

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
 Data File : BN037589.D
 Acq On : 13 Aug 2025 11:05
 Operator : RC/JU
 Sample : PB169222BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169222BL

Quant Time: Aug 13 11:31:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2235	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5344	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2468	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4726	0.400	ng	0.01
29) Chrysene-d12	21.268	240	3815	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	3770	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1799	0.355	ng	0.00
5) Phenol-d6	6.879	99	1927	0.316	ng	0.00
8) Nitrobenzene-d5	8.854	82	1286	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	2324	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	184	0.170	ng	0.01
15) 2-Fluorobiphenyl	12.978	172	4926	0.345	ng	0.00
27) Fluoranthene-d10	19.122	212	4019	0.323	ng	0.00
31) Terphenyl-d14	19.722	244	2955	0.376	ng	0.00

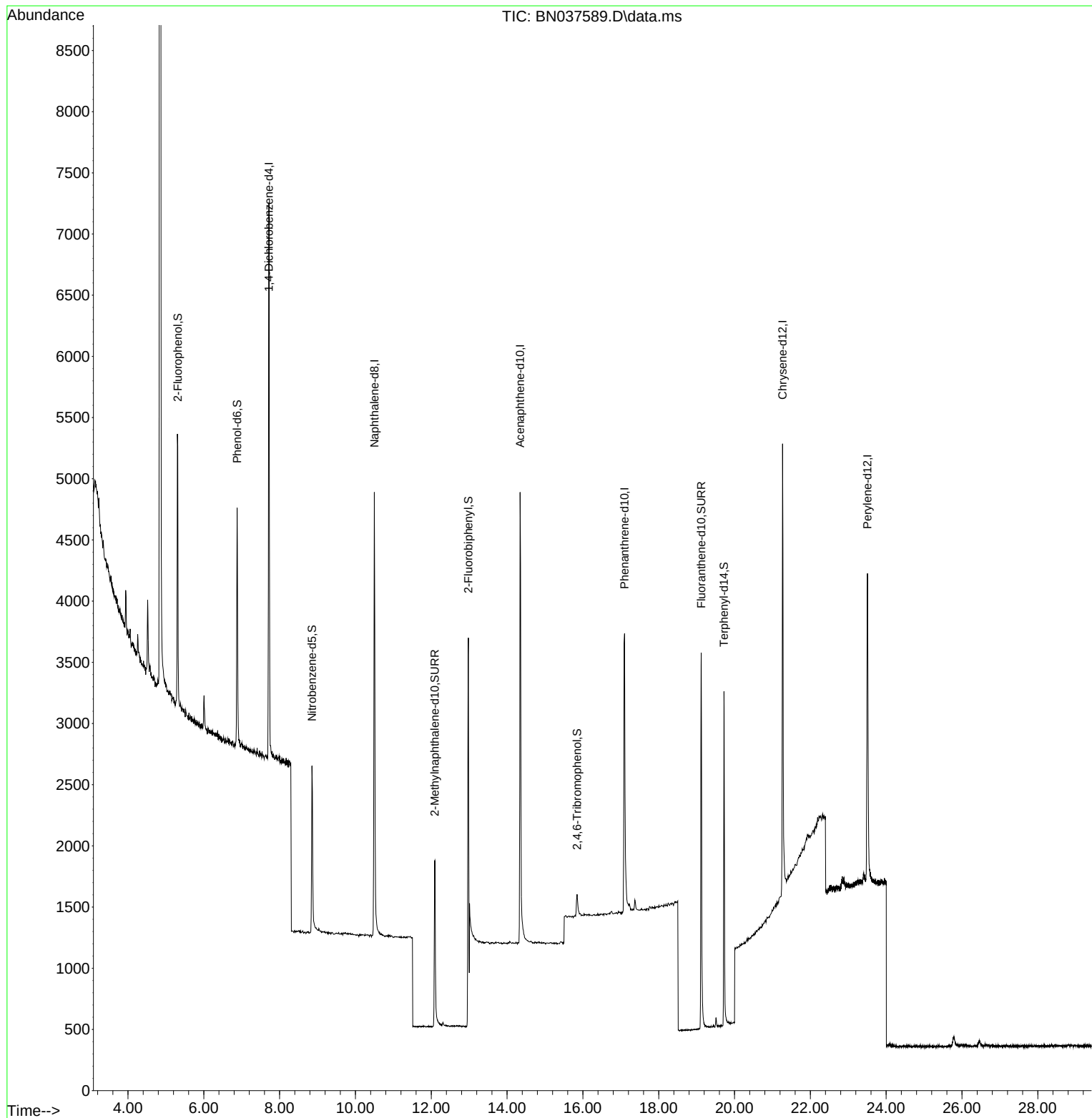
Target Compounds Qvalue

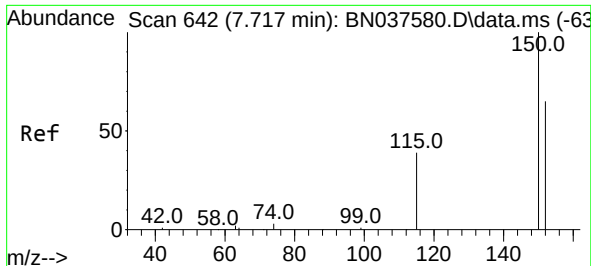
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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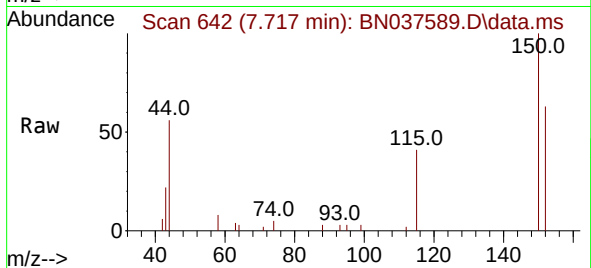
Quant Time: Aug 13 11:31:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
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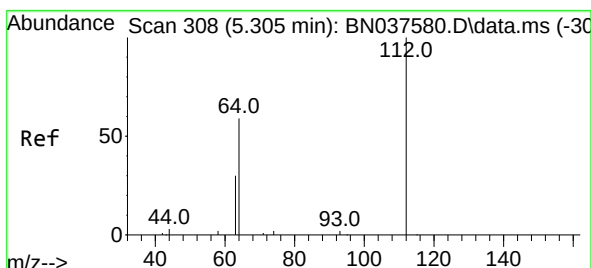
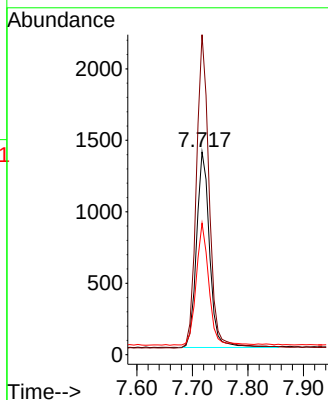
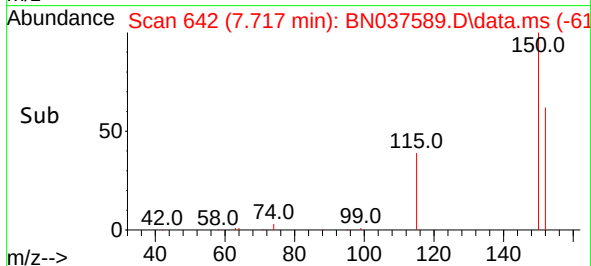


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

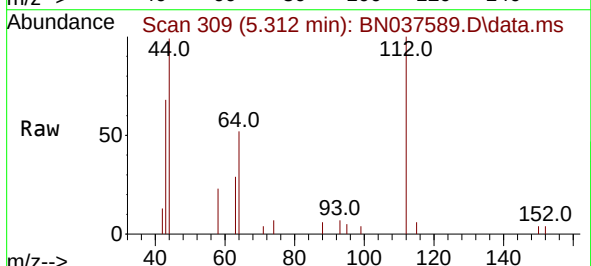
Instrument :
BNA_N
ClientSampleId :
PB169222BL



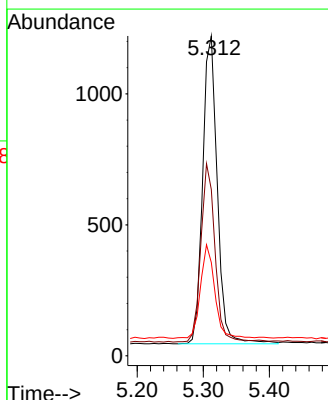
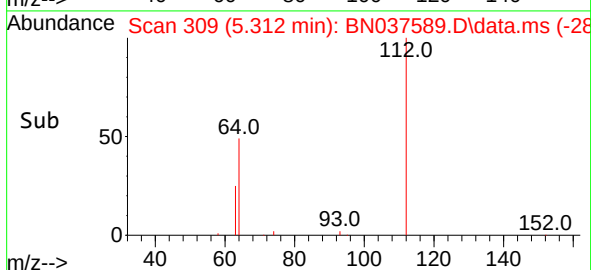
Tgt Ion:152 Resp: 2235
Ion Ratio Lower Upper
152 100
150 157.9 122.2 183.4
115 64.9 49.8 74.6

