

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038389.D
 Acq On : 13 Dec 2025 16:28
 Operator : RC/JU
 Sample : Q3839-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B09

Quant Time: Dec 14 22:24:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

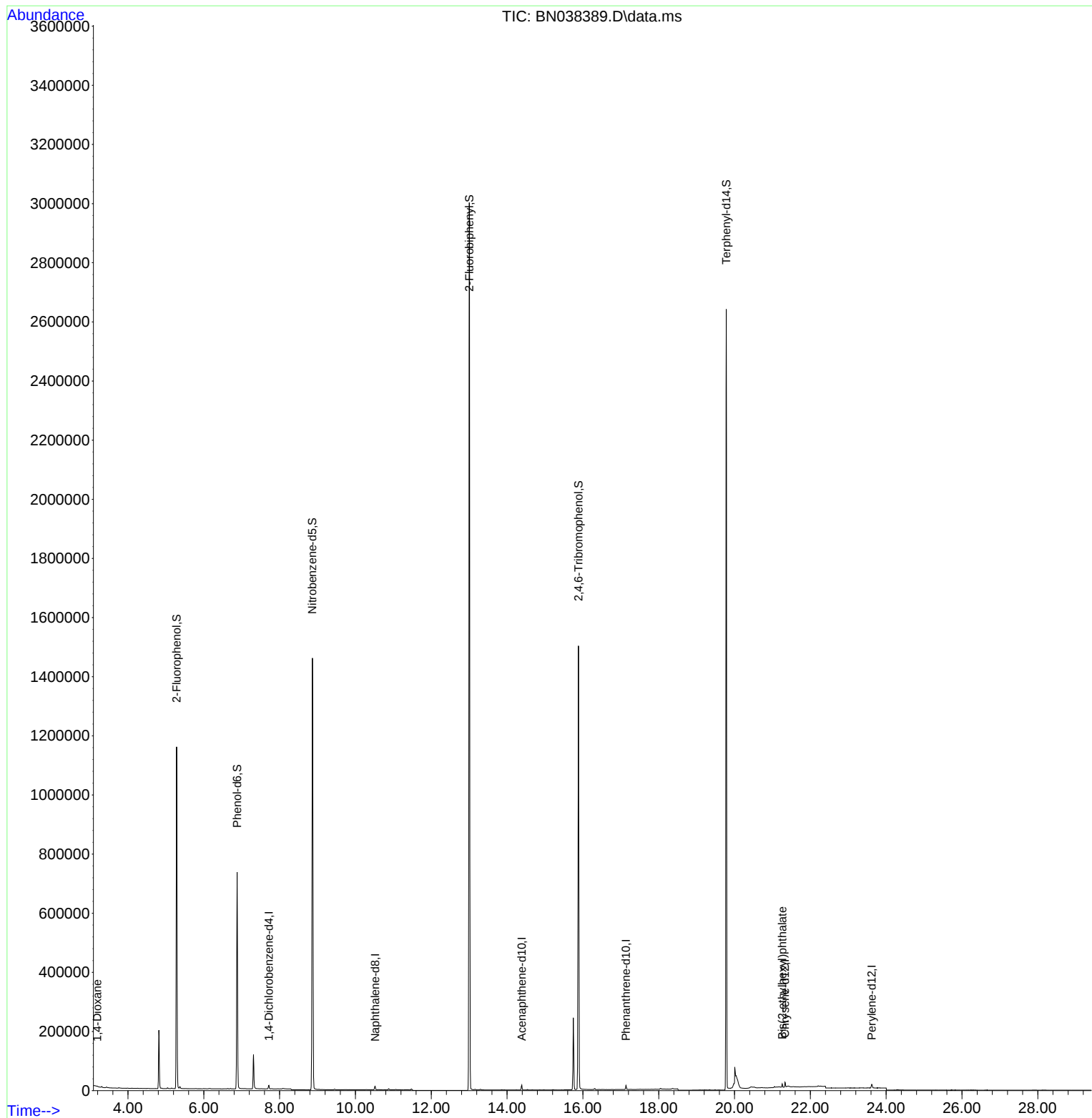
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5937	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	17153	0.400	ng	-0.01
13) Acenaphthene-d10	14.388	164	9499	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	17358	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	15003	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	16496	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	864059	58.438	ng	0.00
5) Phenol-d6	6.879	99	664957	37.830	ng	0.00
8) Nitrobenzene-d5	8.865	82	1114899	77.058	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	24	0.001	ng	-0.04
14) 2,4,6-Tribromophenol	15.883	330	816232	193.684	ng	-0.01
15) 2-Fluorobiphenyl	13.004	172	3196252	69.845	ng	0.00
27) Fluoranthene-d10	19.174	212	78	0.002	ng	-0.01
31) Terphenyl-d14	19.782	244	2485297	74.228	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	795	0.117	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.259	149	9260	0.291	ng	# 95

