

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038048.D
 Acq On : 07 Oct 2025 16:18
 Operator : RC/JU
 Sample : Q3236-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250926

Quant Time: Oct 07 16:42:49 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)

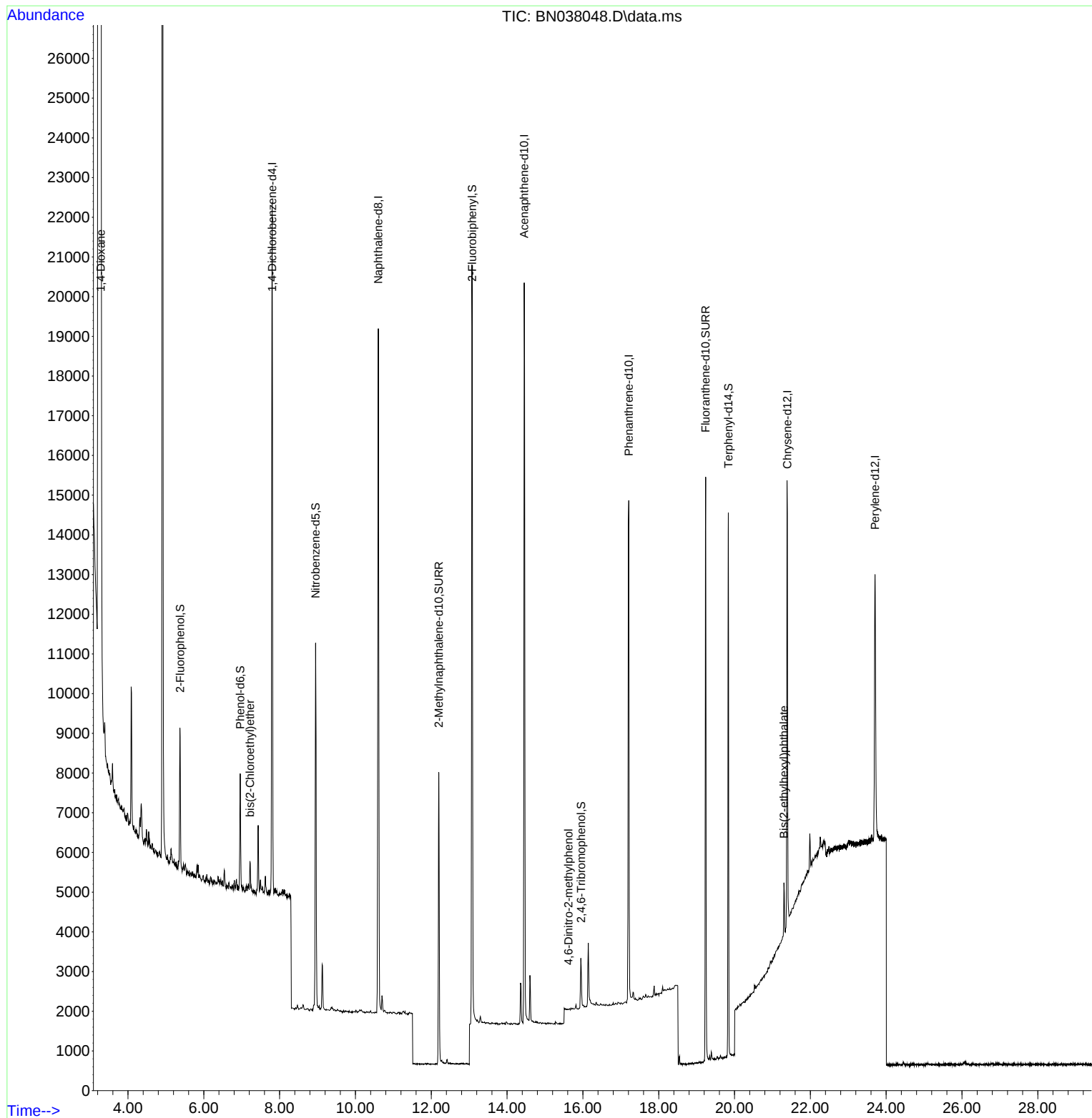
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8271	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22689	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	11124	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	19292	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10954	0.400	ng	0.00
35) Perylene-d12	23.707	264	10266	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2798	0.148	ng	0.00
5) Phenol-d6	6.959	99	2469	0.100	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7188	0.415	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	10158	0.322	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	817	0.194	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17710	0.389	ng	-0.01
27) Fluoranthene-d10	19.239	212	16420	0.338	ng	-0.01
31) Terphenyl-d14	19.838	244	12894	0.591	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	27687	3.297	ng	98
6) bis(2-Chloroethyl)ether	7.219	93	560	0.024	ng	96
20) 4,6-Dinitro-2-methylph...	15.622	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	1361	0.090	ng	# 98

