

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038042.D
 Acq On : 07 Oct 2025 12:39
 Operator : RC/JU
 Sample : PB169939BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169939BL

Quant Time: Oct 11 02:14:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

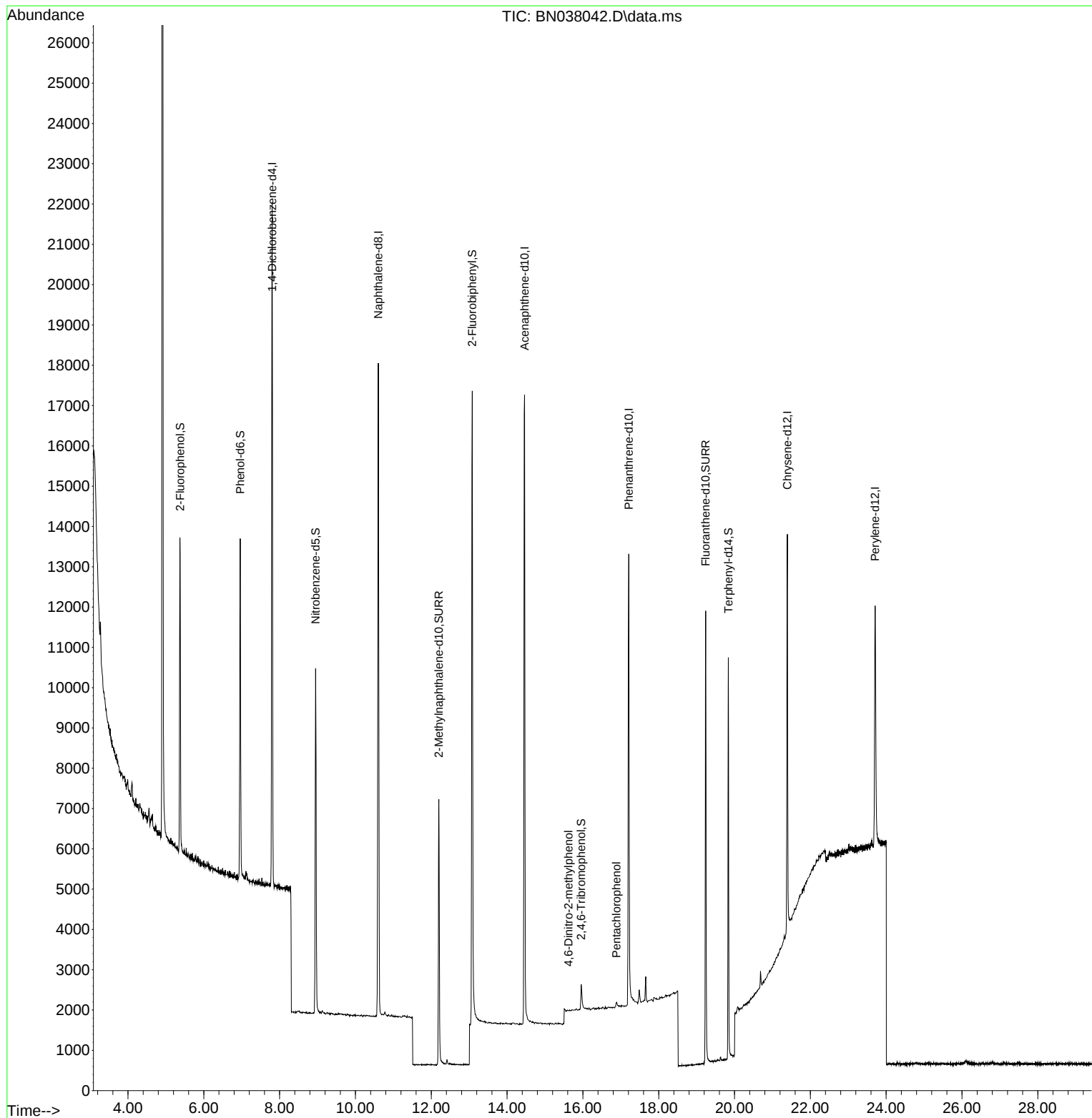
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8228	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21819	0.400	ng	-0.02
13) Acenaphthene-d10	14.463	164	10027	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	17932	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	9516	0.400	ng	0.00
35) Perylene-d12	23.709	264	9042	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	6271	0.334	ng	0.00
5) Phenol-d6	6.959	99	7676	0.311	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6742	0.405	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9630	0.318	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	513	0.135	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16474	0.401	ng	-0.01
27) Fluoranthene-d10	19.239	212	12988	0.288	ng	-0.01
31) Terphenyl-d14	19.838	244	9676	0.510	ng	-0.01
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.622	198	5	0.070	ng	# 1
24) Pentachlorophenol	16.888	266	154	0.032	ng	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038042.D
Acq On : 07 Oct 2025 12:39
Operator : RC/JU
Sample : PB169939BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169939BL

