

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038445.D
 Acq On : 16 Dec 2025 16:51
 Operator : RC/JU
 Sample : Q3840-23
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TTMW304I2-20251211

Quant Time: Dec 16 17:14:49 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

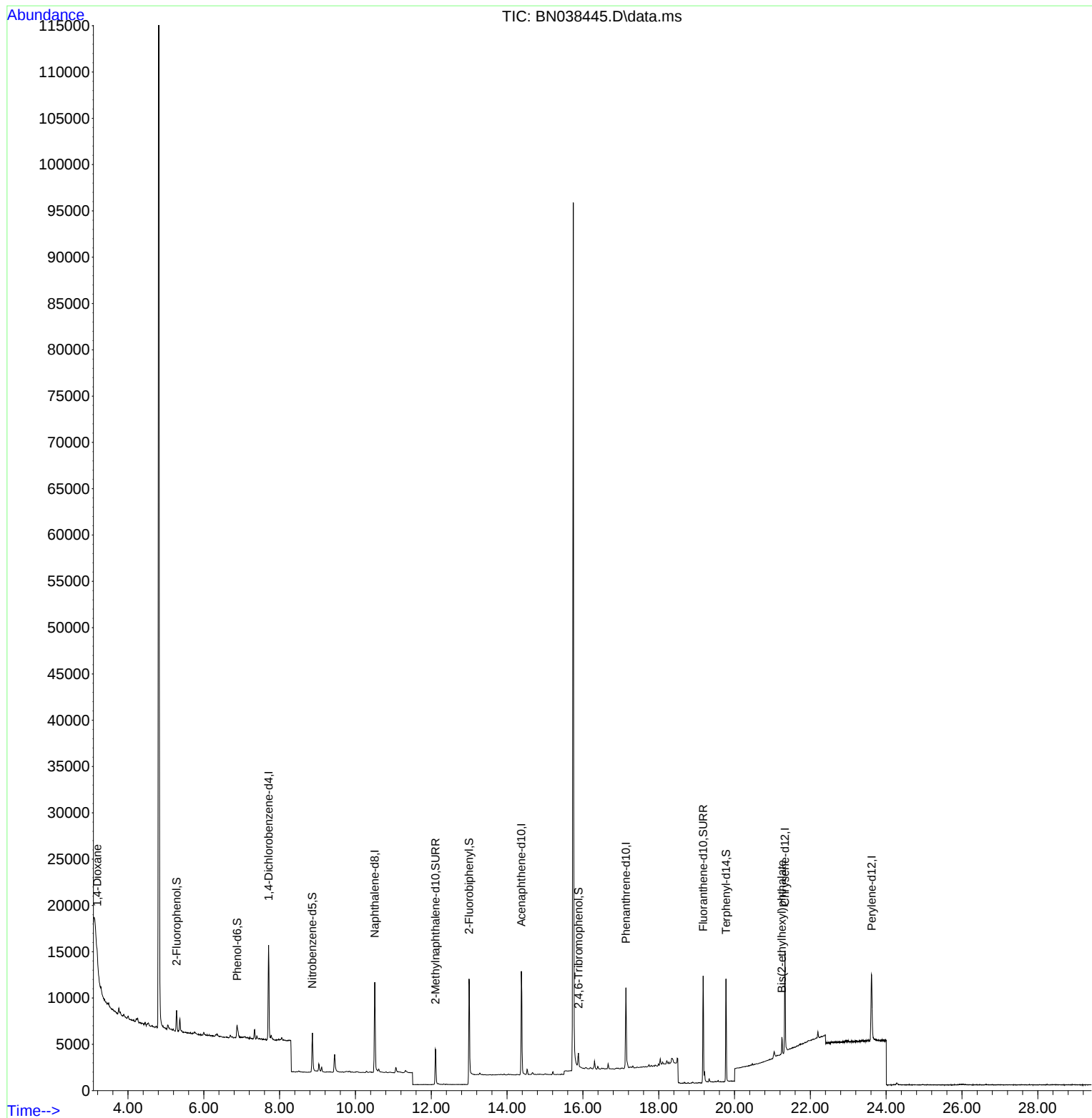
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5141	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13388	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6608	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12051	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10152	0.400	ng	0.00
35) Perylene-d12	23.616	264	10460	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1871	0.146	ng	0.00
5) Phenol-d6	6.879	99	1388	0.091	ng	0.00
8) Nitrobenzene-d5	8.865	82	3702	0.328	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5816	0.308	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	929	0.317	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	13945	0.438	ng	-0.01
27) Fluoranthene-d10	19.174	212	12430	0.417	ng	-0.01
31) Terphenyl-d14	19.778	244	10525	0.465	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.189	88	429	0.073	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.250	149	1775	0.082	ng	# 99

