

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038292.D
 Acq On : 06 Dec 2025 02:45
 Operator : RC/JU
 Sample : Q3756-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

Quant Time: Dec 06 03:23:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

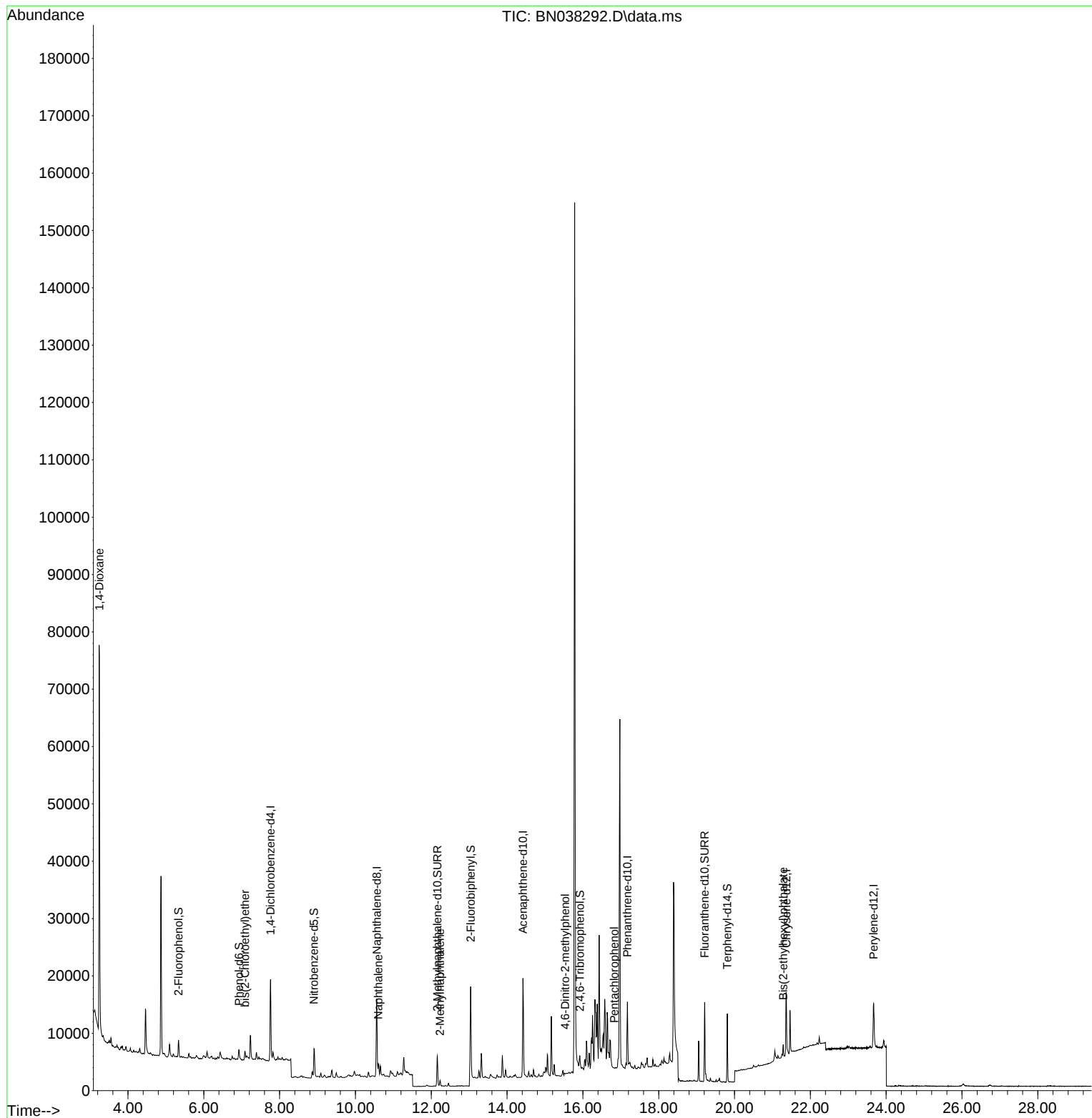
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	6614	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	18511	0.400	ng	-0.01
13) Acenaphthene-d10	14.420	164	9412	0.400	ng	-0.01
19) Phenanthrene-d10	17.173	188	15199	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	11302	0.400	ng	# 0.00
35) Perylene-d12	23.668	264	11529	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2324	0.150	ng	0.00
5) Phenol-d6	6.930	99	1715	0.089	ng	0.00
8) Nitrobenzene-d5	8.907	82	4814	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.161	152	7493	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1370	0.463	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	12474	0.343	ng	-0.01
27) Fluoranthene-d10	19.211	212	14055	0.426	ng	0.00
31) Terphenyl-d14	19.810	244	10834	0.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	41238	5.919	ng	98
6) bis(2-Chloroethyl)ether	7.089	93	2243	0.121	ng	# 28
9) Naphthalene	10.605	128	2979	0.058	ng	# 91
12) 2-Methylnaphthalene	12.232	142	719	0.021	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.535	198	18	0.184	ng	# 1
24) Pentachlorophenol	16.826	266	149	0.042	ng	91
34) Bis(2-ethylhexyl)phtha...	21.286	149	2038	0.097	ng	# 98

