

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112725\
 Data File : BN038220.D
 Acq On : 27 Nov 2025 02:01
 Operator : RC/JU
 Sample : PB170483BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BL

Quant Time: Nov 28 20:56:55 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 20:22:09 2025
 Response via : Initial Calibration

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

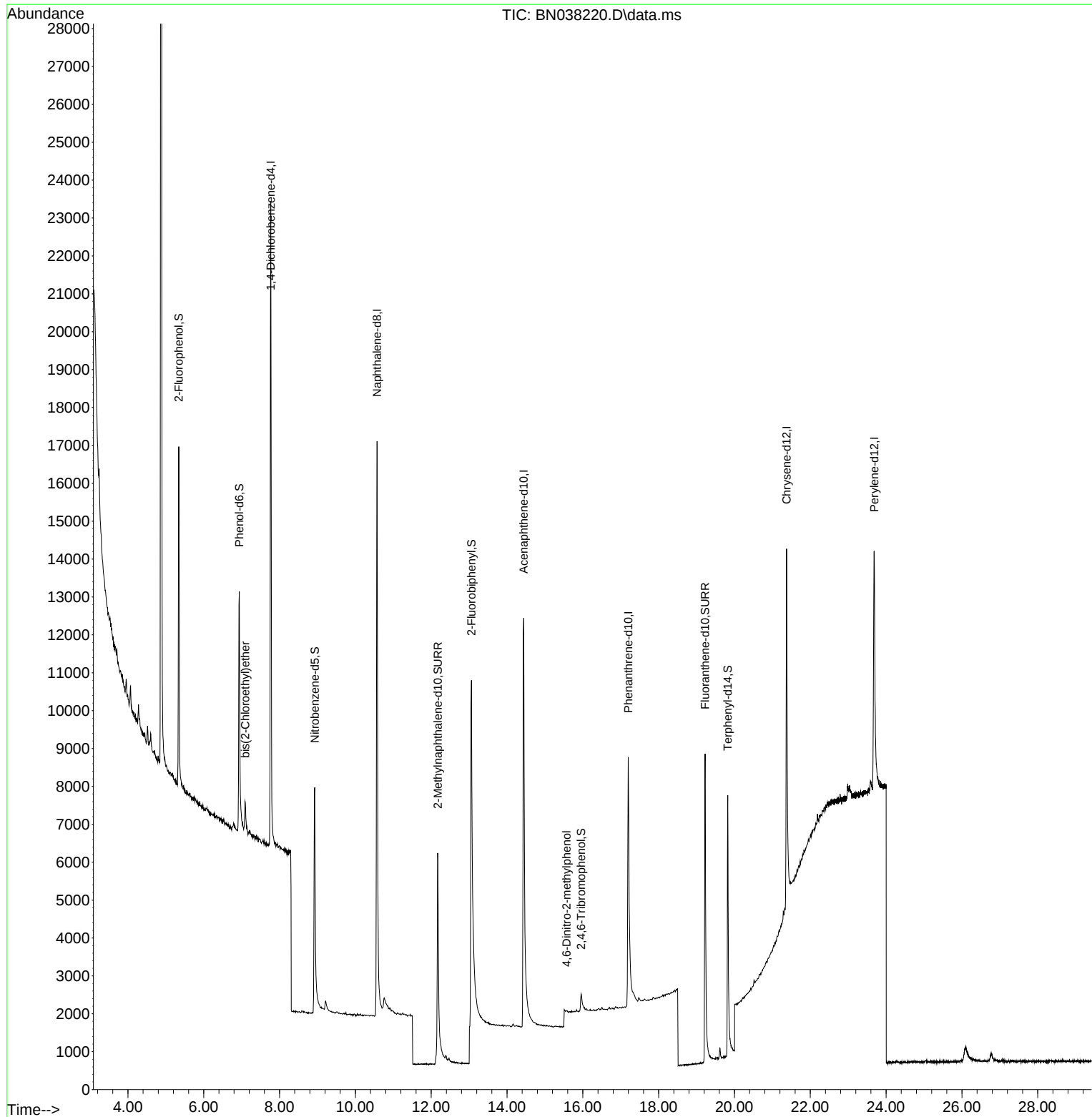
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9108	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24675	0.400	ng	0.00
13) Acenaphthene-d10	14.441	164	11188	0.400	ng	0.01
19) Phenanthrene-d10	17.198	188	15955	0.400	ng	# 0.01
29) Chrysene-d12	21.375	240	12500	0.400	ng	0.00
35) Perylene-d12	23.686	264	12421	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	7644	0.359	ng	0.00
5) Phenol-d6	6.937	99	8081	0.304	ng	0.00
8) Nitrobenzene-d5	8.929	82	7046	0.357	ng	0.01
11) 2-Methylnaphthalene-d10	12.172	152	12603	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	592	0.168	ng	0.02
15) 2-Fluorobiphenyl	13.062	172	16918	0.391	ng	0.01
27) Fluoranthene-d10	19.225	212	13349	0.386	ng	0.00
31) Terphenyl-d14	19.824	244	10285	0.356	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.096	93	1356	0.053	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.572	198	3	0.102	ng	# 1

