

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038131.D
 Acq On : 04 Nov 2025 11:43
 Operator : RC/JU
 Sample : PB170381BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170381BL

Quant Time: Nov 04 12:07:36 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	7.789	152	8221	0.400	ng	0.01
7) Naphthalene-d8	10.594	136	22221	0.400	ng	0.02
13) Acenaphthene-d10	14.441	164	11601	0.400	ng	0.01
19) Phenanthrene-d10	17.198	188	21781	0.400	ng	0.01
29) Chrysene-d12	21.384	240	15202	0.400	ng	0.00
35) Perylene-d12	23.695	264	13241	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	6175	0.319	ng	0.01
5) Phenol-d6	6.952	99	7077	0.300	ng	0.01
8) Nitrobenzene-d5	8.939	82	6330	0.353	ng	0.01
11) 2-Methylnaphthalene-d10	12.187	152	10488	0.331	ng	0.01
14) 2,4,6-Tribromophenol	15.945	330	557	0.117	ng	0.01
15) 2-Fluorobiphenyl	13.073	172	18033	0.388	ng	0.02
27) Fluoranthene-d10	19.229	212	19315	0.352	ng	0.00
31) Terphenyl-d14	19.829	244	15022	0.455	ng	0.00

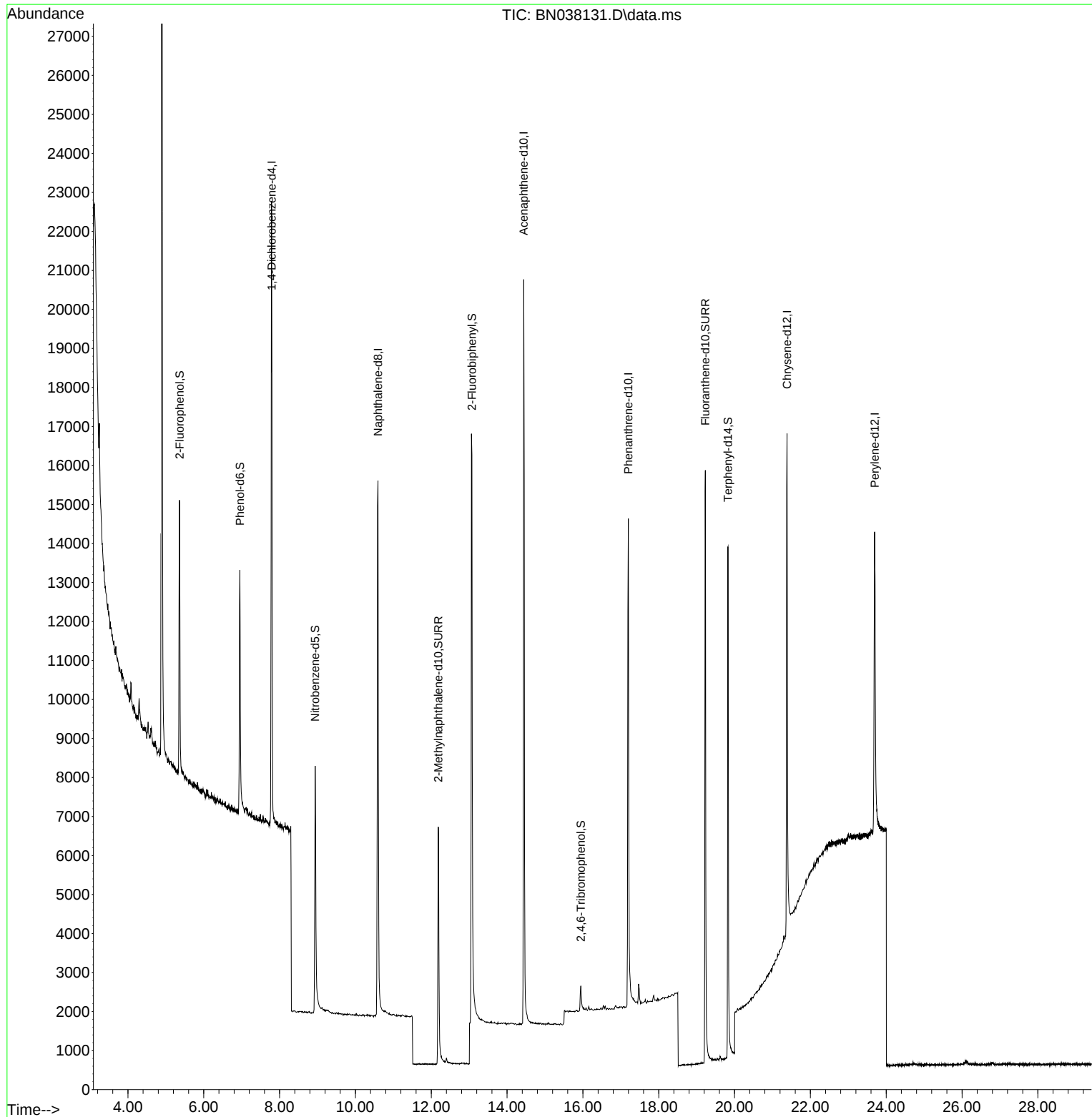
Target Compounds Qvalue

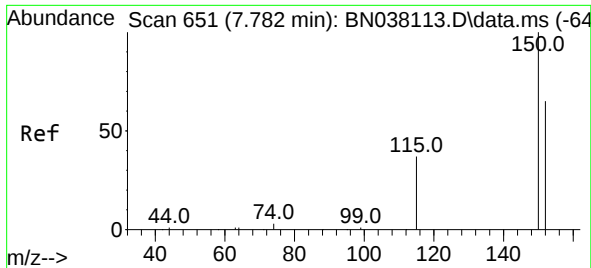
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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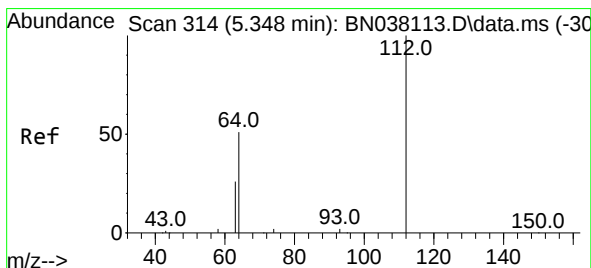
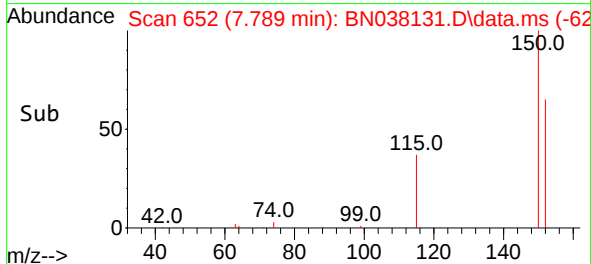
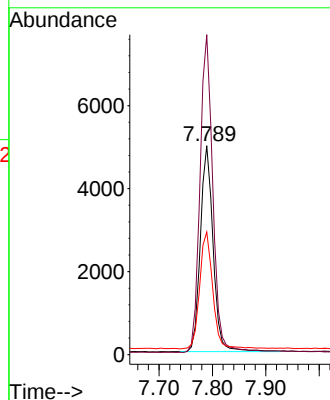
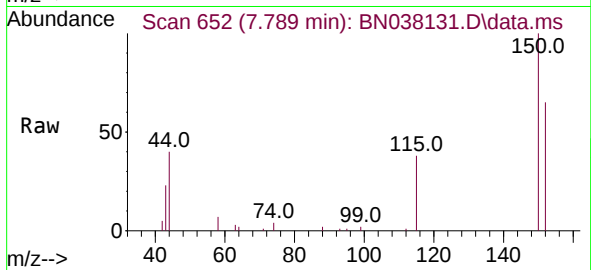




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

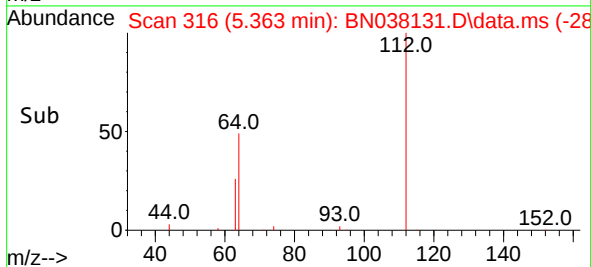
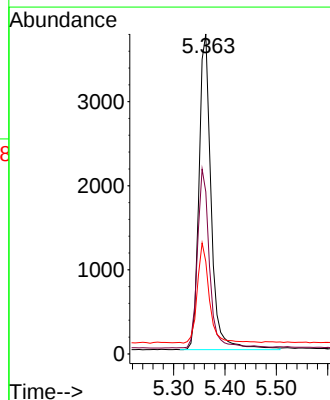
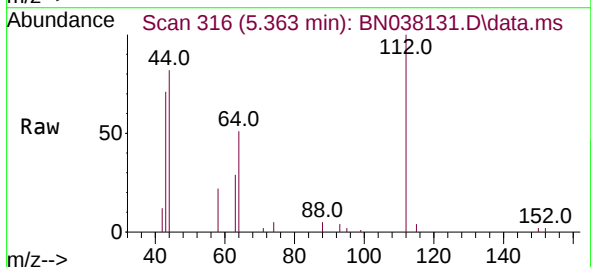
Instrument :
BNA_N
ClientSampleId :
PB170381BL

