

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038444.D
 Acq On : 16 Dec 2025 16:14
 Operator : RC/JU
 Sample : Q3840-21
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TTMW30411-20251211

Quant Time: Dec 16 16:45:15 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)

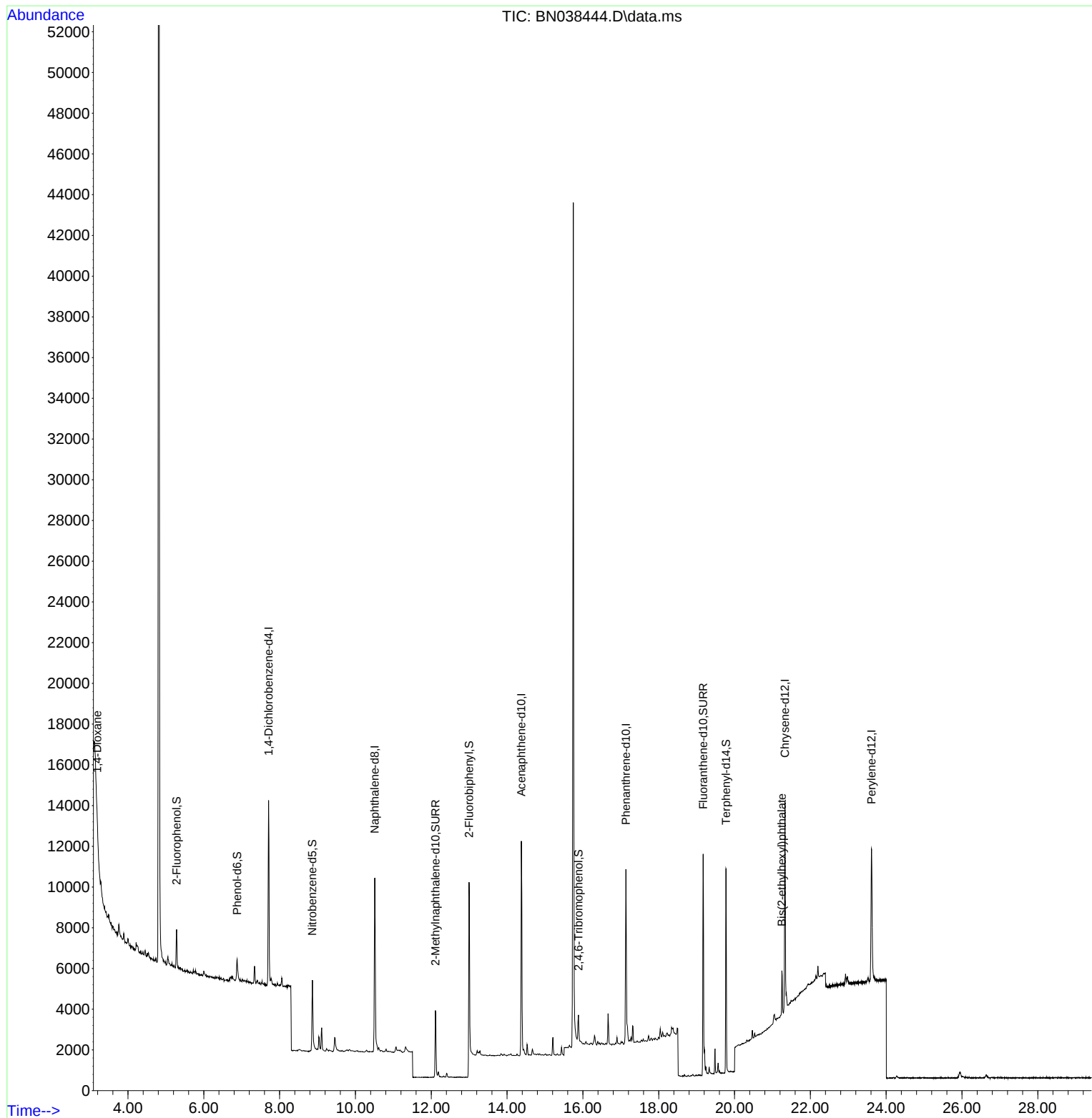
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4644	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12039	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6247	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	11834	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9345	0.400	ng	0.00
35) Perylene-d12	23.613	264	9394	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1577	0.136	ng	0.00
5) Phenol-d6	6.879	99	1107	0.081	ng	0.00
8) Nitrobenzene-d5	8.864	82	3173	0.312	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	4993	0.294	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	853	0.308	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	12618	0.419	ng	-0.01
27) Fluoranthene-d10	19.173	212	11566	0.395	ng	-0.01
31) Terphenyl-d14	19.777	244	9436	0.452	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	231	0.043	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.250	149	2193	0.111	ng	99

