

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038194.D
 Acq On : 12 Nov 2025 16:11
 Operator : RC/JU
 Sample : Q3569-02DL 40X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12DL

Quant Time: Nov 12 16:35:08 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)

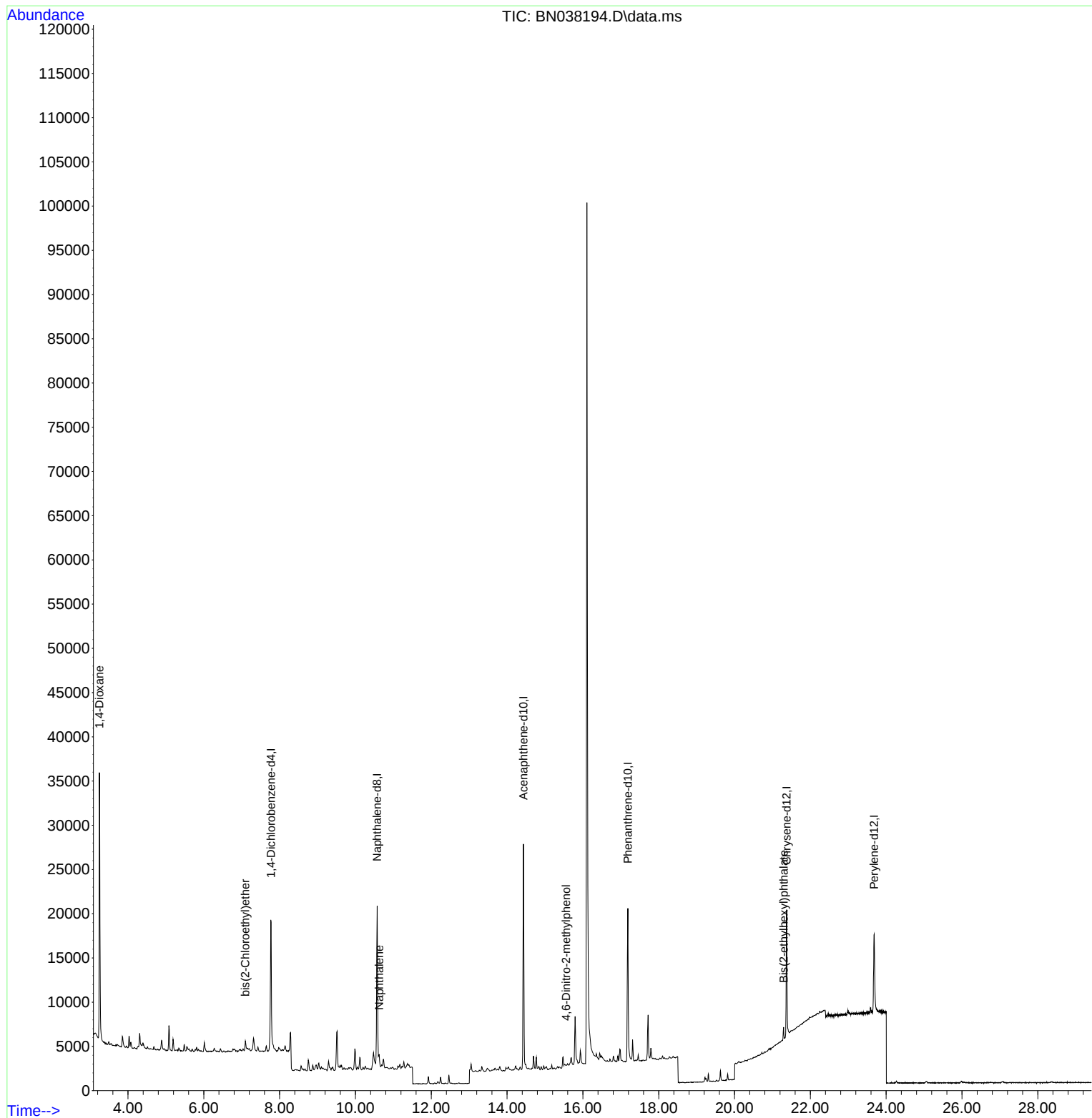
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7912	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24631	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14683	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26976	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14468	0.400	ng	0.00
35) Perylene-d12	23.683	264	13395	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	139	0.007	ng	0.00
5) Phenol-d6	6.944	99	111	0.005	ng	0.00
8) Nitrobenzene-d5	8.929	82	302	0.015	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	308	0.009	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	71	0.012	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	778	0.013	ng	0.00
27) Fluoranthene-d10	19.220	212	583	0.009	ng	0.00
31) Terphenyl-d14	19.819	244	600	0.019	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	19311	2.362	ng	99
6) bis(2-Chloroethyl)ether	7.096	93	2325	0.104	ng	# 26
9) Naphthalene	10.626	128	2053	0.030	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.560	198	6	0.184	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	1389	0.051	ng	# 93

