

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038384.D
 Acq On : 13 Dec 2025 13:28
 Operator : RC/JU
 Sample : Q3839-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AM7

Quant Time: Dec 14 22:23:21 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)

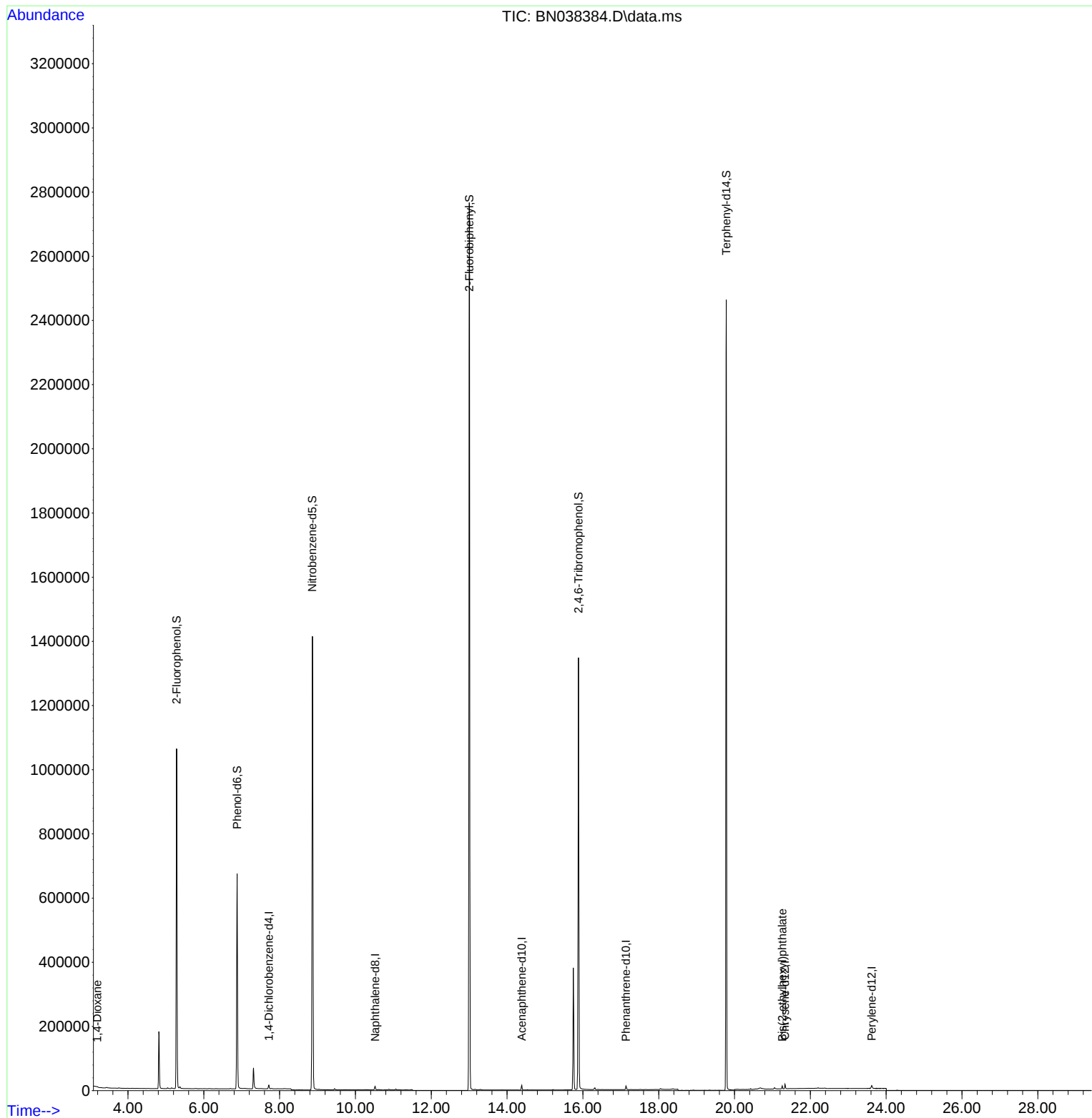
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5715	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15438	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8093	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14950	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	12392	0.400	ng	0.00
35) Perylene-d12	23.619	264	12477	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	770860	54.160	ng	0.00
5) Phenol-d6	6.879	99	586035	34.635	ng	0.00
8) Nitrobenzene-d5	8.865	82	1031347	79.202	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	8	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	693133	193.048	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	2978321	76.390	ng	0.00
27) Fluoranthene-d10	19.178	212	49	0.001	ng	0.00
31) Terphenyl-d14	19.782	244	2229420	80.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	668	0.102	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.259	149	7780	0.296	ng	100

