

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038469.D
 Acq On : 17 Dec 2025 08:38
 Operator : RC/JU
 Sample : SP6953
 Misc : 8270 SIM SURROGATES
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 17 09:47:20 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)

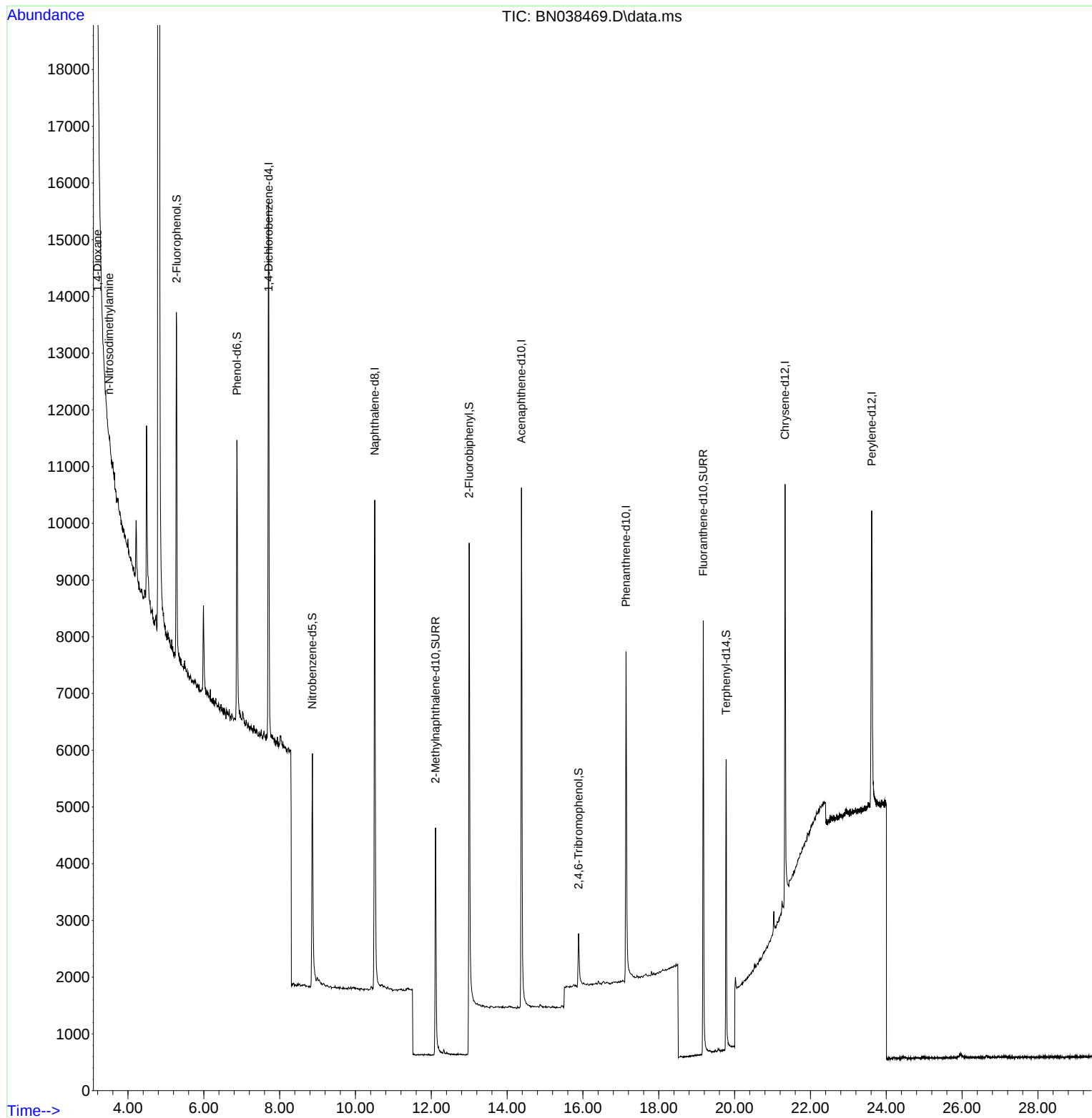
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5235	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12745	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	5987	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	9471	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	7425	0.400	ng	0.00
35) Perylene-d12	23.616	264	8076	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	5237	0.402	ng	0.00
5) Phenol-d6	6.872	99	5626	0.363	ng	-0.01
8) Nitrobenzene-d5	8.865	82	3987	0.371	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	6737	0.375	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	749	0.282	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	12998	0.451	ng	0.00
27) Fluoranthene-d10	19.174	212	9133	0.390	ng	-0.01
31) Terphenyl-d14	19.778	244	5387	0.325	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	165	0.027	ng	# 20
3) n-Nitrosodimethylamine	3.507	42	223	0.030	ng	# 49

