

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038362.D
 Acq On : 12 Dec 2025 22:47
 Operator : RC/JU
 Sample : PB170917BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

Quant Time: Dec 13 02:11:12 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	6962	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	17810	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	9070	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16832	0.400	ng	0.00
29) Chrysene-d12	21.340	240	10588	0.400	ng	0.00
35) Perylene-d12	23.625	264	9418	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6117	0.353	ng	0.00
5) Phenol-d6	6.887	99	6984	0.339	ng	0.00
8) Nitrobenzene-d5	8.875	82	5703	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8670	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	838	0.208	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	15986	0.366	ng	0.00
27) Fluoranthene-d10	19.183	212	14502	0.348	ng	0.00
31) Terphenyl-d14	19.782	244	10903	0.461	ng	0.00

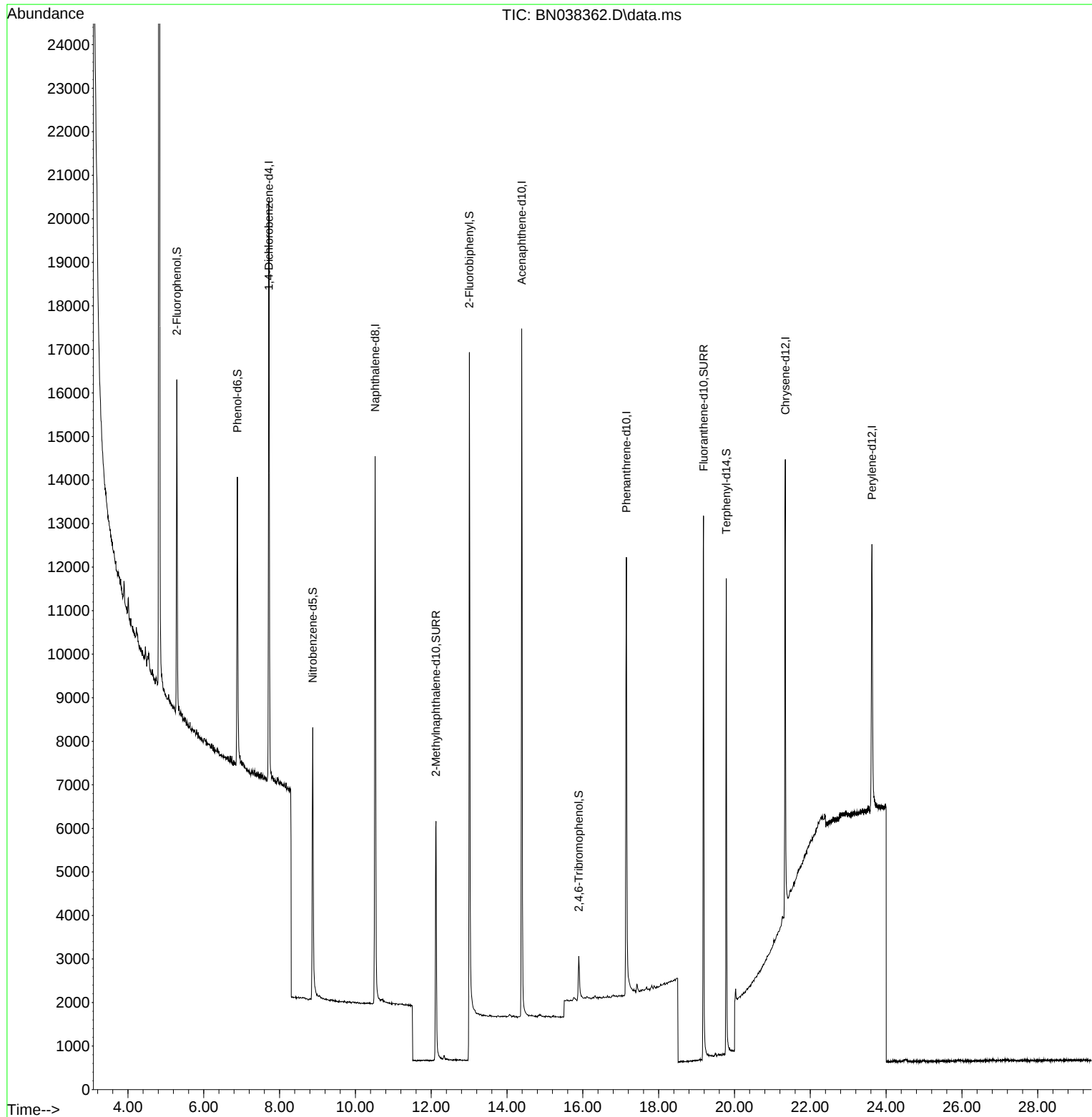
Target Compounds Qvalue

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

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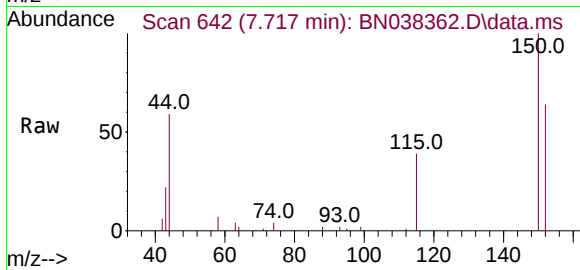
Quant Time: Dec 13 02:11:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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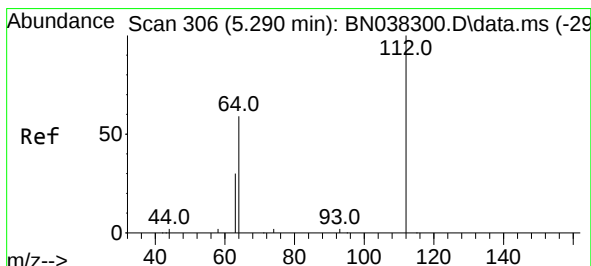
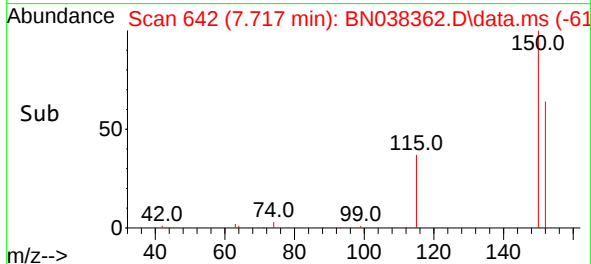
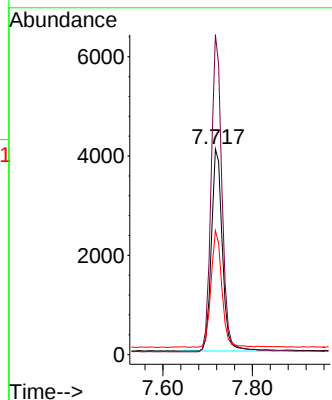


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN038362.D
 Acq: 12 Dec 2025 22:47

Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

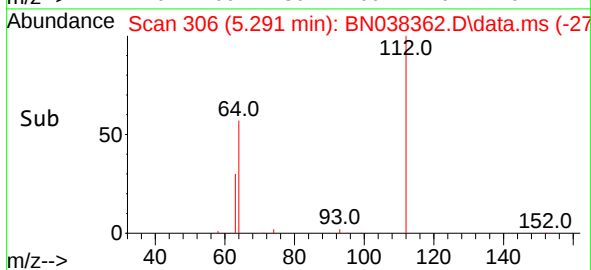
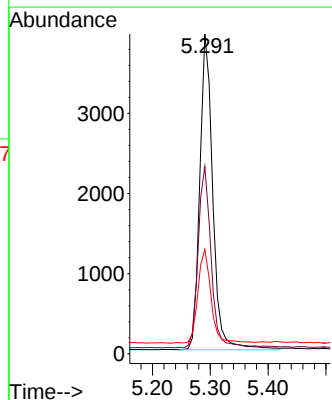
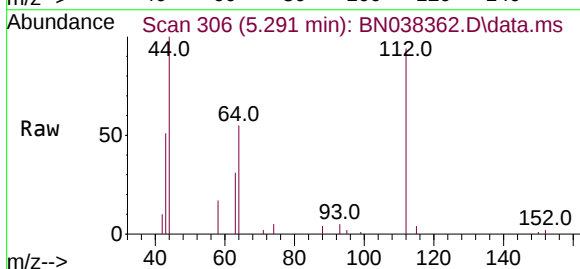