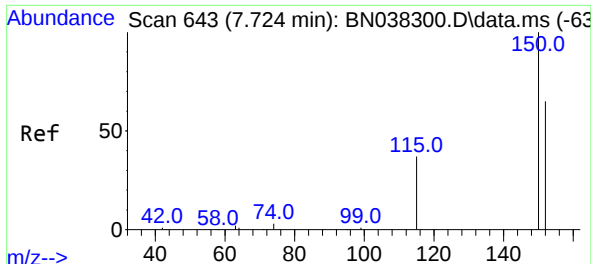
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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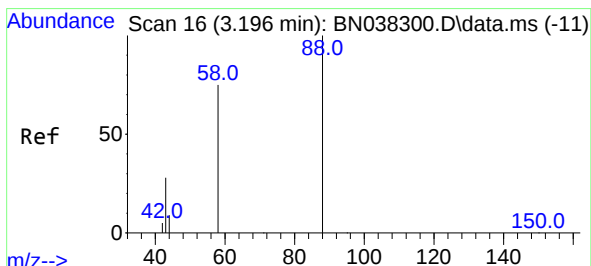
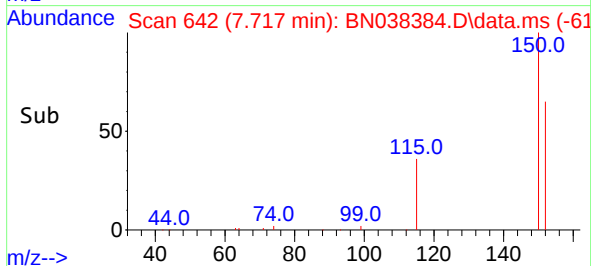
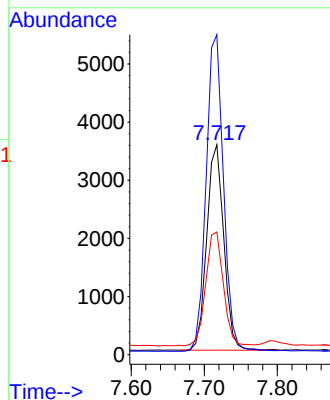
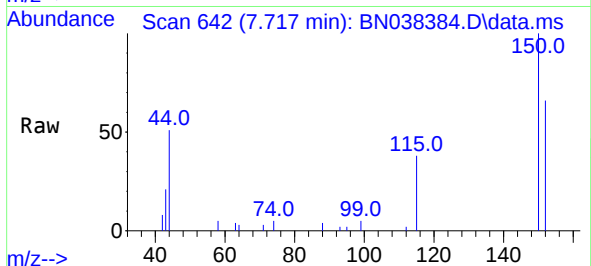




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

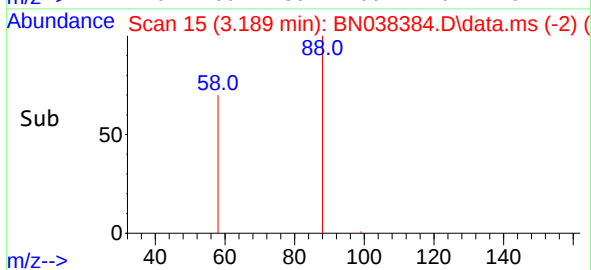
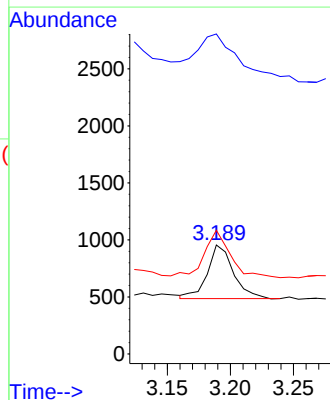
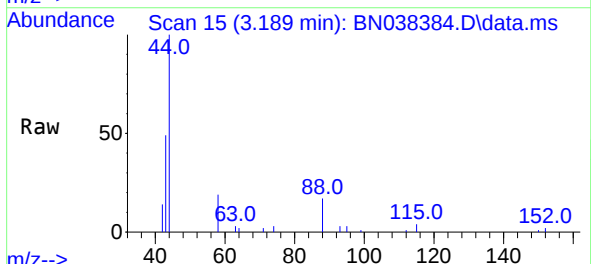
Instrument :
BNA_N
ClientSampleId :
COAM7

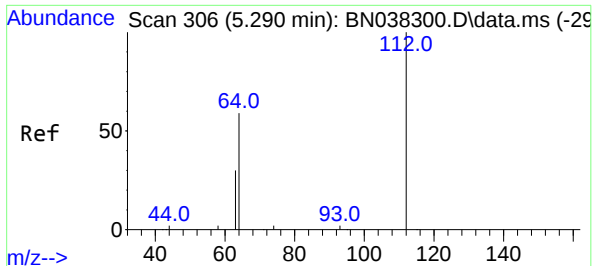
Tgt Ion:152 Resp: 5715
Ion Ratio Lower Upper
152 100
150 152.5 122.4 183.6
115 58.5 47.3 70.9



#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion: 88 Resp: 668
Ion Ratio Lower Upper
88 100
43 154.5 24.9 37.3#
58 90.4 61.4 92.0