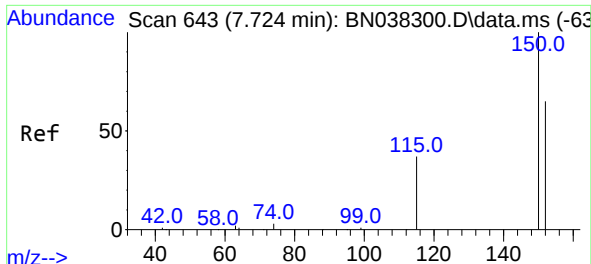
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038469.D
Acq On : 17 Dec 2025 08:38
Operator : RC/JU
Sample : SP6953
Misc : 8270 SIM SURROGATES
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 17 09:47:20 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

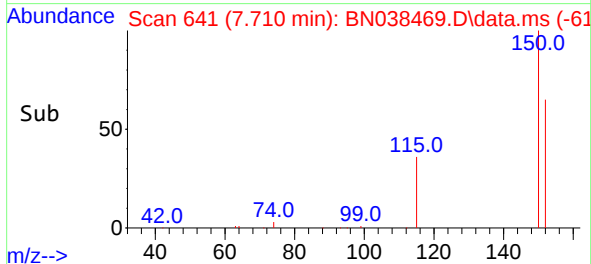
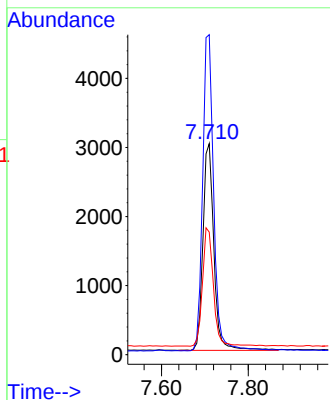
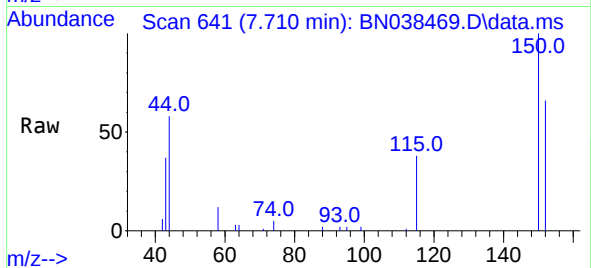




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

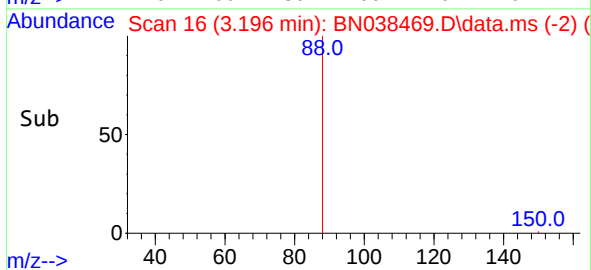
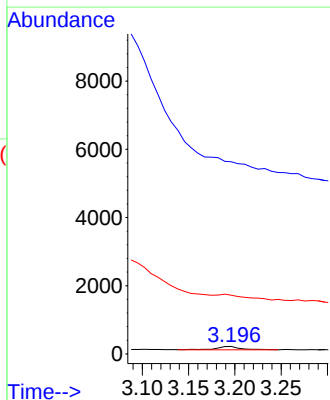
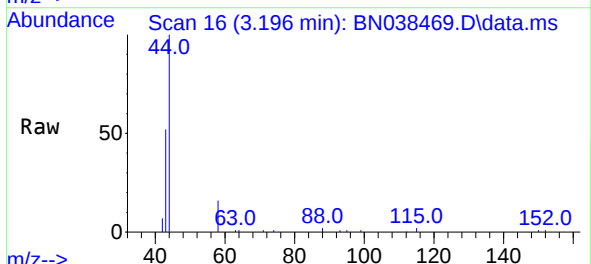
Instrument :
BNA_N
ClientSampleId :

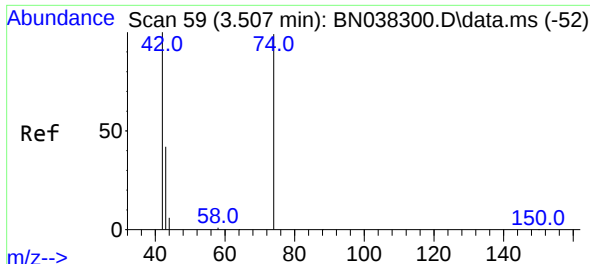
Tgt Ion:152 Resp: 5235
Ion Ratio Lower Upper
152 100
150 151.6 122.4 183.6
115 58.1 47.3 70.9



#2
1,4-Dioxane
Concen: 0.027 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Tgt Ion: 88 Resp: 165
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 0.0 61.4 92.0#

