

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038138.D
 Acq On : 04 Nov 2025 15:57
 Operator : RC/JU
 Sample : Q3526-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 04 16:25:24 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

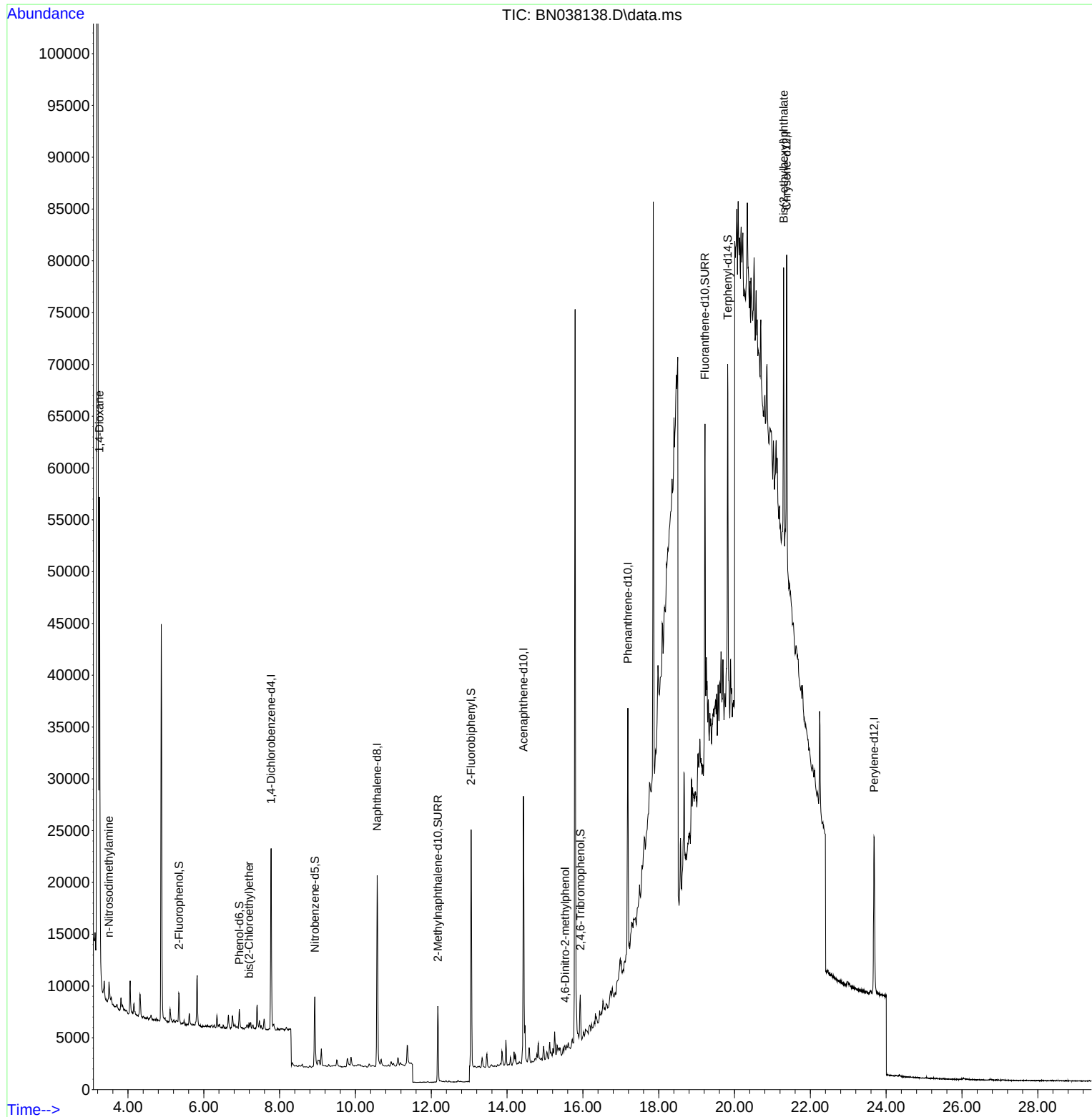
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

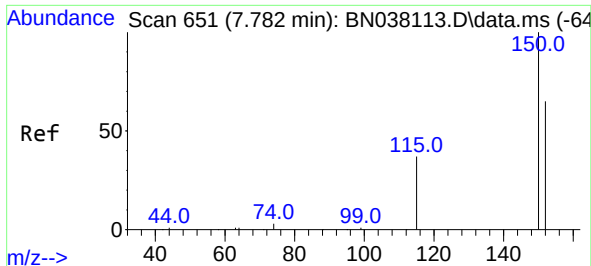
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8530	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25854	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14999	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	31102	0.400	ng	0.00
29) Chrysene-d12	21.375	240	25933	0.400	ng	# 0.00
35) Perylene-d12	23.680	264	21372	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2490	0.124	ng	0.00
5) Phenol-d6	6.937	99	1781	0.073	ng	0.00
8) Nitrobenzene-d5	8.929	82	5875	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10503	0.284	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2316	0.375	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18588	0.309	ng	0.00
27) Fluoranthene-d10	19.220	212	33654	0.429	ng	0.00
31) Terphenyl-d14	19.819	244	28902	0.513	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	25922	2.941	ng	97
3) n-Nitrosodimethylamine	3.499	42	451	0.040	ng	# 1
6) bis(2-Chloroethyl)ether	7.197	93	524	0.022	ng	98
20) 4,6-Dinitro-2-methylph...	15.535	198	12	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	22629	0.464	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
Data File : BN038138.D
Acq On : 04 Nov 2025 15:57
Operator : RC/JU
Sample : Q3526-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