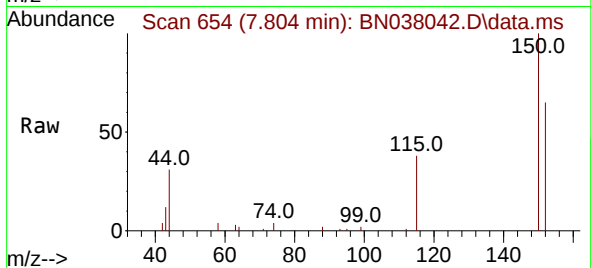
Quant Time: Oct 11 02:14:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



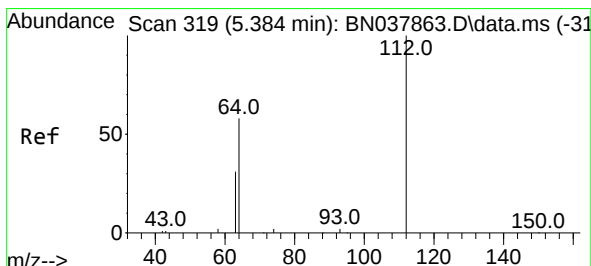
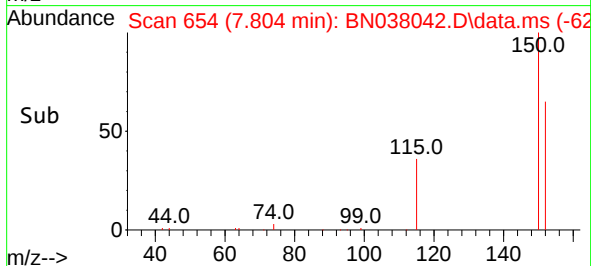
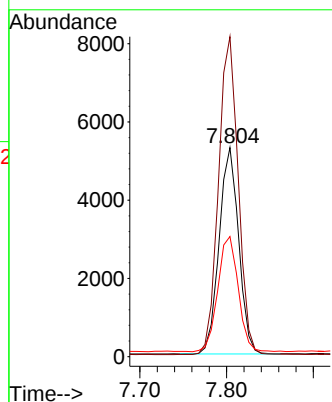


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Instrument :
BNA_N
ClientSampleId :
PB169939BL

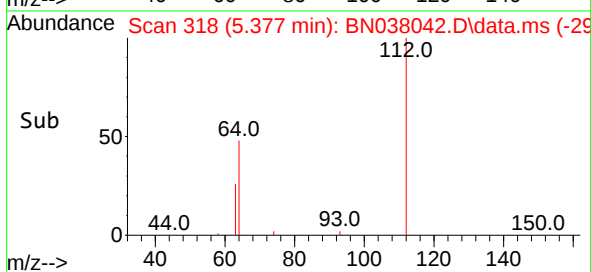
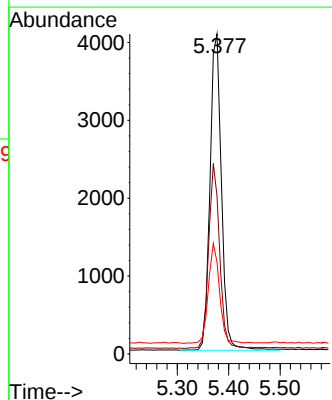
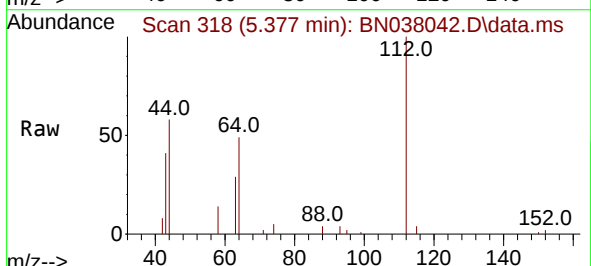


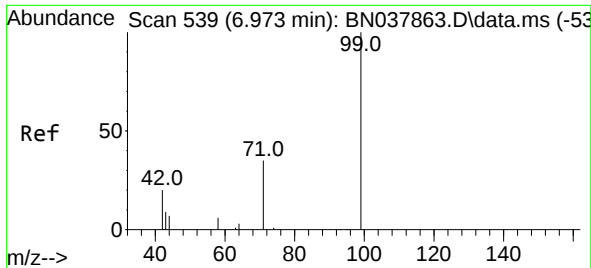
Tgt Ion:152 Resp: 8228
Ion Ratio Lower Upper
152 100
150 153.1 121.0 181.4
115 57.5 47.4 71.0



#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

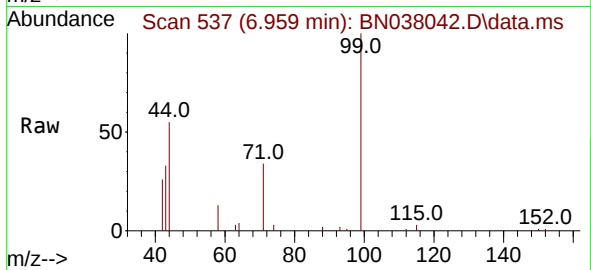
Tgt Ion:112 Resp: 6271
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 31.1 24.9 37.3



