

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038135.D
 Acq On : 04 Nov 2025 14:08
 Operator : RC/JU
 Sample : Q3525-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 14:32:23 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

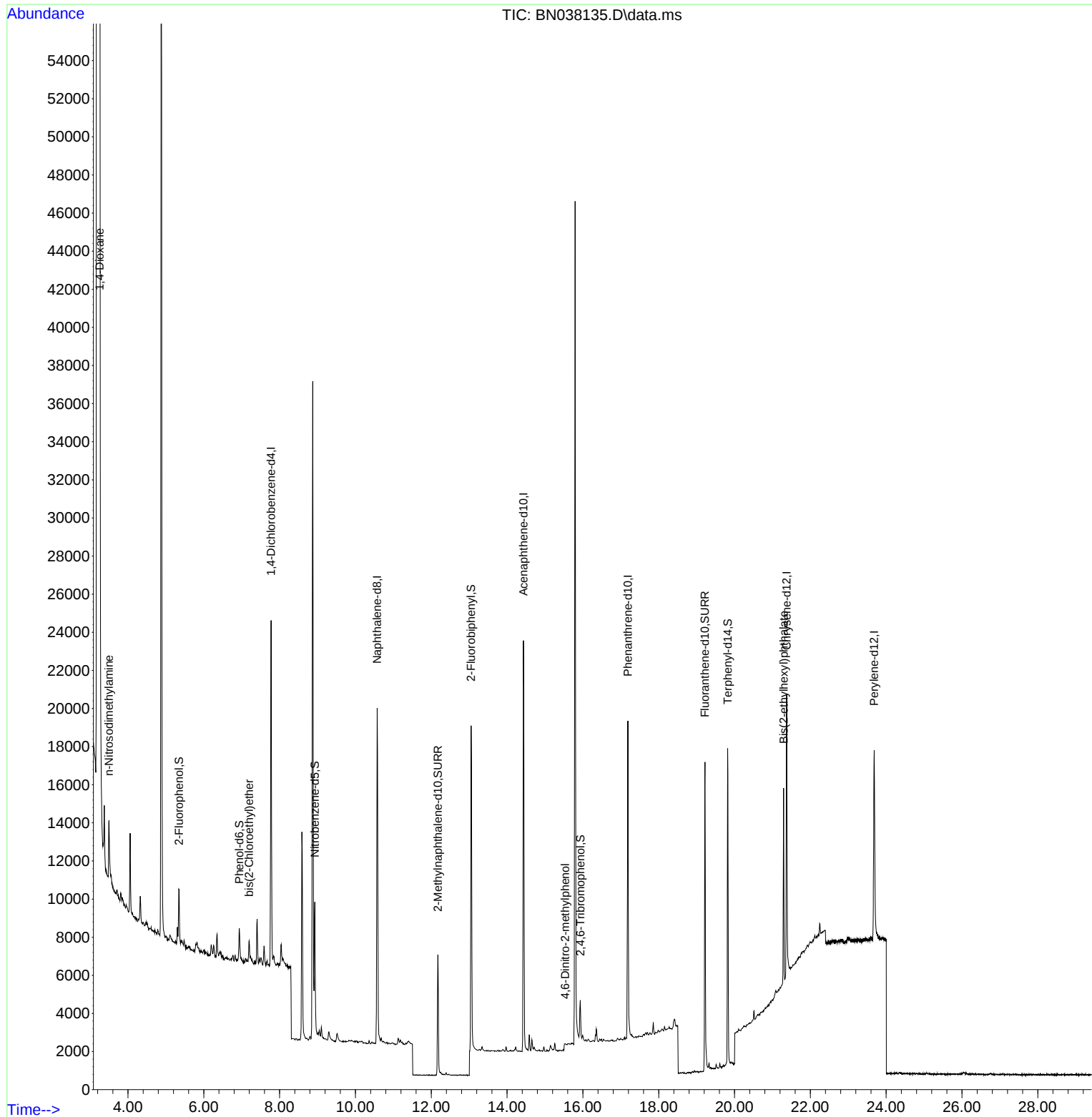
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

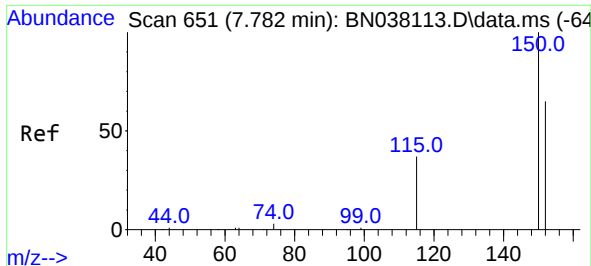
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8620	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25357	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	13158	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	22343	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15115	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	14719	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2495	0.123	ng	0.00
5) Phenol-d6	6.937	99	1619	0.065	ng	0.00
8) Nitrobenzene-d5	8.929	82	6316	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	9507	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1331	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	16049	0.305	ng	0.00
27) Fluoranthene-d10	19.220	212	19109	0.339	ng	0.00
31) Terphenyl-d14	19.819	244	15576	0.474	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	53034	5.954	ng	99
3) n-Nitrosodimethylamine	3.499	42	994	0.087	ng	# 1
6) bis(2-Chloroethyl)ether	7.197	93	930	0.038	ng	93
20) 4,6-Dinitro-2-methylph...	15.535	198	9	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	8915	0.314	ng	98

