

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038073.D
 Acq On : 13 Oct 2025 18:00
 Operator : RC/JU
 Sample : Q3292-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20251003

Quant Time: Oct 13 18:29:07 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)

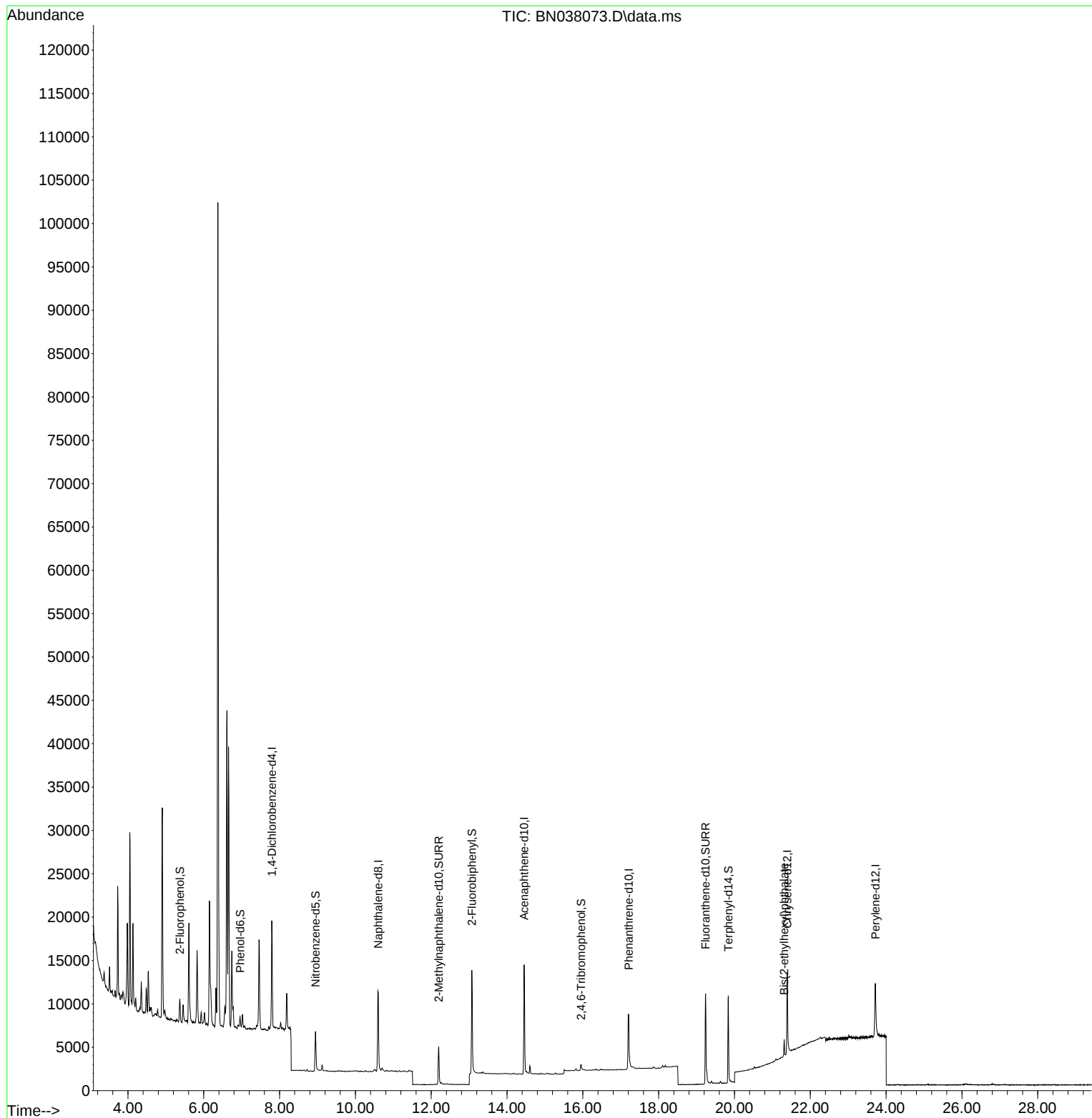
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	6016	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	14258	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	7203	0.400	ng	-0.02
19) Phenanthrene-d10	17.210	188	12433	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10491	0.400	ng	# 0.00
35) Perylene-d12	23.715	264	10411	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2027	0.148	ng	-0.01
5) Phenol-d6	6.959	99	1235	0.068	ng	-0.01
8) Nitrobenzene-d5	8.950	82	3997	0.368	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	6712	0.339	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	649	0.238	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	10881	0.369	ng	-0.02
27) Fluoranthene-d10	19.238	212	13072	0.418	ng	-0.01
31) Terphenyl-d14	19.838	244	10940	0.524	ng	-0.01
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.313	149	2111	0.146	ng	# 97