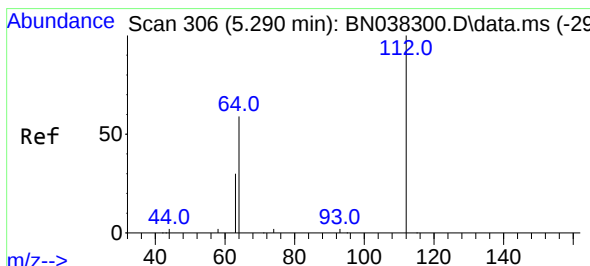
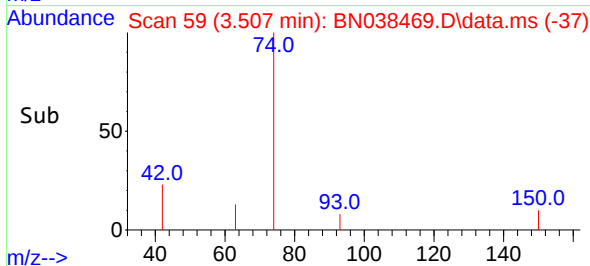
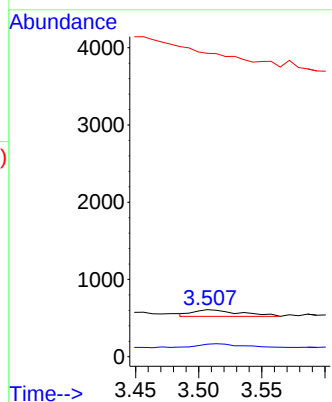
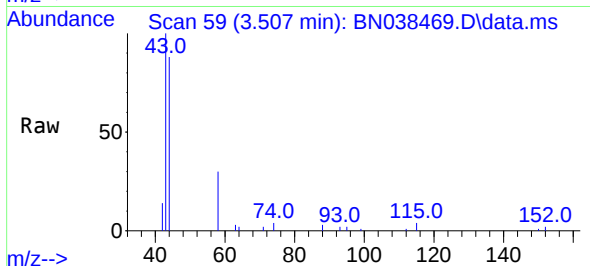




#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.507 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

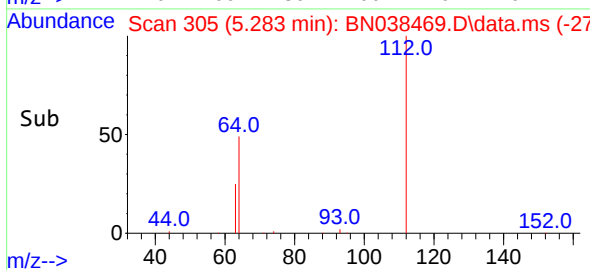
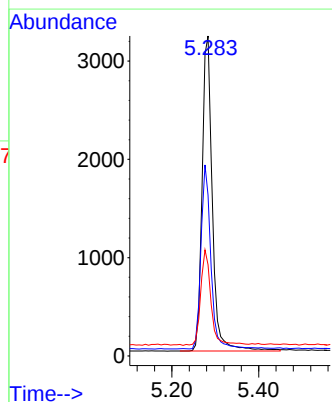
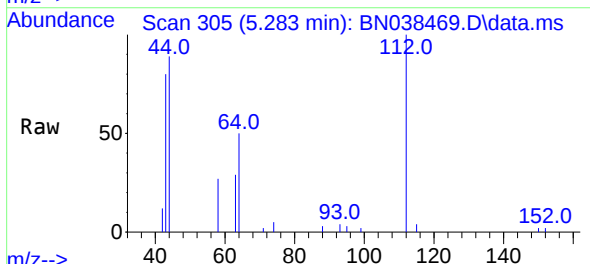
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 223
Ion Ratio Lower Upper
42 100
74 61.0 95.3 142.9#
44 0.0 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

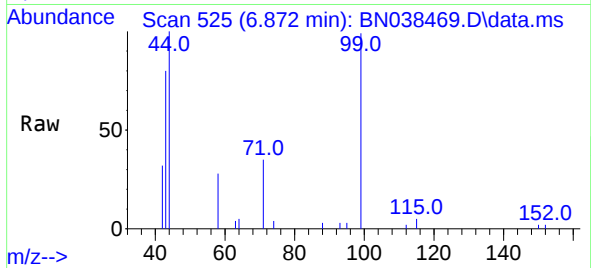
Tgt Ion: 112 Resp: 5237
Ion Ratio Lower Upper
112 100
64 57.1 44.4 66.6
63 30.6 23.4 35.0