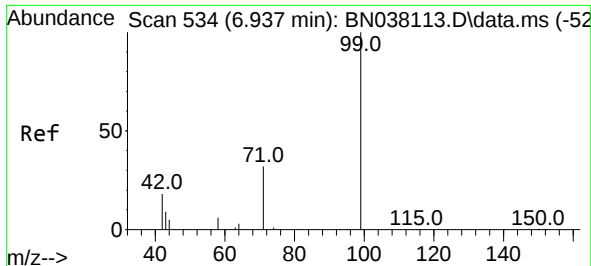
Tgt Ion:152 Resp: 8221
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 58.7 47.4 71.0



#4
2-Fluorophenol
Concen: 0.319 ng
RT: 5.363 min Scan# 316
Delta R.T. 0.014 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Tgt Ion:112 Resp: 6175
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.0
63 30.3 23.2 34.8

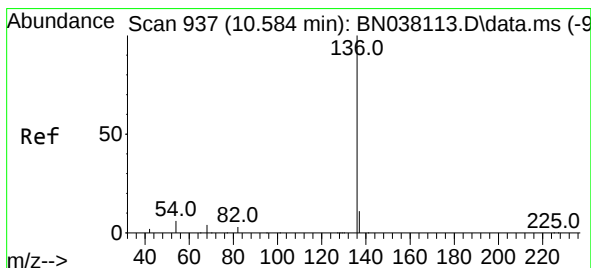
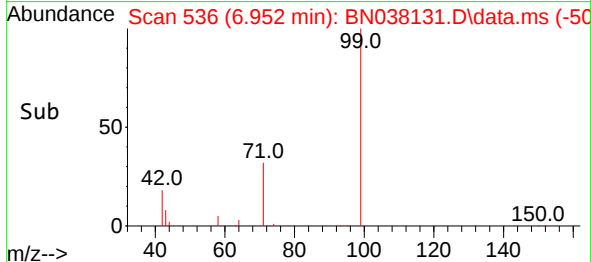
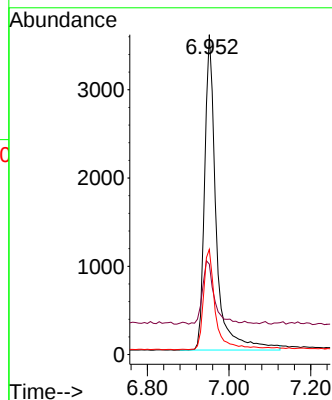
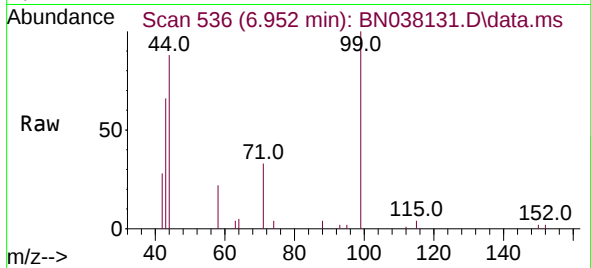




#5
Phenol-d6
Concen: 0.300 ng
RT: 6.952 min Scan# 534
Delta R.T. 0.014 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