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

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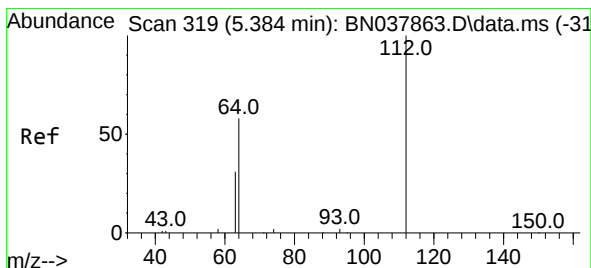
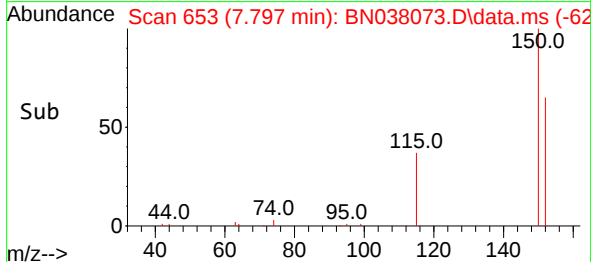
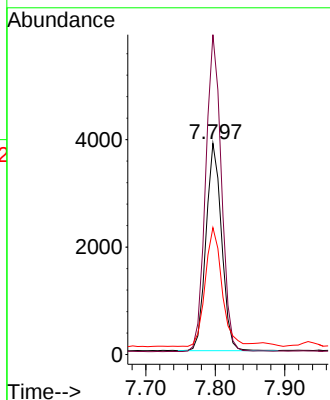
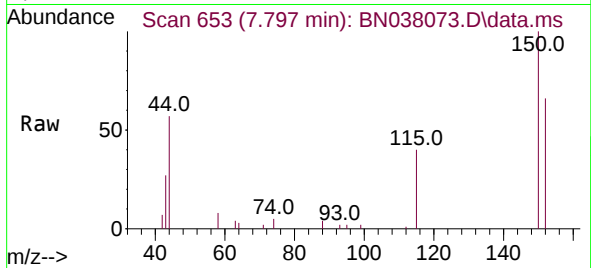




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN038073.D
Acq: 13 Oct 2025 18:00

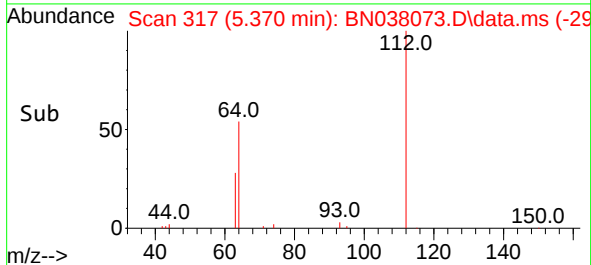
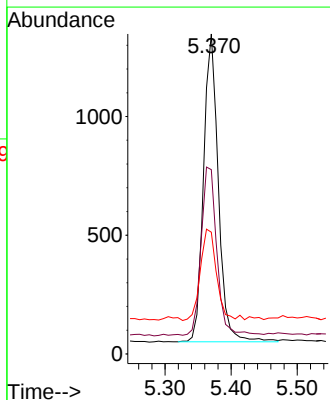
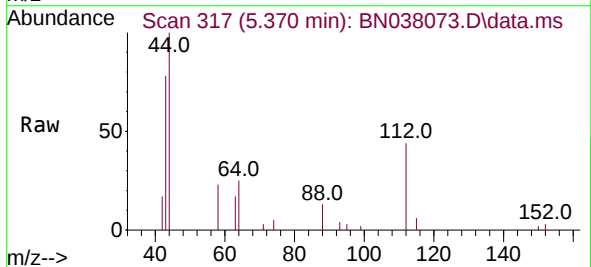
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20251003

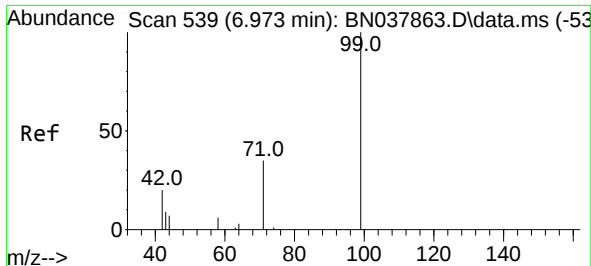
Tgt Ion:152 Resp: 6016
Ion Ratio Lower Upper
152 100
150 151.5 121.0 181.4
115 60.1 47.4 71.0



#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038073.D
Acq: 13 Oct 2025 18:00