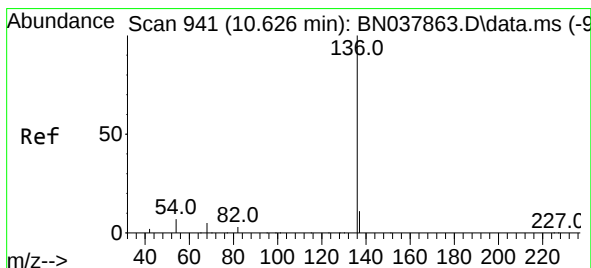
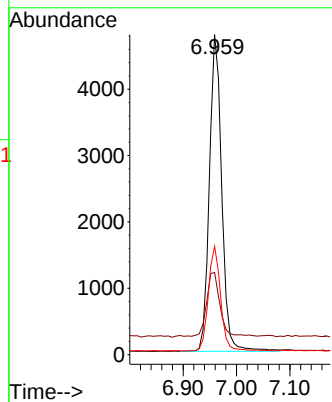
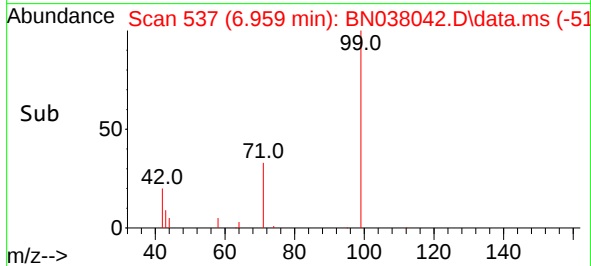


#5
Phenol-d6
Concen: 0.311 ng
RT: 6.959 min Scan# 511
Delta R.T. -0.014 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Instrument :
BNA_N
ClientSampleId :
PB169939BL

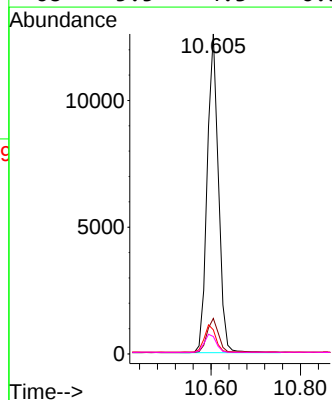
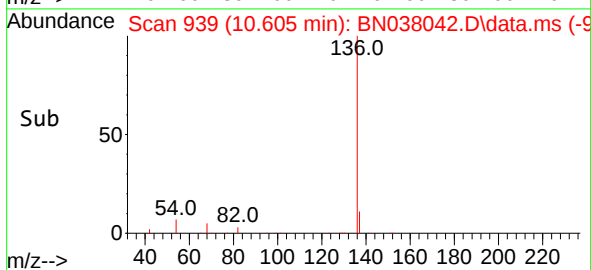
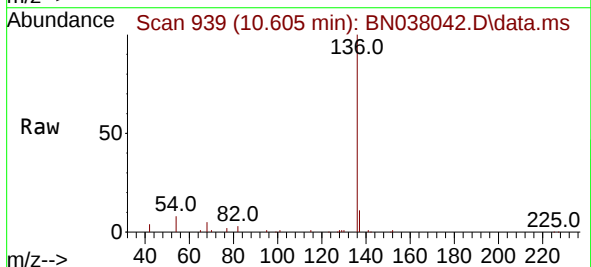


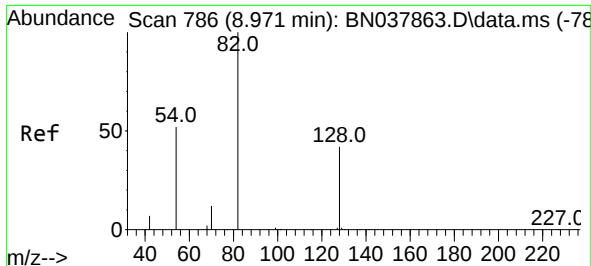
Tgt Ion:	99	Resp:	7676
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.2	25.8
71	33.1	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:	136	Resp:	21819
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	5.8	8.8
68	5.5	4.3	6.5