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

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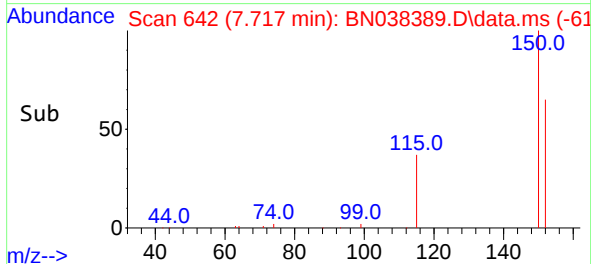
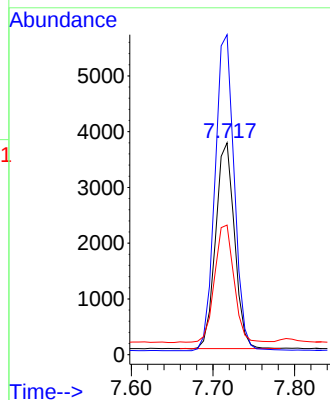
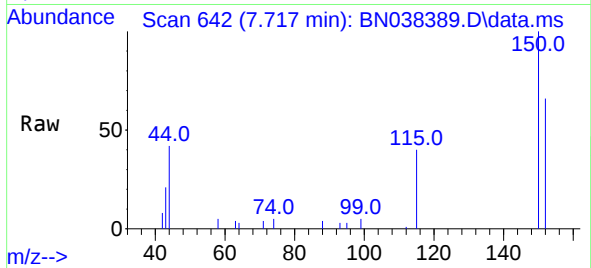




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

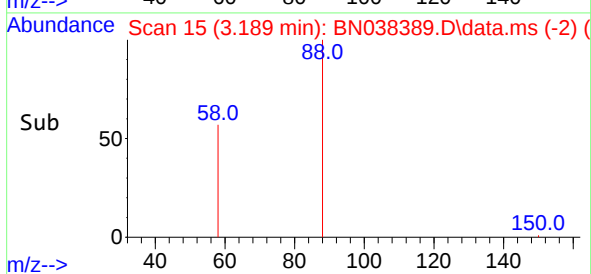
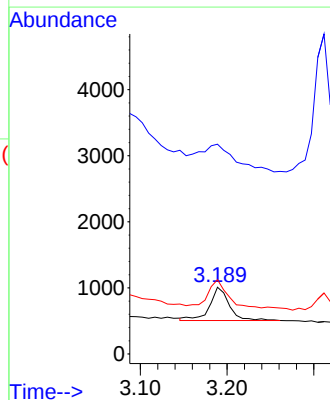
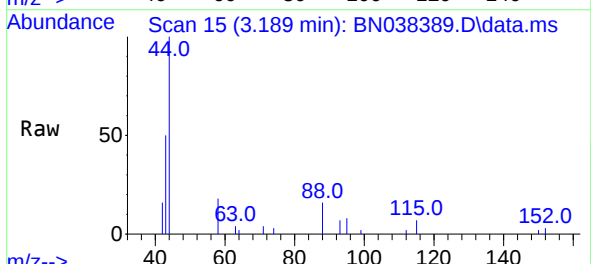
Instrument :
BNA_N
ClientSampleId :
C0B09

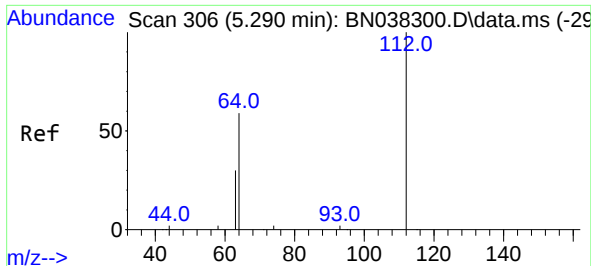
Tgt Ion:152 Resp: 5937
Ion Ratio Lower Upper
152 100
150 151.1 122.4 183.6
115 61.2 47.3 70.9



#2
1,4-Dioxane
Concen: 0.117 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Tgt Ion: 88 Resp: 795
Ion Ratio Lower Upper
88 100
43 140.6 24.9 37.3#
58 85.3 61.4 92.0

