

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037913.D
 Acq On : 26 Sep 2025 06:30
 Operator : RC/JU
 Sample : Q3156-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 07:40:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

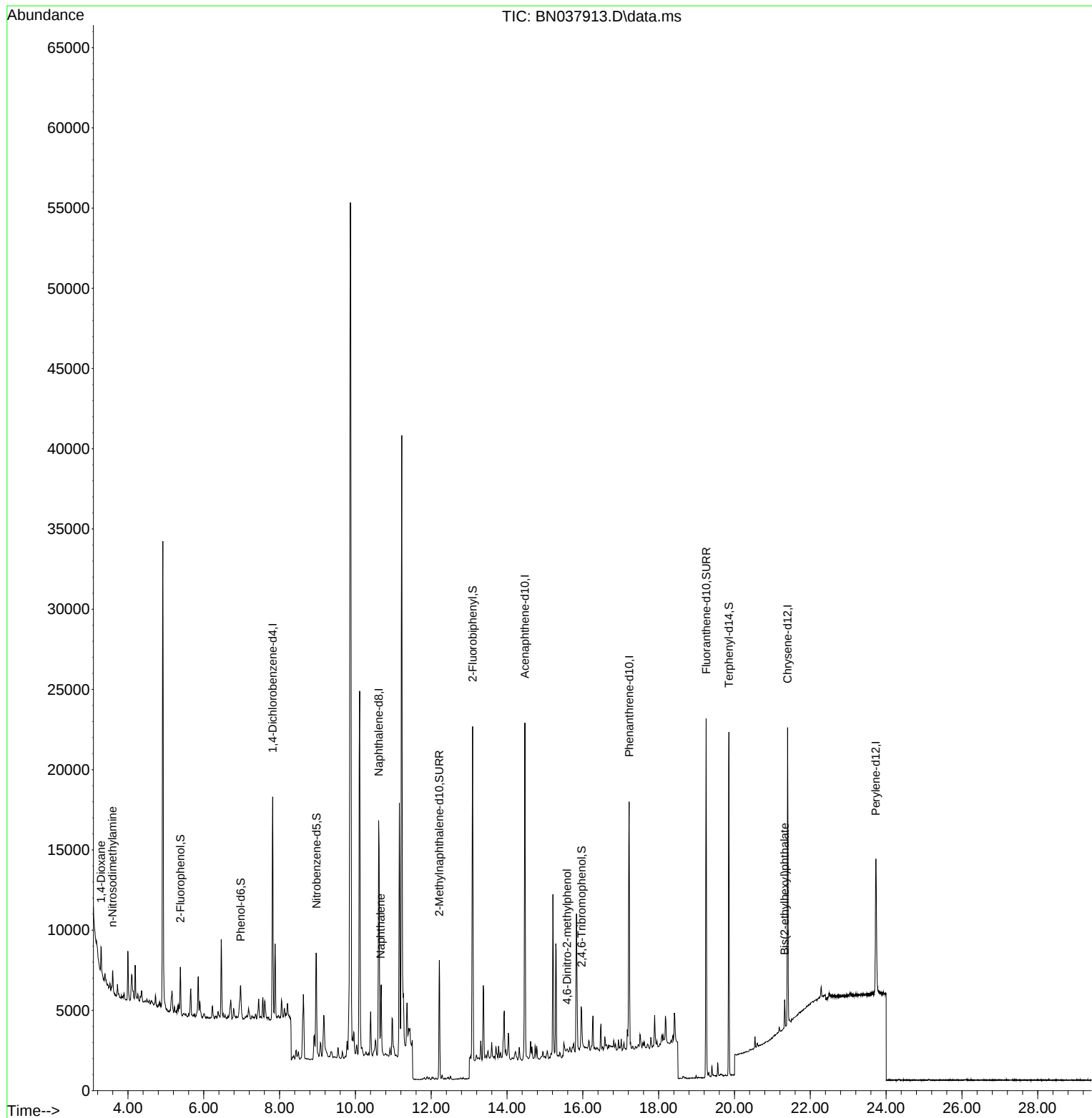
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6448	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20010	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	10991	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21769	0.400	ng	0.00
29) Chrysene-d12	21.402	240	15802	0.400	ng	0.00
35) Perylene-d12	23.730	264	12170	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2258	0.153	ng	0.00
5) Phenol-d6	6.973	99	1731	0.090	ng	0.00
8) Nitrobenzene-d5	8.971	82	5500	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.212	152	9861	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1575	0.378	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15980	0.355	ng	0.00
27) Fluoranthene-d10	19.252	212	23782	0.434	ng	0.00
31) Terphenyl-d14	19.852	244	19137	0.608	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	688	0.105	ng	# 1
3) n-Nitrosodimethylamine	3.593	42	227	0.026	ng	# 4
9) Naphthalene	10.669	128	1263	0.023	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.584	198	7	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	1816	0.083	ng	# 99

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

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Misc :
ALS Vial : 30 Sample Multiplier: 1