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

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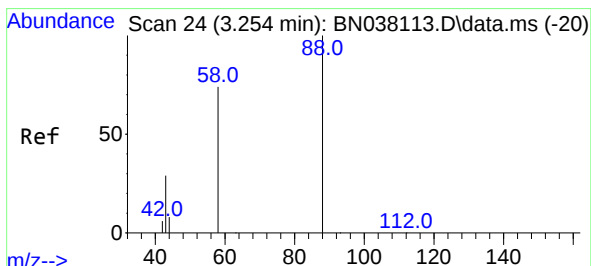
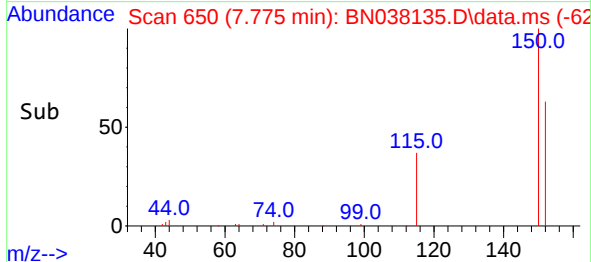
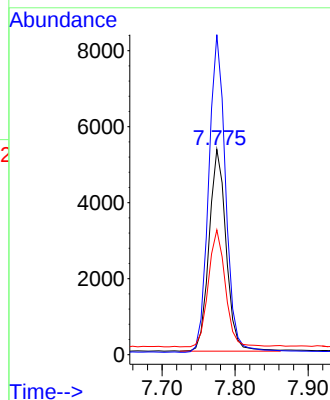
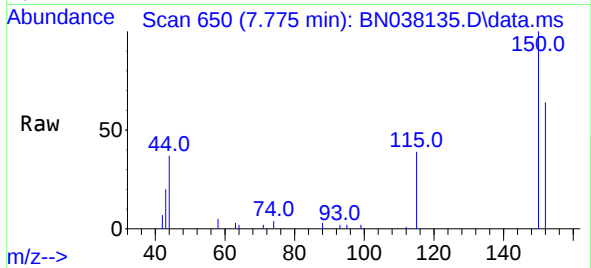
Quant Time: Nov 04 14:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
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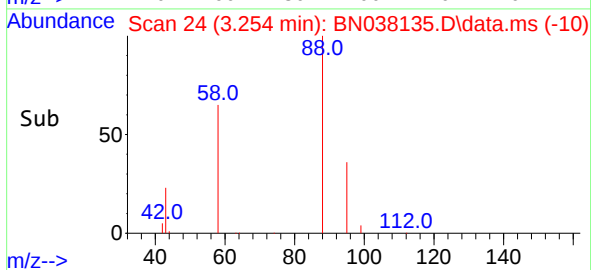
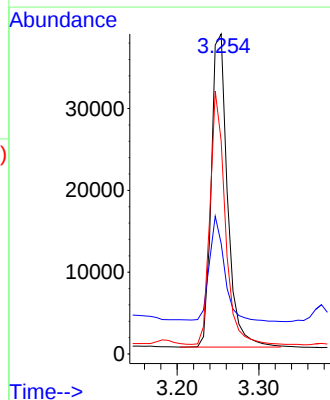
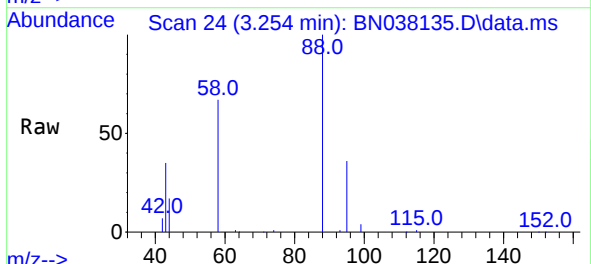
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 650
Delta R.T. -0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

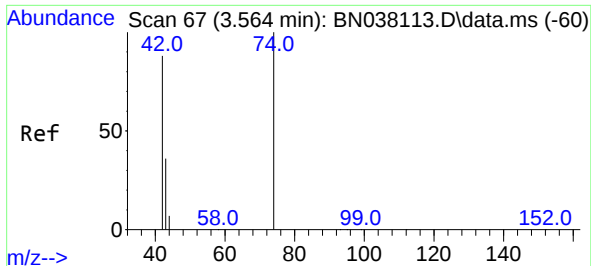
Tgt Ion:152 Resp: 8620
Ion Ratio Lower Upper
152 100
150 155.9 122.3 183.5
115 60.8 47.4 71.0



#2
1,4-Dioxane
Concen: 5.954 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

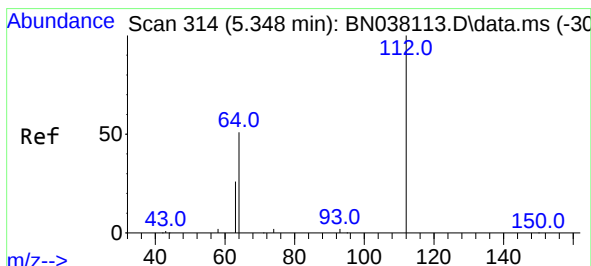
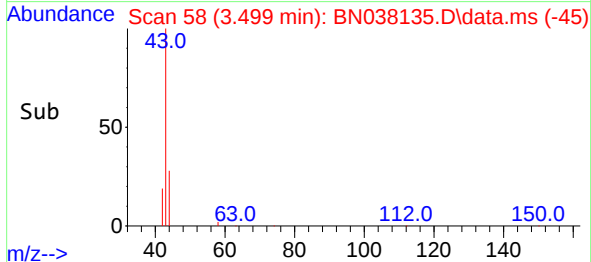
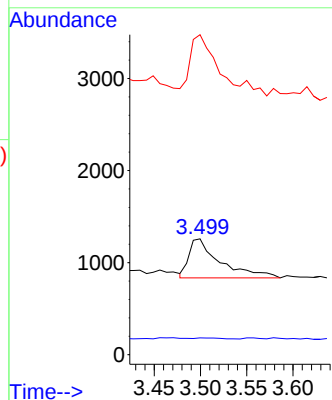
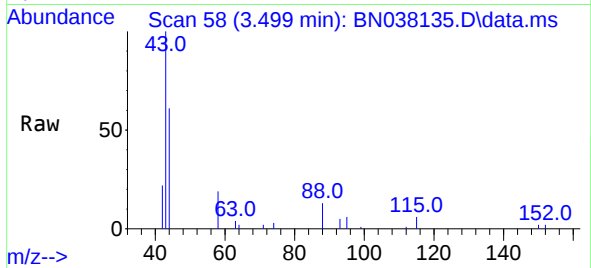
Tgt Ion: 88 Resp: 53034
Ion Ratio Lower Upper
88 100
43 31.6 24.3 36.5
58 75.0 60.4 90.6





