

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
 Data File : BN037422.D
 Acq On : 27 Jun 2025 13:10
 Operator : RC/JU
 Sample : Q2372-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAV1WRE

Quant Time: Jun 27 13:51:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

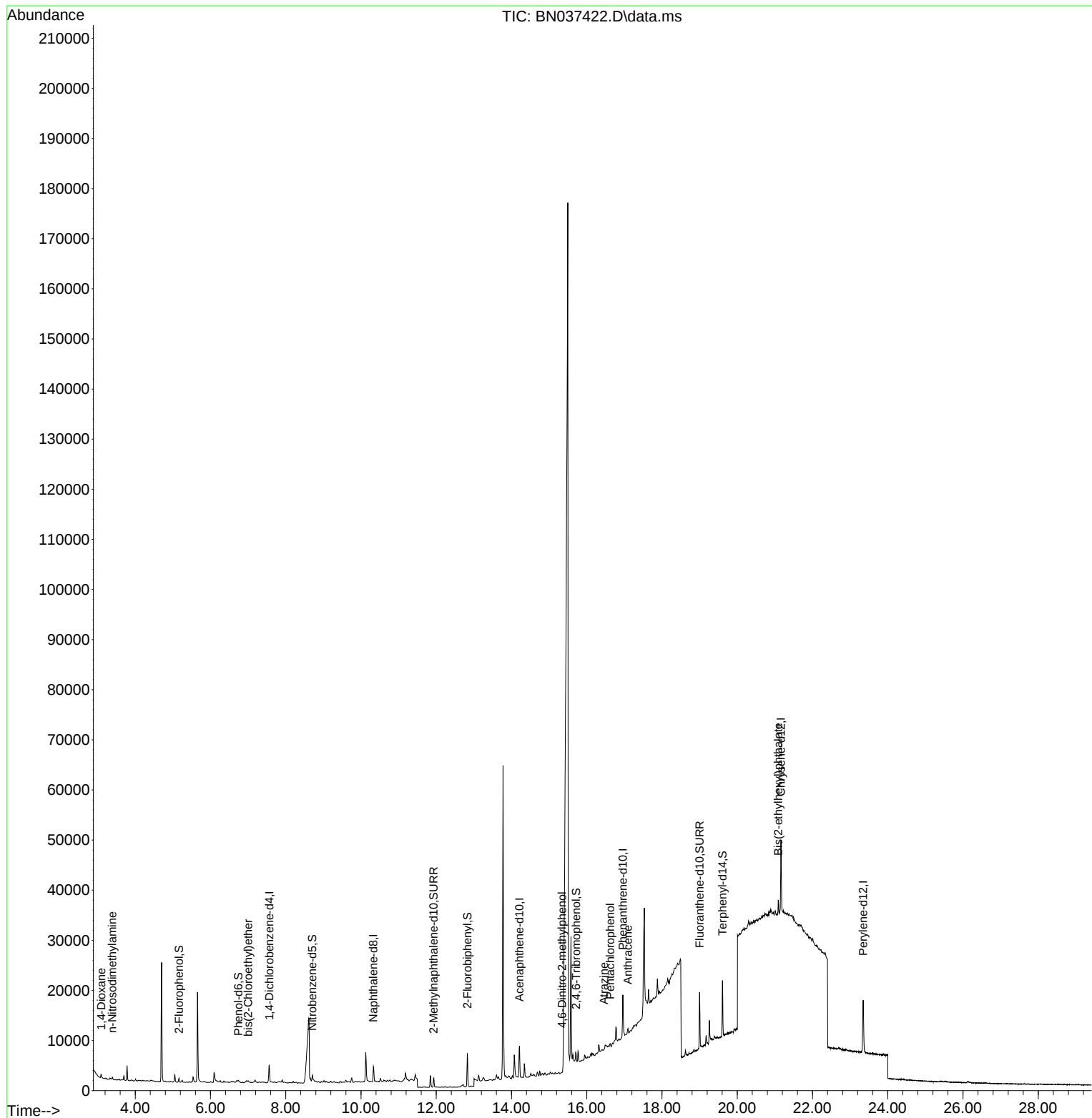
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	1739	0.400	ng	0.00
7) Naphthalene-d8	10.330	136	4154	0.400	ng	#-0.01
13) Acenaphthene-d10	14.213	164	3770	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	10583	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	13030	0.400	ng	# 0.00
35) Perylene-d12	23.348	264	12884	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	624	0.186	ng	0.00
5) Phenol-d6	6.744	99	429	0.123	ng	0.00
8) Nitrobenzene-d5	8.707	82	1223	0.367	ng	-0.01
11) 2-Methylnaphthalene-d10	11.930	152	2522	0.392	ng	-0.01
14) 2,4,6-Tribromophenol	15.718	330	1128	0.510	ng	0.00
15) 2-Fluorobiphenyl	12.828	172	5597	0.344	ng	0.00
27) Fluoranthene-d10	18.998	212	12791	0.422	ng	0.00
31) Terphenyl-d14	19.607	244	11400	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	328	0.199	ng	# 1
3) n-Nitrosodimethylamine	3.393	42	105	0.064	ng	# 1
6) bis(2-Chloroethyl)ether	6.997	93	461	0.149	ng	# 39
20) 4,6-Dinitro-2-methylph...	15.346	198	87	0.032	ng	# 1
23) Atrazine	16.462	200	153	0.026	ng	# 1
24) Pentachlorophenol	16.624	266	307	0.071	ng	97
26) Anthracene	17.096	178	1100	0.040	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.090	149	2673	0.165	ng	# 96

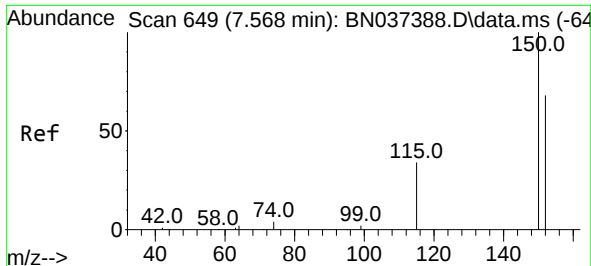
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
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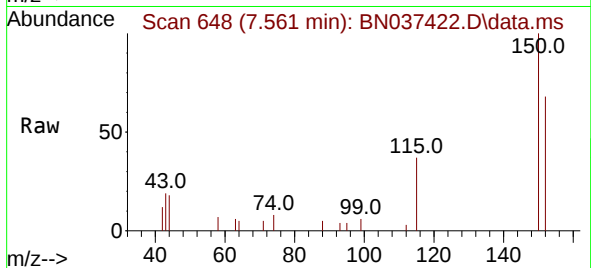
Quant Time: Jun 27 13:51:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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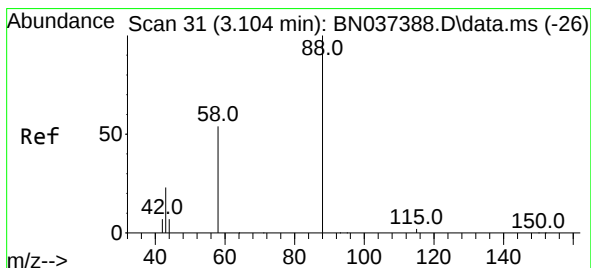
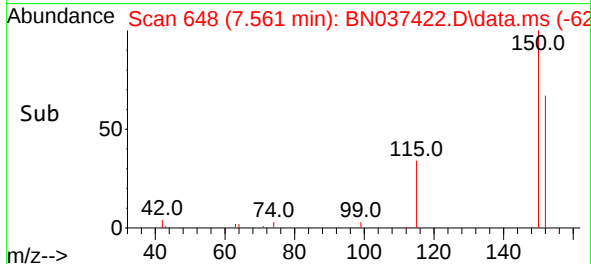
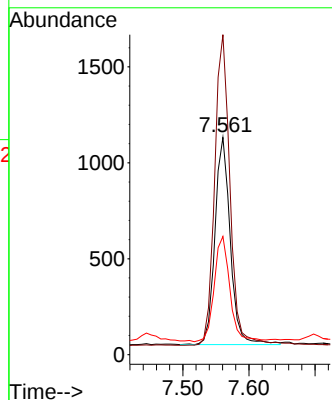


