

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)

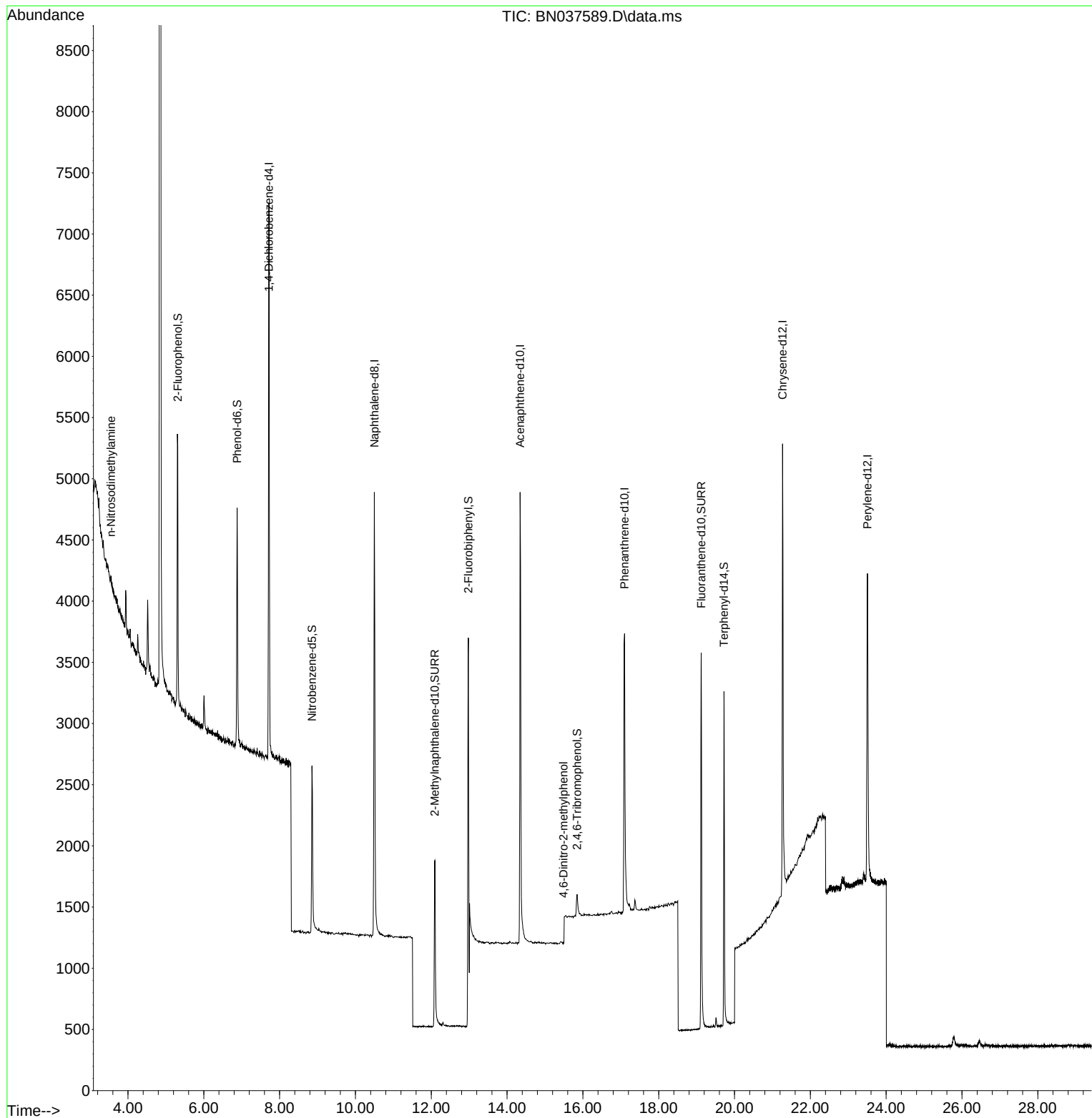
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2235	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5344	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2468	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4726	0.400	ng	0.01
29) Chrysene-d12	21.268	240	3815	0.400	ng	# 0.00
35) Perylene-d12	23.508	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						
3) n-Nitrosodimethylamine	3.550	42	57	0.021	ng	# 23
20) 4,6-Dinitro-2-methylph...	15.489	198	2	0.183	ng	# 3