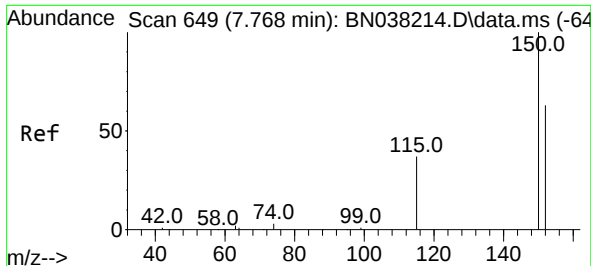
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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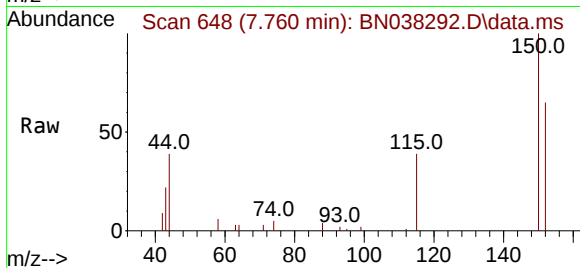
Quant Time: Dec 06 03:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
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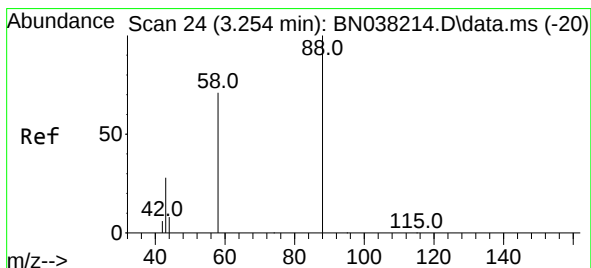
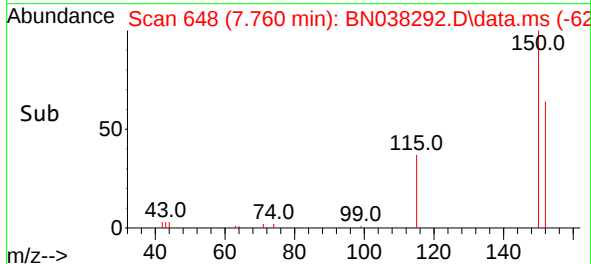
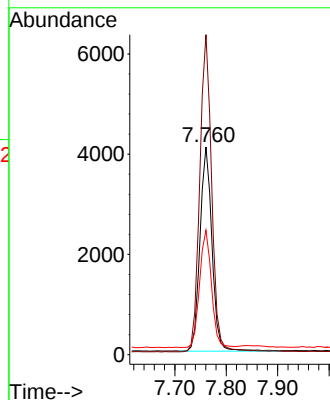


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.760 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

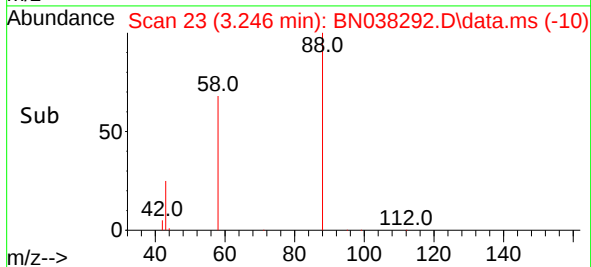
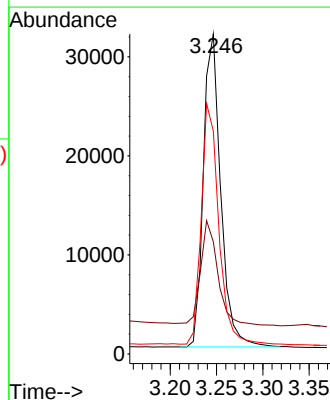
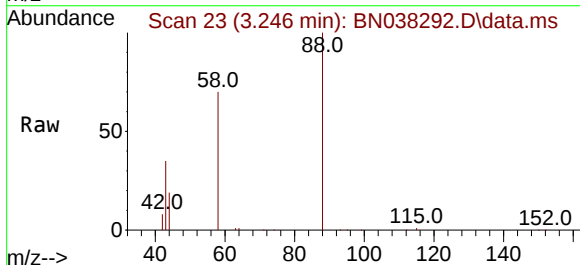


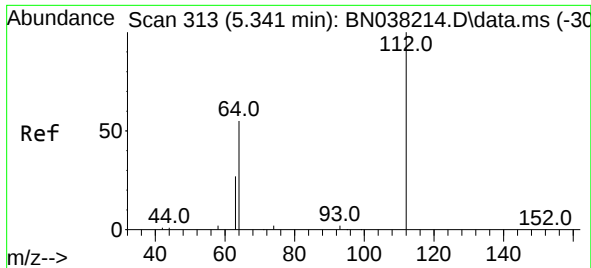
Tgt Ion:152 Resp: 6614
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.3 187.9
 115 60.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 5.919 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Tgt Ion: 88 Resp: 41238
 Ion Ratio Lower Upper
 88 100
 43 34.4 24.8 37.2
 58 77.0 61.1 91.7

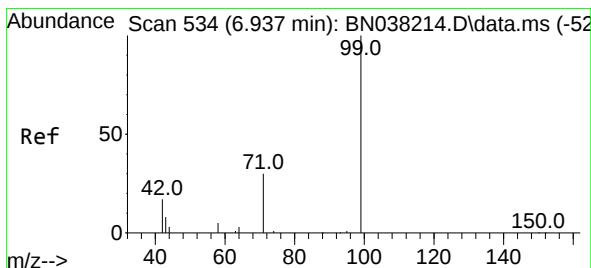
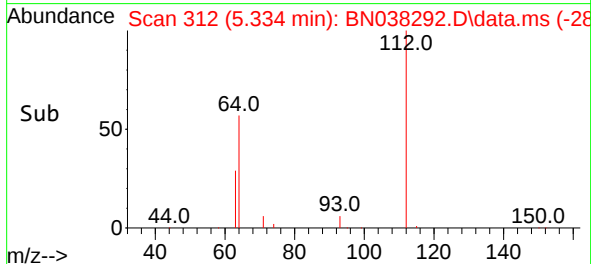
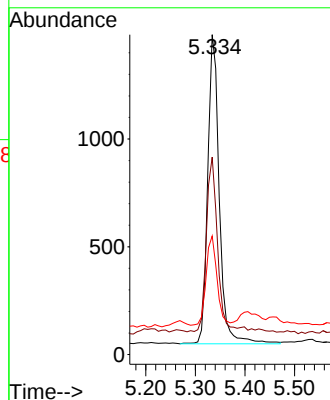
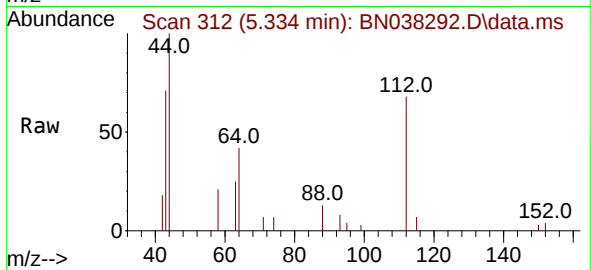




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.334 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