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

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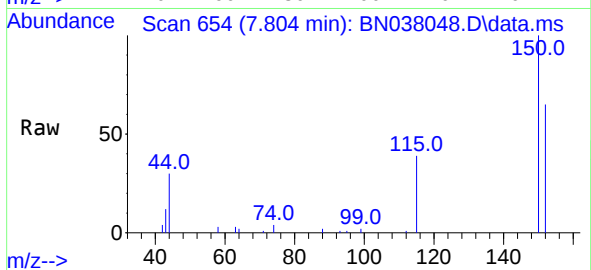
Quant Time: Oct 07 16:42:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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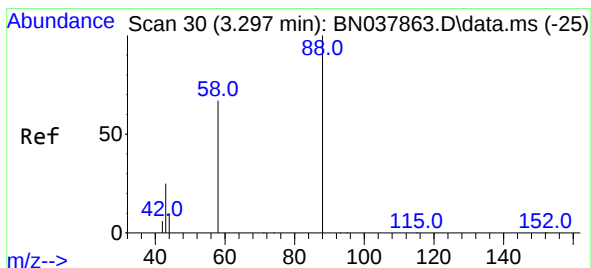
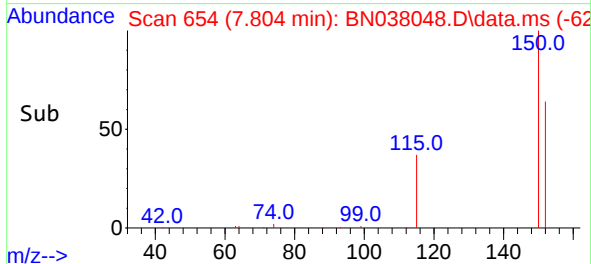
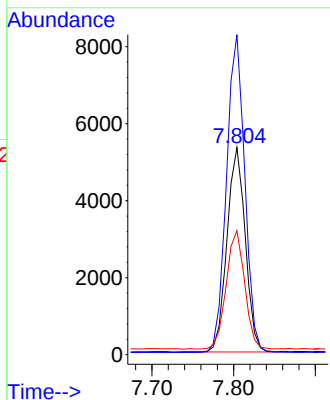


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250926

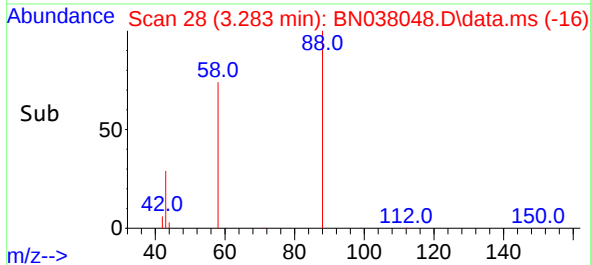
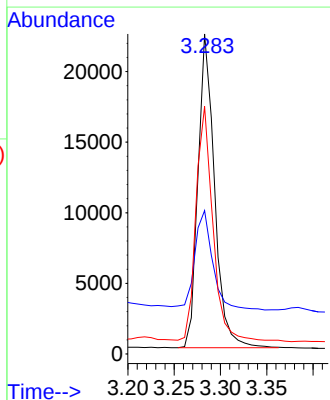
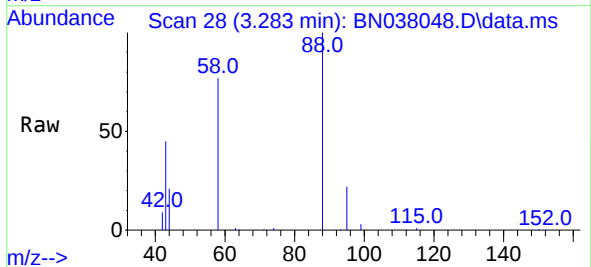


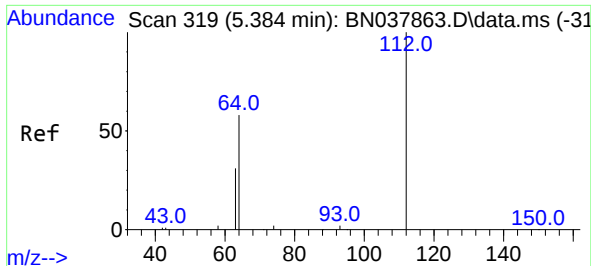
Tgt Ion:152 Resp: 8271
Ion Ratio Lower Upper
152 100
150 154.5 121.0 181.4
115 59.8 47.4 71.0



#2
1,4-Dioxane
Concen: 3.297 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.014 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion: 88 Resp: 27687
Ion Ratio Lower Upper
88 100
43 34.5 26.6 39.8
58 74.9 58.9 88.3

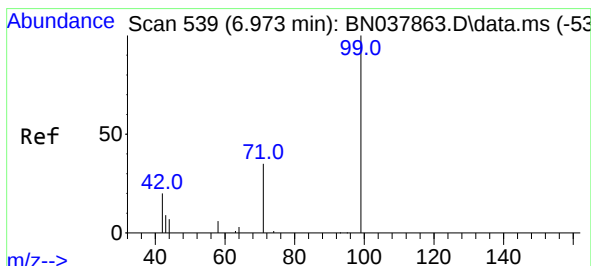
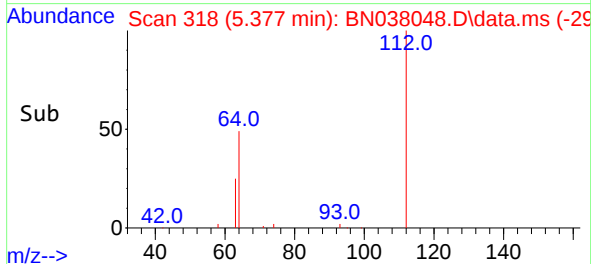
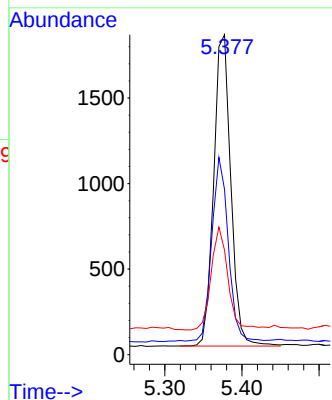
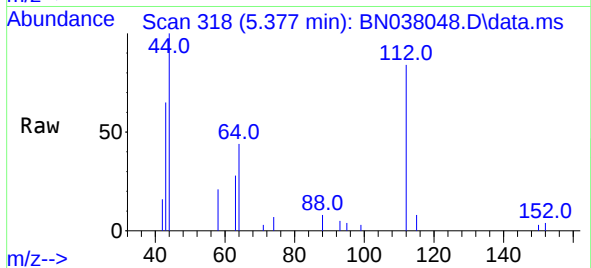