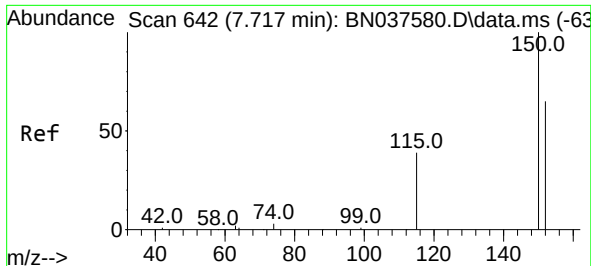
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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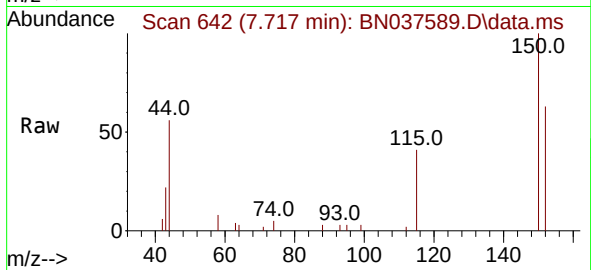
Quant Time: Aug 13 11:31:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



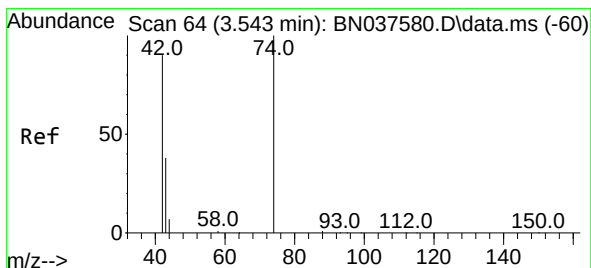
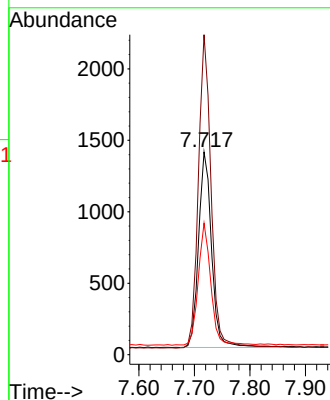
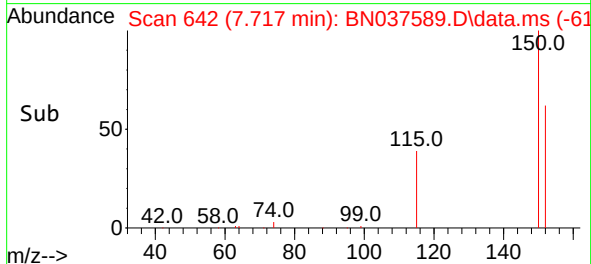


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037589.D
 Acq: 13 Aug 2025 11:05

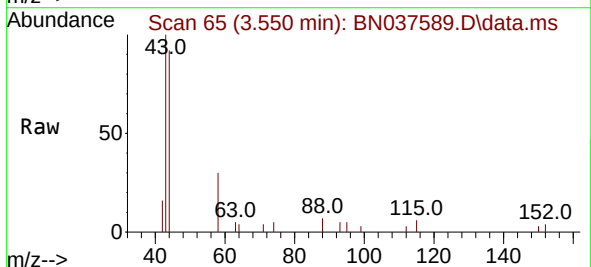
Instrument :
 BNA_N
 ClientSampleId :
 PB169222BL



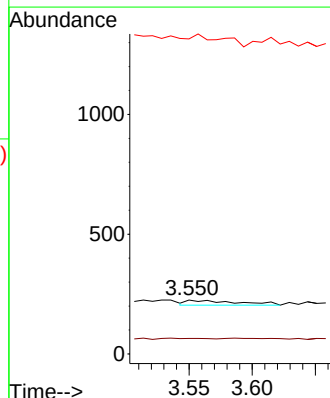
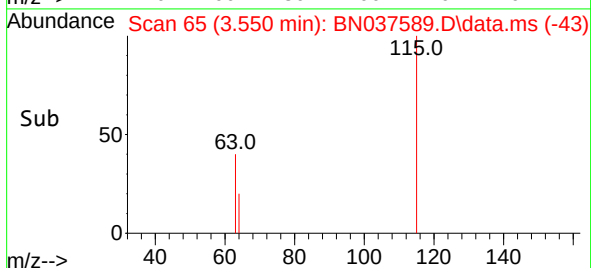
Tgt Ion:152 Resp: 2235
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.2 183.4
 115 64.9 49.8 74.6

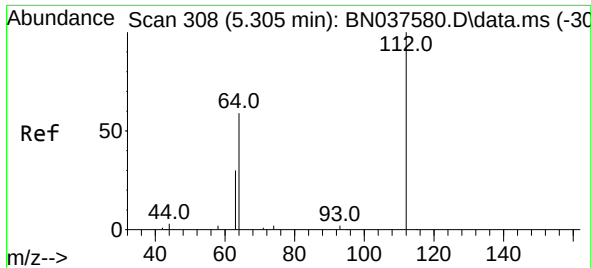


#3
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.550 min Scan# 65
 Delta R.T. 0.007 min
 Lab File: BN037589.D
 Acq: 13 Aug 2025 11:05