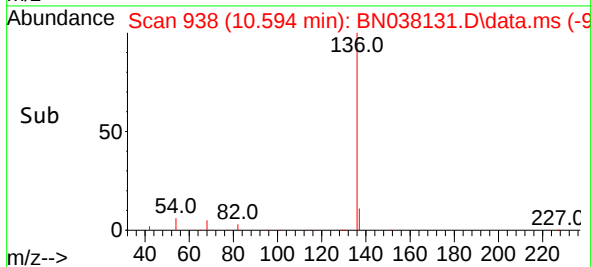
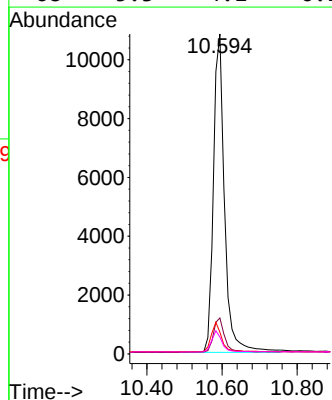
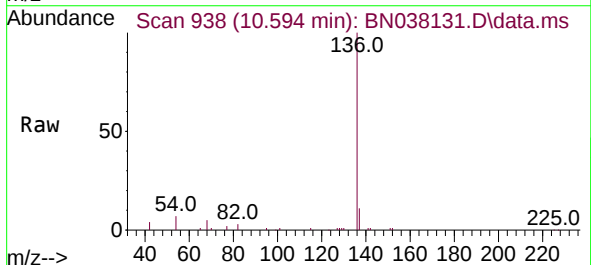
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ClientSampleId :
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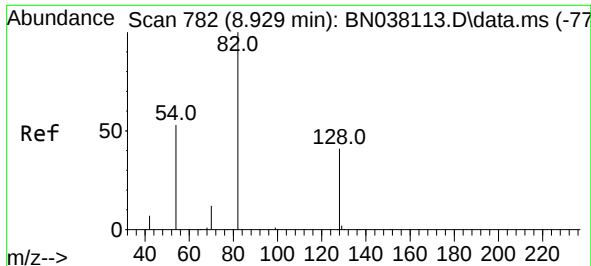
Tgt Ion:	99	Resp:	7077
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	31.7	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. 0.021 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Tgt Ion:	136	Resp:	22221
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.2	7.8
68	5.3	4.1	6.1

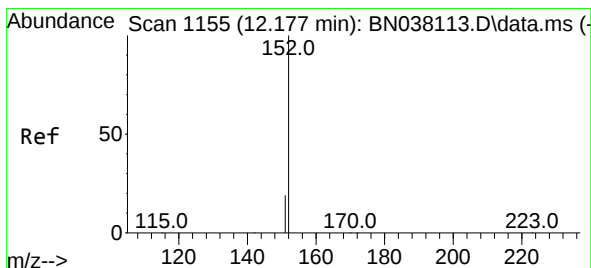
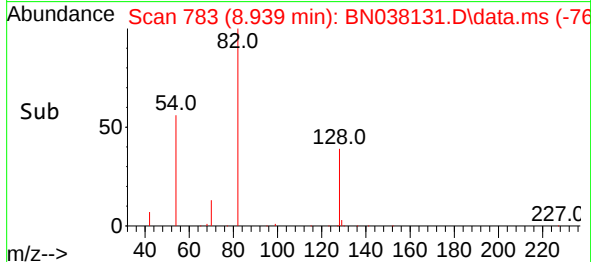
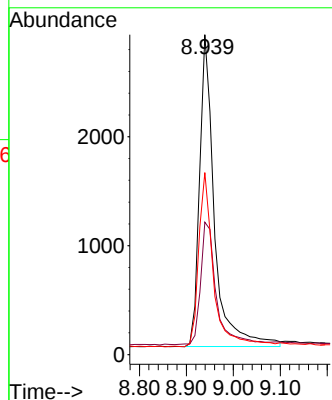
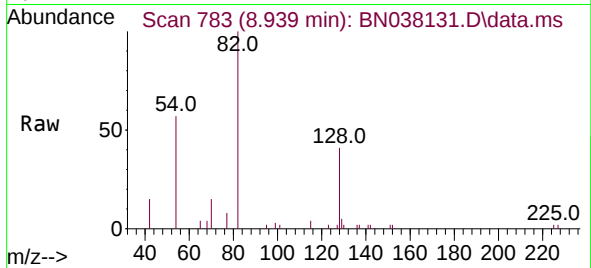




#8
 Nitrobenzene-d5
 Concen: 0.353 ng
 RT: 8.939 min Scan# 782
 Delta R.T. 0.011 min
 Lab File: BN038131.D
 Acq: 04 Nov 2025 11:43