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

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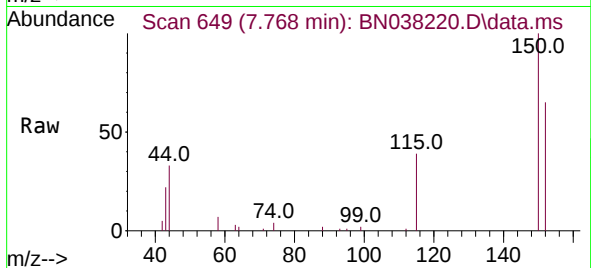
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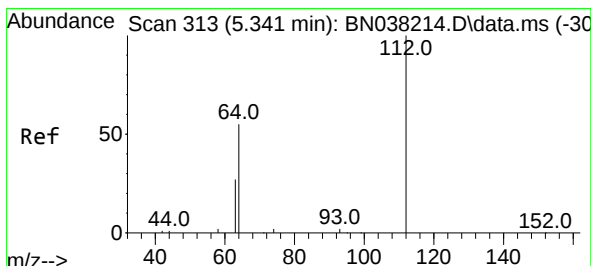
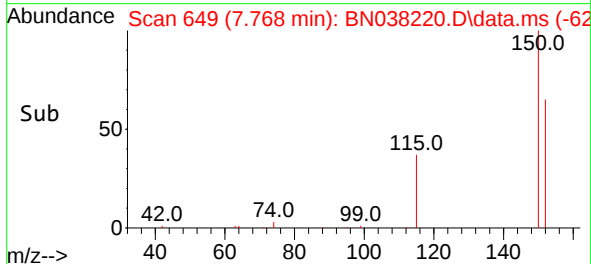
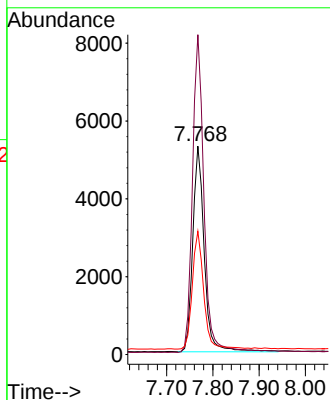
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 649
 Delta R.T. -0.000 min
 Lab File: BN038220.D
 Acq: 27 Nov 2025 02:01

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 9108

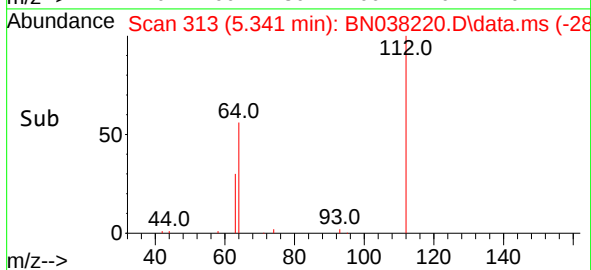
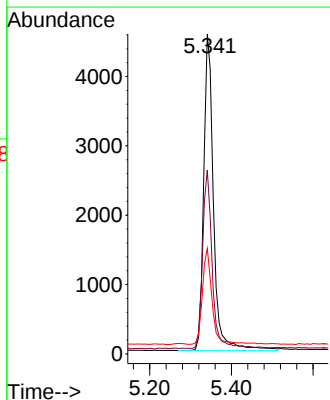
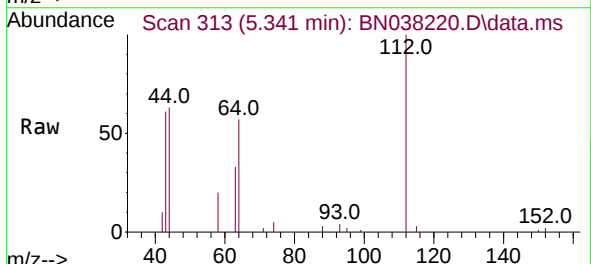
Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.3	187.9
115	59.2	49.0	73.4

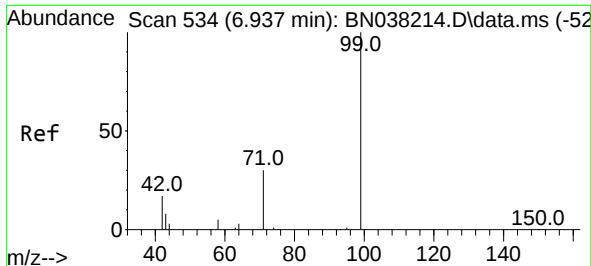


#4
 2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.341 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: BN038220.D
 Acq: 27 Nov 2025 02:01