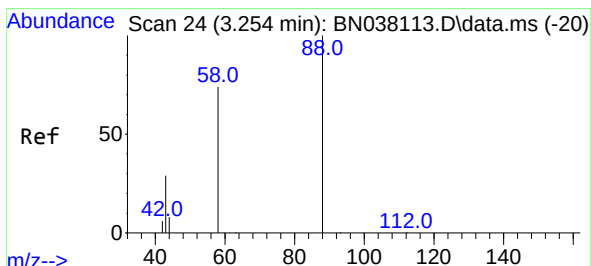
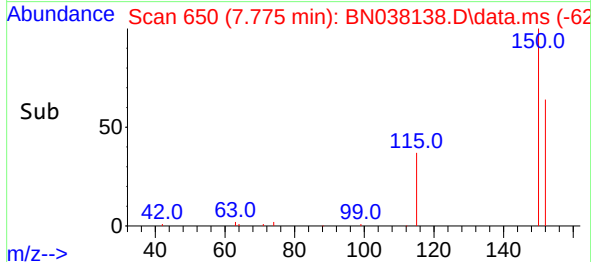
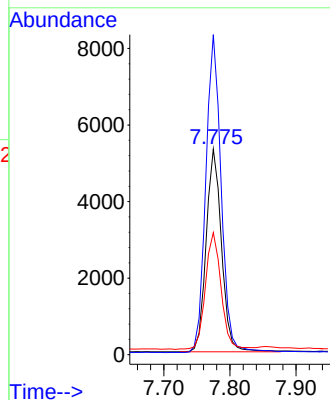
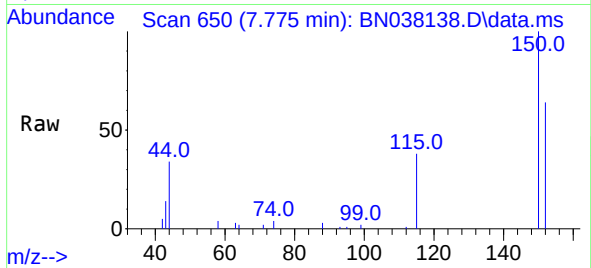
Quant Time: Nov 04 16:25:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration





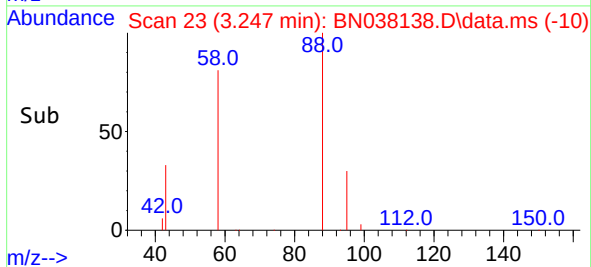
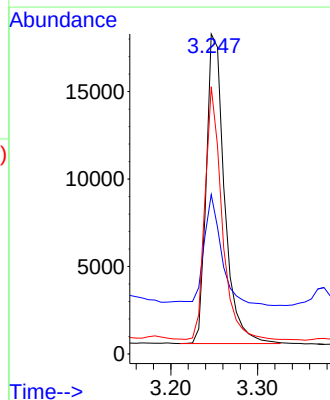
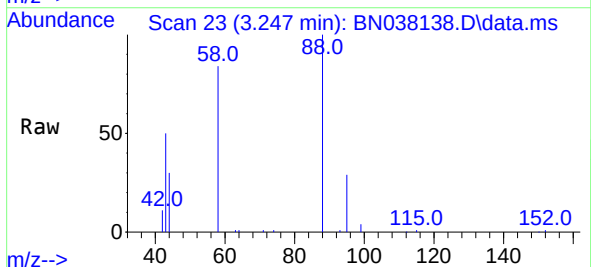
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 650
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

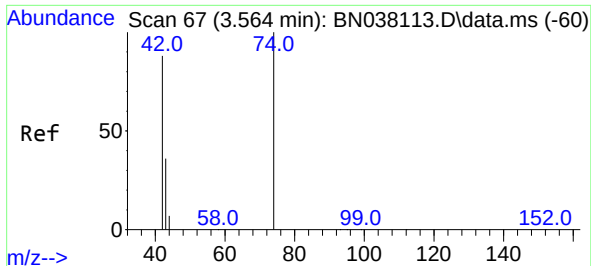
Tgt Ion: 152 Resp: 8530
Ion Ratio Lower Upper
152 100
150 155.7 122.3 183.5
115 59.4 47.4 71.0



#2
1,4-Dioxane
Concen: 2.941 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

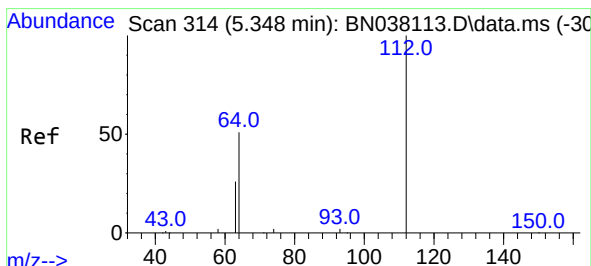
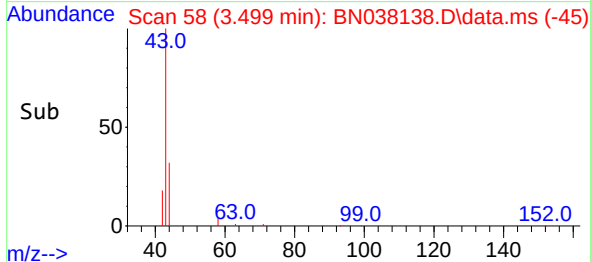
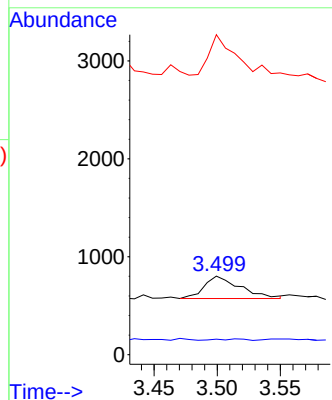
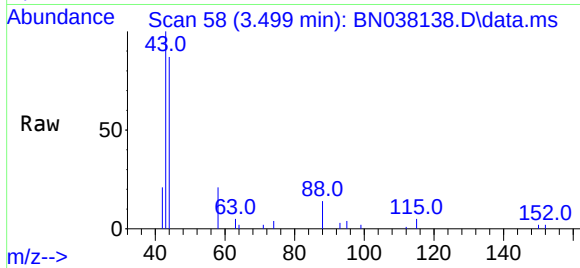
Tgt Ion: 88 Resp: 25922
Ion Ratio Lower Upper
88 100
43 35.4 24.3 36.5
58 75.5 60.4 90.6