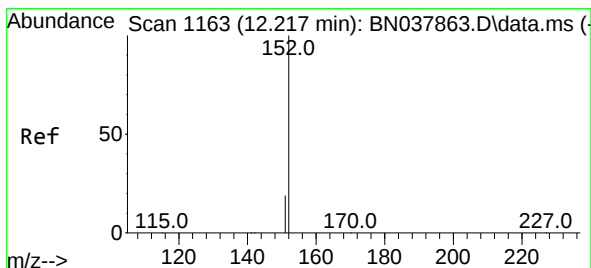
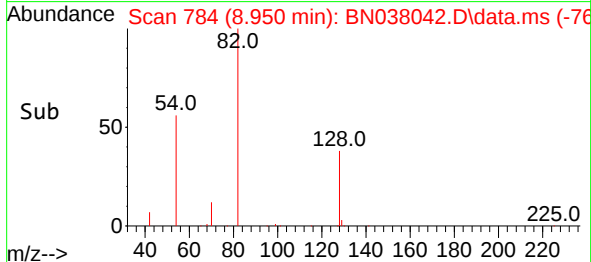
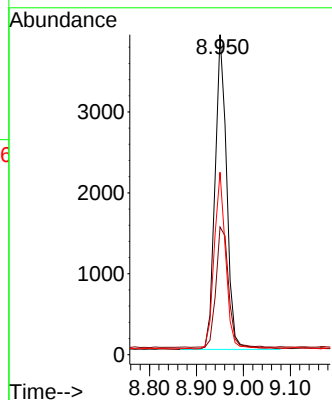
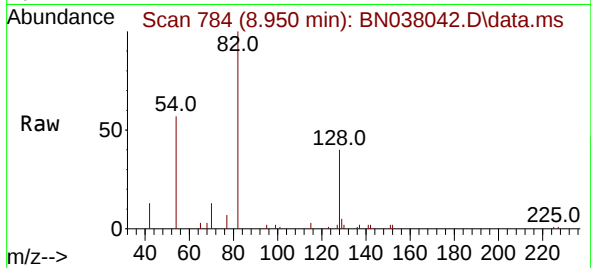




#8
 Nitrobenzene-d5
 Concen: 0.405 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

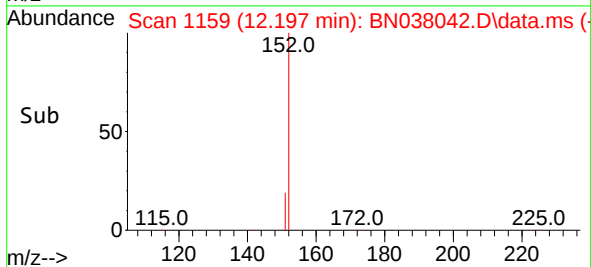
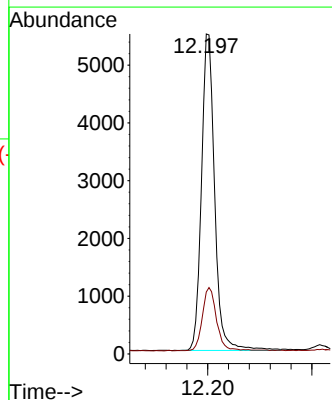
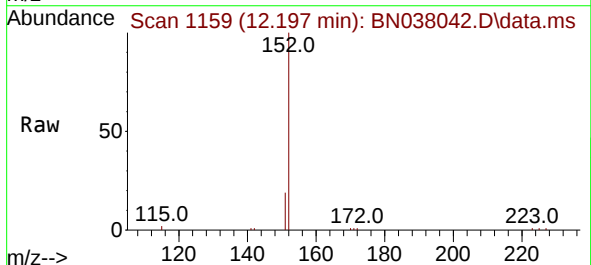
Instrument :
 BNA_N
 ClientSampleId :
 PB169939BL

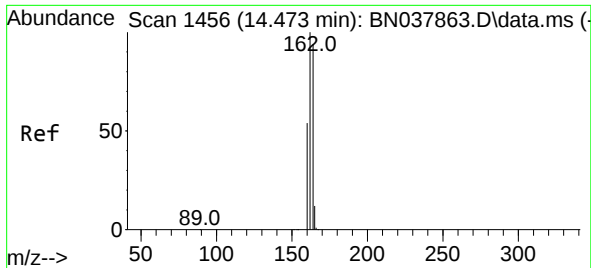
Tgt Ion: 82 Resp: 6742
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.8 52.2
 54 57.0 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.318 ng
 RT: 12.197 min Scan# 1159
 Delta R.T. -0.020 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

Tgt Ion: 152 Resp: 9630
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.4 26.2

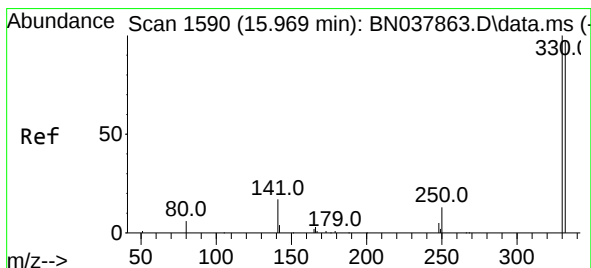
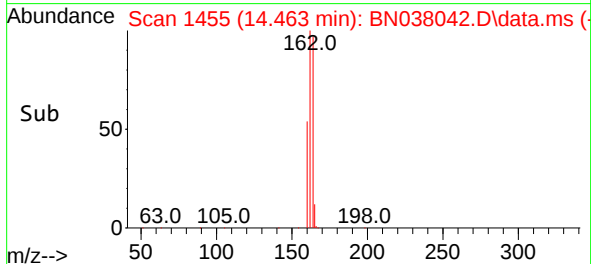
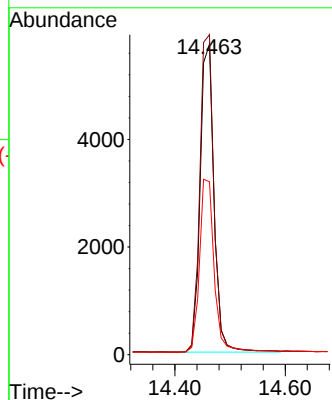
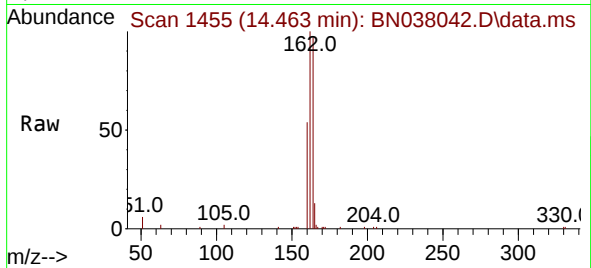