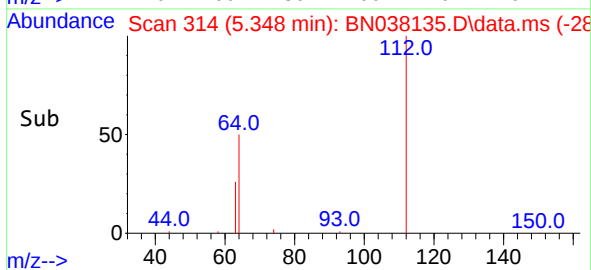
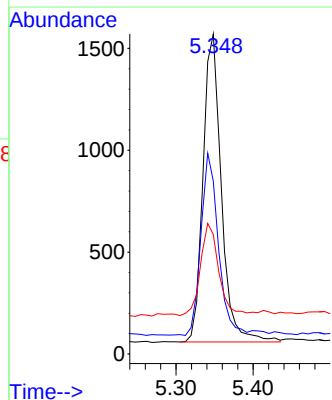
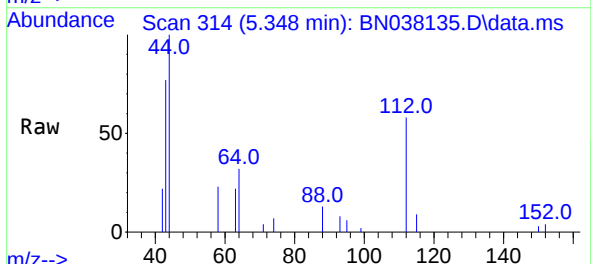
#3
n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.499 min Scan# 58
Delta R.T. -0.058 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion: 42 Resp: 994
Ion Ratio Lower Upper
42 100
74 2.1 96.8 145.2#
44 147.3 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

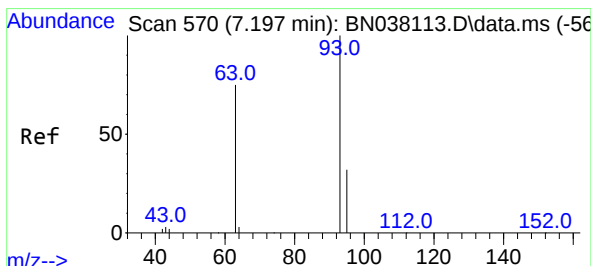
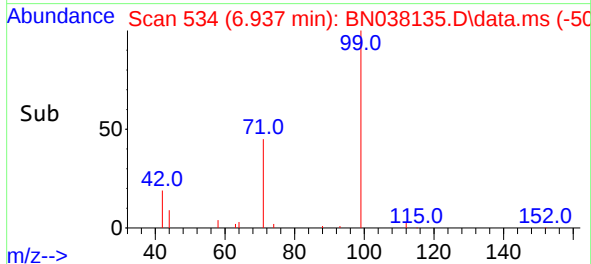
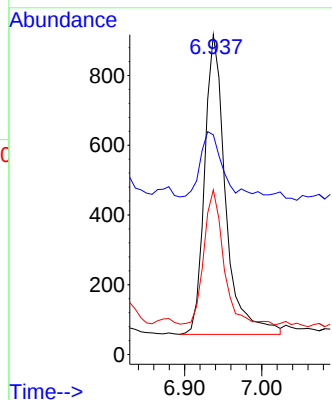
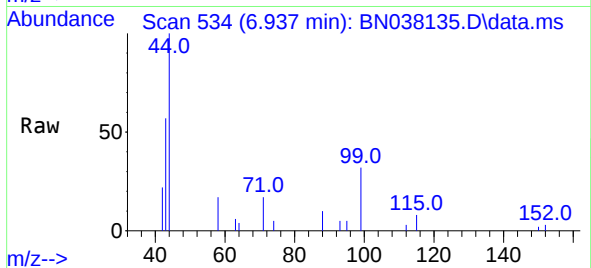
Tgt Ion: 112 Resp: 2495
Ion Ratio Lower Upper
112 100
64 56.4 45.4 68.0
63 29.5 23.2 34.8





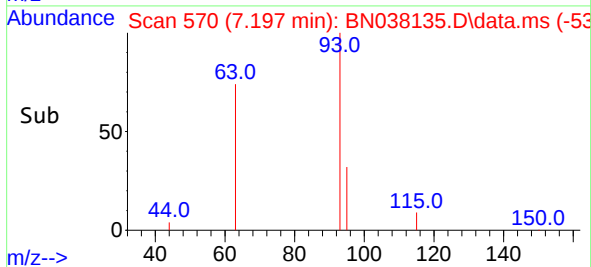
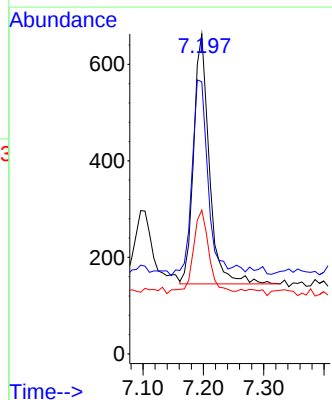
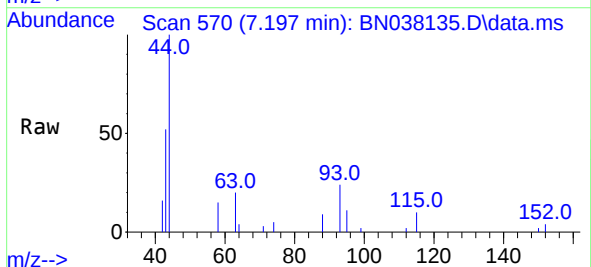
#5
Phenol-d6
Concen: 0.065 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

