

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038435.D
 Acq On : 16 Dec 2025 10:48
 Operator : RC/JU
 Sample : PB170917BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

Quant Time: Dec 16 11:14:21 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	5135	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13064	0.400	ng	#-0.02
13) Acenaphthene-d10	14.387	164	6423	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	10297	0.400	ng	#-0.01
29) Chrysene-d12	21.330	240	8378	0.400	ng	0.00
35) Perylene-d12	23.618	264	9304	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4475	0.350	ng	0.00
5) Phenol-d6	6.879	99	4851	0.319	ng	0.00
8) Nitrobenzene-d5	8.864	82	4025	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	6178	0.335	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	461	0.162	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12989	0.420	ng	0.00
27) Fluoranthene-d10	19.173	212	9000	0.353	ng	-0.01
31) Terphenyl-d14	19.777	244	6991	0.374	ng	-0.01

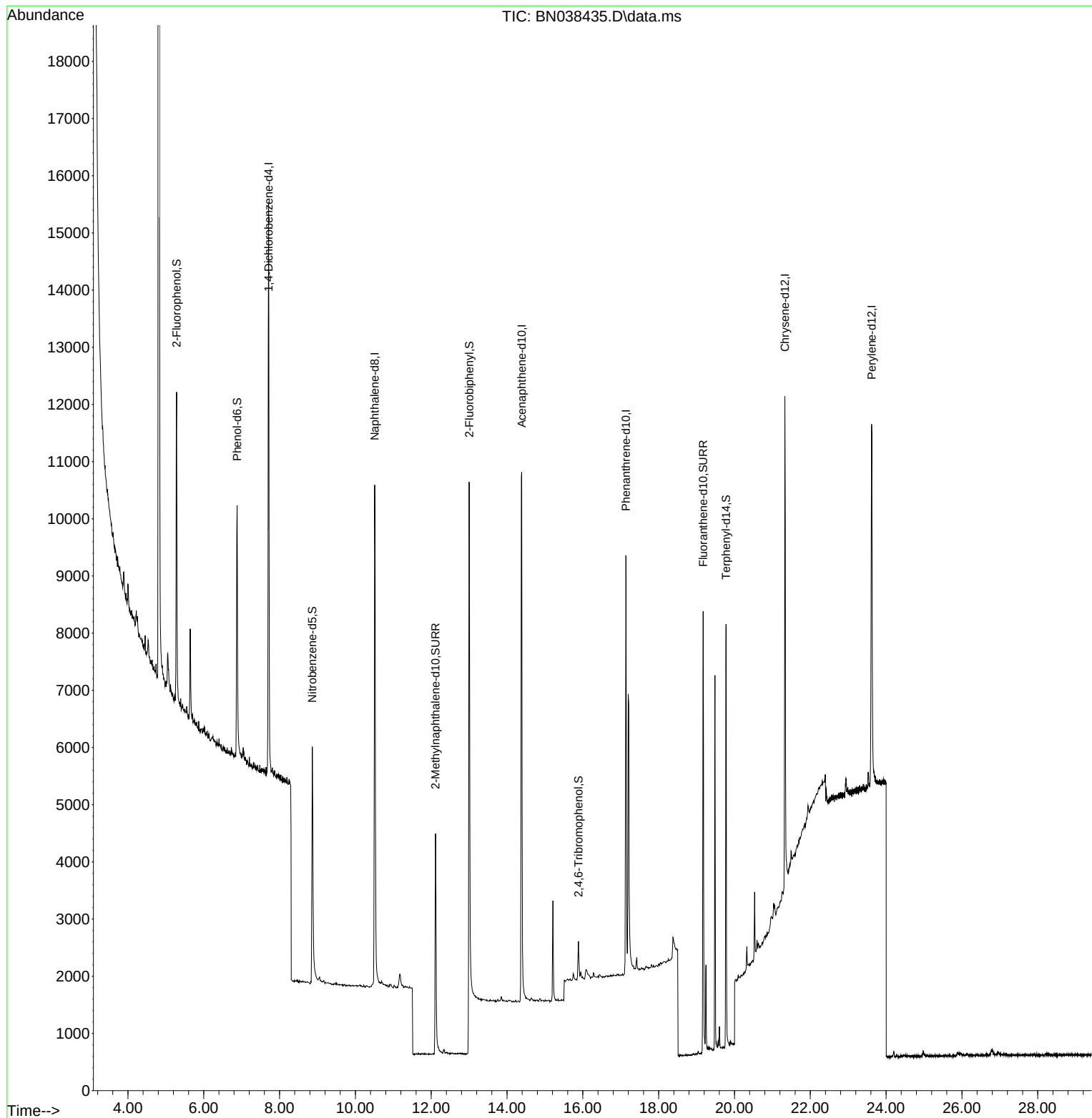
Target Compounds Qvalue

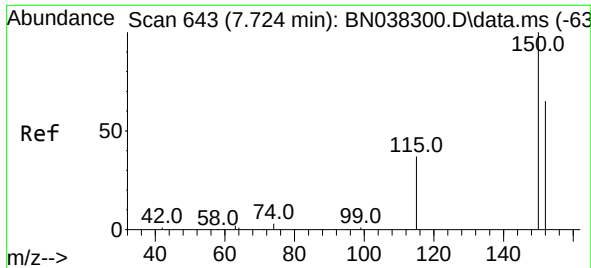
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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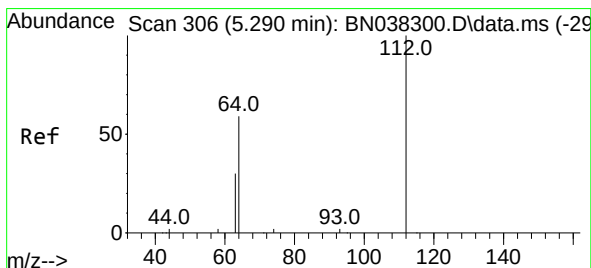
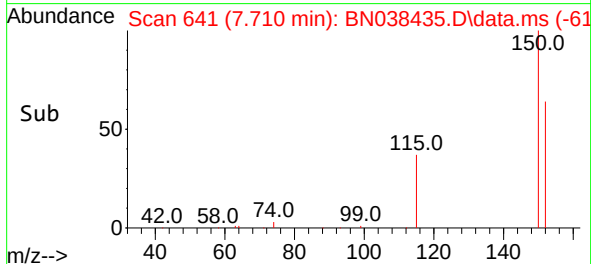
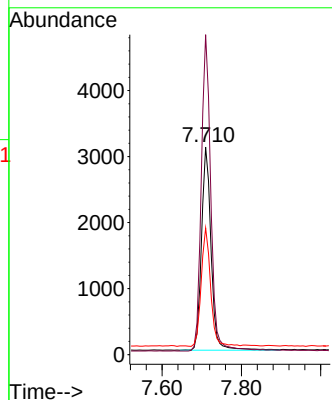
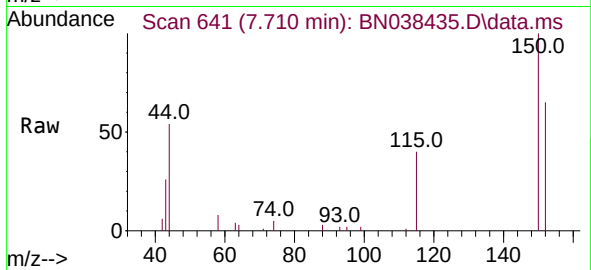




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038435.D
 Acq: 16 Dec 2025 10:48

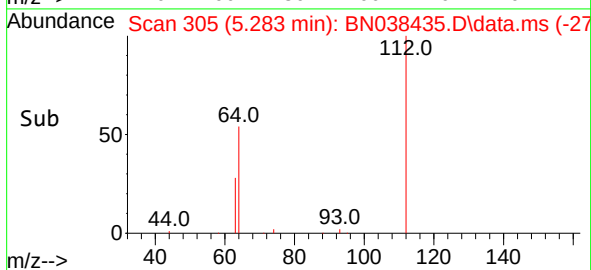
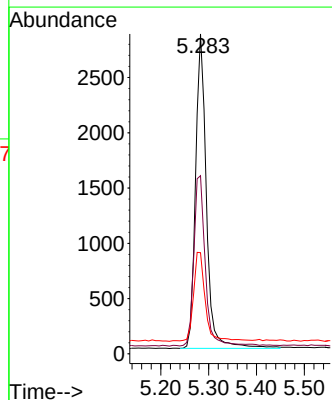
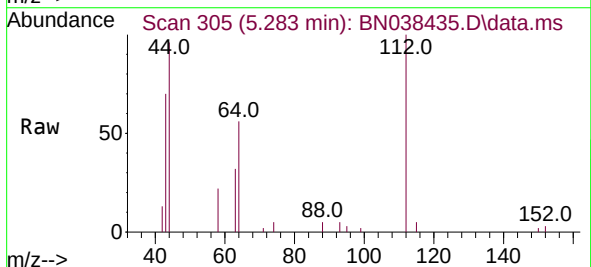
Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