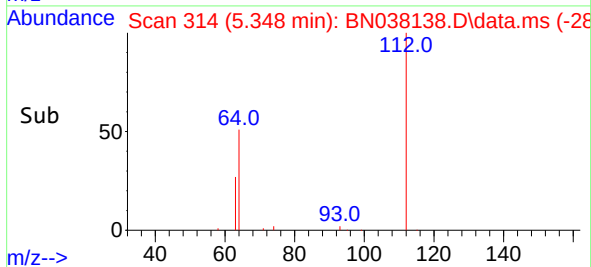
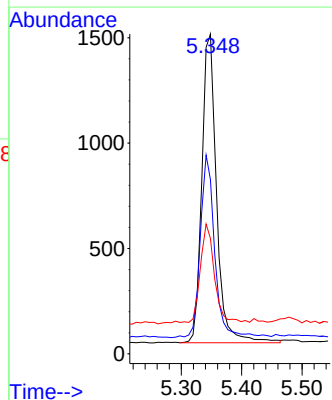
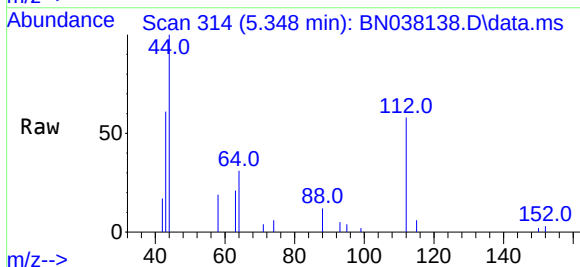
#3
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.499 min Scan# 58
Delta R.T. -0.058 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

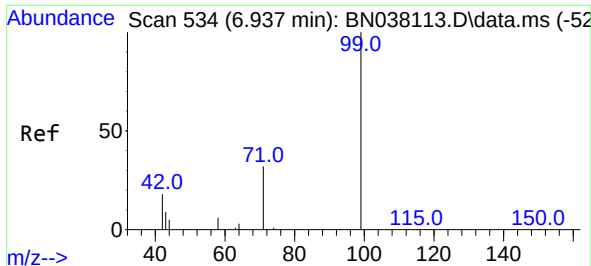
Tgt Ion: 42 Resp: 451
Ion Ratio Lower Upper
42 100
74 5.3 96.8 145.2#
44 222.4 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

Tgt Ion: 112 Resp: 2490
Ion Ratio Lower Upper
112 100
64 58.2 45.4 68.0
63 31.3 23.2 34.8

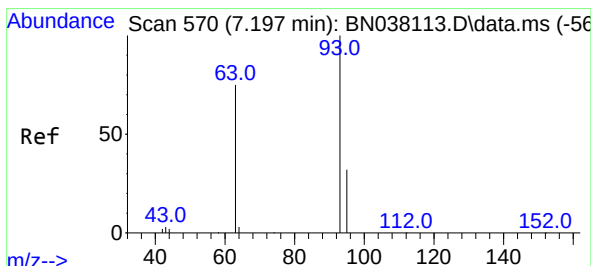
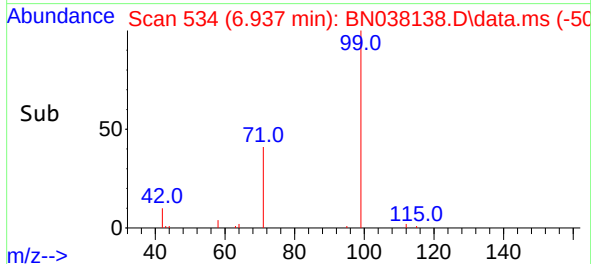
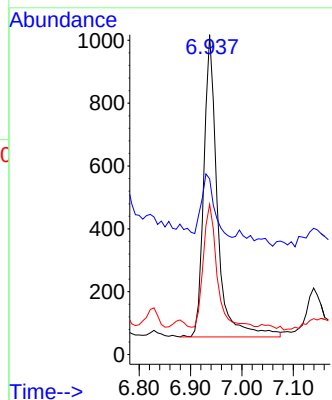
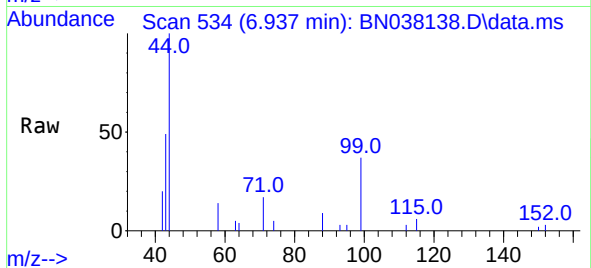