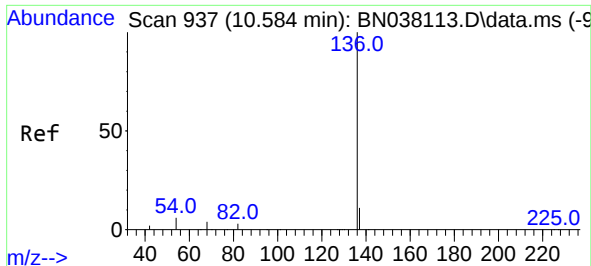
Tgt Ion: 99 Resp: 1619
Ion Ratio Lower Upper
99 100
42 23.2 16.6 24.8
71 43.9 25.4 38.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.197 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

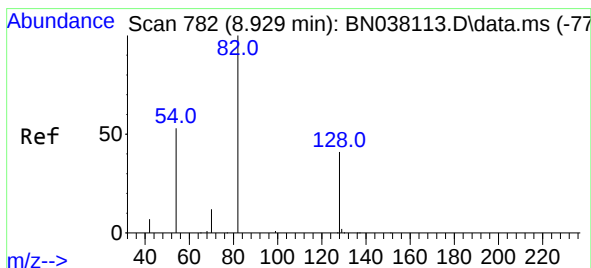
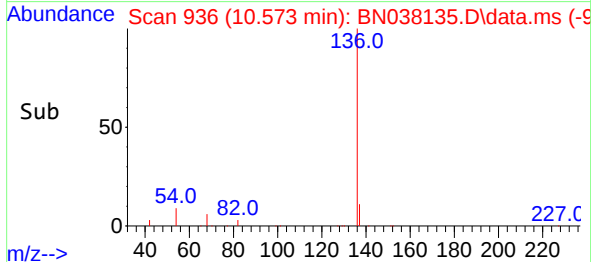
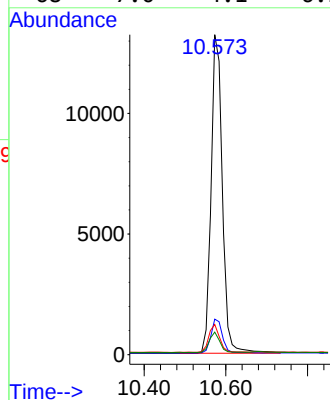
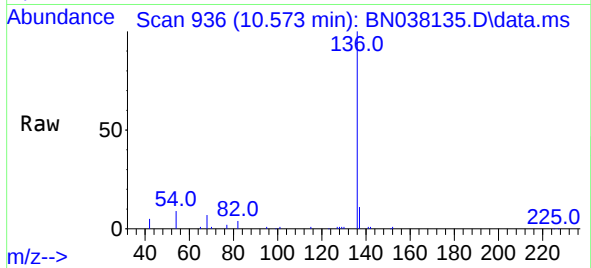
Tgt Ion: 93 Resp: 930
Ion Ratio Lower Upper
93 100
63 80.3 59.3 88.9
95 34.2 25.2 37.8





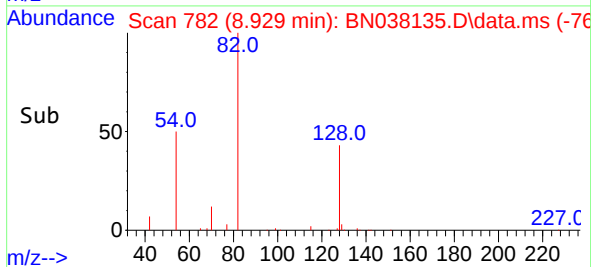
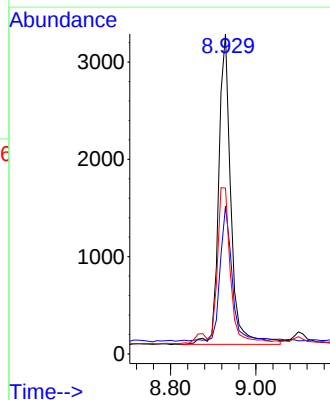
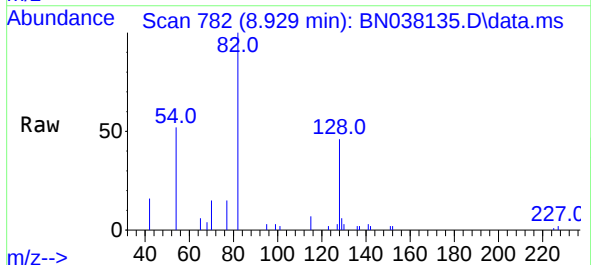
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

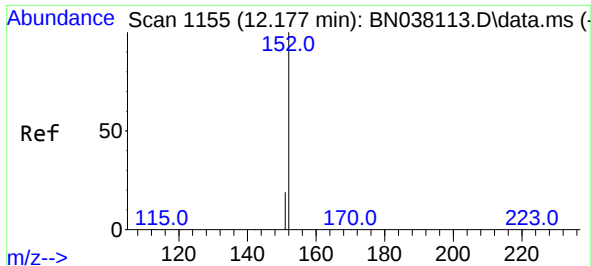
Tgt Ion:136	Resp:	25357
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	9.4	5.2 7.8#
68	7.0	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