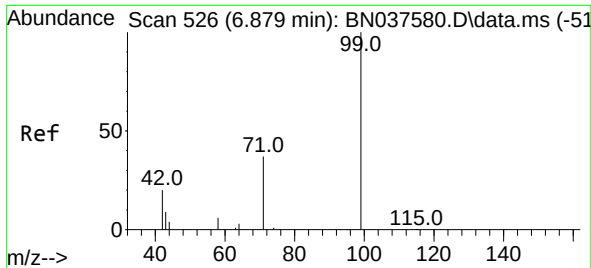


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.007 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05



Tgt Ion:112 Resp: 1799
Ion Ratio Lower Upper
112 100
64 55.9 44.9 67.3
63 29.9 23.4 35.2

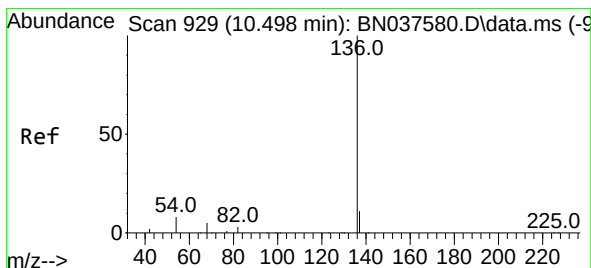
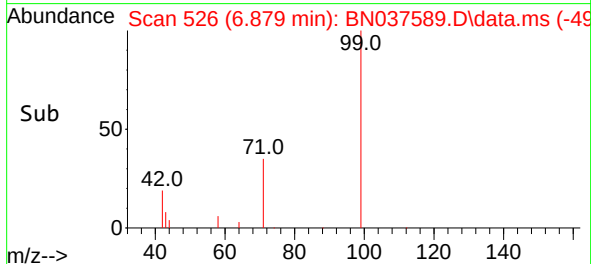
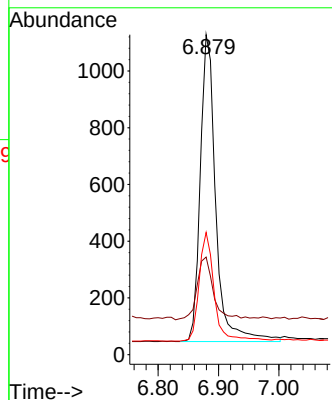
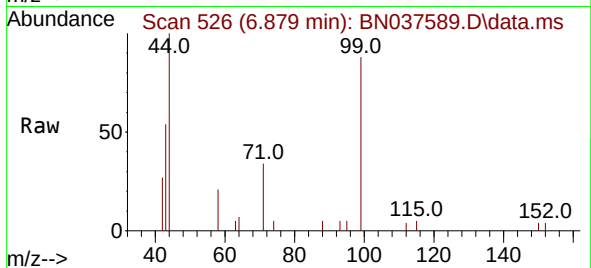