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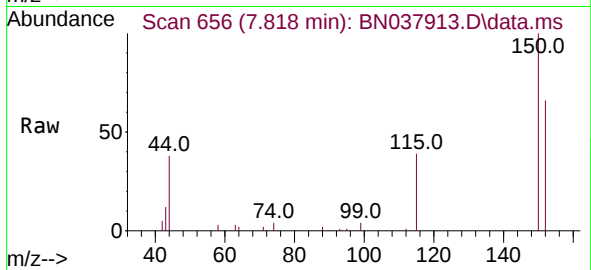
Quant Time: Sep 26 07:40:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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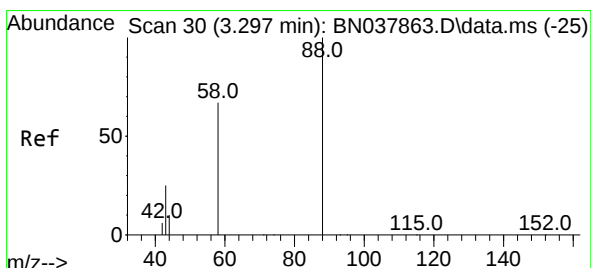
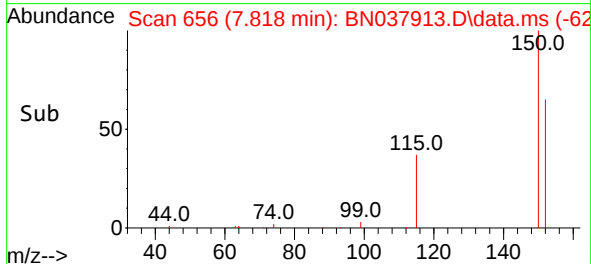
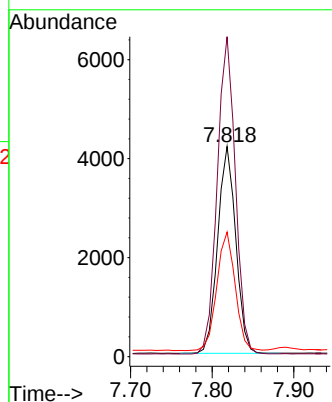


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :

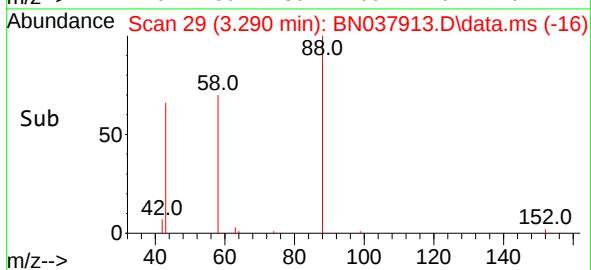
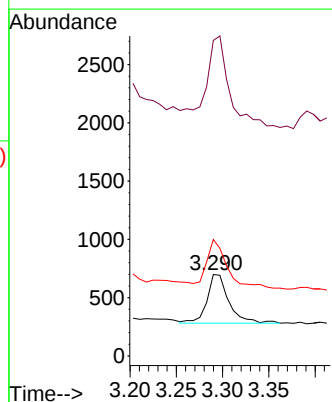
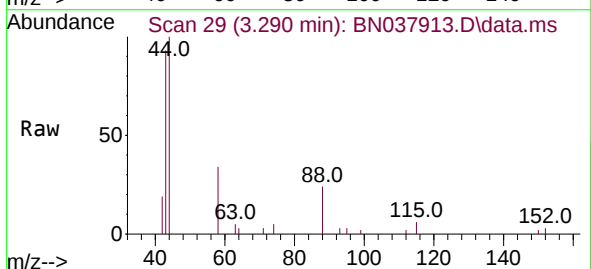


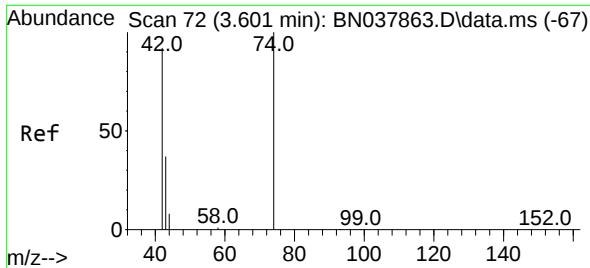
Tgt Ion:152 Resp: 6448
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.4
115 59.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.105 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
43 190.1 26.6 39.8#
58 91.3 58.9 88.3#

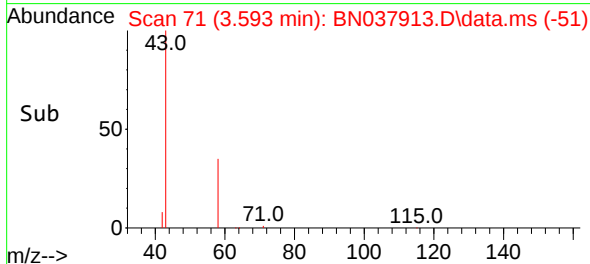
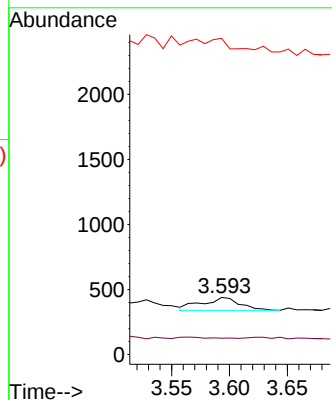
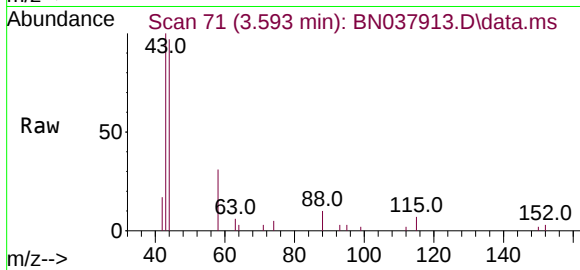




#3
 n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.593 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