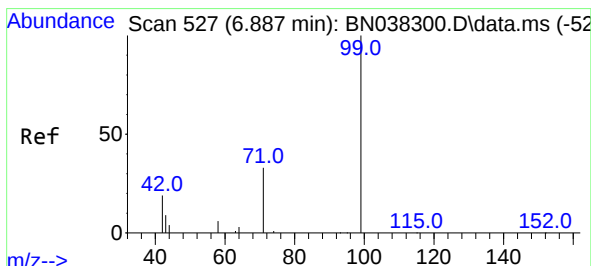
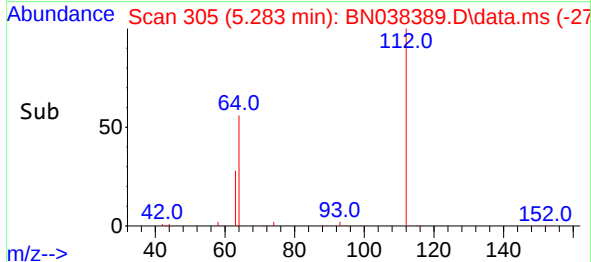
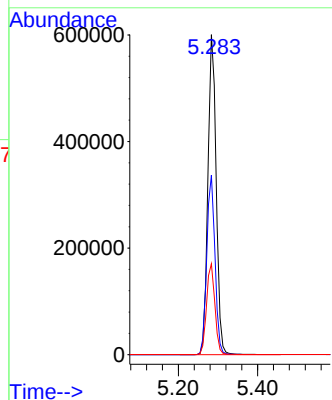
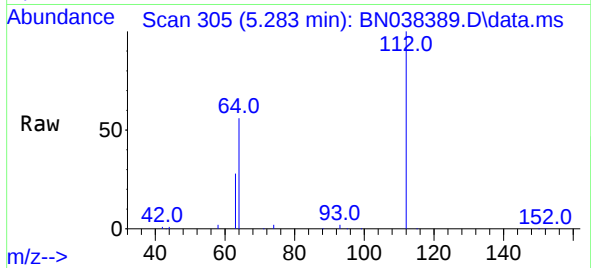




#4
2-Fluorophenol
Concen: 58.438 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

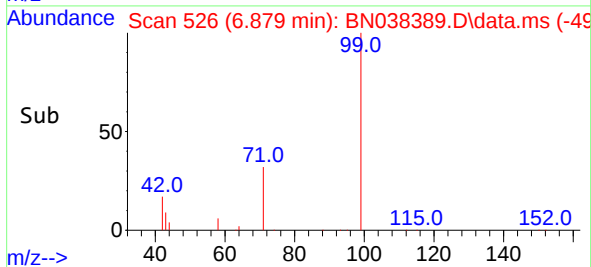
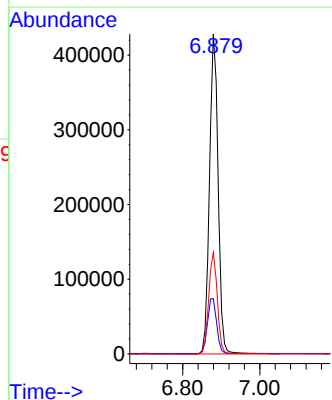
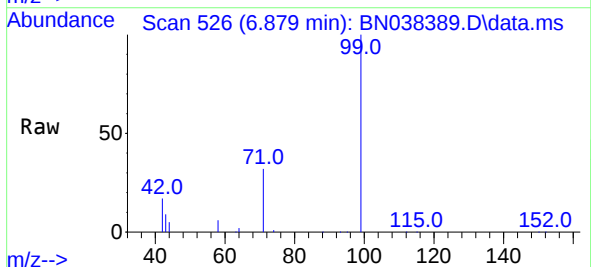
Instrument :
BNA_N
ClientSampleId :
C0B09

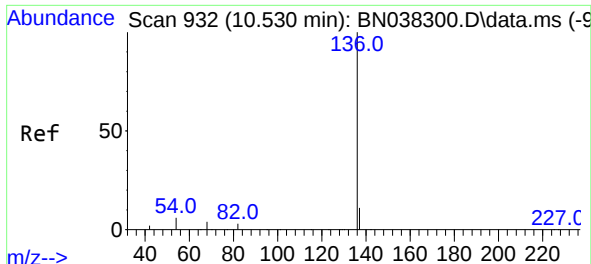
Tgt Ion:112 Resp: 864059
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 28.7 23.4 35.0



#5
Phenol-d6
Concen: 37.830 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Tgt Ion: 99 Resp: 664957
Ion Ratio Lower Upper
99 100
42 18.3 16.5 24.7
71 31.5 24.9 37.3