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

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TTMW30412-20251211

Quant Time: Dec 16 17:14:49 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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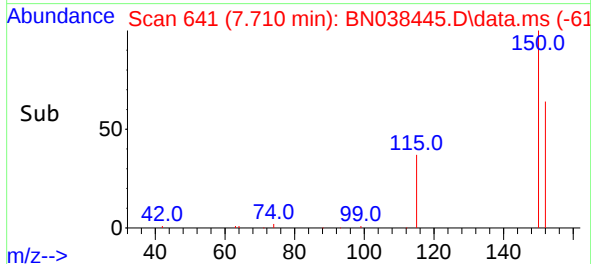
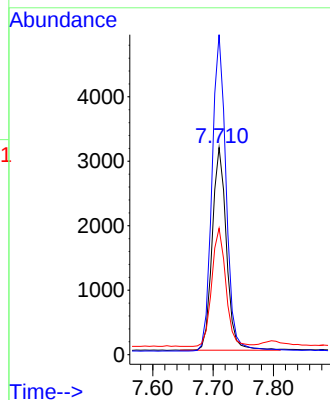
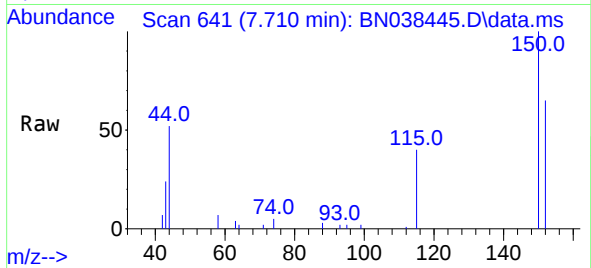




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038445.D
 Acq: 16 Dec 2025 16:51

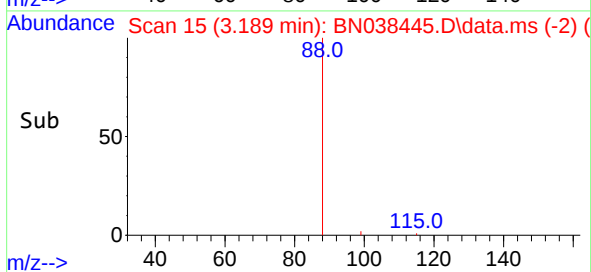
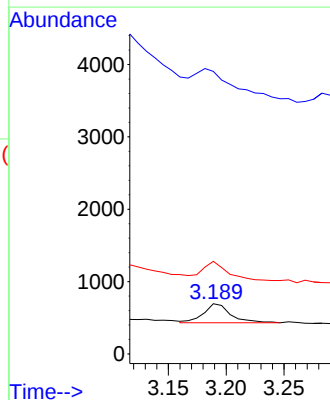
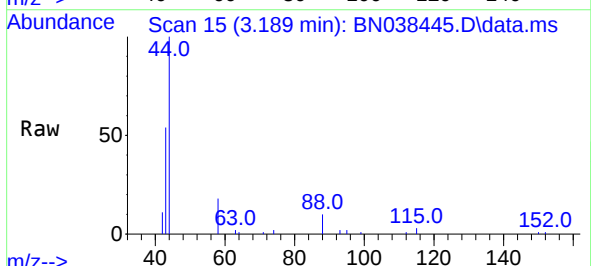
Instrument :
 BNA_N
 ClientSampleId :
 TTMW30412-20251211

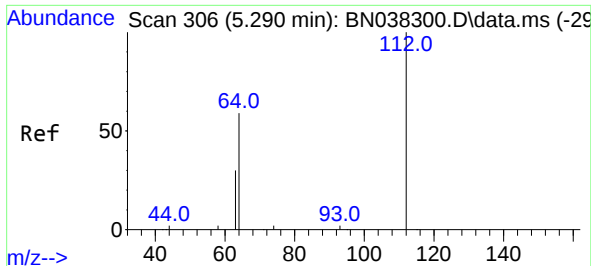
Tgt Ion:152 Resp: 5141
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.4 183.6
 115 61.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.073 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038445.D
 Acq: 16 Dec 2025 16:51

Tgt Ion: 88 Resp: 429
 Ion Ratio Lower Upper
 88 100
 43 266.7 24.9 37.3#
 58 128.2 61.4 92.0#