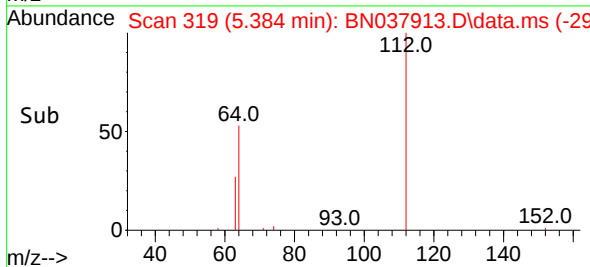
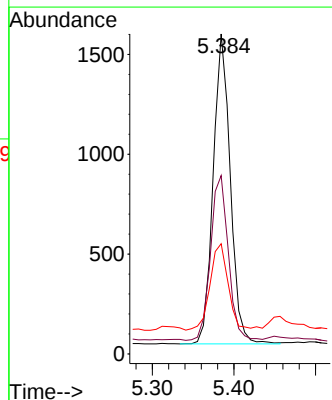
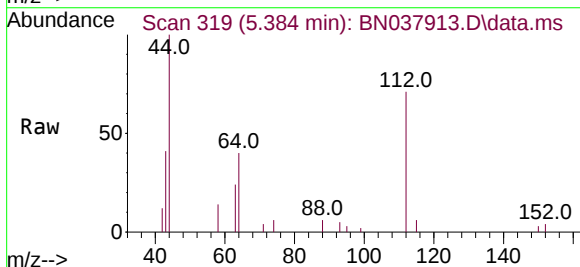
Instrument :
 BNA_N
 ClientSampleId :

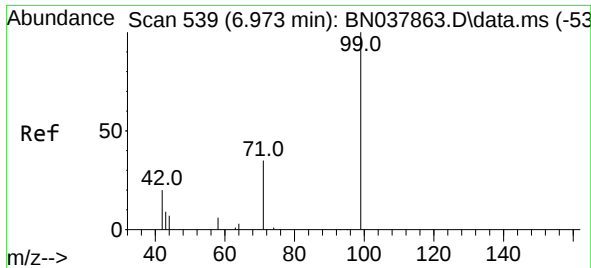
Tgt Ion: 42 Resp: 227
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.4 140.0#
 44 0.0 22.2 33.4#



#4
 2-Fluorophenol
 Concen: 0.153 ng
 RT: 5.384 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

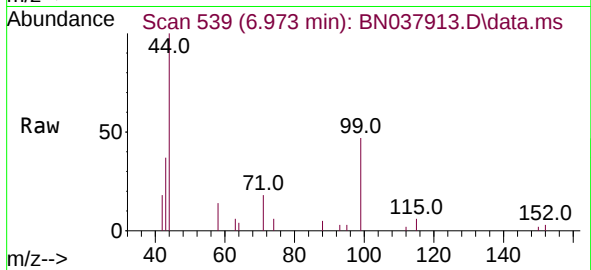
Tgt Ion: 112 Resp: 2258
 Ion Ratio Lower Upper
 112 100
 64 55.3 44.6 66.8
 63 29.5 24.9 37.3



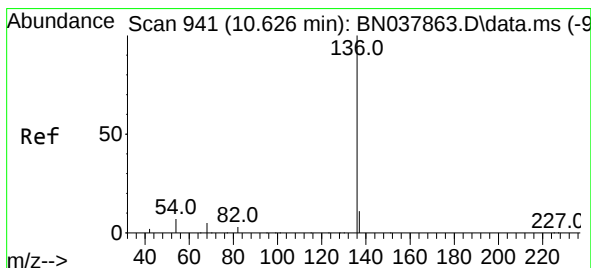
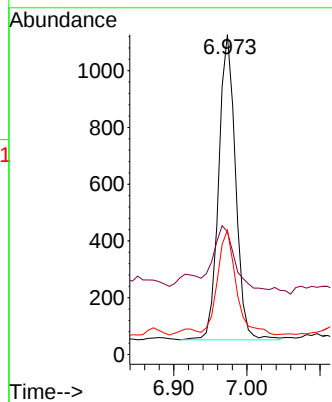
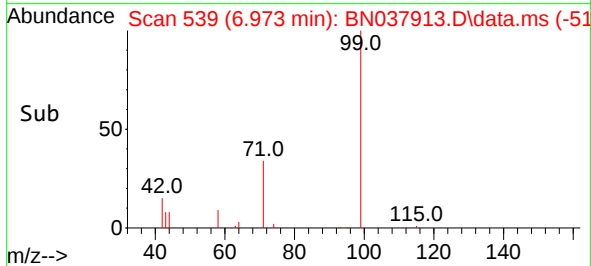


#5
Phenol-d6
Concen: 0.090 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

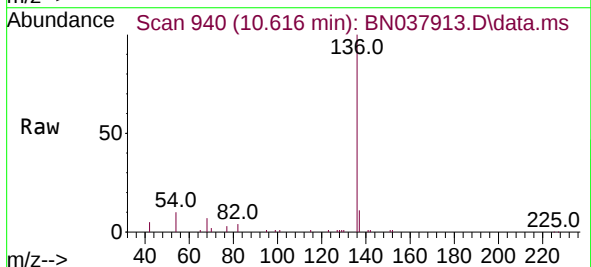
Instrument :
BNA_N
ClientSampleId :



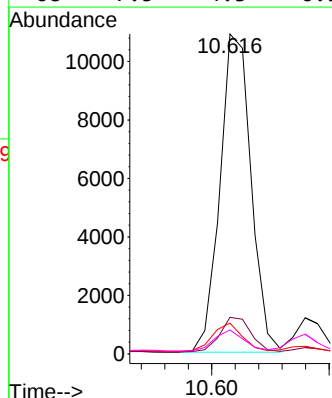
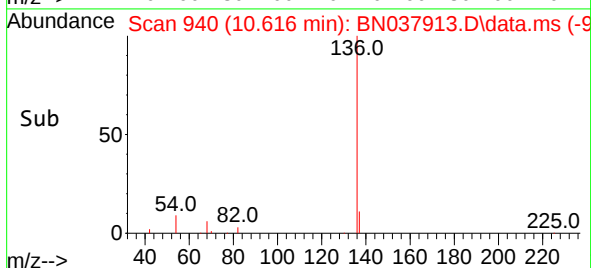
Tgt Ion: 99 Resp: 1731
Ion Ratio Lower Upper
99 100
42 31.8 17.2 25.8#
71 37.5 27.3 40.9