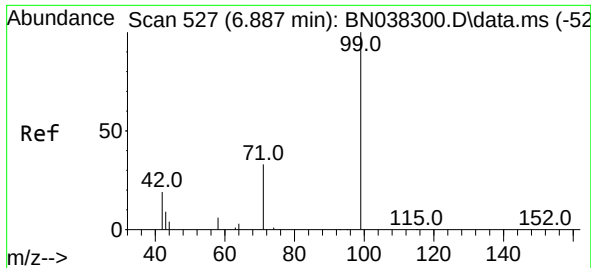
Tgt Ion:152 Resp: 5135
 Ion Ratio Lower Upper
 152 100
 150 154.2 122.4 183.6
 115 61.0 47.3 70.9



#4
 2-Fluorophenol
 Concen: 0.350 ng
 RT: 5.283 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN038435.D
 Acq: 16 Dec 2025 10:48

Tgt Ion:112 Resp: 4475
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.4 66.6
 63 30.8 23.4 35.0

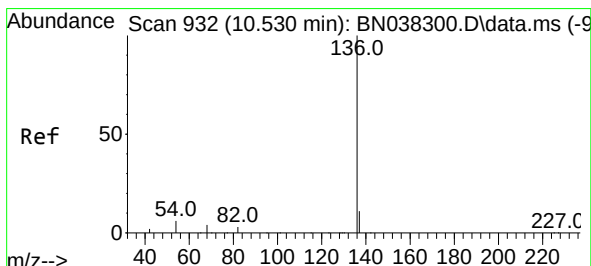
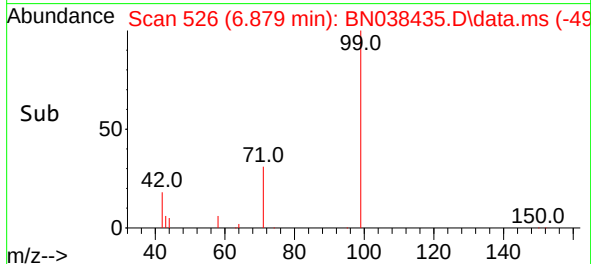
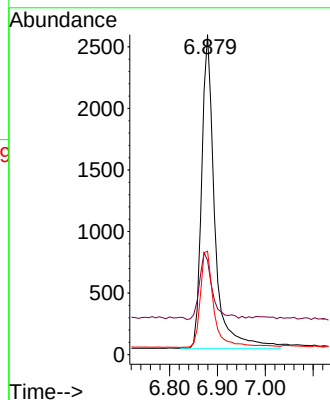
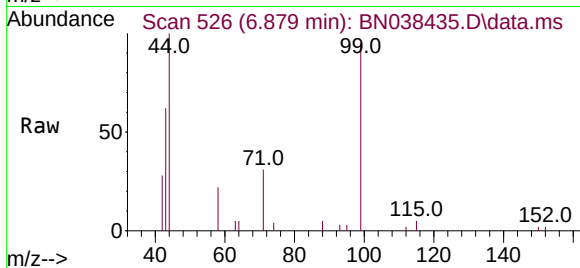




#5
Phenol-d6
Concen: 0.319 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

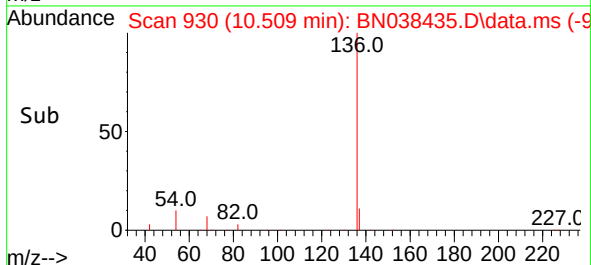
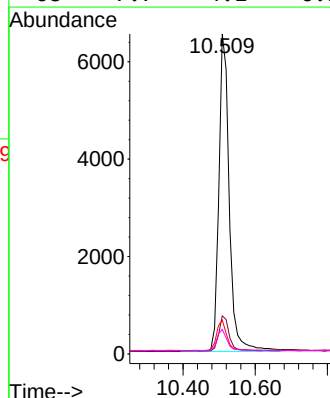
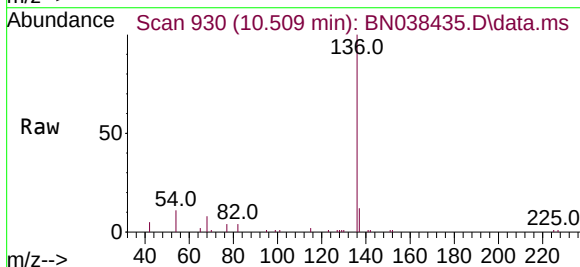
Instrument :
BNA_N
ClientSampleId :
PB170917BL

