

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038072.D
 Acq On : 13 Oct 2025 17:24
 Operator : RC/JU
 Sample : Q3292-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251003

Quant Time: Oct 13 17:53:47 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)

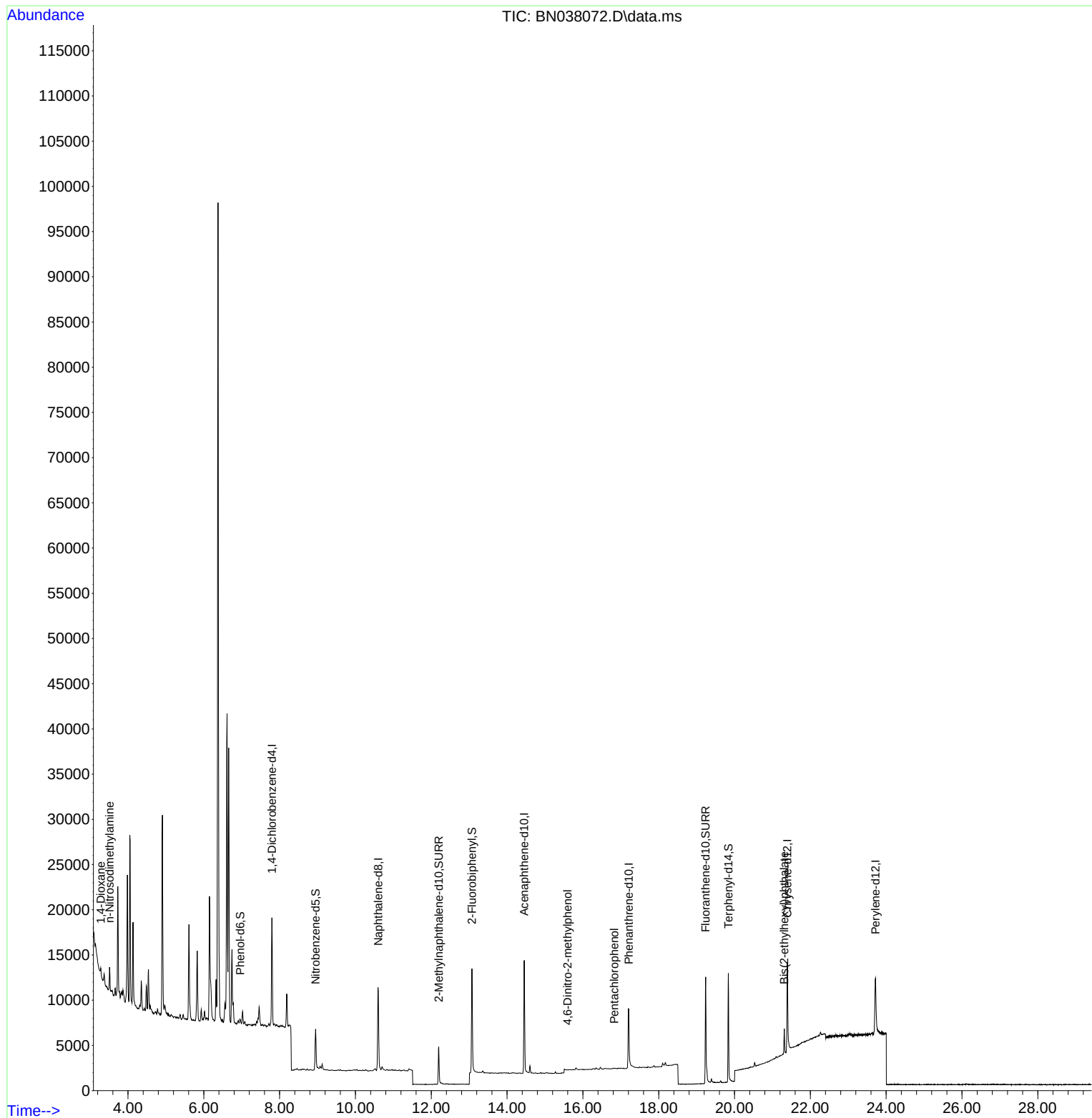
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5762	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	13937	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	7066	0.400	ng	-0.02
19) Phenanthrene-d10	17.210	188	12532	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10826	0.400	ng	# 0.00
35) Perylene-d12	23.715	264	10606	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	163	0.012	ng	-0.01
5) Phenol-d6	6.959	99	565	0.033	ng	-0.01
8) Nitrobenzene-d5	8.950	82	3889	0.366	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	6174	0.319	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	16	0.006	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	11132	0.385	ng	-0.02
27) Fluoranthene-d10	19.238	212	13875	0.440	ng	-0.01
31) Terphenyl-d14	19.838	244	12328	0.572	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	705	0.121	ng	# 77
3) n-Nitrosodimethylamine	3.514	42	382	0.049	ng	# 3
20) 4,6-Dinitro-2-methylph...	15.597	198	2	0.069	ng	# 1
24) Pentachlorophenol	16.826	266	75	0.022	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	2809	0.188	ng	# 97

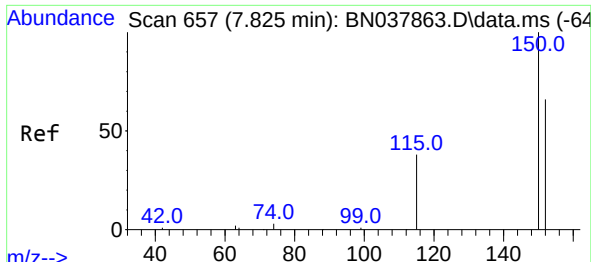
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038072.D
Acq On : 13 Oct 2025 17:24
Operator : RC/JU
Sample : Q3292-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