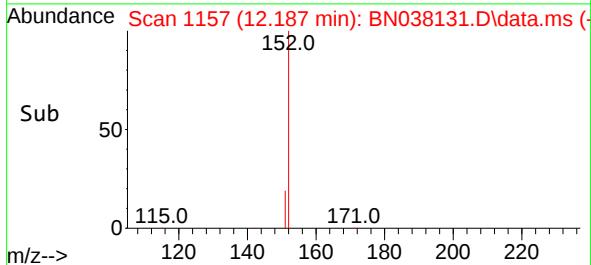
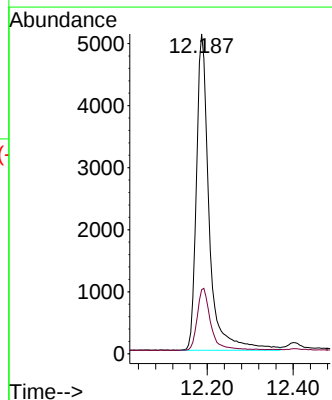
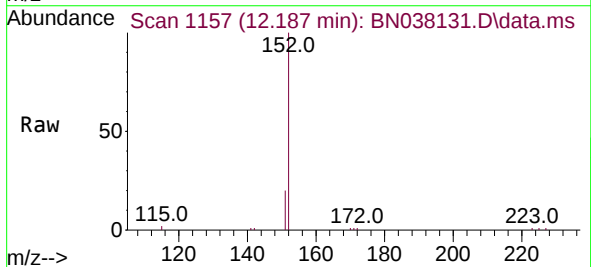
Instrument :
 BNA_N
 ClientSampleId :
 PB170381BL

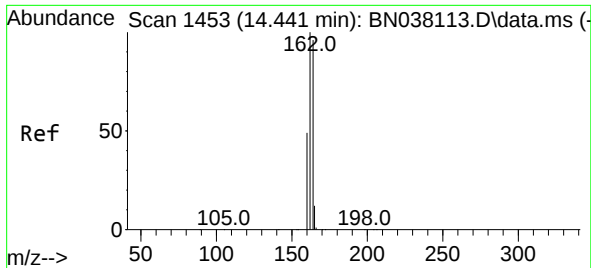
Tgt Ion: 82 Resp: 6330
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.1 51.1
 54 56.9 43.5 65.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.331 ng
 RT: 12.187 min Scan# 1157
 Delta R.T. 0.010 min
 Lab File: BN038131.D
 Acq: 04 Nov 2025 11:43

Tgt Ion: 152 Resp: 10488
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2

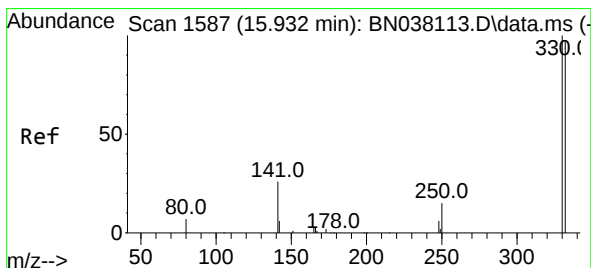
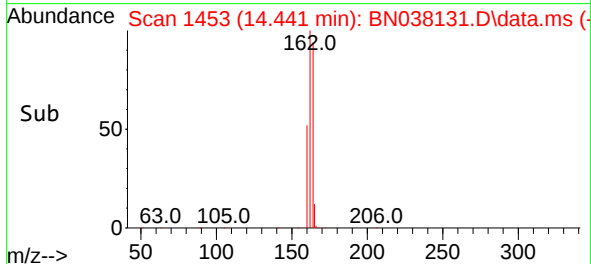
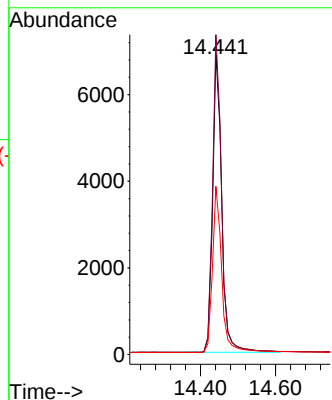
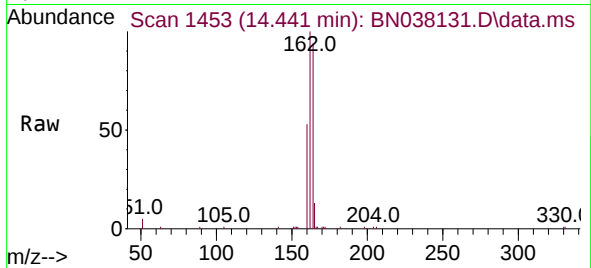