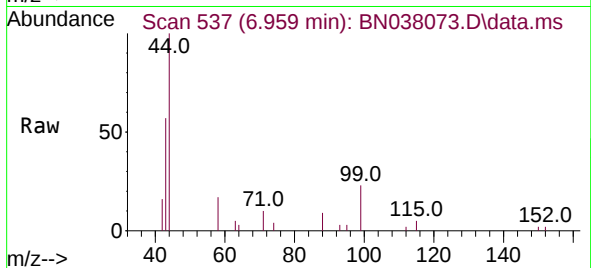
Tgt Ion:112 Resp: 2027
Ion Ratio Lower Upper
112 100
64 57.5 44.6 66.8
63 31.9 24.9 37.3



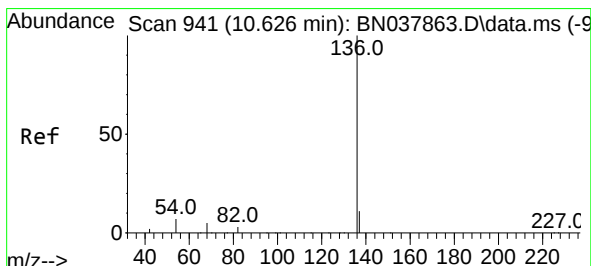
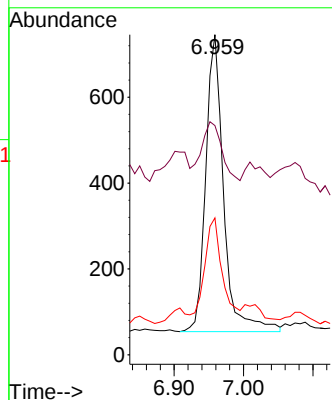
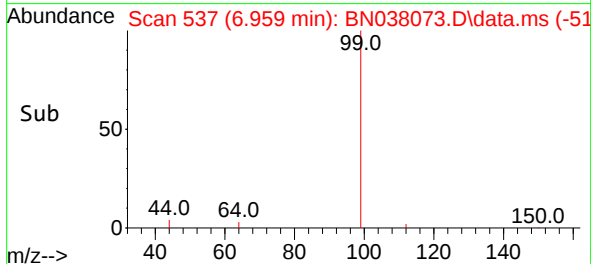


#5
Phenol-d6
Concen: 0.068 ng
RT: 6.959 min Scan# 531
Delta R.T. -0.015 min
Lab File: BN038073.D
Acq: 13 Oct 2025 18:00

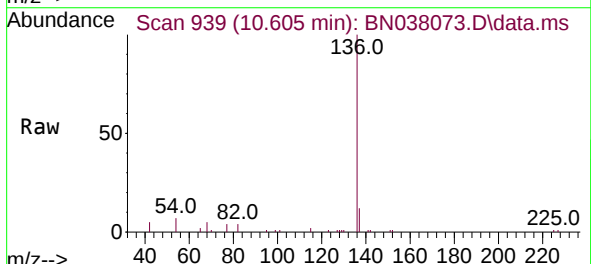
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20251003



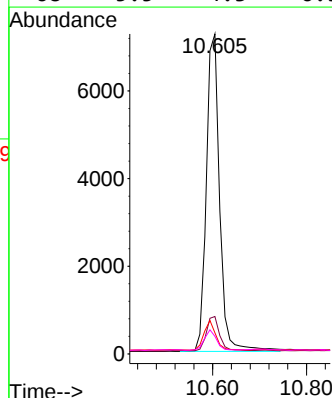
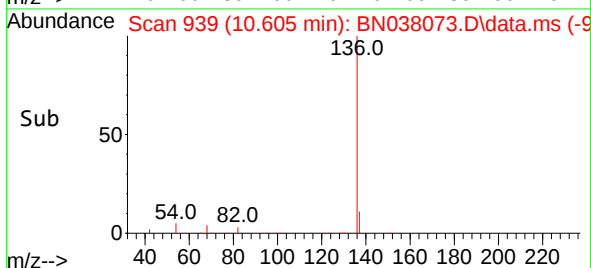
Tgt Ion: 99 Resp: 1235
Ion Ratio Lower Upper
99 100
42 26.1 17.2 25.8#
71 29.3 27.3 40.9

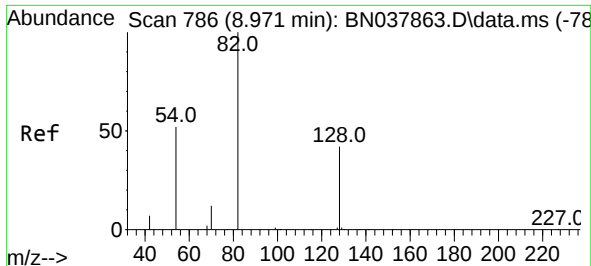


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038073.D
Acq: 13 Oct 2025 18:00



Tgt Ion: 136 Resp: 14258
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 6.6 5.8 8.8
68 5.5 4.3 6.5