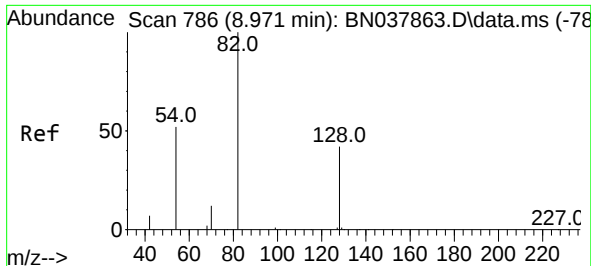


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30



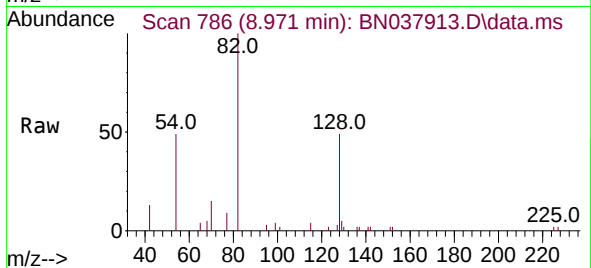
Tgt Ion: 136 Resp: 20010
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.6 5.8 8.8#
68 7.5 4.3 6.5#



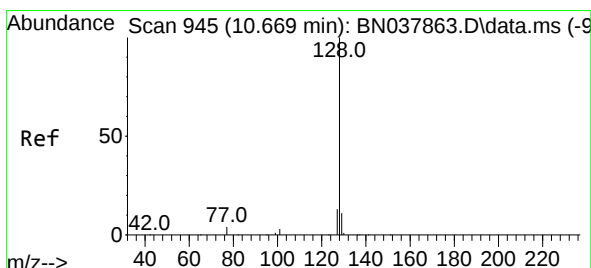
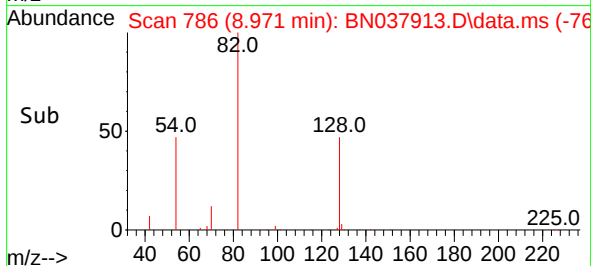
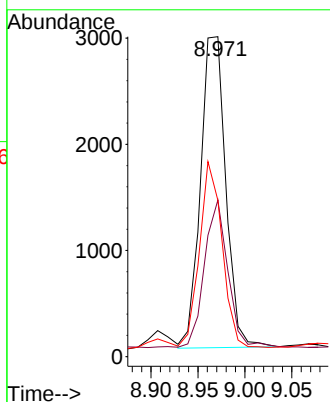


#8
 Nitrobenzene-d5
 Concen: 0.360 ng
 RT: 8.971 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

Instrument :
 BNA_N
 ClientSampleId :

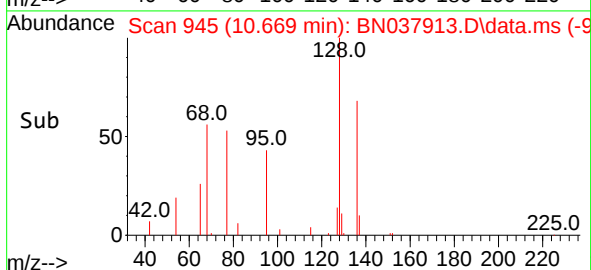
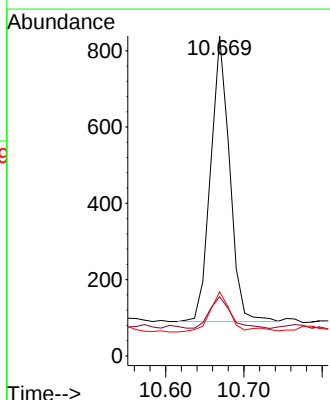
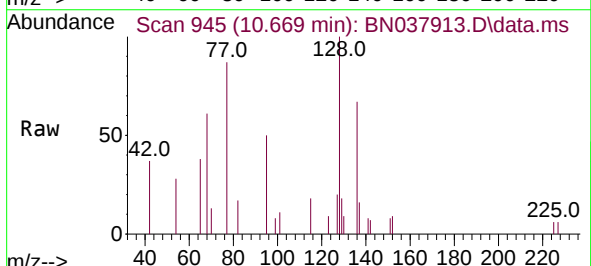


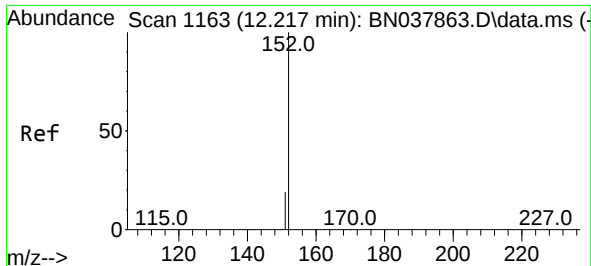
Tgt Ion: 82 Resp: 5500
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.8 52.2
 54 48.8 42.2 63.2



#9
 Naphthalene
 Concen: 0.023 ng
 RT: 10.669 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

Tgt Ion: 128 Resp: 1263
 Ion Ratio Lower Upper
 128 100
 129 18.5 9.2 13.8#
 127 20.0 11.0 16.6#