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

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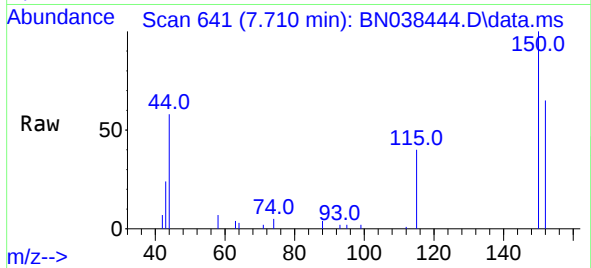
Quant Time: Dec 16 16:45:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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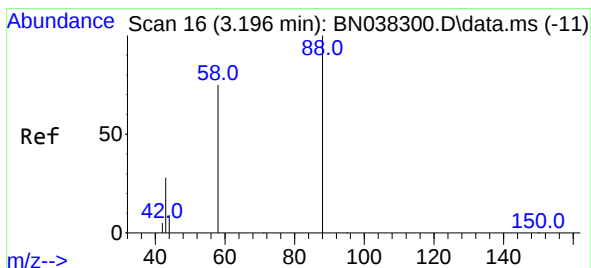
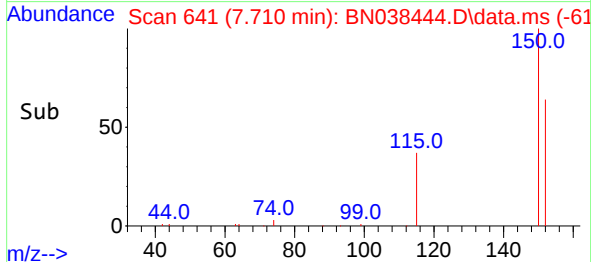
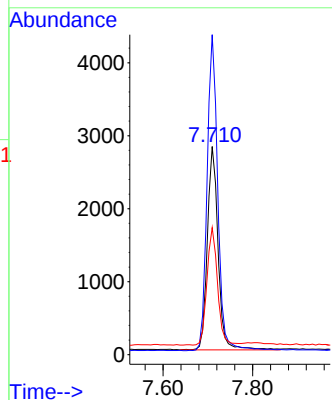


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Instrument :
BNA_N
ClientSampleId :
TTMW30411-20251211

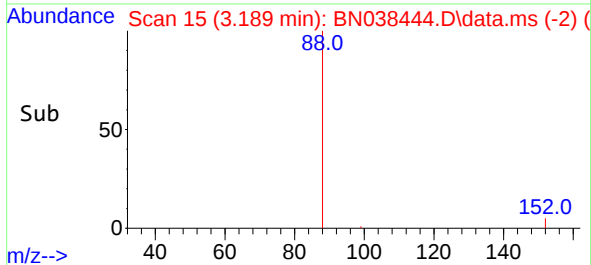
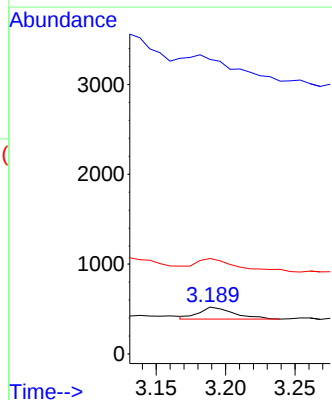
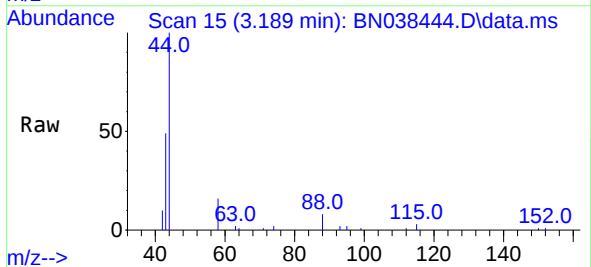


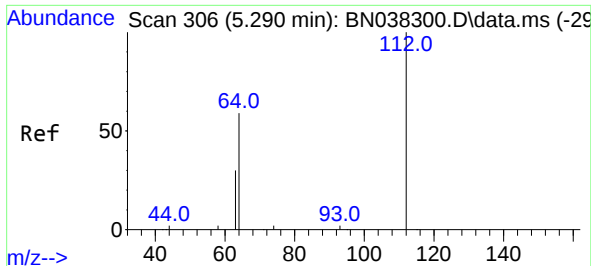
Tgt Ion:152 Resp: 4644
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 61.0 47.3 70.9



#2
1,4-Dioxane
Concen: 0.043 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 126.8 61.4 92.0#