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

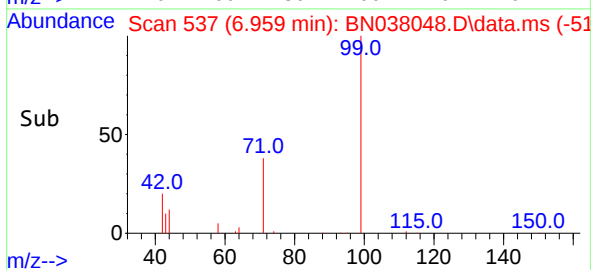
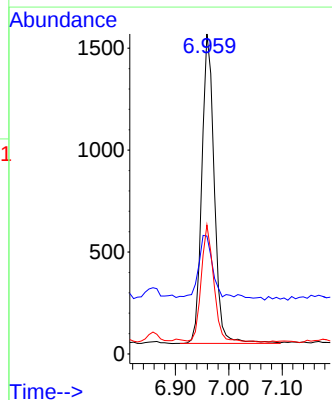
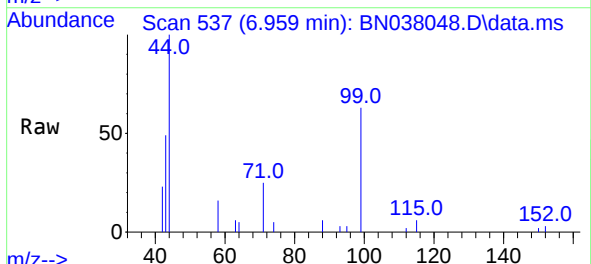
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250926

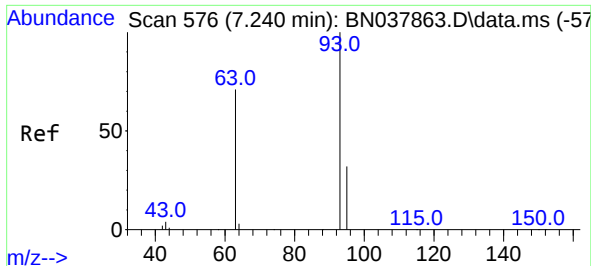
Tgt Ion:112 Resp: 2798
Ion Ratio Lower Upper
112 100
64 57.4 44.6 66.8
63 32.2 24.9 37.3



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion: 99 Resp: 2469
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 37.7 27.3 40.9

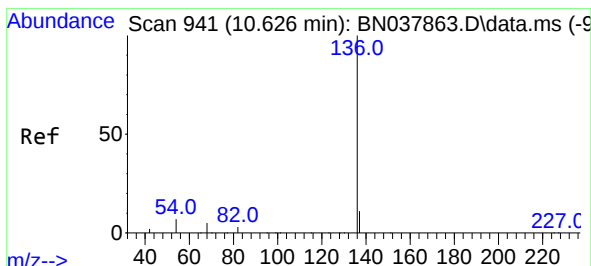
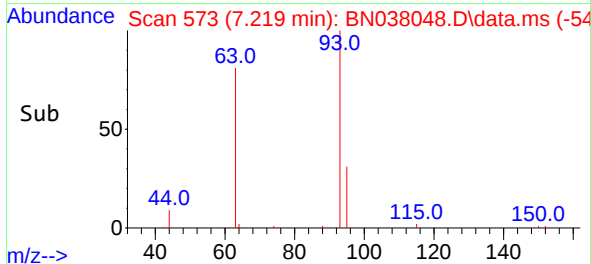
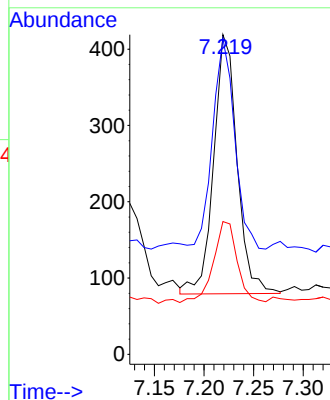
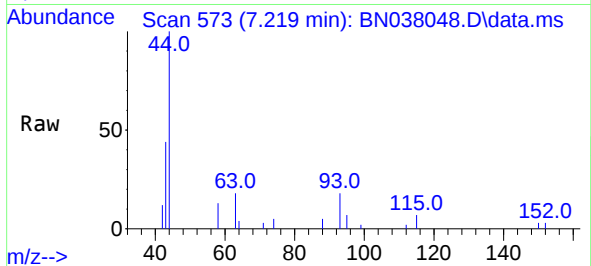




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.219 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