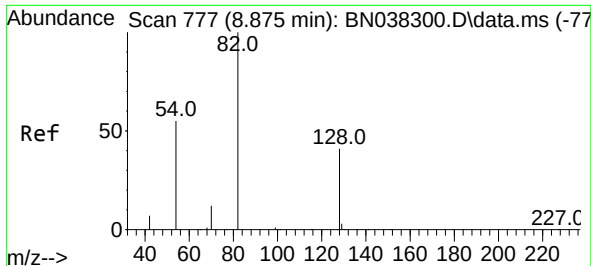
Tgt Ion:	99	Resp:	4851
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.5	24.7
71	32.4	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

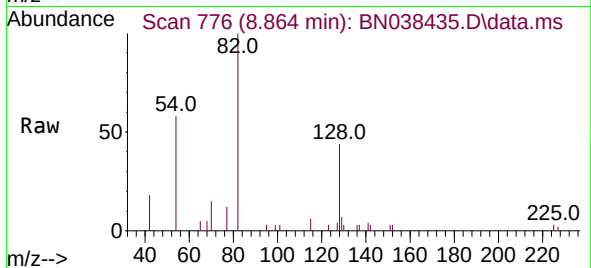
Tgt Ion:	136	Resp:	13064
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.6	5.2	7.8#
68	7.7	4.1	6.1#



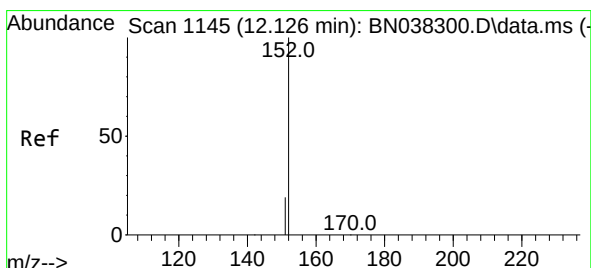
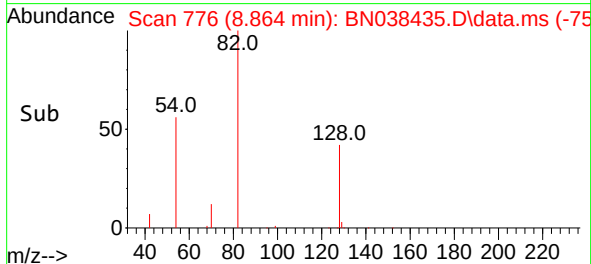
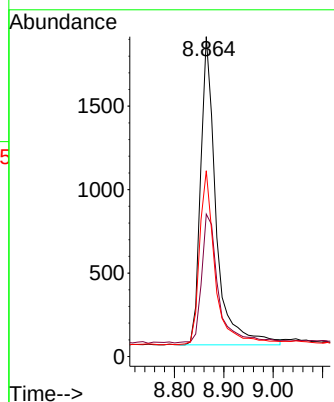


#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Instrument :
BNA_N
ClientSampleId :
PB170917BL

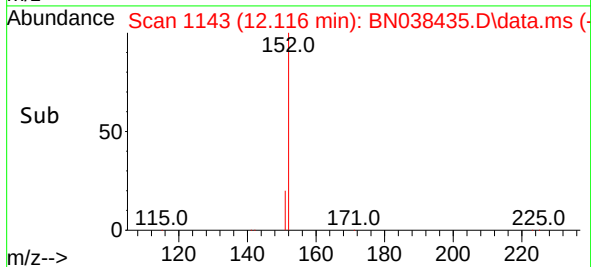
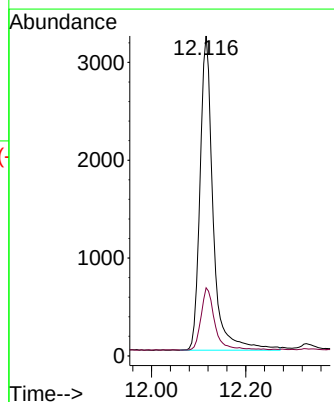
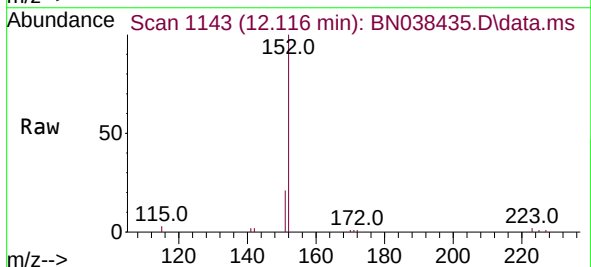