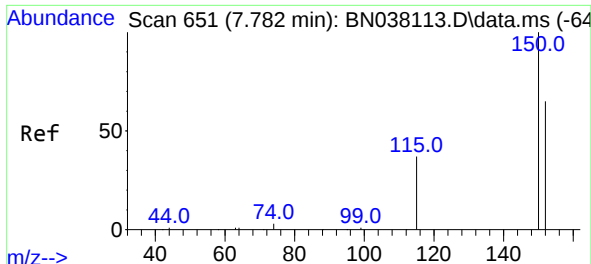
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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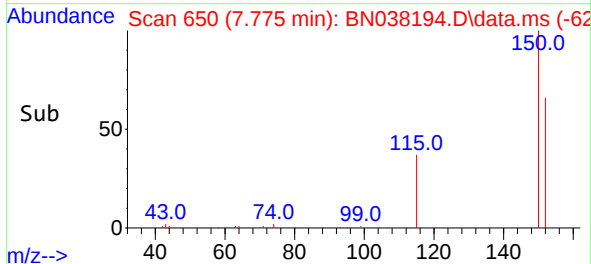
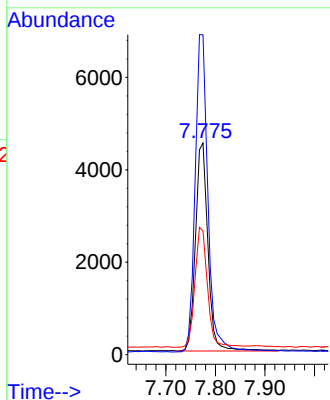
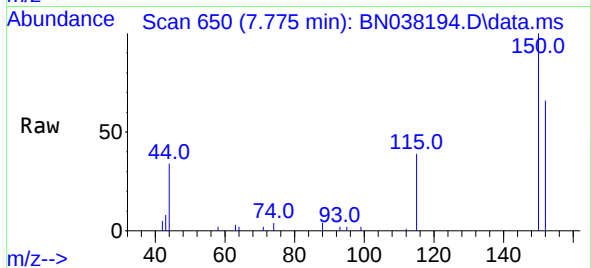


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038194.D
 Acq: 12 Nov 2025 16:11

Instrument :
 BNA_N
 ClientSampleId :
 MW-12DL

Tgt Ion: 152 Resp: 7912

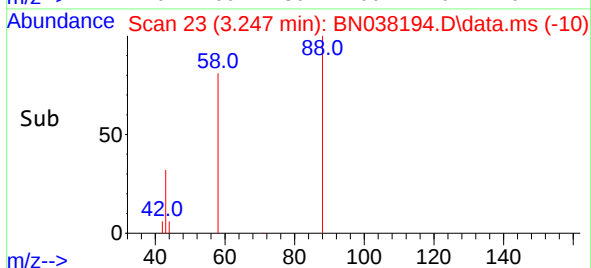
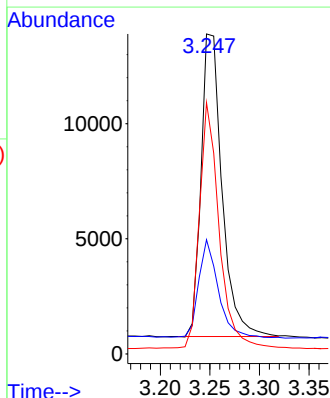
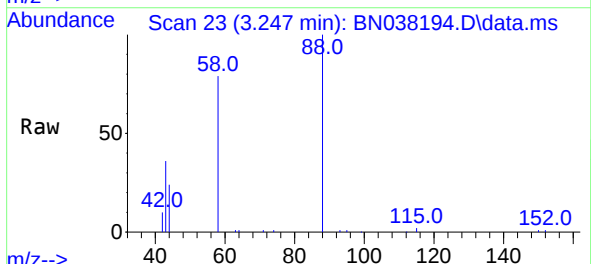
Ion	Ratio	Lower	Upper
152	100		
150	151.1	122.3	183.5
115	58.5	47.4	71.0

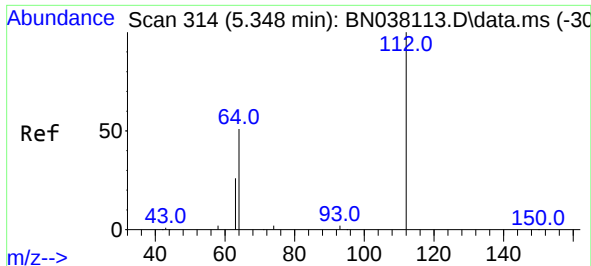


#2
 1,4-Dioxane
 Concen: 2.362 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038194.D
 Acq: 12 Nov 2025 16:11

Tgt Ion: 88 Resp: 19311

Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.3	36.5
58	76.7	60.4	90.6

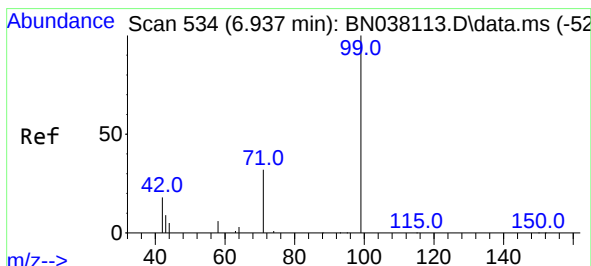
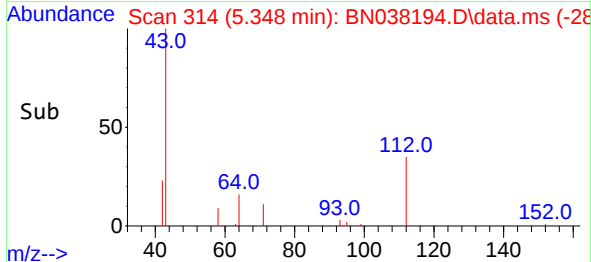
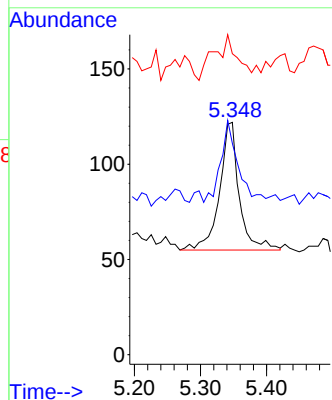
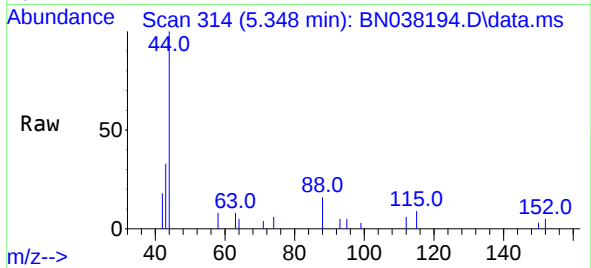