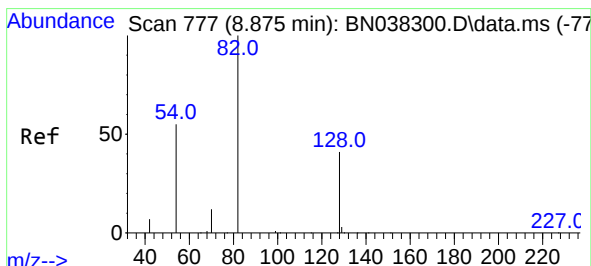
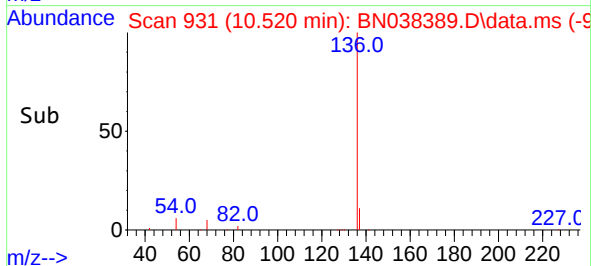
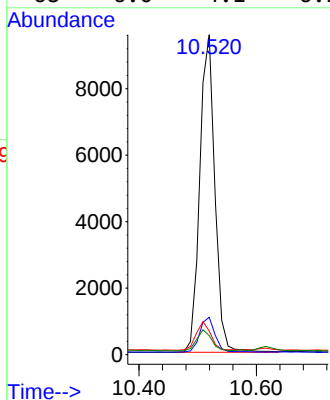
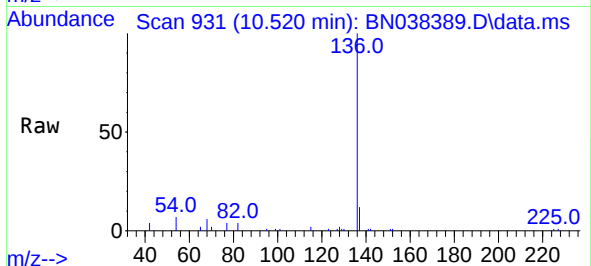




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

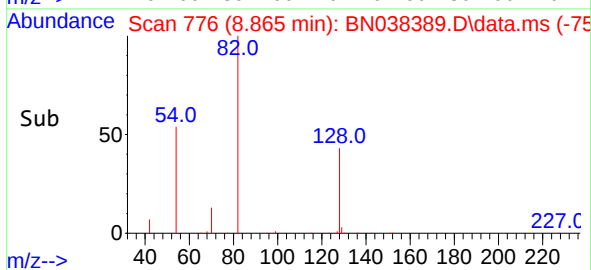
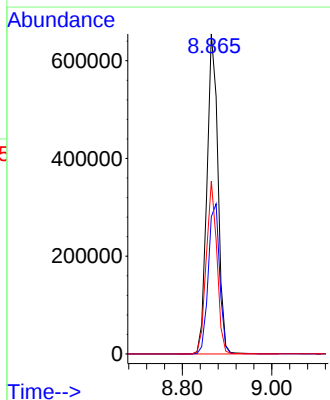
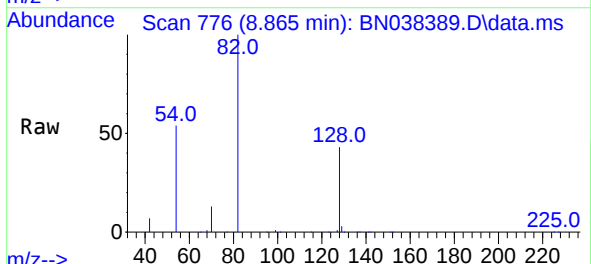
Instrument :
BNA_N
ClientSampleId :
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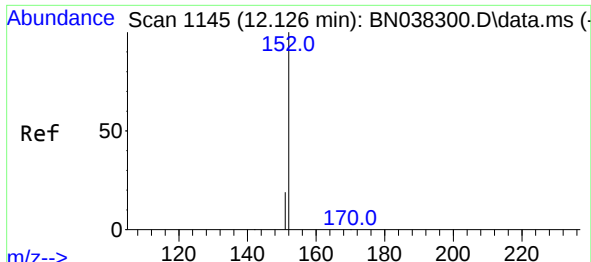
Tgt Ion:	136	Resp:	17153
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.4	5.2	7.8
68	6.0	4.1	6.1



#8
Nitrobenzene-d5
Concen: 77.058 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Tgt Ion:	82	Resp:	1114899
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	53.9	44.4	66.6

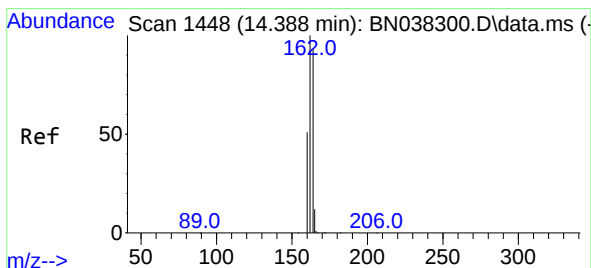
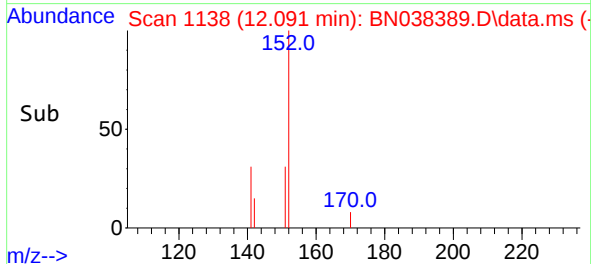
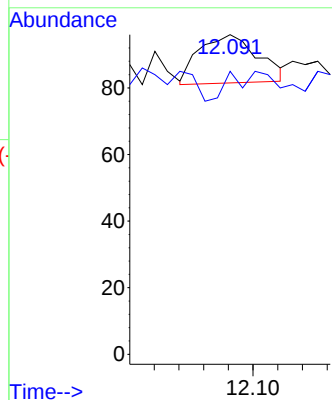
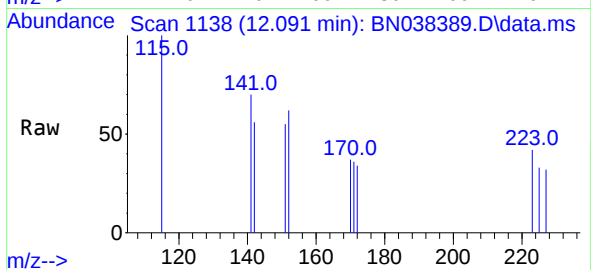