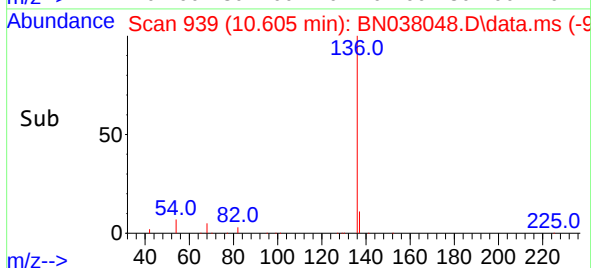
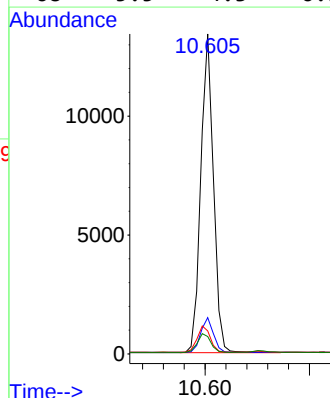
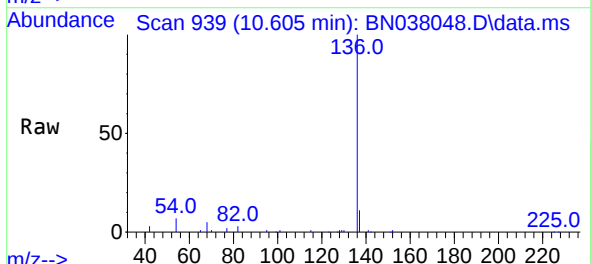
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250926

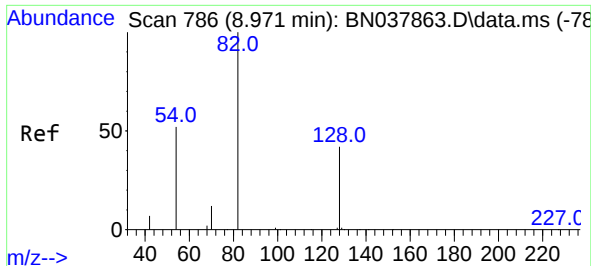
Tgt Ion: 93	Resp: 560
Ion Ratio	Lower Upper
93 100	
63 80.4	60.1 90.1
95 31.6	25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt	Ion:136	Resp:	22689
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.2	5.8	8.8
68	5.5	4.3	6.5

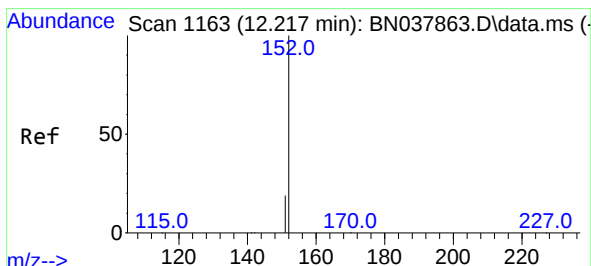
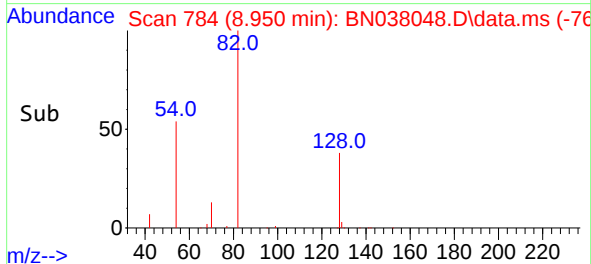
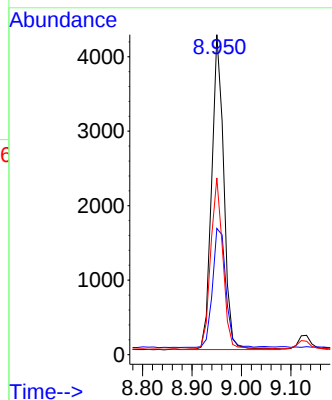
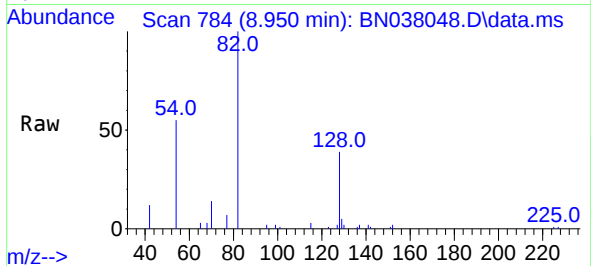




#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.950 min Scan# 7188
Delta R.T. -0.021 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

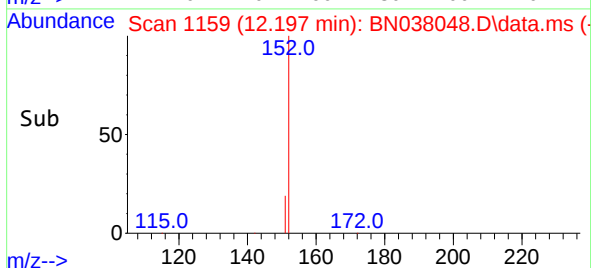
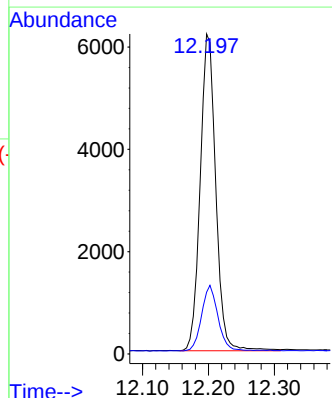
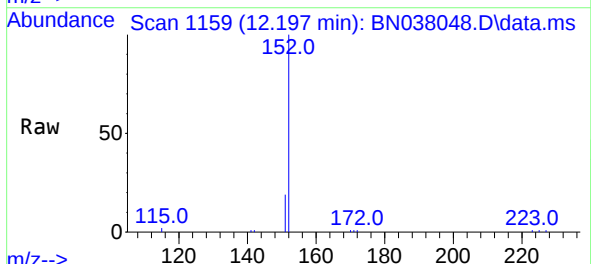
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250926