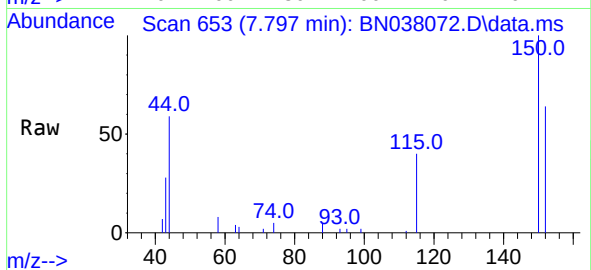
Quant Time: Oct 13 17:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



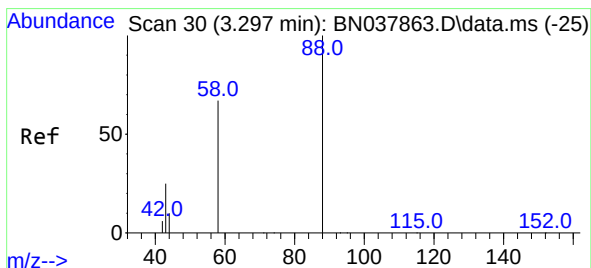
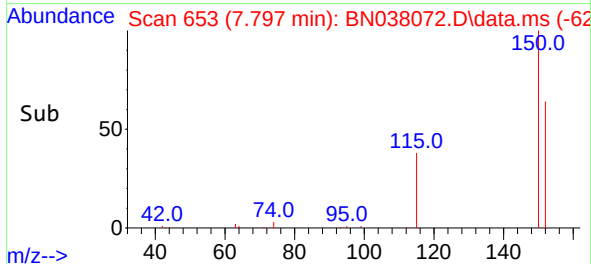
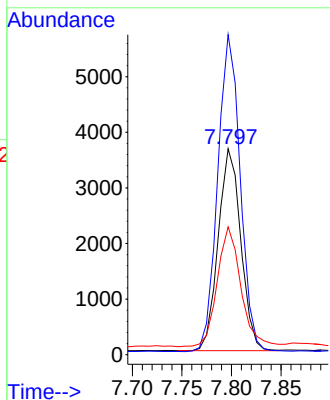


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

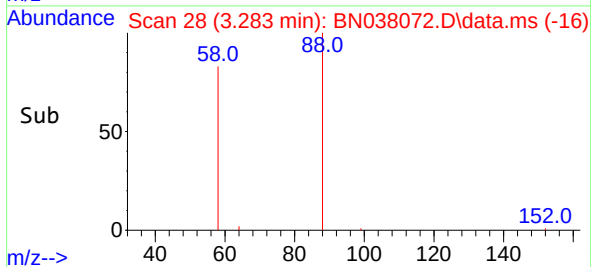
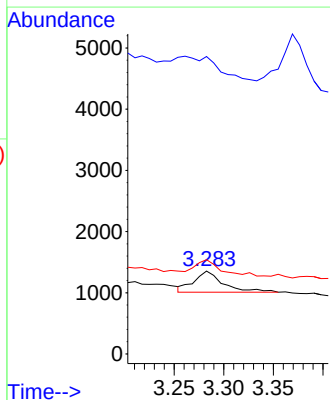
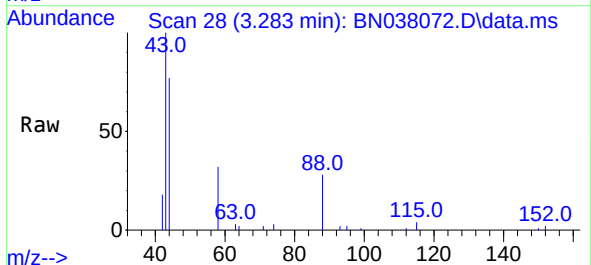


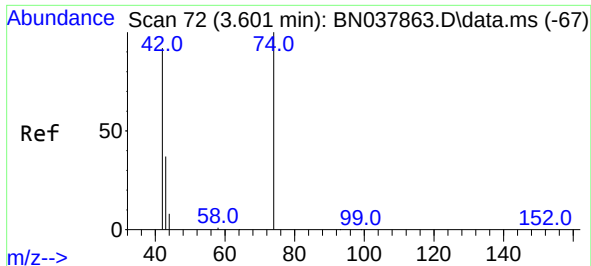
Tgt Ion:152 Resp: 5762
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.4
115 62.1 47.4 71.0



#2
1,4-Dioxane
Concen: 0.121 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion: 88 Resp: 705
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 68.2 58.9 88.3

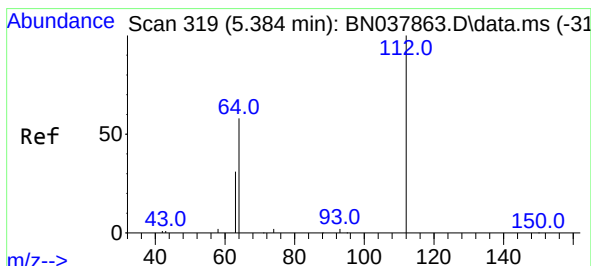
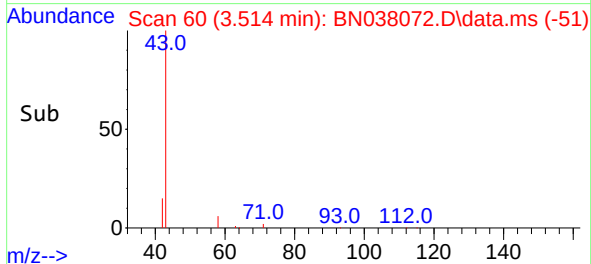
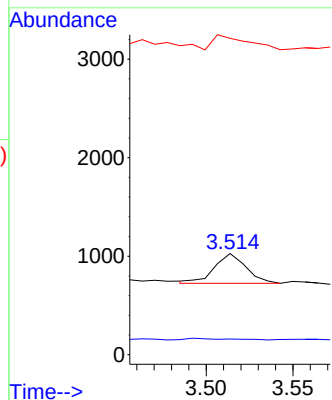
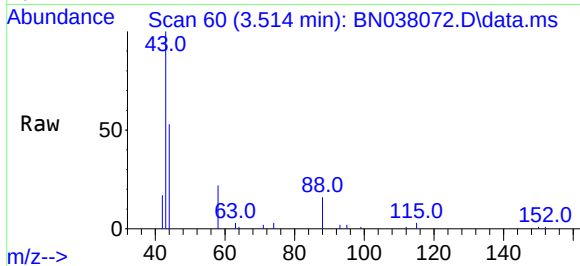