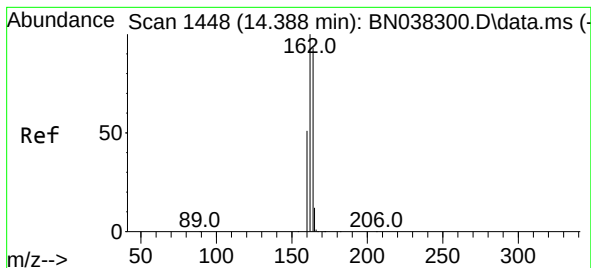
Tgt Ion: 82 Resp: 4025
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 58.1 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038435.D
Acq: 16 Dec 2025 10:48

Tgt Ion: 152 Resp: 6178
Ion Ratio Lower Upper
152 100
151 21.1 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: BN038435.D

Acq: 16 Dec 2025 10:48

Instrument :

BNA_N

ClientSampleId :

PB170917BL

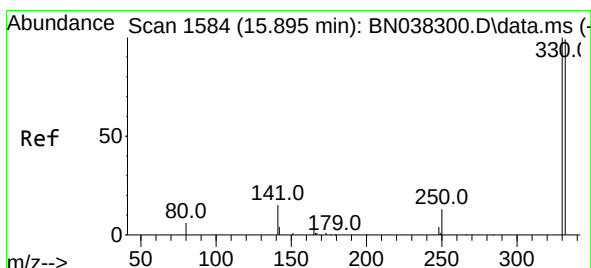
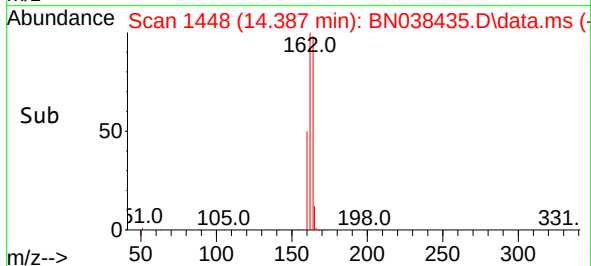
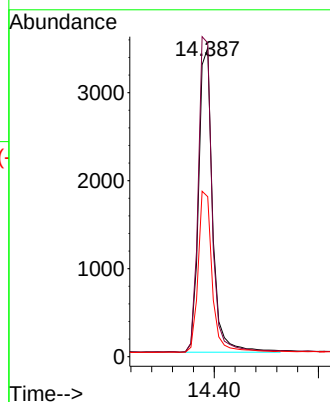
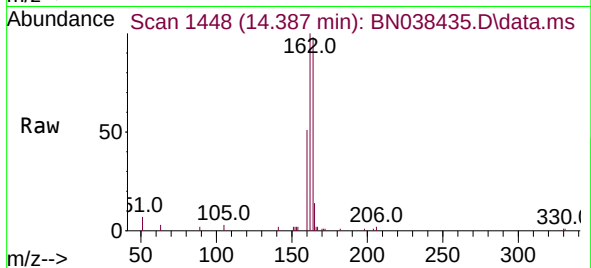
Tgt Ion:164 Resp: 6423

Ion Ratio Lower Upper

164 100

162 101.6 86.2 129.4

160 51.8 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.162 ng

RT: 15.882 min Scan# 1583

Delta R.T. -0.013 min

Lab File: BN038435.D

Acq: 16 Dec 2025 10:48

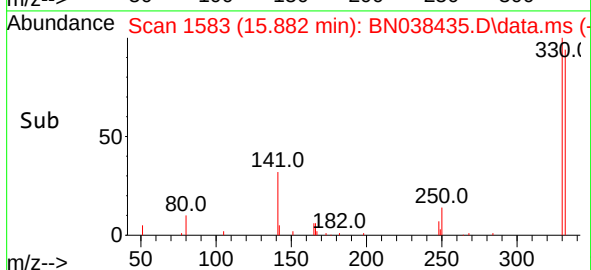
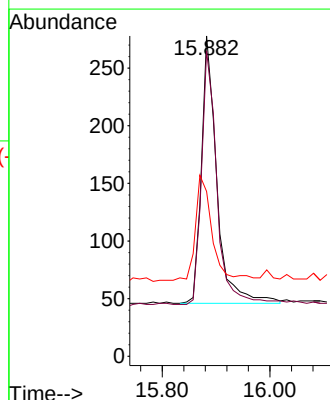
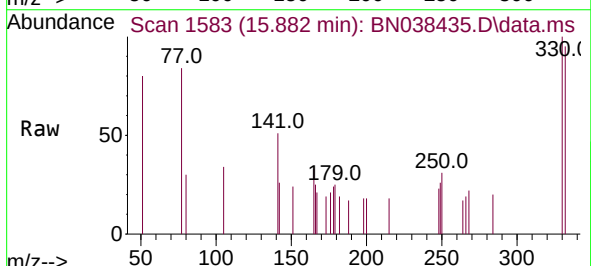
Tgt Ion:330 Resp: 461

