

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038428.D
 Acq On : 16 Dec 2025 06:31
 Operator : RC/JU
 Sample : Q3839-26
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT8

Quant Time: Dec 16 07:16:42 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)

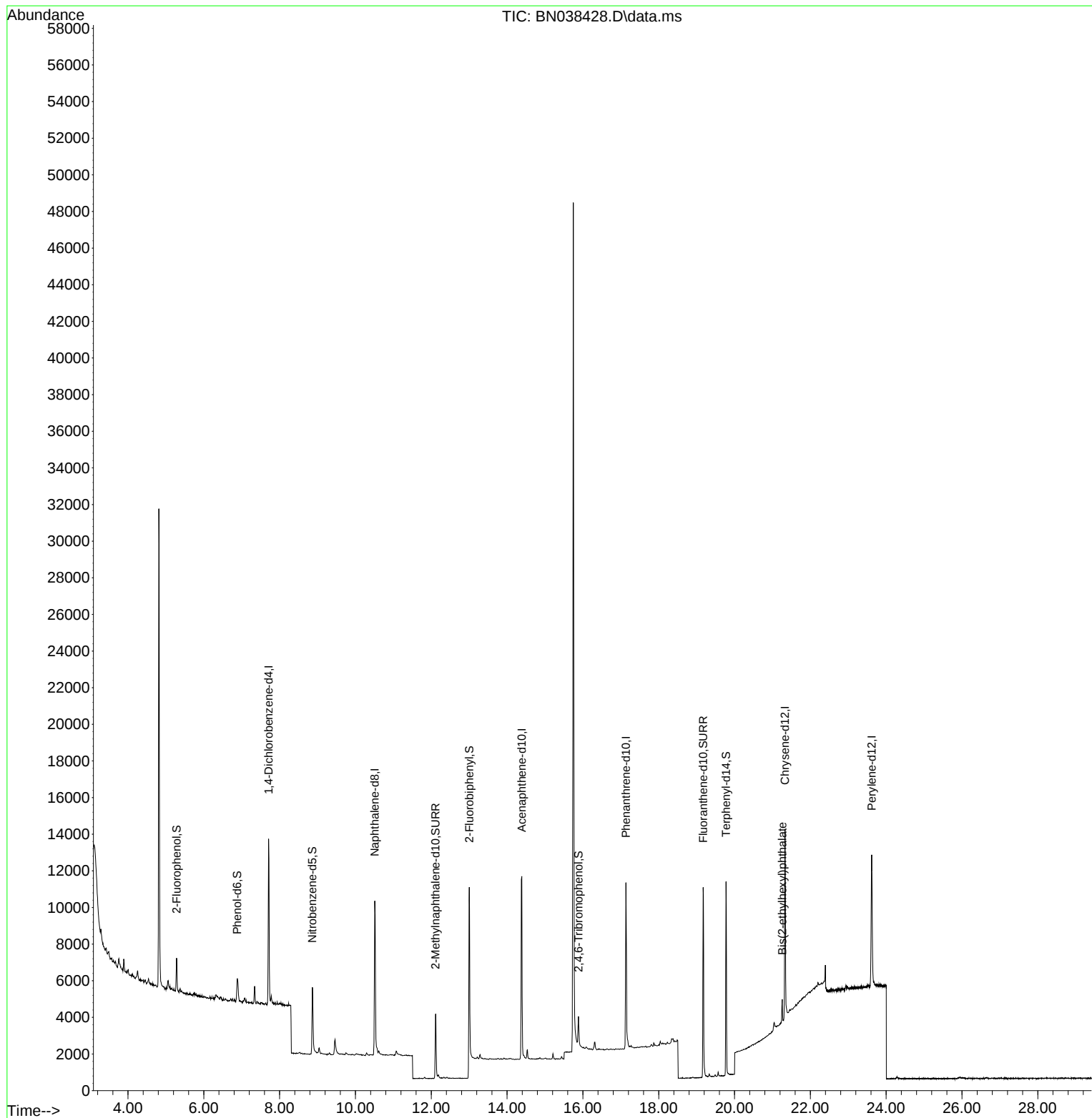
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4631	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12375	0.400	ng	#-0.02
13) Acenaphthene-d10	14.387	164	6551	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12461	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9867	0.400	ng	0.00
35) Perylene-d12	23.619	264	10049	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1515	0.131	ng	0.00
5) Phenol-d6	6.879	99	1019	0.074	ng	0.00
8) Nitrobenzene-d5	8.864	82	3481	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5443	0.312	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	987	0.340	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	13140	0.416	ng	0.00
27) Fluoranthene-d10	19.173	212	11441	0.371	ng	-0.01
31) Terphenyl-d14	19.777	244	10028	0.455	ng	-0.01
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.259	149	1240	0.059	ng	Qvalue # 98