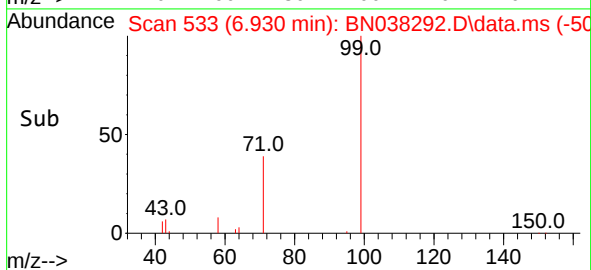
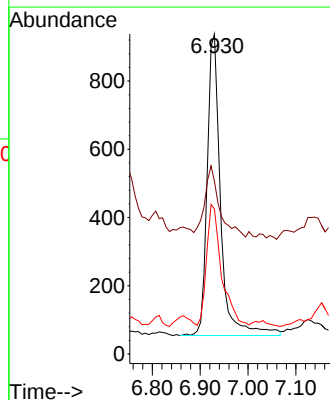
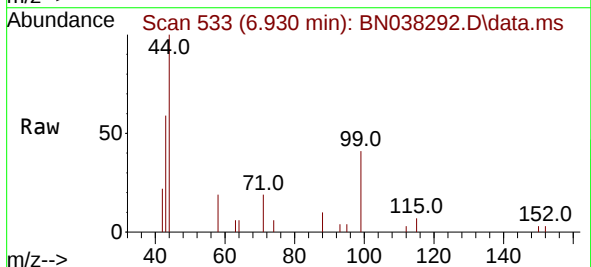
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

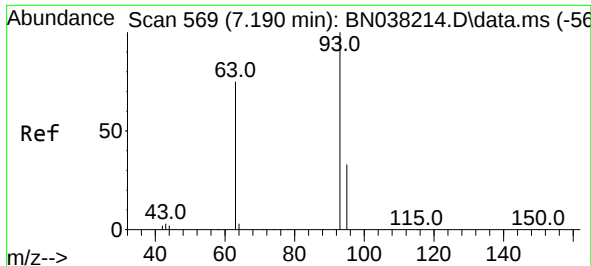
Tgt Ion:112 Resp: 2324
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 27.5 23.2 34.8



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

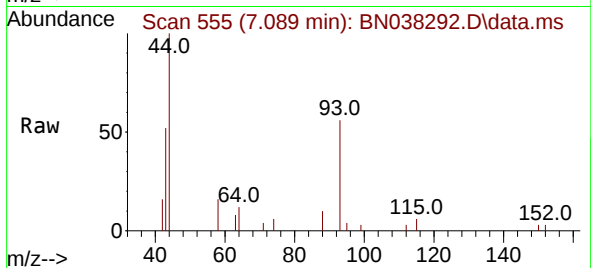
Tgt Ion: 99 Resp: 1715
Ion Ratio Lower Upper
99 100
42 25.8 17.0 25.6#
71 44.8 25.4 38.2#



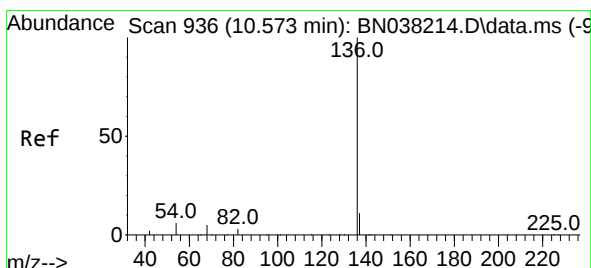
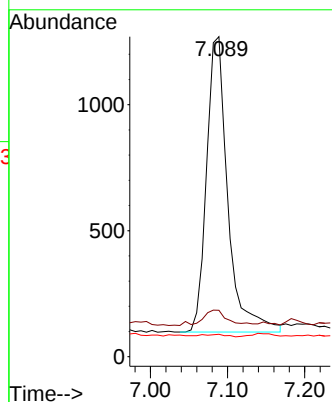
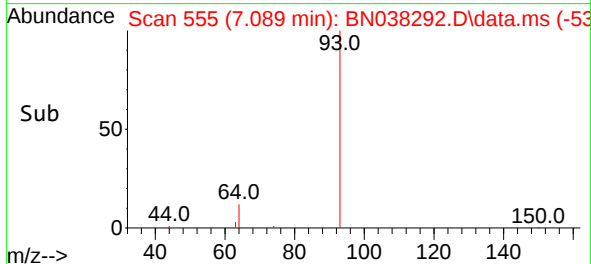


#6
bis(2-Chloroethyl)ether
Concen: 0.121 ng
RT: 7.089 min Scan# 511
Delta R.T. -0.101 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

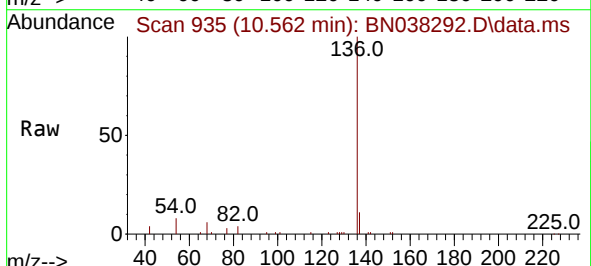
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225



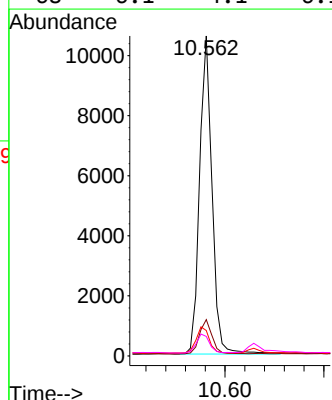
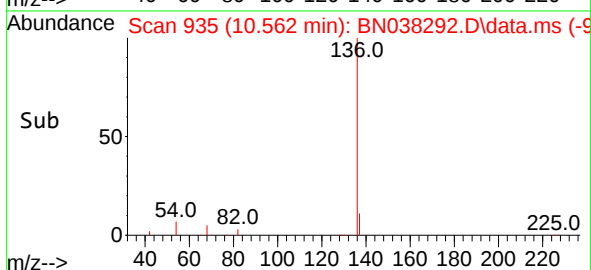
Tgt Ion: 93 Resp: 2243
Ion Ratio Lower Upper
93 100
63 6.0 58.1 87.1#
95 0.8 25.1 37.7#

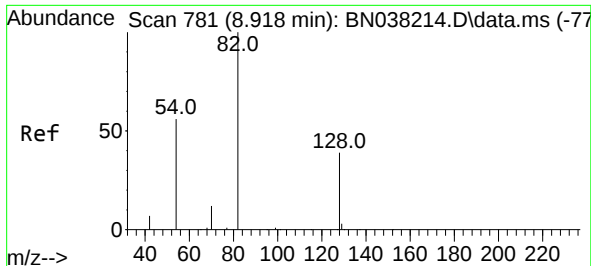


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45



Tgt Ion: 136 Resp: 18511
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.0 5.4 8.0
68 6.1 4.1 6.1