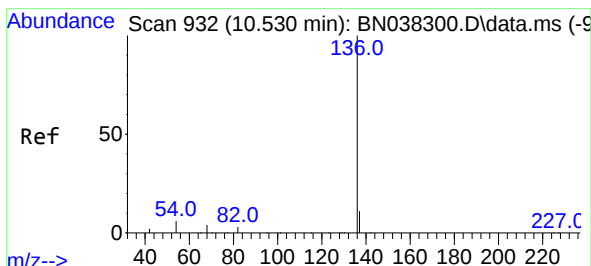
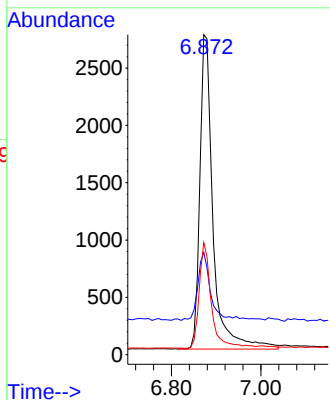
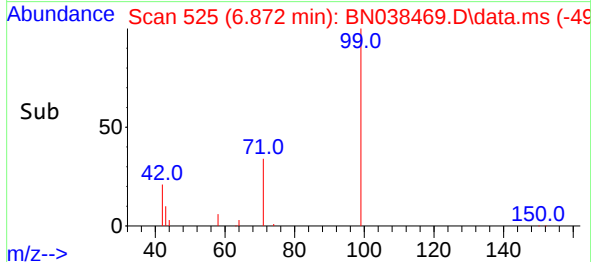


#5
Phenol-d6
Concen: 0.363 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

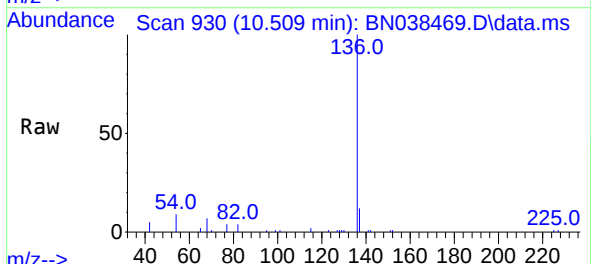
Instrument :
BNA_N
ClientSampleId :



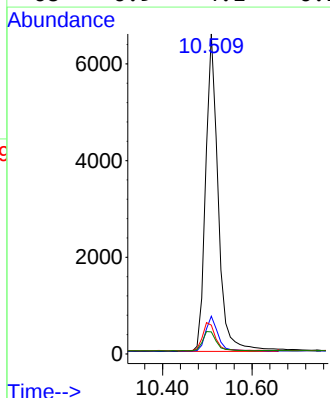
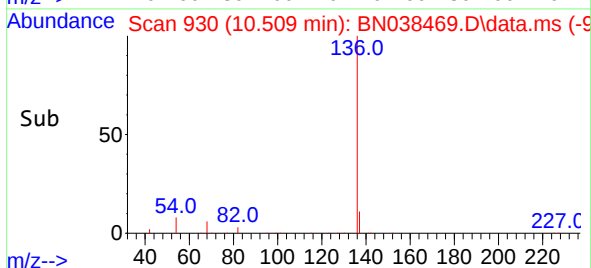
Tgt Ion: 99 Resp: 5626
Ion Ratio Lower Upper
99 100
42 21.5 16.5 24.7
71 31.1 24.9 37.3

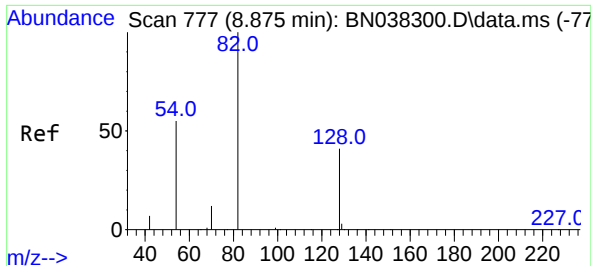


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38



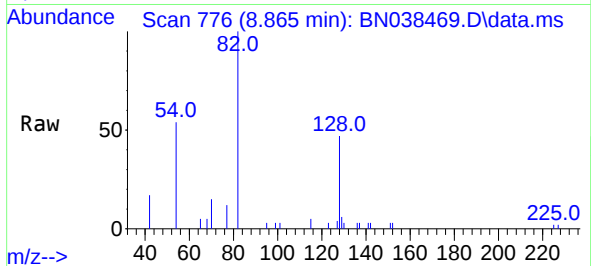
Tgt Ion: 136 Resp: 12745
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 9.0 5.2 7.8#
68 6.9 4.1 6.1#