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.463 min Scan# 1455
 Delta R.T. -0.011 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

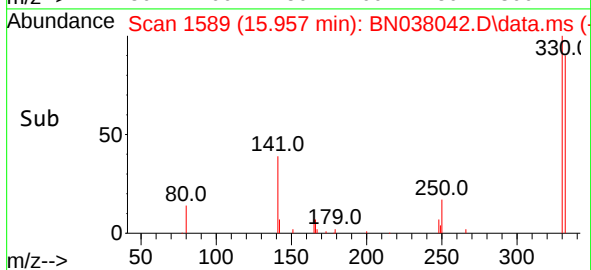
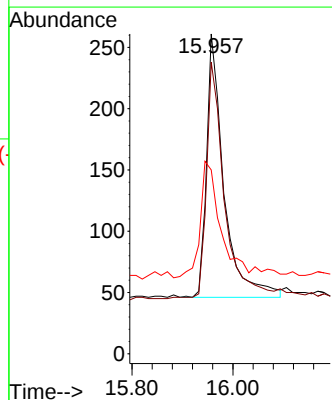
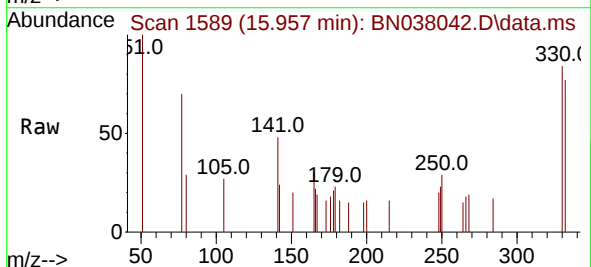
Instrument :
 BNA_N
 ClientSampleId :
 PB169939BL

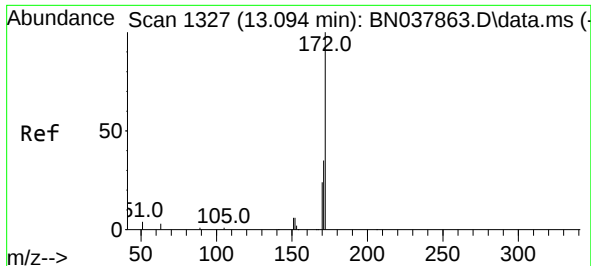
Tgt Ion:164 Resp: 10027
 Ion Ratio Lower Upper
 164 100
 162 103.0 84.8 127.2
 160 55.7 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 0.135 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

Tgt Ion:330 Resp: 513
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.2 115.8
 141 55.4 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.401 ng

RT: 13.083 min Scan# 1326

Delta R.T. -0.011 min

Lab File: BN038042.D

Acq: 07 Oct 2025 12:39

Instrument :

BNA_N

ClientSampleId :

PB169939BL

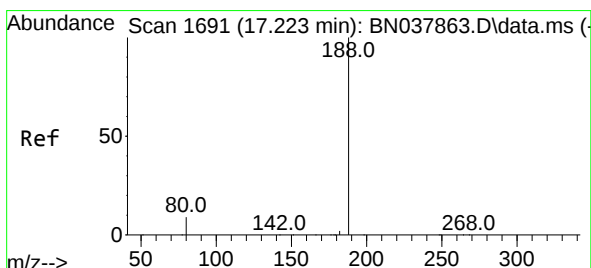
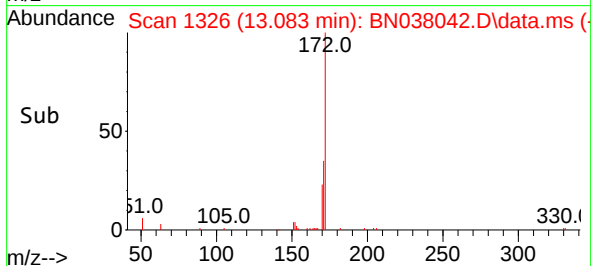
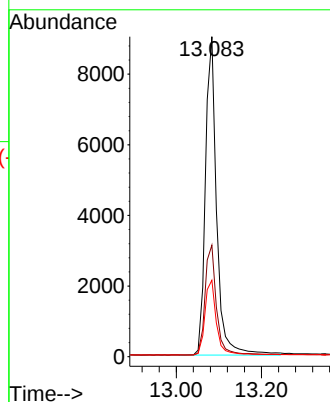
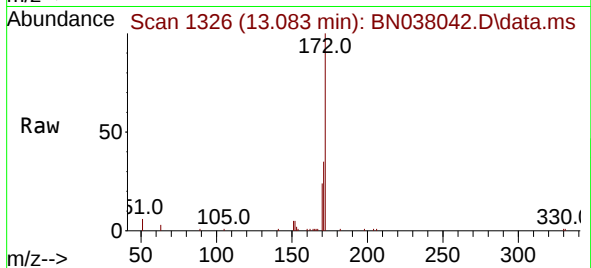
Tgt Ion:172 Resp: 16474