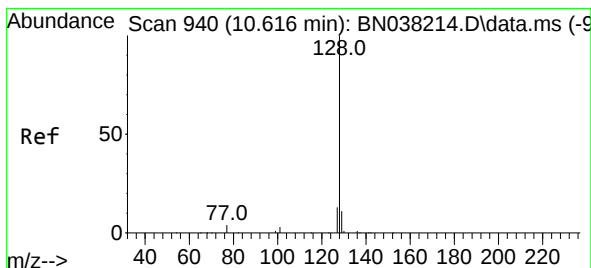
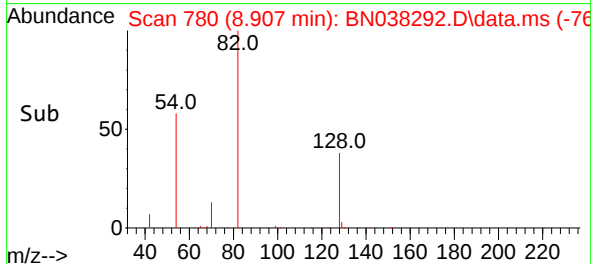
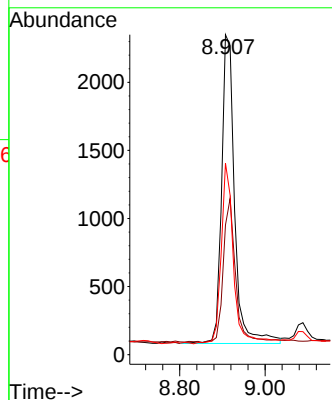
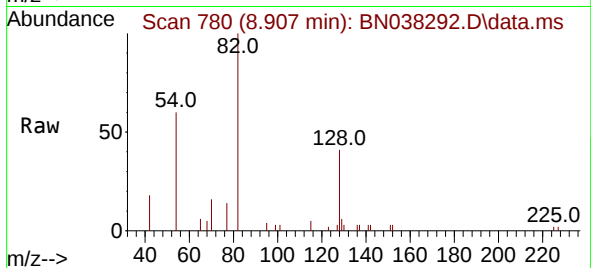




#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.907 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

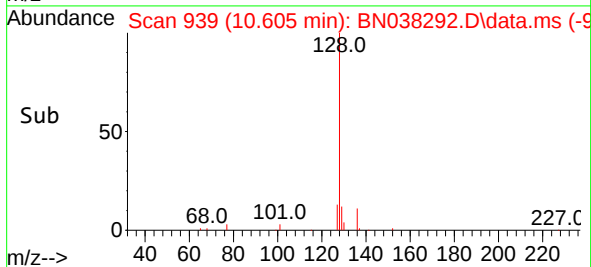
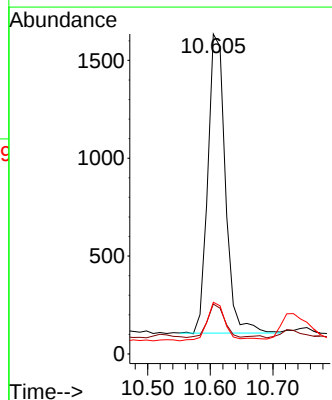
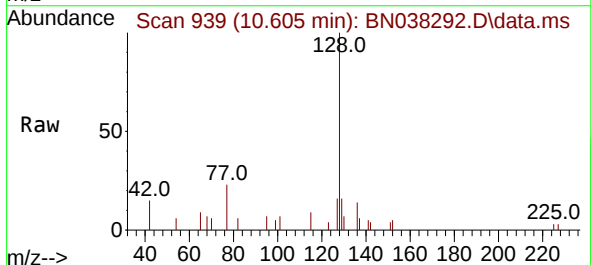
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ClientSampleId :
BR-01-190-120225

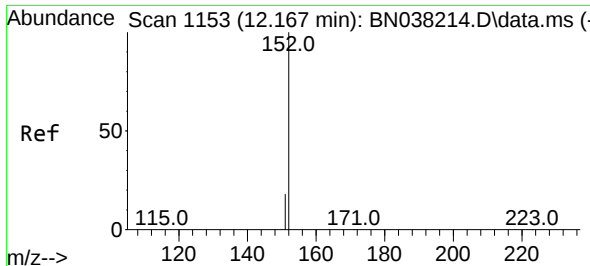
Tgt Ion: 82 Resp: 4814
Ion Ratio Lower Upper
82 100
128 40.6 32.6 48.8
54 59.8 45.4 68.0



#9
Naphthalene
Concen: 0.058 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion: 128 Resp: 2979
Ion Ratio Lower Upper
128 100
129 15.6 9.1 13.7#
127 16.1 10.6 16.0#

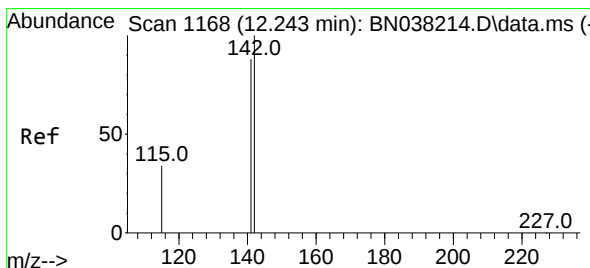
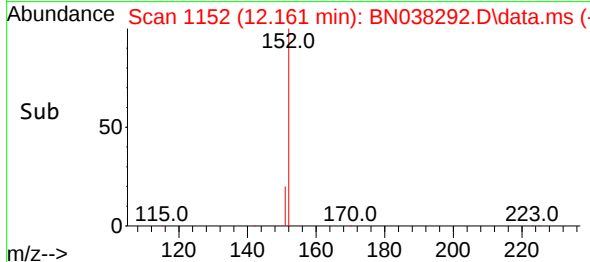
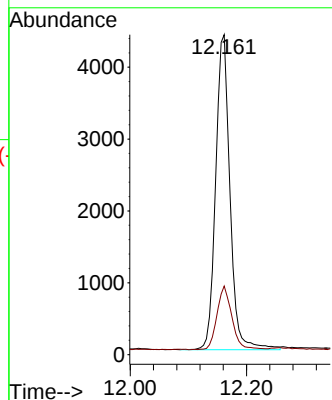
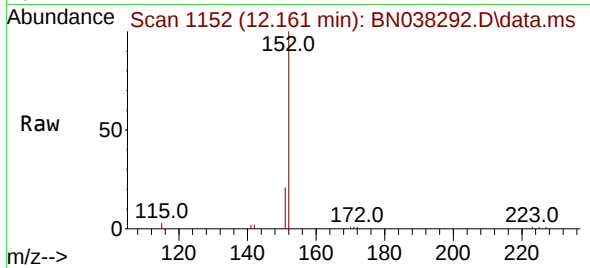