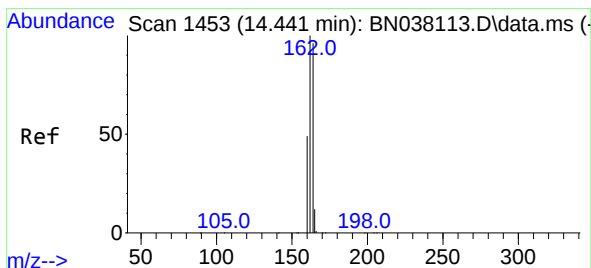
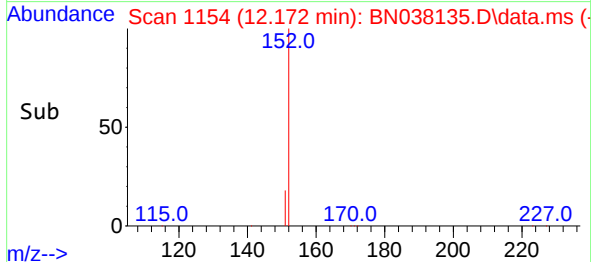
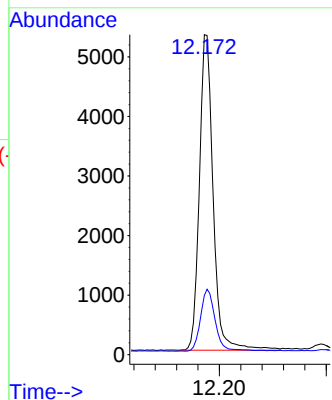
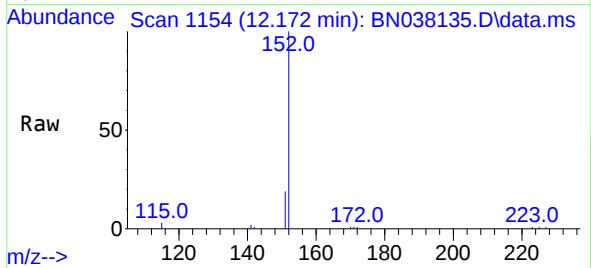
Tgt Ion: 82	Resp:	6316
Ion Ratio	Lower	Upper
82	100	
128	46.2	34.1 51.1
54	51.8	43.5 65.3





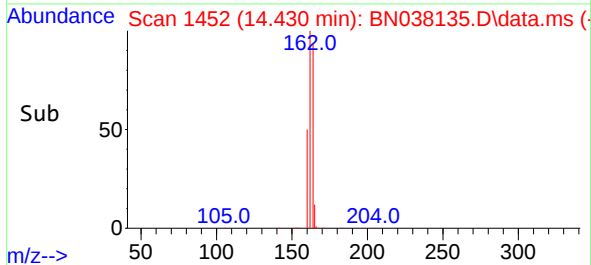
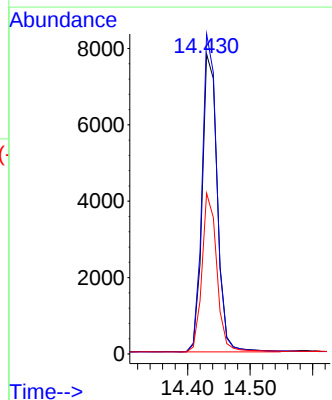
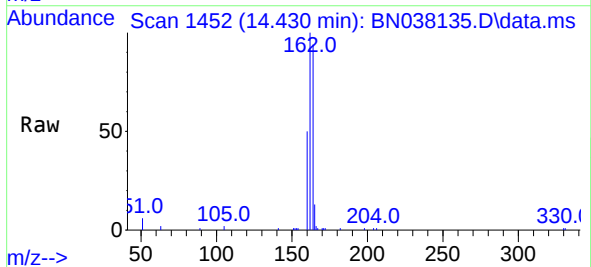
#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

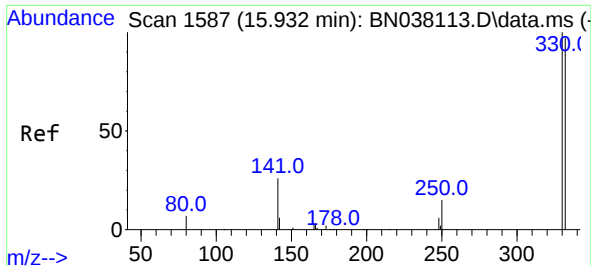
Tgt Ion:152 Resp: 9507
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