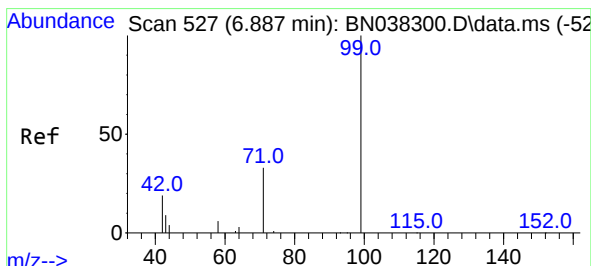
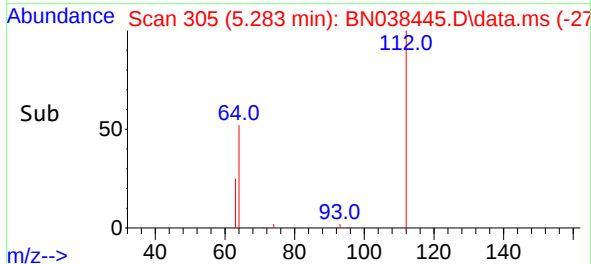
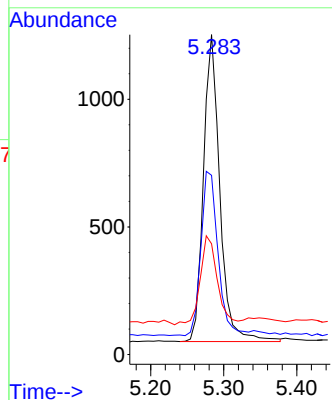
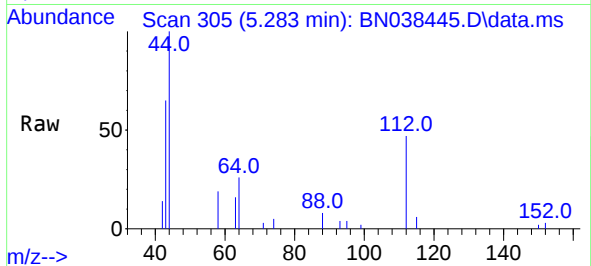




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

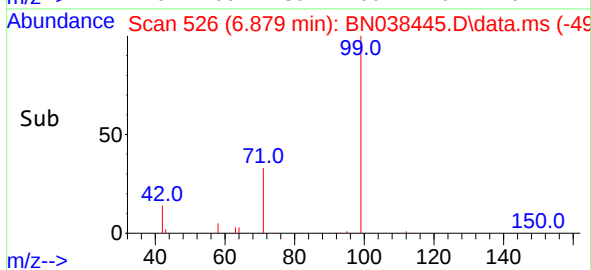
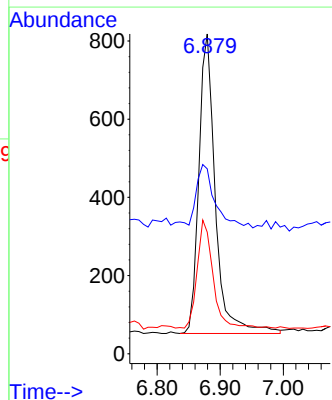
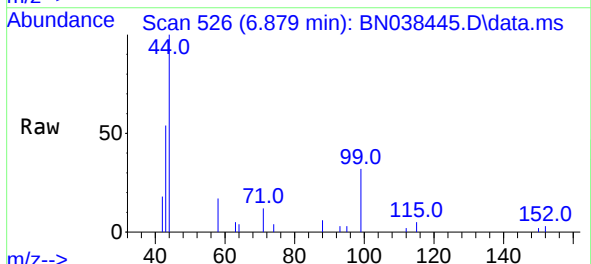
Instrument :
BNA_N
ClientSampleId :
TTMW30412-20251211

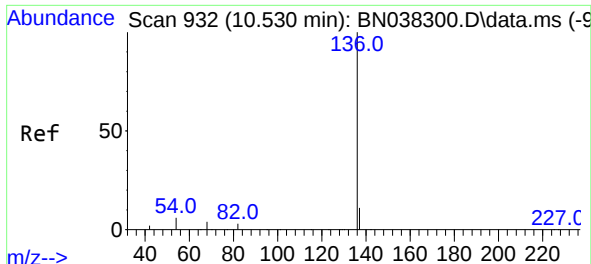
Tgt Ion:112 Resp: 1871
Ion Ratio Lower Upper
112 100
64 55.2 44.4 66.6
63 30.2 23.4 35.0



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

Tgt Ion: 99 Resp: 1388
Ion Ratio Lower Upper
99 100
42 24.4 16.5 24.7
71 34.4 24.9 37.3