#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.091 min Scan# 1145
Delta R.T. -0.035 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

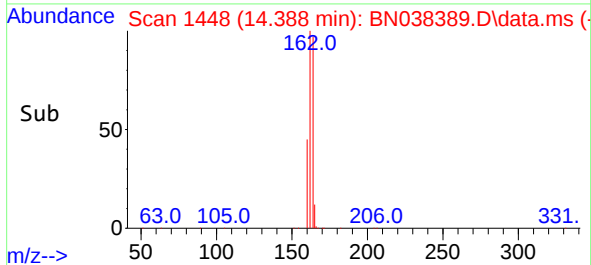
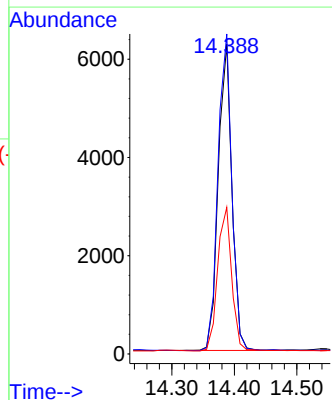
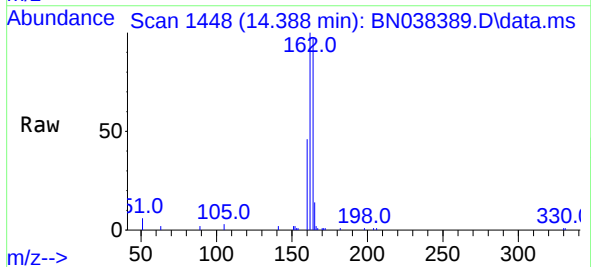
Instrument :
BNA_N
ClientSampleId :
C0B09

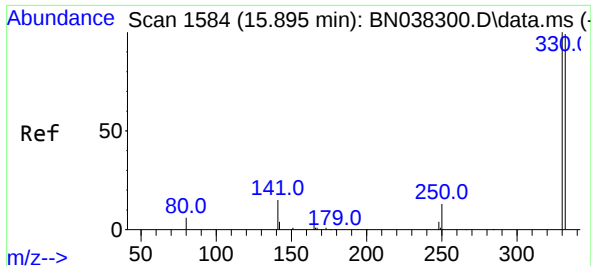
Tgt Ion:152 Resp: 24
Ion Ratio Lower Upper
152 100
151 54.2 17.0 25.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

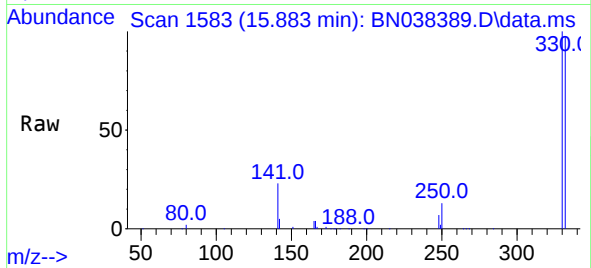
Tgt Ion:164 Resp: 9499
Ion Ratio Lower Upper
164 100
162 103.3 86.2 129.4
160 47.3 44.6 67.0



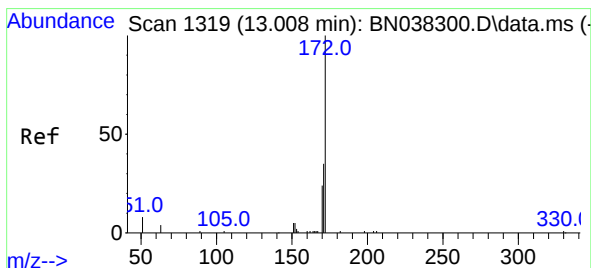
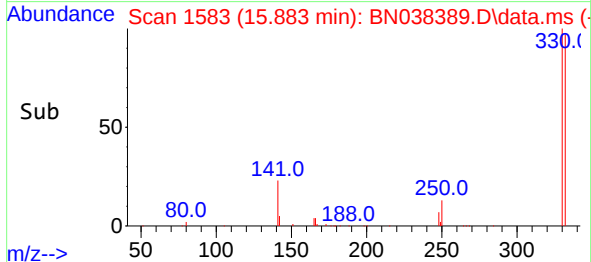
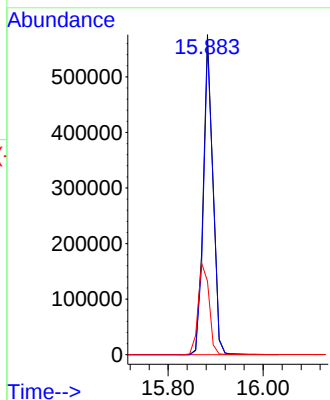