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.9 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.211 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BN038042.D

Acq: 07 Oct 2025 12:39

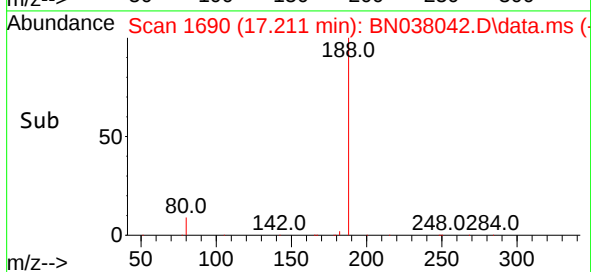
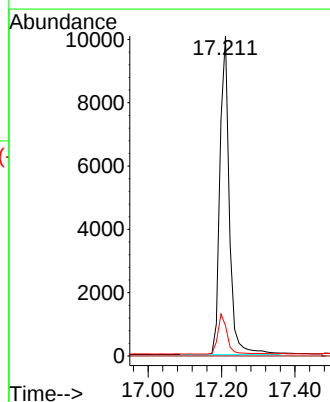
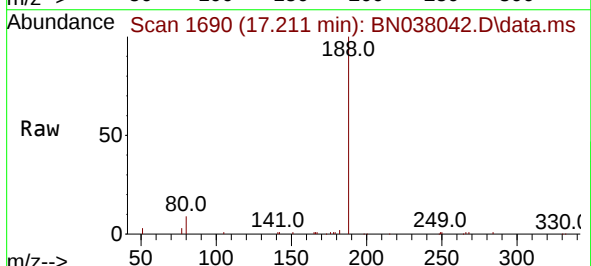
Tgt Ion:188 Resp: 17932

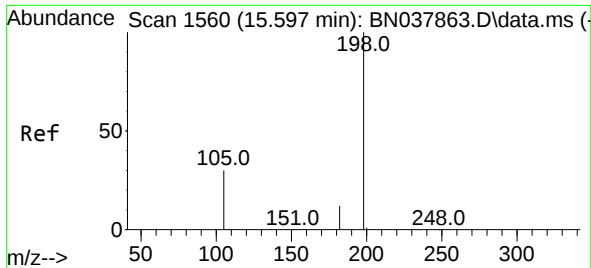
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.6 11.4

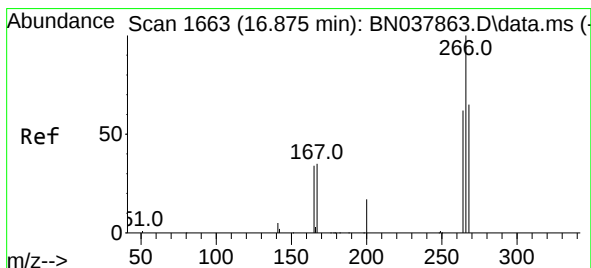
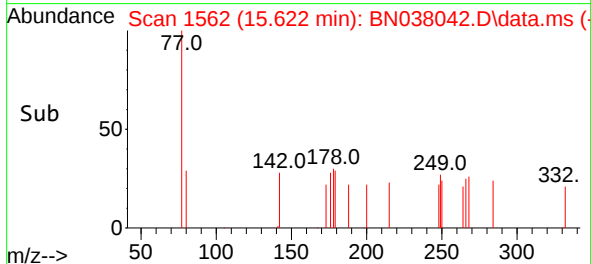
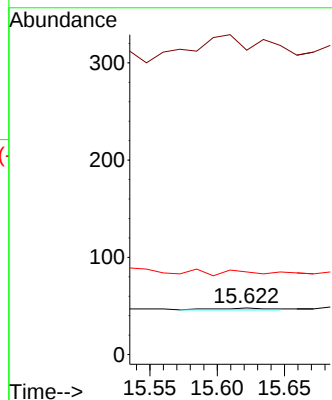
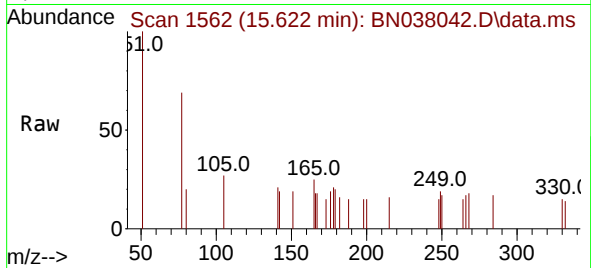