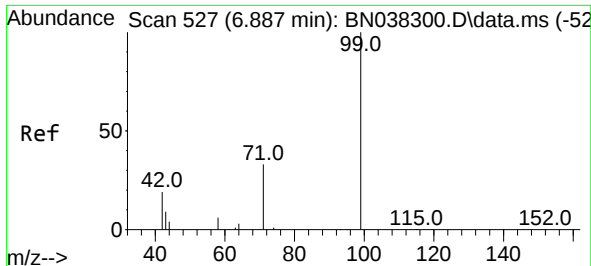
Tgt Ion:152 Resp: 6962
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.4 183.6
 115 60.3 47.3 70.9



#4
 2-Fluorophenol
 Concen: 0.353 ng
 RT: 5.291 min Scan# 306
 Delta R.T. 0.000 min
 Lab File: BN038362.D
 Acq: 12 Dec 2025 22:47

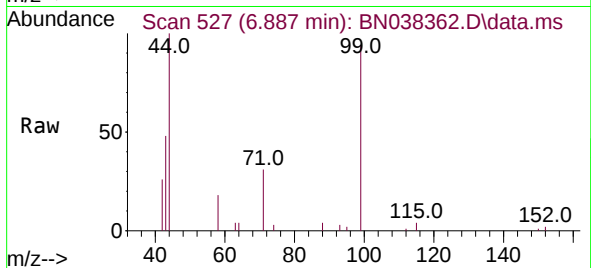
Tgt Ion:112 Resp: 6117
 Ion Ratio Lower Upper
 112 100
 64 58.1 44.4 66.6
 63 30.2 23.4 35.0



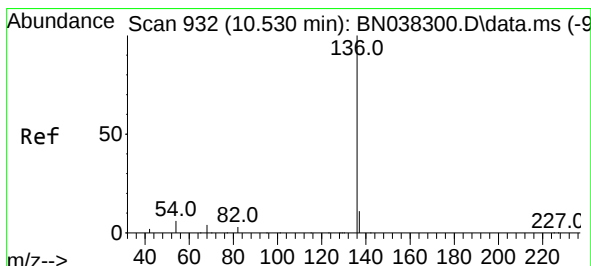
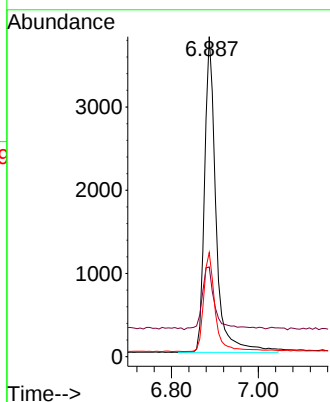
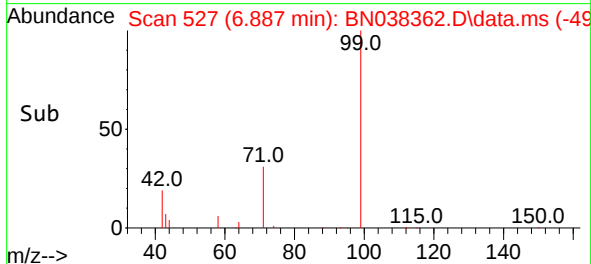


#5
Phenol-d6
Concen: 0.339 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

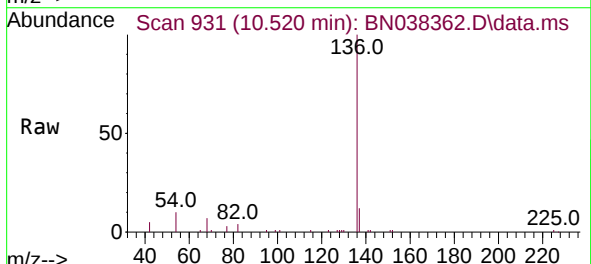
Instrument :
BNA_N
ClientSampleId :
PB170917BL