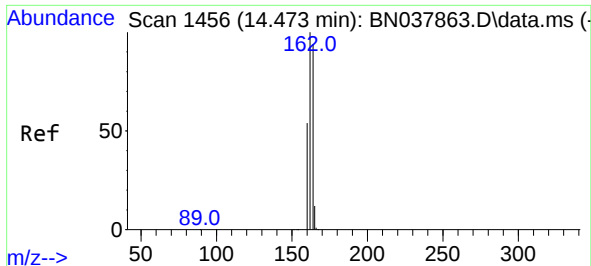
Tgt Ion:	82	Resp:	7188
Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.8	52.2
54	55.2	42.2	63.2



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion:	152	Resp:	10158
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2

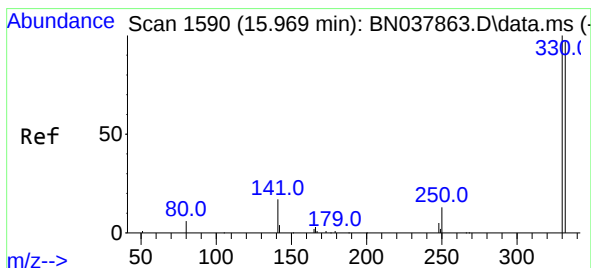
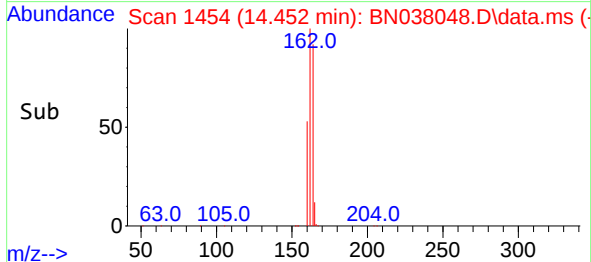
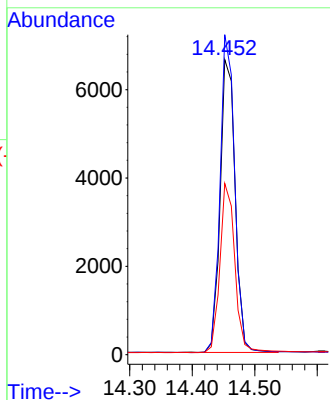
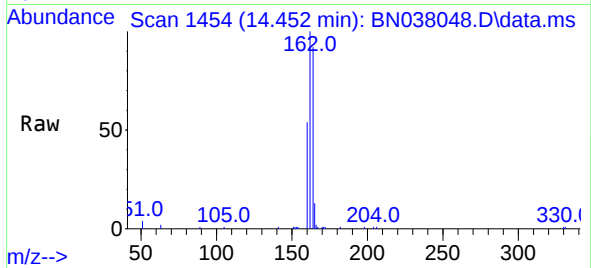




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.452 min Scan# 1456
 Delta R.T. -0.021 min
 Lab File: BN038048.D
 Acq: 07 Oct 2025 16:18

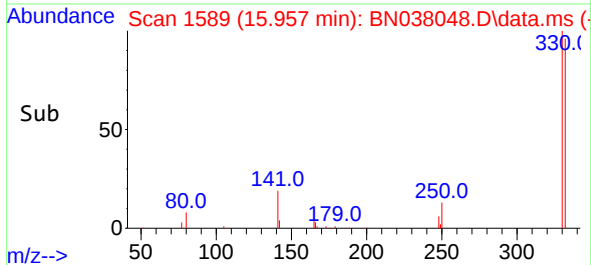
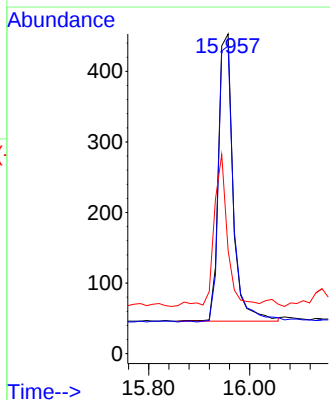
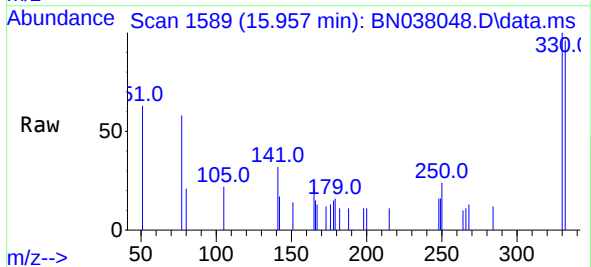
Instrument :
 BNA_N
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 RW7-SP100-20250926

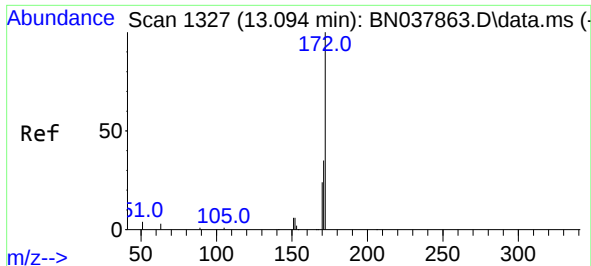
Tgt Ion:164 Resp: 11124
 Ion Ratio Lower Upper
 164 100
 162 108.4 84.8 127.2
 160 58.0 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 0.194 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN038048.D
 Acq: 07 Oct 2025 16:18