#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.514 min Scan# 60
Delta R.T. -0.087 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

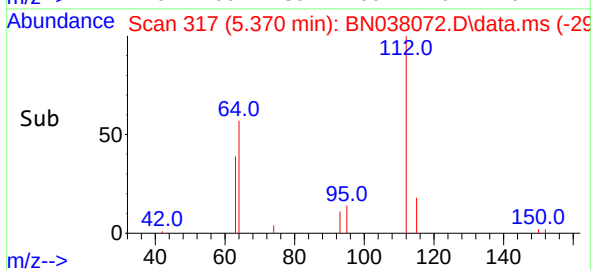
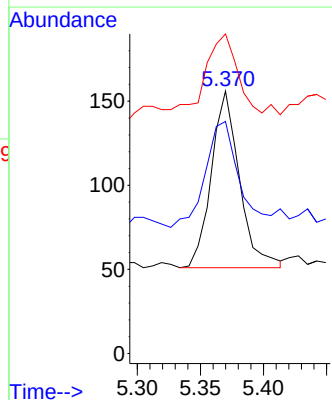
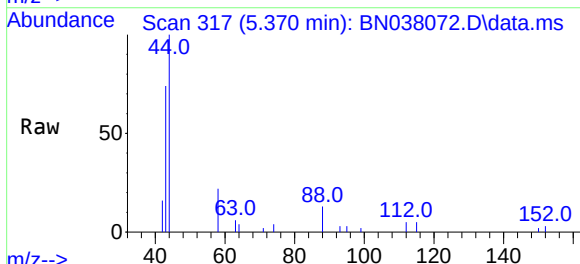
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

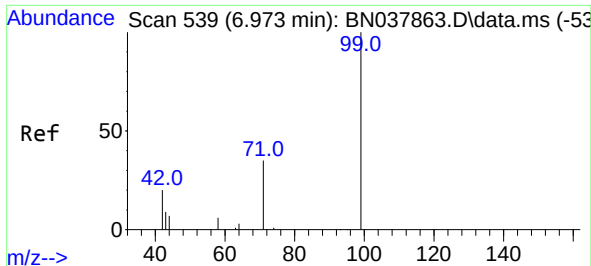
Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
74 0.0 93.4 140.0#
44 57.1 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.012 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion: 112 Resp: 163
Ion Ratio Lower Upper
112 100
64 71.8 44.6 66.8#
63 61.3 24.9 37.3#

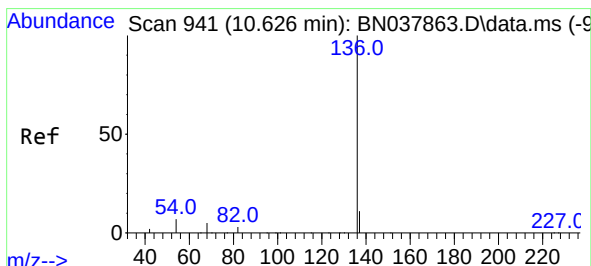
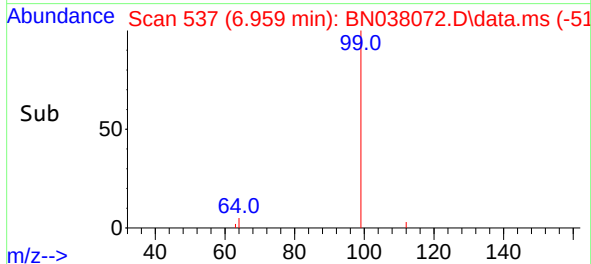
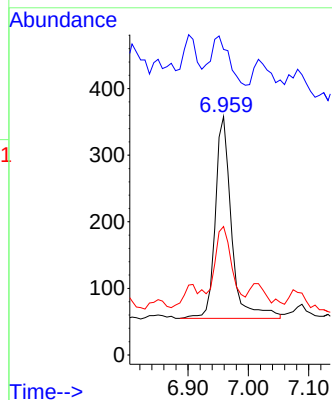
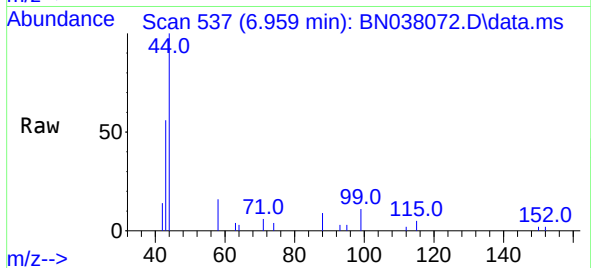




#5
Phenol-d6
Concen: 0.033 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

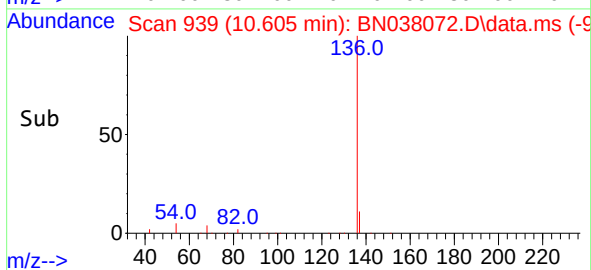
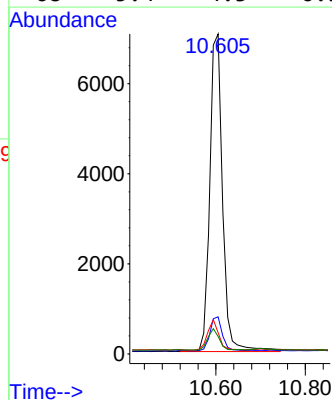
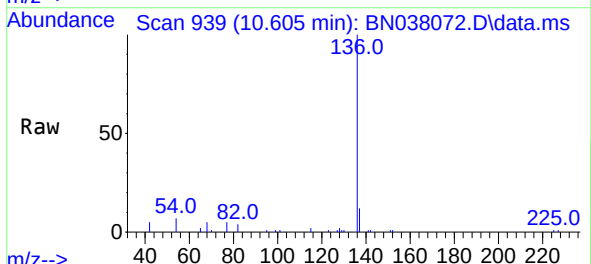
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