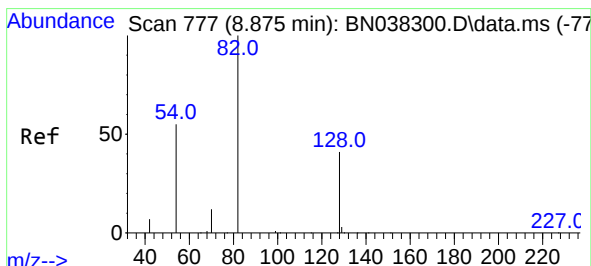
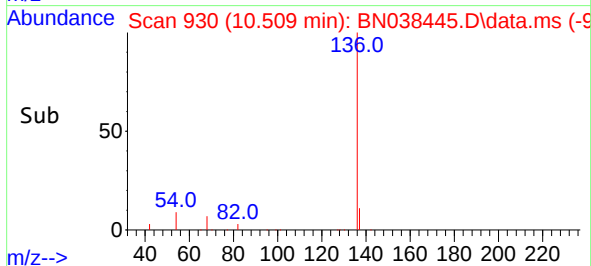
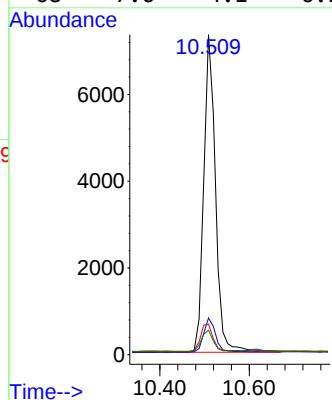
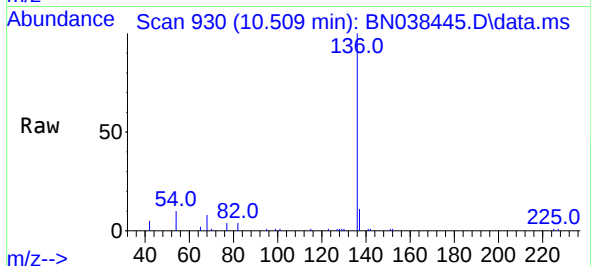




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

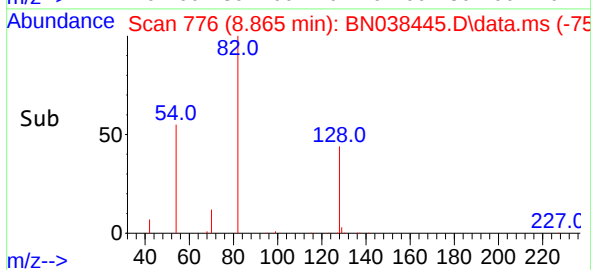
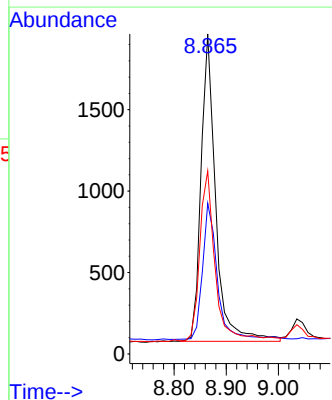
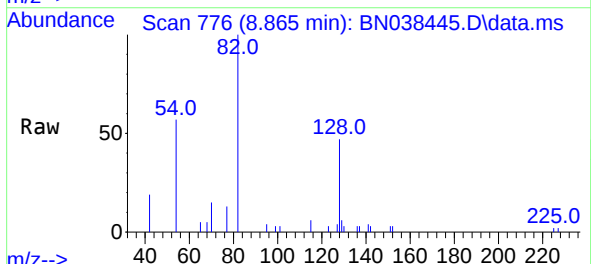
Instrument :
BNA_N
ClientSampleId :
TTMW30412-20251211

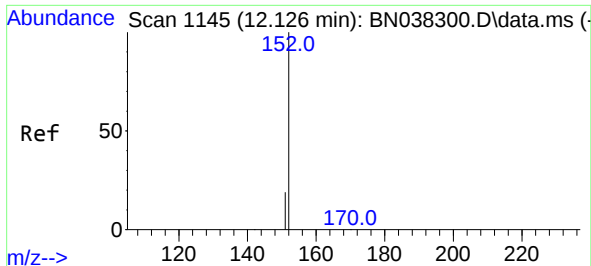
Tgt Ion:	136	Resp:	13388
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	9.6	5.2	7.8#
68	7.6	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

Tgt Ion:	82	Resp:	3702
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.0	51.0
54	57.2	44.4	66.6

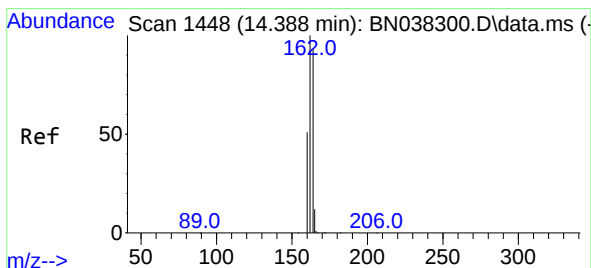
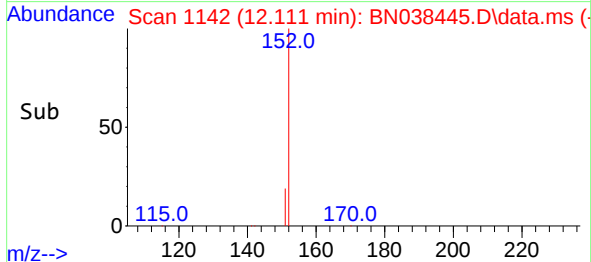
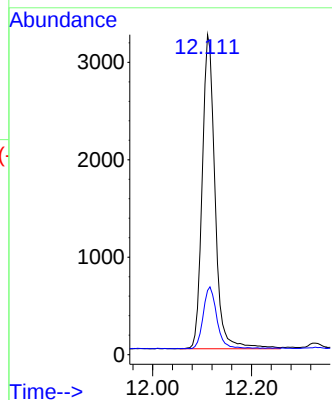
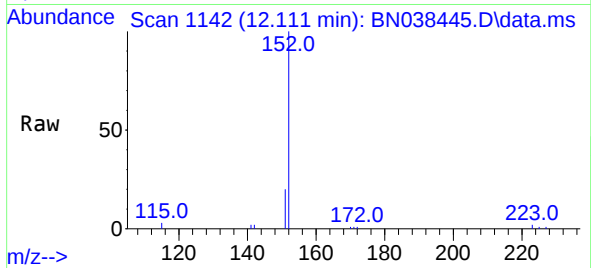