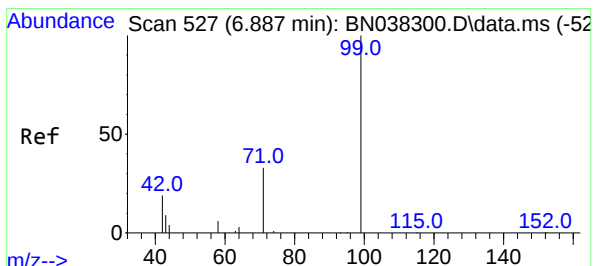
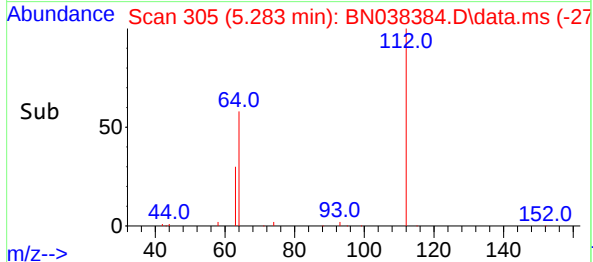
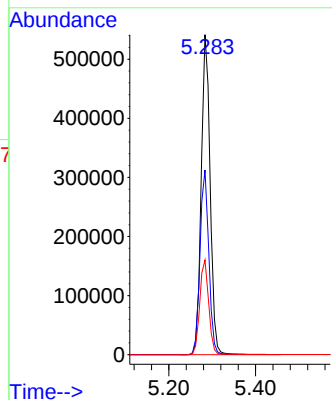
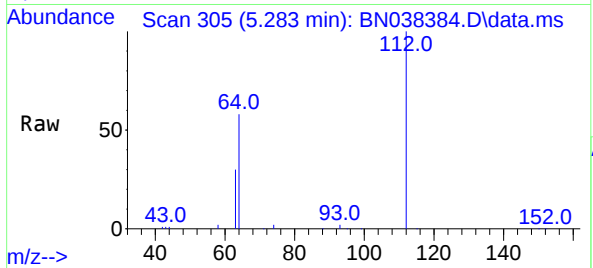




#4
2-Fluorophenol
Concen: 54.160 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

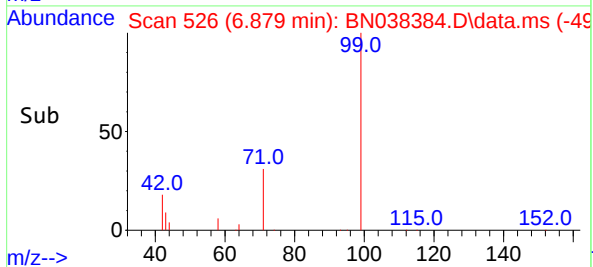
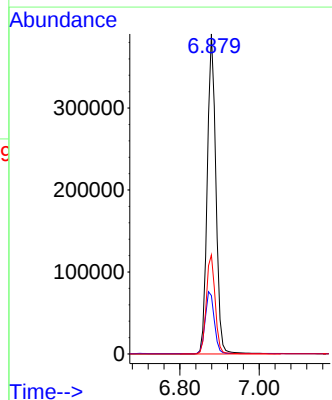
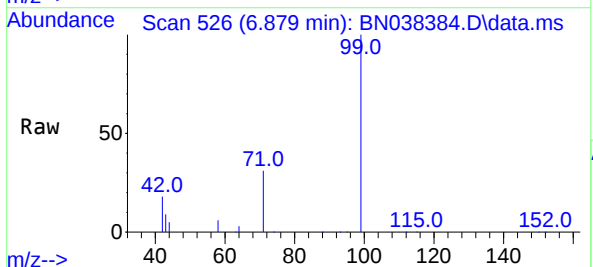
Instrument :
BNA_N
ClientSampleId :
C0AM7

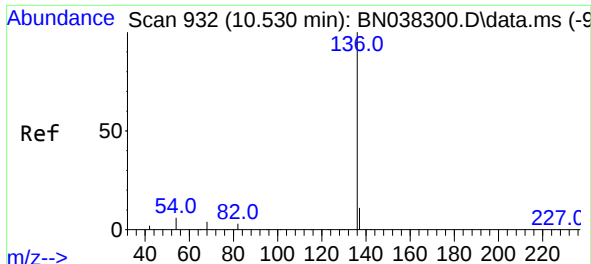
Tgt Ion:112 Resp: 770860
Ion Ratio Lower Upper
112 100
64 57.6 44.4 66.6
63 29.9 23.4 35.0



#5
Phenol-d6
Concen: 34.635 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion: 99 Resp: 586035
Ion Ratio Lower Upper
99 100
42 20.5 16.5 24.7
71 31.7 24.9 37.3