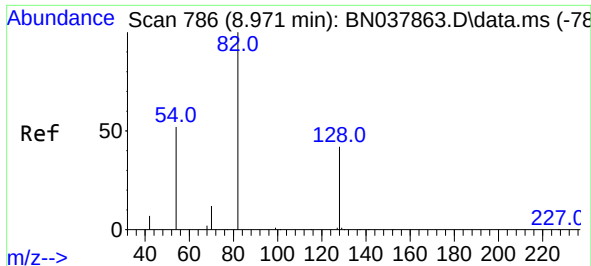
Tgt Ion: 99 Resp: 565
Ion Ratio Lower Upper
99 100
42 27.4 17.2 25.8#
71 34.2 27.3 40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion: 136 Resp: 13937
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 6.7 5.8 8.8
68 5.4 4.3 6.5



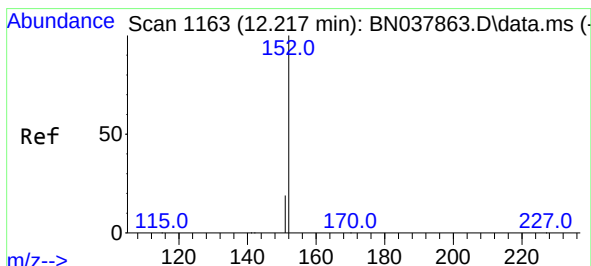
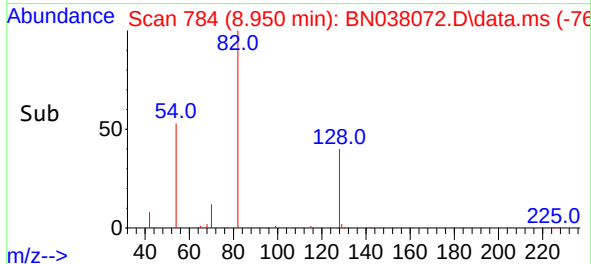
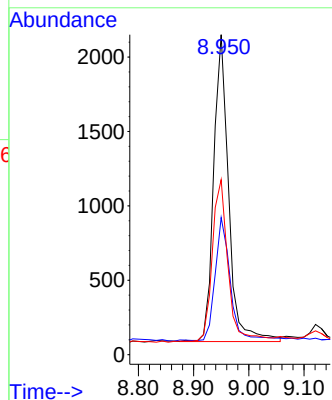
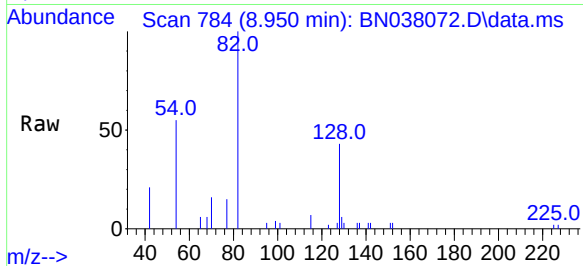


#8
 Nitrobenzene-d5
 Concen: 0.366 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038072.D
 Acq: 13 Oct 2025 17:24

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251003

Tgt Ion: 82 Resp: 3889

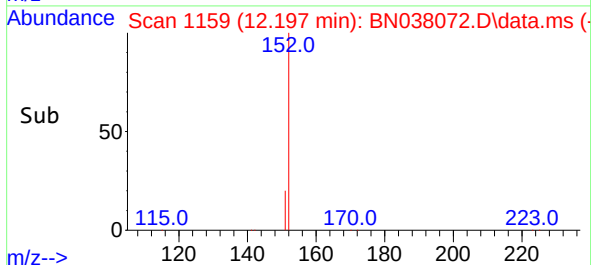
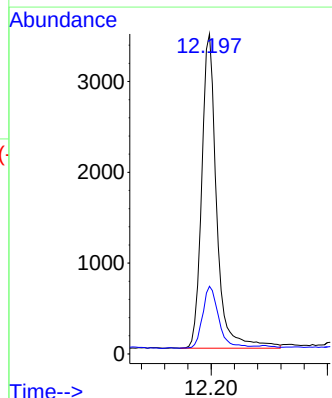
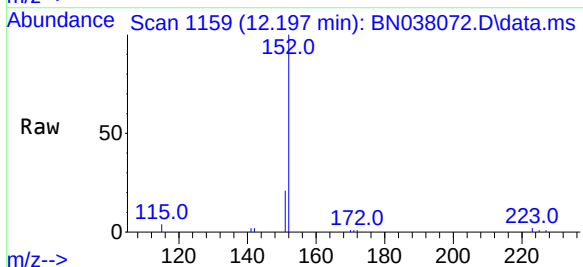
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.8	52.2
54	54.7	42.2	63.2

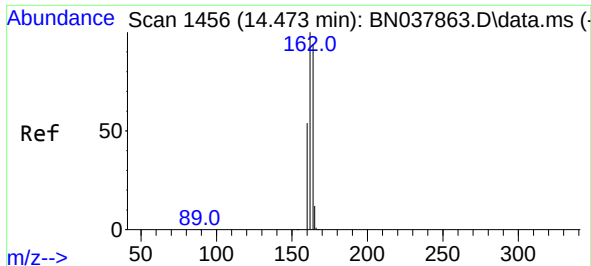


#11
 2-Methylnaphthalene-d10
 Concen: 0.319 ng
 RT: 12.197 min Scan# 1159
 Delta R.T. -0.020 min
 Lab File: BN038072.D
 Acq: 13 Oct 2025 17:24