#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

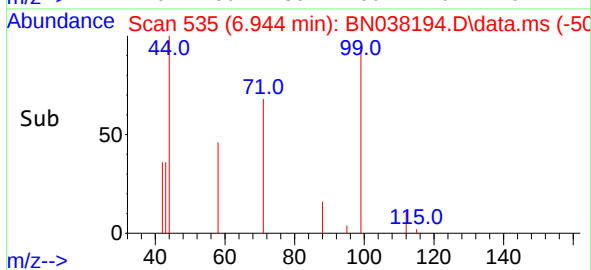
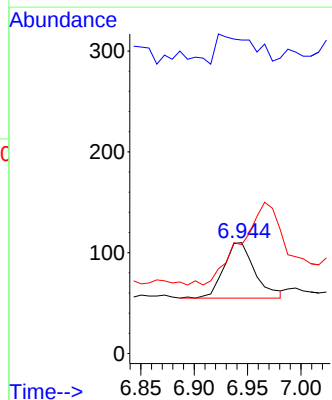
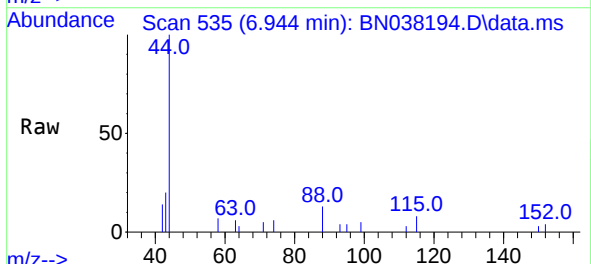
Instrument :
BNA_N
ClientSampleId :
MW-12DL

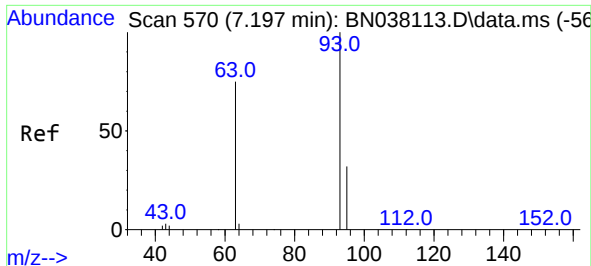
Tgt Ion:112 Resp: 139
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.0
63 42.4 23.2 34.8#



#5
Phenol-d6
Concen: 0.005 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 99 Resp: 111
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 0.0 25.4 38.2#

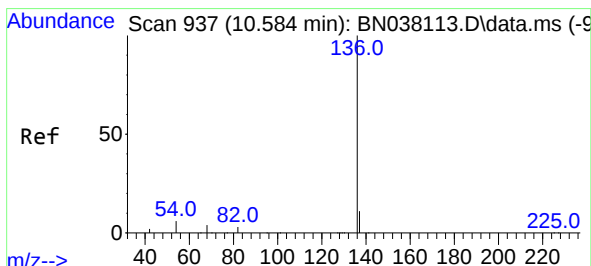
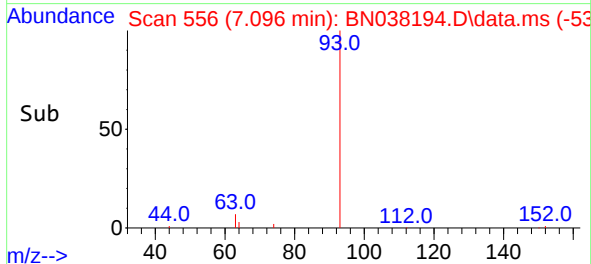
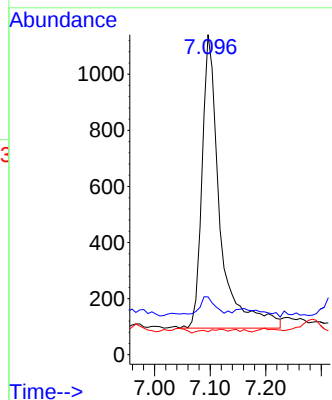
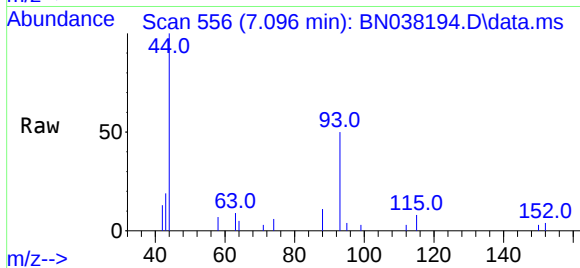




#6
bis(2-Chloroethyl)ether
Concen: 0.104 ng
RT: 7.096 min Scan# 51
Delta R.T. -0.101 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

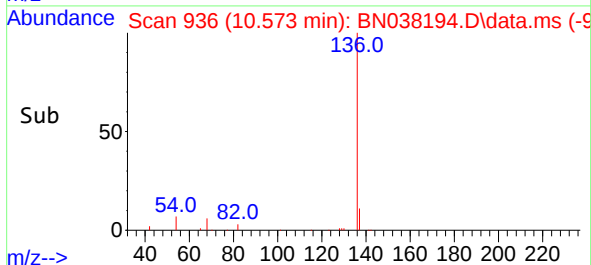
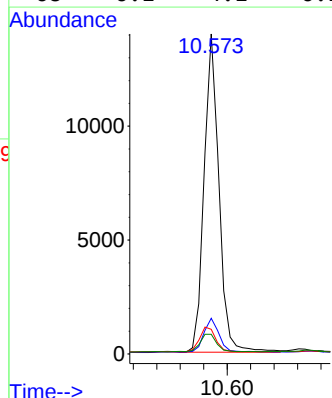
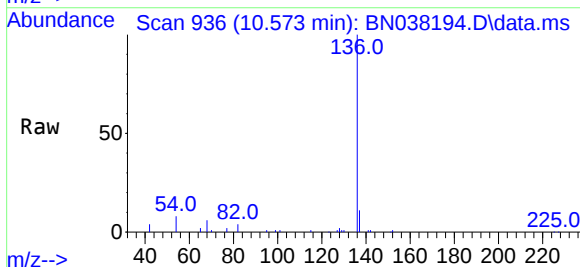
Instrument :
BNA_N
ClientSampleId :
MW-12DL