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

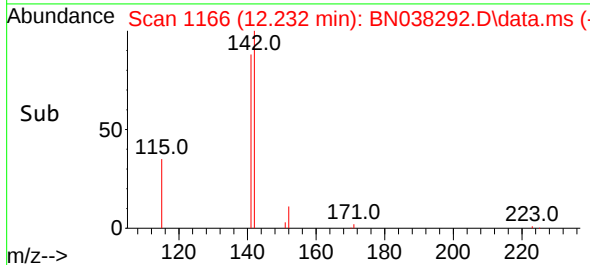
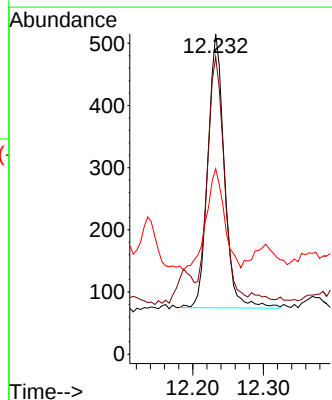
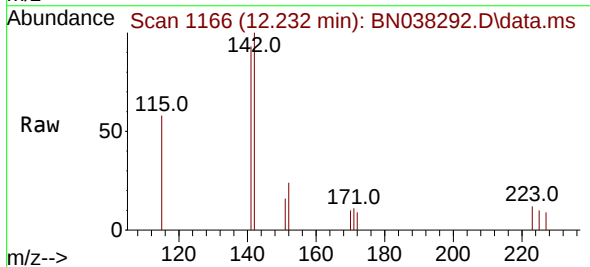
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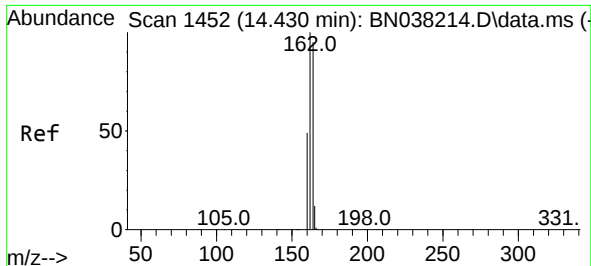
Tgt Ion:152 Resp: 7493
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
141 92.8 70.9 106.3
115 57.9 27.7 41.5#

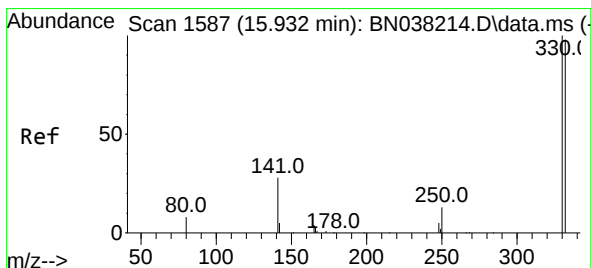
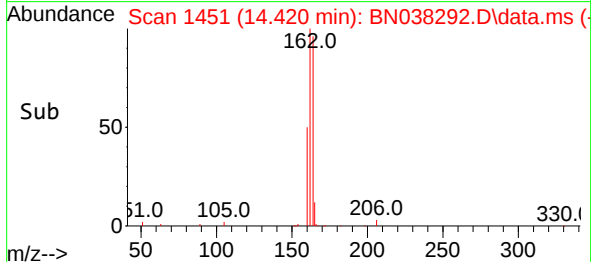
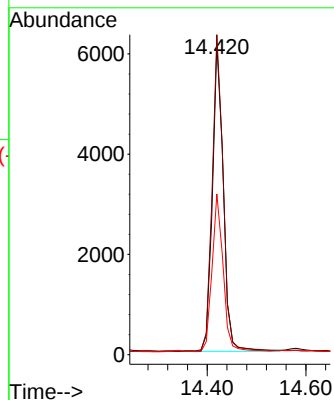
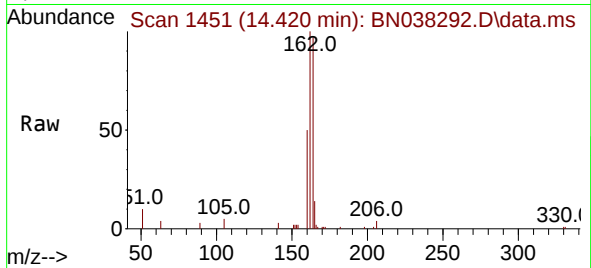




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.420 min Scan# 14
 Delta R.T. -0.011 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

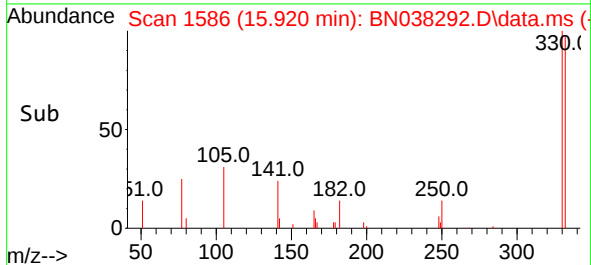
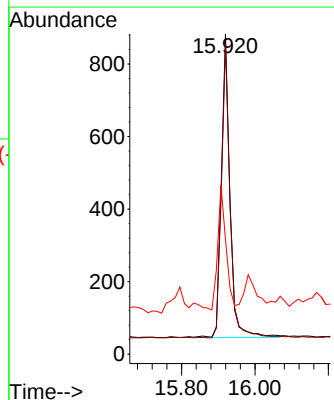
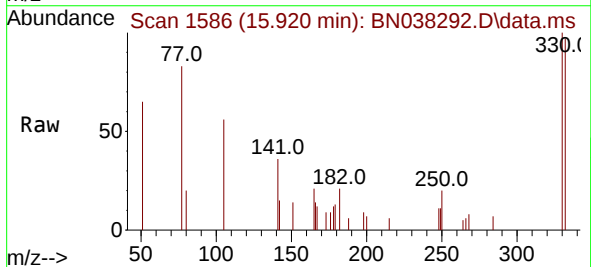
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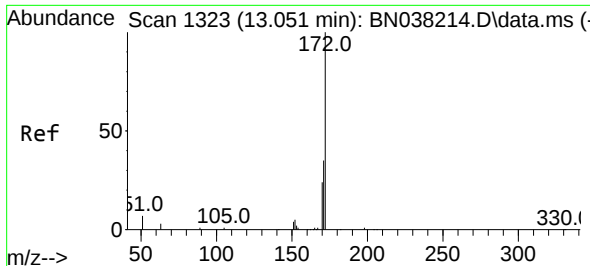
Tgt Ion:164 Resp: 9412
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.8 125.8
 160 51.7 41.6 62.4