#5
Phenol-d6
Concen: 0.073 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

Tgt Ion: 99 Resp: 1781

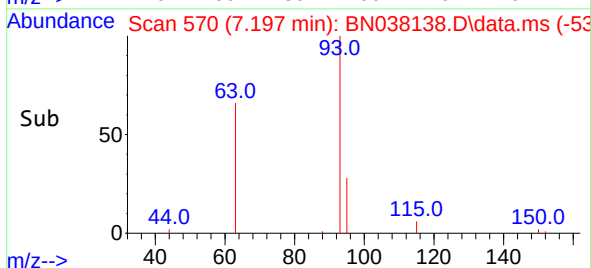
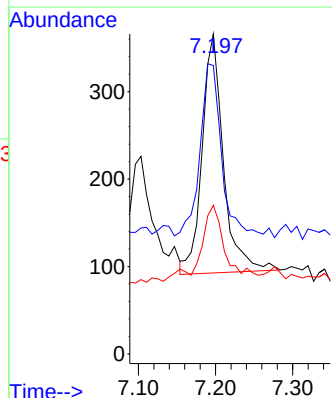
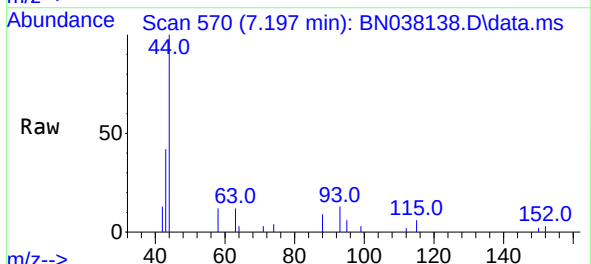
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	40.9	25.4	38.2

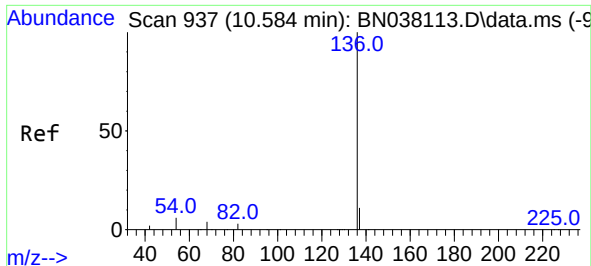


#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.197 min Scan# 570
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

Tgt Ion: 93 Resp: 524

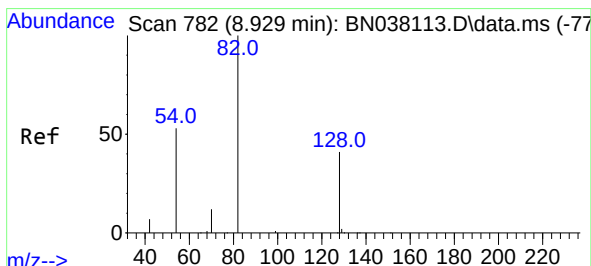
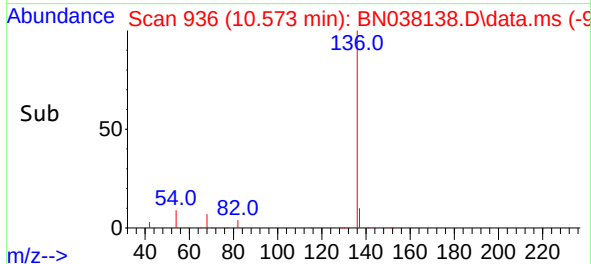
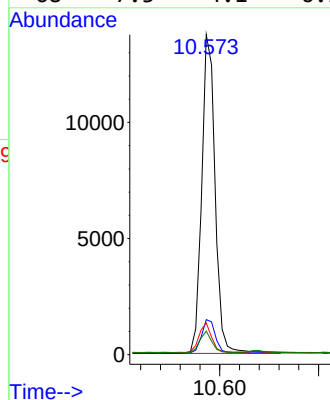
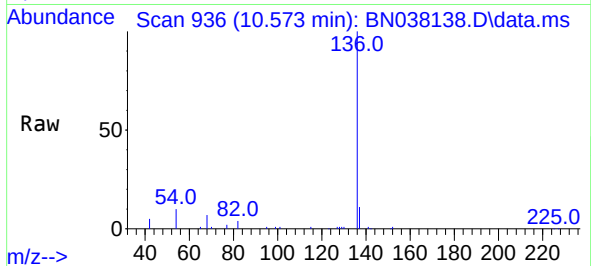
Ion	Ratio	Lower	Upper
93	100		
63	71.9	59.3	88.9
95	30.7	25.2	37.8





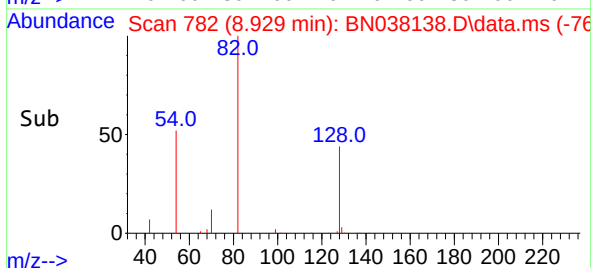
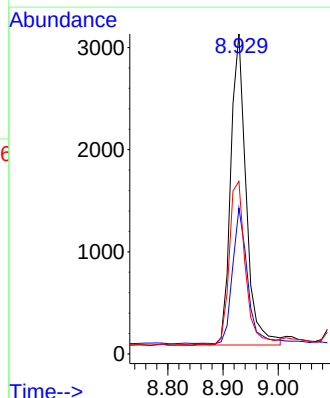
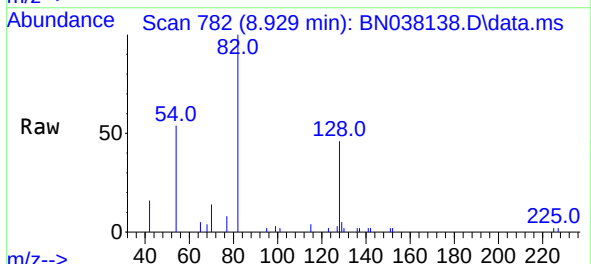
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