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

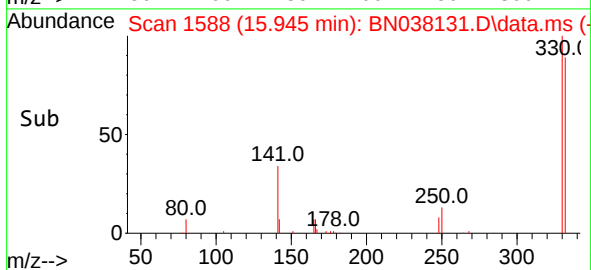
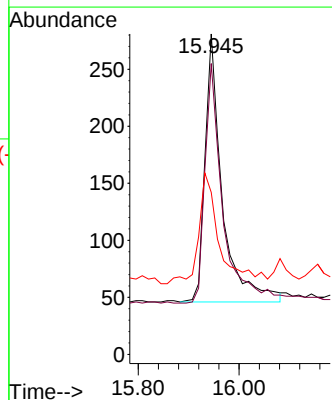
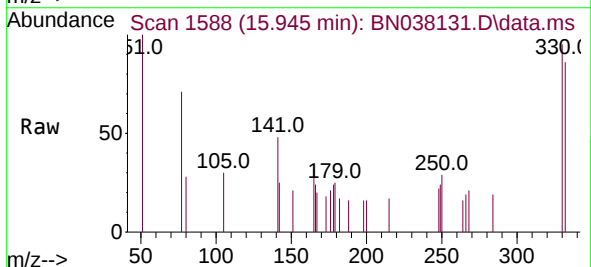
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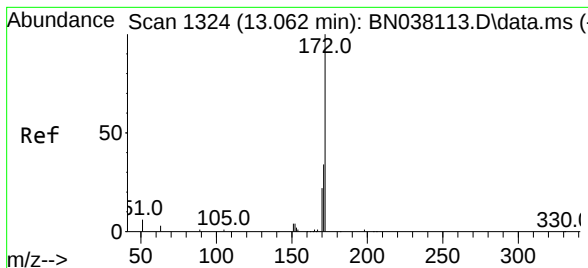
Tgt Ion:164 Resp: 11601
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.4
160 55.8 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Tgt Ion:330 Resp: 557
Ion Ratio Lower Upper
330 100
332 93.7 76.6 114.8
141 49.6 34.1 51.1

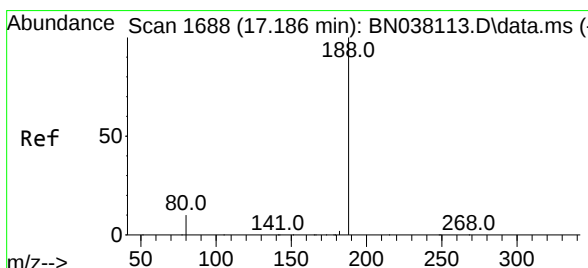
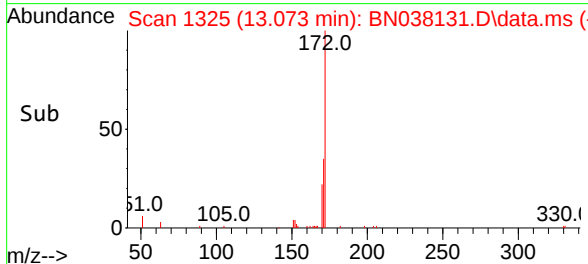
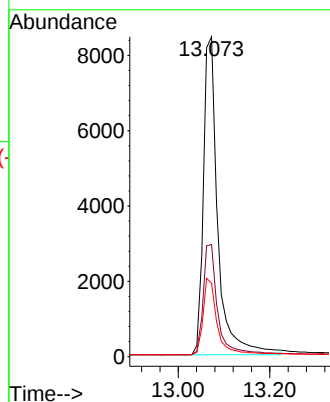
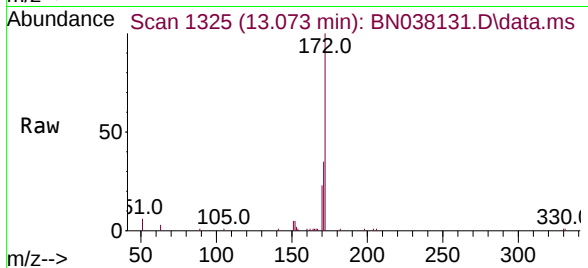




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.073 min Scan# 1324
Delta R.T. 0.021 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