Tgt Ion:330 Resp: 817
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.2 115.8
 141 48.7 37.2 55.8

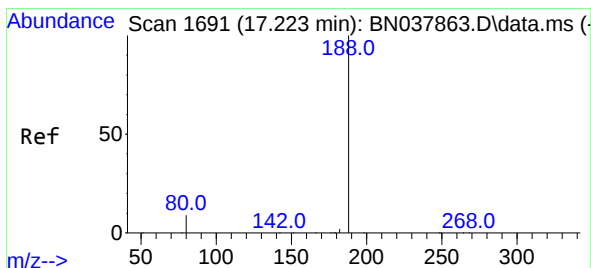
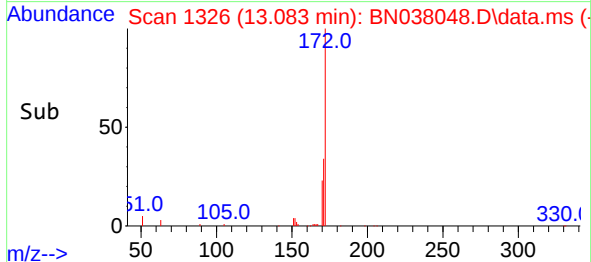
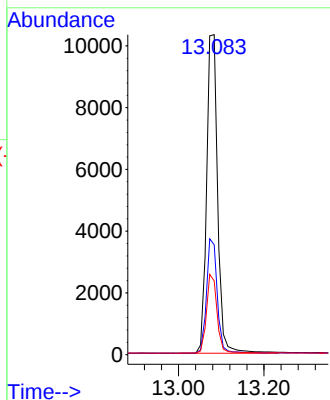
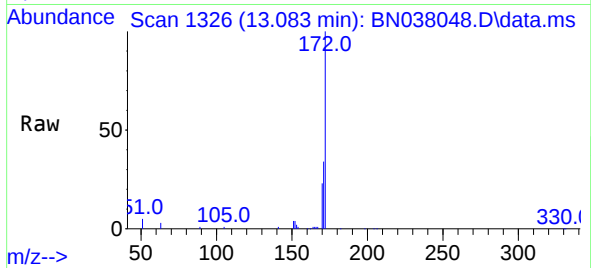




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

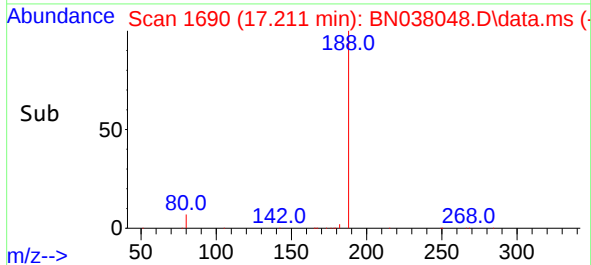
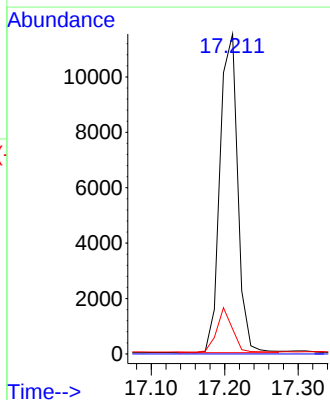
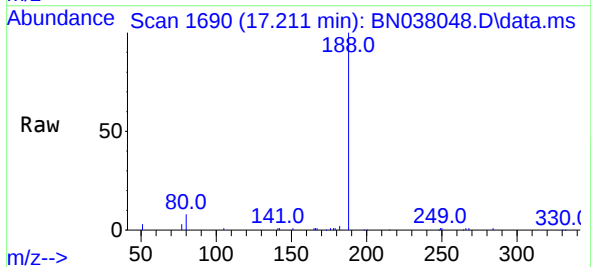
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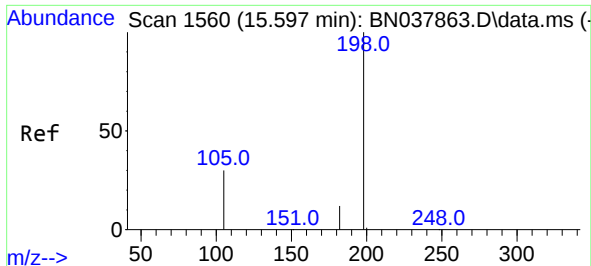
Tgt Ion:172	Resp:	17710
Ion	Ratio	Lower Upper
172	100	
171	34.3	28.6 43.0
170	23.1	19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion:188	Resp:	19292
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	7.8	7.6 11.4