Tgt Ion:112 Resp: 7644

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.0	67.4
63	30.1	23.2	34.8

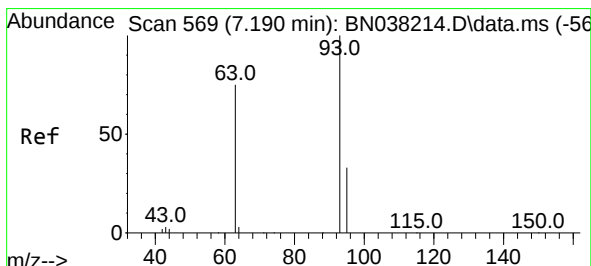
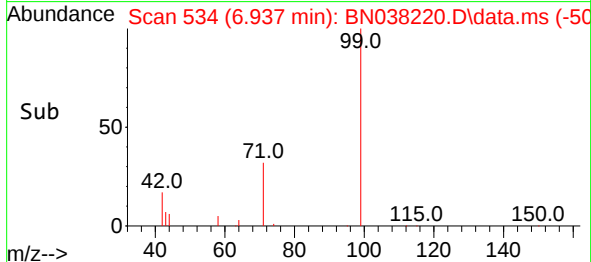
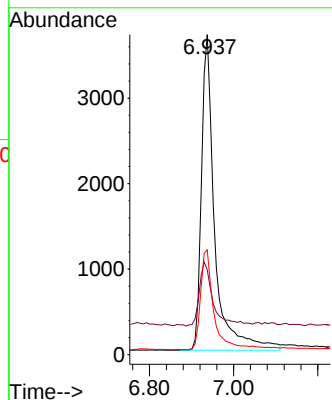
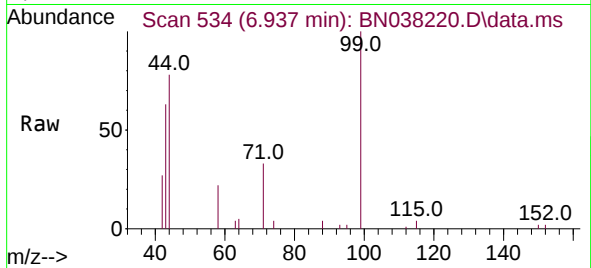




#5
Phenol-d6
Concen: 0.304 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

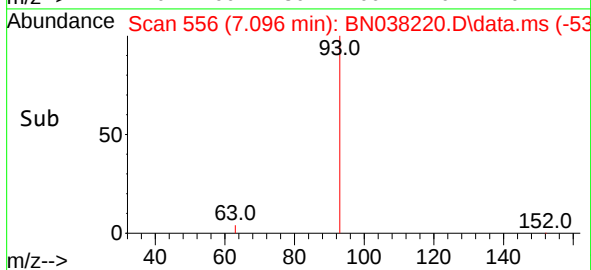
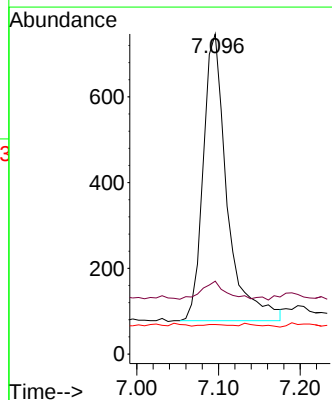
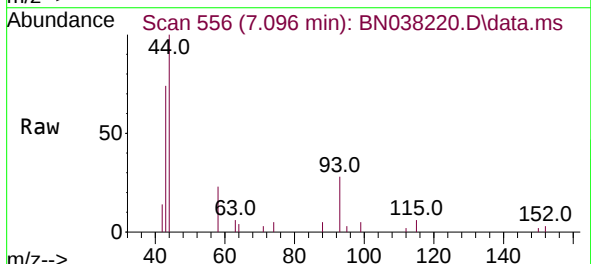
Instrument :
BNA_N
ClientSampleId :
PB170483BL

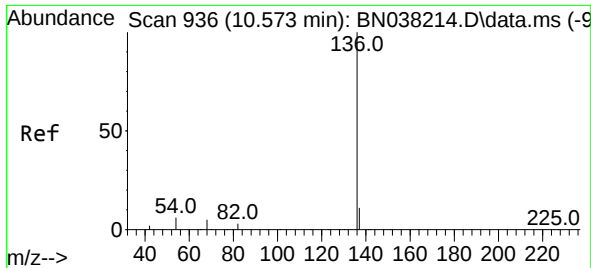
Tgt Ion:	99	Resp:	8081
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	32.5	25.4	38.2



#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 7.096 min Scan# 556
Delta R.T. -0.094 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

Tgt Ion:	93	Resp:	1356
Ion	Ratio	Lower	Upper
93	100		
63	6.0	58.1	87.1#
95	0.5	25.1	37.7#