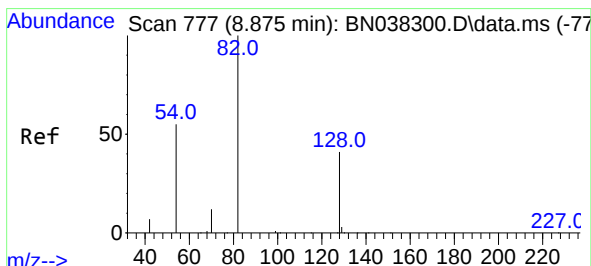
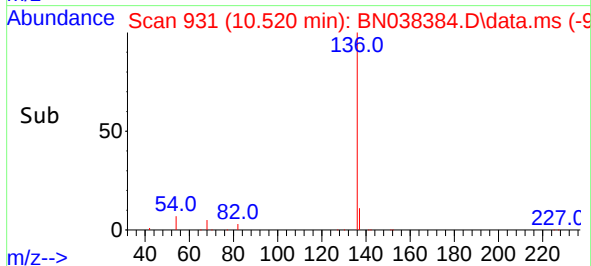
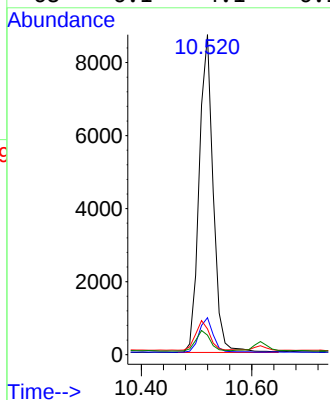
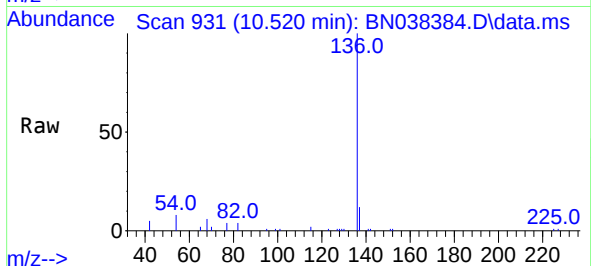




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

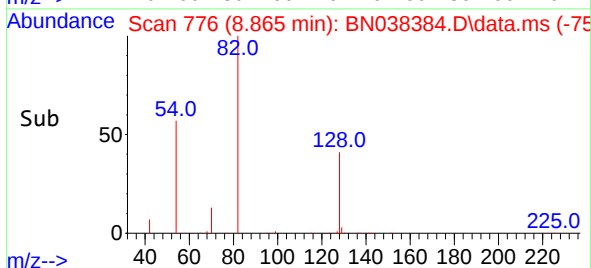
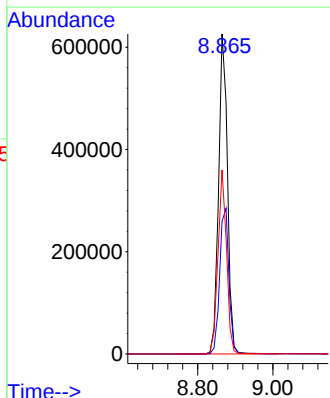
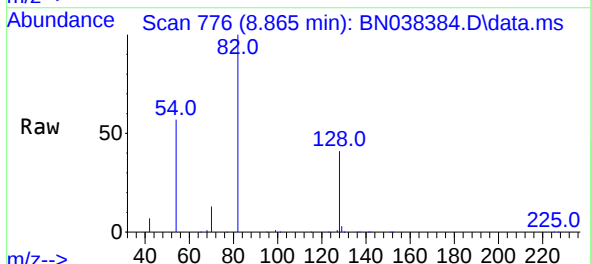
Instrument :
BNA_N
ClientSampleId :
COAM7

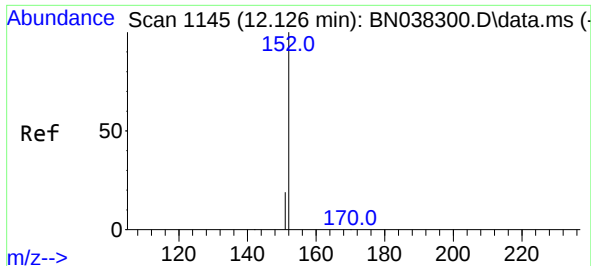
Tgt Ion:	136	Resp:	15438
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.0	5.2	7.8
68	6.1	4.1	6.1



#8
Nitrobenzene-d5
Concen: 79.202 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:	82	Resp:	1031347
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	57.5	44.4	66.6