Tgt Ion: 42 Resp: 57
 Ion Ratio Lower Upper
 42 100
 74 19.3 82.0 123.0#
 44 0.0 7.9 11.9#

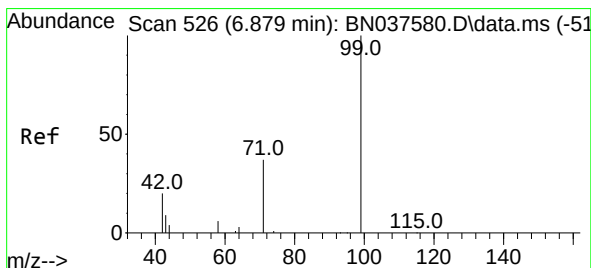
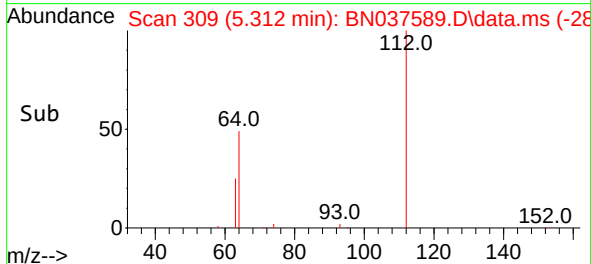
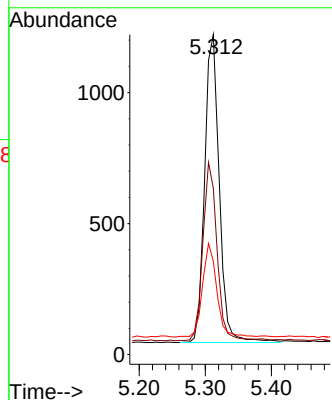
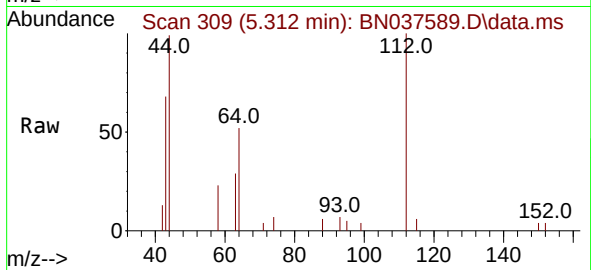




#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.312 min Scan# 308
Delta R.T. 0.007 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

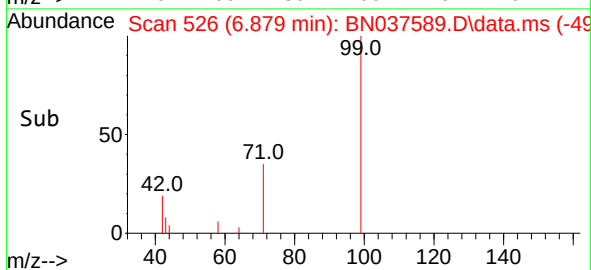
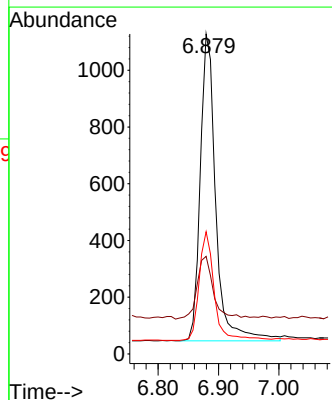
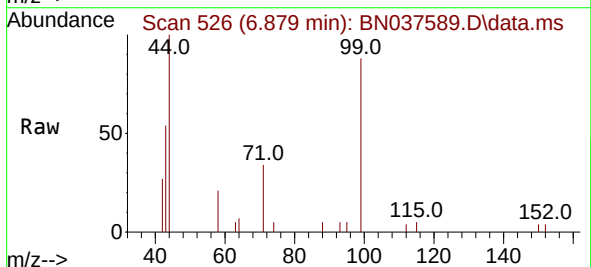
Instrument :
BNA_N
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PB169222BL

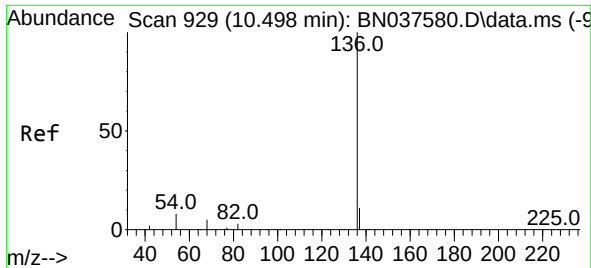
Tgt Ion:112 Resp: 1799
Ion Ratio Lower Upper
112 100
64 55.9 44.9 67.3
63 29.9 23.4 35.2