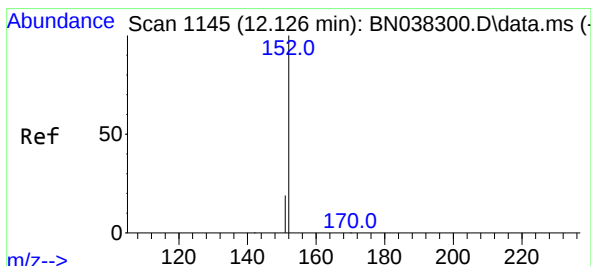
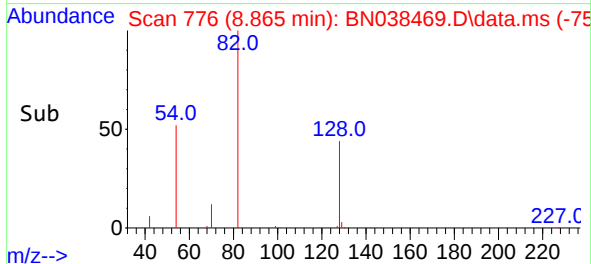
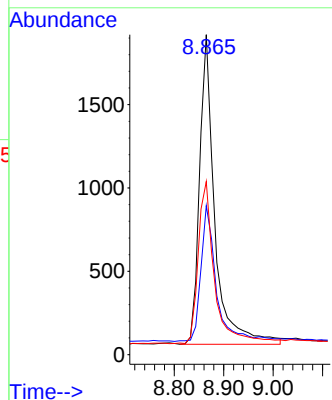


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Instrument :
BNA_N
ClientSampleId :

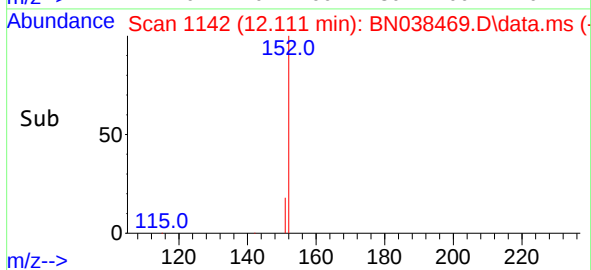
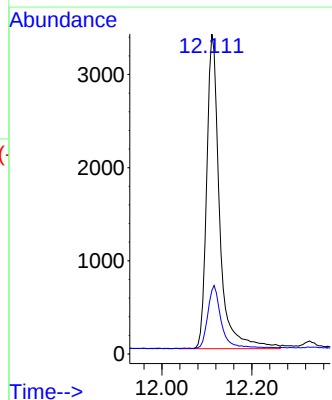
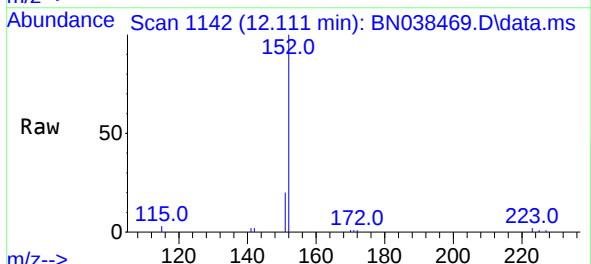


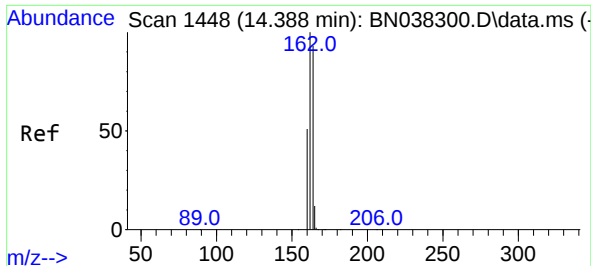
Tgt Ion: 82 Resp: 3987
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 54.1 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Tgt Ion: 152 Resp: 6737
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6

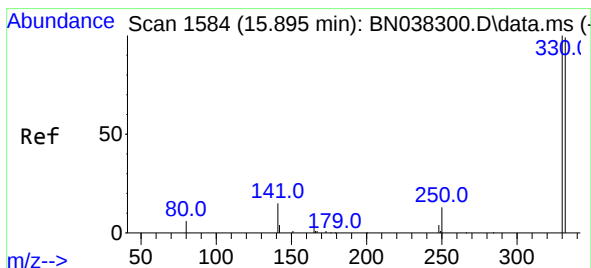
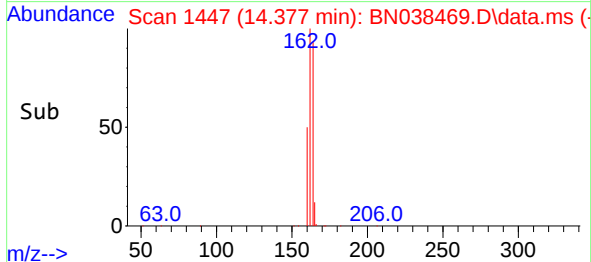
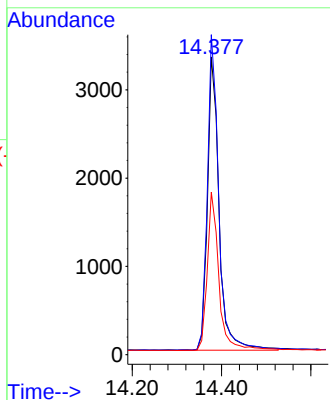
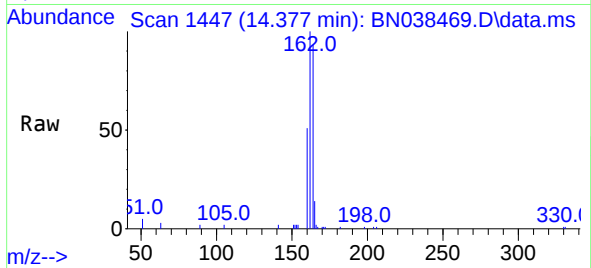