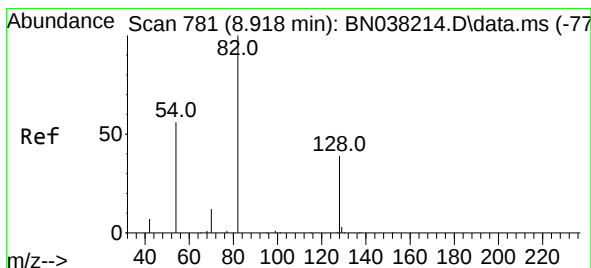
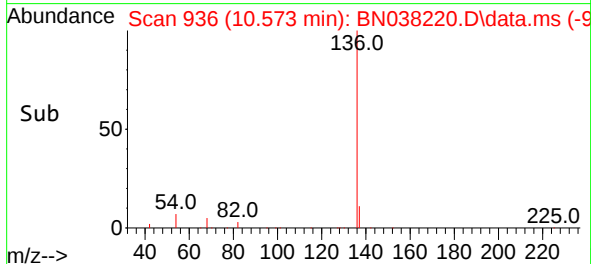
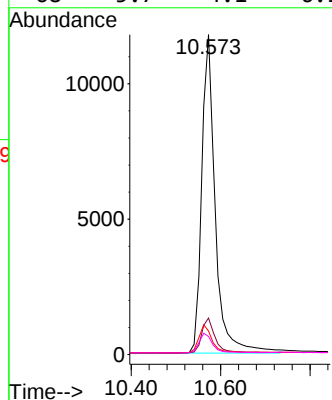
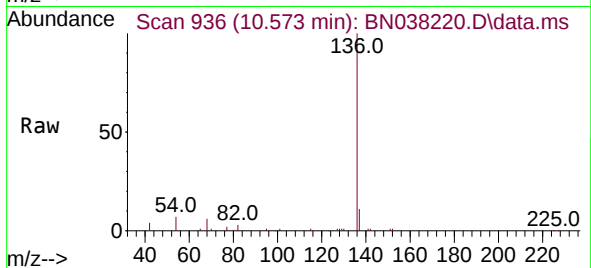




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

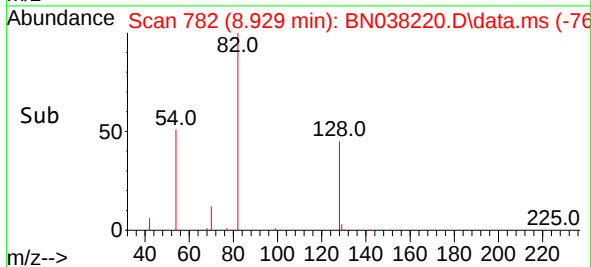
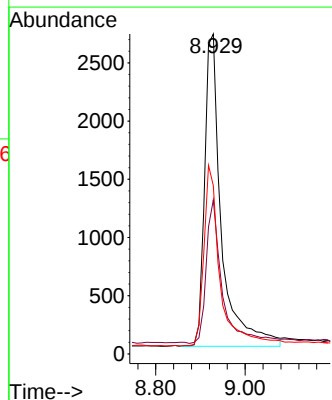
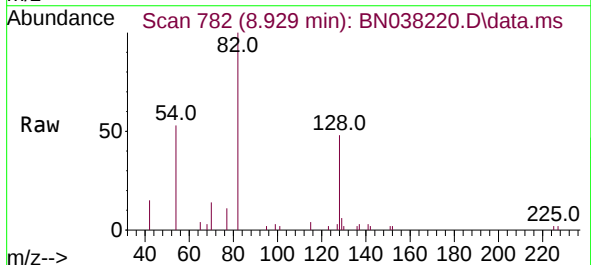
Instrument :
BNA_N
ClientSampleId :
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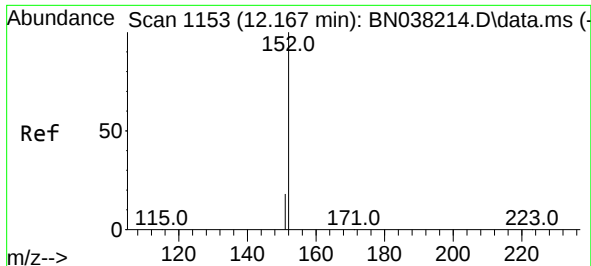
Tgt Ion:	136	Resp:	24675
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	7.4	5.4	8.0
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.011 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

Tgt Ion:	82	Resp:	7046
Ion Ratio	Lower	Upper	
82	100		
128	48.1	32.6	48.8
54	52.6	45.4	68.0