Tgt Ion: 152 Resp: 6174

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.2

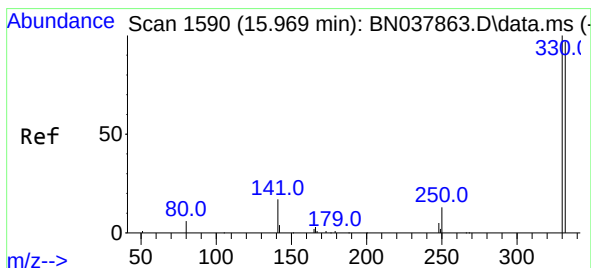
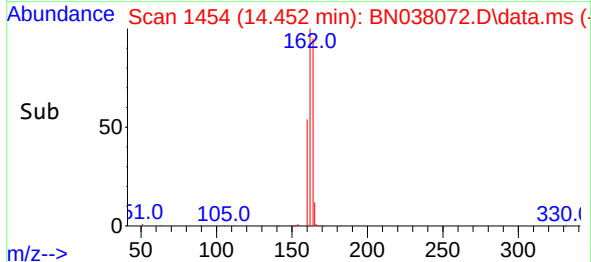
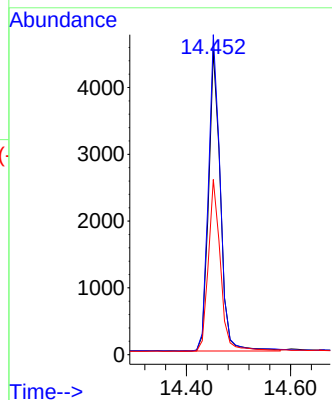
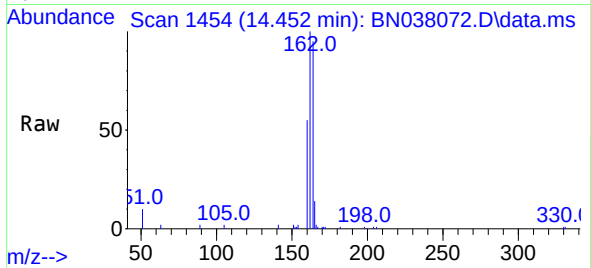




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1456
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

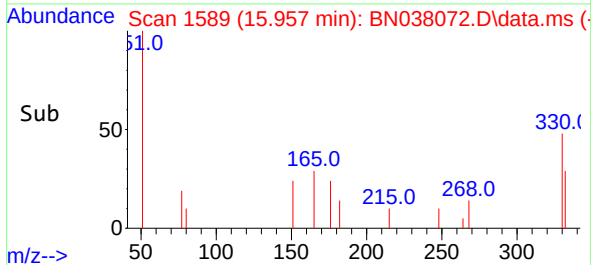
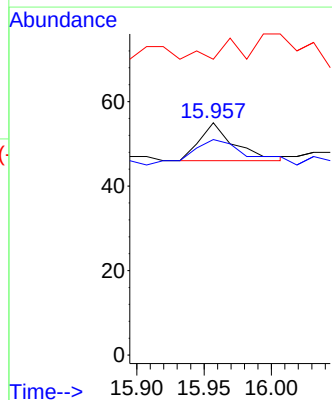
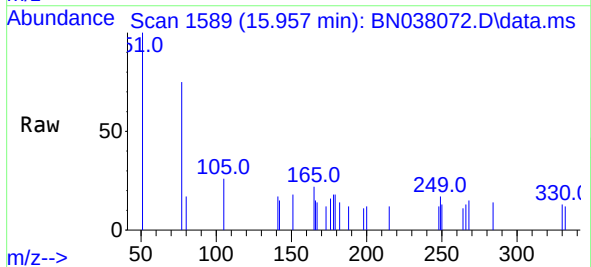
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

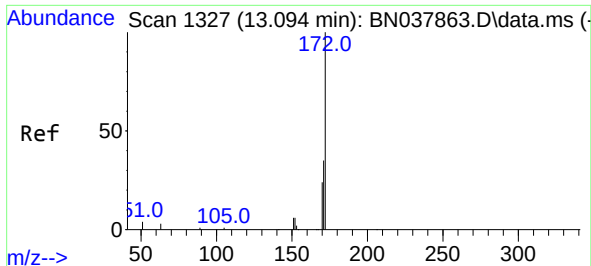
Tgt Ion:164 Resp: 7066
Ion Ratio Lower Upper
164 100
162 105.4 84.8 127.2
160 57.7 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.006 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:330 Resp: 16
Ion Ratio Lower Upper
330 100
332 112.5 77.2 115.8
141 0.0 37.2 55.8#