#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 15.920 min Scan# 1586
 Delta R.T. -0.012 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

Tgt Ion:330 Resp: 1370
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.8 116.6
 141 37.7 33.0 49.4

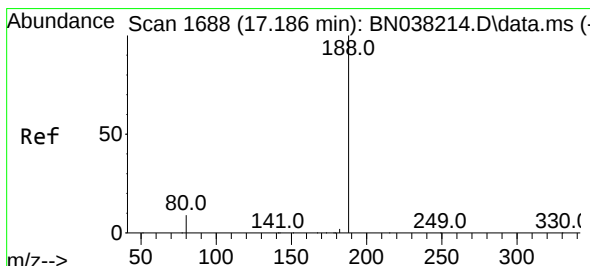
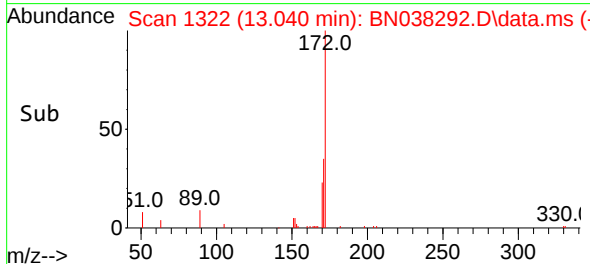
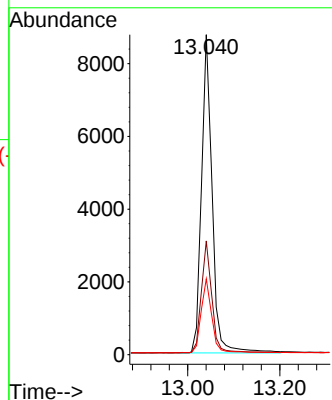
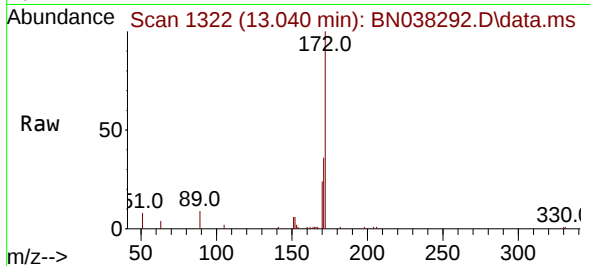




#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.040 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

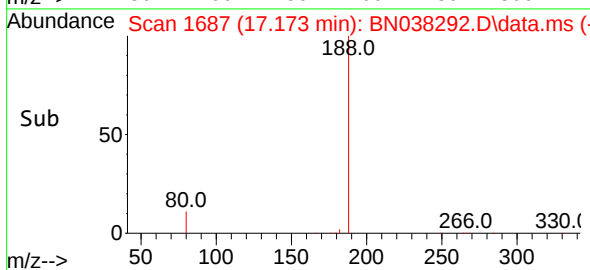
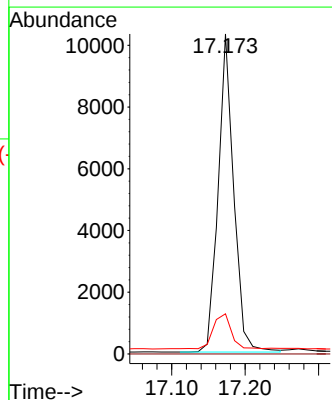
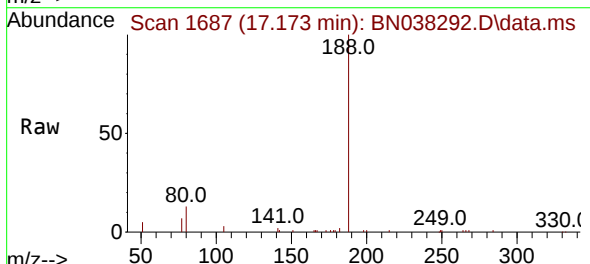
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

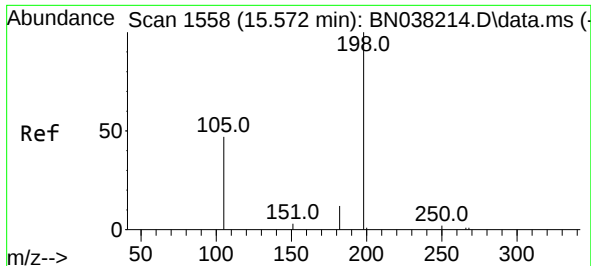
Tgt Ion:	172	Resp:	12474
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.1	42.1
170	23.7	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:	188	Resp:	15199
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.5	7.7	11.5

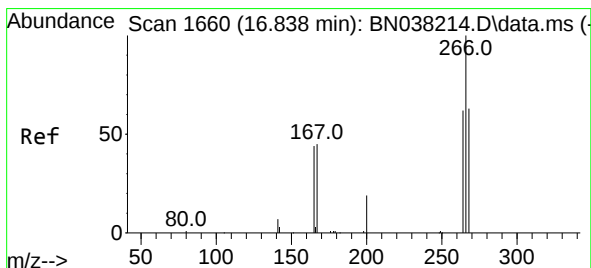
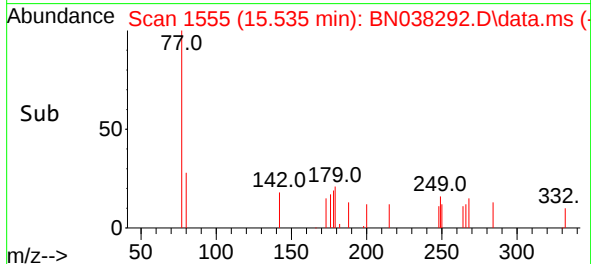
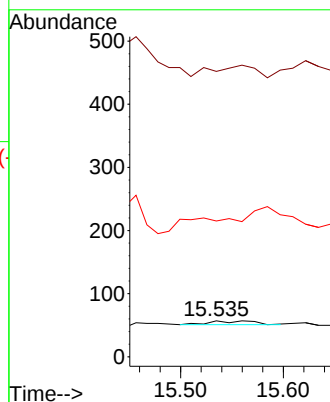
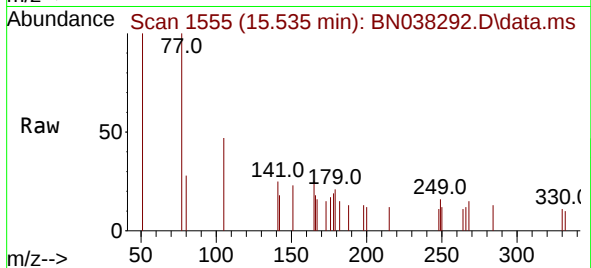