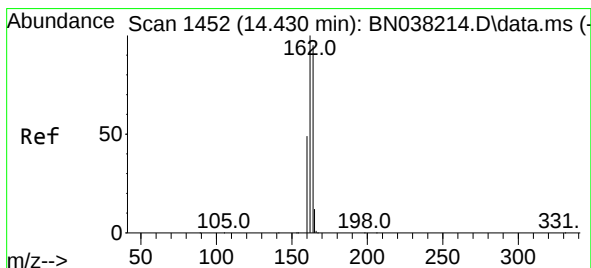
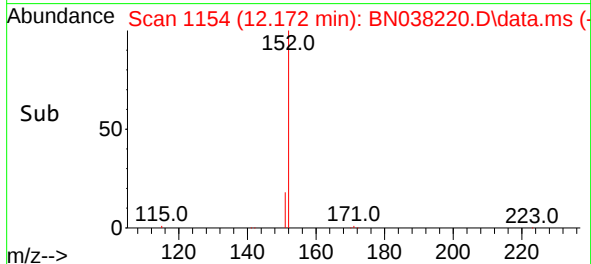
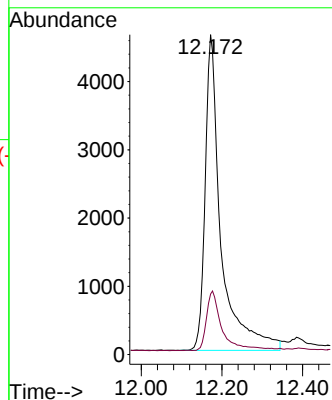
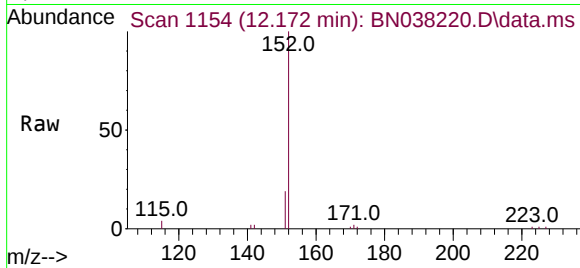




#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.172 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

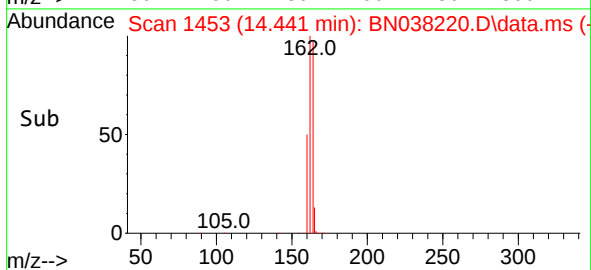
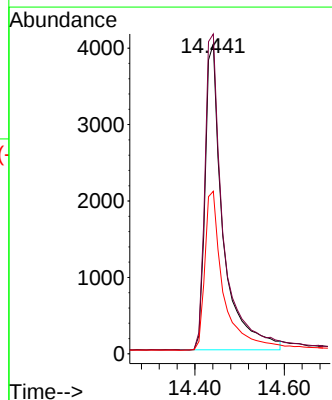
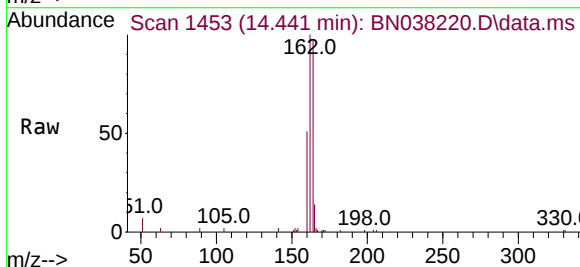
Instrument :
BNA_N
ClientSampleId :
PB170483BL

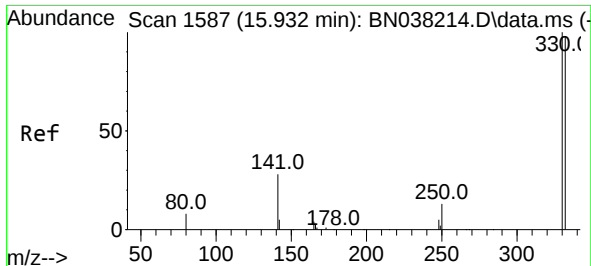
Tgt Ion:152 Resp: 12603
Ion Ratio Lower Upper
152 100
151 18.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

Tgt Ion:164 Resp: 11188
Ion Ratio Lower Upper
164 100
162 103.3 83.8 125.8
160 52.5 41.6 62.4

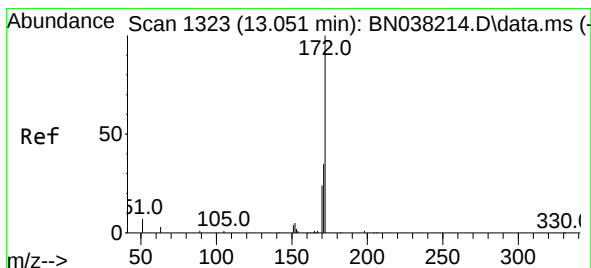
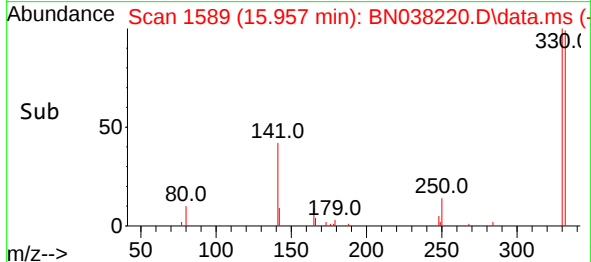
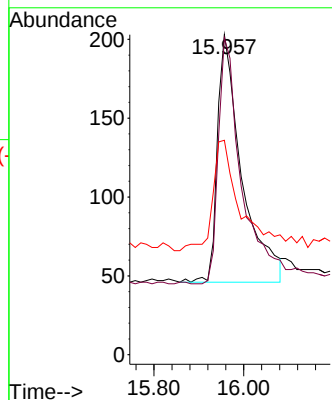
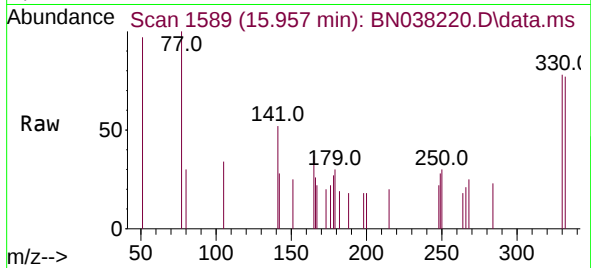