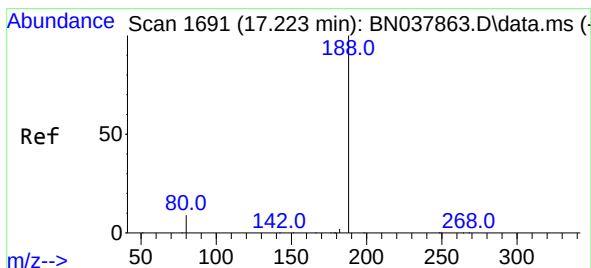
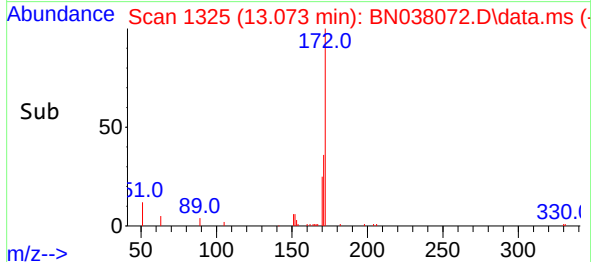
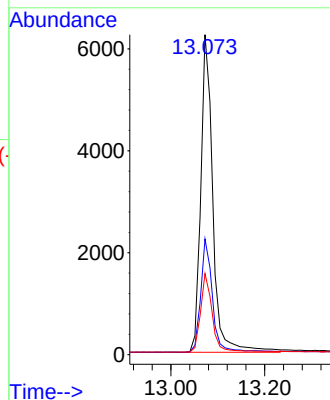
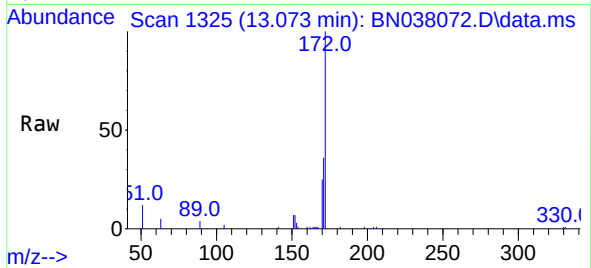




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.073 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

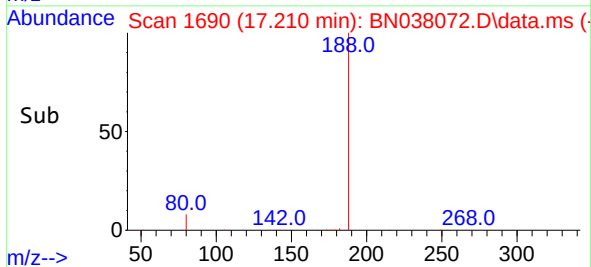
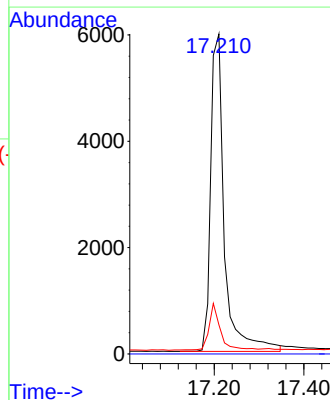
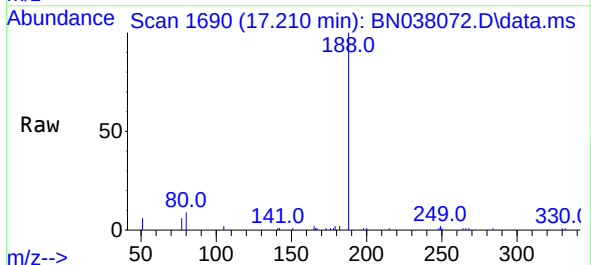
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

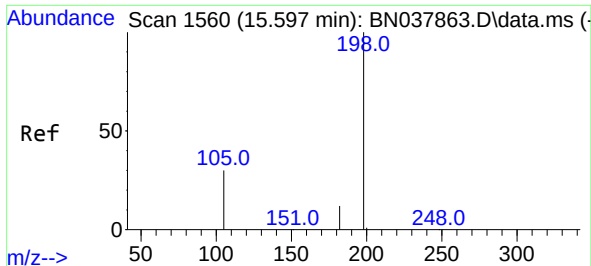
Tgt Ion:172	Resp:	11132
Ion	Ratio	Lower Upper
172	100	
171	36.1	28.6 43.0
170	25.4	19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:188	Resp:	12532
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	9.1	7.6 11.4

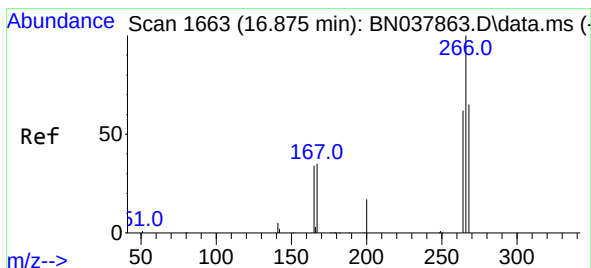
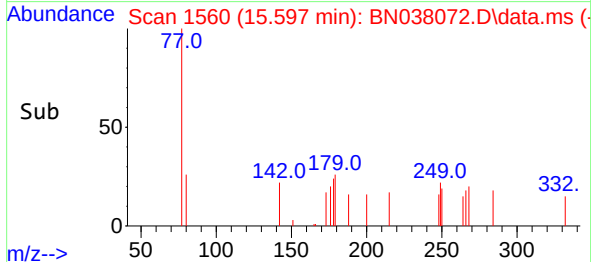
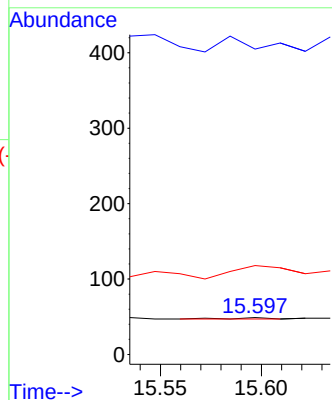
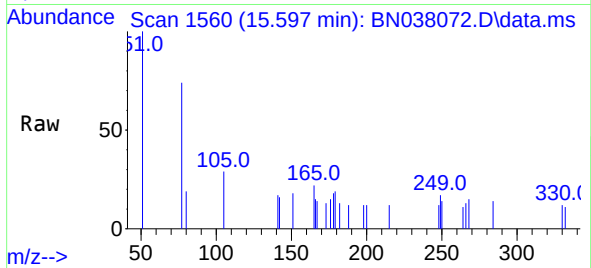




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.597 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