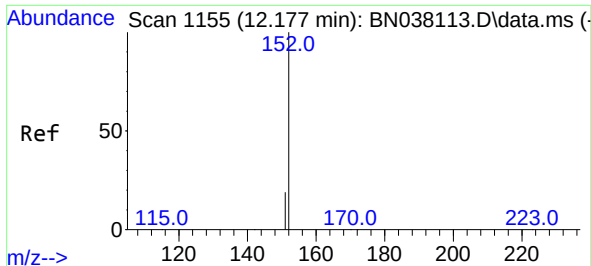
Tgt Ion:136	Resp:	25854
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	9.9	5.2 7.8#
68	7.3	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

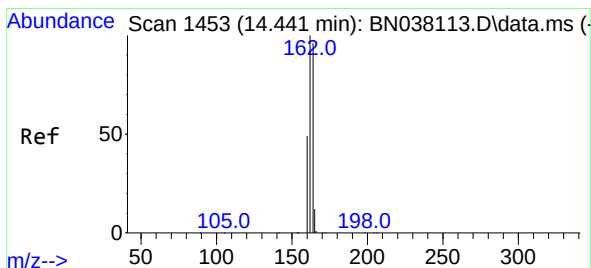
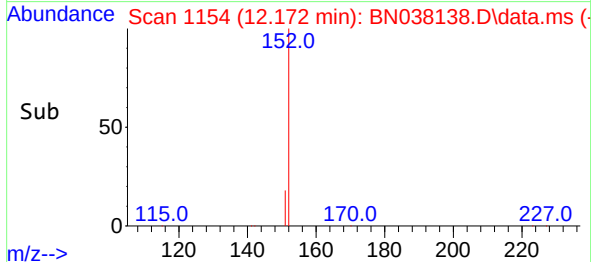
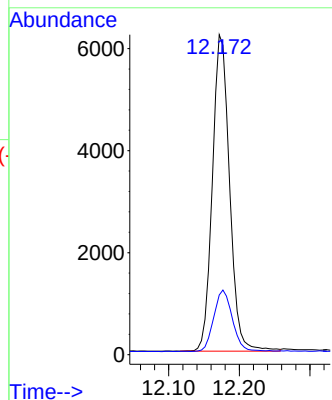
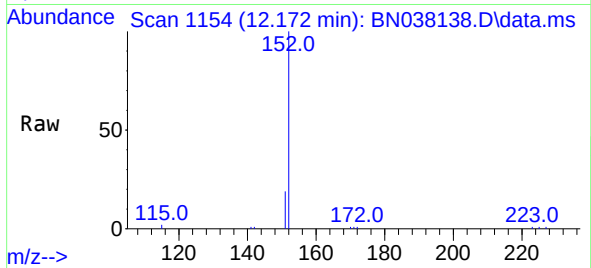
Tgt Ion: 82	Resp:	5875
Ion Ratio	Lower	Upper
82	100	
128	45.7	34.1 51.1
54	53.9	43.5 65.3





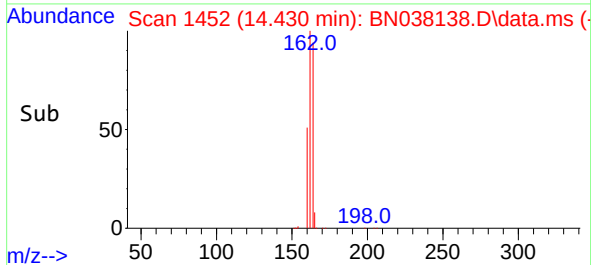
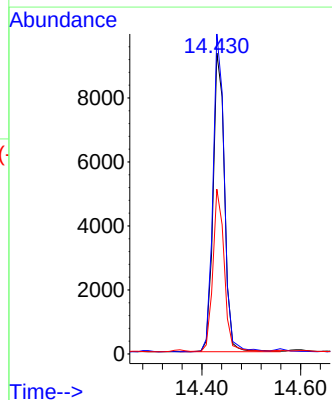
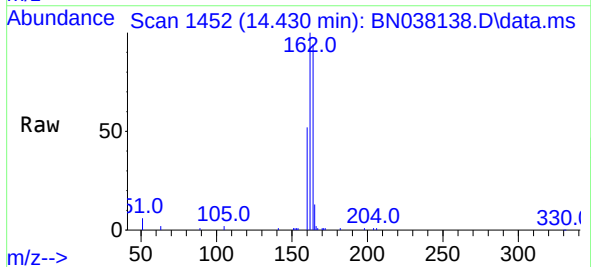
#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

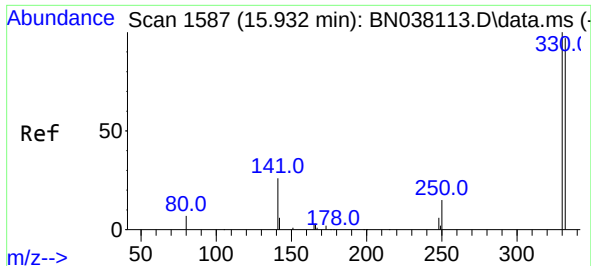
Tgt Ion:152 Resp: 10503
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