#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.957 min Scan# 1589
Delta R.T. 0.025 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

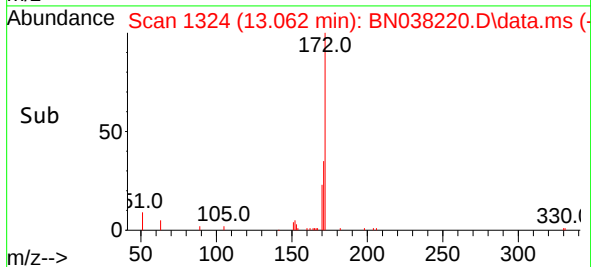
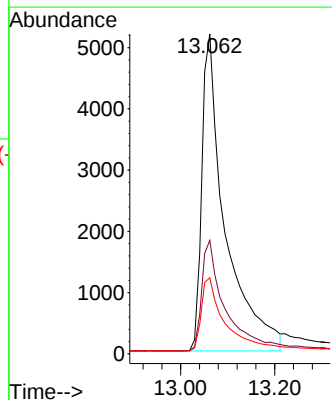
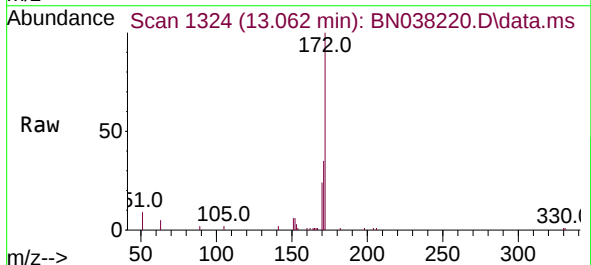
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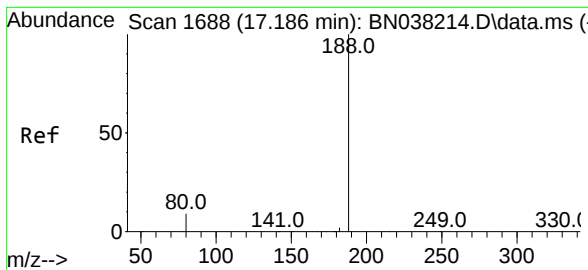
Tgt Ion:330 Resp: 592
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.6
141 50.7 33.0 49.4#



#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

Tgt Ion:172 Resp: 16918
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.8 19.1 28.7

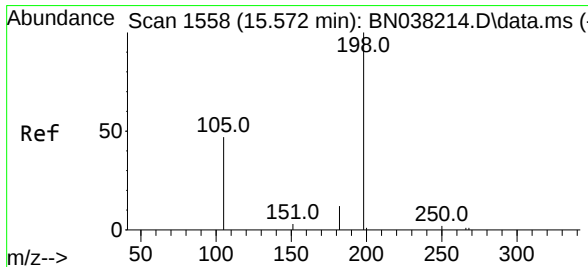
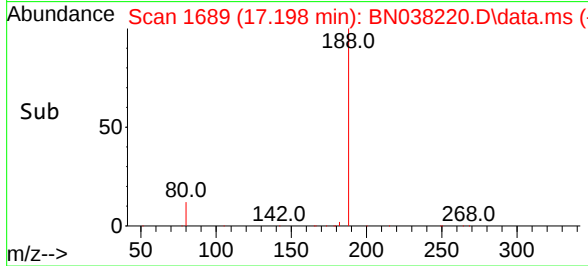
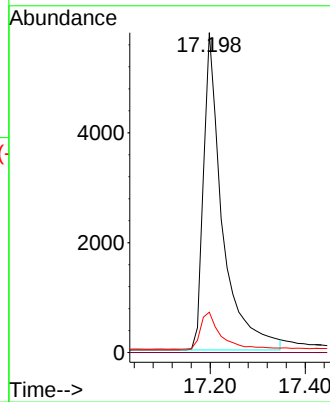
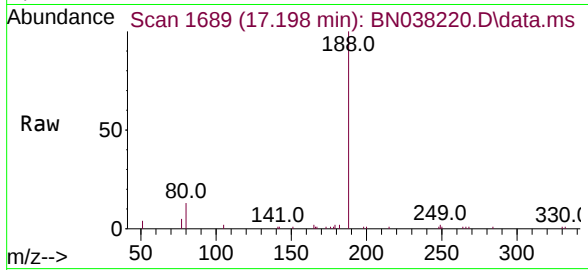