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

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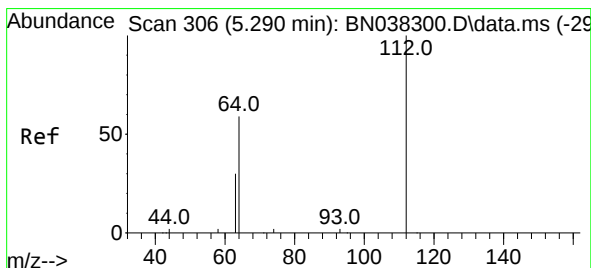
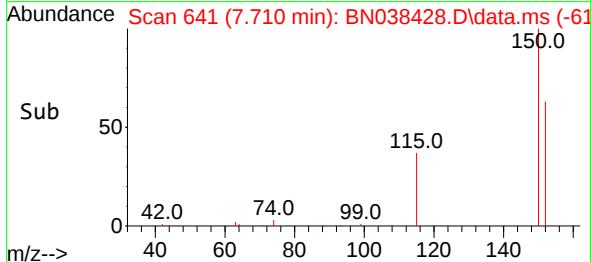
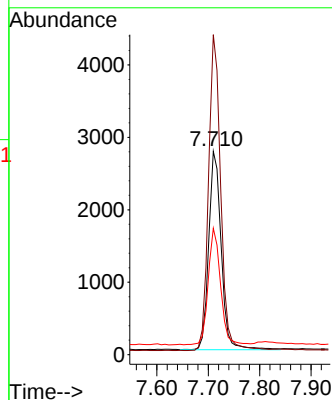
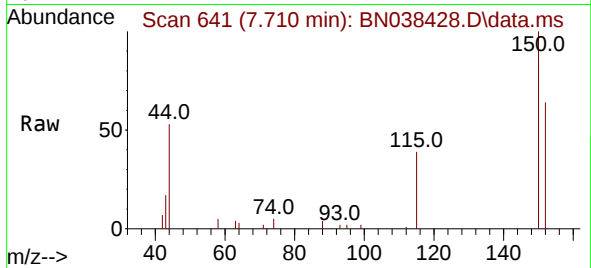




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

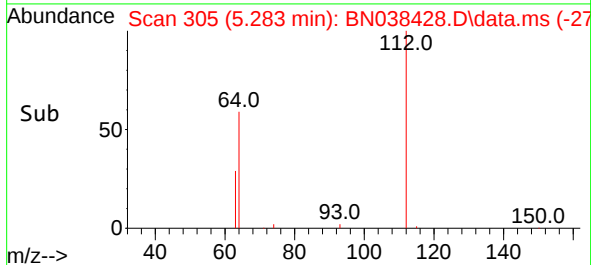
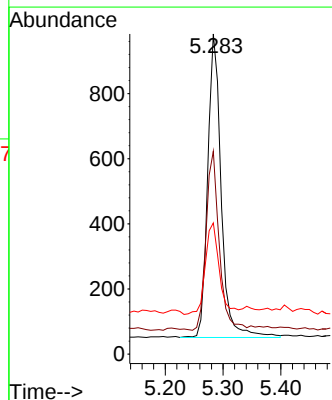
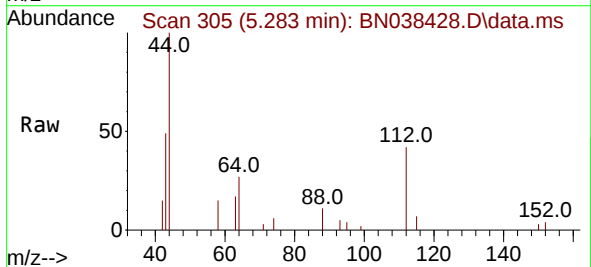
Instrument :
BNA_N
ClientSampleId :
C0AT8

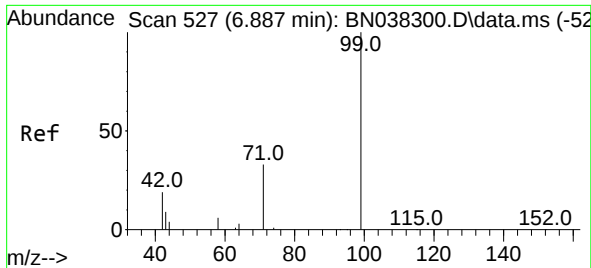
Tgt Ion:152 Resp: 4631
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 62.1 47.3 70.9