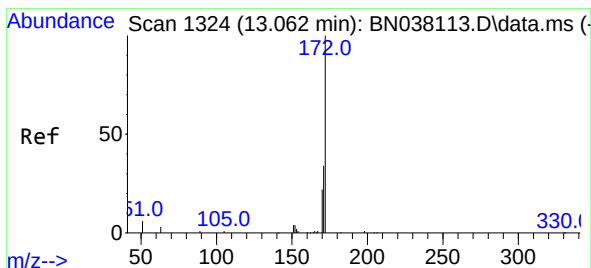
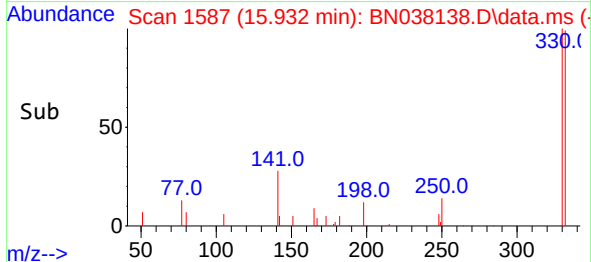
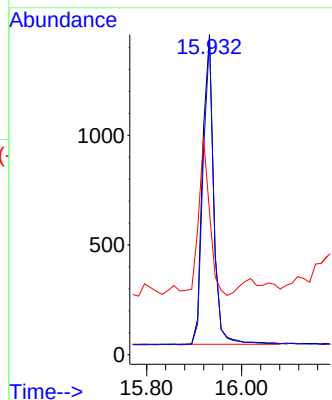
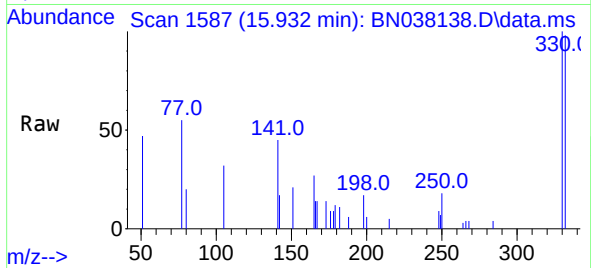
Tgt Ion:164 Resp: 14999
Ion Ratio Lower Upper
164 100
162 106.3 83.0 124.4
160 54.8 40.7 61.1





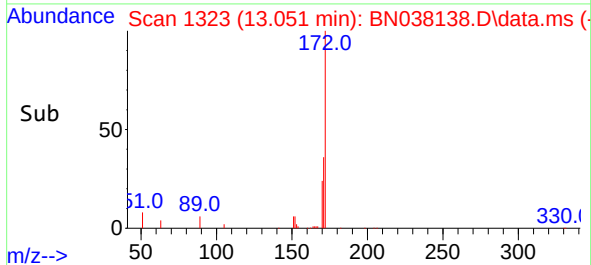
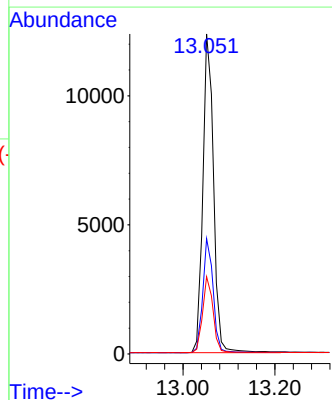
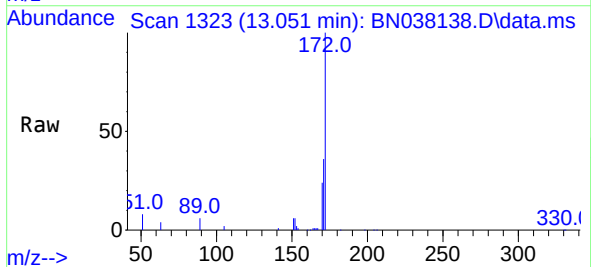
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

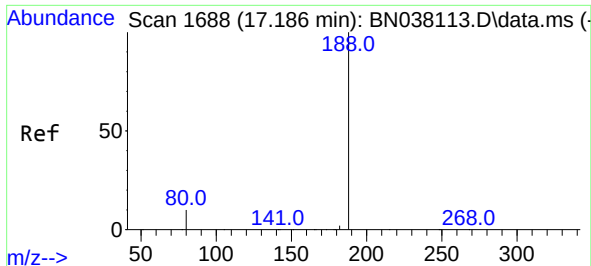
Tgt Ion: 330 Resp: 2316
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 50.2 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

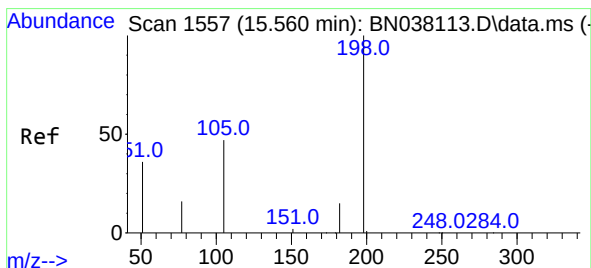
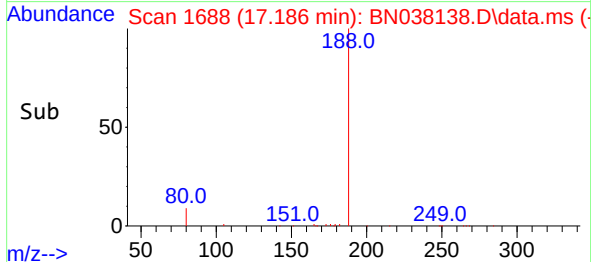
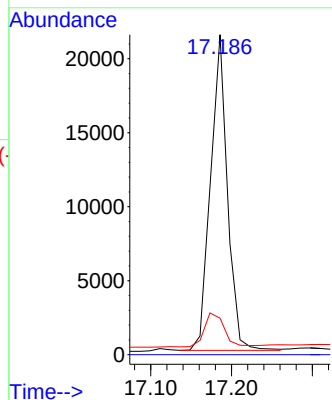
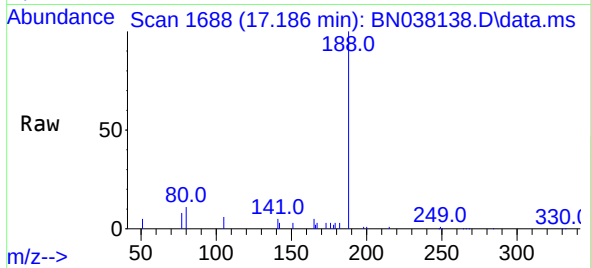
Tgt Ion: 172 Resp: 18588
Ion Ratio Lower Upper
172 100
171 36.0 27.8 41.6
170 24.2 18.1 27.1