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1448
Delta R.T. -0.021 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

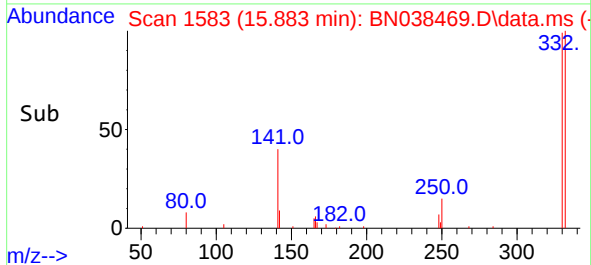
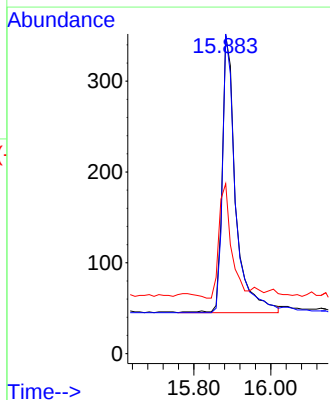
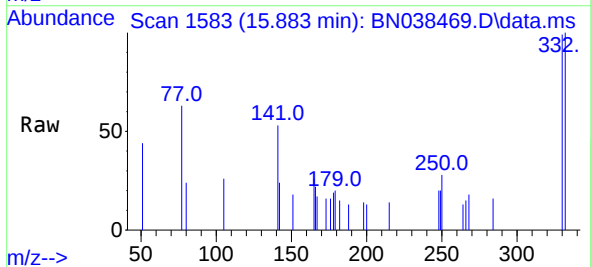
Instrument :
BNA_N
ClientSampleId :

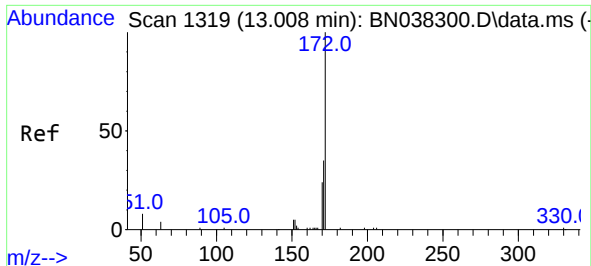
Tgt Ion:164 Resp: 5987
Ion Ratio Lower Upper
164 100
162 107.4 86.2 129.4
160 54.6 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

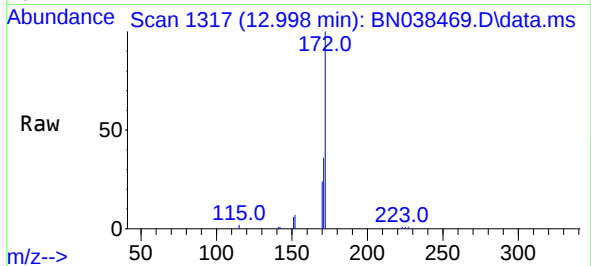
Tgt Ion:330 Resp: 749
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 38.3 31.8 47.8



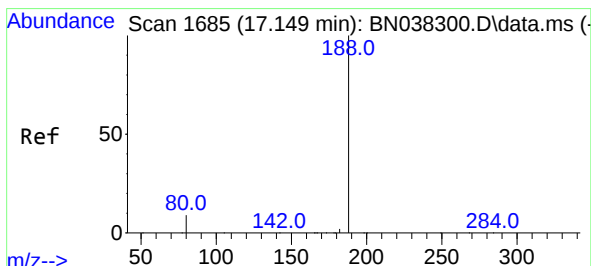
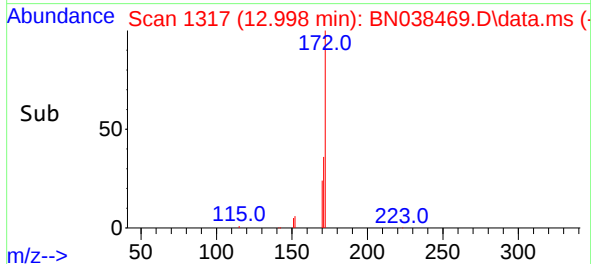
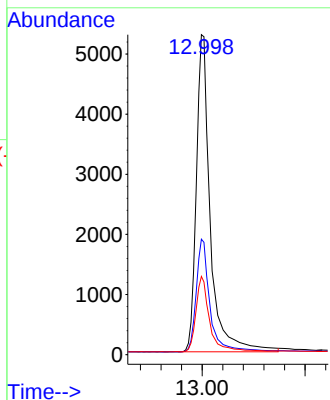