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.561 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

Instrument :
 BNA_N
 ClientSampleId :
 GAV1WRE

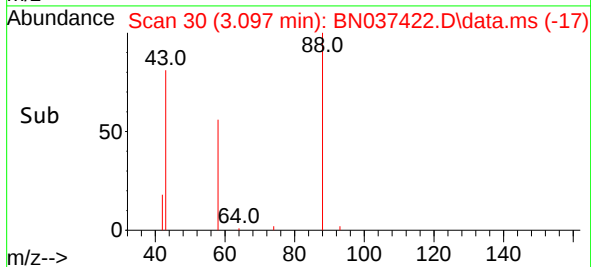
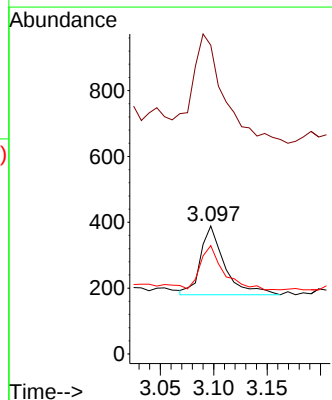
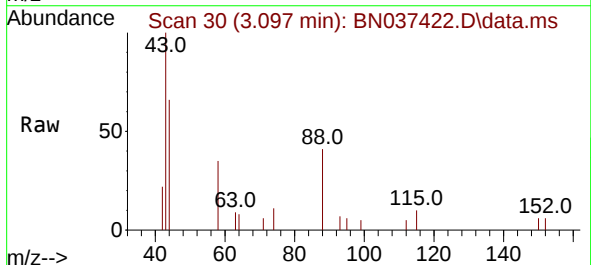


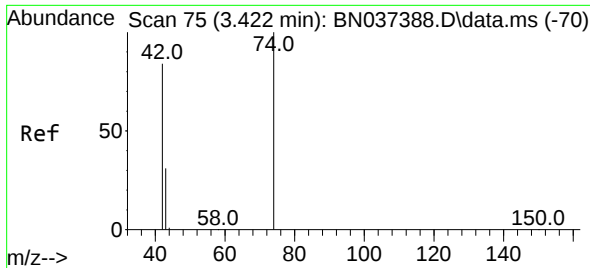
Tgt Ion:152 Resp: 1739
 Ion Ratio Lower Upper
 152 100
 150 147.2 116.2 174.2
 115 54.4 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.199 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 88 Resp: 328
 Ion Ratio Lower Upper
 88 100
 43 213.7 21.6 32.4#
 58 60.7 45.9 68.9

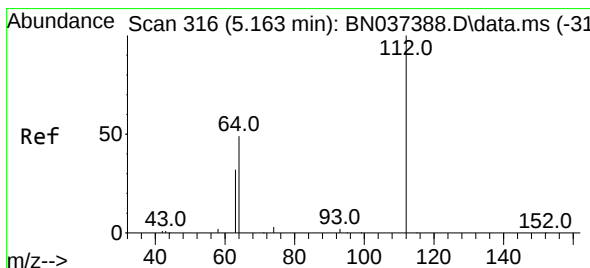
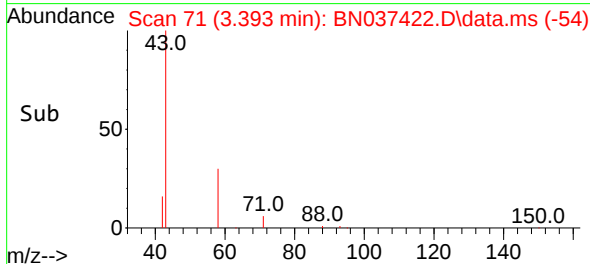
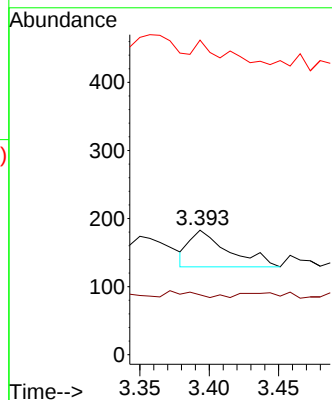
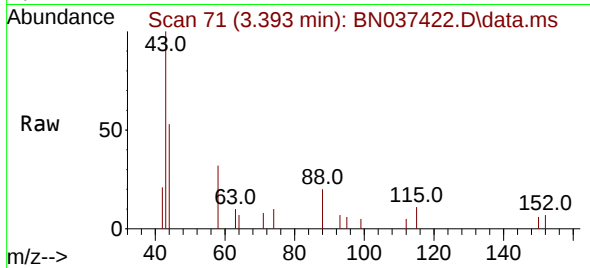




#3
 n-Nitrosodimethylamine
 Concen: 0.064 ng
 RT: 3.393 min Scan# 71
 Delta R.T. -0.029 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