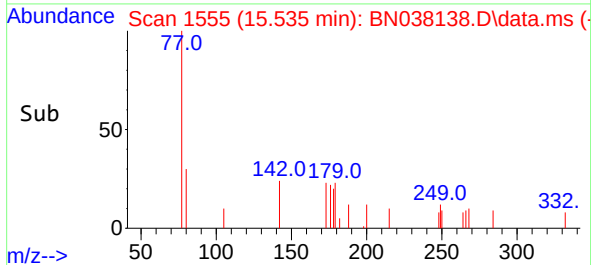
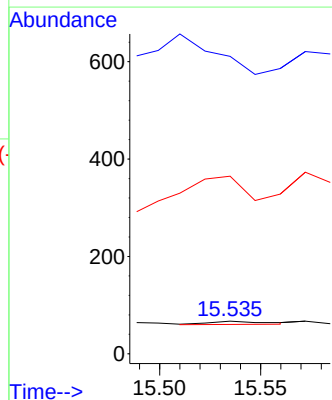
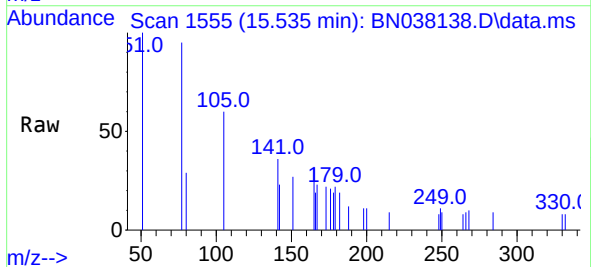
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

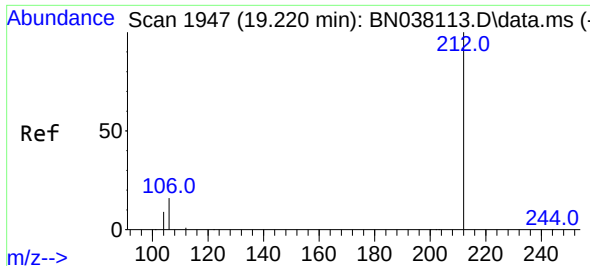
Tgt Ion:188 Resp: 31102
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.025 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

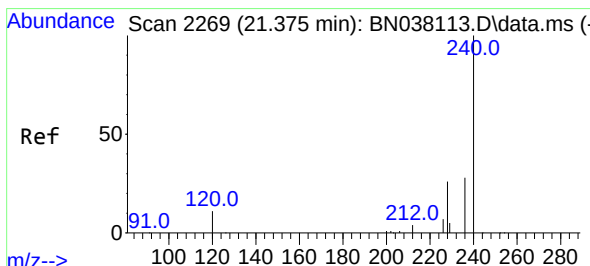
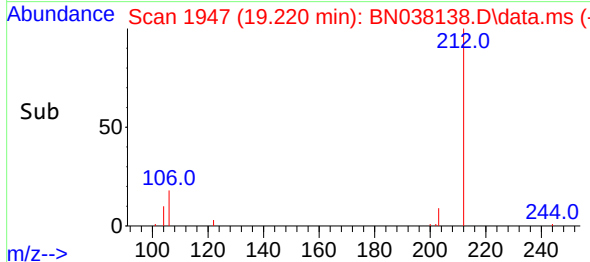
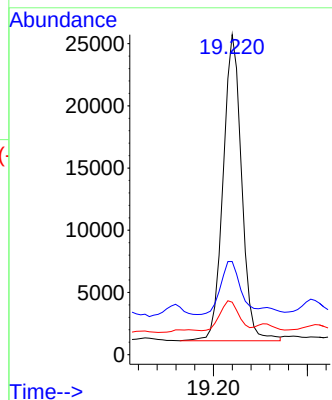
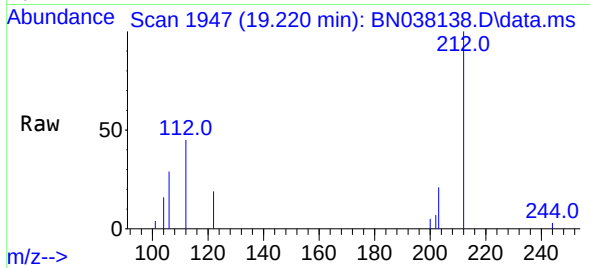
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 911.9 88.9 133.3#
105 544.8 49.2 73.8#





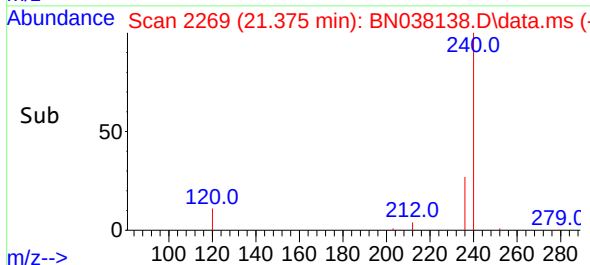
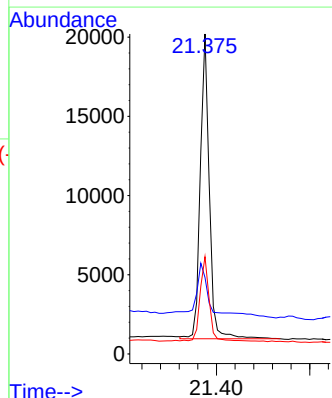
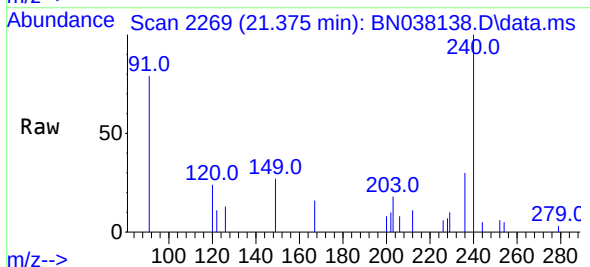
#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