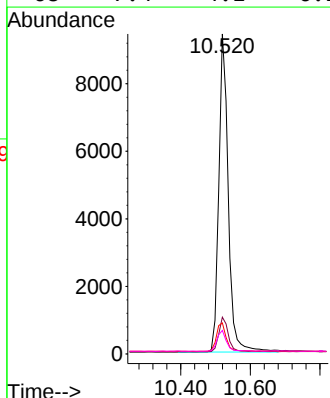
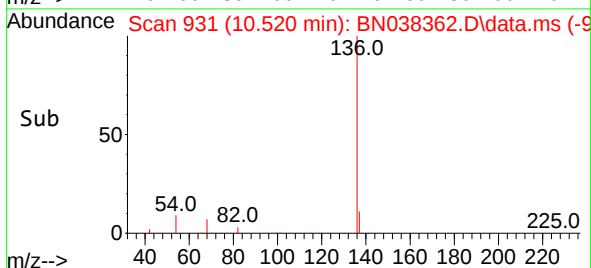
Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.5	24.7
71	31.9	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.010 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	5.2	7.8#
68	7.4	4.1	6.1#

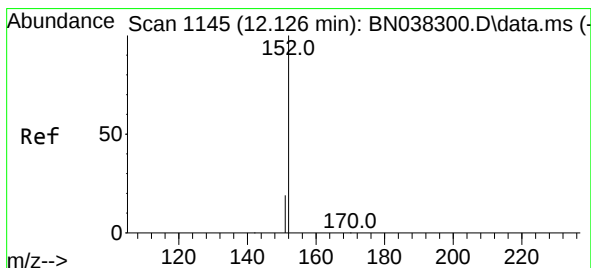
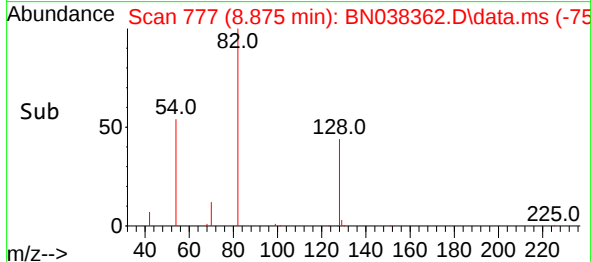
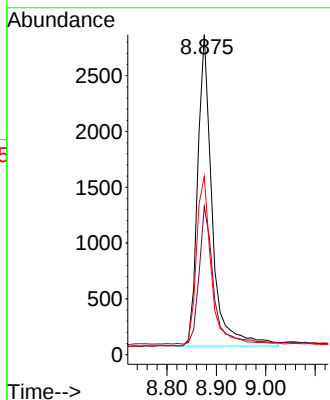
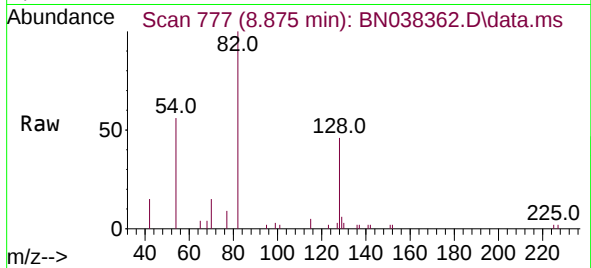




#8
 Nitrobenzene-d5
 Concen: 0.380 ng
 RT: 8.875 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: BN038362.D
 Acq: 12 Dec 2025 22:47

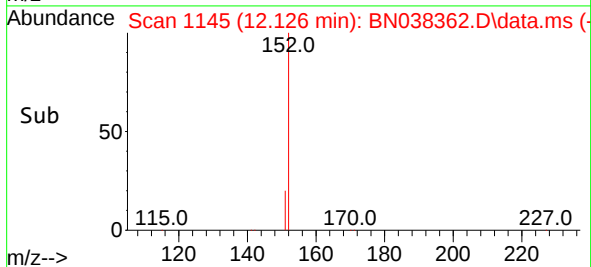
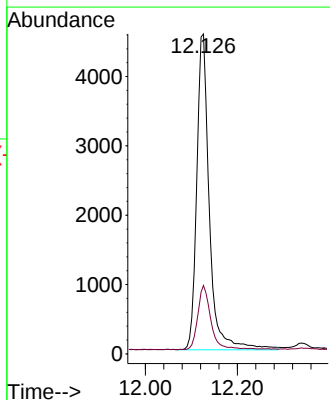
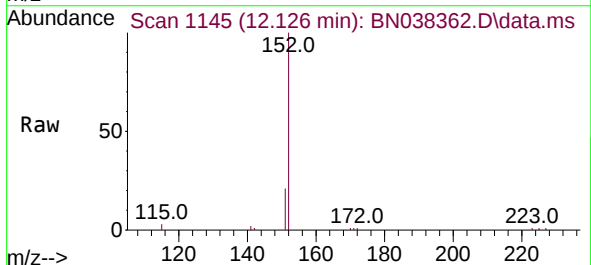
Instrument :
 BNA_N
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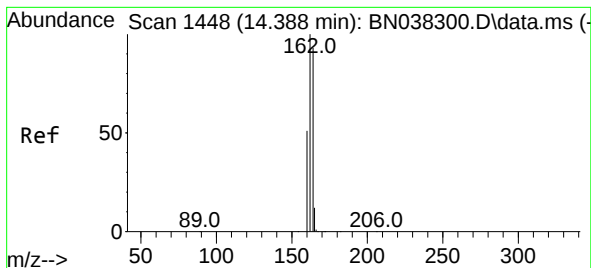
Tgt Ion:	82	Resp:	5703
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	55.7	44.4	66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.345 ng
 RT: 12.126 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BN038362.D
 Acq: 12 Dec 2025 22:47