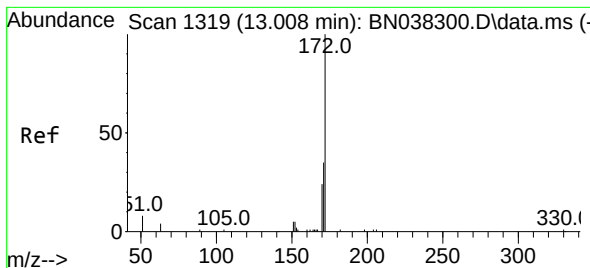
Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.6

141 41.4 31.8 47.8





#15

2-Fluorobiphenyl

Concen: 0.420 ng

RT: 13.003 min Scan# 1319

Delta R.T. -0.005 min

Lab File: BN038435.D

Acq: 16 Dec 2025 10:48

Instrument :

BNA_N

ClientSampleId :

PB170917BL

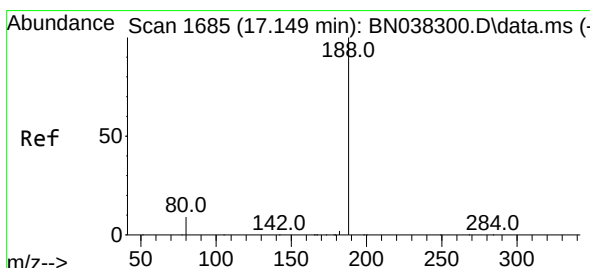
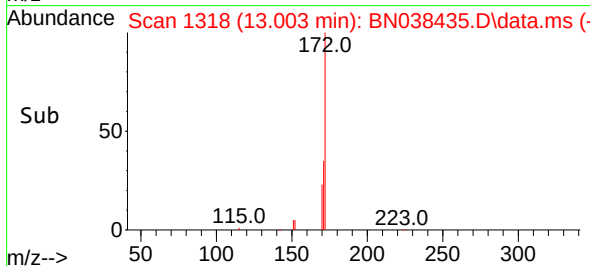
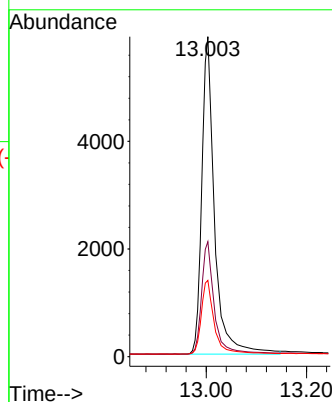
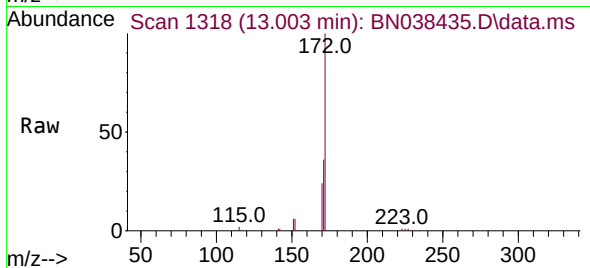
Tgt Ion:172 Resp: 12989

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.8 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.136 min Scan# 1684