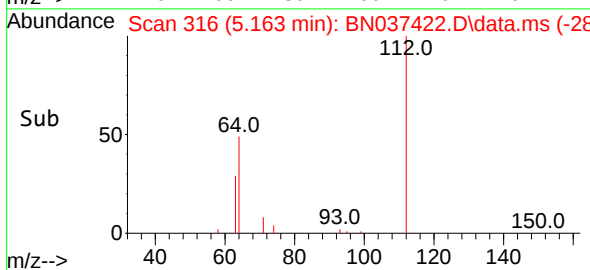
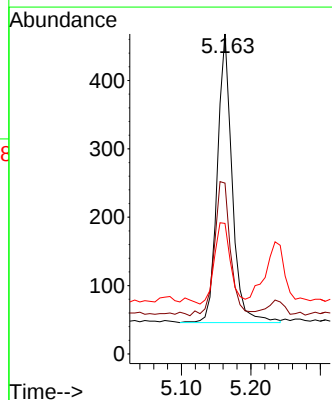
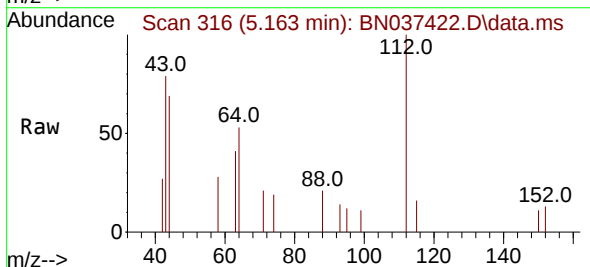
Instrument :
 BNA_N
 ClientSampleId :
 GAV1WRE

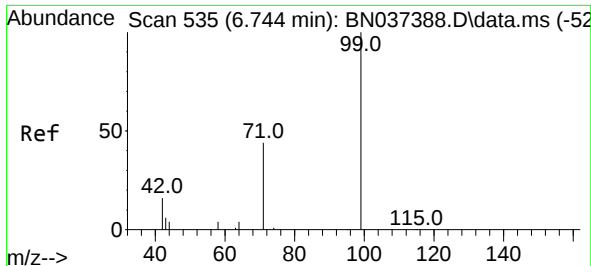
Tgt Ion: 42 Resp: 105
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.8 146.8#
 44 0.0 8.7 13.1#



#4
 2-Fluorophenol
 Concen: 0.186 ng
 RT: 5.163 min Scan# 316
 Delta R.T. 0.000 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 112 Resp: 624
 Ion Ratio Lower Upper
 112 100
 64 50.5 40.3 60.5
 63 30.8 26.1 39.1

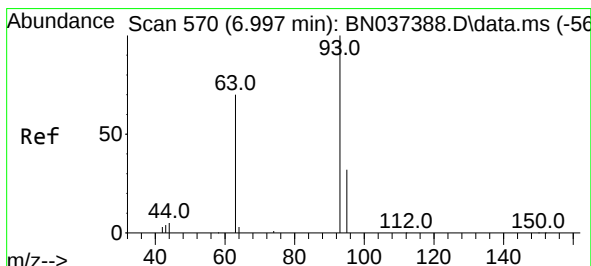
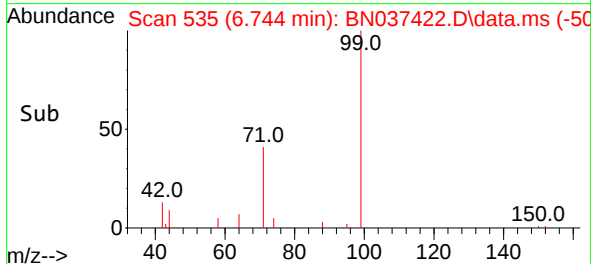
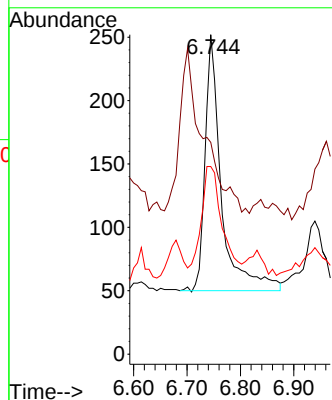
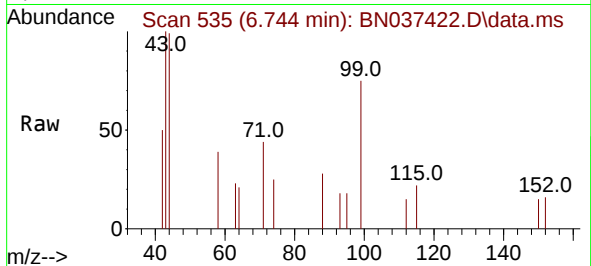




#5
Phenol-d6
Concen: 0.123 ng
RT: 6.744 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

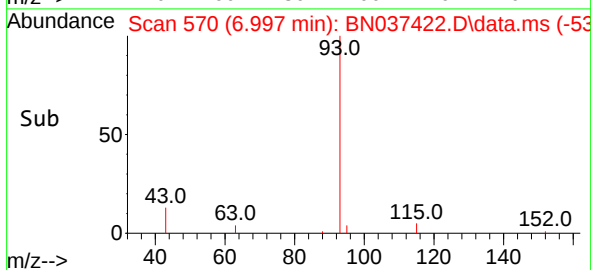
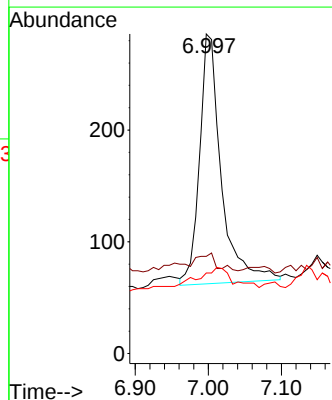
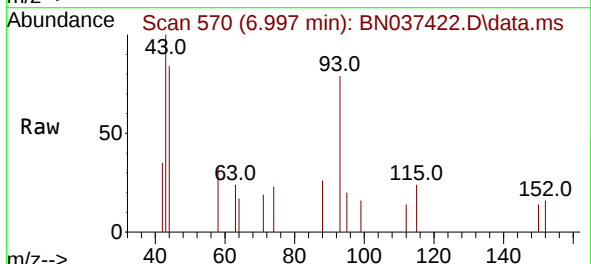
Instrument :
BNA_N
ClientSampleId :
GAV1WRE

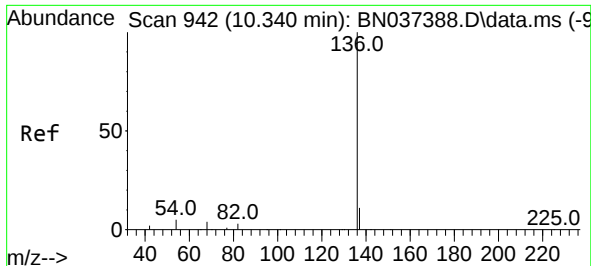
Tgt Ion: 99 Resp: 429
Ion Ratio Lower Upper
99 100
42 0.0 15.6 23.4#
71 56.9 35.8 53.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.149 ng
RT: 6.997 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 93 Resp: 461
Ion Ratio Lower Upper
93 100
63 4.3 49.6 74.4#
95 11.9 23.9 35.9#