Tgt Ion:	152	Resp:	8670
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: BN038362.D

Acq: 12 Dec 2025 22:47

Instrument :

BNA_N

ClientSampleId :

PB170917BL

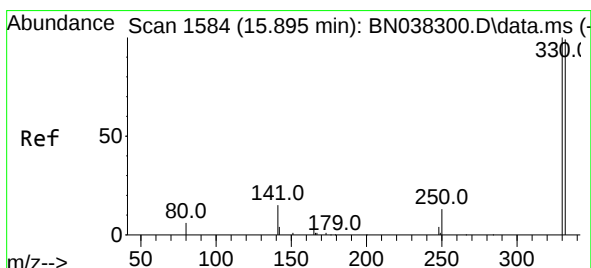
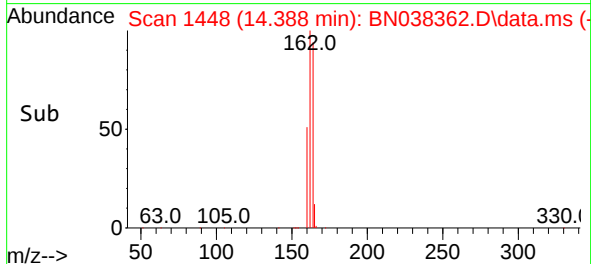
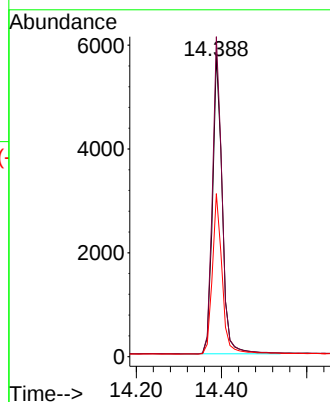
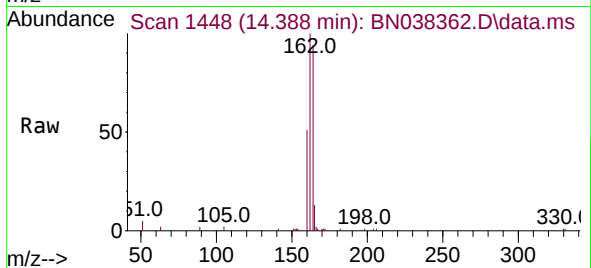
Tgt Ion:164 Resp: 9070

Ion Ratio Lower Upper

164 100

162 106.1 86.2 129.4

160 54.1 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.208 ng

RT: 15.895 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BN038362.D

Acq: 12 Dec 2025 22:47

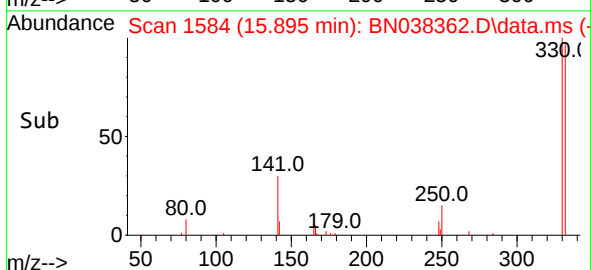
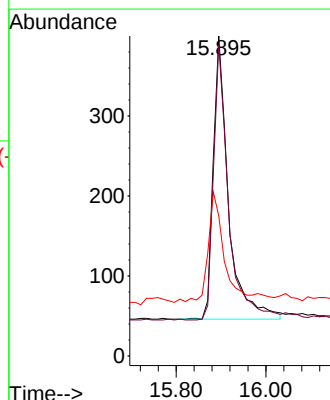
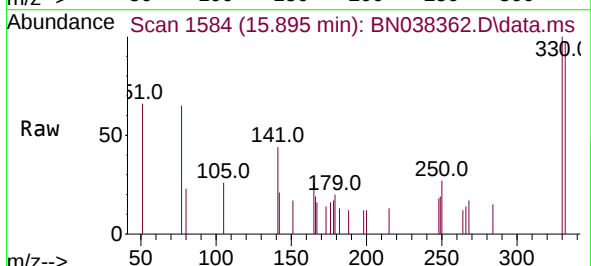
Tgt Ion:330 Resp: 838