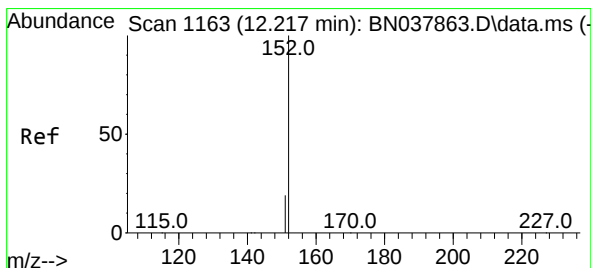
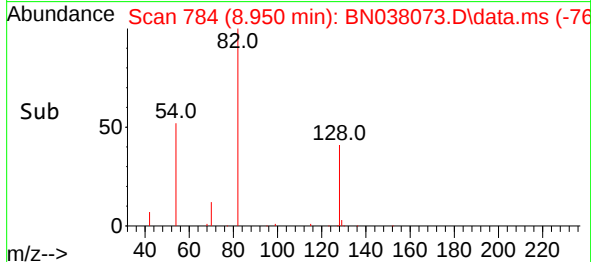
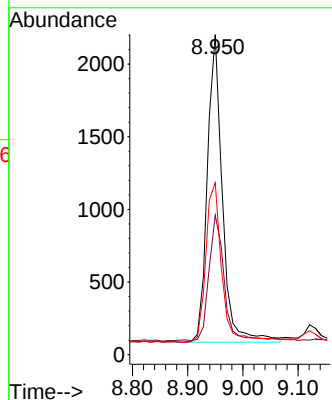
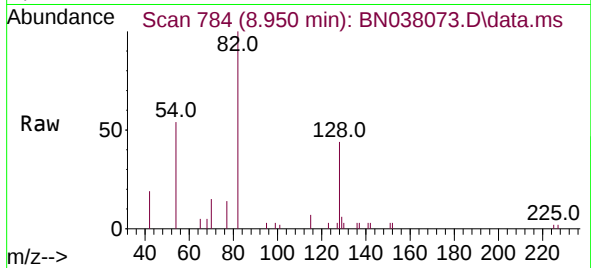




#8
 Nitrobenzene-d5
 Concen: 0.368 ng
 RT: 8.950 min Scan# 786
 Delta R.T. -0.021 min
 Lab File: BN038073.D
 Acq: 13 Oct 2025 18:00

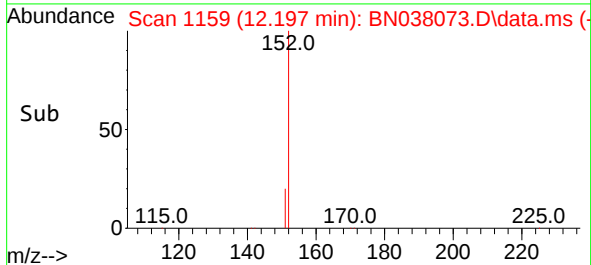
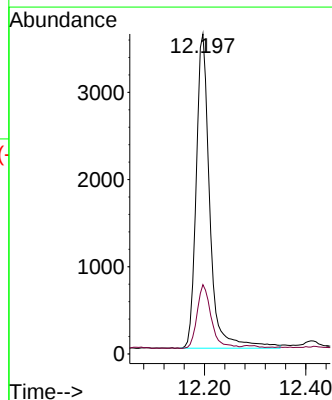
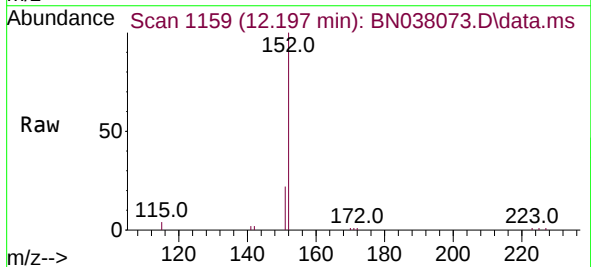
Instrument : BNA_N
 ClientSampleId : RW8-SP303-20251003

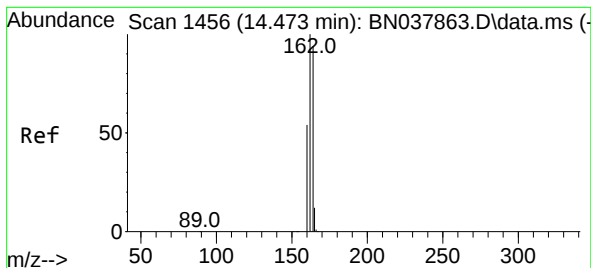
Tgt Ion:	82	Resp:	3997
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.8	52.2
54	53.7	42.2	63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.197 min Scan# 1159
 Delta R.T. -0.020 min
 Lab File: BN038073.D
 Acq: 13 Oct 2025 18:00

Tgt Ion:	152	Resp:	6712
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.452 min Scan# 1454