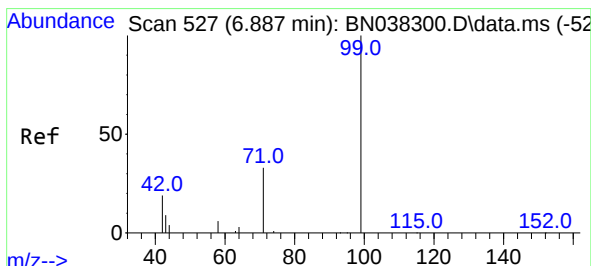
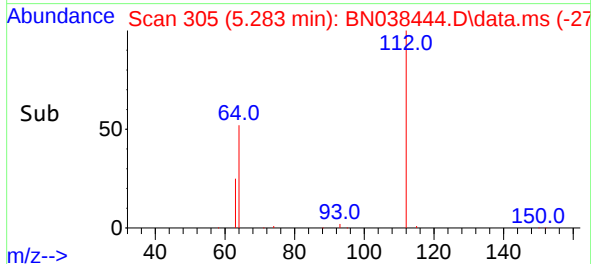
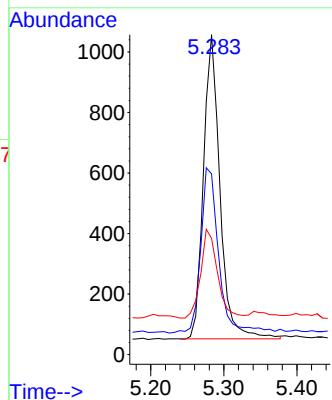
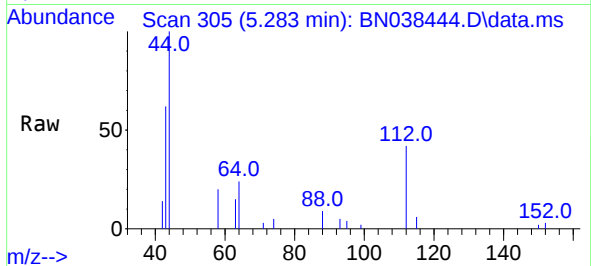




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

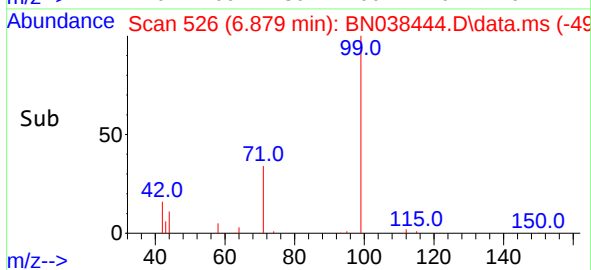
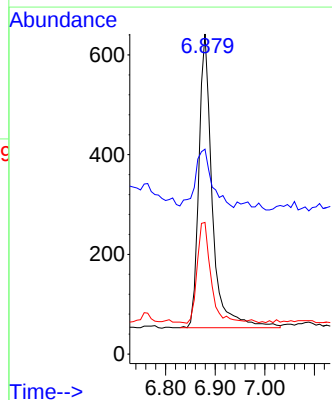
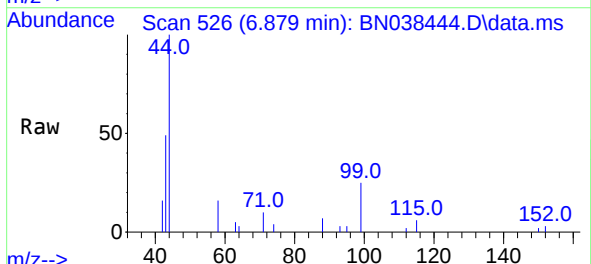
Instrument :
BNA_N
ClientSampleId :
TTMW30411-20251211

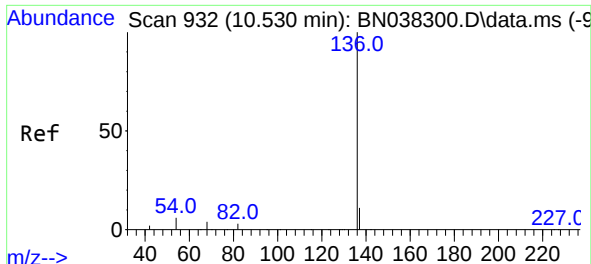
Tgt Ion:112 Resp: 1577
Ion Ratio Lower Upper
112 100
64 60.0 44.4 66.6
63 29.9 23.4 35.0



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion: 99 Resp: 1107
Ion Ratio Lower Upper
99 100
42 24.6 16.5 24.7
71 34.6 24.9 37.3