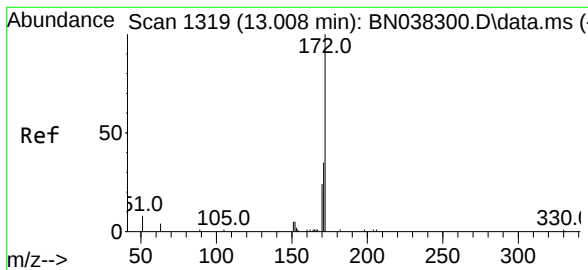
Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

141 40.6 31.8 47.8

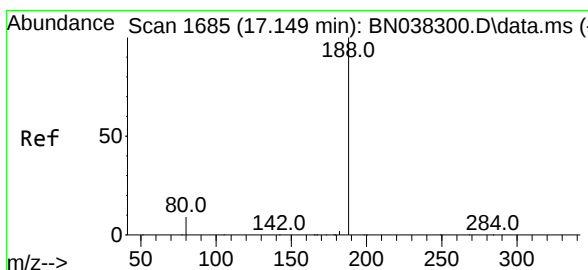
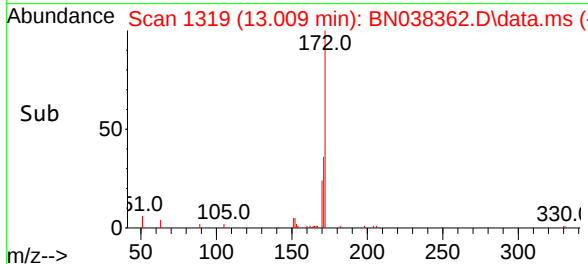
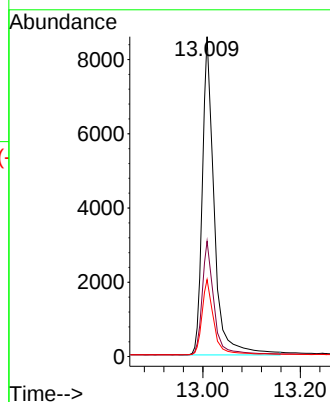
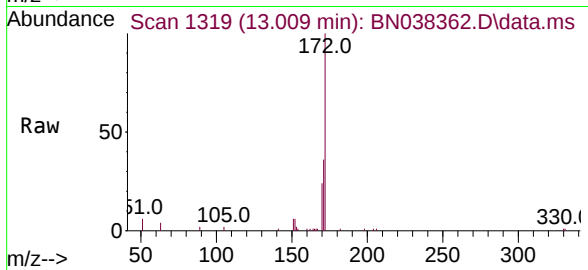