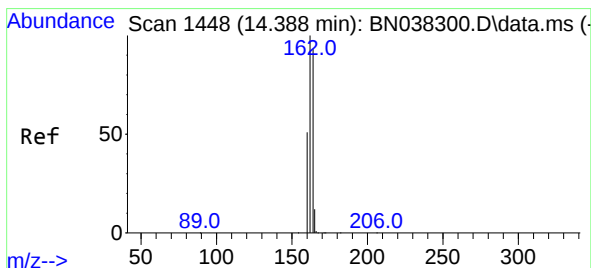
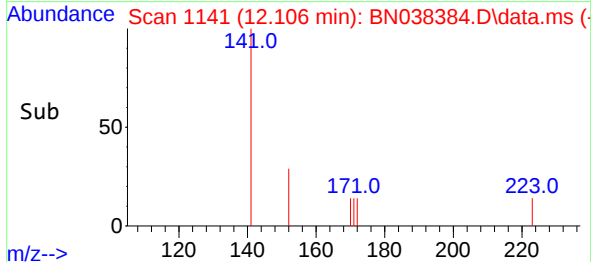
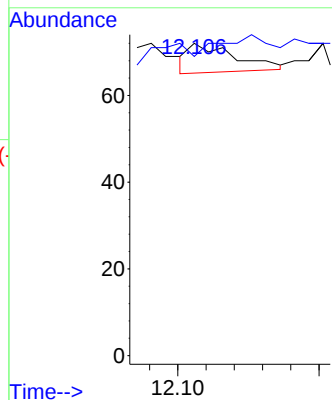
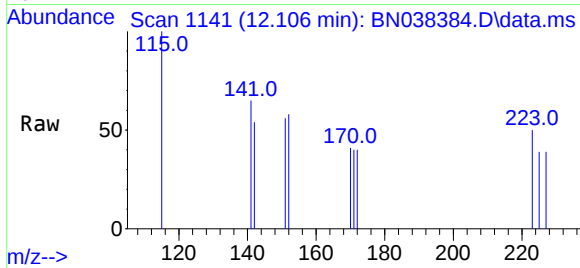




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.106 min Scan# 1145
Delta R.T. -0.020 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

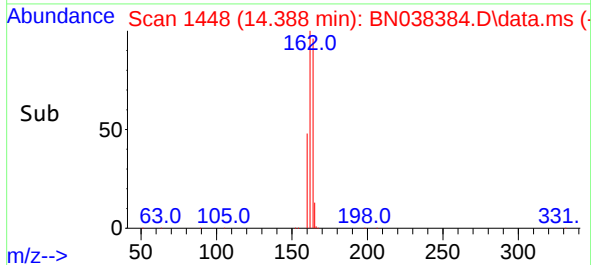
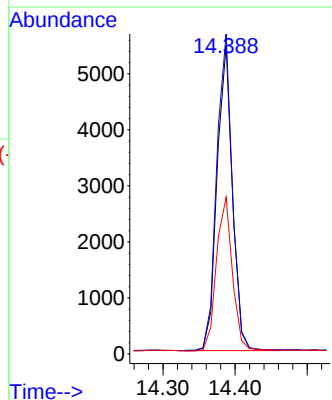
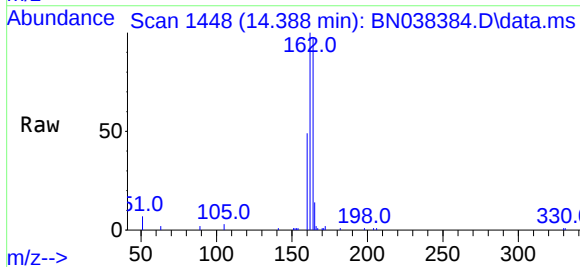
Instrument :
BNA_N
ClientSampleId :
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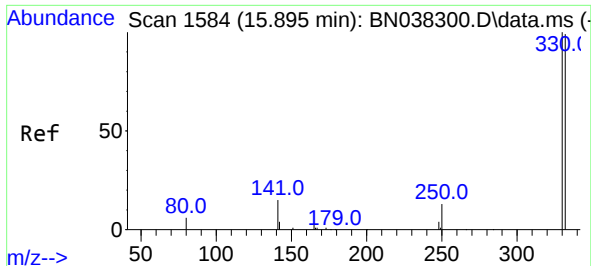
Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 62.5 17.0 25.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

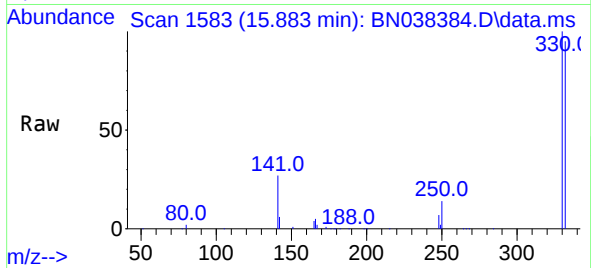
Tgt Ion:164 Resp: 8093
Ion Ratio Lower Upper
164 100
162 103.6 86.2 129.4
160 50.7 44.6 67.0