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

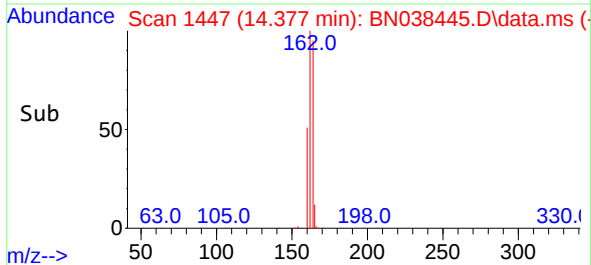
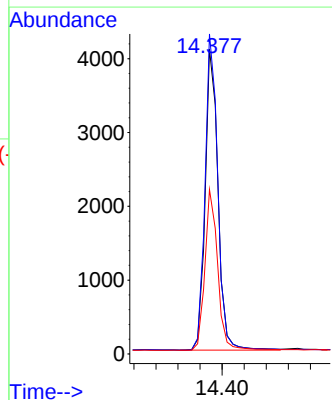
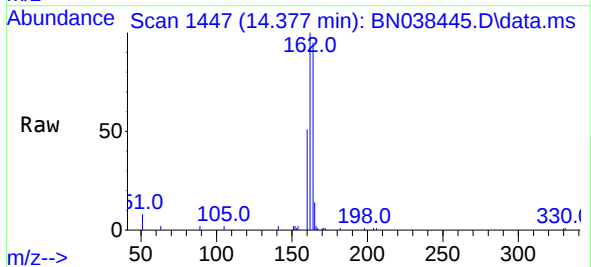
Instrument :
BNA_N
ClientSampleId :
TTMW30412-20251211

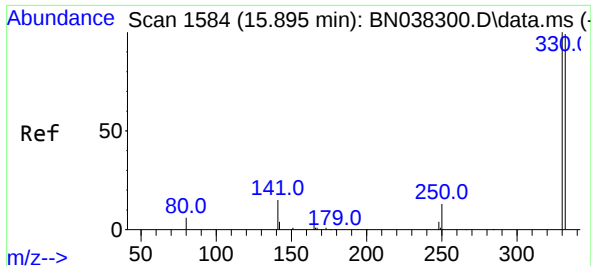
Tgt Ion:152 Resp: 5816
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

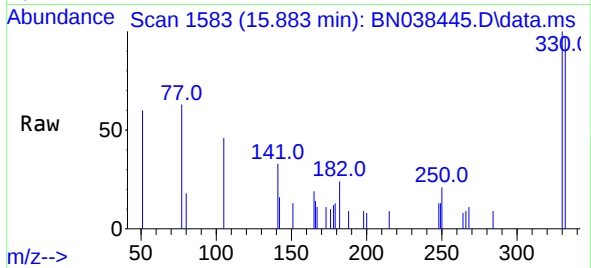
Tgt Ion:164 Resp: 6608
Ion Ratio Lower Upper
164 100
162 105.1 86.2 129.4
160 54.0 44.6 67.0



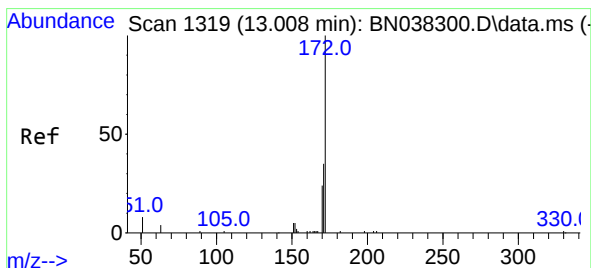
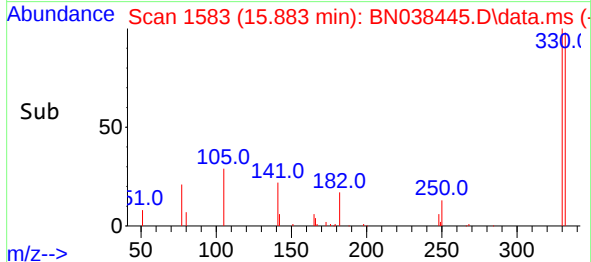
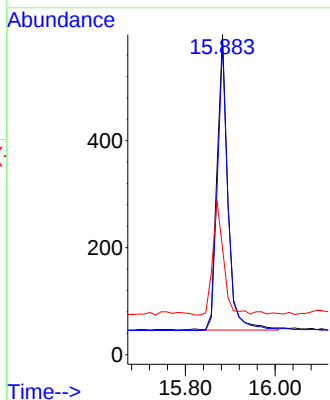