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

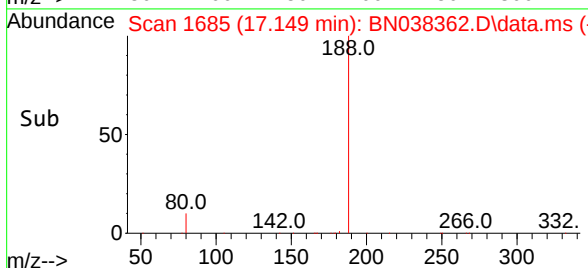
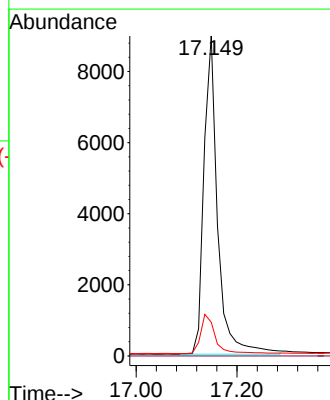
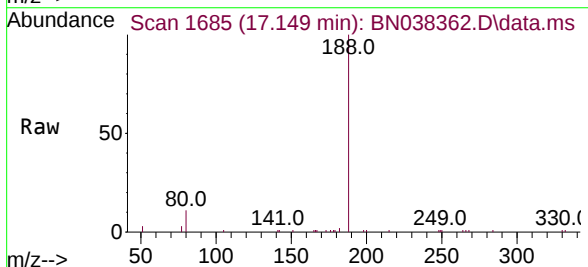
Instrument :
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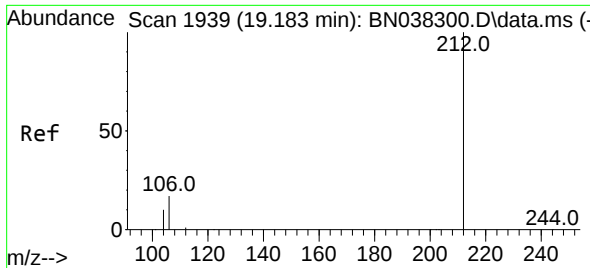
Tgt Ion:	172	Resp:	15986
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	42.8
170	24.1	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

Tgt Ion:	188	Resp:	16832
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	7.4	11.0

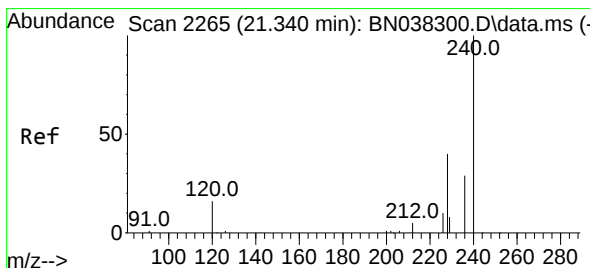
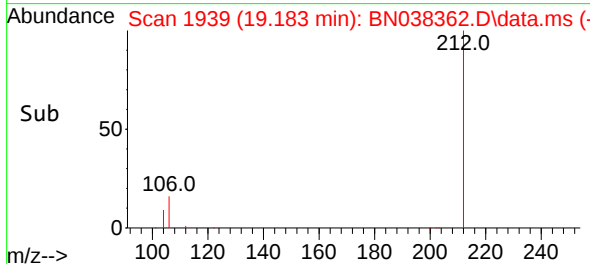
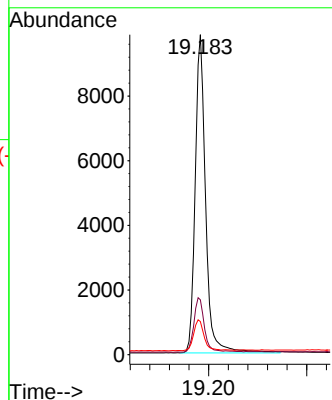
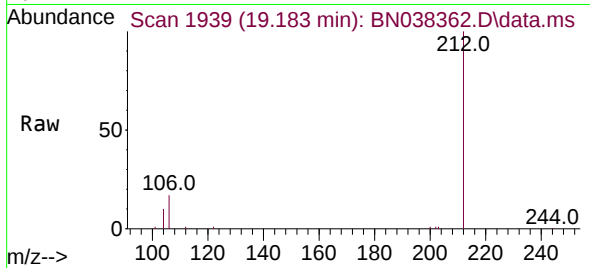