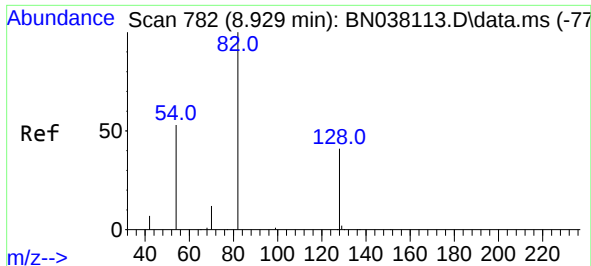
Tgt Ion: 93 Resp: 2325
Ion Ratio Lower Upper
93 100
63 5.4 59.3 88.9#
95 0.6 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:136 Resp: 24631
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.7 5.2 7.8
68 6.1 4.1 6.1#

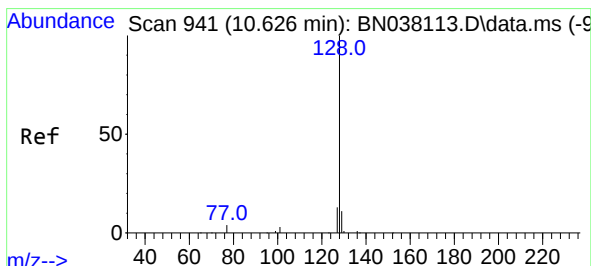
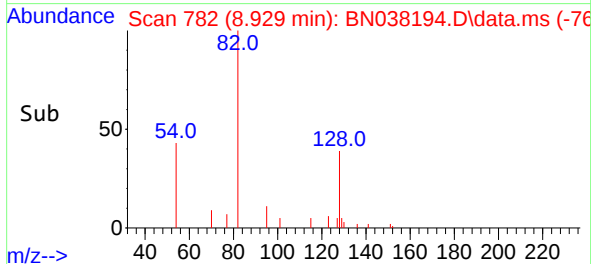
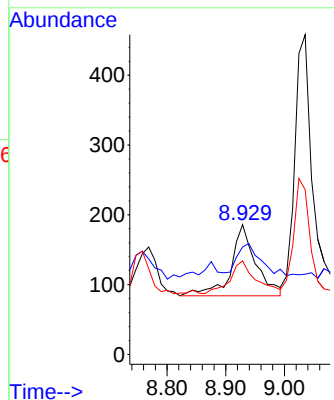
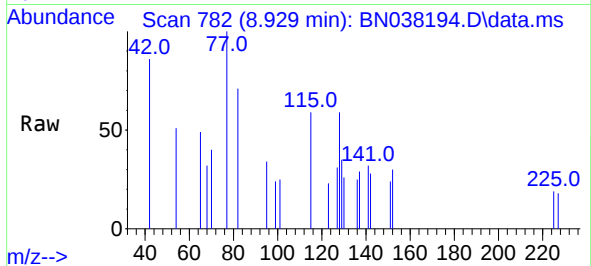




#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

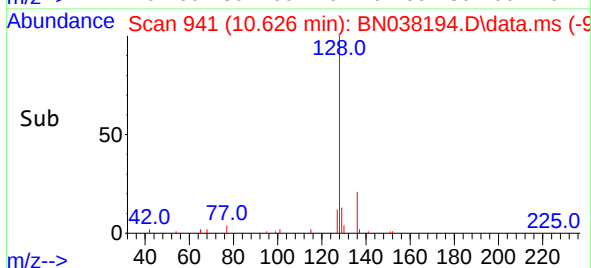
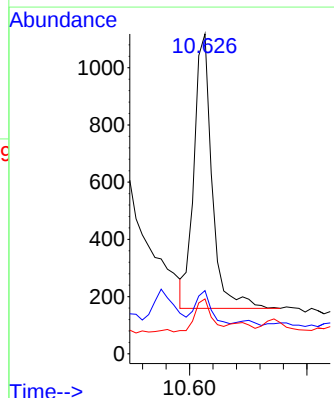
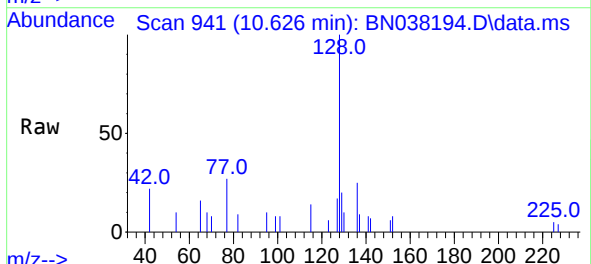
Instrument :
BNA_N
ClientSampleId :
MW-12DL

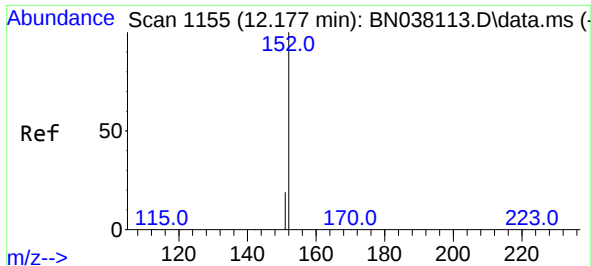
Tgt Ion: 82 Resp: 302
Ion Ratio Lower Upper
82 100
128 82.8 34.1 51.1#
54 72.0 43.5 65.3#



#9
Naphthalene
Concen: 0.030 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion: 128 Resp: 2053
Ion Ratio Lower Upper
128 100
129 19.8 9.1 13.7#
127 17.2 10.5 15.7#