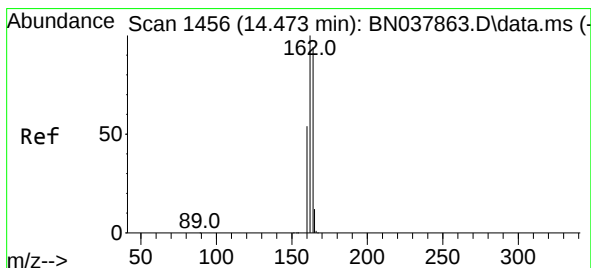
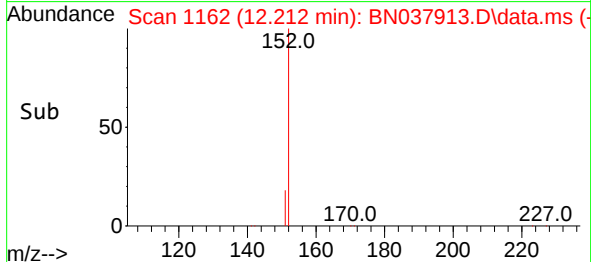
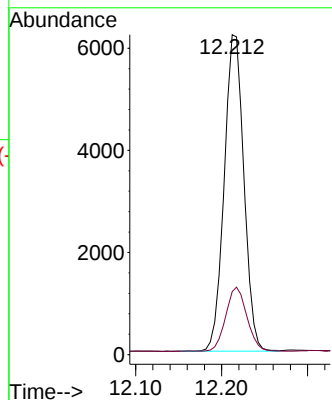
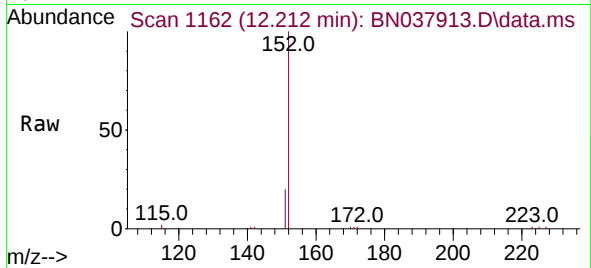




#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 12.212 min Scan# 1162
 Delta R.T. -0.005 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

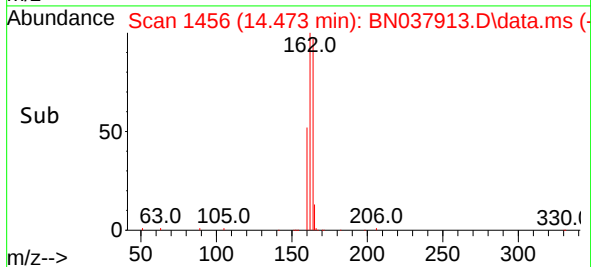
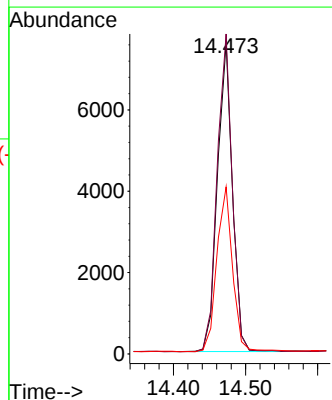
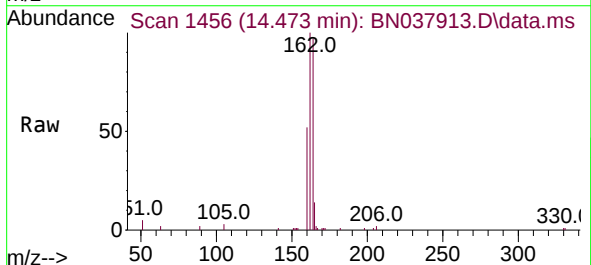
Instrument :
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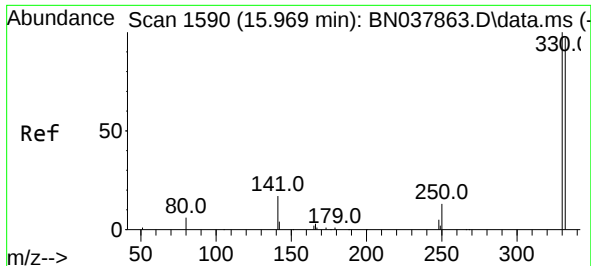
Tgt Ion:152 Resp: 9861
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.4 26.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.473 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

Tgt Ion:164 Resp: 10991
 Ion Ratio Lower Upper
 164 100
 162 102.9 84.8 127.2
 160 53.7 46.1 69.1

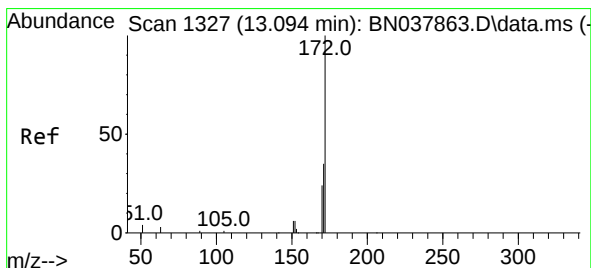
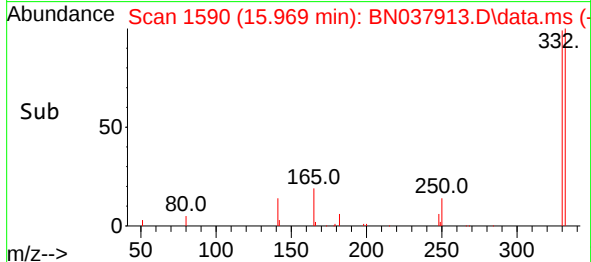
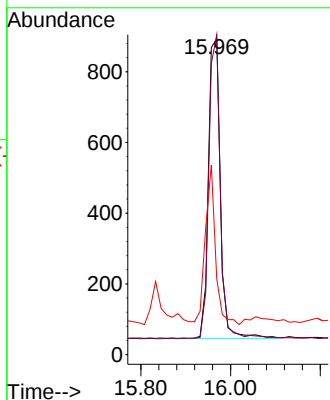
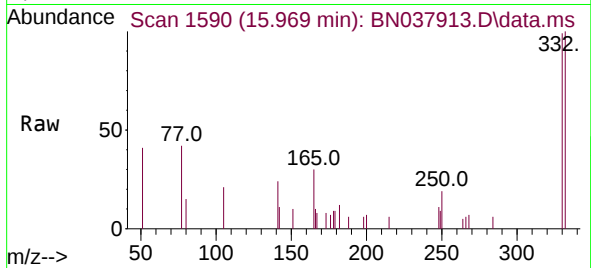