#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Instrument :
BNA_N
ClientSampleId :

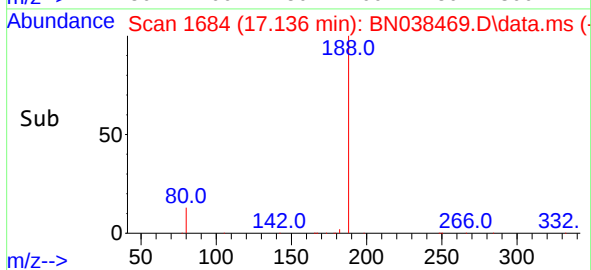
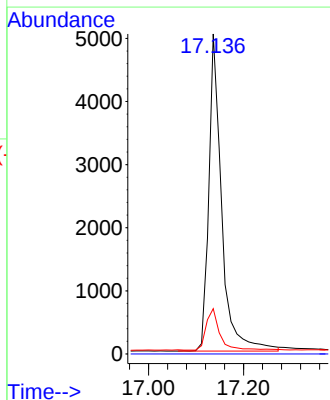
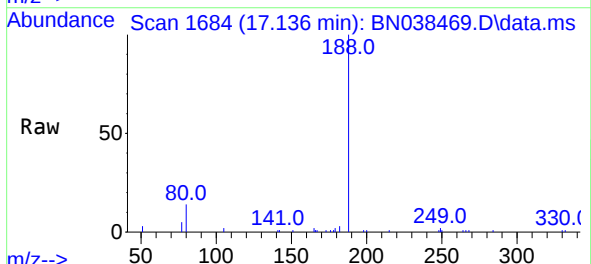


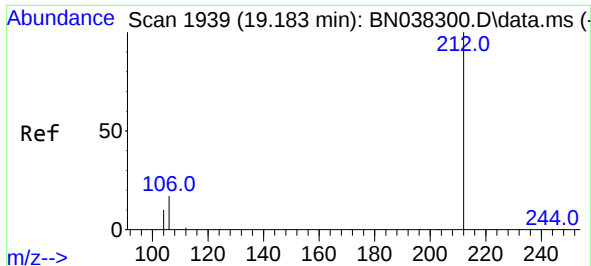
Tgt Ion:172 Resp: 12998
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.5 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

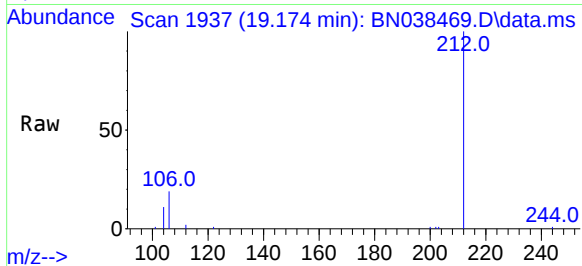
Tgt Ion:188 Resp: 9471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.4 11.0#



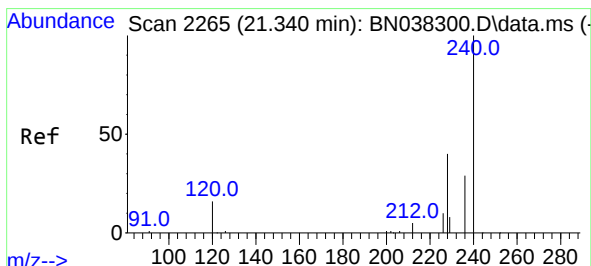
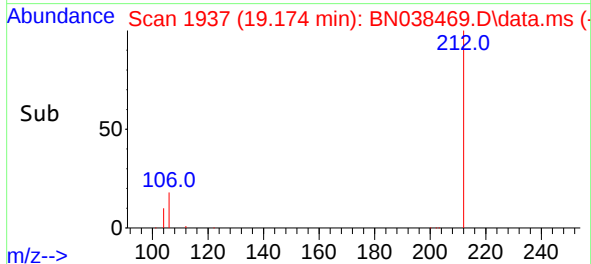
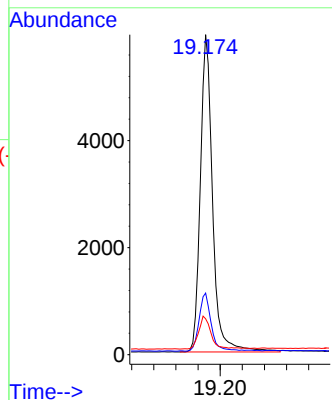