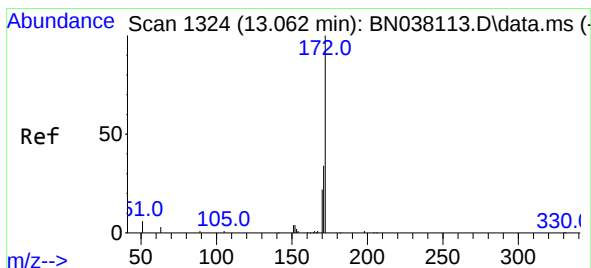
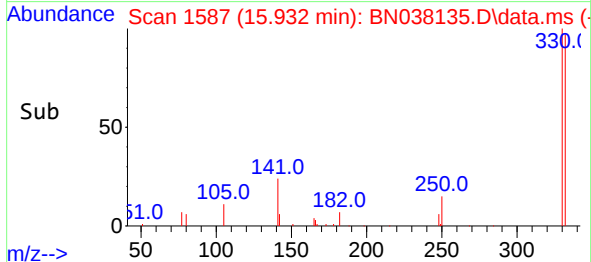
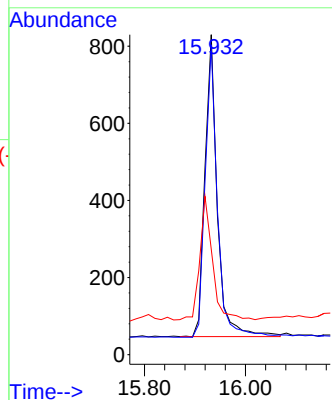
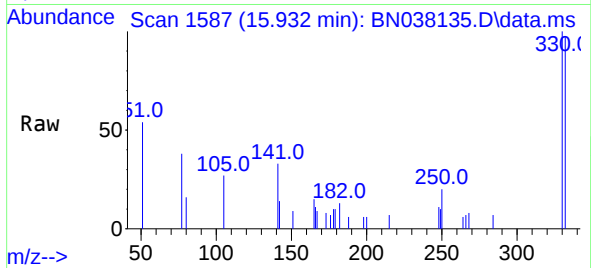
Tgt Ion:164 Resp: 13158
Ion Ratio Lower Upper
164 100
162 106.7 83.0 124.4
160 53.7 40.7 61.1





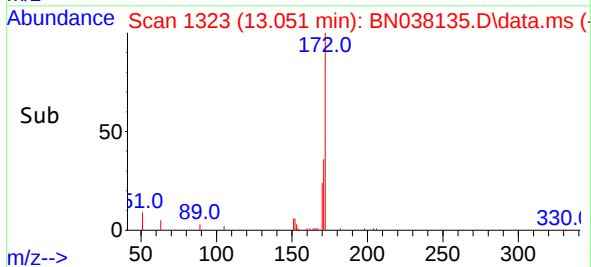
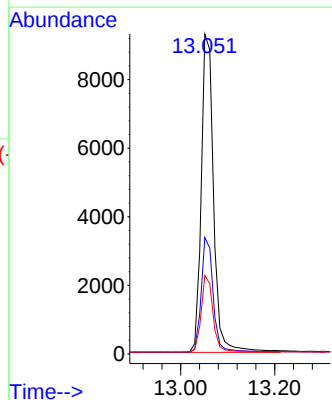
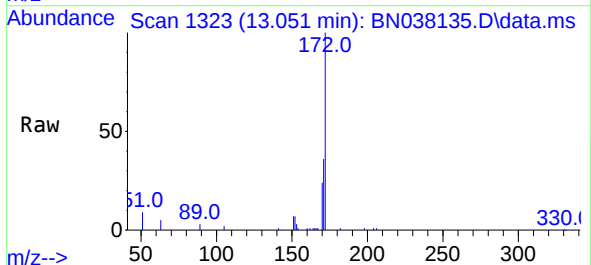
#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

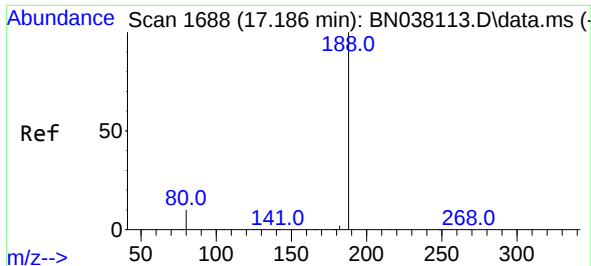
Tgt Ion:	330	Resp:	1331
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	42.7	34.1	51.1



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

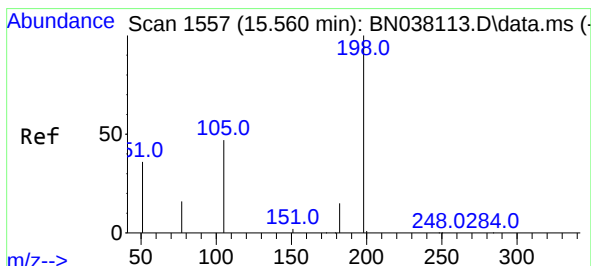
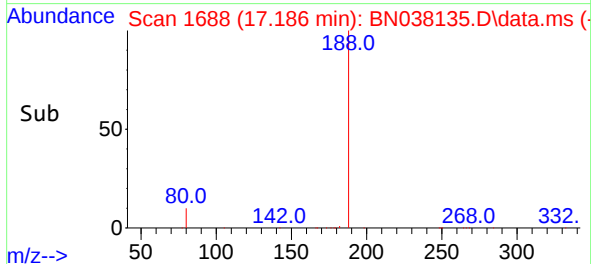
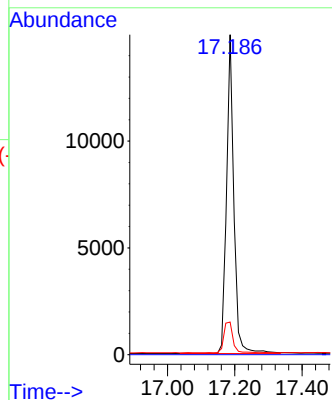
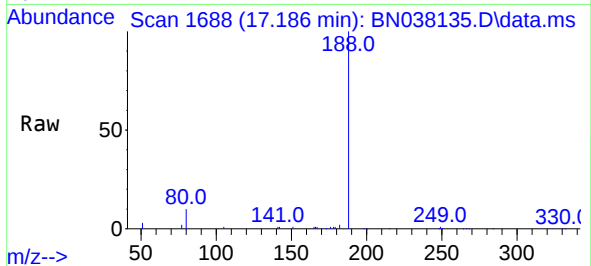
Tgt Ion:	172	Resp:	16049
Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.5	18.1	27.1