#14
 2,4,6-Tribromophenol
 Concen: 0.378 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

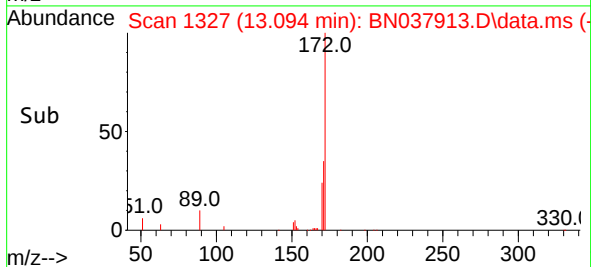
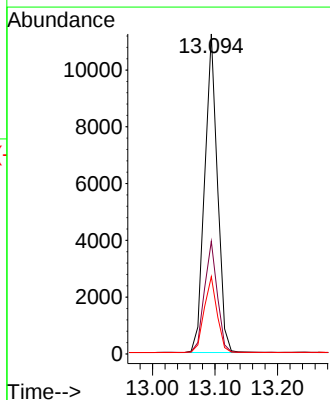
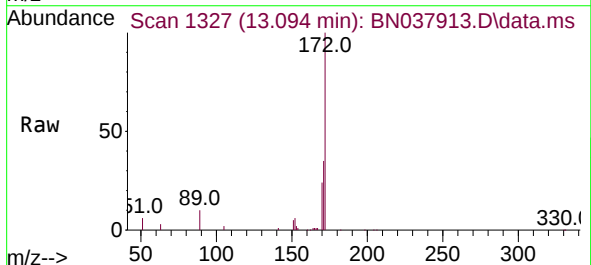
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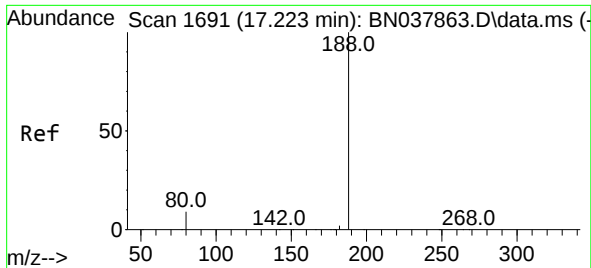
Tgt Ion:	330	Resp:	1575
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.2	115.8
141	44.9	37.2	55.8



#15
 2-Fluorobiphenyl
 Concen: 0.355 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

Tgt Ion:	172	Resp:	15980
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	43.0
170	24.1	19.7	29.5

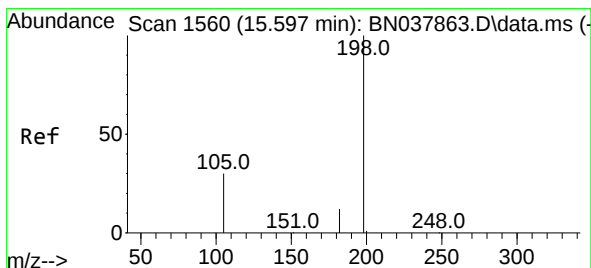
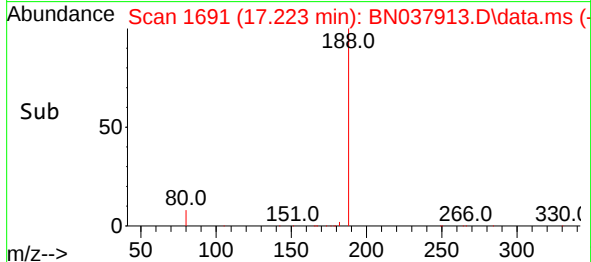
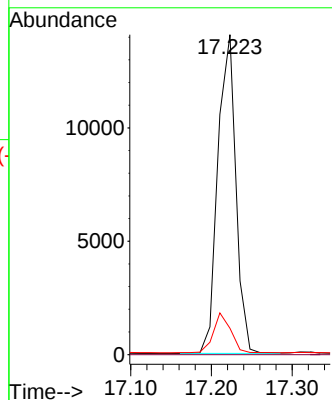
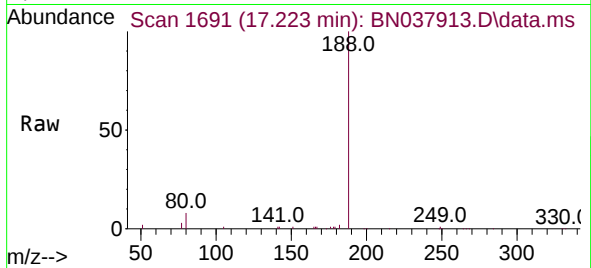