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. 0.012 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

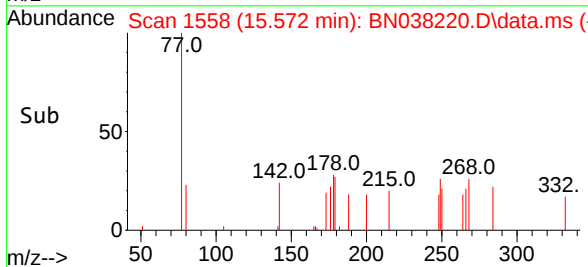
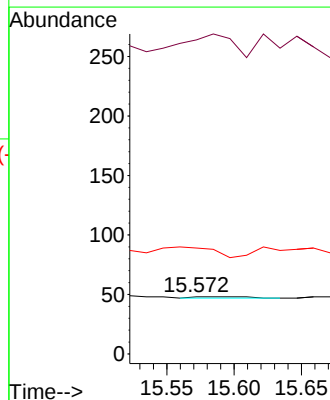
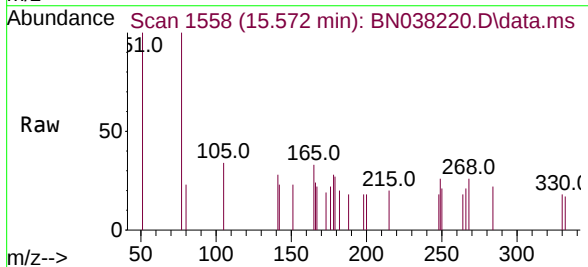
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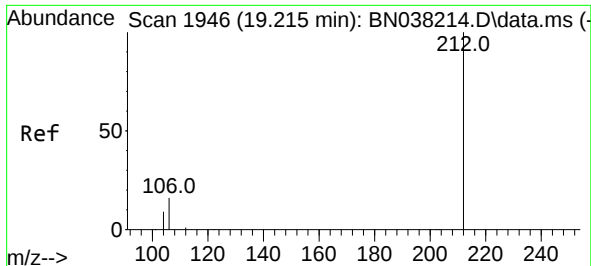
Tgt Ion:188 Resp: 15955
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 7.7 11.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.102 ng
RT: 15.572 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 550.0 205.1 307.7#
105 185.4 61.6 92.4#

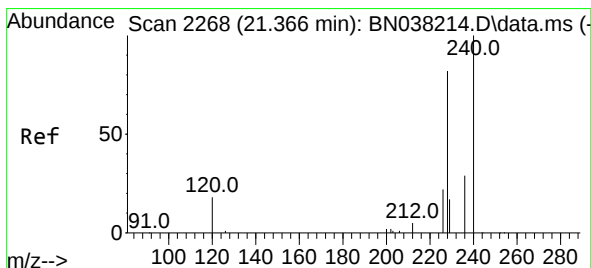
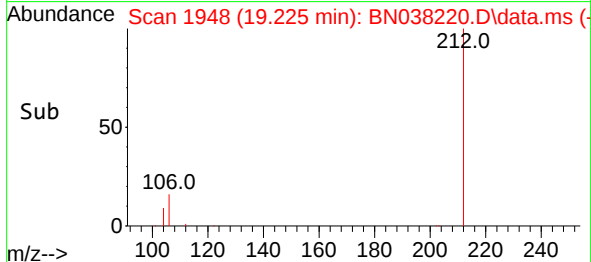
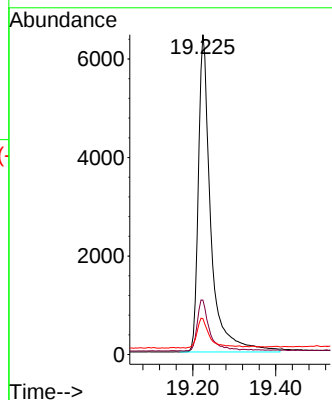
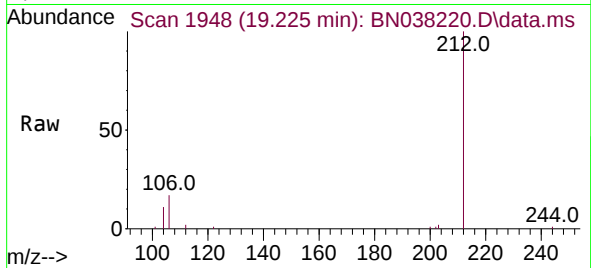




#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.225 min Scan# 1948
Delta R.T. 0.009 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