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.883 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

Instrument :
BNA_N
ClientSampleId :
TTMW30412-20251211

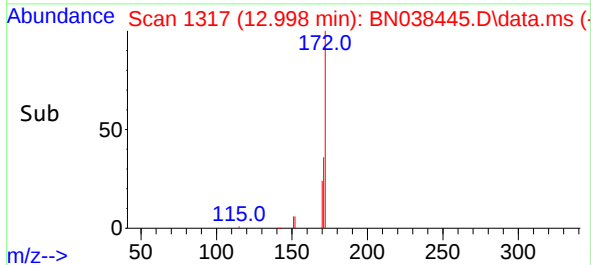
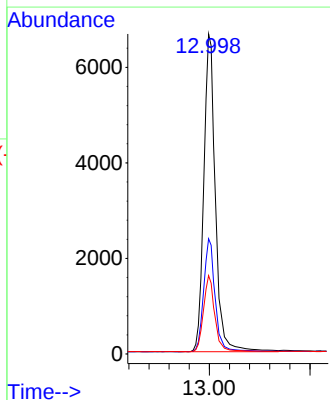
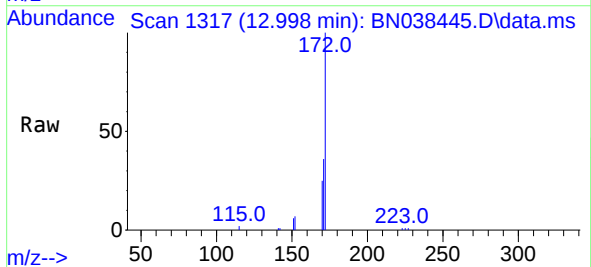


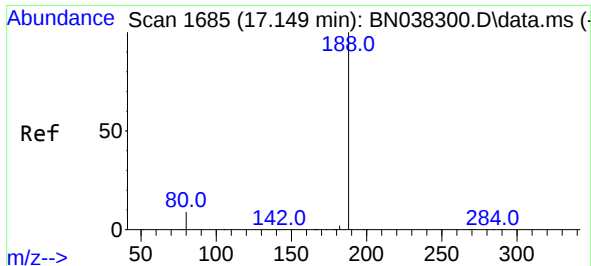
Tgt Ion:330 Resp: 929
Ion Ratio Lower Upper
330 100
332 95.0 75.8 113.6
141 38.4 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.998 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

Tgt Ion:172 Resp: 13945
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.5 19.3 28.9

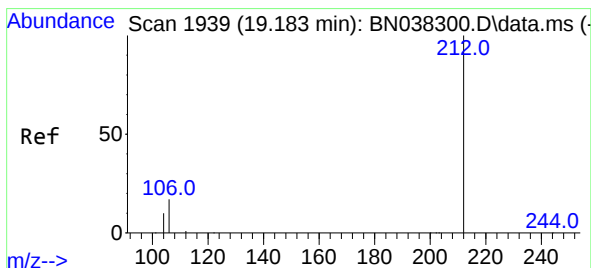
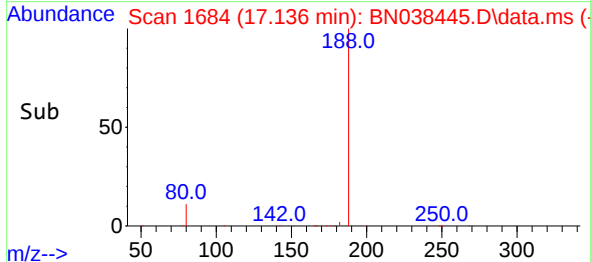
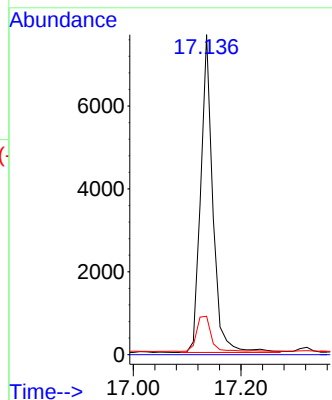
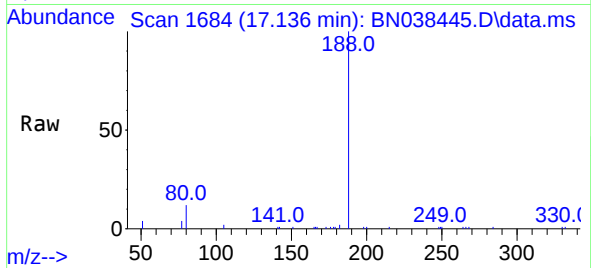