Delta R.T. -0.021 min

Lab File: BN038073.D

Acq: 13 Oct 2025 18:00

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20251003

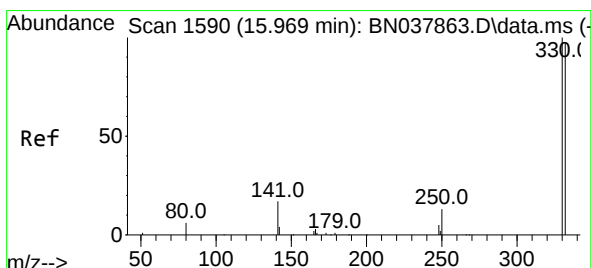
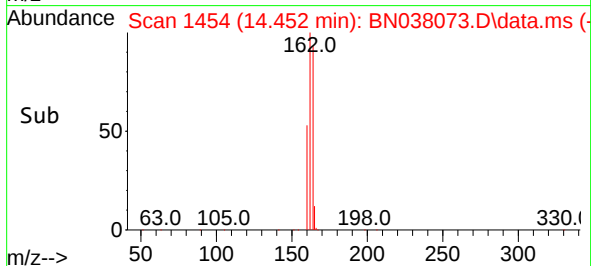
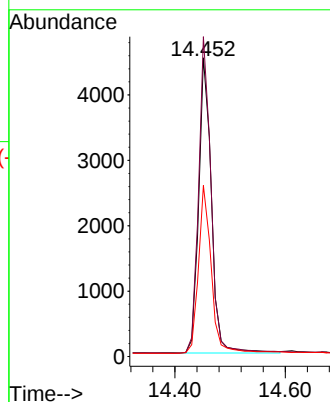
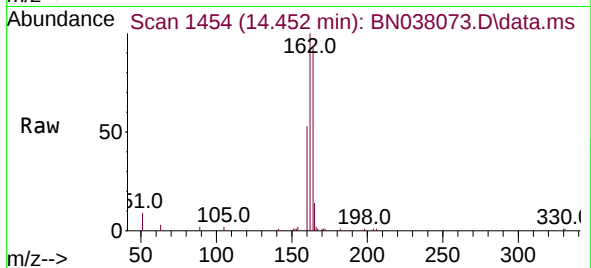
Tgt Ion:164 Resp: 7203

Ion Ratio Lower Upper

164 100

162 107.1 84.8 127.2

160 57.2 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.238 ng

RT: 15.957 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BN038073.D

Acq: 13 Oct 2025 18:00

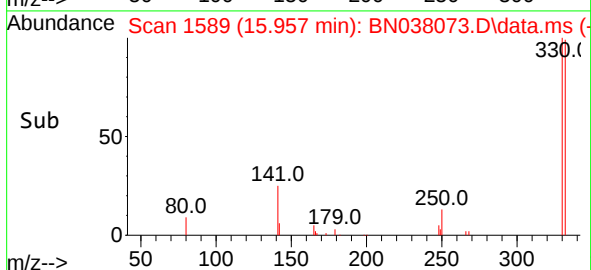
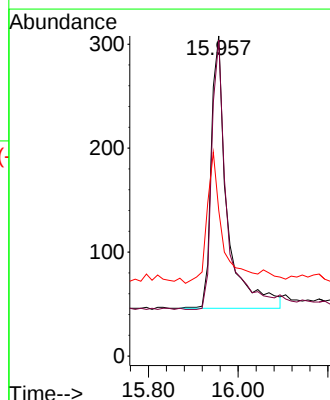
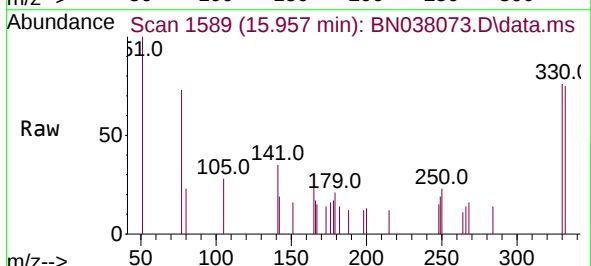
Tgt Ion:330 Resp: 649

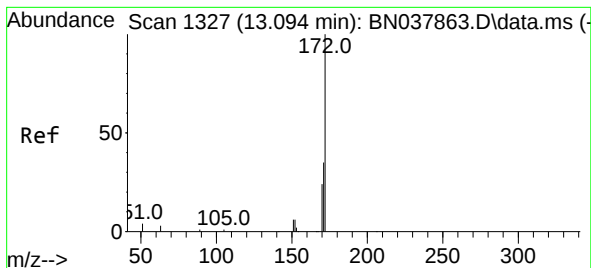
Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

141 46.4 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 13.073 min Scan# 1327