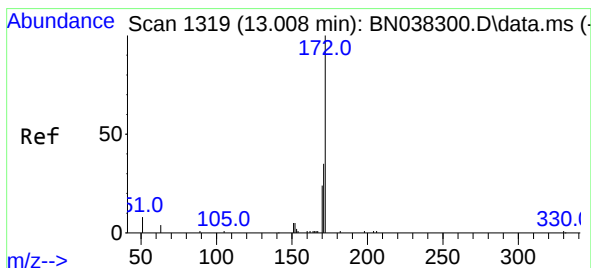
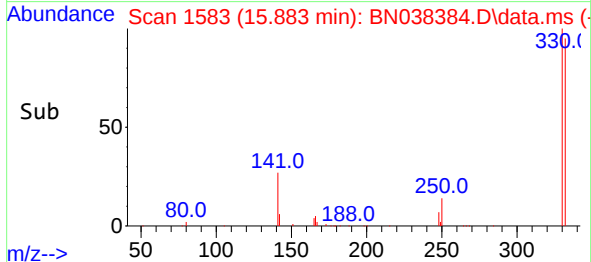
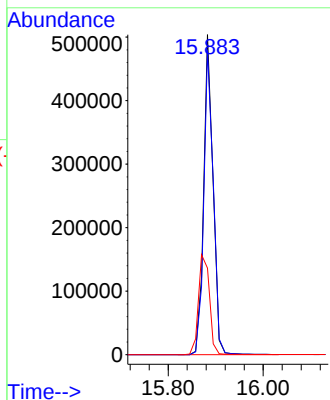


#14
2,4,6-Tribromophenol
Concen: 193.048 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

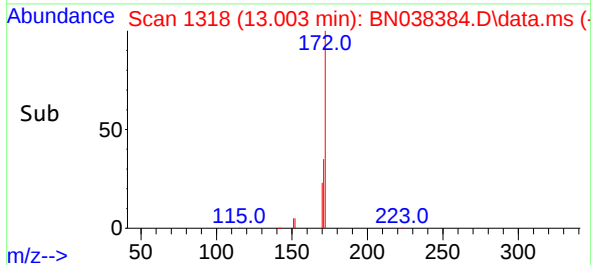
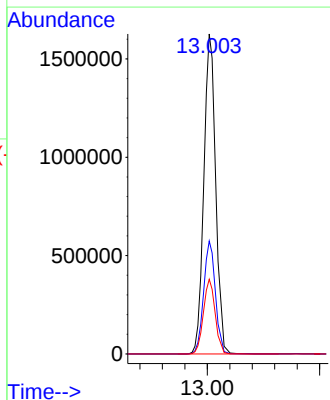
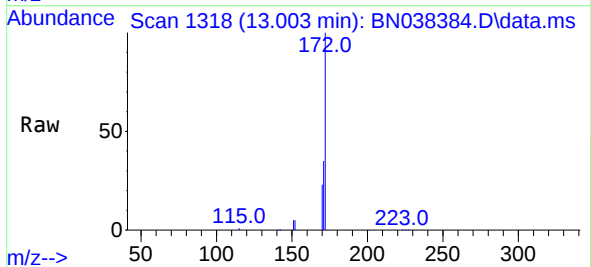


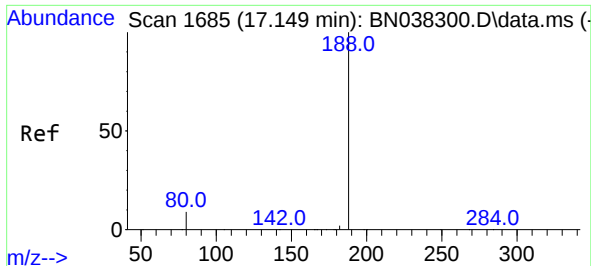
Tgt Ion:330 Resp: 693133
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 36.6 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 76.390 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:172 Resp: 2978321
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.4 19.3 28.9

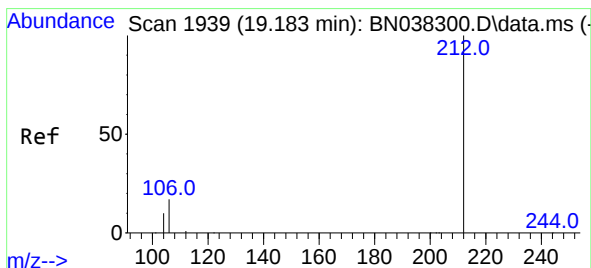
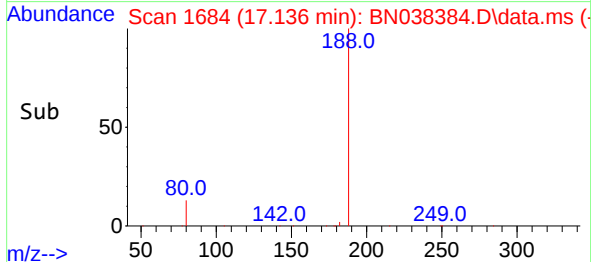
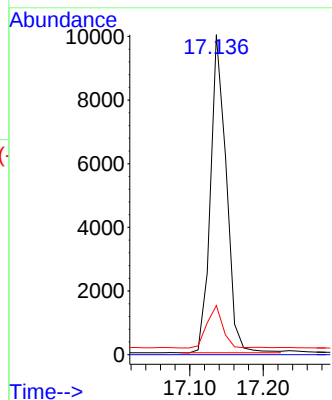
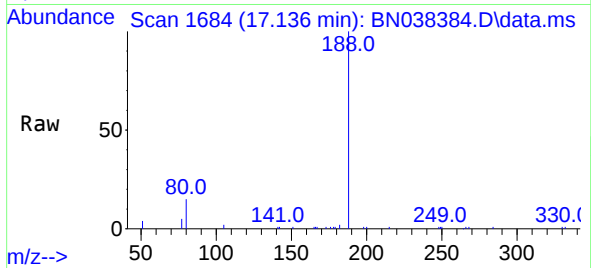