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

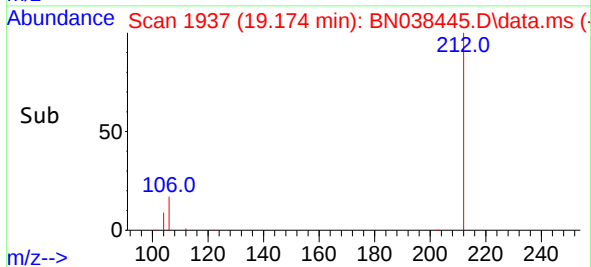
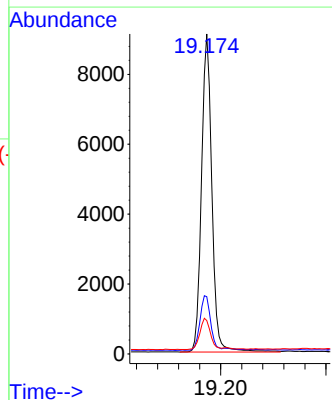
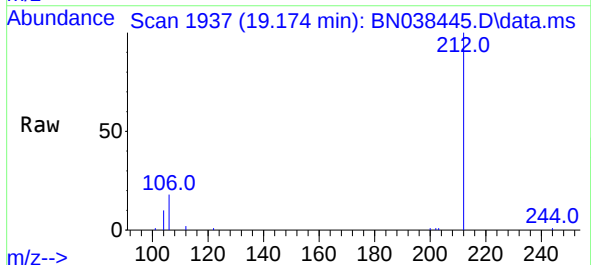
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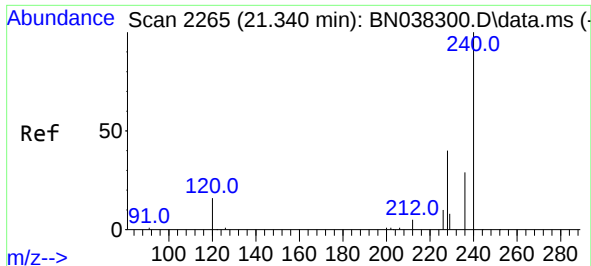
Tgt Ion:188 Resp: 12051
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

Tgt Ion:212 Resp: 12430
Ion Ratio Lower Upper
212 100
106 18.4 13.7 20.5
104 9.8 7.8 11.8

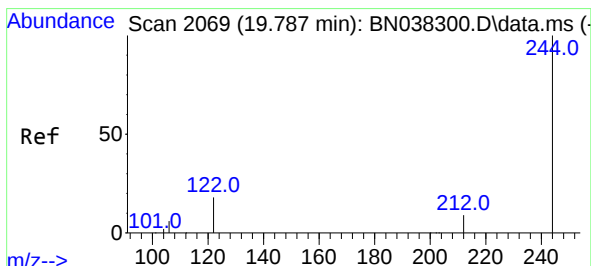
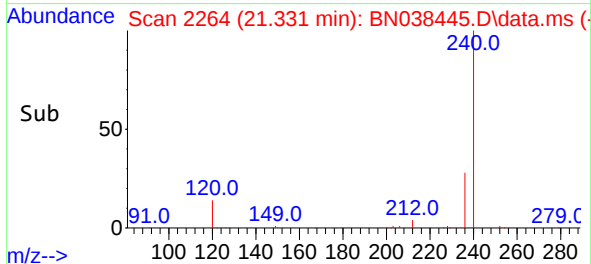
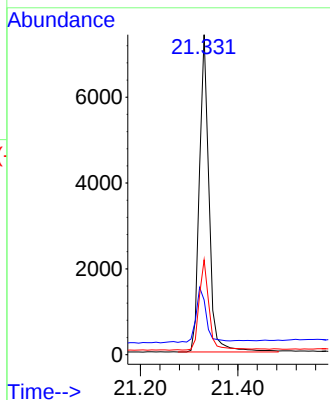
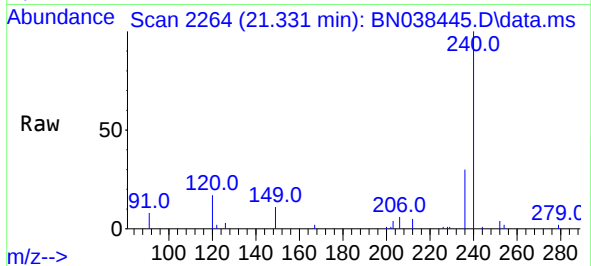