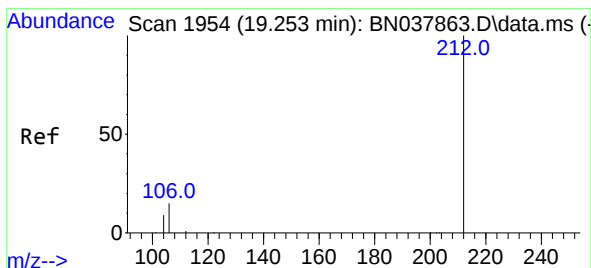
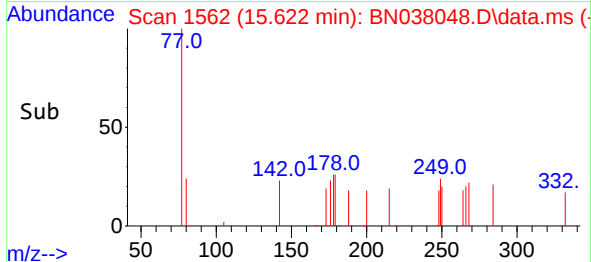
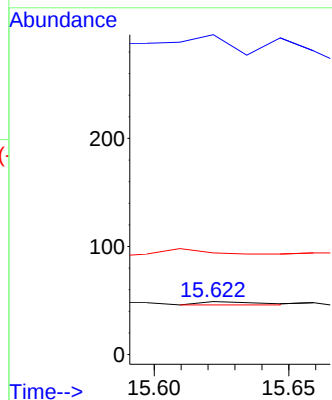
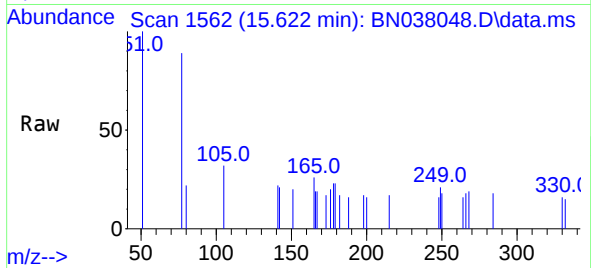




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.622 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

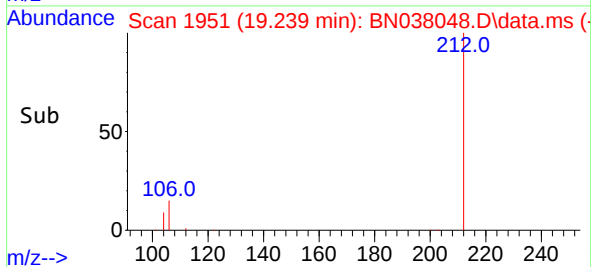
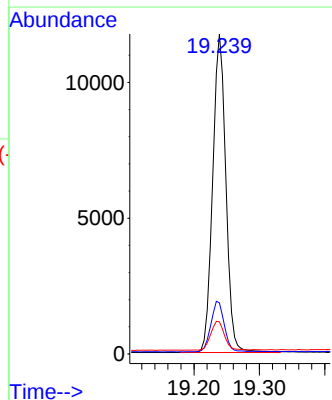
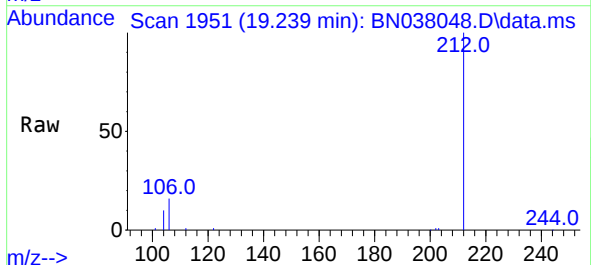
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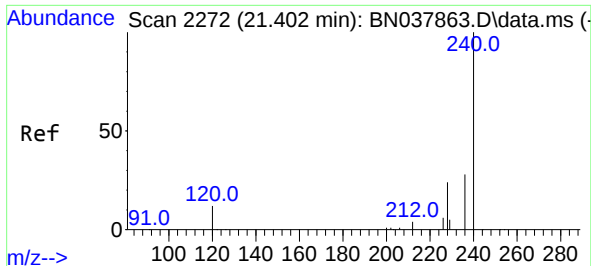
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 604.1 59.1 88.7#
105 191.8 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion:212 Resp: 16420
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.5 7.4 11.0

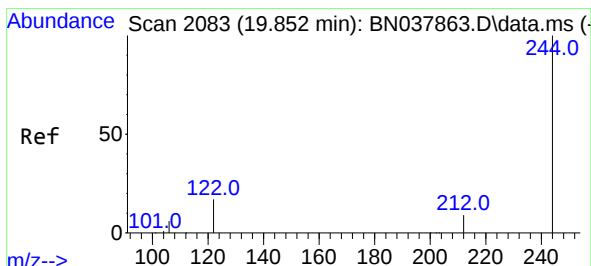
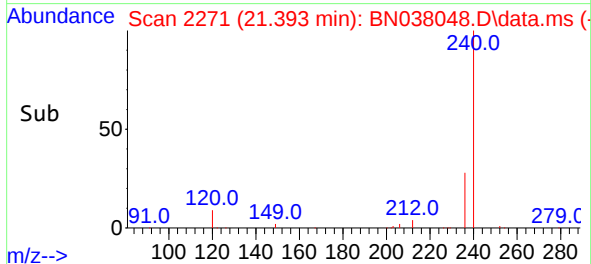
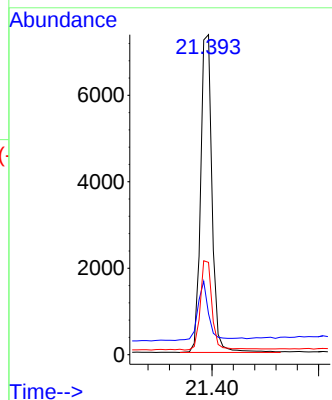
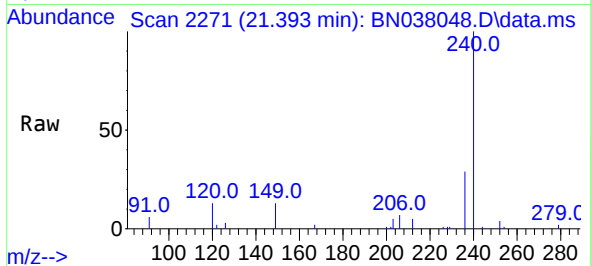