#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

Tgt Ion:112 Resp: 1515
Ion Ratio Lower Upper
112 100
64 57.4 44.4 66.6
63 31.0 23.4 35.0

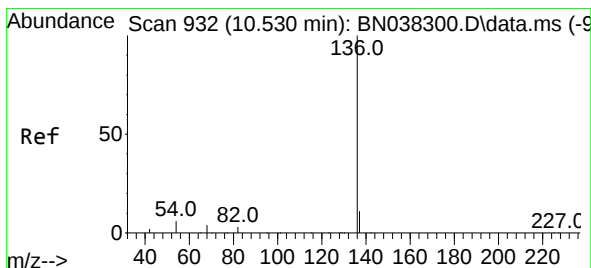
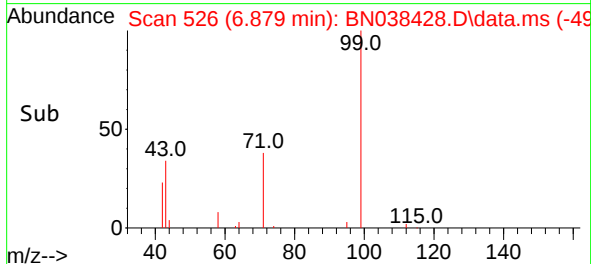
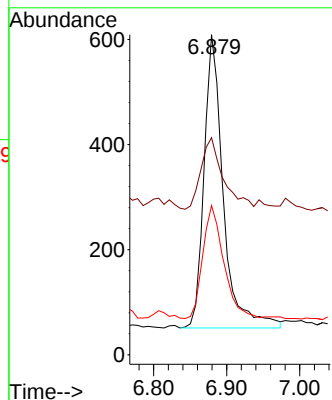
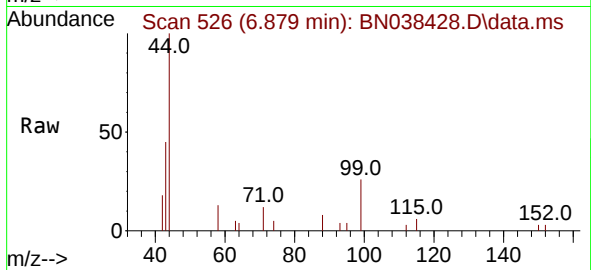




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

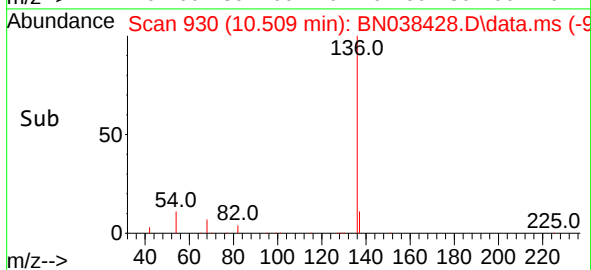
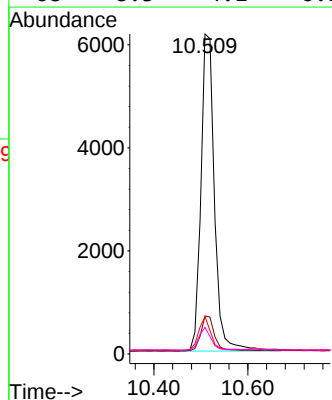
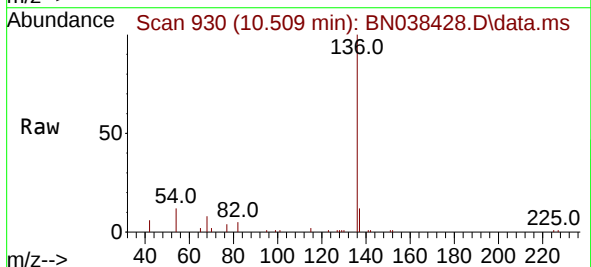
Instrument :
BNA_N
ClientSampleId :
COAT8

Tgt Ion: 99 Resp: 1019
Ion Ratio Lower Upper
99 100
42 29.1 16.5 24.7#
71 42.0 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

Tgt Ion: 136 Resp: 12375
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 11.7 5.2 7.8#
68 8.3 4.1 6.1#