#5
Phenol-d6
Concen: 0.316 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

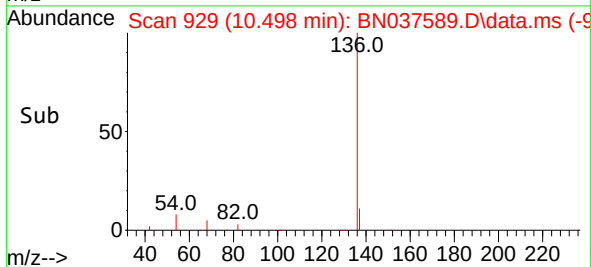
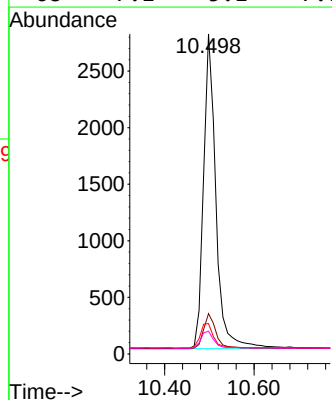
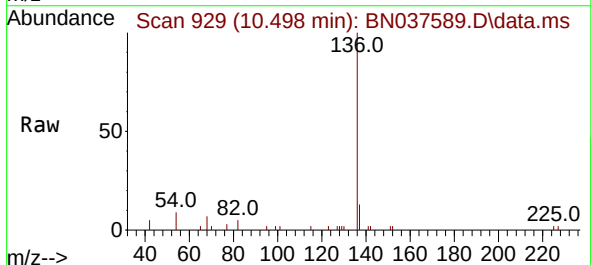
Instrument :
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ClientSampleId :
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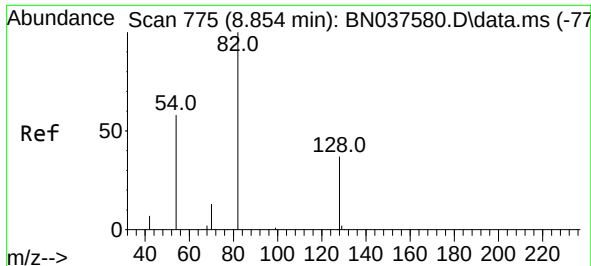
Tgt Ion:	99	Resp:	1927
Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.5	27.7
71	34.4	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:	136	Resp:	5344
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	9.5	7.3	10.9
68	7.1	5.1	7.7

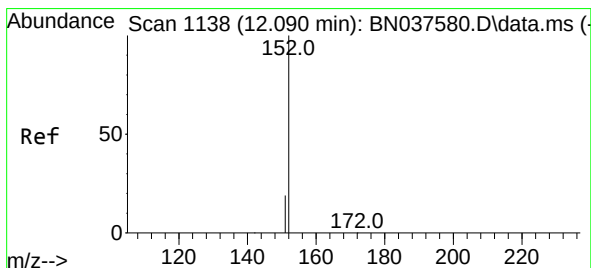
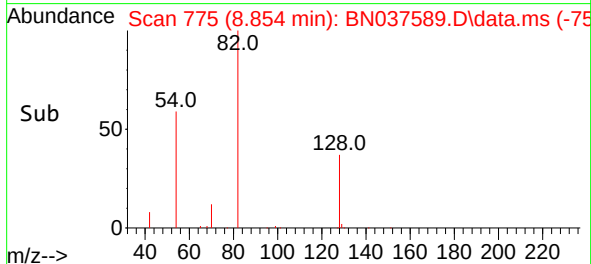
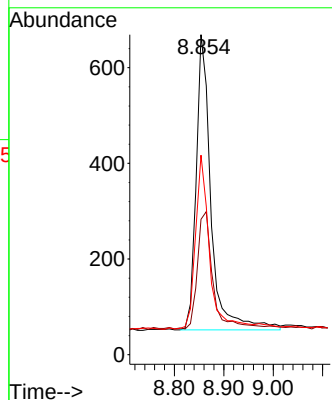
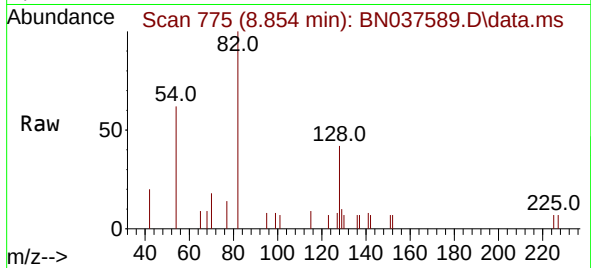




#8
 Nitrobenzene-d5
 Concen: 0.342 ng
 RT: 8.854 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: BN037589.D
 Acq: 13 Aug 2025 11:05