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

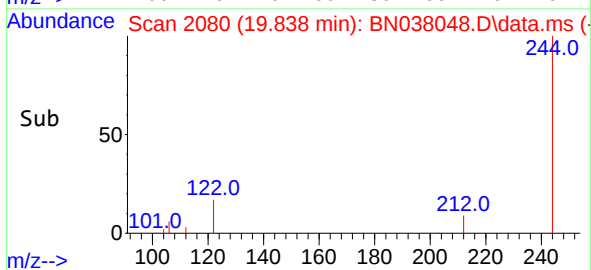
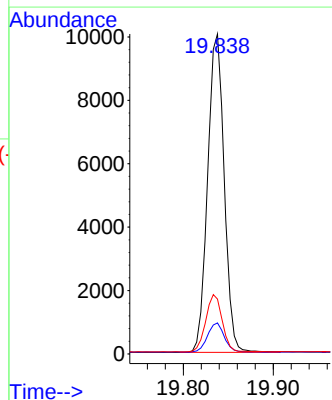
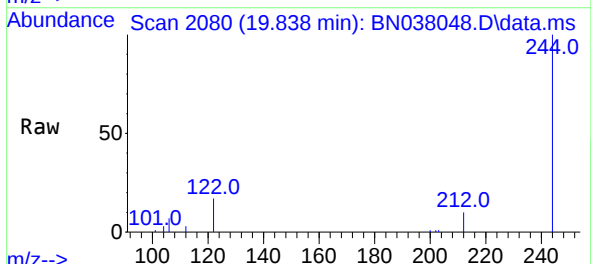
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250926

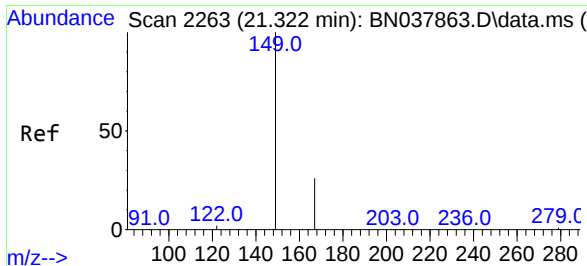
Tgt Ion:	240	Resp:	10954
Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.4	17.2
236	28.8	23.0	34.6



#31
Terphenyl-d14
Concen: 0.591 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion:	244	Resp:	12894
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.6	11.4
122	17.2	13.9	20.9

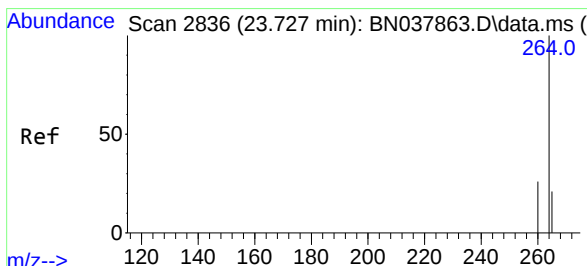
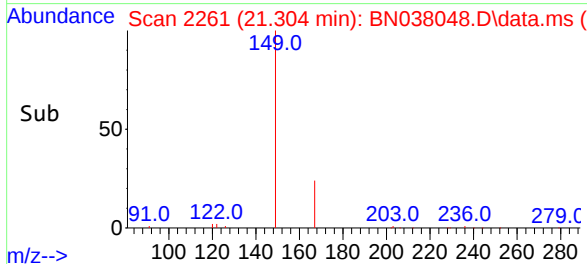
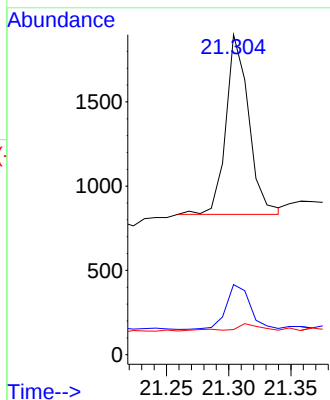
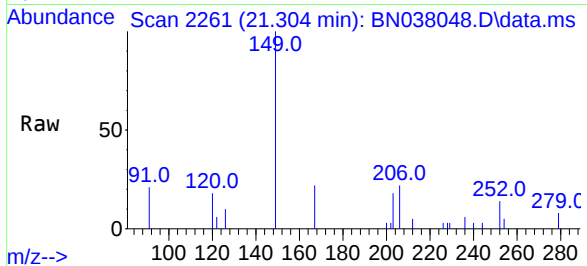




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.090 ng
RT: 21.304 min Scan# 2130
Delta R.T. -0.018 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250926

Tgt Ion:149 Resp: 1361
Ion Ratio Lower Upper
149 100
167 26.4 20.4 30.6
279 4.8 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.707 min Scan# 2829
Delta R.T. -0.020 min
Lab File: BN038048.D
Acq: 07 Oct 2025 16:18

Tgt Ion:264 Resp: 10266
Ion Ratio Lower Upper
264 100
260 26.2 21.5 32.3
265 106.6 53.8 80.6#