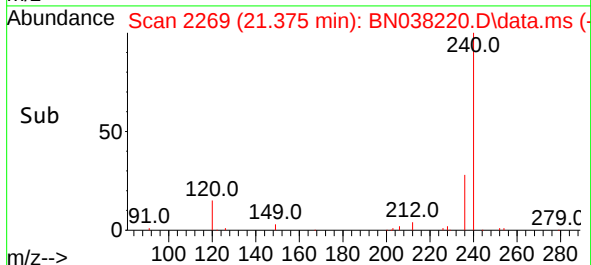
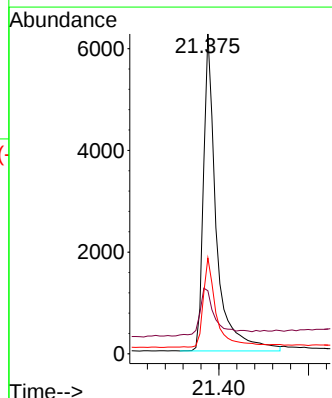
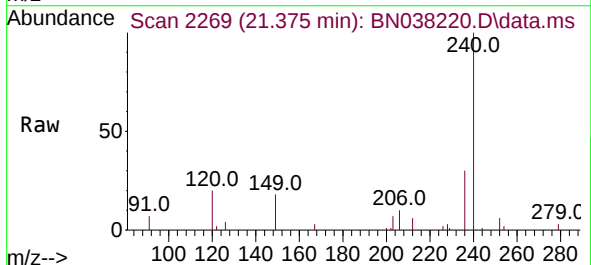
Instrument :
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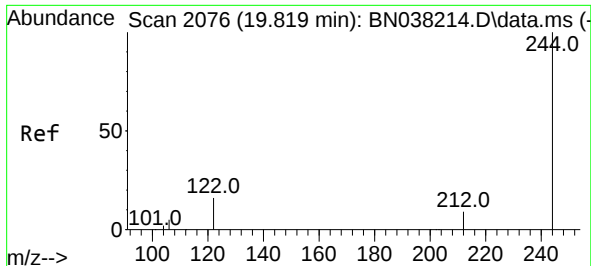
Tgt Ion:212 Resp: 13349
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 9.5 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.009 min
Lab File: BN038220.D
Acq: 27 Nov 2025 02:01

Tgt Ion:240 Resp: 12500
Ion Ratio Lower Upper
240 100
120 19.7 18.1 27.1
236 30.0 24.2 36.4

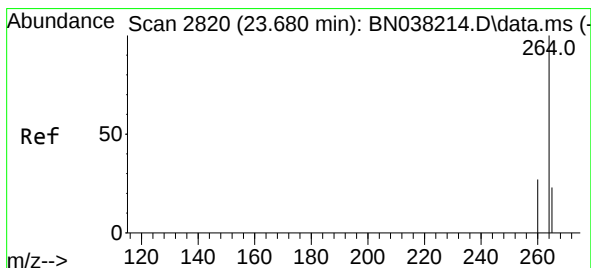
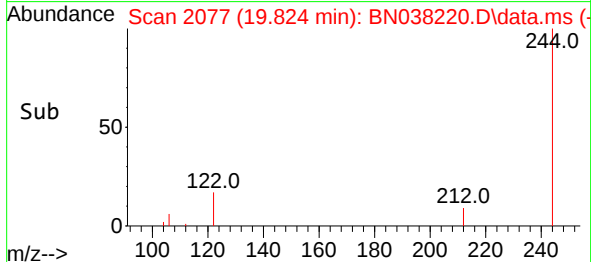
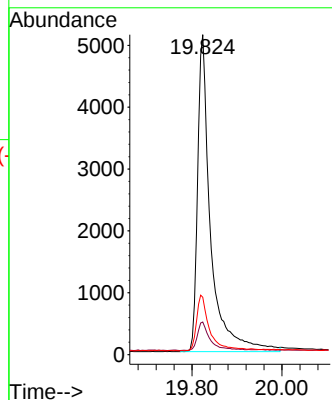
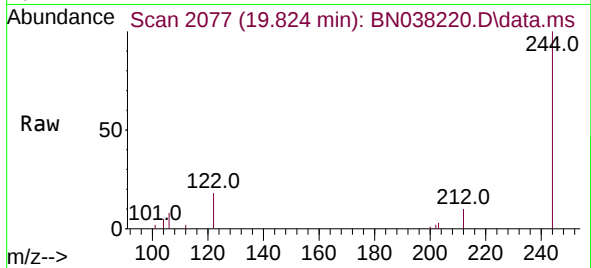




#31
 Terphenyl-d14
 Concen: 0.356 ng
 RT: 19.824 min Scan# 2076
 Delta R.T. 0.005 min
 Lab File: BN038220.D
 Acq: 27 Nov 2025 02:01

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BL

Tgt Ion:244 Resp: 10285
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.7 11.5
 122 17.9 13.6 20.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2822
 Delta R.T. 0.006 min
 Lab File: BN038220.D
 Acq: 27 Nov 2025 02:01

Tgt Ion:264 Resp: 12421
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.7 32.5
 265 137.2 98.0 147.0