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

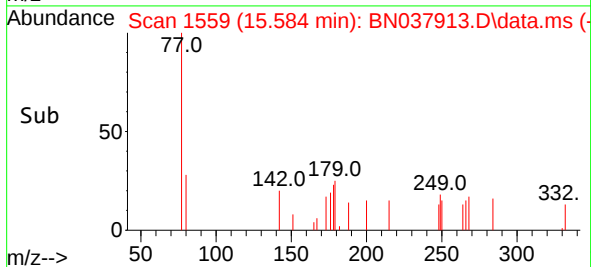
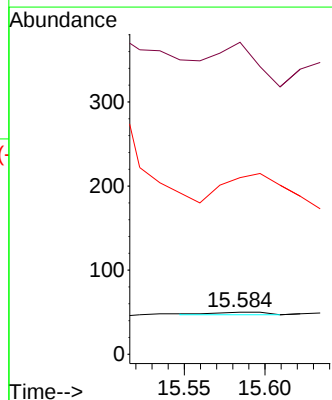
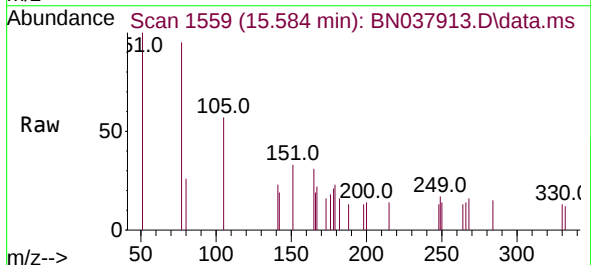
Instrument :
BNA_N
ClientSampleId :

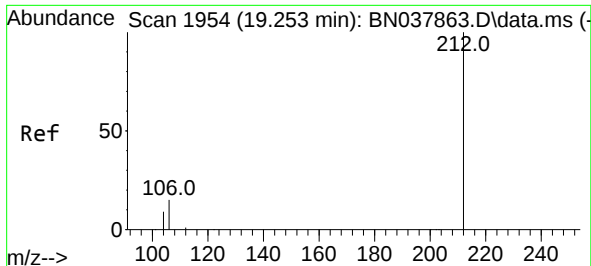
Tgt Ion:188 Resp: 21769
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.584 min Scan# 1559
Delta R.T. -0.013 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 742.0 59.1 88.7#
105 420.0 41.3 61.9#

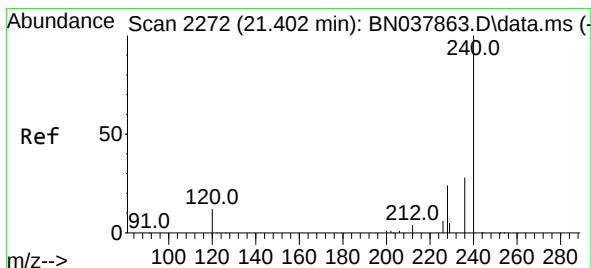
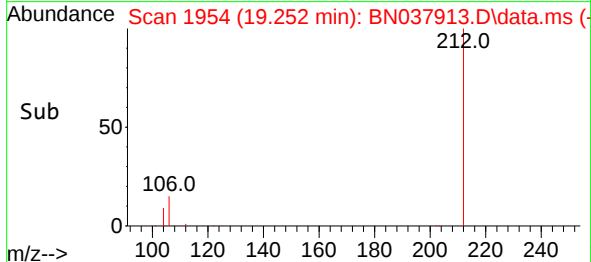
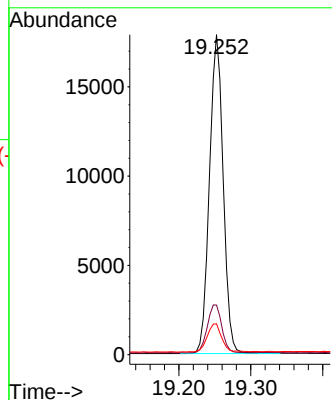
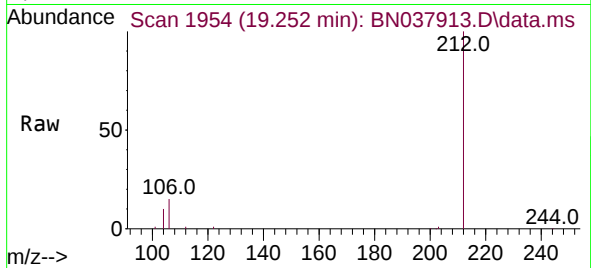




#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

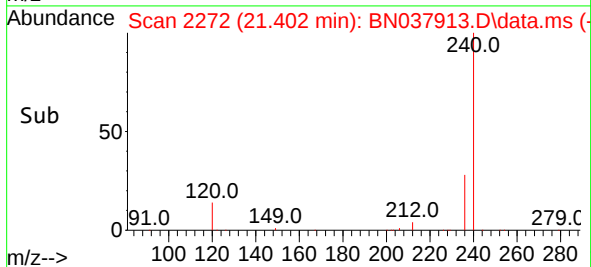
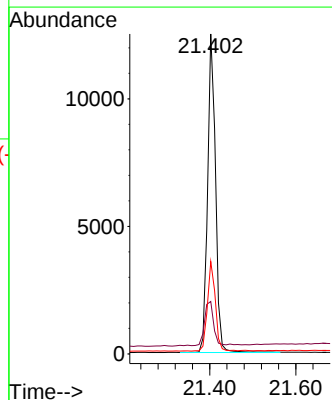
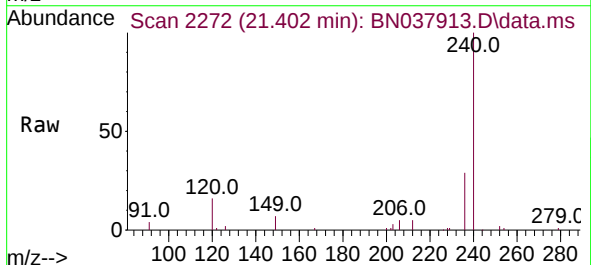
Instrument :
BNA_N
ClientSampleId :