#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Instrument :
BNA_N
ClientSampleId :

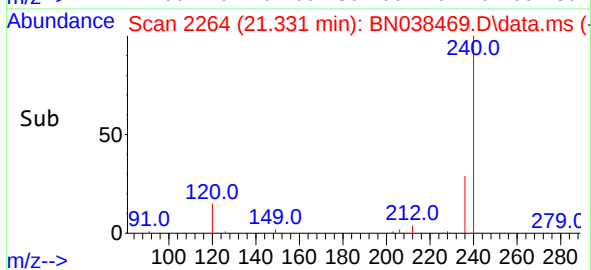
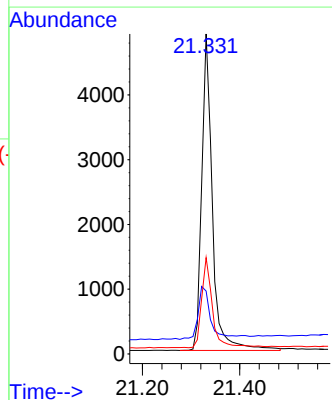
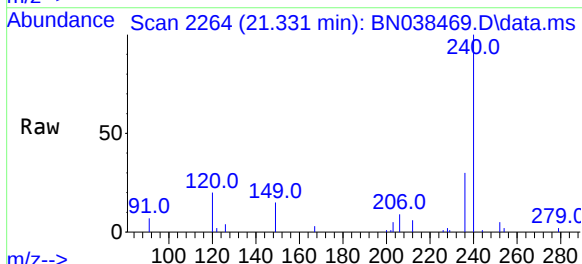


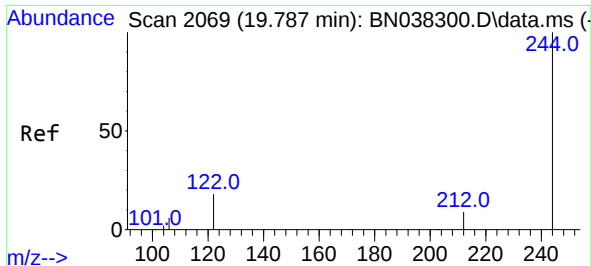
Tgt Ion:212 Resp: 9133
Ion Ratio Lower Upper
212 100
106 18.0 13.7 20.5
104 10.2 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

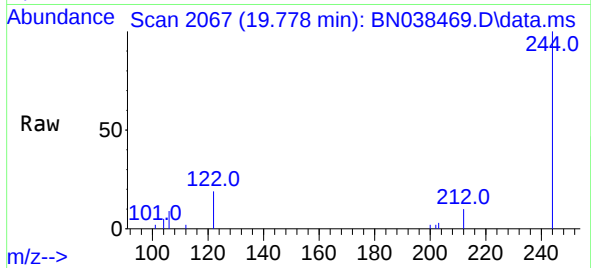
Tgt Ion:240 Resp: 7425
Ion Ratio Lower Upper
240 100
120 19.7 15.4 23.2
236 30.1 23.9 35.9



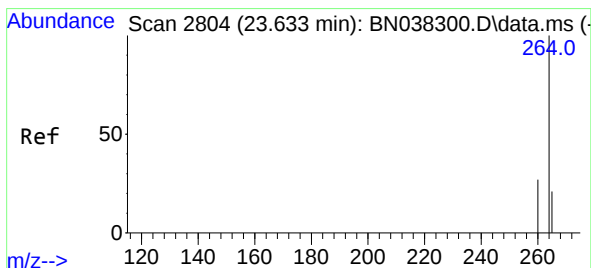
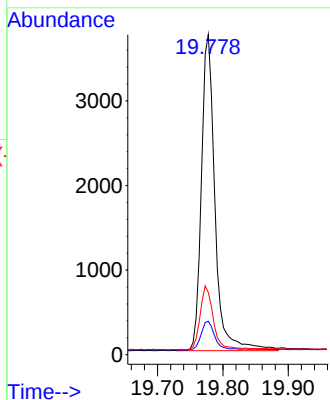


#31
Terphenyl-d14
Concen: 0.325 ng
RT: 19.778 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:244 Resp: 5387
Ion Ratio Lower Upper
244 100
212 10.5 7.9 11.9
122 19.5 15.0 22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2798
Delta R.T. -0.017 min
Lab File: BN038469.D
Acq: 17 Dec 2025 08:38

Tgt Ion:264 Resp: 8076
Ion Ratio Lower Upper
264 100
260 27.7 22.2 33.2
265 108.4 80.2 120.2