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.622 min Scan# 1562
Delta R.T. 0.025 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

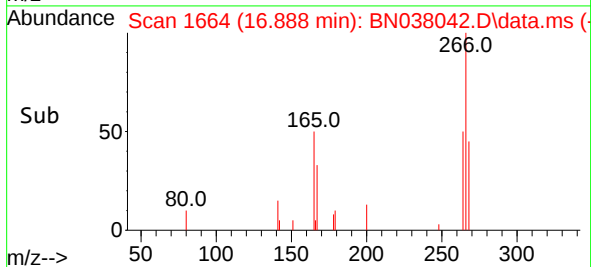
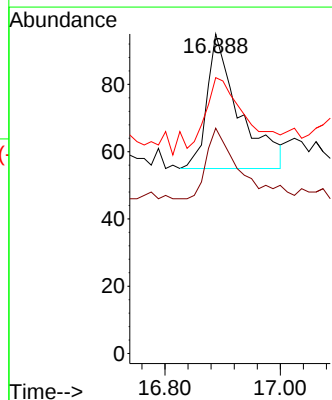
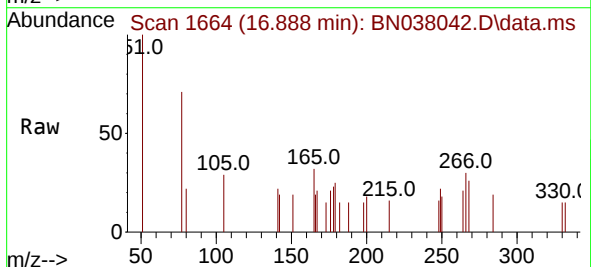
Instrument :
BNA_N
ClientSampleId :
PB169939BL

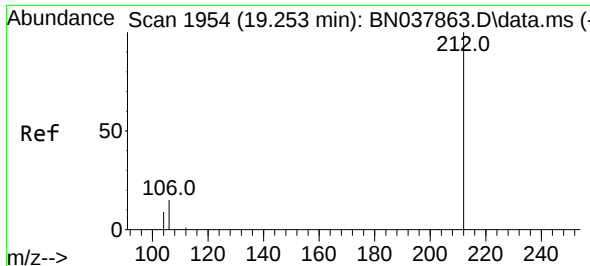
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 652.1 59.1 88.7#
105 177.1 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.032 ng
RT: 16.888 min Scan# 1664
Delta R.T. 0.013 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:266 Resp: 154
Ion Ratio Lower Upper
266 100
264 53.2 50.9 76.3
268 78.6 54.3 81.5

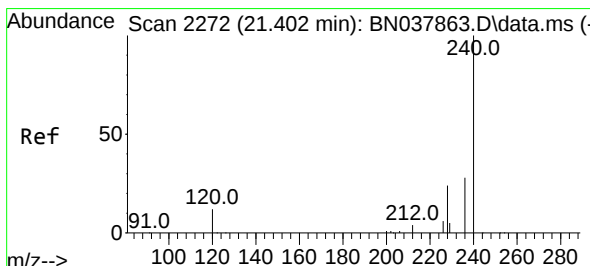
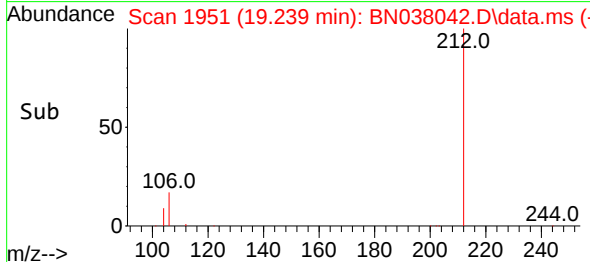
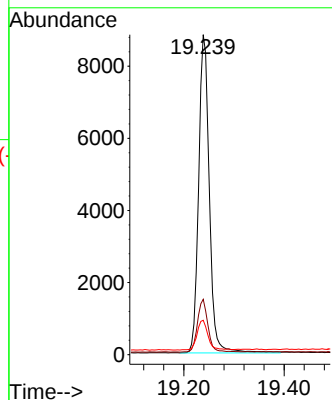
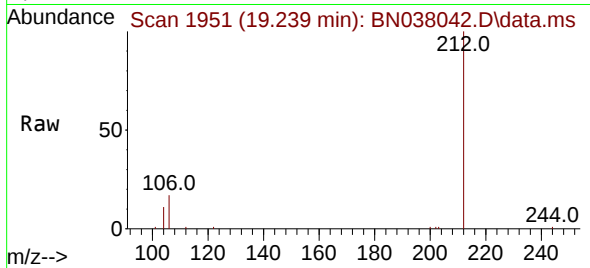