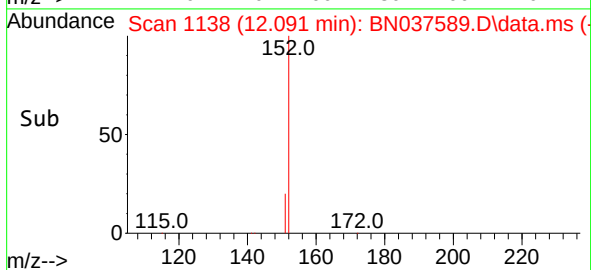
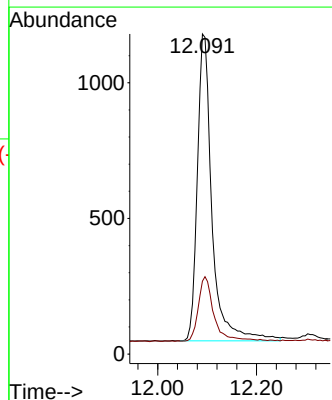
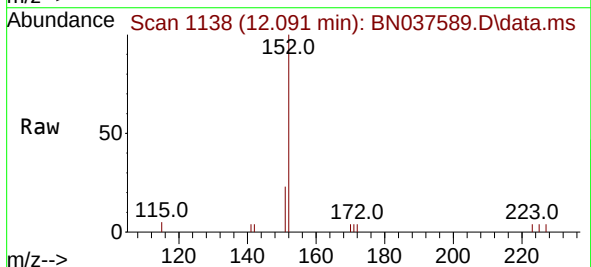
Instrument :
 BNA_N
 ClientSampleId :
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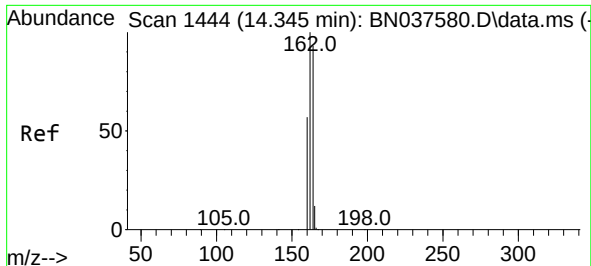
Tgt Ion: 82 Resp: 1286
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.6 48.8
 54 62.3 48.9 73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 12.091 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: BN037589.D
 Acq: 13 Aug 2025 11:05

Tgt Ion: 152 Resp: 2324
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.3 25.9

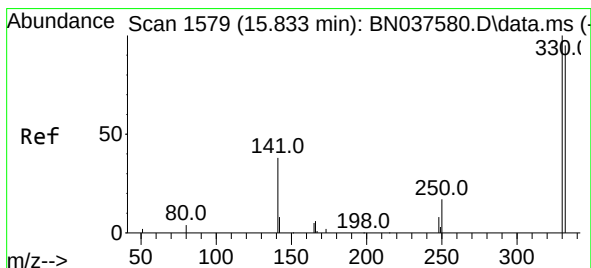
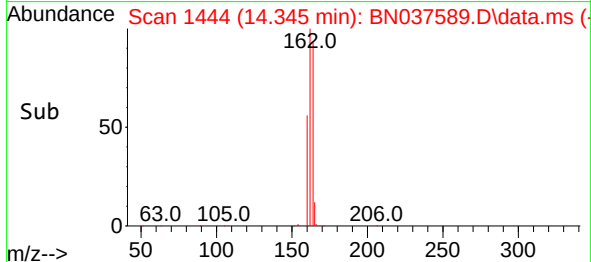
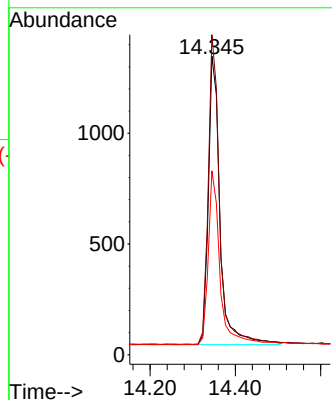
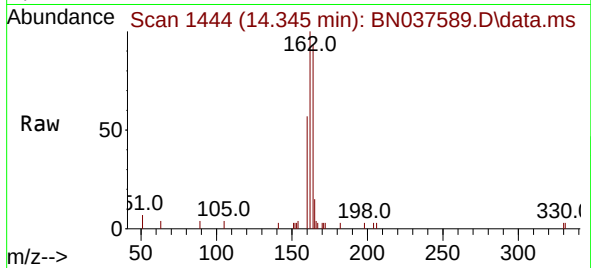




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

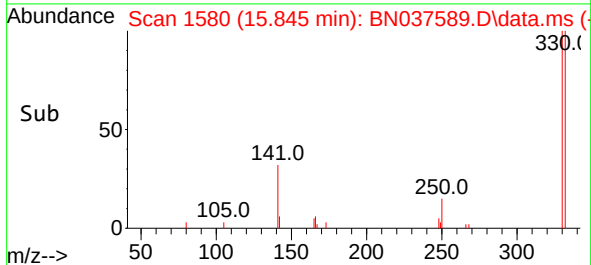
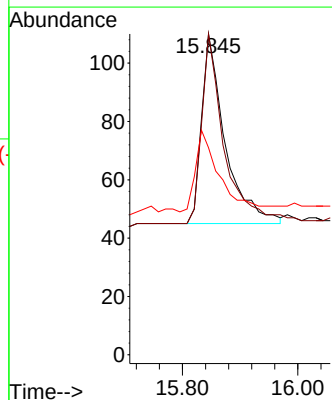
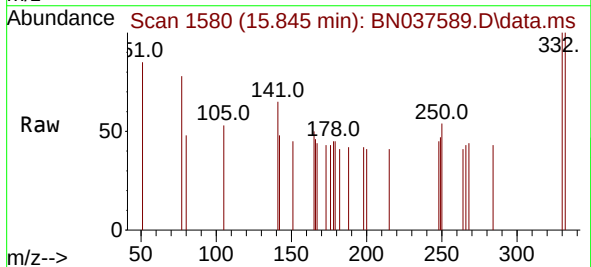
Instrument :
BNA_N
ClientSampleId :
PB169222BL