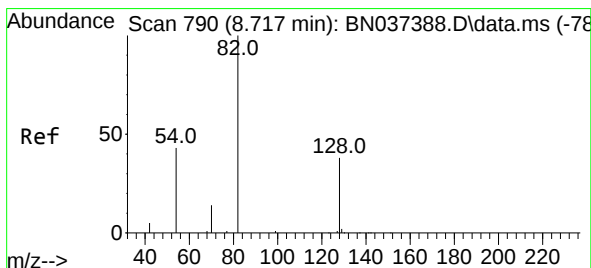
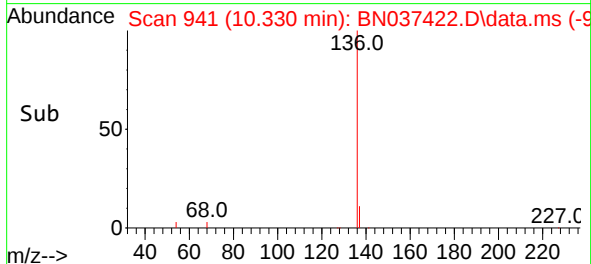
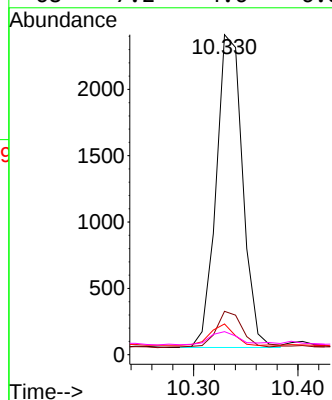
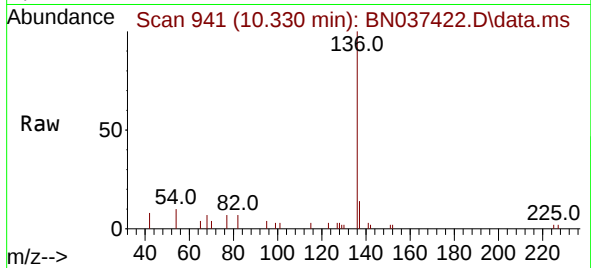




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.330 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

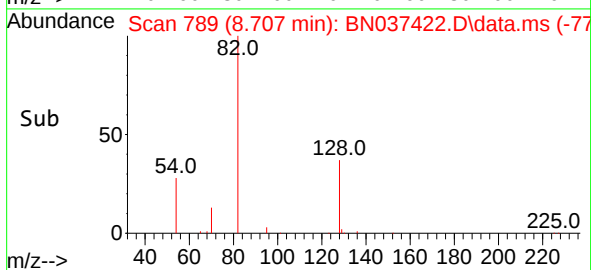
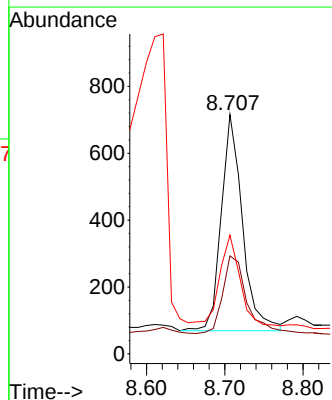
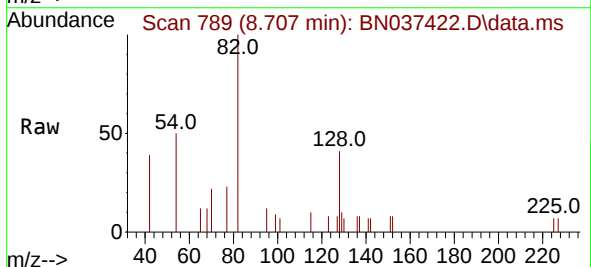
Instrument :
BNA_N
ClientSampleId :
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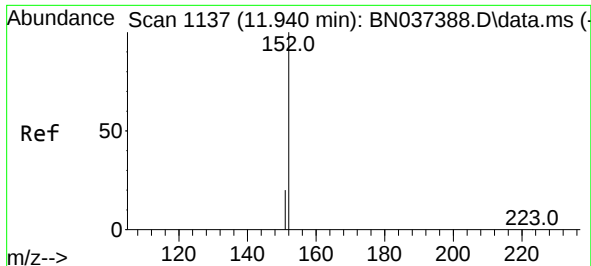
Tgt Ion:	136	Resp:	4154
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.4	15.6
54	9.6	5.6	8.4#
68	7.2	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.707 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:	82	Resp:	1223
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	49.6	37.7	56.5

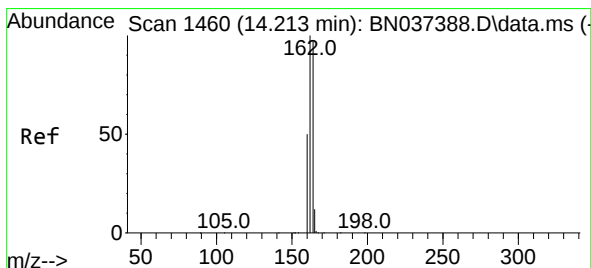
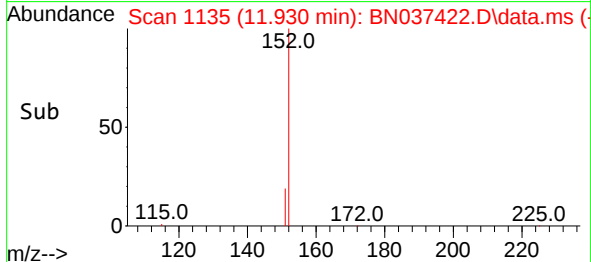
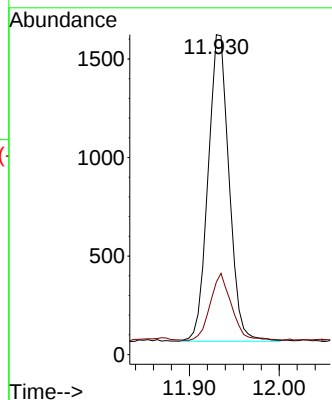
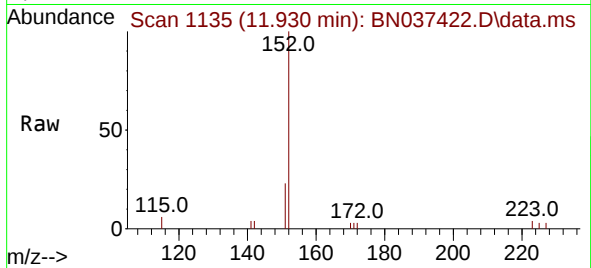




#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.930 min Scan# 1135
Delta R.T. -0.010 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