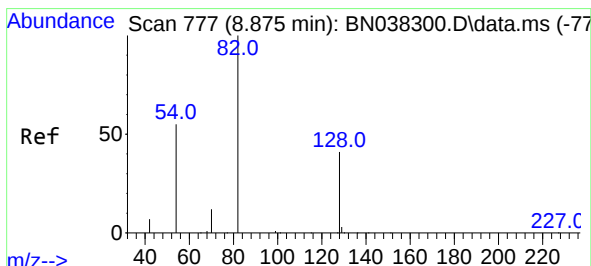
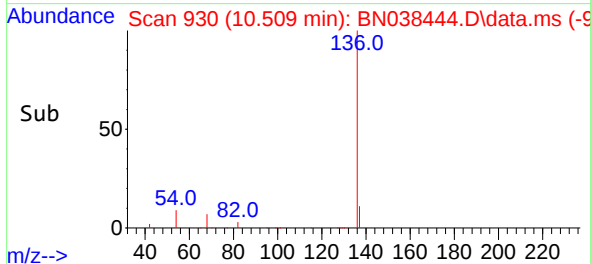
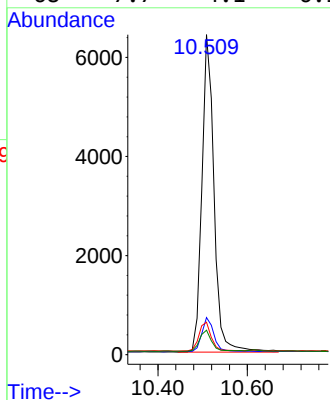
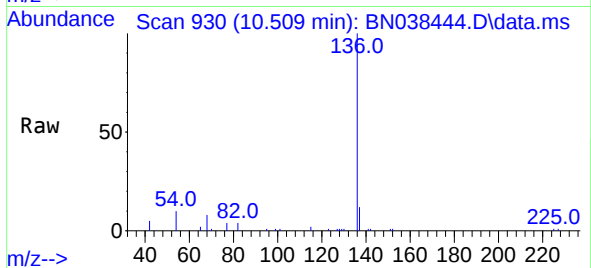




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

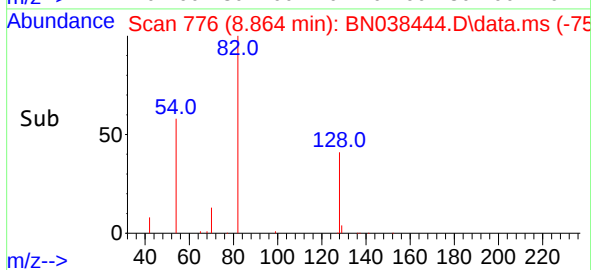
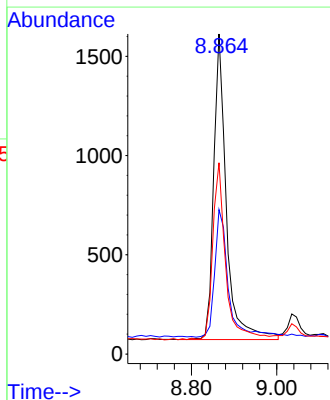
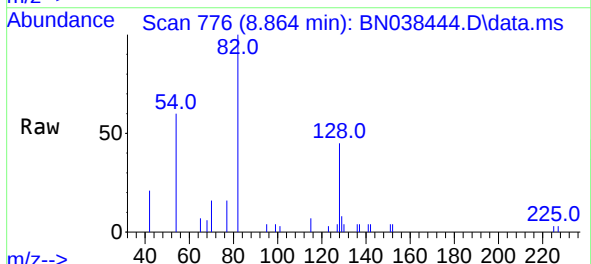
Instrument :
BNA_N
ClientSampleId :
TTMW30411-20251211

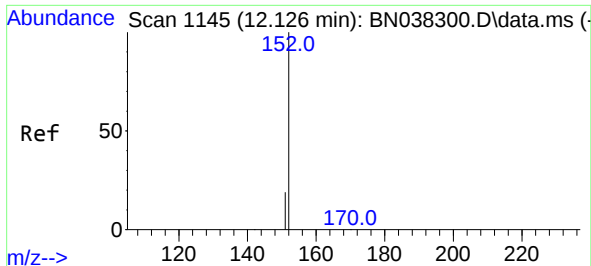
Tgt Ion:	136	Resp:	12039
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.1	5.2	7.8#
68	7.7	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion:	82	Resp:	3173
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	59.8	44.4	66.6

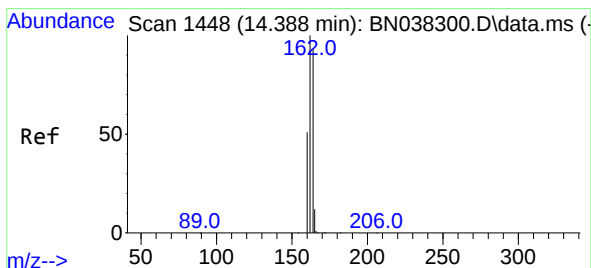
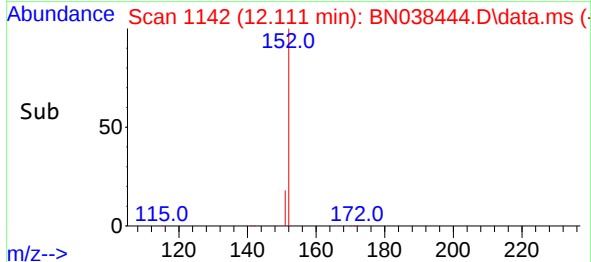
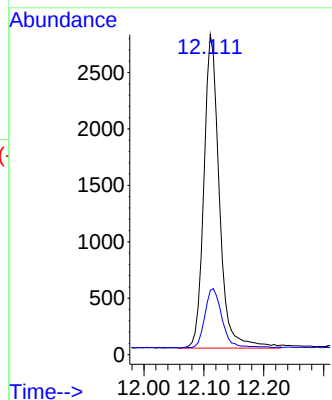
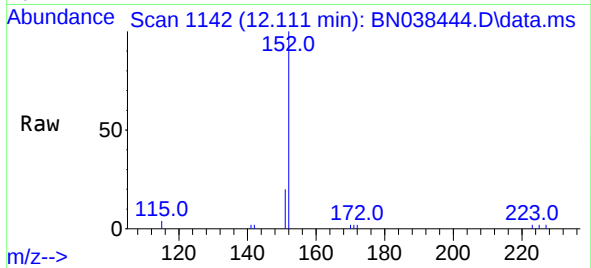