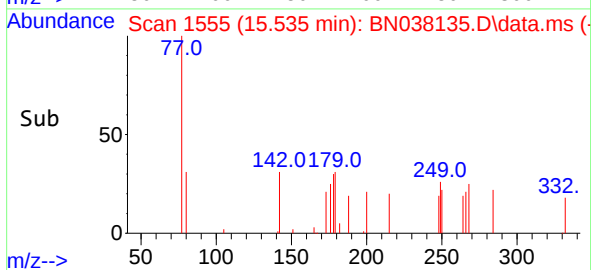
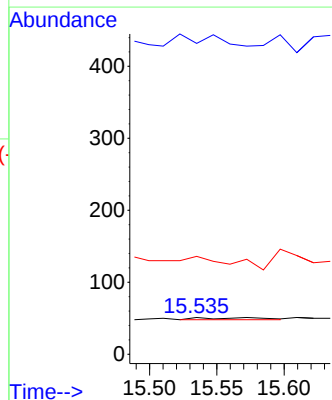
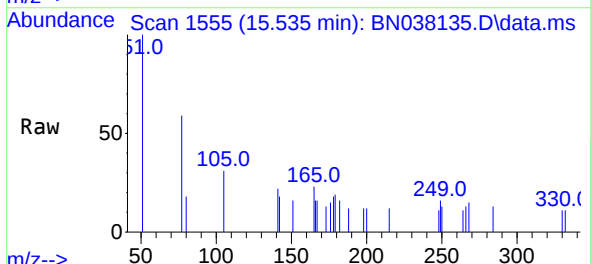
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

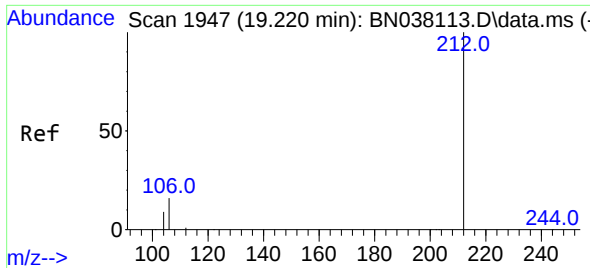
Tgt Ion:188	Resp:	22343
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.2	8.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.025 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

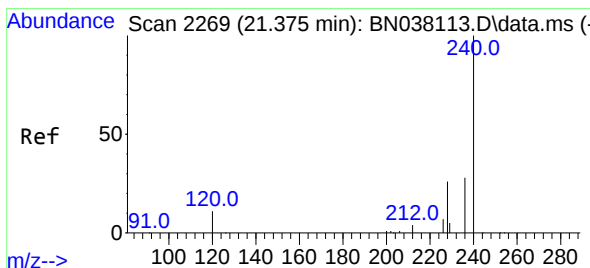
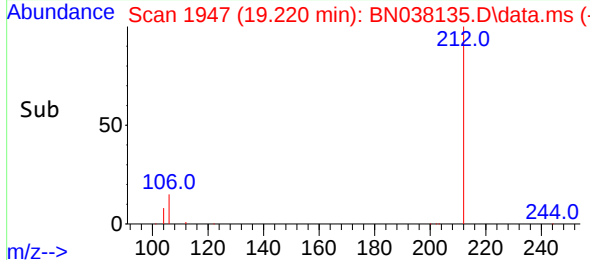
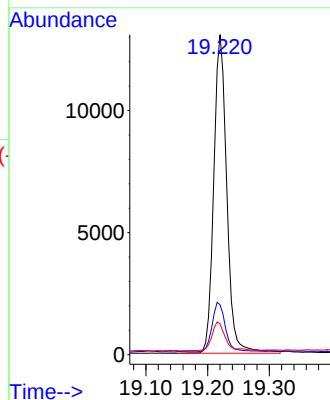
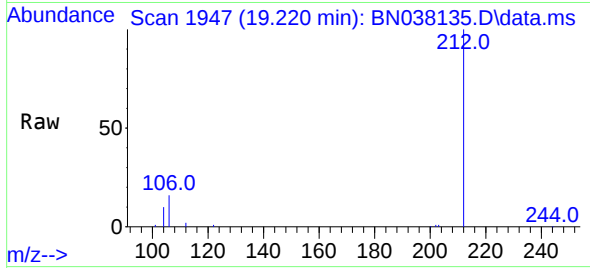
Tgt Ion:198	Resp:	9
Ion Ratio	Lower	Upper
198	100	
51	847.1	88.9
105	266.7	49.2





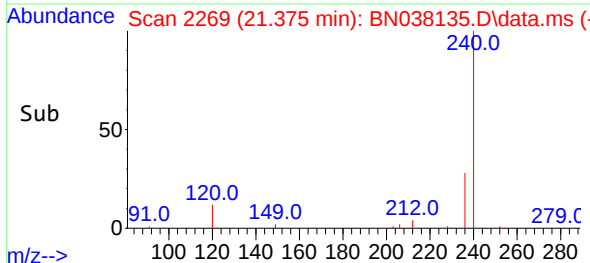
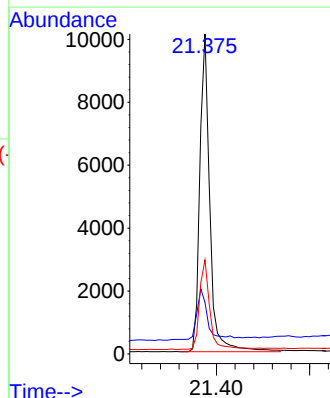
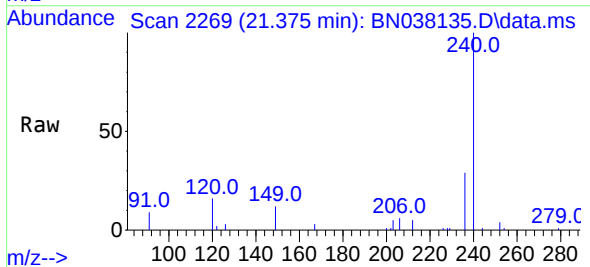
#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