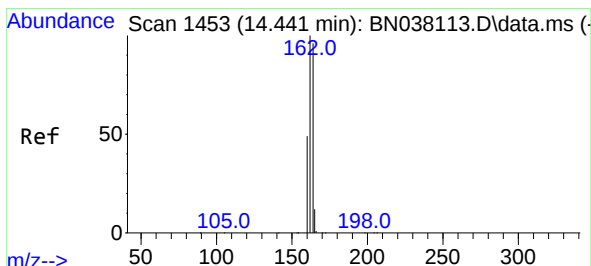
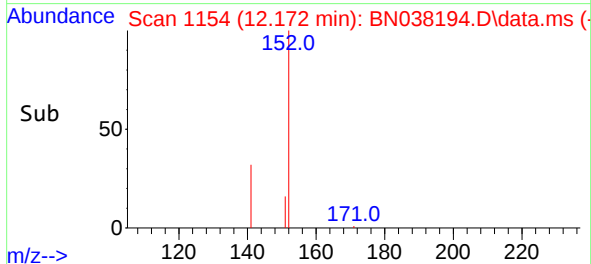
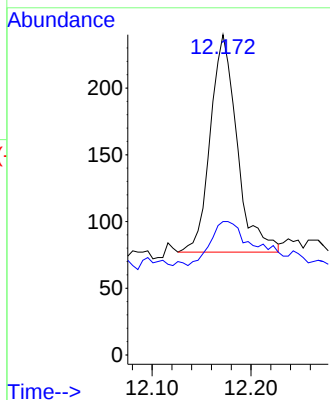
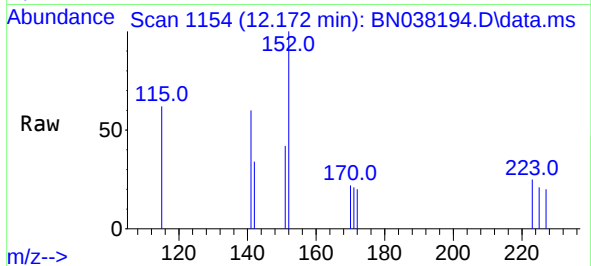




#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

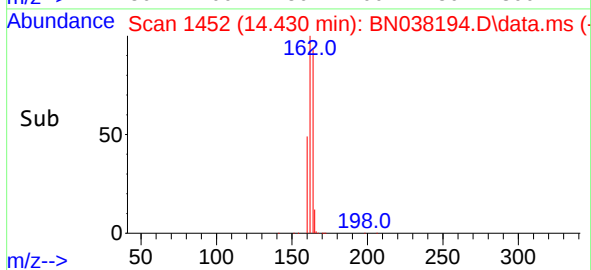
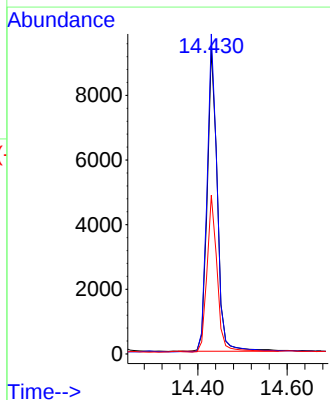
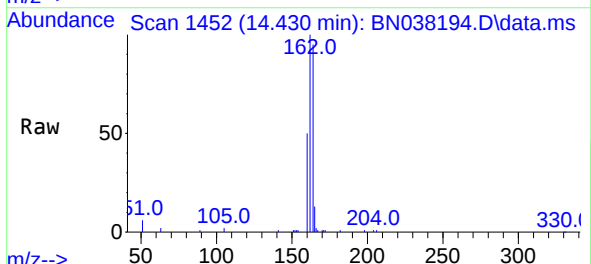
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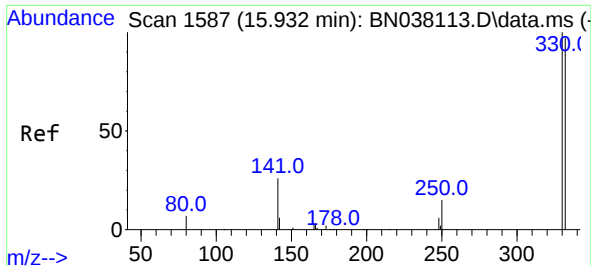
Tgt Ion:152 Resp: 308
Ion Ratio Lower Upper
152 100
151 32.5 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:164 Resp: 14683
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 52.0 40.7 61.1

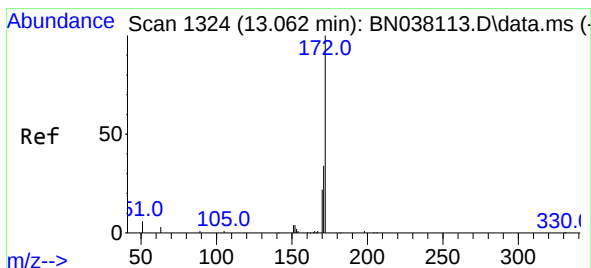
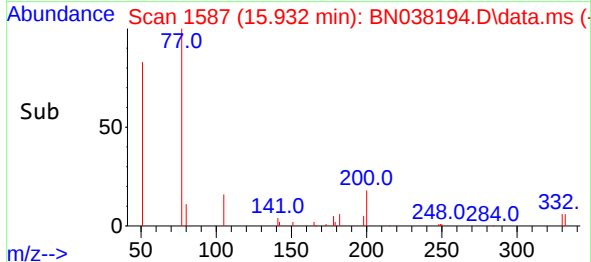
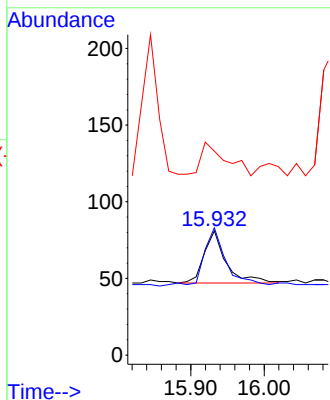
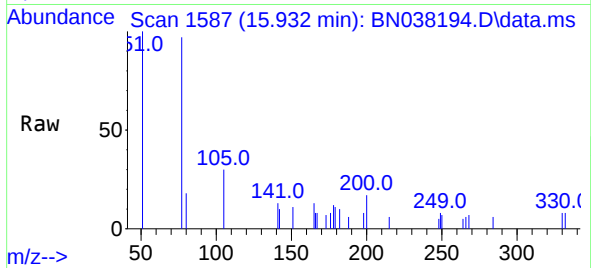