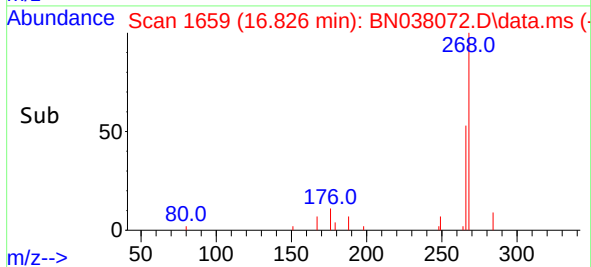
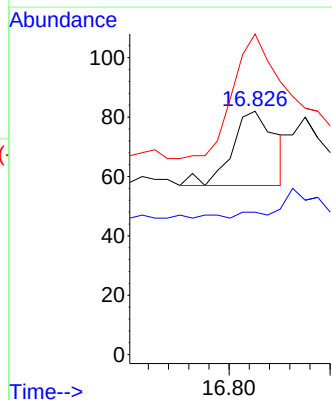
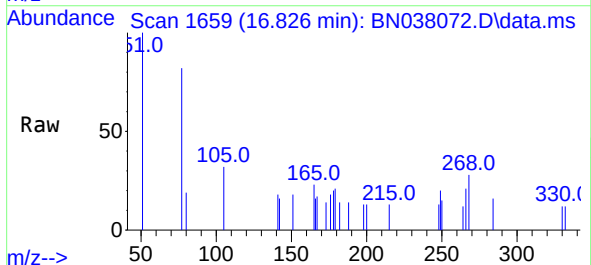
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

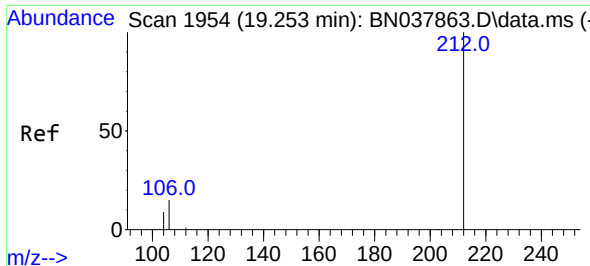
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 826.5 59.1 88.7#
105 240.8 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.826 min Scan# 1659
Delta R.T. -0.049 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:266 Resp: 75
Ion Ratio Lower Upper
266 100
264 0.0 50.9 76.3#
268 246.7 54.3 81.5#

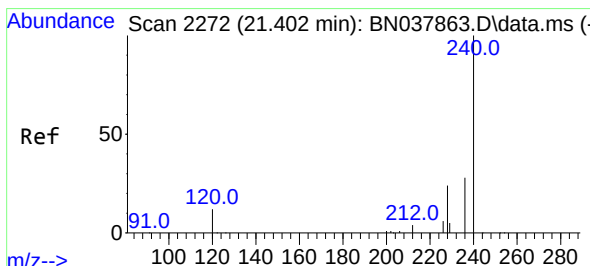
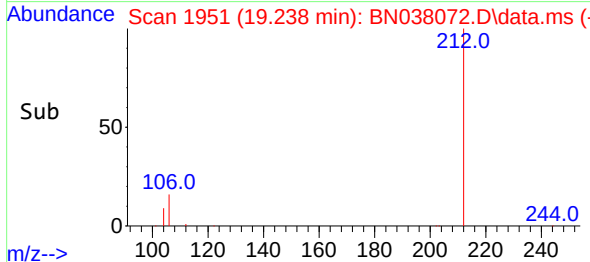
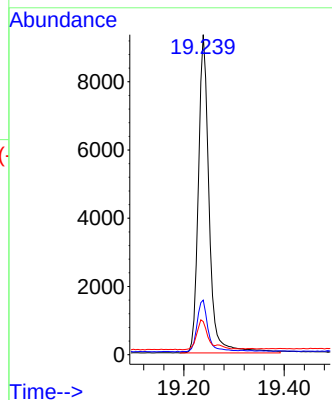
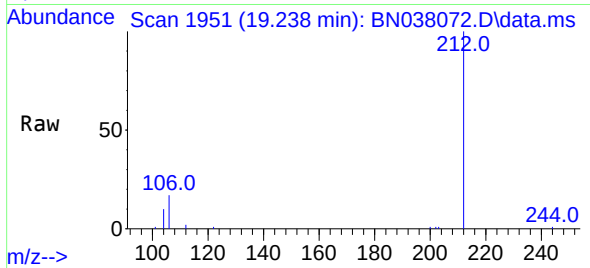




#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

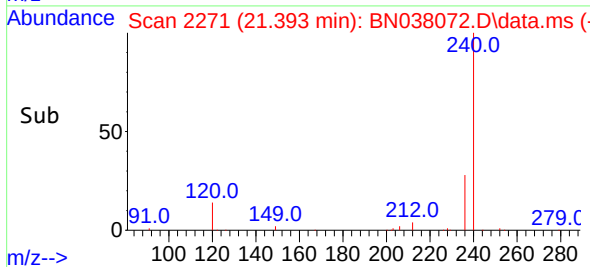
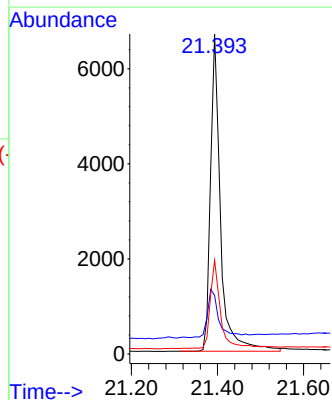
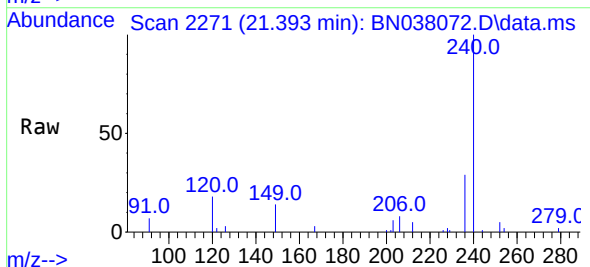
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