#14
2,4,6-Tribromophenol
Concen: 193.684 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Instrument :
BNA_N
ClientSampleId :
C0B09

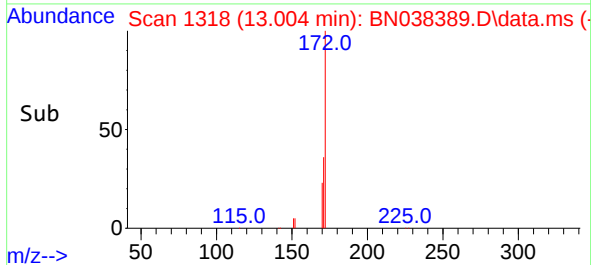
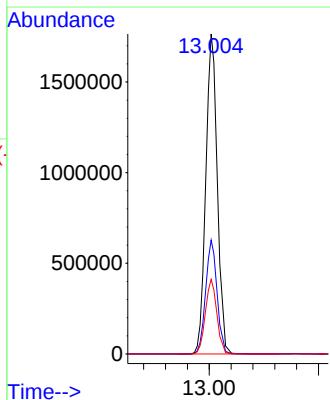
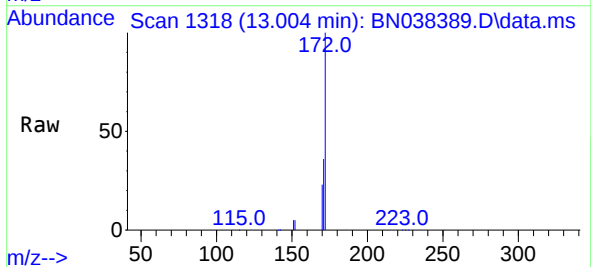


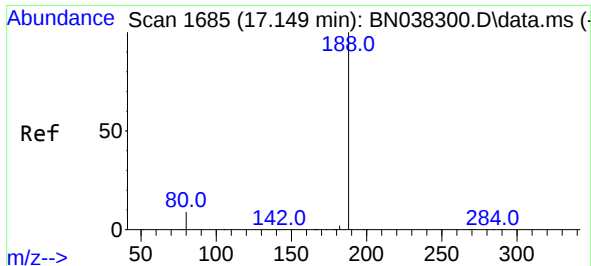
Tgt Ion:330 Resp: 816232
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 32.3 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 69.845 ng
RT: 13.004 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Tgt Ion:172 Resp: 3196252
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.3 19.3 28.9

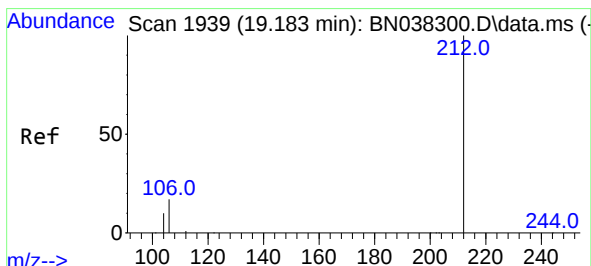
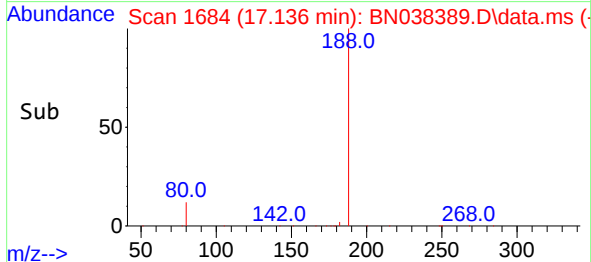
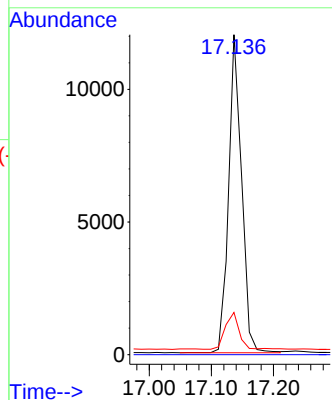
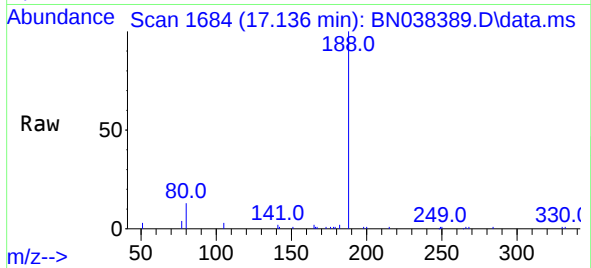