#14
2,4,6-Tribromophenol
Concen: 0.012 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

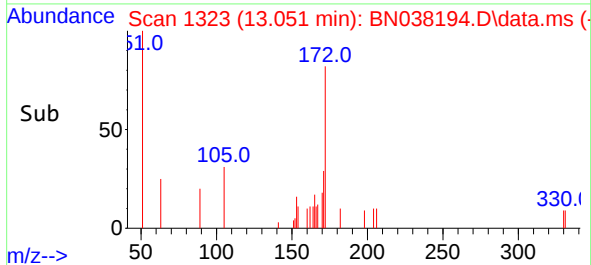
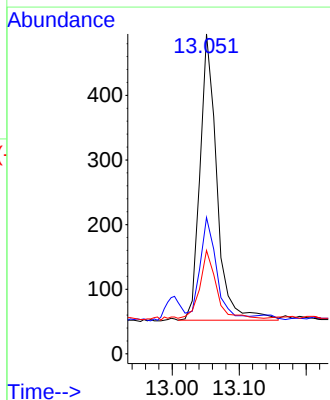
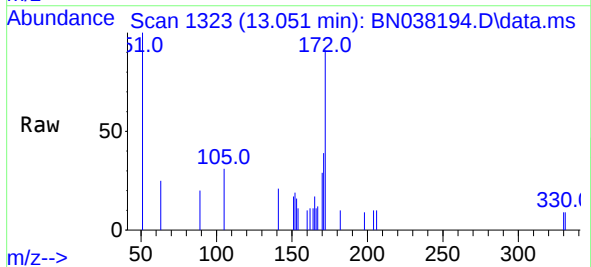
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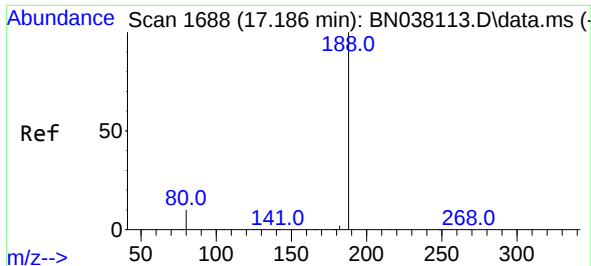
Tgt Ion:330 Resp: 71
Ion Ratio Lower Upper
330 100
332 112.7 76.6 114.8
141 85.9 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:172 Resp: 778
Ion Ratio Lower Upper
172 100
171 42.6 27.8 41.6#
170 32.3 18.1 27.1#

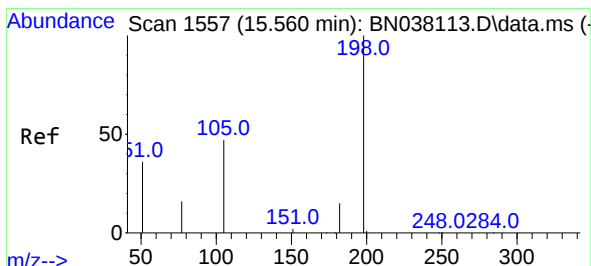
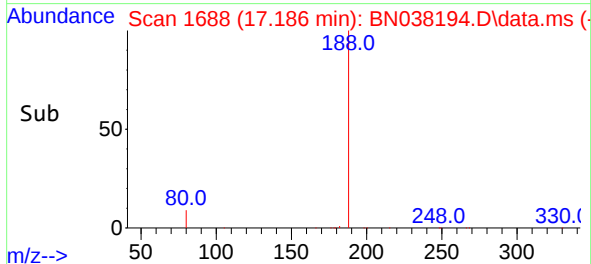
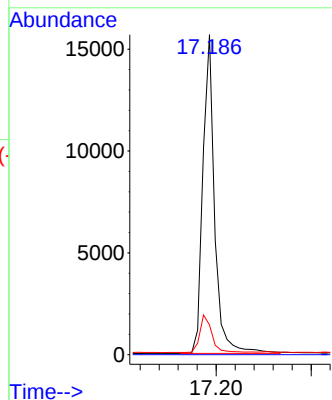
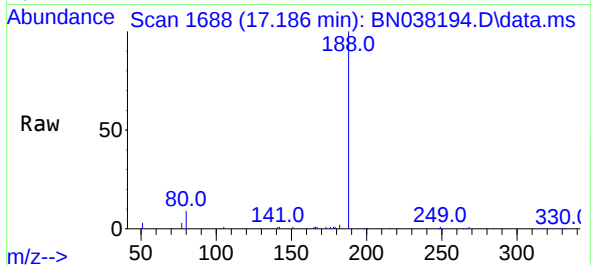