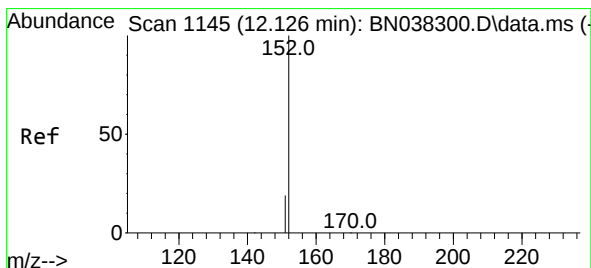
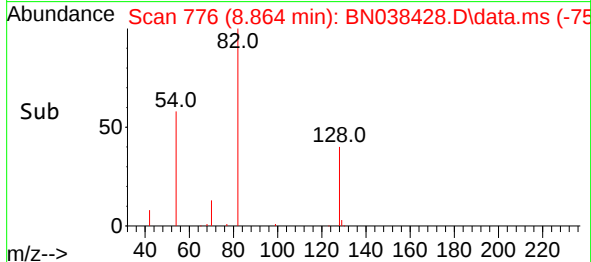
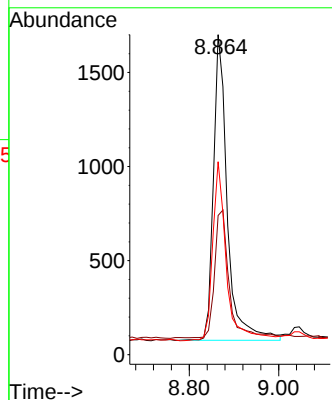
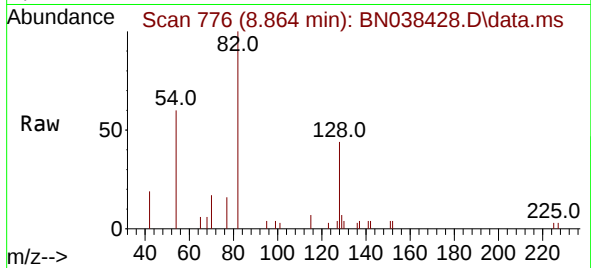




#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.864 min Scan# 777
Delta R.T. -0.011 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

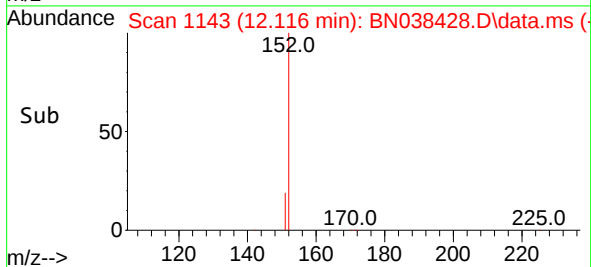
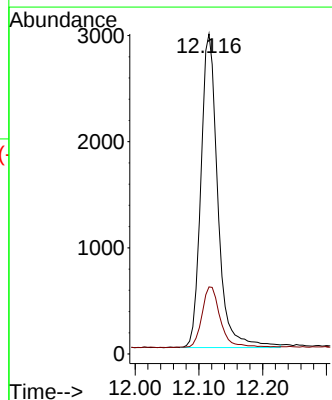
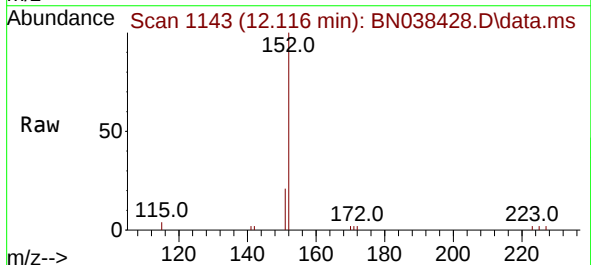
Instrument :
BNA_N
ClientSampleId :
C0AT8

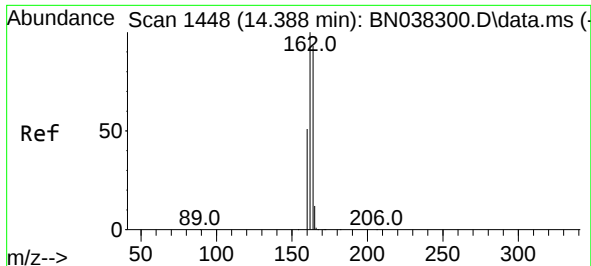
Tgt Ion: 82 Resp: 3481
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 60.3 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