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

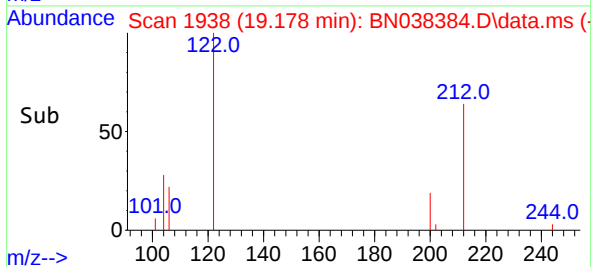
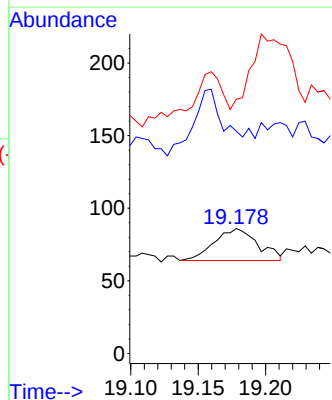
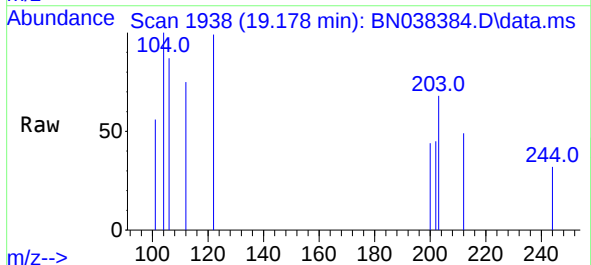
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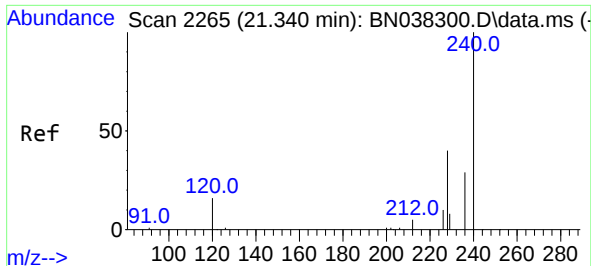
Tgt Ion:188 Resp: 14950
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:212 Resp: 49
Ion Ratio Lower Upper
212 100
106 151.0 13.7 20.5#
104 138.8 7.8 11.8#

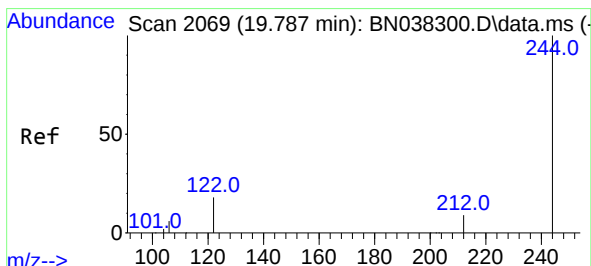
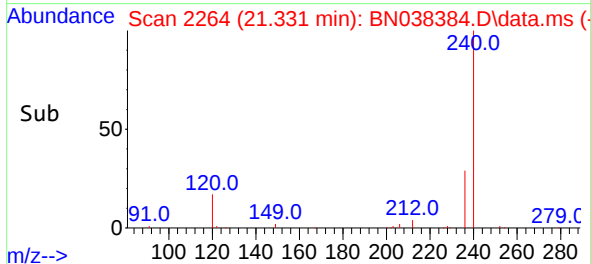
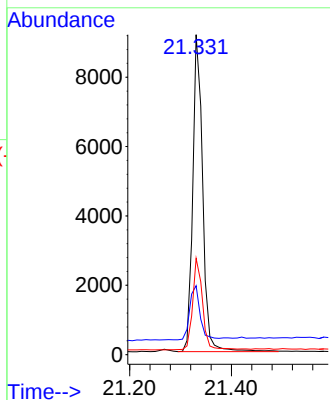
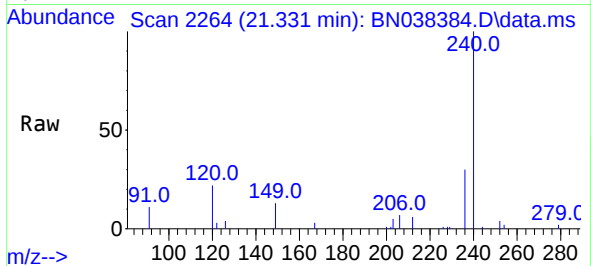