#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

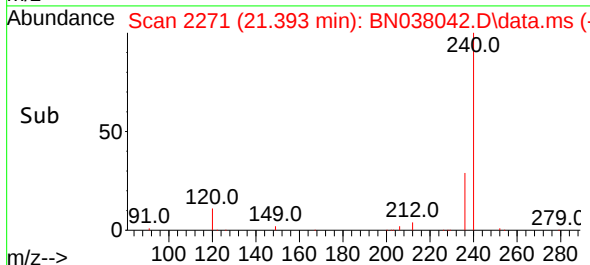
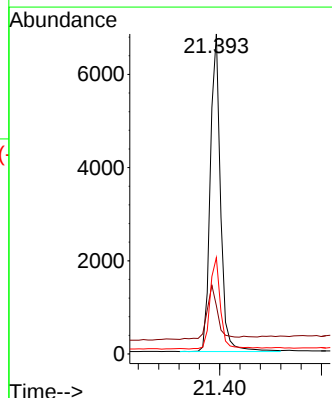
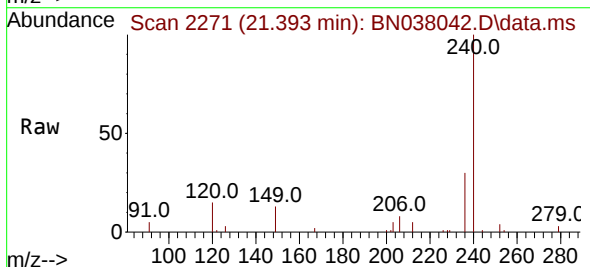
Instrument :
BNA_N
ClientSampleId :
PB169939BL

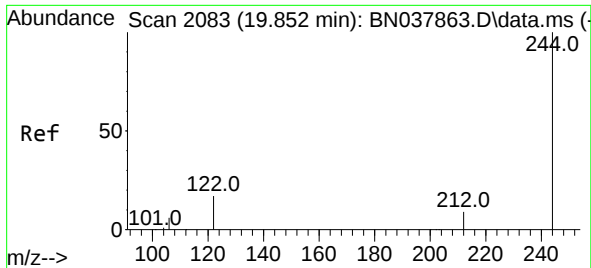
Tgt Ion:212 Resp: 12988
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.7 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038042.D
Acq: 07 Oct 2025 12:39

Tgt Ion:240 Resp: 9516
Ion Ratio Lower Upper
240 100
120 15.1 11.4 17.2
236 30.1 23.0 34.6

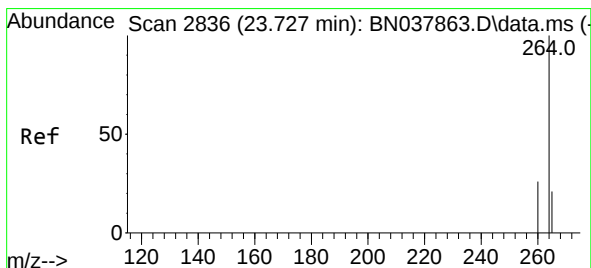
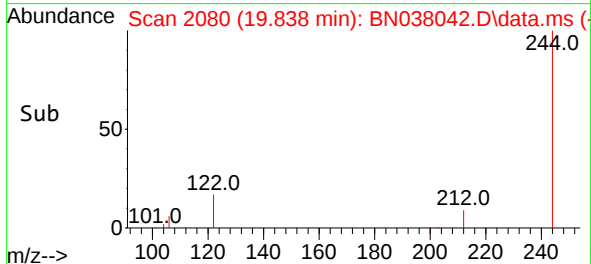
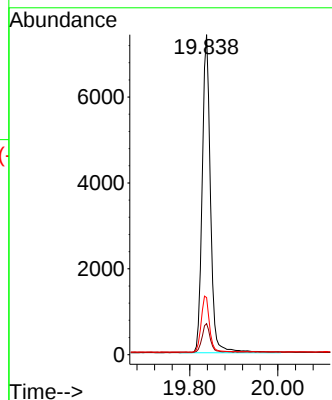
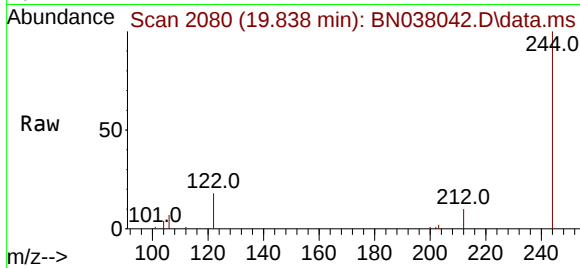




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

Instrument :
 BNA_N
 ClientSampleId :
 PB169939BL

Tgt Ion:244 Resp: 9676
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 17.8 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 2830
 Delta R.T. -0.017 min
 Lab File: BN038042.D
 Acq: 07 Oct 2025 12:39

Tgt Ion:264 Resp: 9042
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.5 32.3
 265 118.8 53.8 80.6#