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

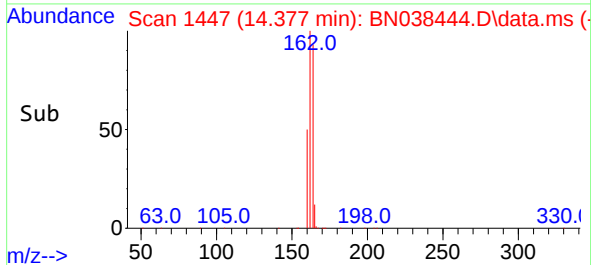
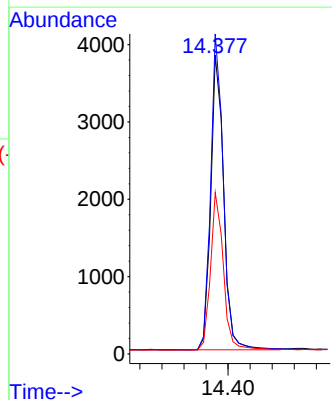
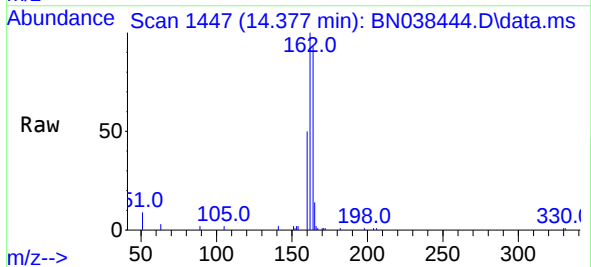
Instrument :
BNA_N
ClientSampleId :
TTMW30411-20251211

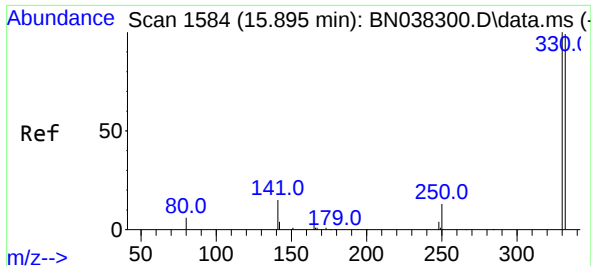
Tgt Ion:152 Resp: 4993
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion:164 Resp: 6247
Ion Ratio Lower Upper
164 100
162 107.1 86.2 129.4
160 54.0 44.6 67.0

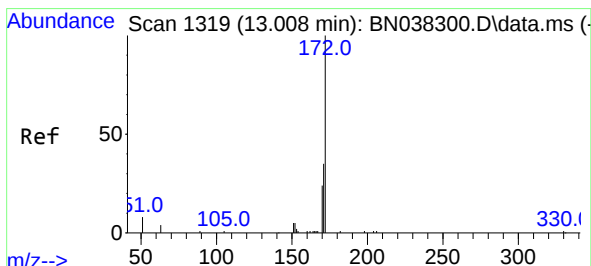
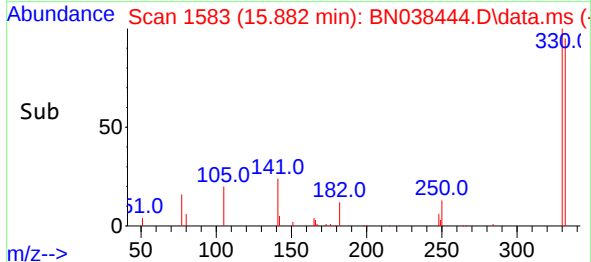
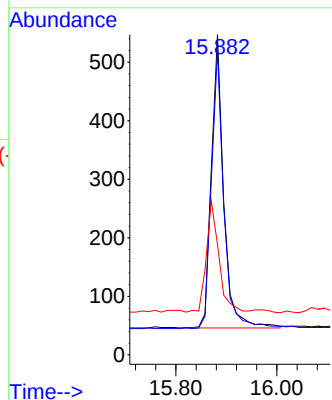
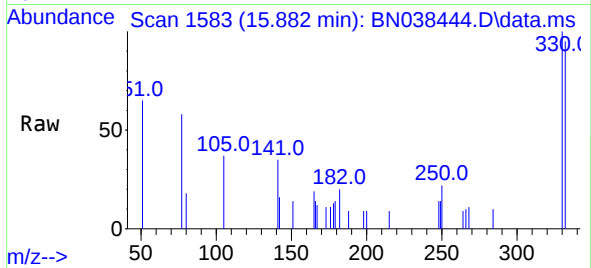