Delta R.T. -0.021 min

Lab File: BN038073.D

Acq: 13 Oct 2025 18:00

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20251003

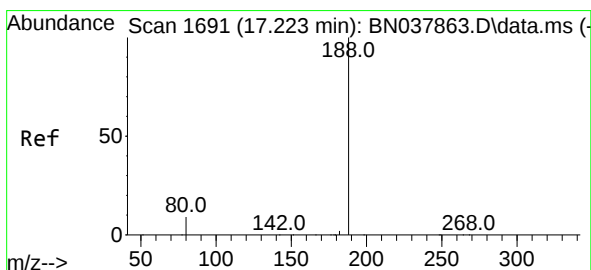
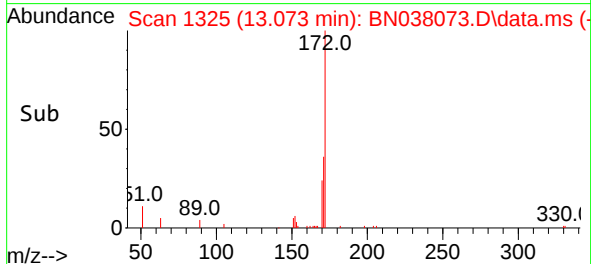
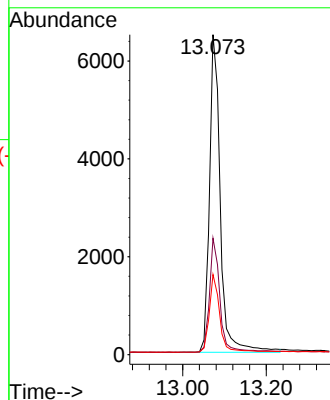
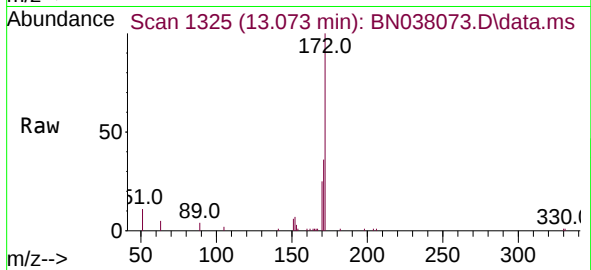
Tgt Ion:172 Resp: 10881

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 25.0 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.210 min Scan# 1690

Delta R.T. -0.013 min

Lab File: BN038073.D

Acq: 13 Oct 2025 18:00

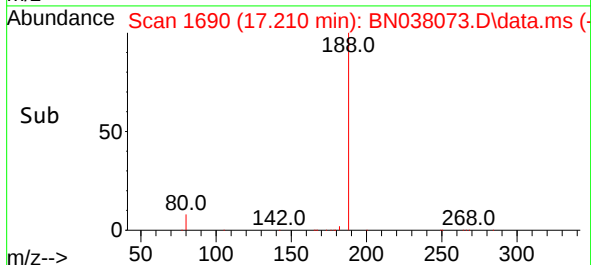
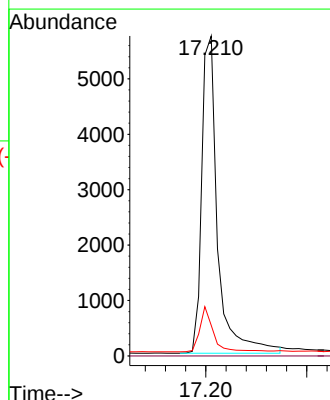
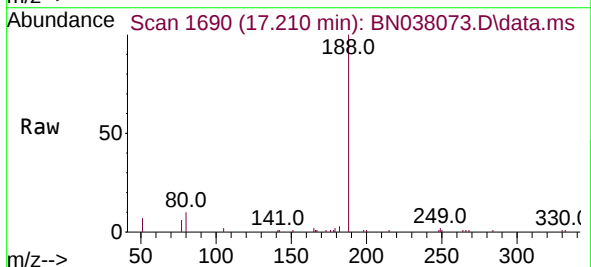
Tgt Ion:188 Resp: 12433

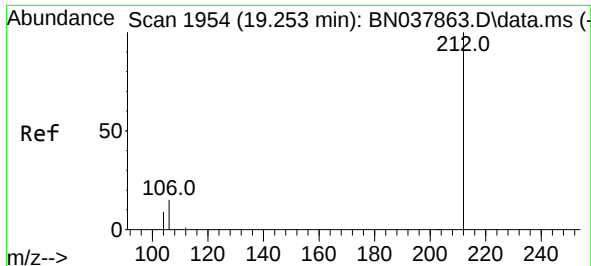
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.6 11.4