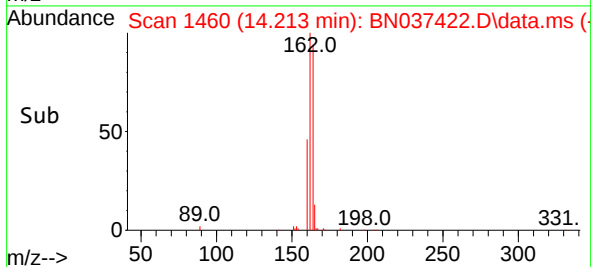
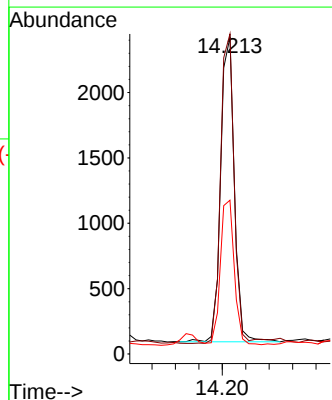
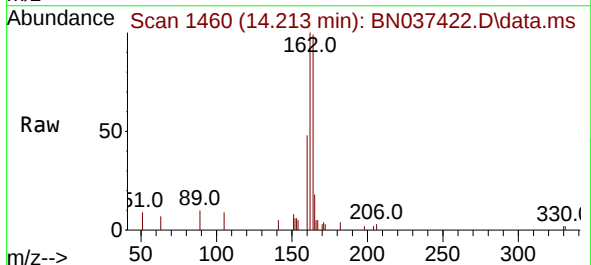
Instrument :
BNA_N
ClientSampleId :
GAV1WRE

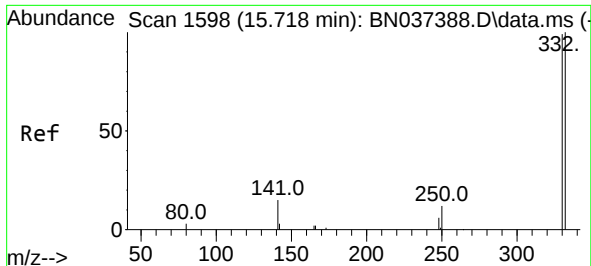
Tgt Ion:152 Resp: 2522
Ion Ratio Lower Upper
152 100
151 22.6 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:164 Resp: 3770
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 48.6 42.2 63.2

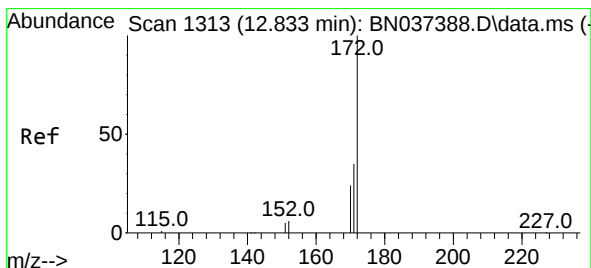
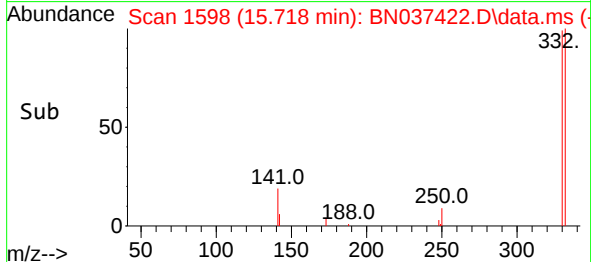
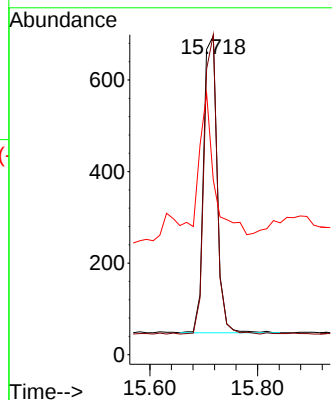
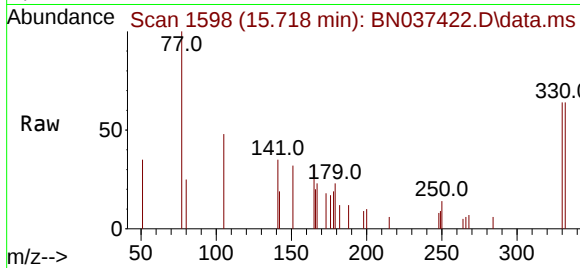




#14
2,4,6-Tribromophenol
Concen: 0.510 ng
RT: 15.718 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

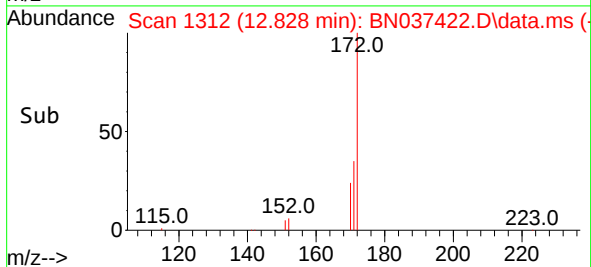
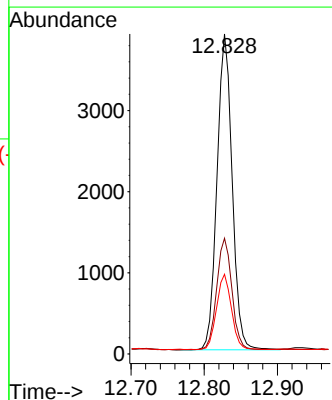
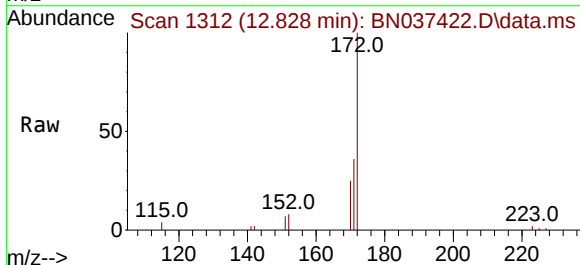
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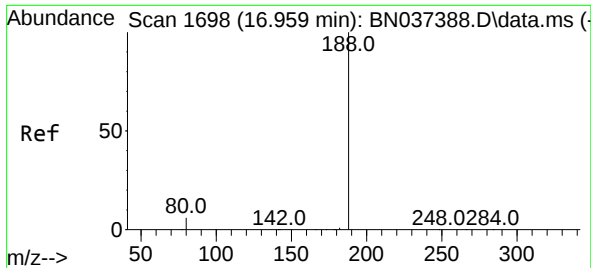
Tgt Ion: 330 Resp: 1128
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 55.1 24.0 36.0#



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.828 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 172 Resp: 5597
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.9 20.3 30.5