Tgt Ion: 152 Resp: 5443
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

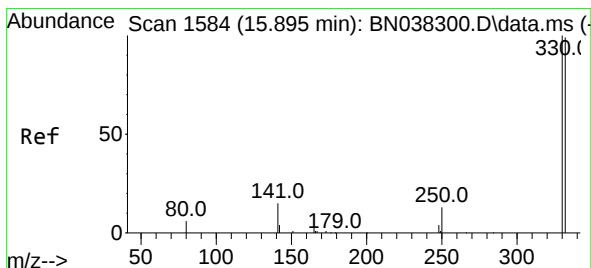
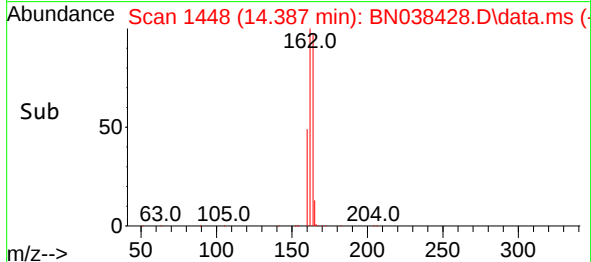
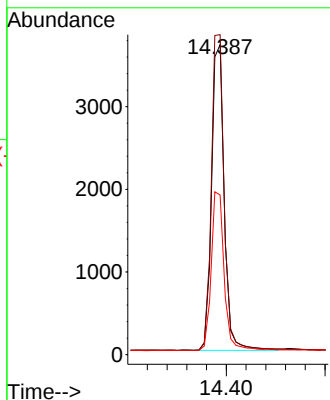
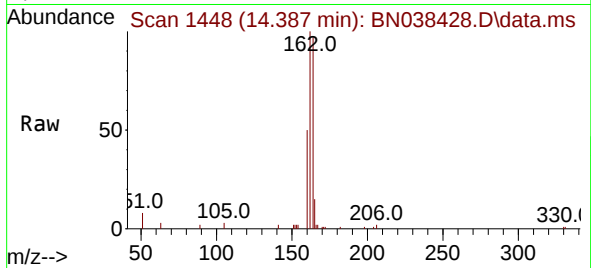




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

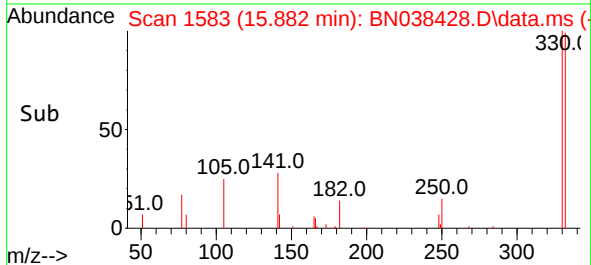
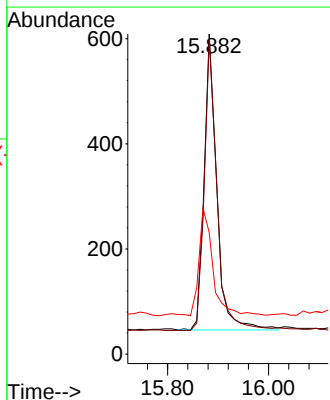
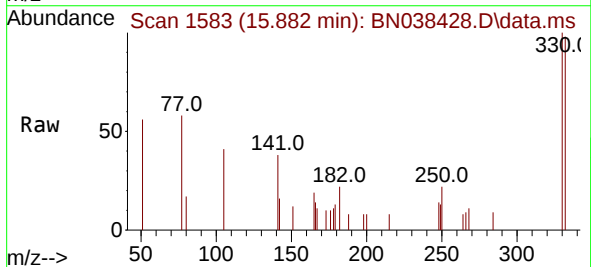
Instrument :
BNA_N
ClientSampleId :
C0AT8

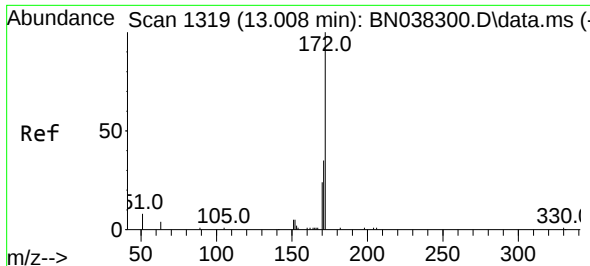
Tgt Ion:164 Resp: 6551
Ion Ratio Lower Upper
164 100
162 103.2 86.2 129.4
160 51.5 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

Tgt Ion:330 Resp: 987
Ion Ratio Lower Upper
330 100
332 98.4 75.8 113.6
141 39.2 31.8 47.8