#5
Phenol-d6
Concen: 0.316 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

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

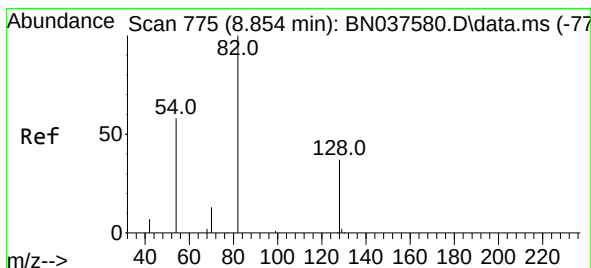
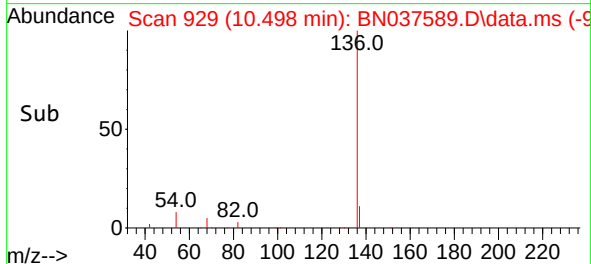
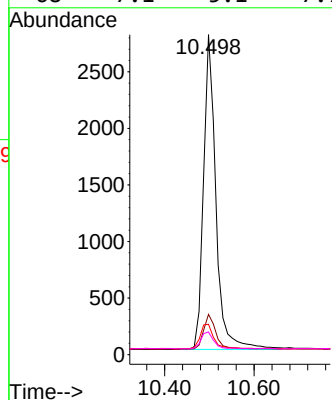
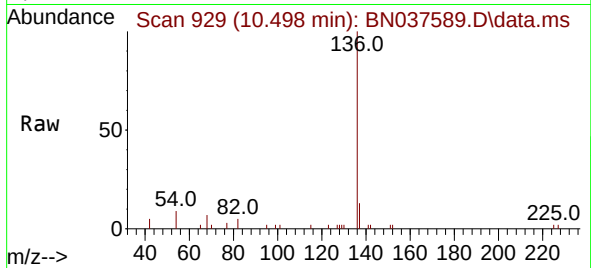




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

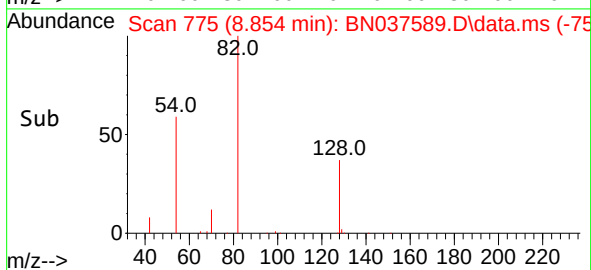
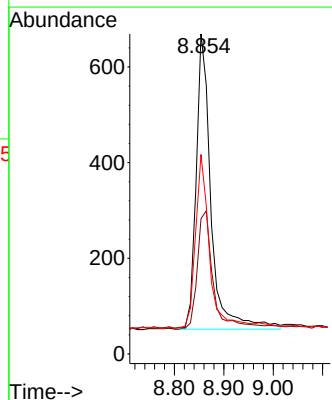
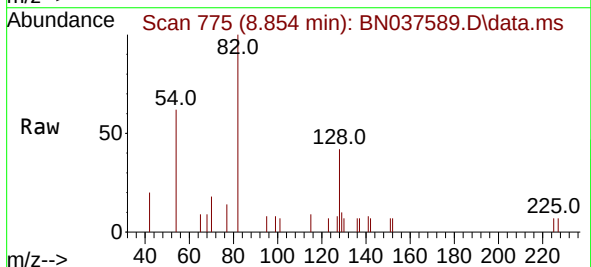
Instrument :
BNA_N
ClientSampleId :
PB169222BL

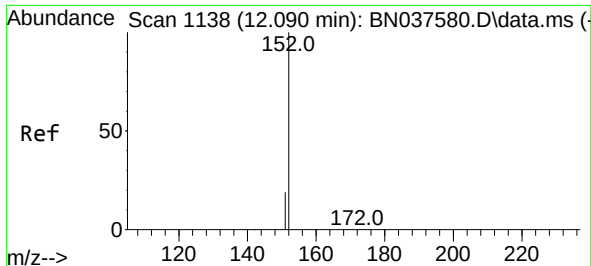
Tgt Ion:	136	Resp:	5344
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	9.5	7.3	10.9
68	7.1	5.1	7.7



