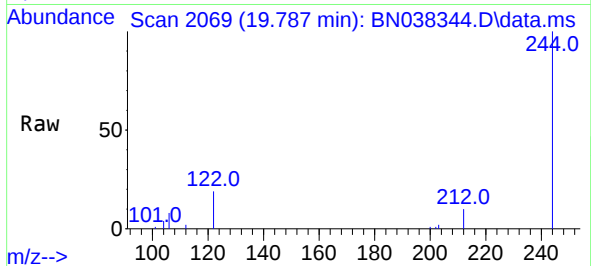




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN038344.D
 Acq: 12 Dec 2025 10:00

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:244 Resp: 8247
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.9 11.9
 122 19.0 15.0 22.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.630 min Scan# 2803
 Delta R.T. -0.003 min
 Lab File: BN038344.D
 Acq: 12 Dec 2025 10:00

Tgt Ion:264 Resp: 9324
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.2 33.2
 265 119.7 80.2 120.2