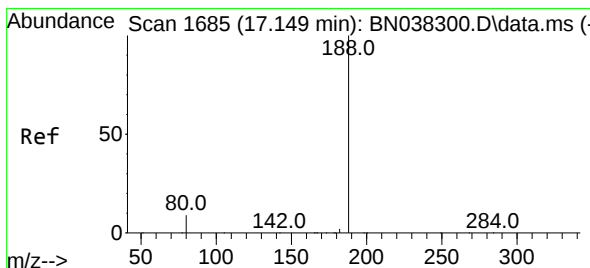
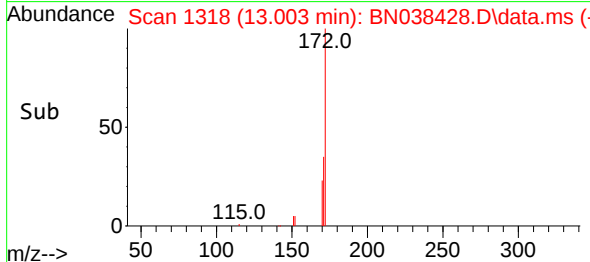
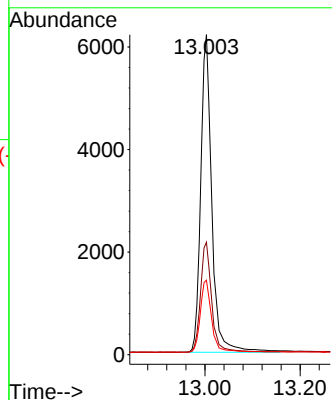
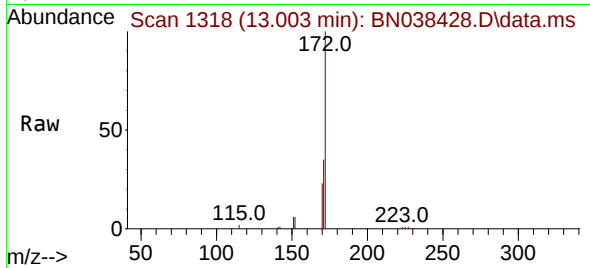




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

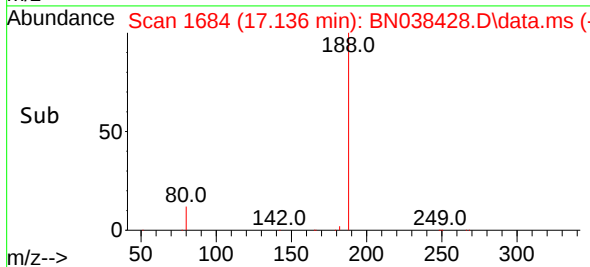
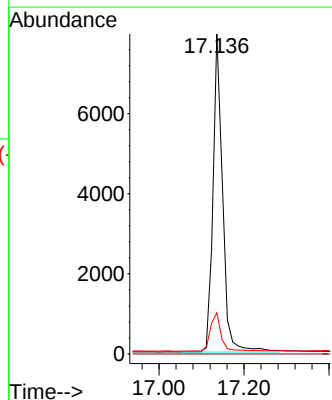
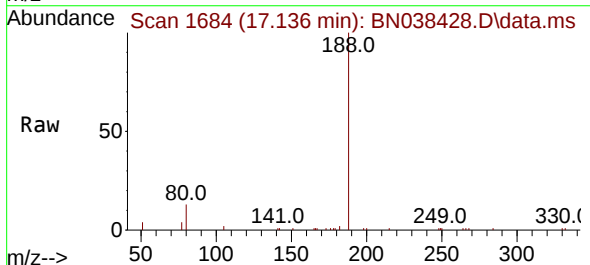
Instrument :
BNA_N
ClientSampleId :
COAT8

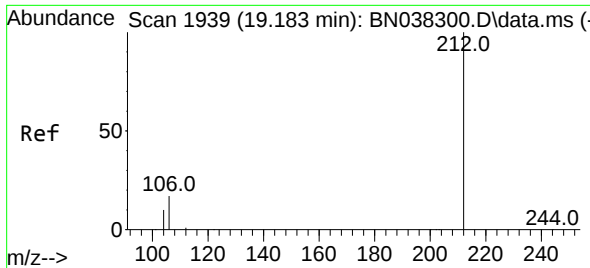
Tgt Ion:172 Resp: 13140
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.3 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

Tgt Ion:188 Resp: 12461
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 7.4 11.0#