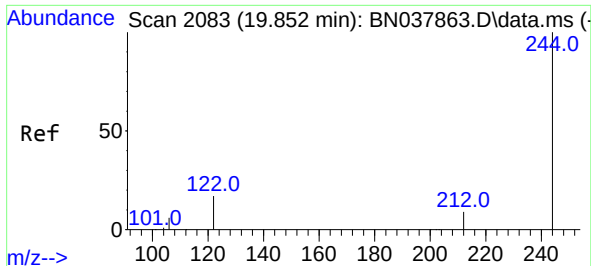
Tgt Ion:212 Resp: 13875
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.1 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:240 Resp: 10826
Ion Ratio Lower Upper
240 100
120 18.3 11.4 17.2#
236 29.3 23.0 34.6

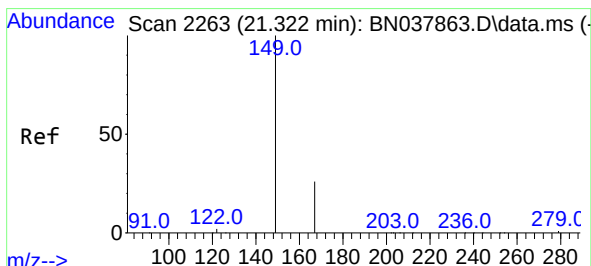
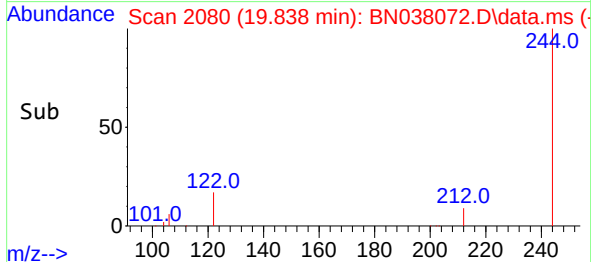
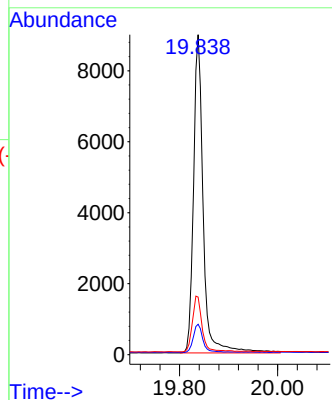
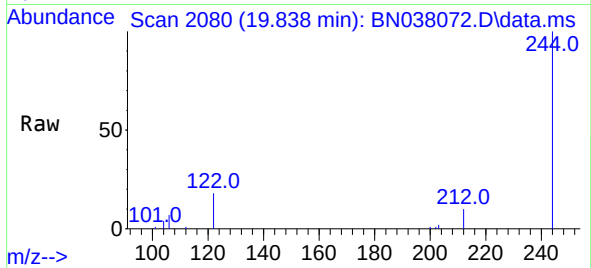




#31
Terphenyl-d14
Concen: 0.572 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

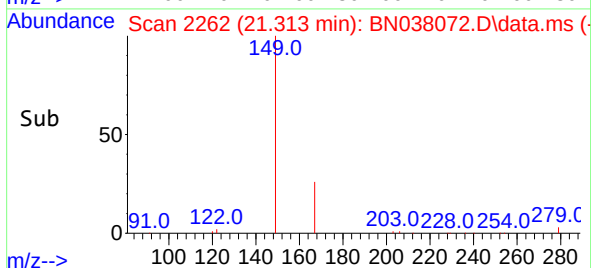
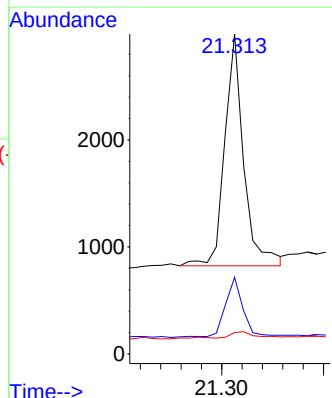
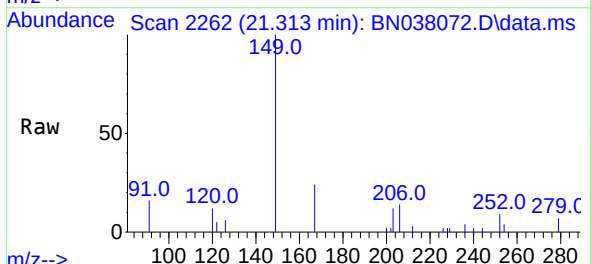
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

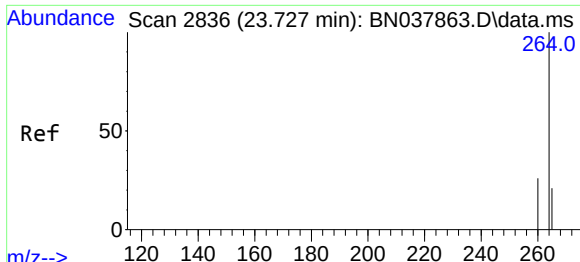
Tgt Ion:244 Resp: 12328
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 18.0 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.188 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

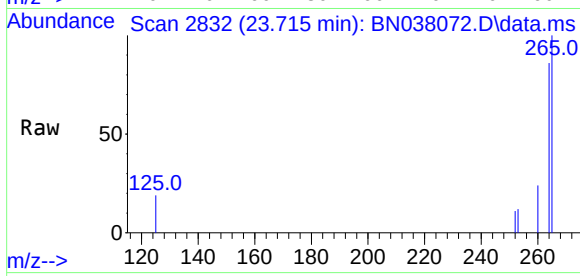
Tgt Ion:149 Resp: 2809
Ion Ratio Lower Upper
149 100
167 23.8 20.4 30.6
279 4.0 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN038072.D
 Acq: 13 Oct 2025 17:24

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251003



Tgt Ion:264 Resp: 10606

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.5	32.3
265	116.4	53.8	80.6