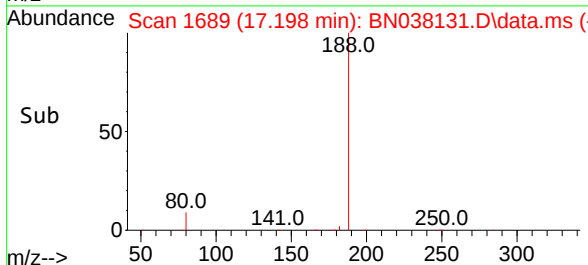
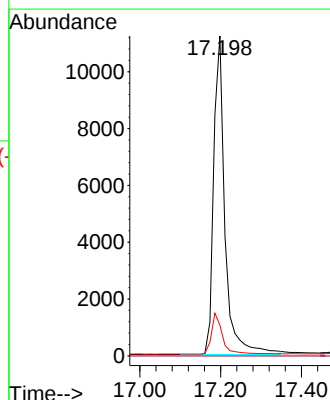
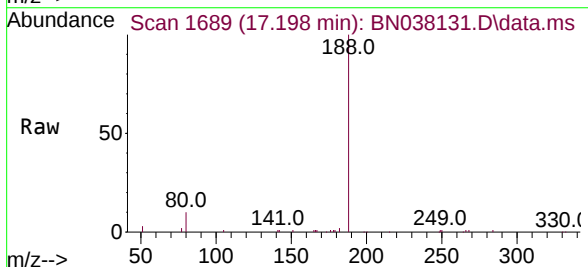
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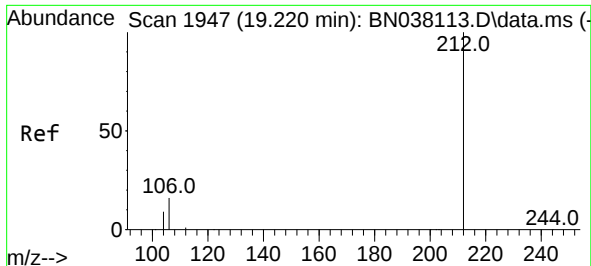
Tgt Ion:	172	Resp:	18033
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.8	41.6
170	22.9	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. 0.012 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Tgt Ion:	188	Resp:	21781
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	8.6	13.0

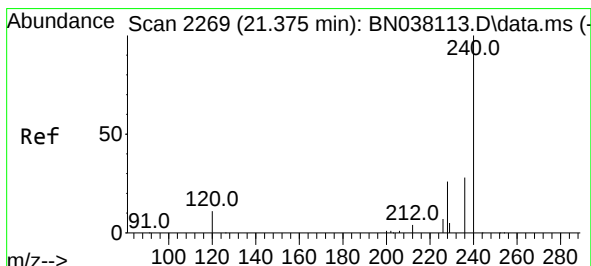
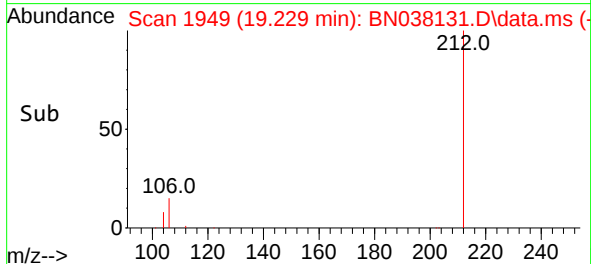
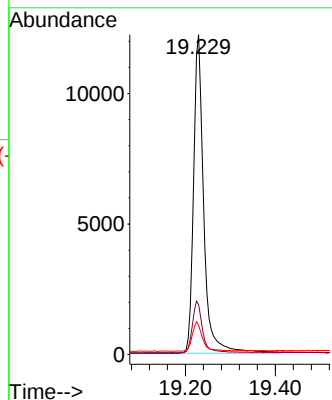
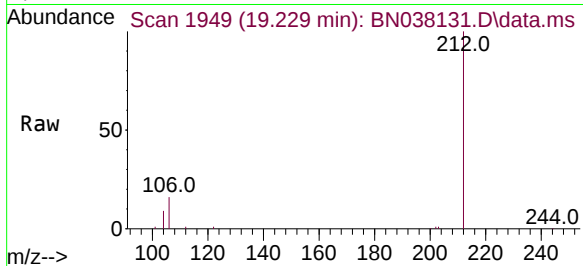




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.229 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