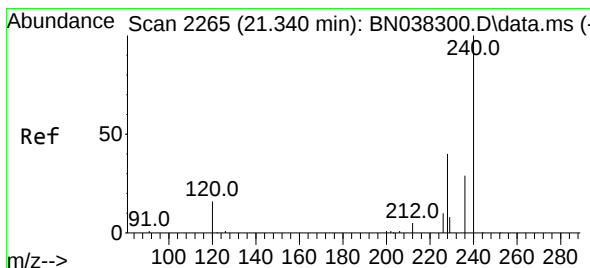
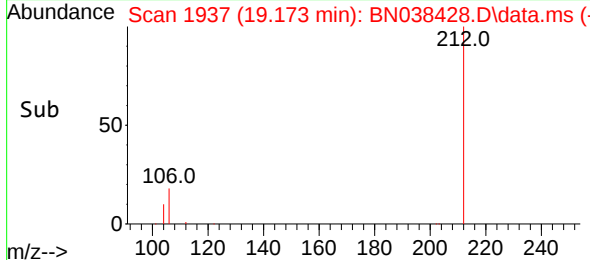
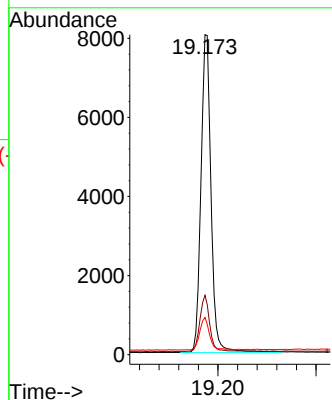
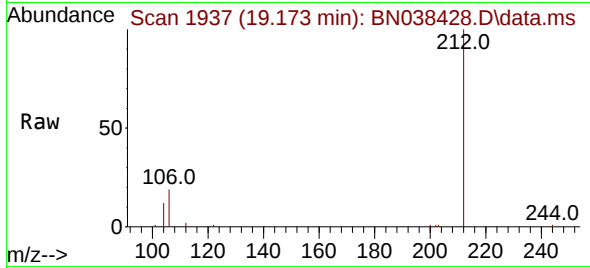




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.173 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

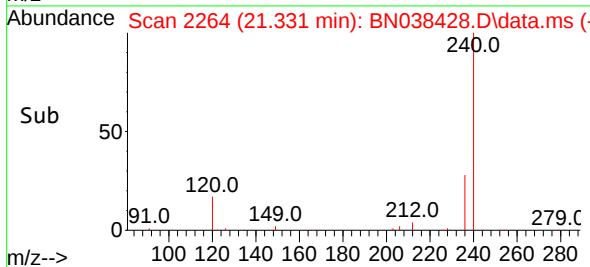
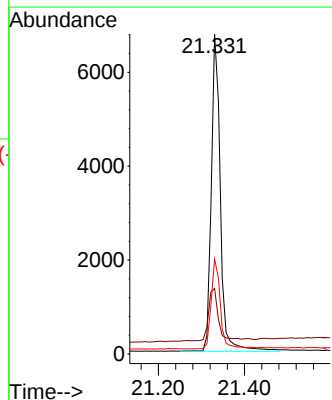
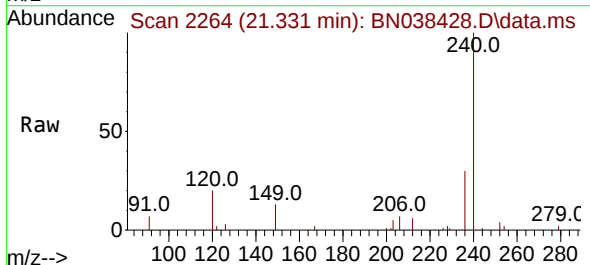
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ClientSampleId :
C0AT8

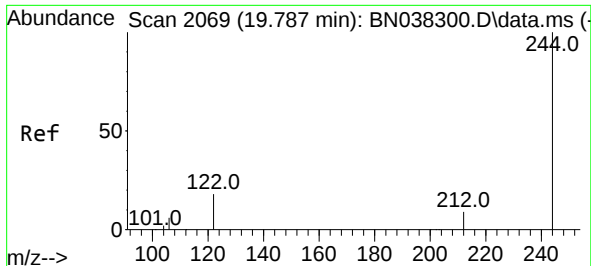
Tgt Ion:212 Resp: 11441
Ion Ratio Lower Upper
212 100
106 17.0 13.7 20.5
104 9.8 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038428.D
Acq: 16 Dec 2025 06:31

Tgt Ion:240 Resp: 9867
Ion Ratio Lower Upper
240 100
120 20.5 15.4 23.2
236 29.7 23.9 35.9