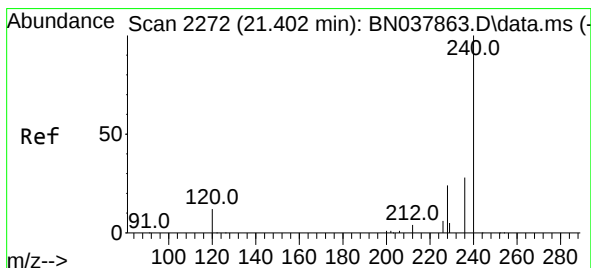
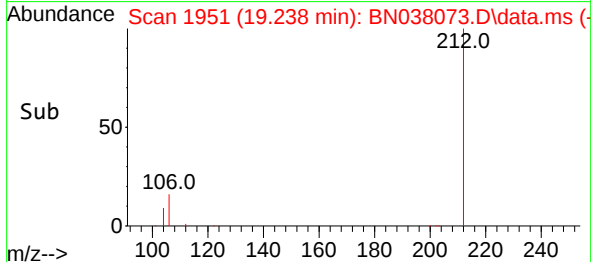
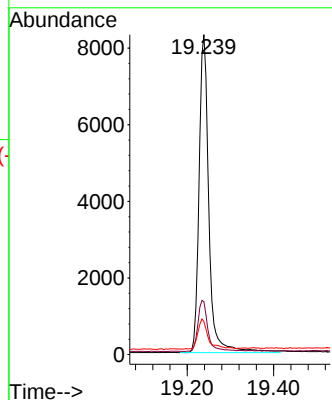
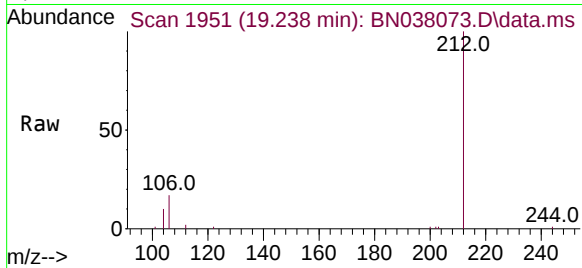




#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038073.D
Acq: 13 Oct 2025 18:00

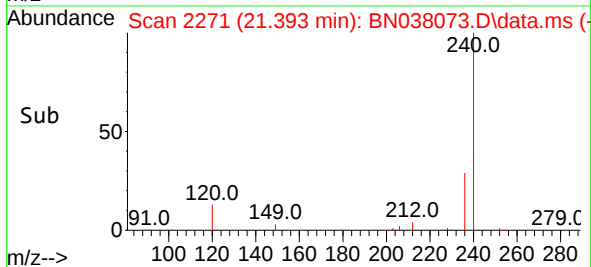
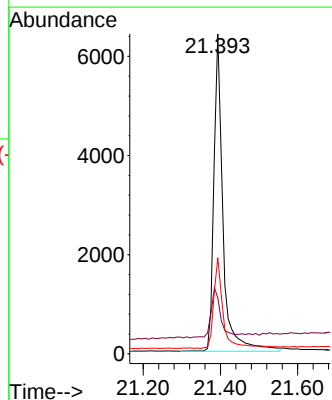
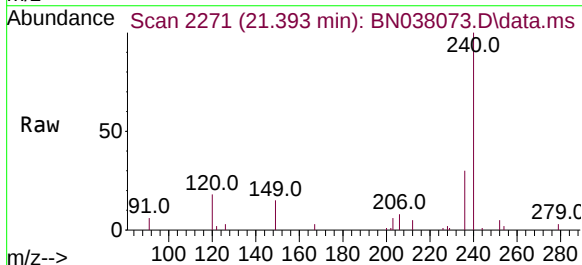
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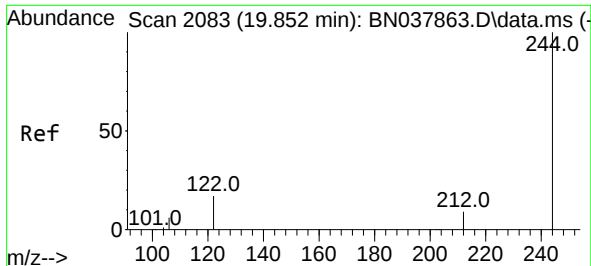
Tgt Ion:212 Resp: 13072
Ion Ratio Lower Upper
212 100
106 16.7 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038073.D
Acq: 13 Oct 2025 18:00

Tgt Ion:240 Resp: 10491
Ion Ratio Lower Upper
240 100
120 17.5 11.4 17.2#
236 30.0 23.0 34.6