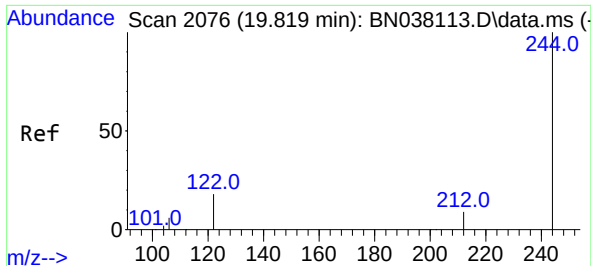
Tgt Ion:212 Resp: 33654
Ion Ratio Lower Upper
212 100
106 18.8 12.6 19.0
104 9.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

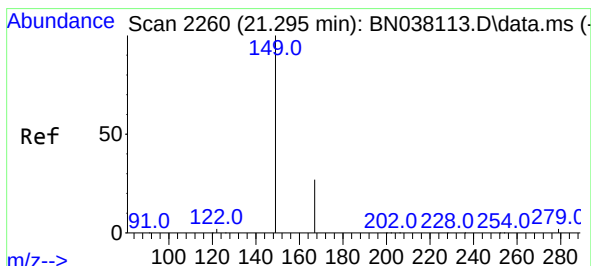
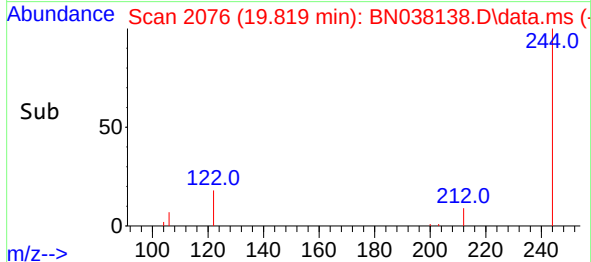
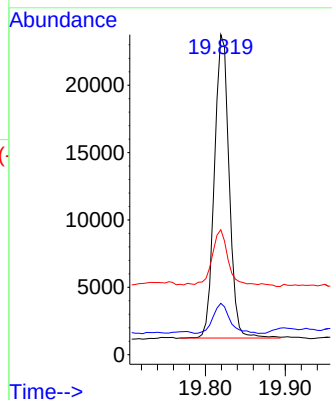
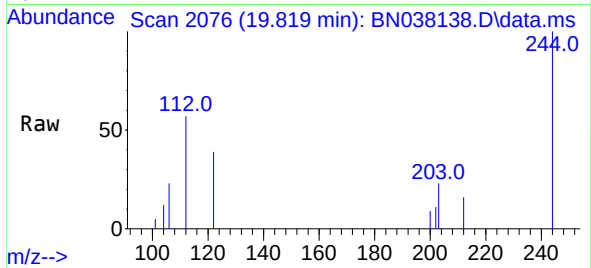
Tgt Ion:240 Resp: 25933
Ion Ratio Lower Upper
240 100
120 23.9 10.7 16.1#
236 30.4 23.1 34.7





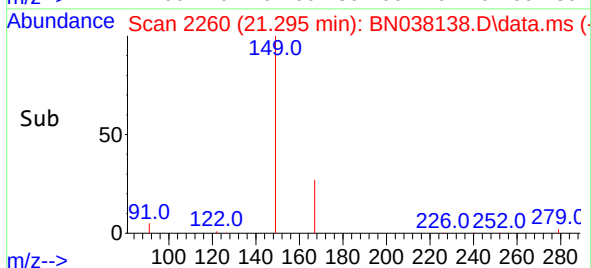
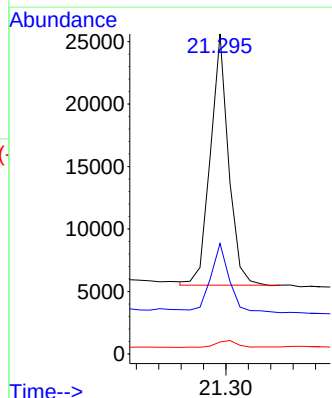
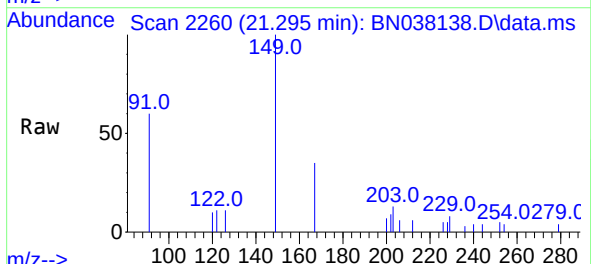
#31
 Terphenyl-d14
 Concen: 0.513 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038138.D
 Acq: 04 Nov 2025 15:57

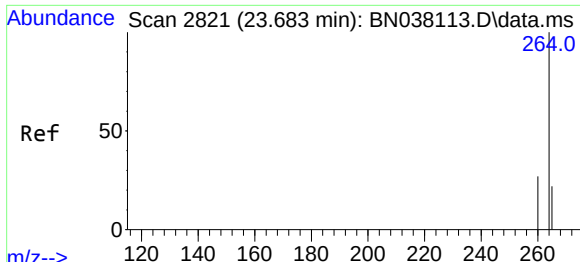
Tgt Ion:244 Resp: 28902
 Ion Ratio Lower Upper
 244 100
 212 16.1 7.8 11.6#
 122 39.1 15.2 22.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.464 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038138.D
 Acq: 04 Nov 2025 15:57

Tgt Ion:149 Resp: 22629
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.1 31.7
 279 3.1 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN038138.D
Acq: 04 Nov 2025 15:57

Tgt Ion:	264	Resp:	21372
Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	72.2	68.6	102.8