#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

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

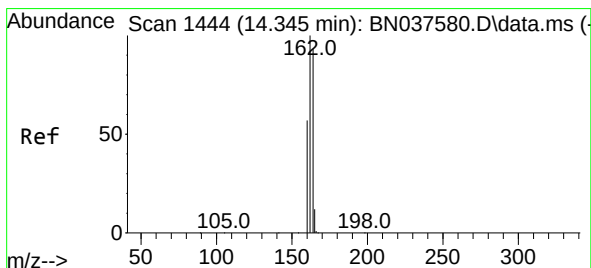
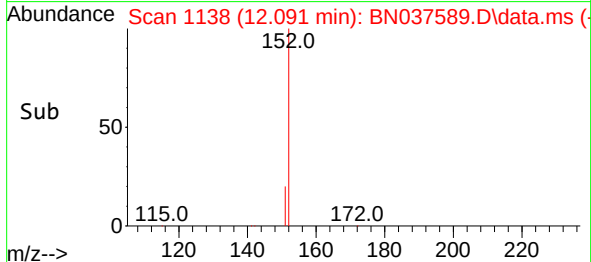
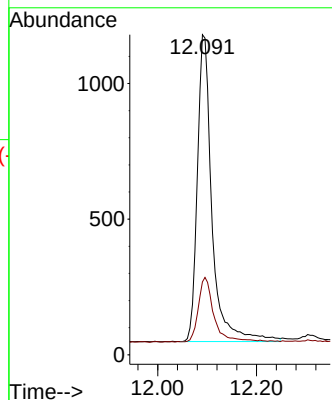
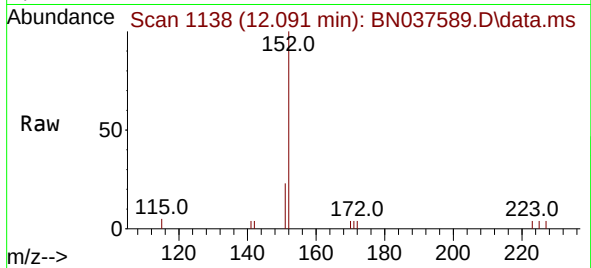




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

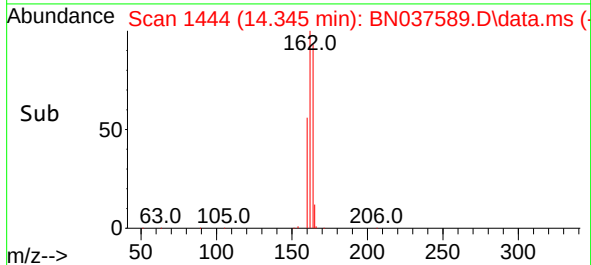
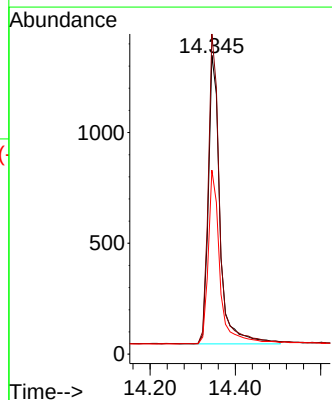
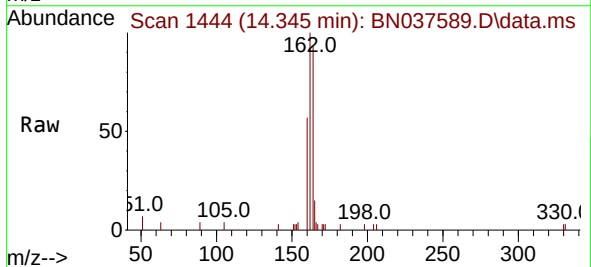
Instrument :
BNA_N
ClientSampleId :
PB169222BL

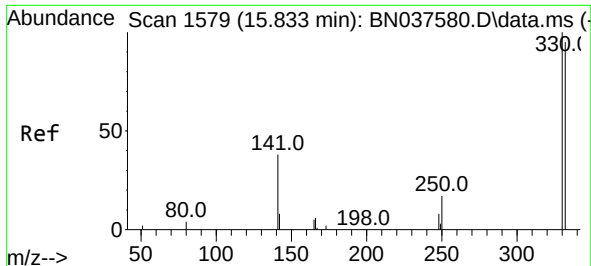
Tgt Ion:152 Resp: 2324
Ion Ratio Lower Upper
152 100
151 21.9 17.3 25.9