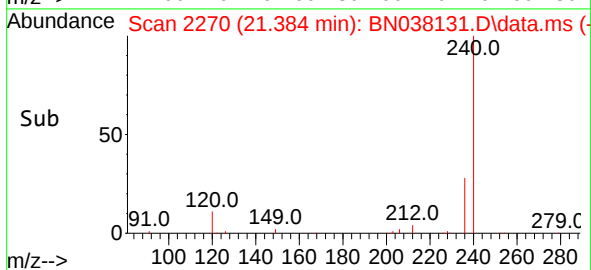
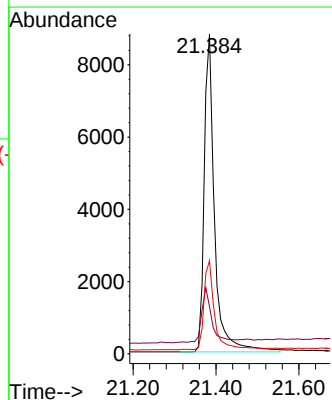
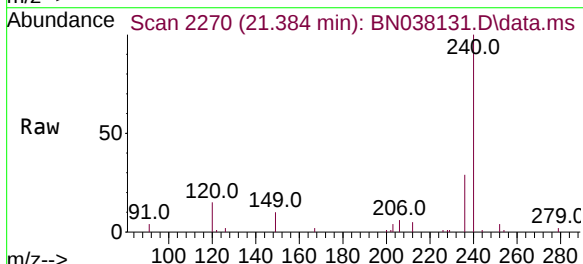
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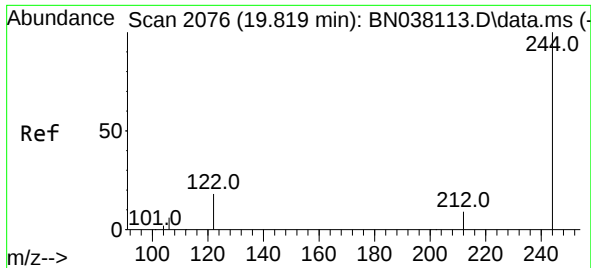
Tgt Ion:212 Resp: 19315
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.3 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. 0.009 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Tgt Ion:240 Resp: 15202
Ion Ratio Lower Upper
240 100
120 14.8 10.7 16.1
236 29.1 23.1 34.7

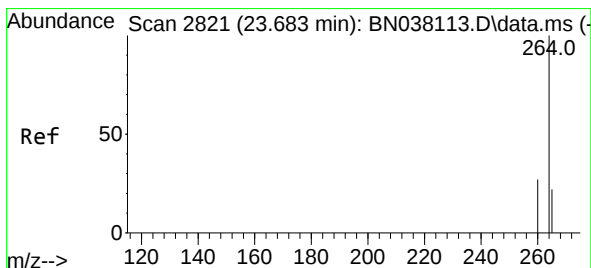
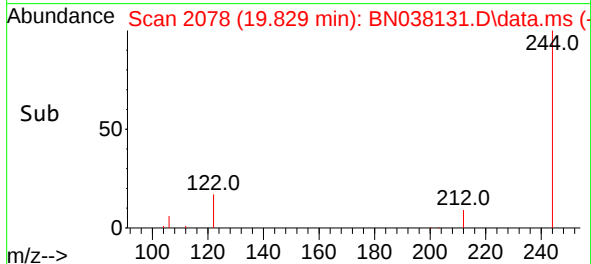
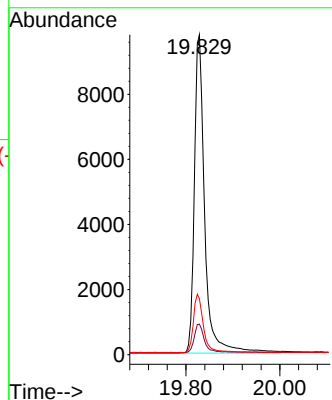
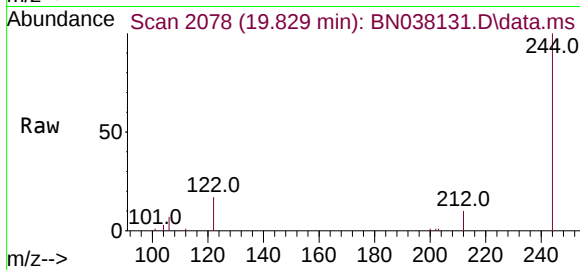




#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.829 min Scan# 2076
Delta R.T. 0.009 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Instrument :
BNA_N
ClientSampleId :
PB170381BL

Tgt Ion:244 Resp: 15022
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 17.5 15.2 22.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.695 min Scan# 2825
Delta R.T. 0.015 min
Lab File: BN038131.D
Acq: 04 Nov 2025 11:43

Tgt Ion:264 Resp: 13241
Ion Ratio Lower Upper
264 100
260 27.8 21.8 32.8
265 100.3 68.6 102.8