#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.882 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

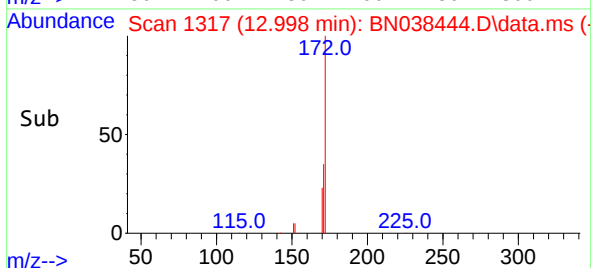
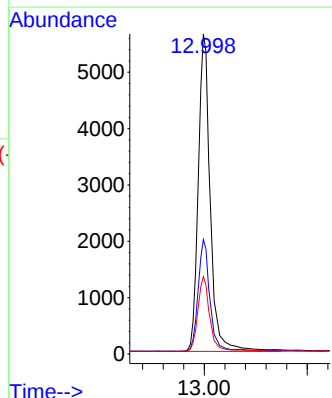
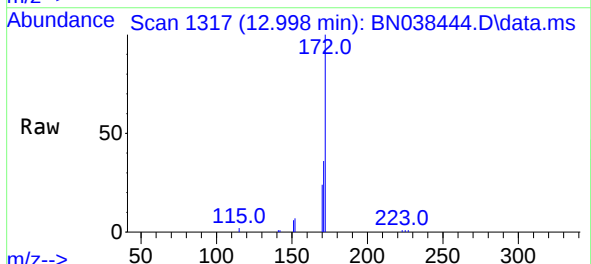
Instrument :
BNA_N
ClientSampleId :
TTMW30411-20251211

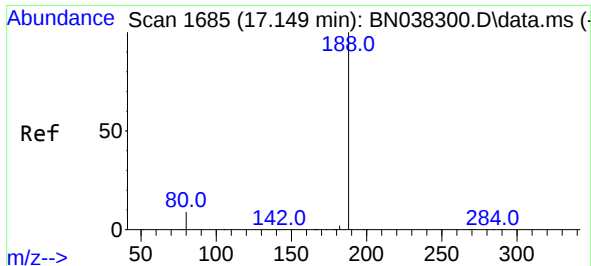
Tgt Ion:330 Resp: 853
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.6
141 39.6 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.998 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion:172 Resp: 12618
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.2 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: BN038444.D

Acq: 16 Dec 2025 16:14

Instrument :

BNA_N

ClientSampleId :

TTMW30411-20251211

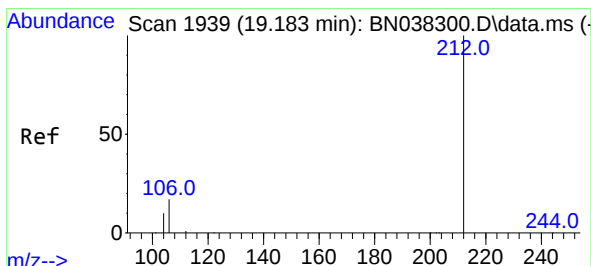
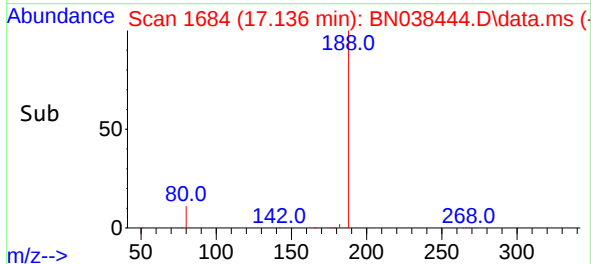
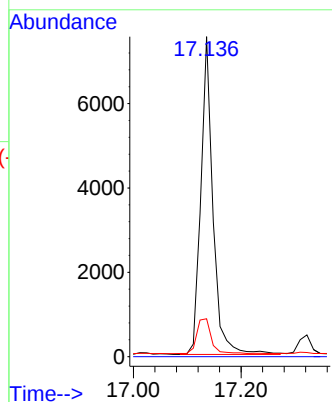
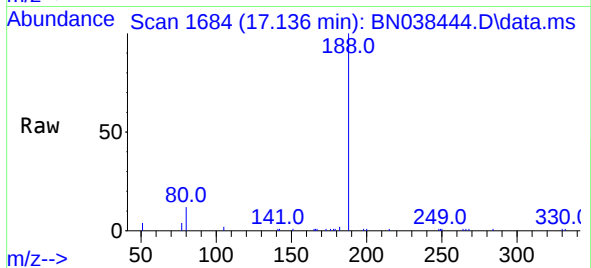
Tgt Ion:188 Resp: 11834