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

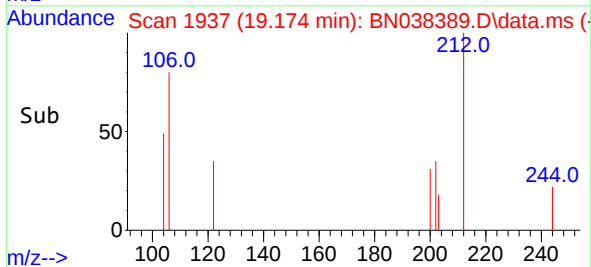
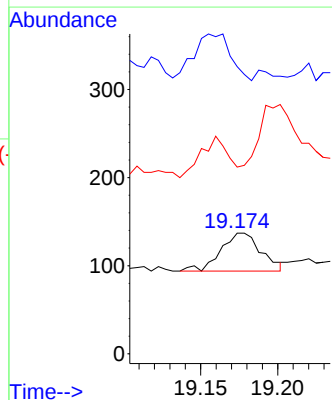
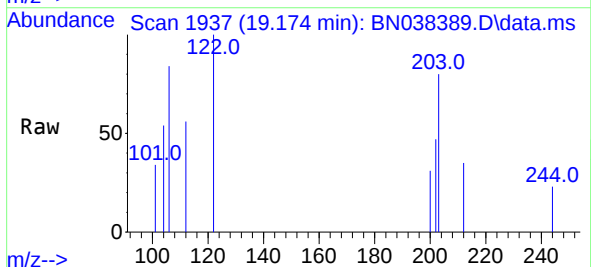
Instrument :
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C0B09

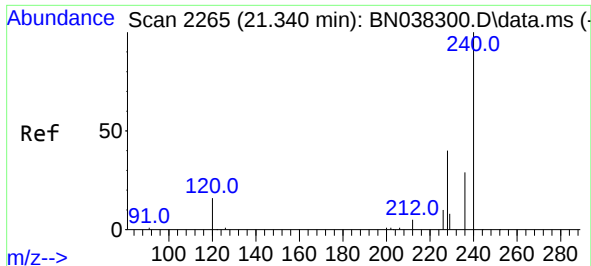
Tgt Ion:188 Resp: 17358
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Tgt Ion:212 Resp: 78
Ion Ratio Lower Upper
212 100
106 112.8 13.7 20.5#
104 73.1 7.8 11.8#

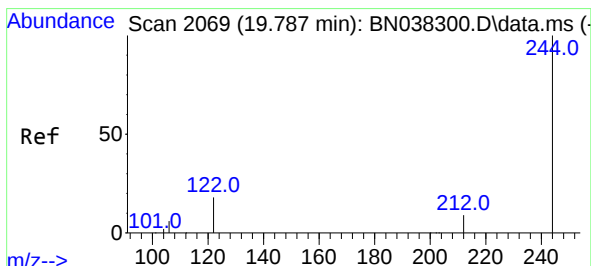
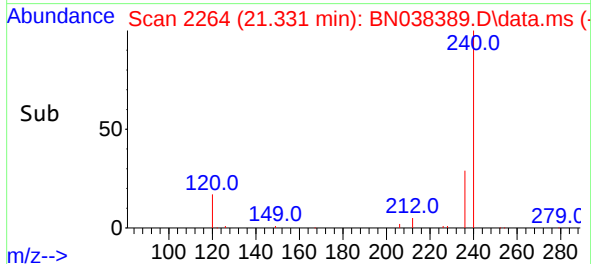
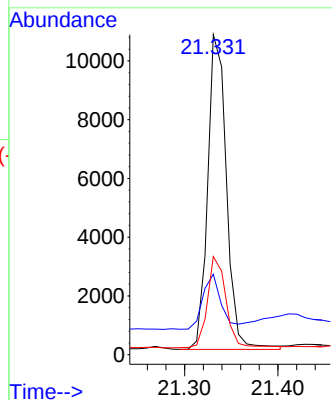
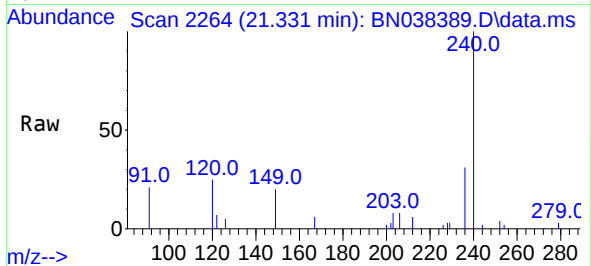