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

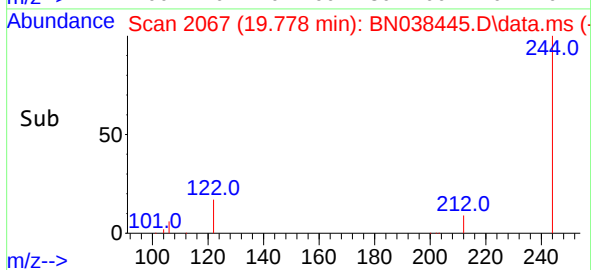
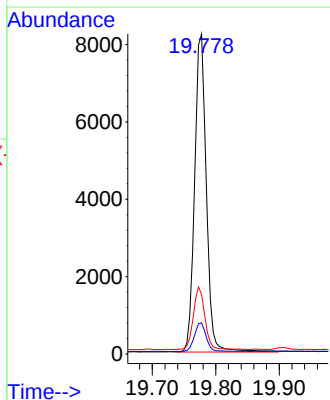
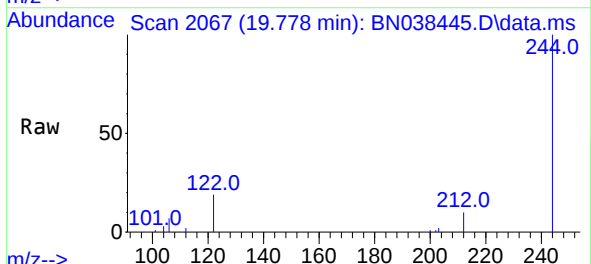
Instrument :
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TTMW30412-20251211

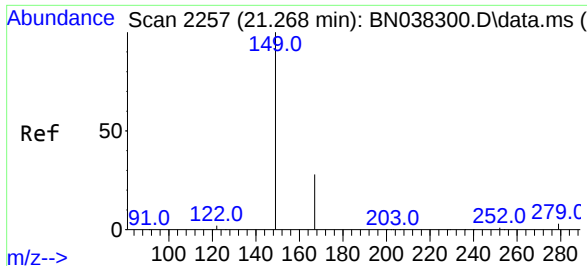
Tgt Ion:240 Resp: 10152
Ion Ratio Lower Upper
240 100
120 17.1 15.4 23.2
236 29.7 23.9 35.9



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.778 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038445.D
Acq: 16 Dec 2025 16:51

Tgt Ion:244 Resp: 10525
Ion Ratio Lower Upper
244 100
212 9.7 7.9 11.9
122 18.6 15.0 22.6

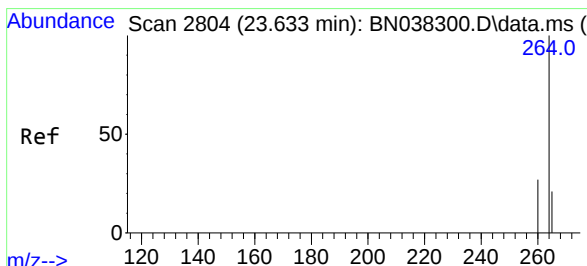
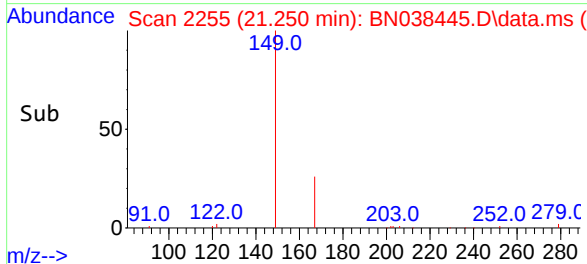
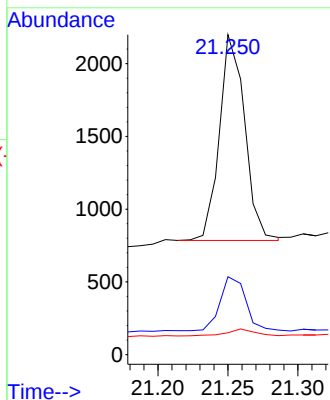
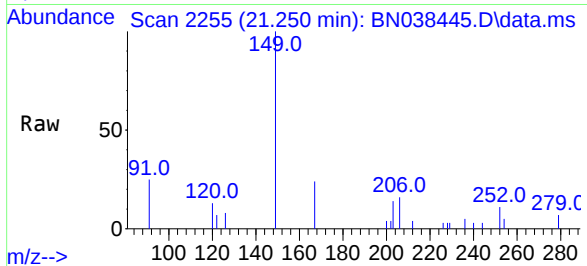




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.250 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN038445.D
 Acq: 16 Dec 2025 16:51

Instrument :
 BNA_N
 ClientSampleId :
 TTMW30412-20251211

Tgt Ion:149 Resp: 1775
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 3.7 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2798
 Delta R.T. -0.017 min
 Lab File: BN038445.D
 Acq: 16 Dec 2025 16:51

Tgt Ion:264 Resp: 10460
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.2 33.2
 265 89.4 80.2 120.2