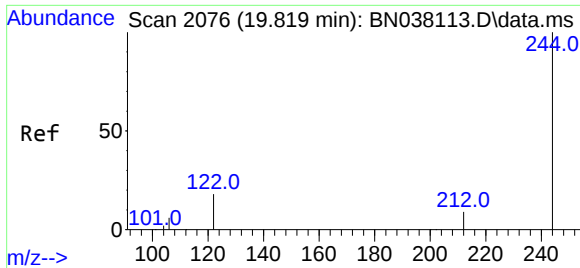
Tgt Ion:212 Resp: 19109
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038135.D
Acq: 04 Nov 2025 14:08

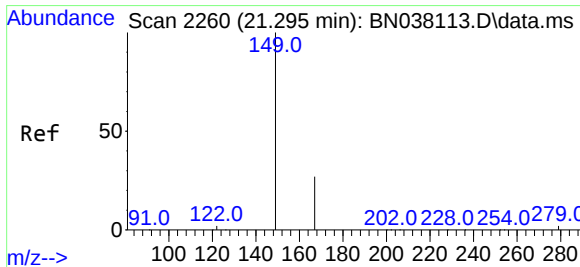
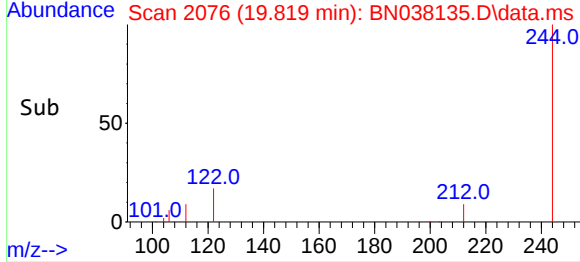
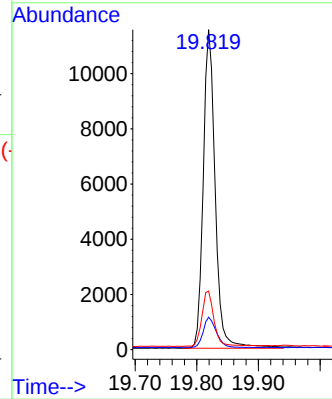
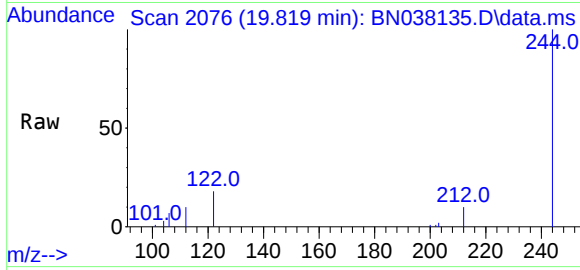
Tgt Ion:240 Resp: 15115
Ion Ratio Lower Upper
240 100
120 16.1 10.7 16.1#
236 29.4 23.1 34.7





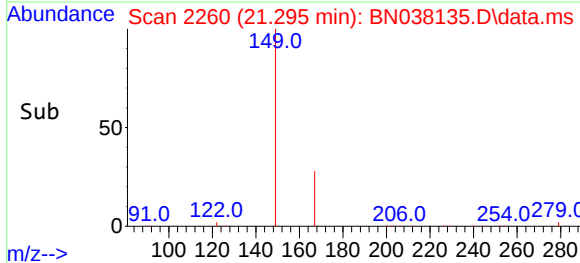
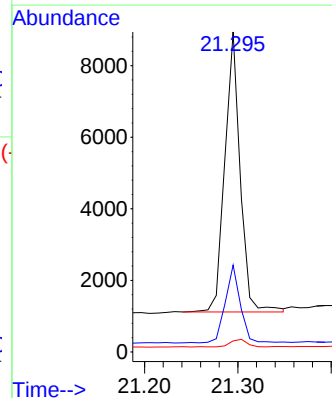
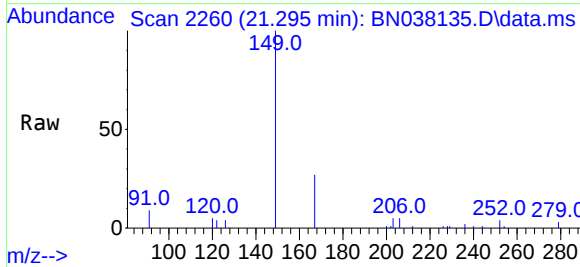
#31
 Terphenyl-d14
 Concen: 0.474 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038135.D
 Acq: 04 Nov 2025 14:08

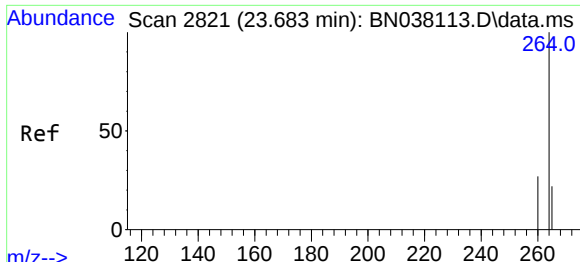
Tgt Ion:244	Resp:	15576
Ion Ratio	Lower	Upper
244	100	
212	10.1	7.8 11.6
122	18.3	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.314 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038135.D
 Acq: 04 Nov 2025 14:08

Tgt Ion:149	Resp:	8915
Ion Ratio	Lower	Upper
149	100	
167	27.3	21.1 31.7
279	3.2	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: BN038135.D
Acq: 04 Nov 2025 14:08

Tgt Ion:	264	Resp:	14719
Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.8	32.8
265	93.1	68.6	102.8