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

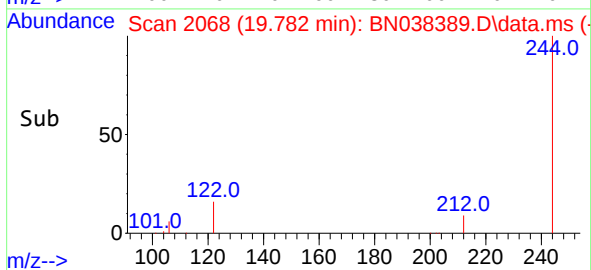
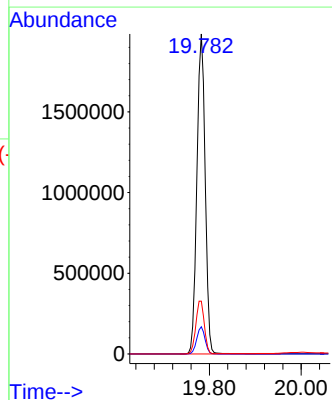
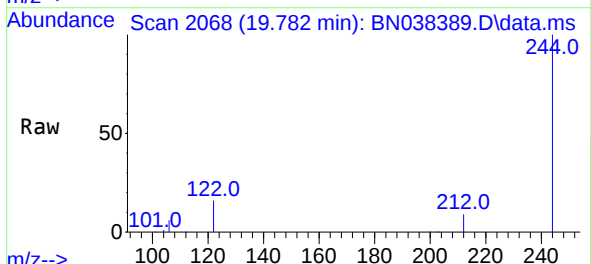
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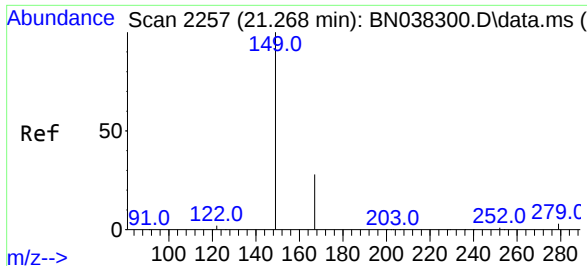
Tgt Ion:240 Resp: 15003
Ion Ratio Lower Upper
240 100
120 25.1 15.4 23.2#
236 30.7 23.9 35.9



#31
Terphenyl-d14
Concen: 74.228 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038389.D
Acq: 13 Dec 2025 16:28

Tgt Ion:244 Resp: 2485297
Ion Ratio Lower Upper
244 100
212 8.5 7.9 11.9
122 16.5 15.0 22.6

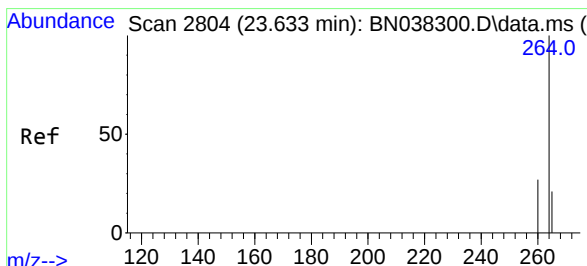
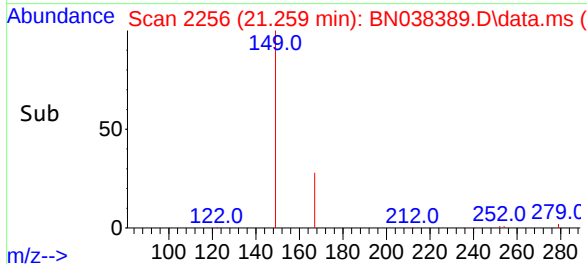
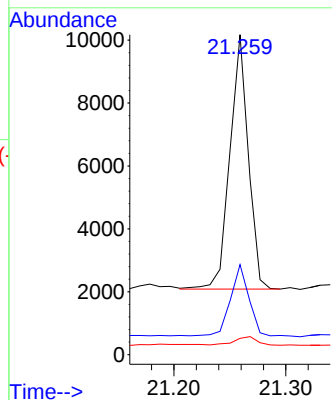
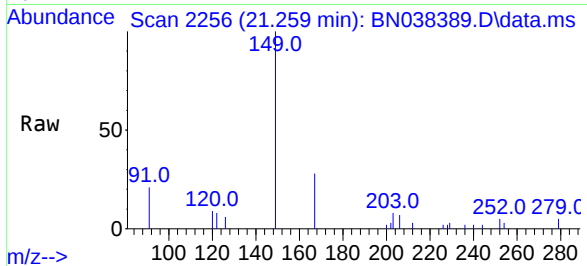




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.291 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038389.D
 Acq: 13 Dec 2025 16:28

Instrument :
 BNA_N
 ClientSampleId :
 C0B09

Tgt Ion:149 Resp: 9260
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.4 32.0
 279 4.1 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.622 min Scan# 2800
 Delta R.T. -0.012 min
 Lab File: BN038389.D
 Acq: 13 Dec 2025 16:28

Tgt Ion:264 Resp: 16496
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.2 33.2
 265 76.5 80.2 120.2#