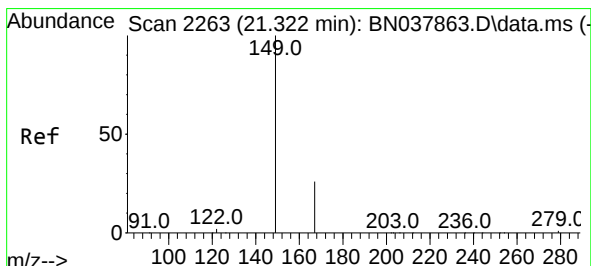
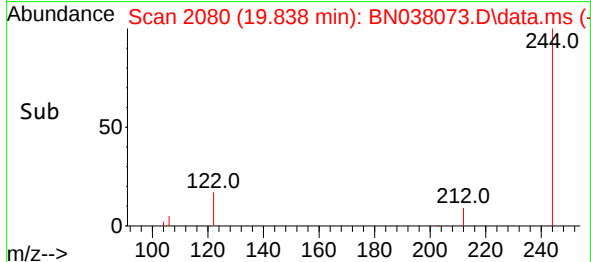
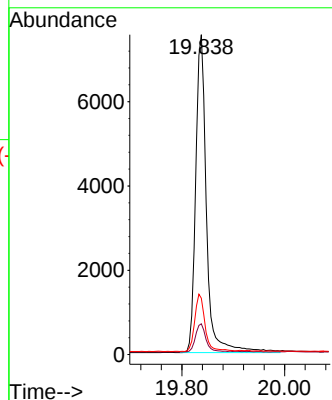
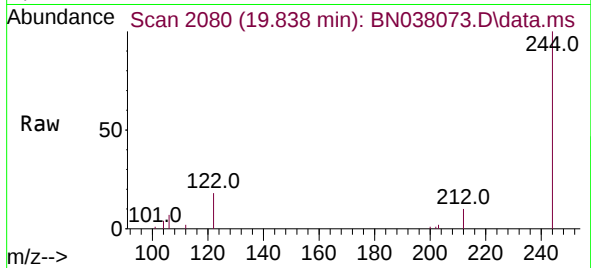




#31
 Terphenyl-d14
 Concen: 0.524 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038073.D
 Acq: 13 Oct 2025 18:00

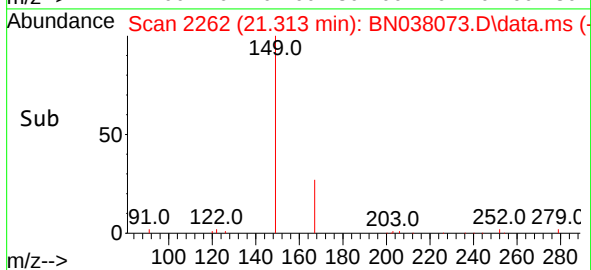
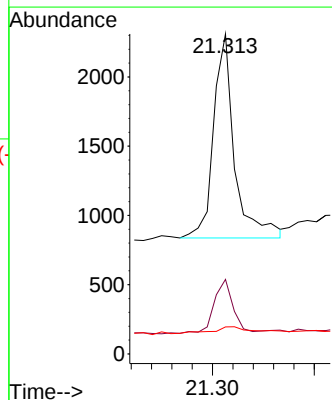
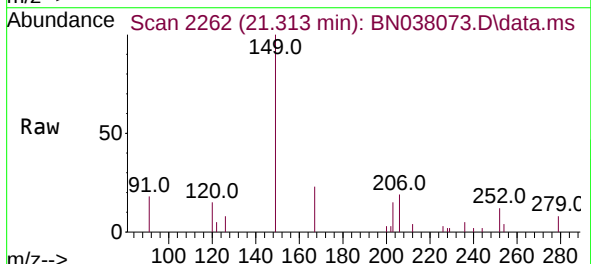
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20251003

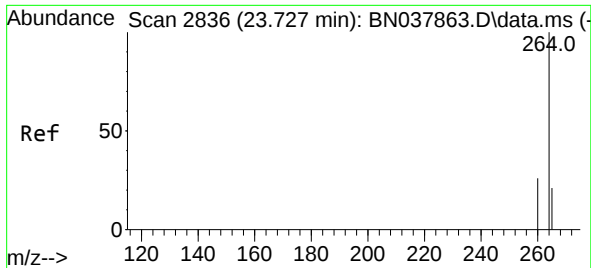
Tgt Ion:244 Resp: 10940
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.6 11.4
 122 17.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038073.D
 Acq: 13 Oct 2025 18:00

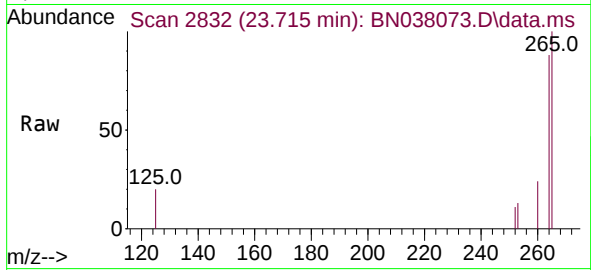
Tgt Ion:149 Resp: 2111
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.4 30.6
 279 7.0 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 2832
 Delta R.T. -0.012 min
 Lab File: BN038073.D
 Acq: 13 Oct 2025 18:00

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20251003



Tgt Ion:264 Resp: 10411

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.5	32.3
265	113.3	53.8	80.6