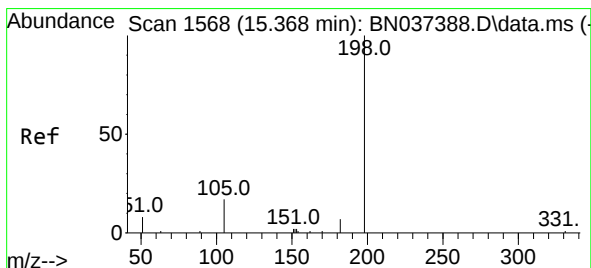
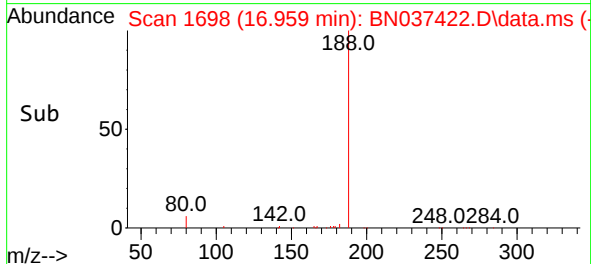
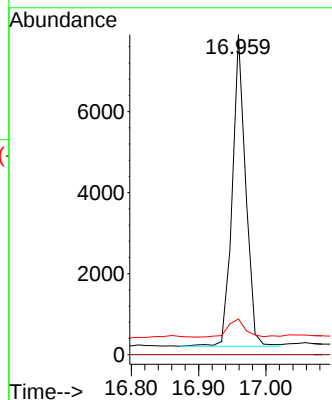
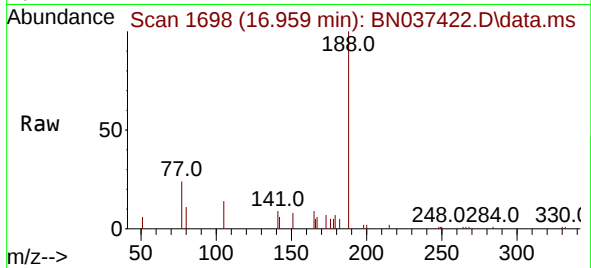




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

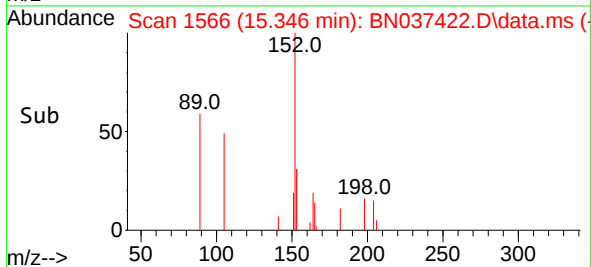
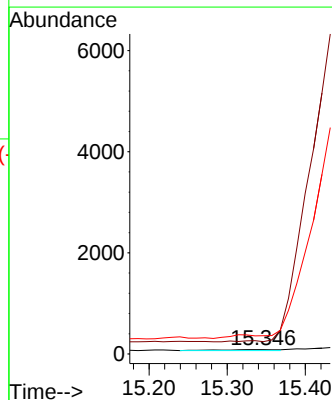
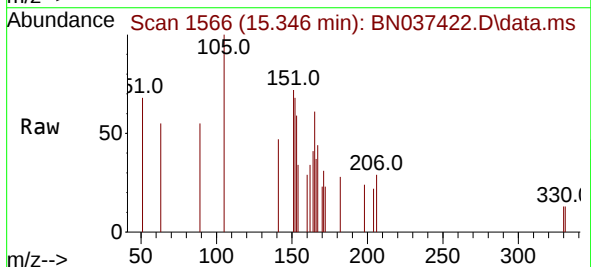
Instrument :
BNA_N
ClientSampleId :
GAV1WRE

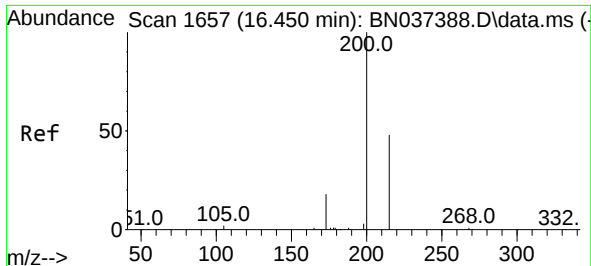
Tgt Ion:188 Resp: 10583
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 6.2 9.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.032 ng
RT: 15.346 min Scan# 1566
Delta R.T. -0.021 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:198 Resp: 87
Ion Ratio Lower Upper
198 100
51 284.9 38.8 58.2#
105 418.6 29.8 44.6#

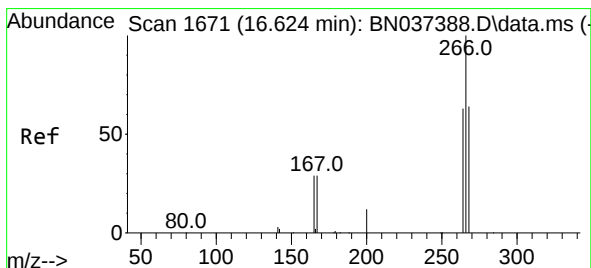
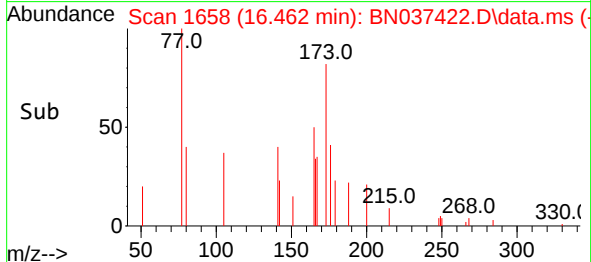
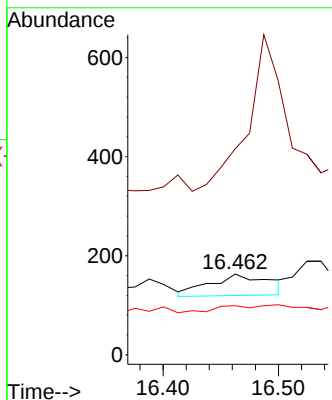
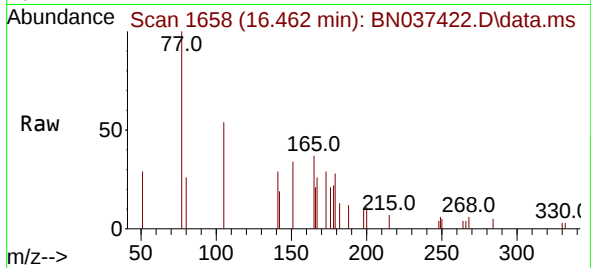




#23
 Atrazine
 Concen: 0.026 ng
 RT: 16.462 min Scan# 1658
 Delta R.T. 0.012 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