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

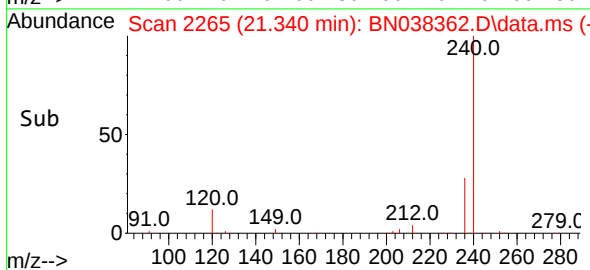
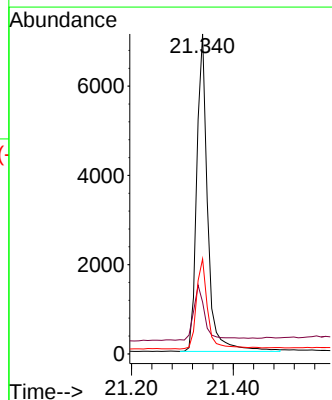
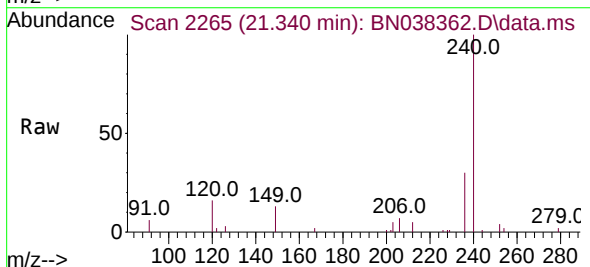
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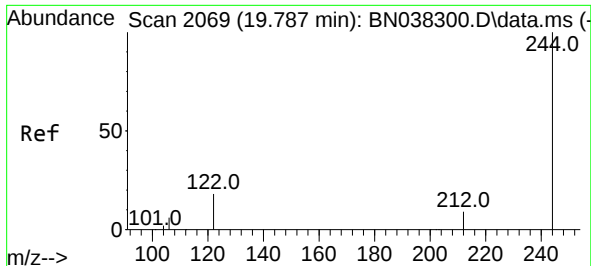
Tgt Ion:212 Resp: 14502
Ion Ratio Lower Upper
212 100
106 16.9 13.7 20.5
104 9.7 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

Tgt Ion:240 Resp: 10588
Ion Ratio Lower Upper
240 100
120 16.2 15.4 23.2
236 29.7 23.9 35.9

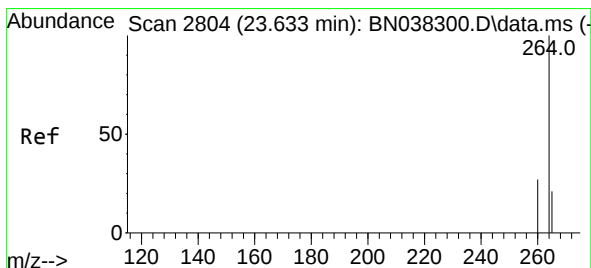
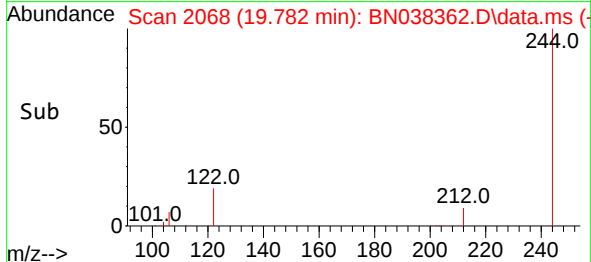
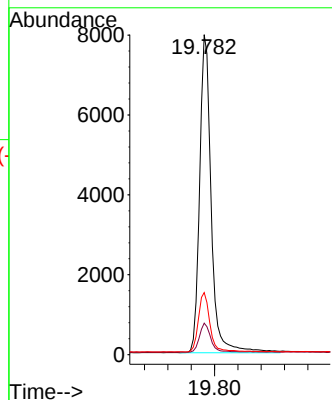
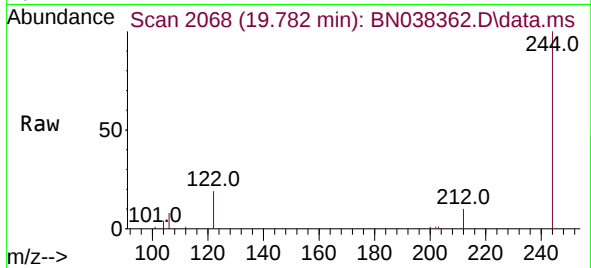




#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.782 min Scan# 2069
Delta R.T. -0.009 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

Instrument :
BNA_N
ClientSampleId :
PB170917BL

Tgt Ion:244 Resp: 10903
Ion Ratio Lower Upper
244 100
212 9.8 7.9 11.9
122 19.4 15.0 22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.625 min Scan# 2801
Delta R.T. -0.009 min
Lab File: BN038362.D
Acq: 12 Dec 2025 22:47

Tgt Ion:264 Resp: 9418
Ion Ratio Lower Upper
264 100
260 27.5 22.2 33.2
265 116.4 80.2 120.2