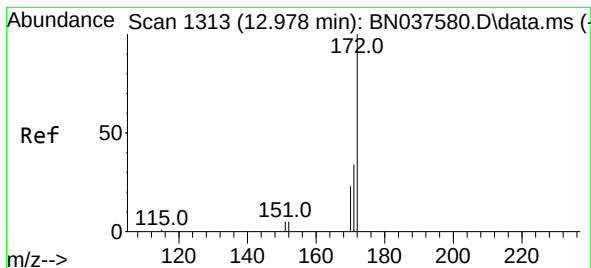
Tgt Ion:164 Resp: 2468
Ion Ratio Lower Upper
164 100
162 107.1 85.5 128.3
160 61.5 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.013 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 44.0 30.9 46.3





#15

2-Fluorobiphenyl

Concen: 0.345 ng

RT: 12.978 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037589.D

Acq: 13 Aug 2025 11:05

Instrument :

BNA_N

ClientSampleId :

PB169222BL

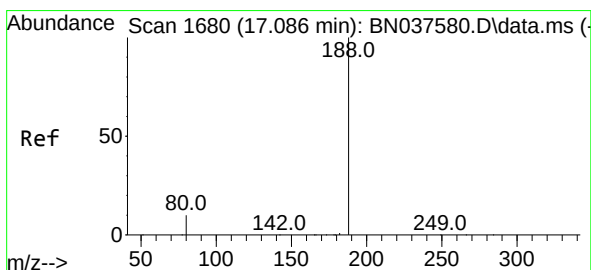
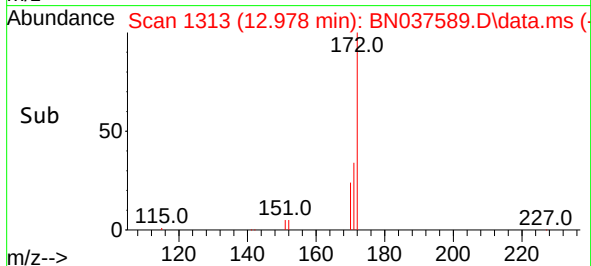
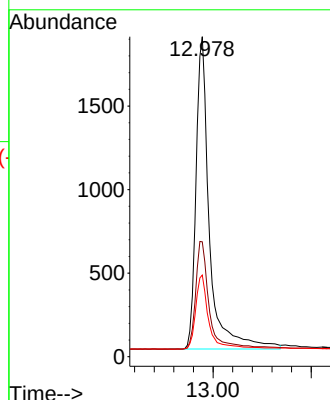
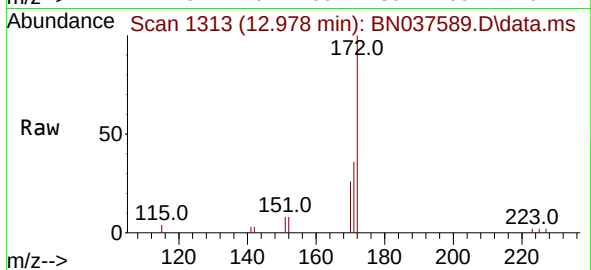
Tgt Ion:172 Resp: 4926

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 25.5 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1681