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.4 11.0#



#27

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.173 min Scan# 1937

Delta R.T. -0.014 min

Lab File: BN038444.D

Acq: 16 Dec 2025 16:14

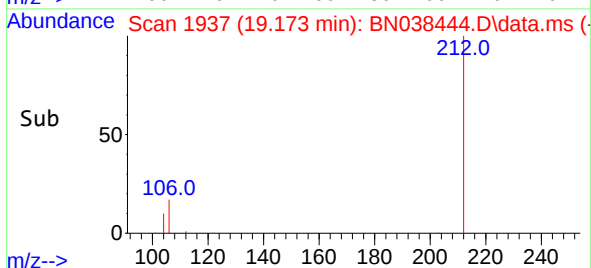
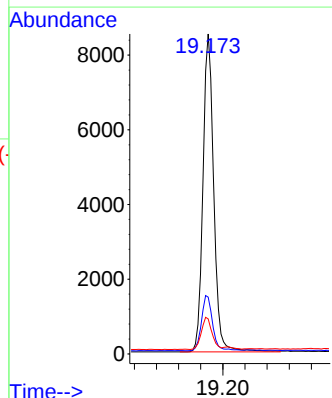
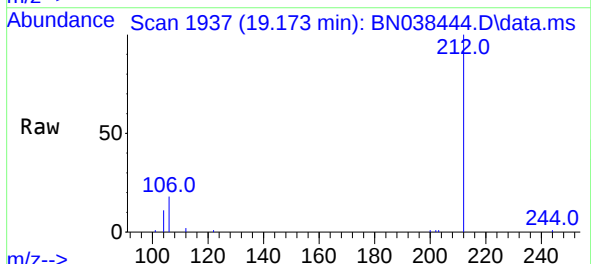
Tgt Ion:212 Resp: 11566

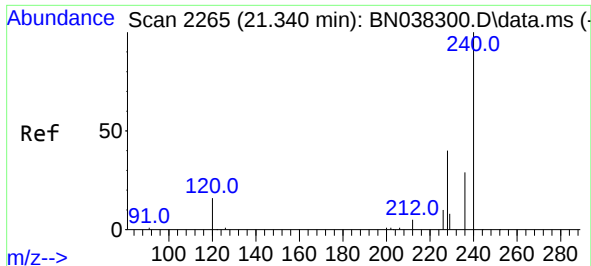
Ion Ratio Lower Upper

212 100

106 17.8 13.7 20.5

104 10.1 7.8 11.8

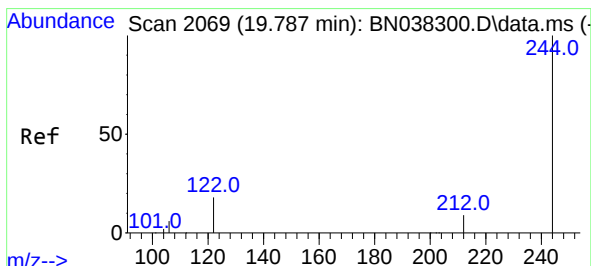
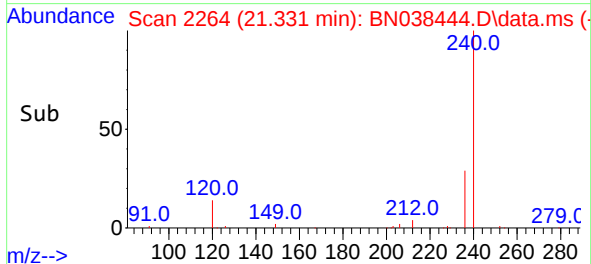
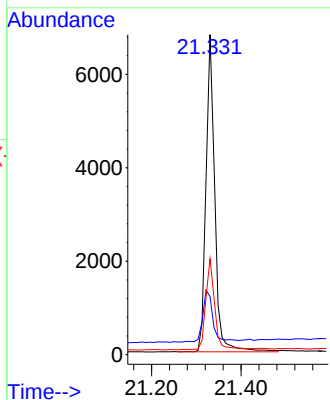
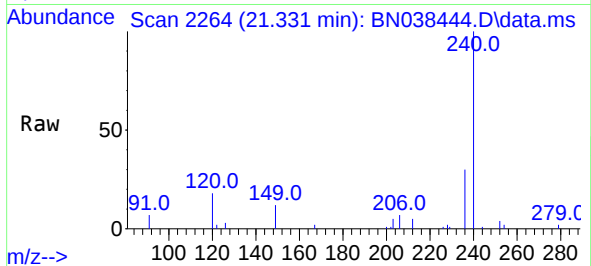