#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

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

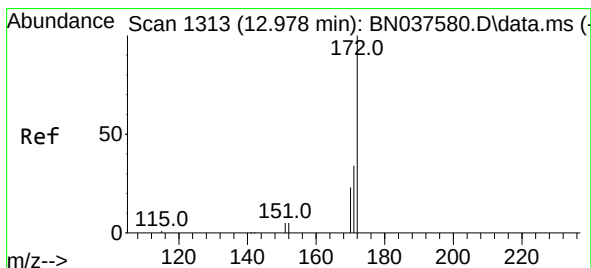
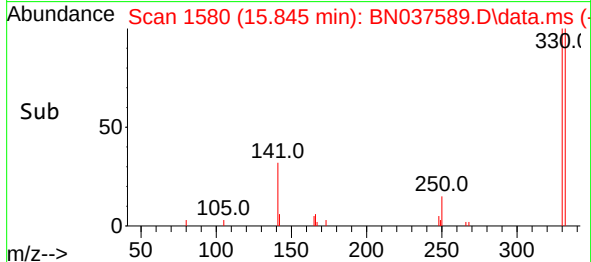
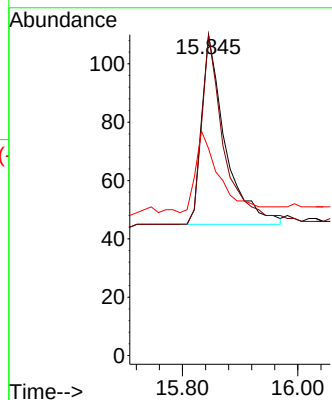
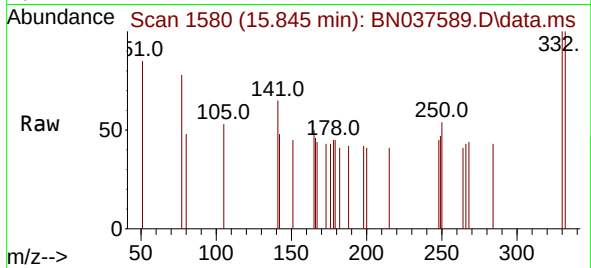




#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.845 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

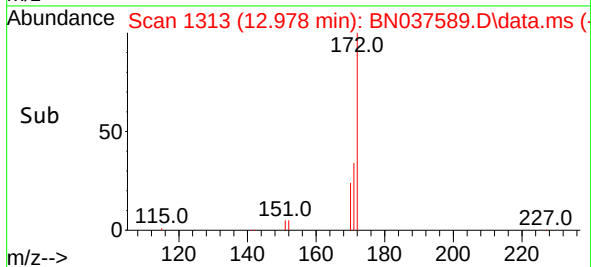
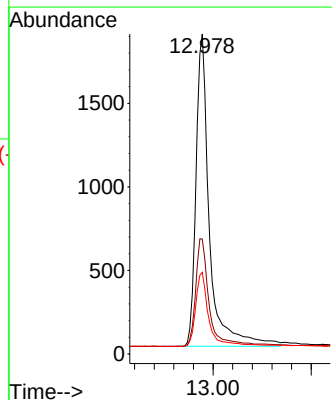
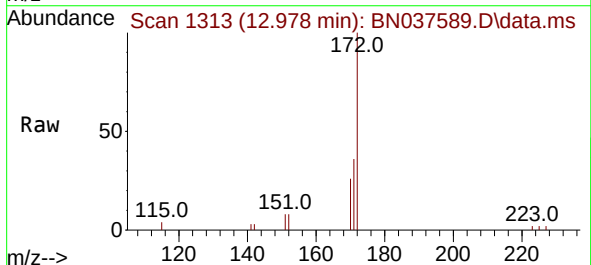
Instrument :
BNA_N
ClientSampleId :
PB169222BL

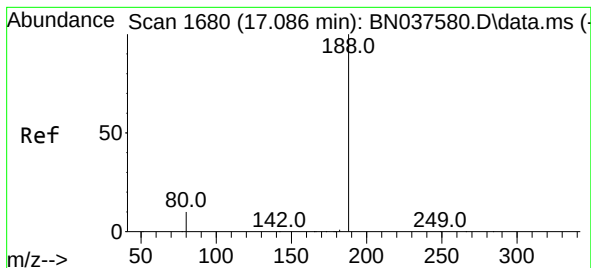
Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 44.0 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.978 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

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# 1

Delta R.T. 0.013 min

Lab File: BN037589.D

Acq: 13 Aug 2025 11:05

Instrument :

BNA_N

ClientSampleId :