Delta R.T. 0.013 min

Lab File: BN037589.D

Acq: 13 Aug 2025 11:05

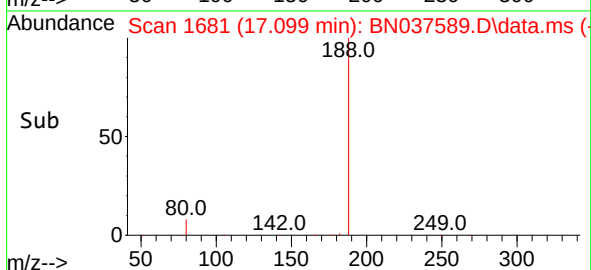
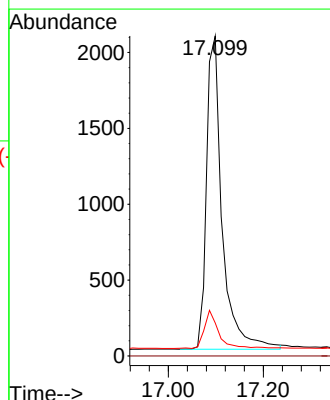
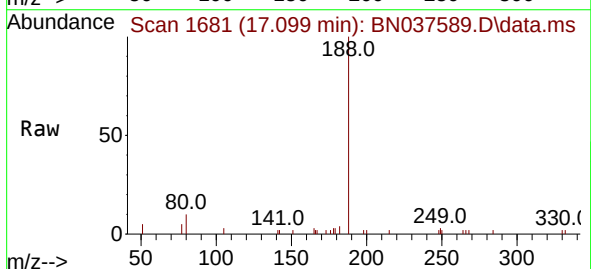
Tgt Ion:188 Resp: 4726

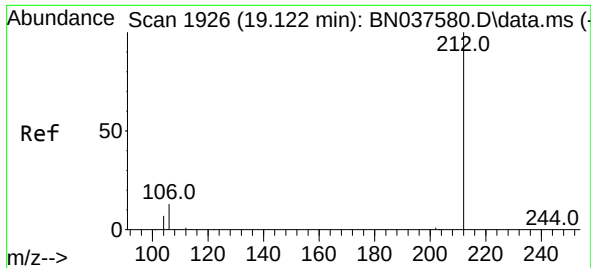
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.1 13.7

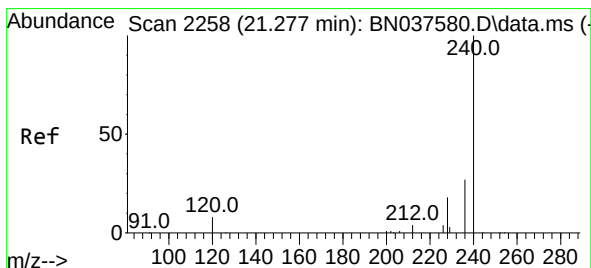
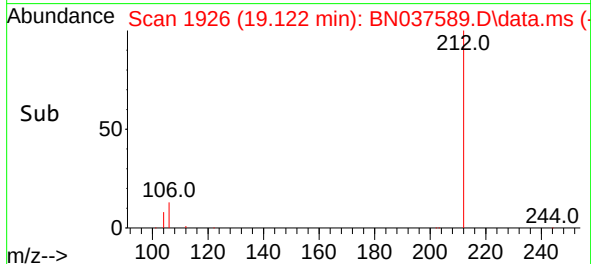
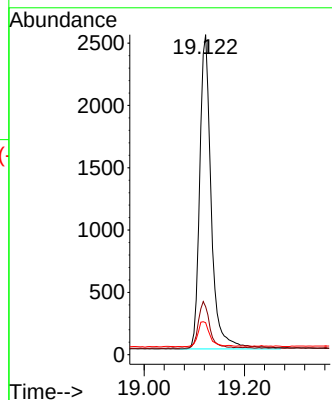
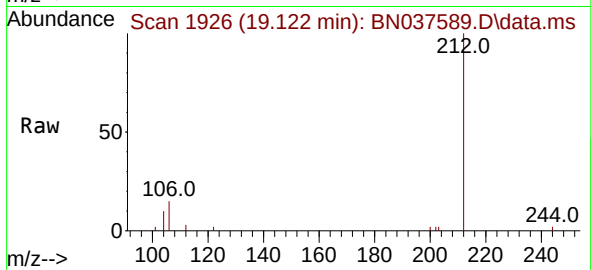




#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.122 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