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

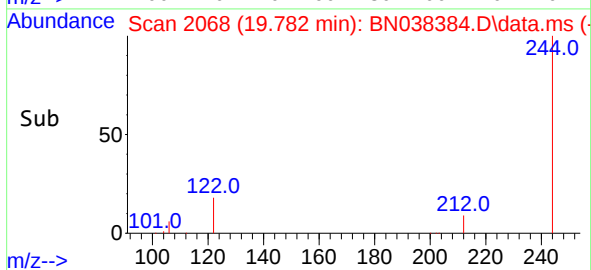
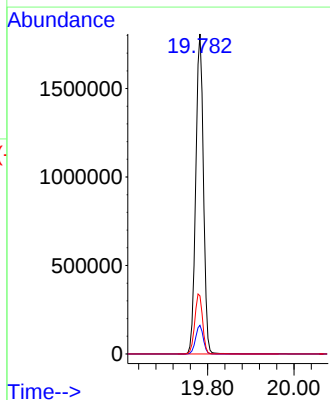
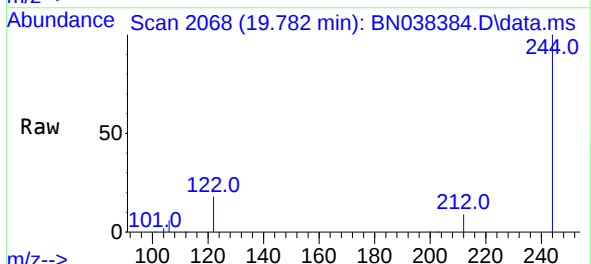
Instrument :
BNA_N
ClientSampleId :
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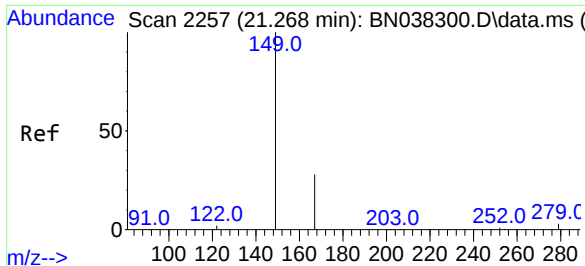
Tgt Ion:240 Resp: 12392
Ion Ratio Lower Upper
240 100
120 21.5 15.4 23.2
236 30.1 23.9 35.9



#31
Terphenyl-d14
Concen: 80.616 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:244 Resp: 2229420
Ion Ratio Lower Upper
244 100
212 9.0 7.9 11.9
122 18.2 15.0 22.6

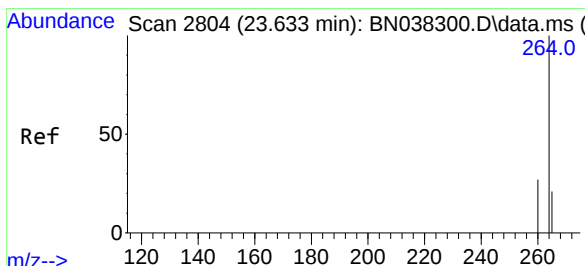
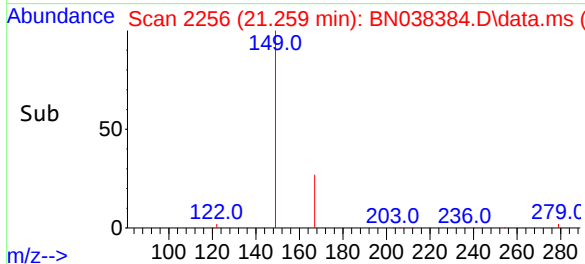
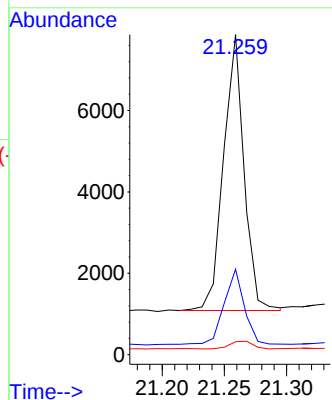
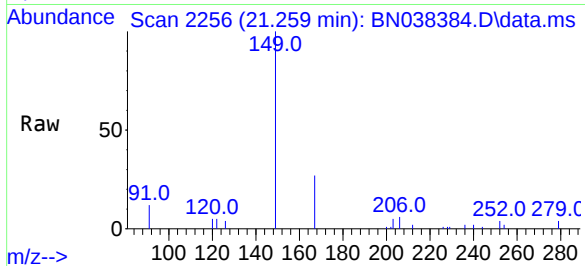




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.296 ng
 RT: 21.259 min Scan# 21256
 Delta R.T. -0.009 min
 Lab File: BN038384.D
 Acq: 13 Dec 2025 13:28

Instrument :
 BNA_N
 ClientSampleId :
 C0AM7

Tgt Ion:149 Resp: 7780
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 3.1 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 2799
 Delta R.T. -0.015 min
 Lab File: BN038384.D
 Acq: 13 Dec 2025 13:28

Tgt Ion:264 Resp: 12477
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.2 33.2
 265 89.9 80.2 120.2