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

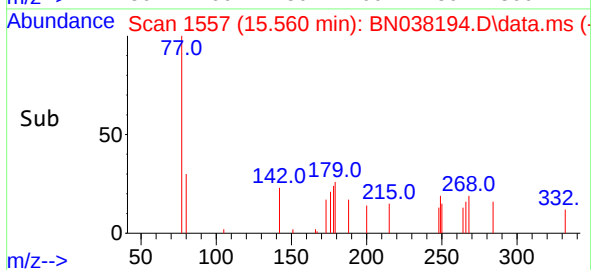
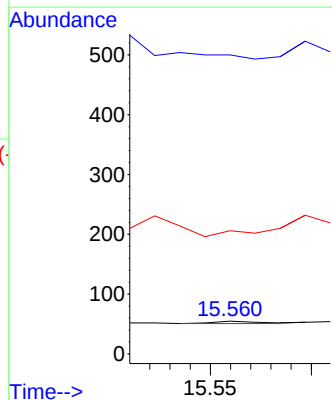
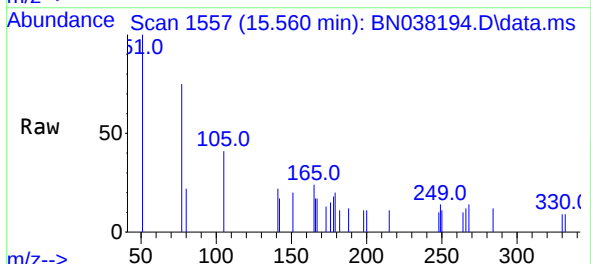
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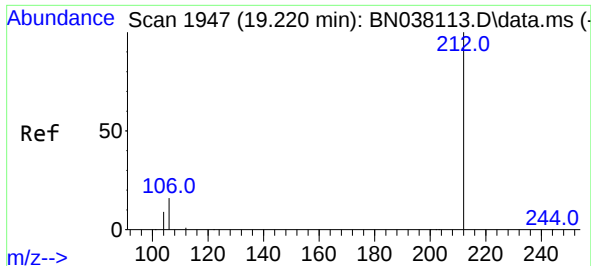
Tgt Ion:188 Resp: 26976
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 909.1 88.9 133.3#
105 374.5 49.2 73.8#

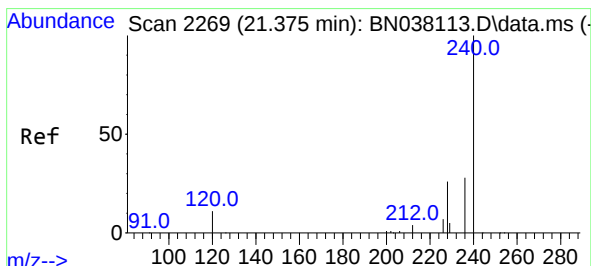
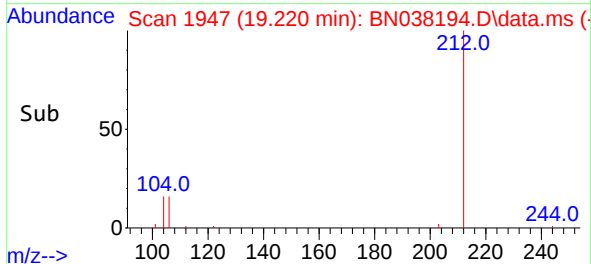
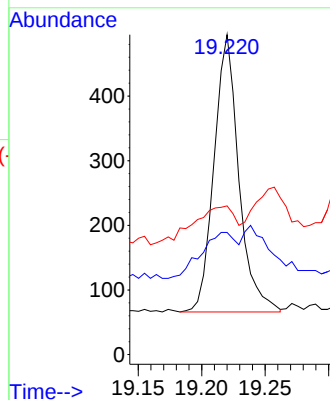
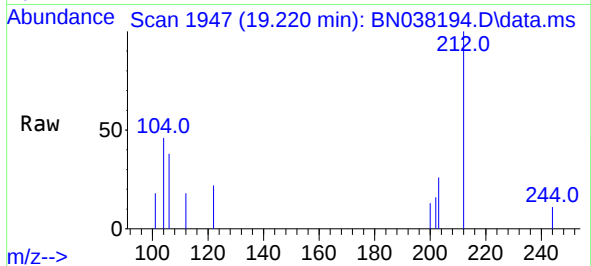




#27
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

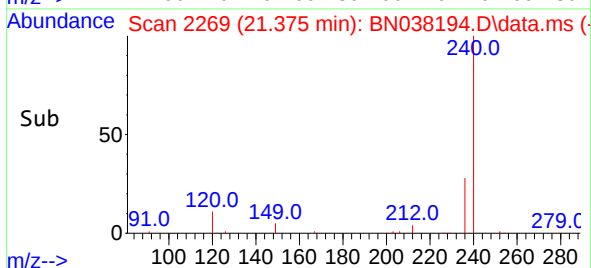
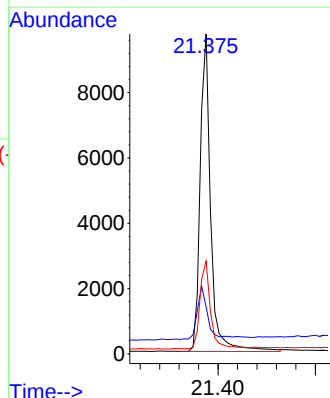
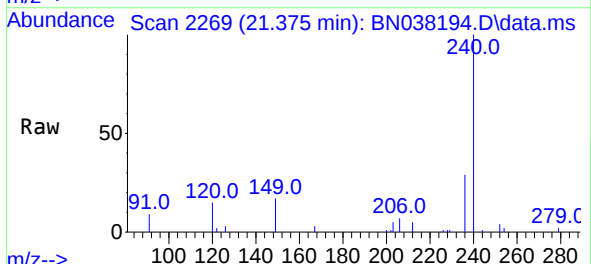
Instrument :
BNA_N
ClientSampleId :
MW-12DL

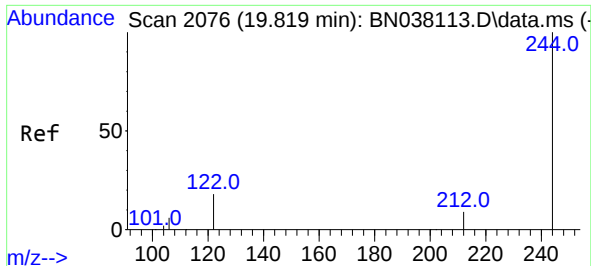
Tgt Ion:212 Resp: 583
Ion Ratio Lower Upper
212 100
106 25.7 12.6 19.0#
104 21.6 7.1 10.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Tgt Ion:240 Resp: 14468
Ion Ratio Lower Upper
240 100
120 14.8 10.7 16.1
236 29.1 23.1 34.7