#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.535 min Scan# 11
Delta R.T. -0.037 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

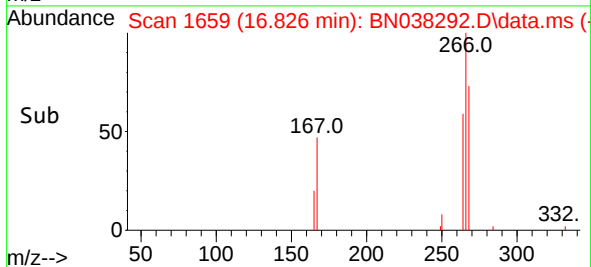
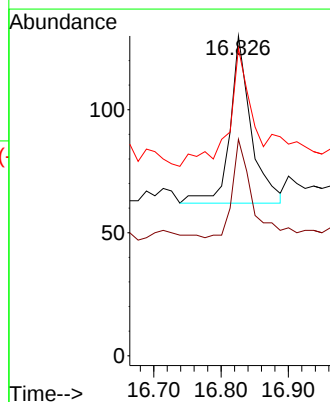
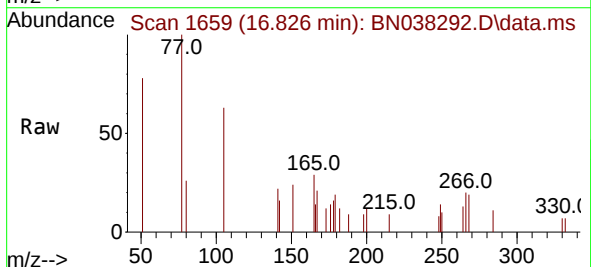
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

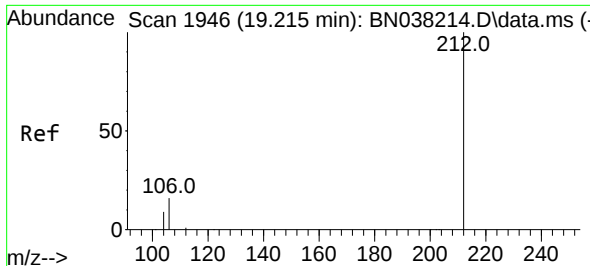
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 793.0 205.1 307.7#
105 377.2 61.6 92.4#



#24
Pentachlorophenol
Concen: 0.042 ng
RT: 16.826 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:266 Resp: 149
Ion Ratio Lower Upper
266 100
264 57.0 48.9 73.3
268 73.2 50.2 75.2

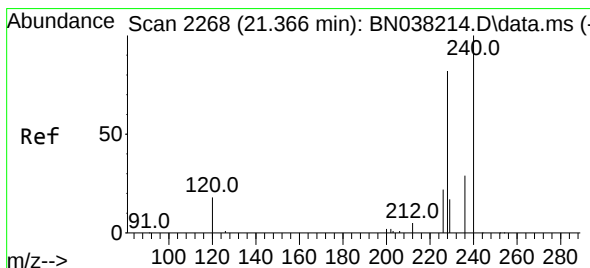
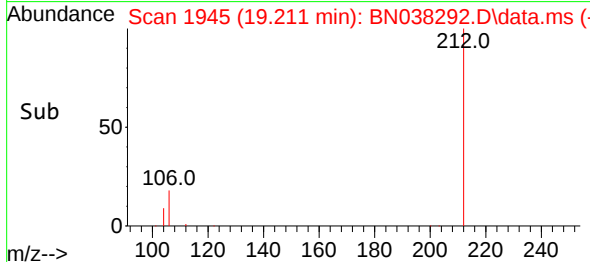
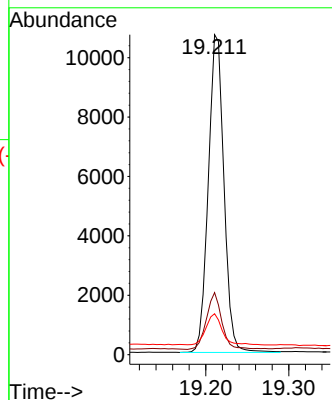
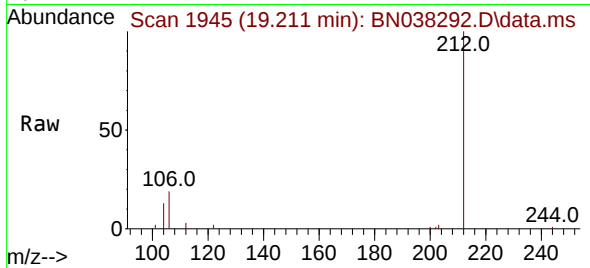




#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

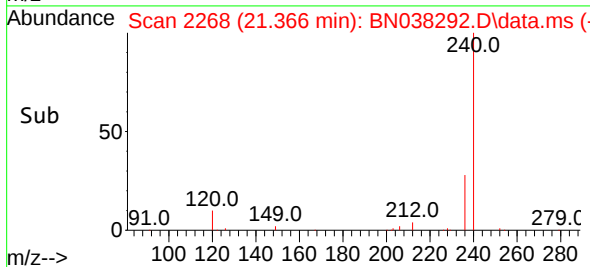
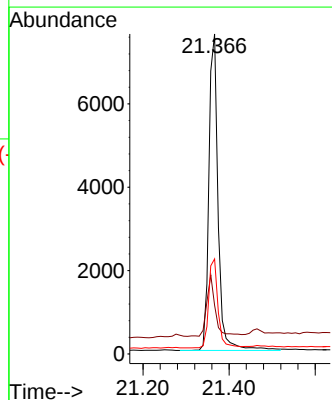
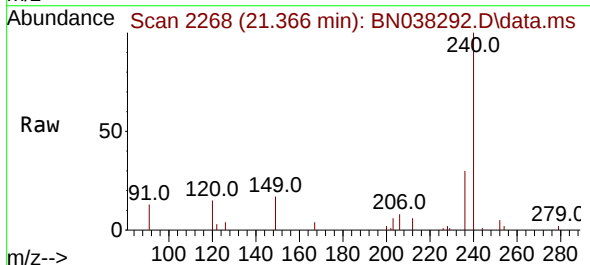
Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225