PB169222BL

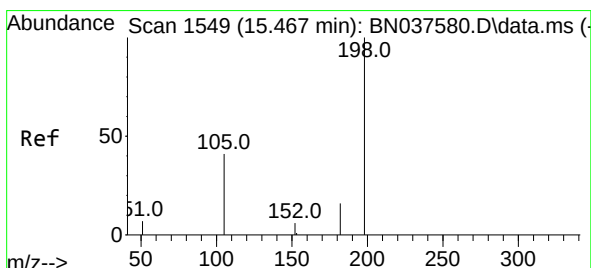
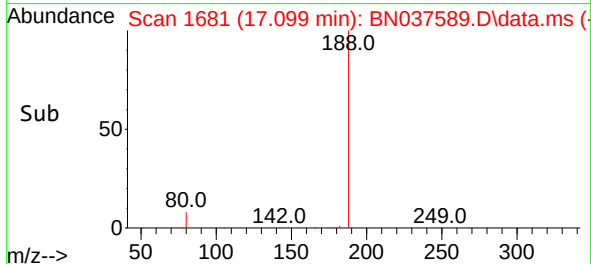
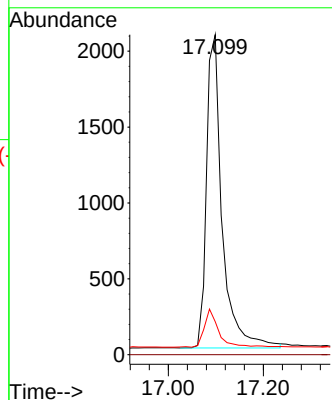
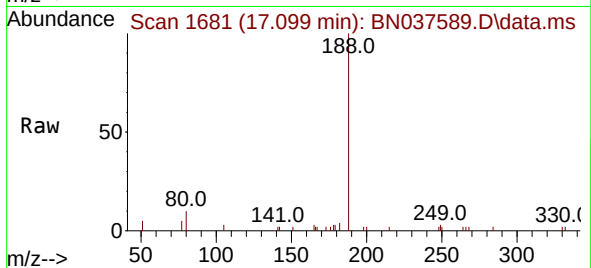
Tgt Ion:188 Resp: 4726

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.183 ng

RT: 15.489 min Scan# 1551

Delta R.T. 0.022 min

Lab File: BN037589.D

Acq: 13 Aug 2025 11:05

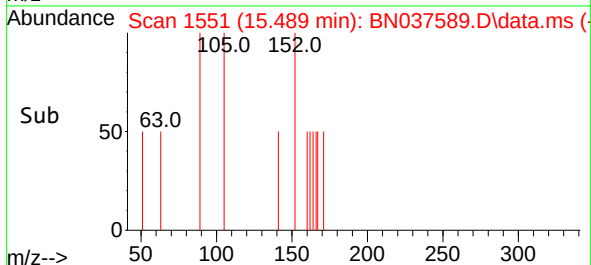
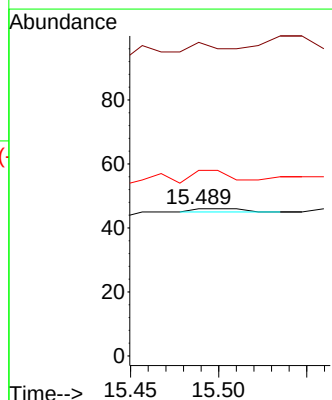
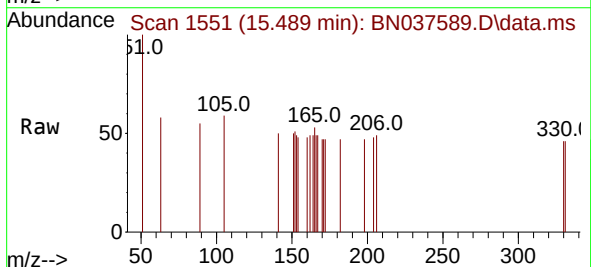
Tgt Ion:198 Resp: 2