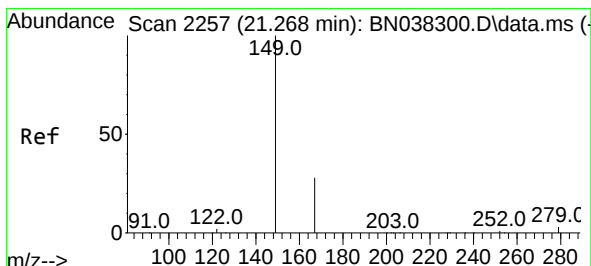
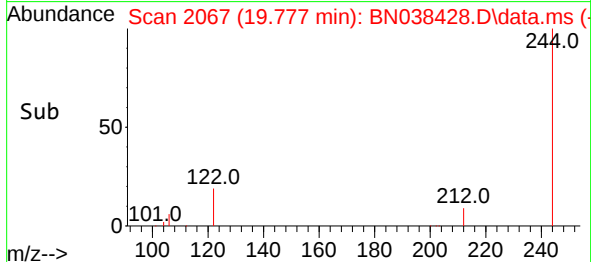
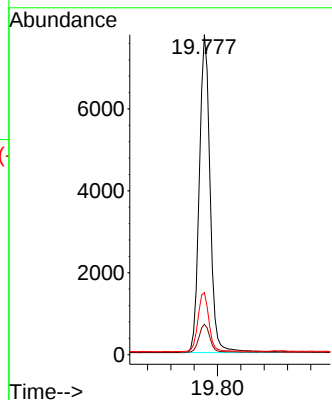
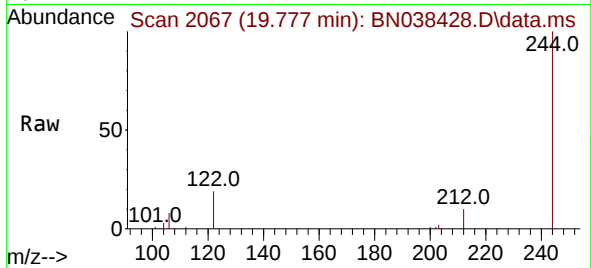




#31
 Terphenyl-d14
 Concen: 0.455 ng
 RT: 19.777 min Scan# 2069
 Delta R.T. -0.014 min
 Lab File: BN038428.D
 Acq: 16 Dec 2025 06:31

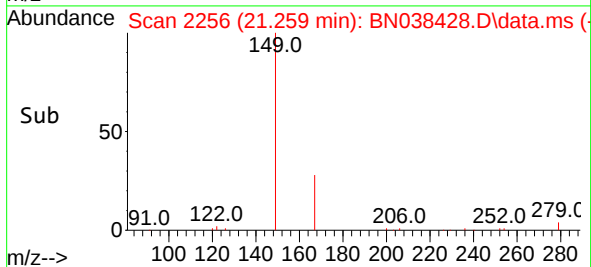
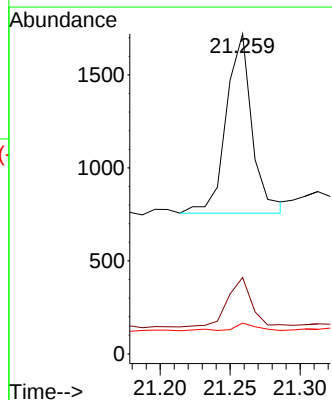
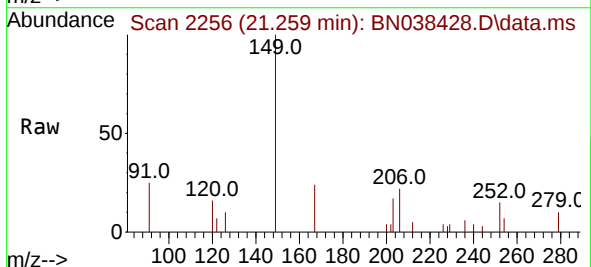
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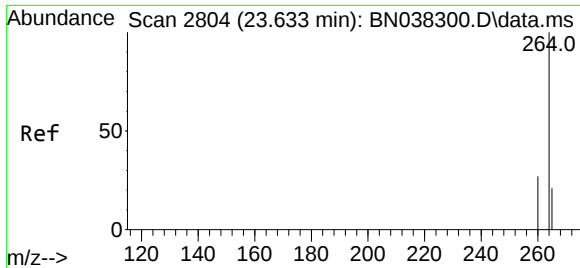
Tgt Ion:244 Resp: 10028
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.9 11.9
 122 19.4 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038428.D
 Acq: 16 Dec 2025 06:31

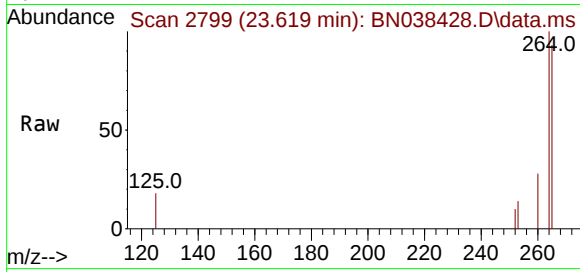
Tgt Ion:149 Resp: 1240
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 4.2 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN038428.D
 Acq: 16 Dec 2025 06:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AT8



Tgt Ion:264 Resp: 10049

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.2	33.2
265	93.0	80.2	120.2