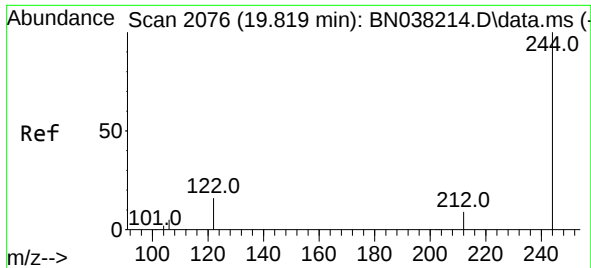
Tgt Ion:212 Resp: 14055
Ion Ratio Lower Upper
212 100
106 17.4 12.7 19.1
104 10.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Tgt Ion:240 Resp: 11302
Ion Ratio Lower Upper
240 100
120 15.2 18.1 27.1#
236 29.7 24.2 36.4

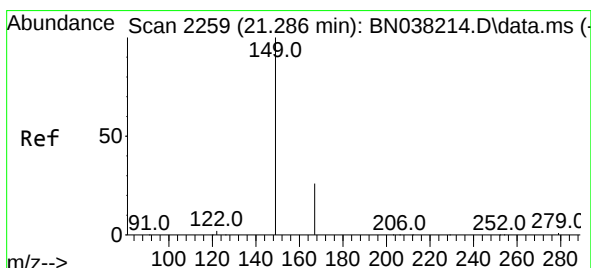
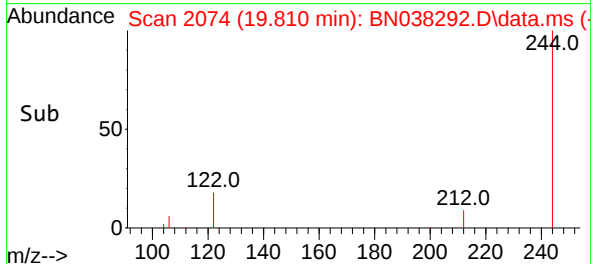
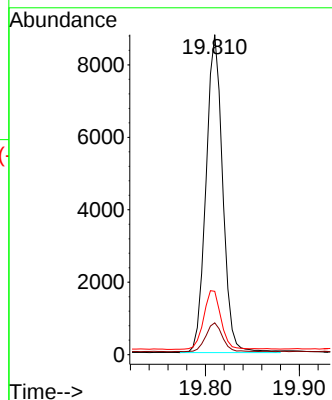
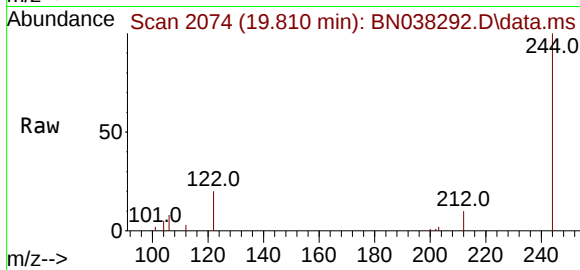




#31
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.810 min Scan# 2074
 Delta R.T. -0.009 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

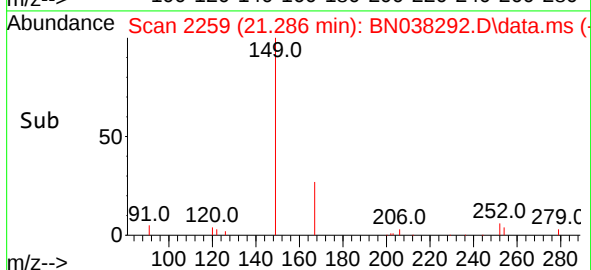
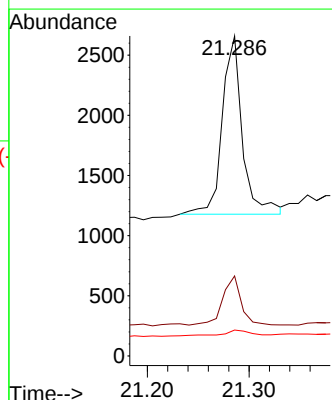
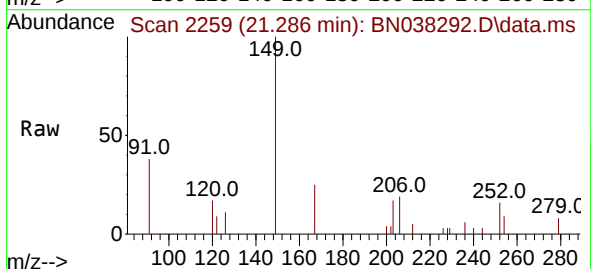
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-190-120225

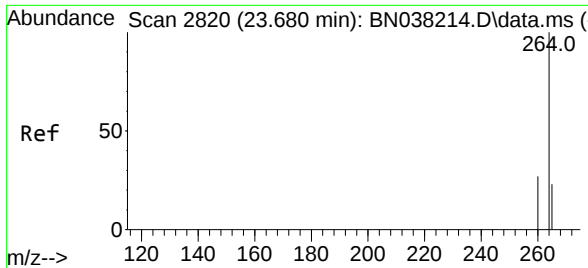
Tgt Ion:244 Resp: 10834
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.7 11.5
 122 19.8 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.286 min Scan# 2259
 Delta R.T. -0.000 min
 Lab File: BN038292.D
 Acq: 06 Dec 2025 02:45

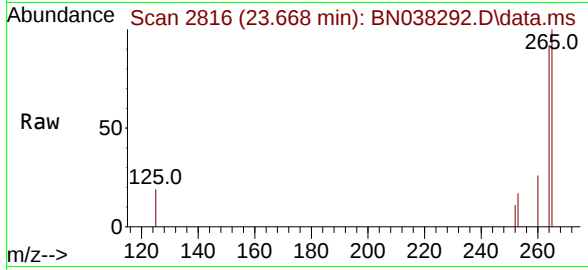
Tgt Ion:149 Resp: 2038
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.7 31.1
 279 4.3 2.5 3.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.668 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN038292.D
Acq: 06 Dec 2025 02:45

Instrument :
BNA_N
ClientSampleId :
BR-01-190-120225



Tgt Ion:264 Resp: 11529

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.7	32.5
265	108.1	98.0	147.0