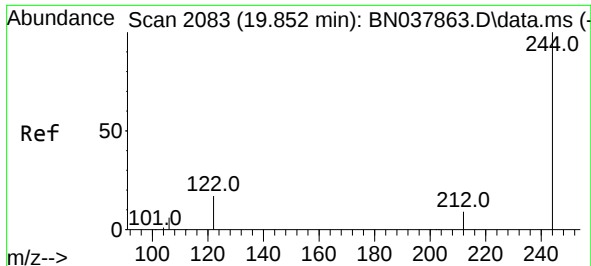
Tgt Ion:212 Resp: 23782
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

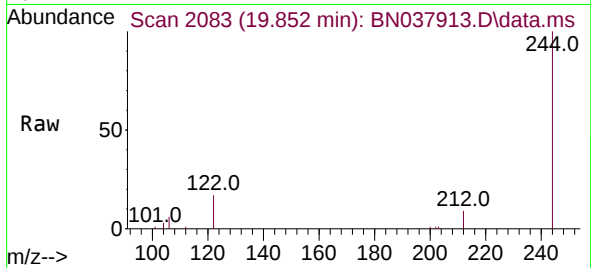
Tgt Ion:240 Resp: 15802
Ion Ratio Lower Upper
240 100
120 16.4 11.4 17.2
236 28.9 23.0 34.6



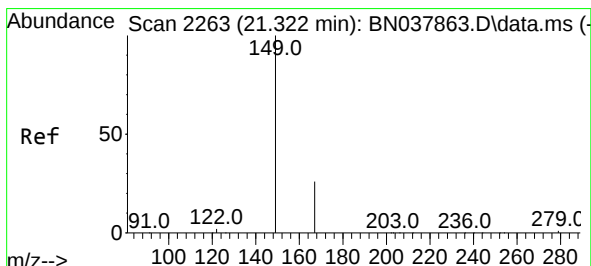
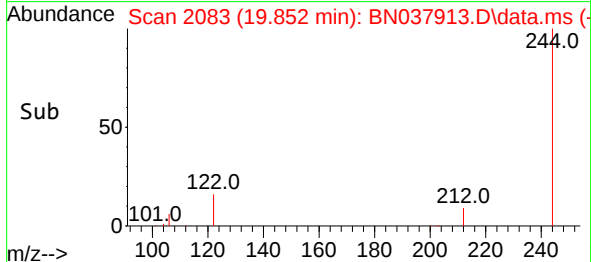
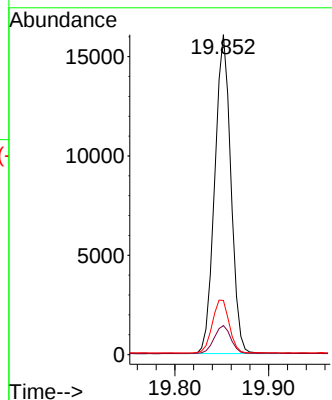


#31
 Terphenyl-d14
 Concen: 0.608 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

Instrument :
 BNA_N
 ClientSampleId :

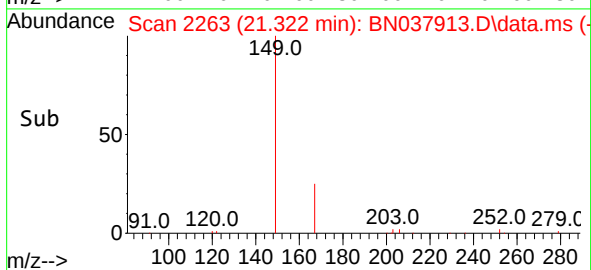
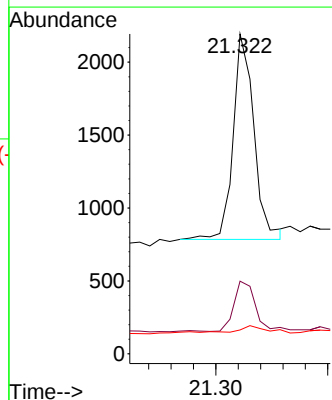
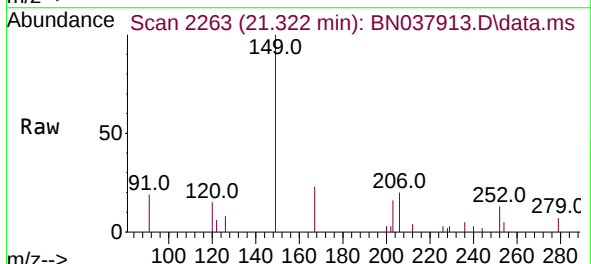


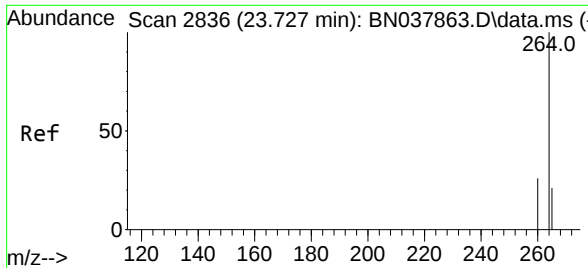
Tgt Ion:244 Resp: 19137
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.6 11.4
 122 16.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: BN037913.D
 Acq: 26 Sep 2025 06:30

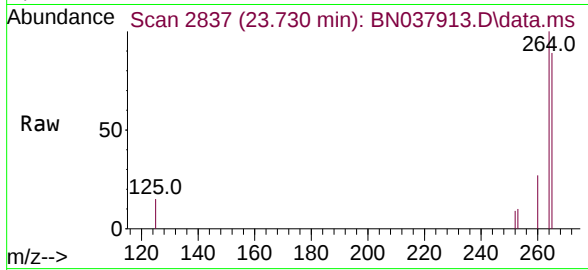
Tgt Ion:149 Resp: 1816
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.4 30.6
 279 4.2 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 12170

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.5	32.3
265	89.3	53.8	80.6