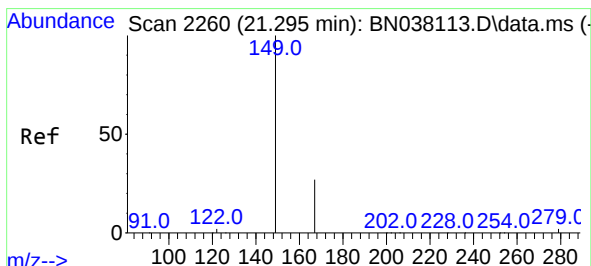
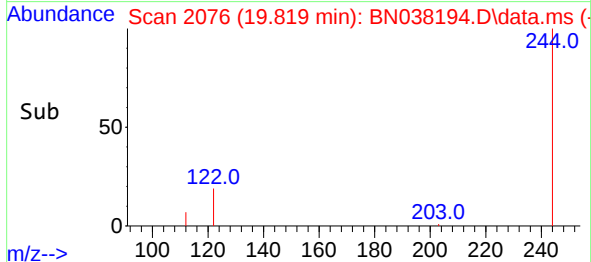
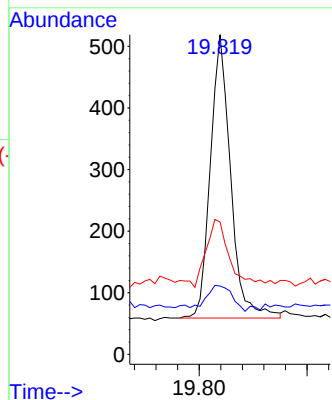
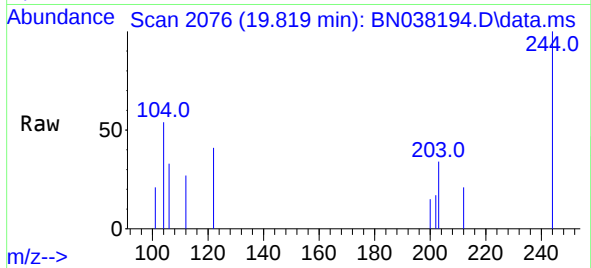




#31
 Terphenyl-d14
 Concen: 0.019 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038113.D
 Acq: 12 Nov 2025 16:11

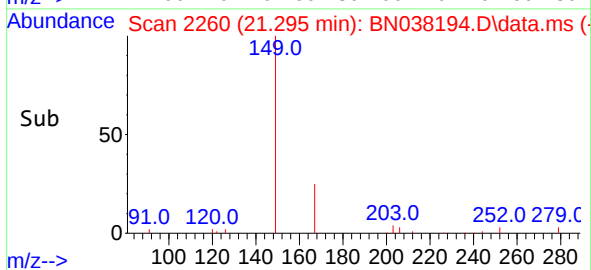
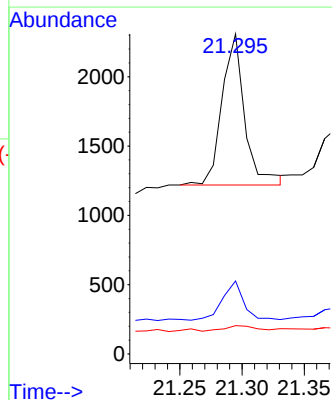
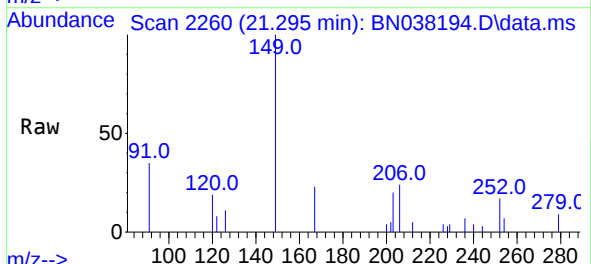
Instrument :
 BNA_N
 ClientSampleId :
 MW-12DL

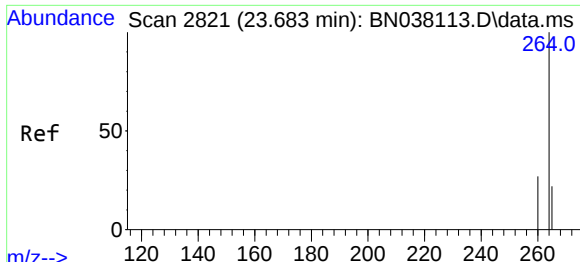
Tgt Ion:244	Resp:	600
Ion	Ratio	Lower Upper
244	100	
212	21.4	7.8 11.6#
122	41.4	15.2 22.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038113.D
 Acq: 12 Nov 2025 16:11

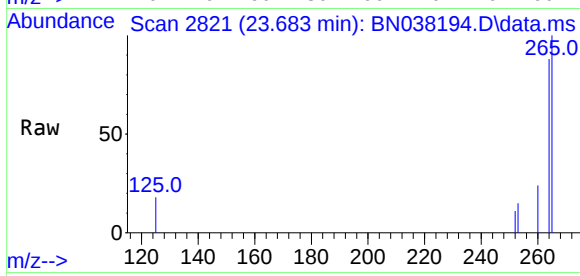
Tgt Ion:149	Resp:	1389
Ion	Ratio	Lower Upper
149	100	
167	22.8	21.1 31.7
279	5.1	2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN038194.D
Acq: 12 Nov 2025 16:11

Instrument :
BNA_N
ClientSampleId :
MW-12DL



Tgt Ion:264 Resp: 13395

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	114.1	68.6	102.8