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

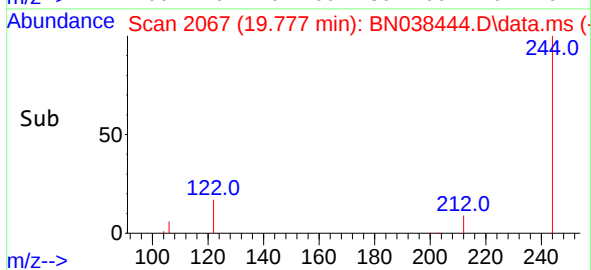
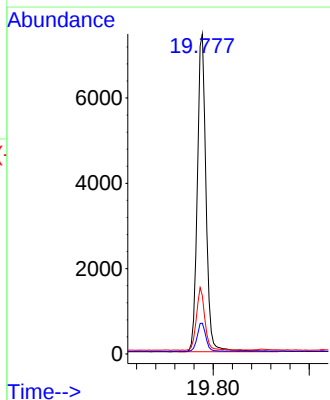
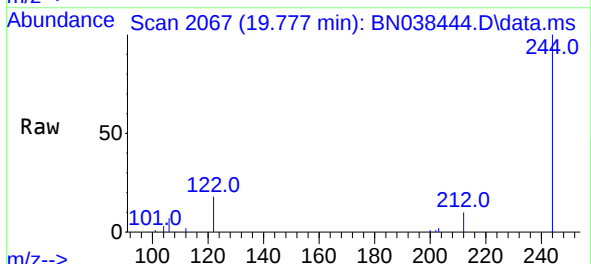
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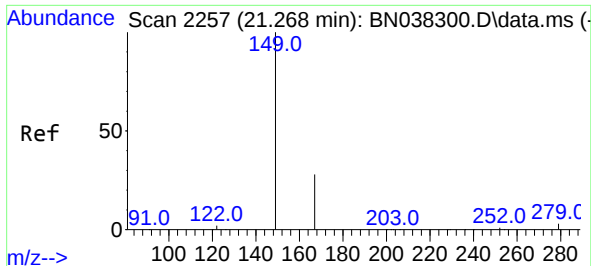
Tgt Ion:	240	Resp:	9345
Ion Ratio	Lower	Upper	
240	100		
120	18.1	15.4	23.2
236	30.0	23.9	35.9



#31
Terphenyl-d14
Concen: 0.452 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion:	244	Resp:	9436
Ion Ratio	Lower	Upper	
244	100		
212	9.6	7.9	11.9
122	18.2	15.0	22.6

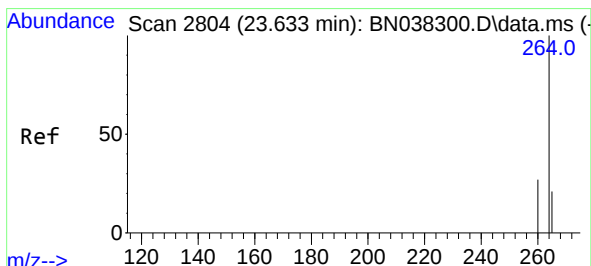
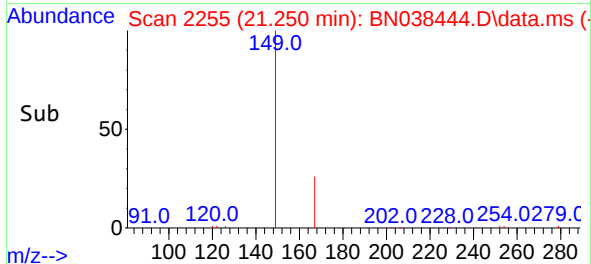
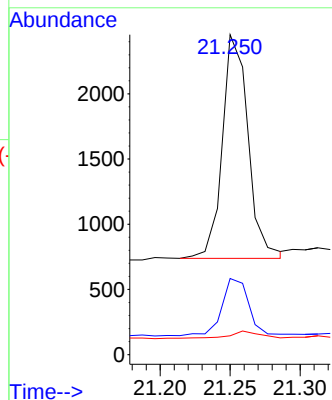
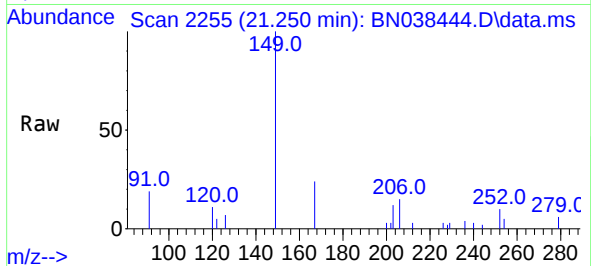




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.250 min Scan# 2193
Delta R.T. -0.018 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Instrument :
BNA_N
ClientSampleId :
TTMW30411-20251211

Tgt Ion:	149	Resp:	2193
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.5	2.4	3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.613 min Scan# 2797
Delta R.T. -0.021 min
Lab File: BN038444.D
Acq: 16 Dec 2025 16:14

Tgt Ion:	264	Resp:	9394
Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	96.2	80.2	120.2