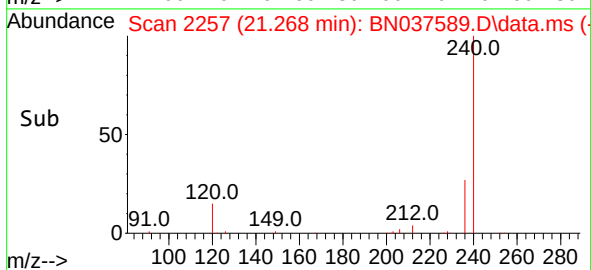
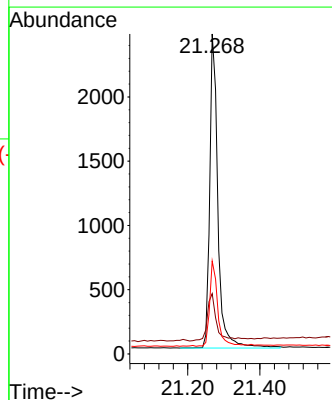
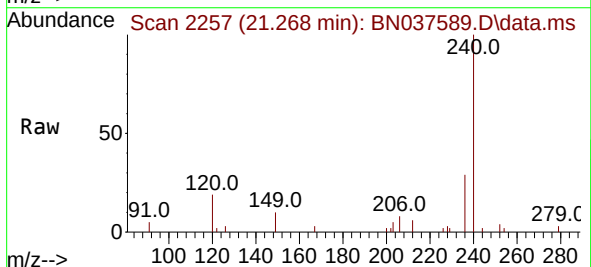
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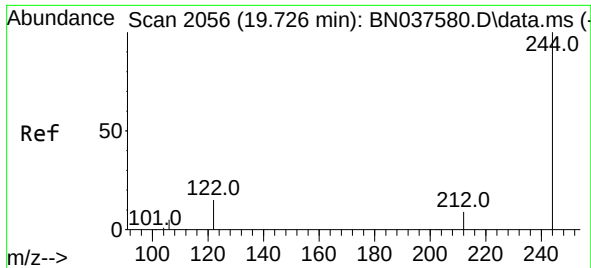
Tgt Ion:212 Resp: 4019
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:240 Resp: 3815
Ion Ratio Lower Upper
240 100
120 18.8 8.9 13.3#
236 29.0 22.6 33.8

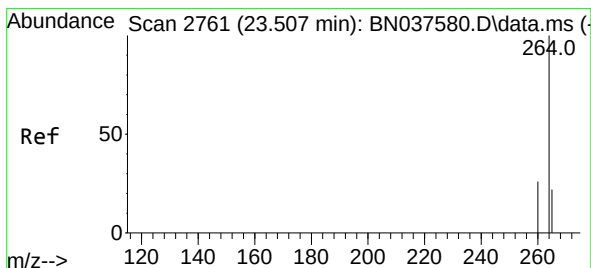
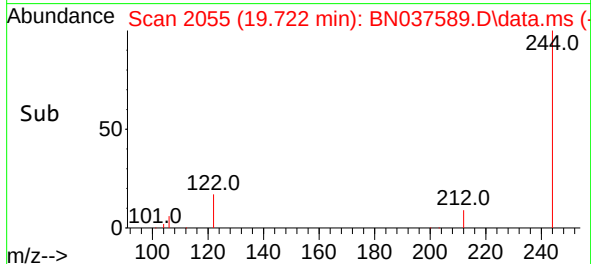
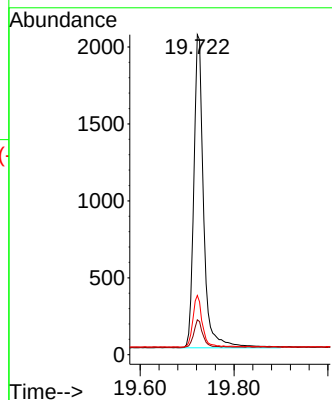
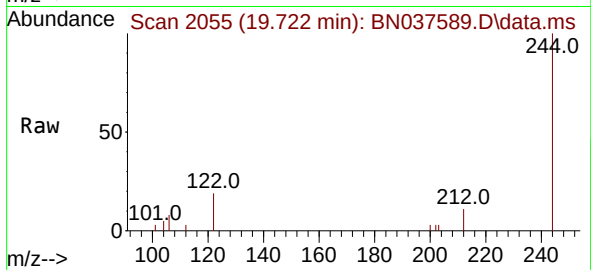




#31
 Terphenyl-d14
 Concen: 0.376 ng
 RT: 19.722 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037589.D
 Acq: 13 Aug 2025 11:05

Instrument :
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 ClientSampleId :
 PB169222BL

Tgt Ion:244 Resp: 2955
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.2 12.2
 122 18.5 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.508 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BN037589.D
 Acq: 13 Aug 2025 11:05

Tgt Ion:264 Resp: 3770
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.6 32.4
 265 77.2 48.2 72.4#