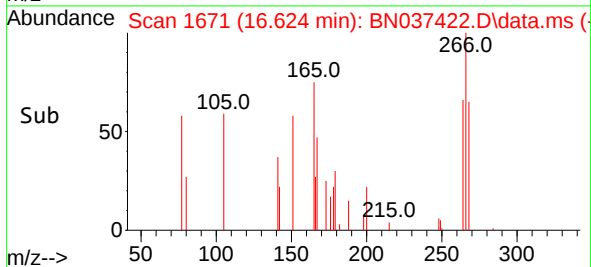
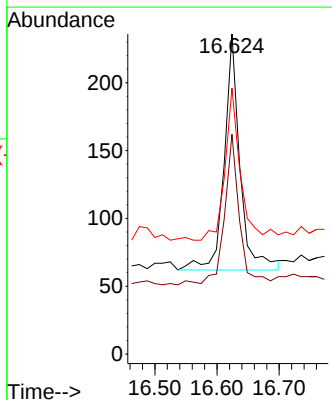
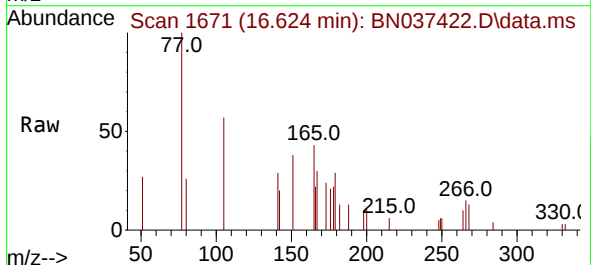
Instrument :
 BNA_N
 ClientSampleId :
 GAV1WRE

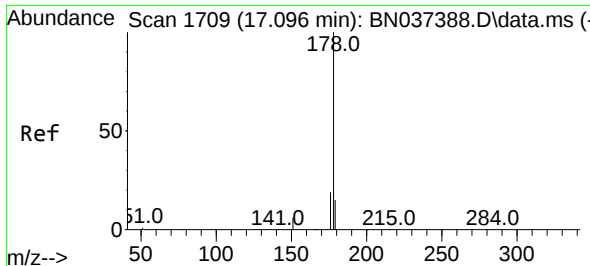
Tgt Ion:200 Resp: 153
 Ion Ratio Lower Upper
 200 100
 173 255.2 19.0 28.6#
 215 60.7 41.3 61.9



#24
 Pentachlorophenol
 Concen: 0.071 ng
 RT: 16.624 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

Tgt Ion:266 Resp: 307
 Ion Ratio Lower Upper
 266 100
 264 61.2 49.2 73.8
 268 63.8 54.2 81.4

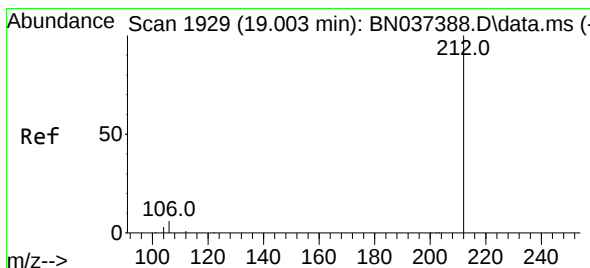
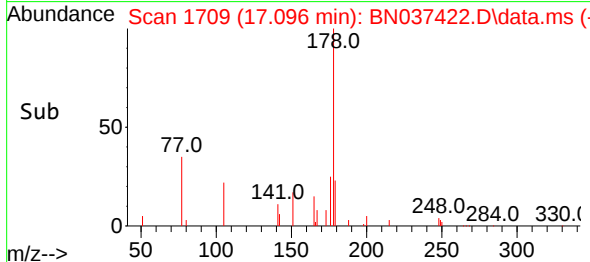
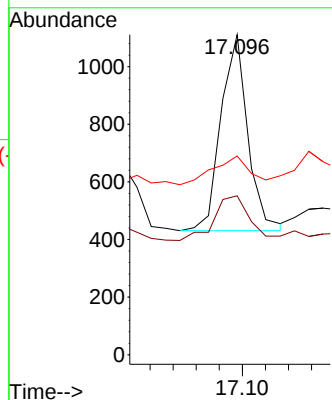
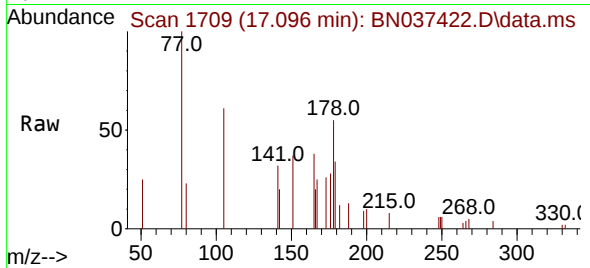




#26
 Anthracene
 Concen: 0.040 ng
 RT: 17.096 min Scan# 1709
 Delta R.T. 0.000 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

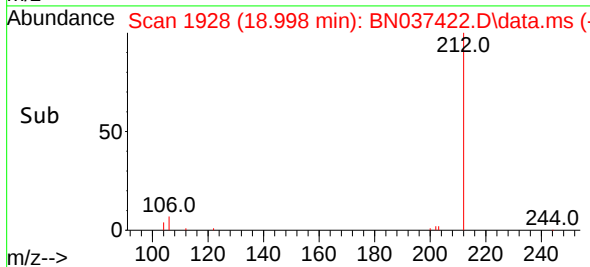
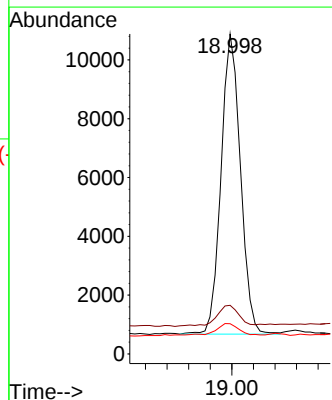
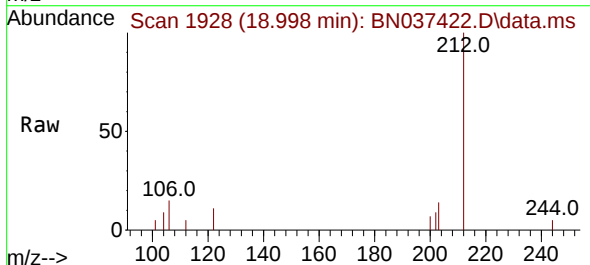
Instrument :
 BNA_N
 ClientSampleId :
 GAV1WRE

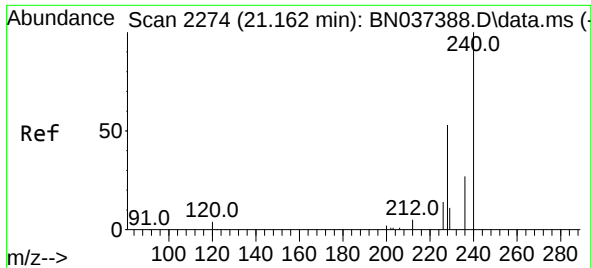
Tgt Ion:178 Resp: 1100
 Ion Ratio Lower Upper
 178 100
 176 30.4 14.9 22.3#
 179 19.8 12.4 18.6#



#27
 Fluoranthene-d10
 Concen: 0.422 ng
 RT: 18.998 min Scan# 1928
 Delta R.T. -0.005 min
 Lab File: BN037422.D
 Acq: 27 Jun 2025 13:10

Tgt Ion:212 Resp: 12791
 Ion Ratio Lower Upper
 212 100
 106 8.3 4.5 6.7#
 104 5.1 2.7 4.1#