Delta R.T. -0.013 min

Lab File: BN038435.D

Acq: 16 Dec 2025 10:48

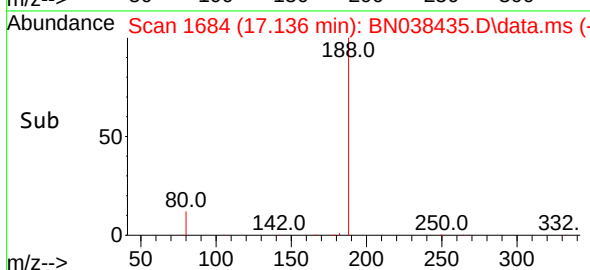
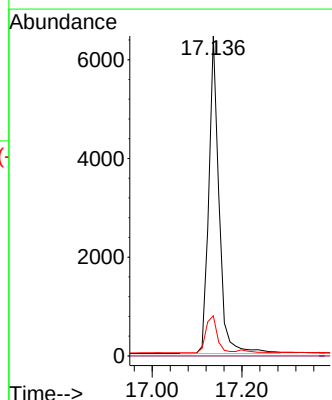
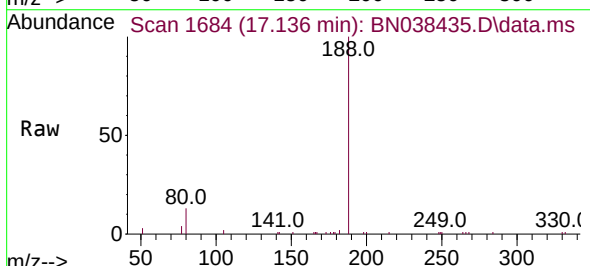
Tgt Ion:188 Resp: 10297

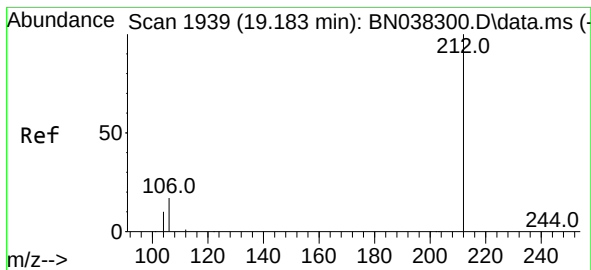
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 7.4 11.0#





#27

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.173 min Scan# 1937

Delta R.T. -0.014 min

Lab File: BN038435.D

Acq: 16 Dec 2025 10:48

Instrument :

BNA_N

ClientSampleId :

PB170917BL

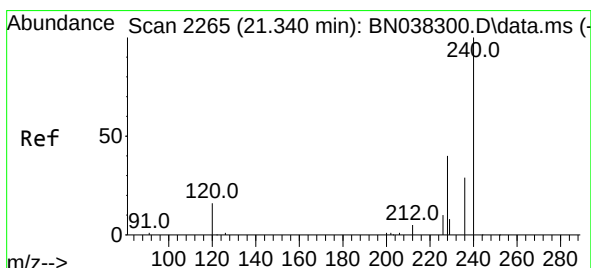
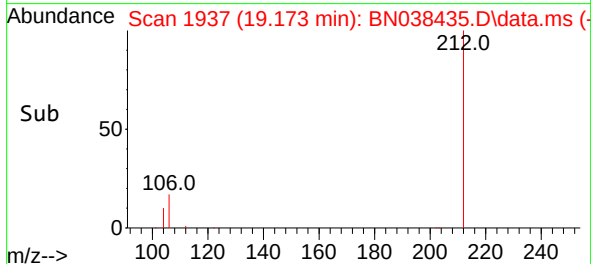
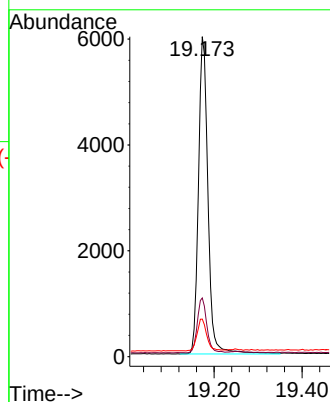
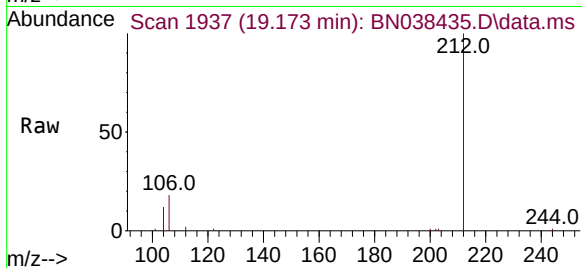
Tgt Ion:212 Resp: 9000

Ion Ratio Lower Upper

212 100

106 17.1 13.7 20.5

104 10.3 7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.330 min Scan# 2264

Delta R.T. -0.009 min

Lab File: BN038435.D

Acq: 16 Dec 2025 10:48

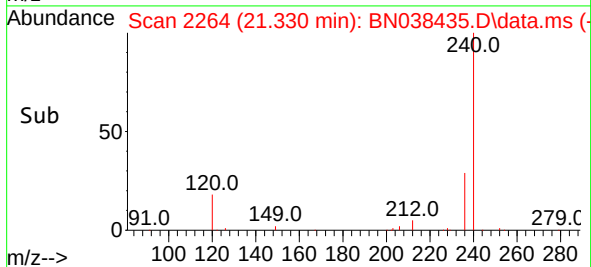
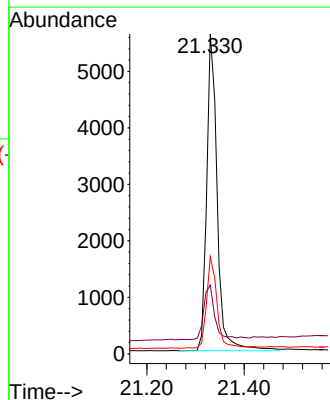
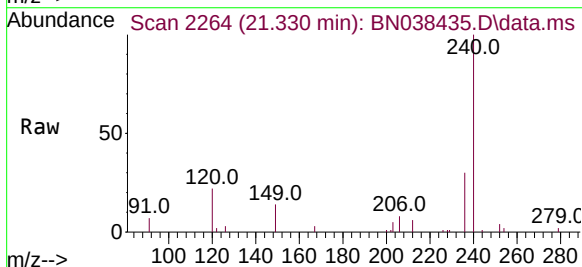
Tgt Ion:240 Resp: 8378

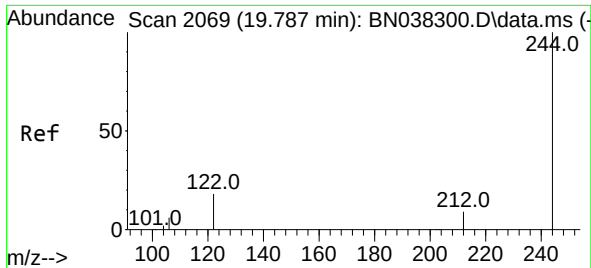
Ion Ratio Lower Upper

240 100

120 21.5 15.4 23.2

236 30.4 23.9 35.9

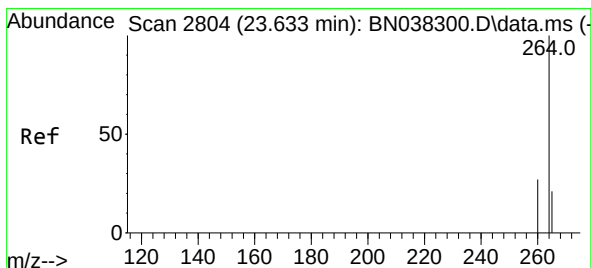
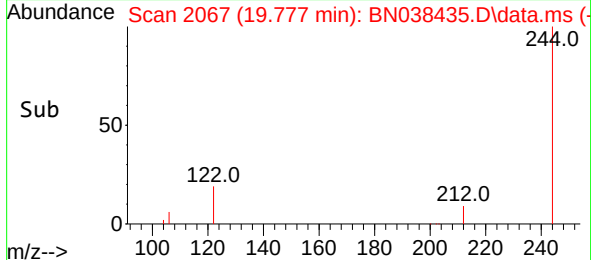
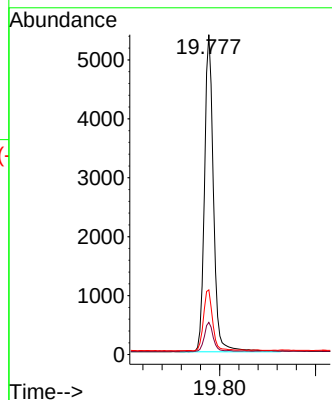
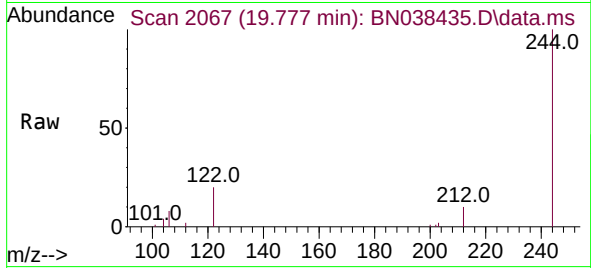




#31
 Terphenyl-d14
 Concen: 0.374 ng
 RT: 19.777 min Scan# 2069
 Delta R.T. -0.014 min
 Lab File: BN038435.D
 Acq: 16 Dec 2025 10:48

Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

Tgt Ion:244 Resp: 6991
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.9 11.9
 122 20.2 15.0 22.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.618 min Scan# 2799
 Delta R.T. -0.015 min
 Lab File: BN038435.D
 Acq: 16 Dec 2025 10:48

Tgt Ion:264 Resp: 9304
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.2 33.2
 265 98.5 80.2 120.2