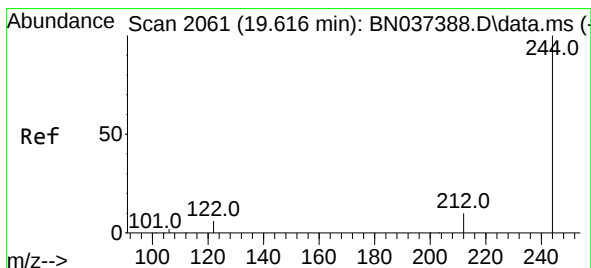
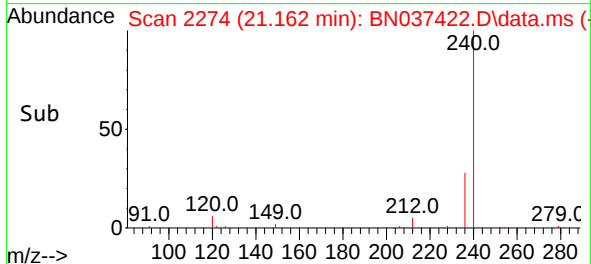
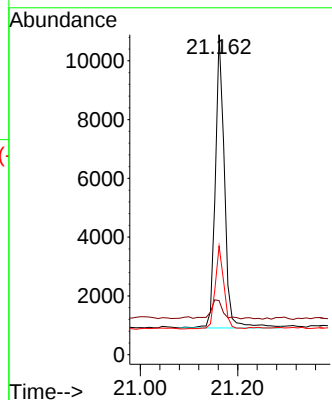
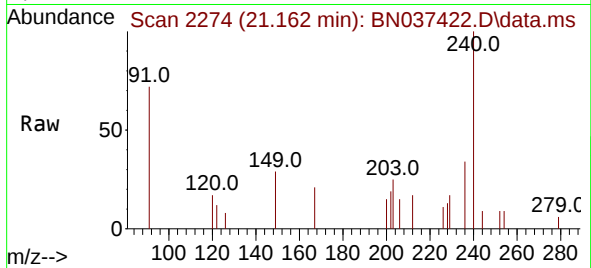




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

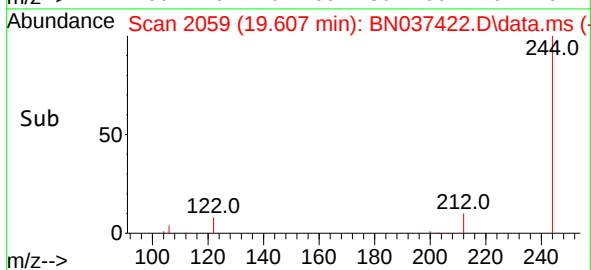
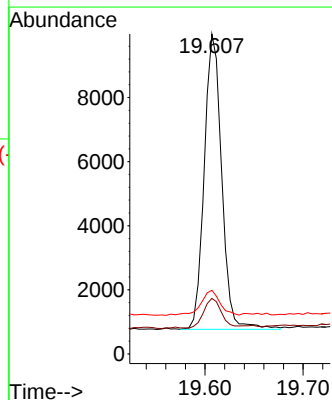
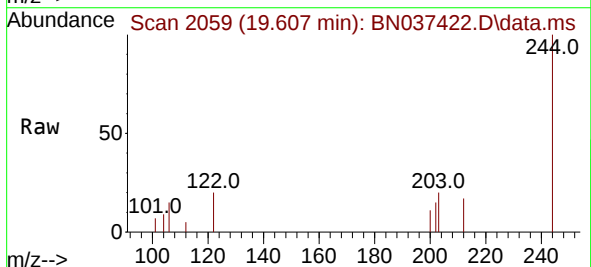
Instrument :
BNA_N
ClientSampleId :
GAV1WRE

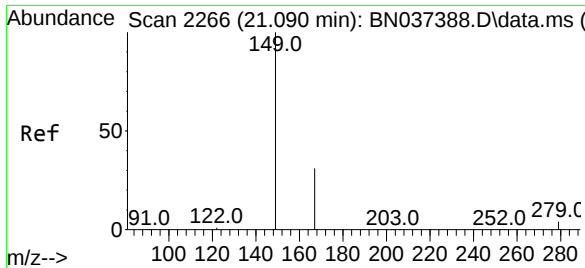
Tgt Ion:240 Resp: 13030
Ion Ratio Lower Upper
240 100
120 16.9 5.3 7.9#
236 33.9 22.7 34.1



#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.607 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:244 Resp: 11400
Ion Ratio Lower Upper
244 100
212 17.3 9.1 13.7#
122 19.9 6.3 9.5#

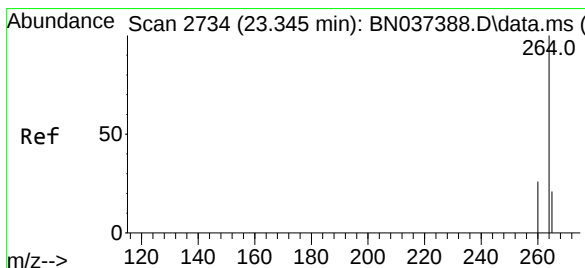
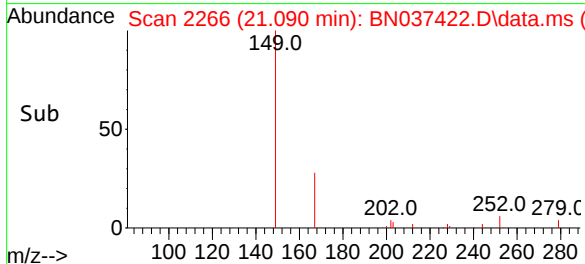
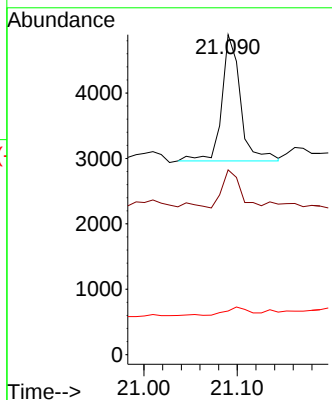
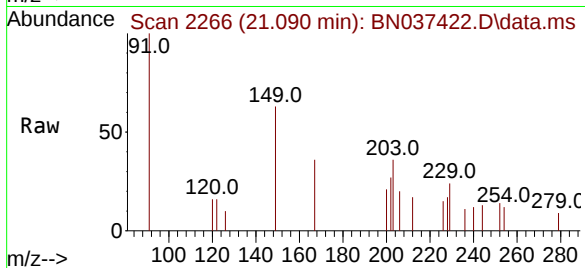




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.090 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:149 Resp: 2673
Ion Ratio Lower Upper
149 100
167 29.0 24.8 37.2
279 9.1 5.0 7.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.348 min Scan# 2735
Delta R.T. 0.003 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:264 Resp: 12884
Ion Ratio Lower Upper
264 100
260 29.6 21.4 32.0
265 67.0 56.2 84.4