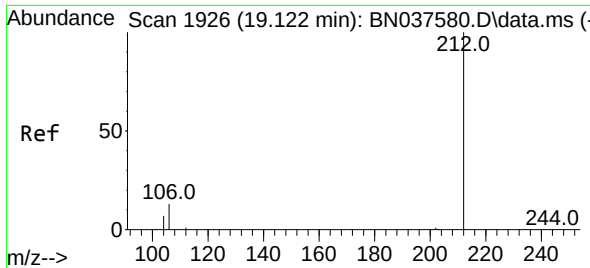
Ion Ratio Lower Upper

198 100

51 213.0 81.0 121.6#

105 126.1 52.5 78.7#

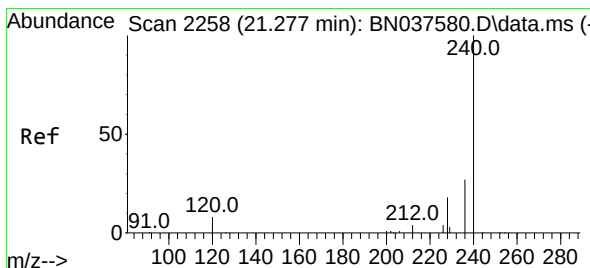
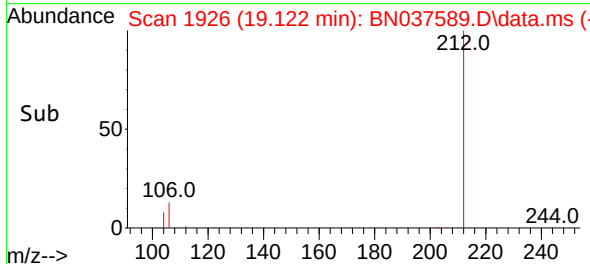
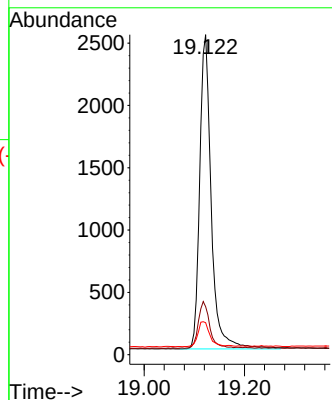
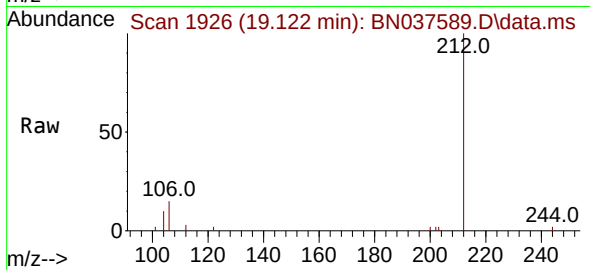




#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.122 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

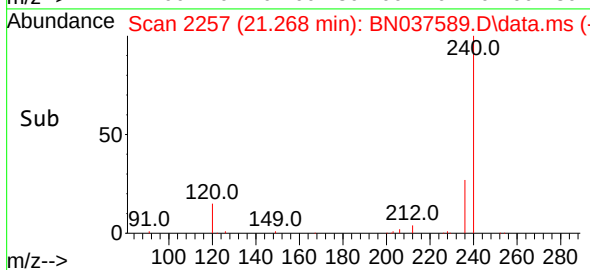
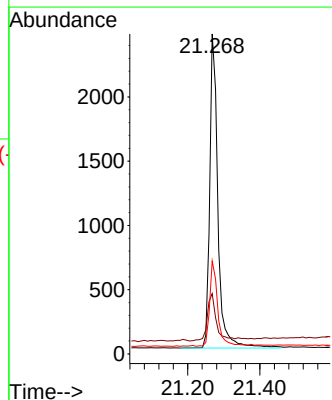
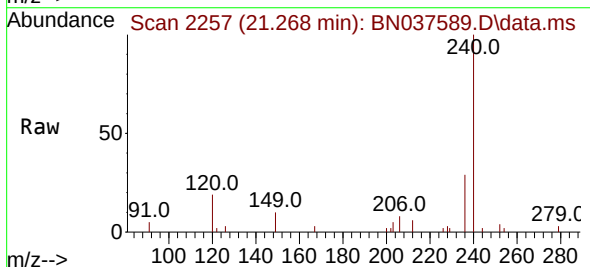
Instrument :
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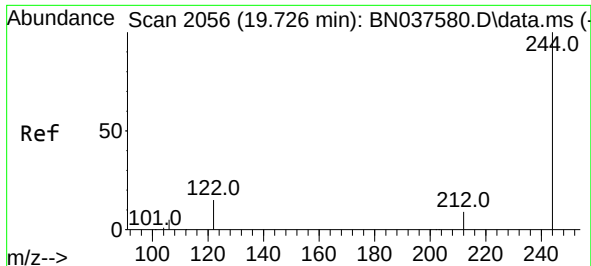
Tgt Ion:212 Resp: 4019
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.1 6.6 9.8



#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

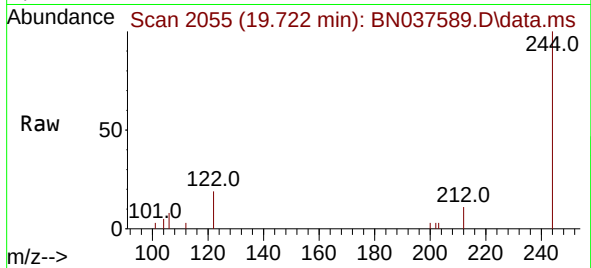
Tgt Ion:240 Resp: 3815
Ion Ratio Lower Upper
240 100
120 18.8 8.9 13.3#
236 29.0 22.6 33.8



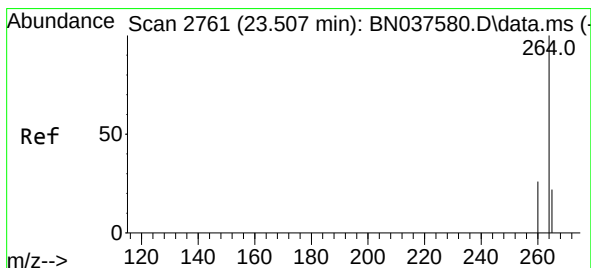
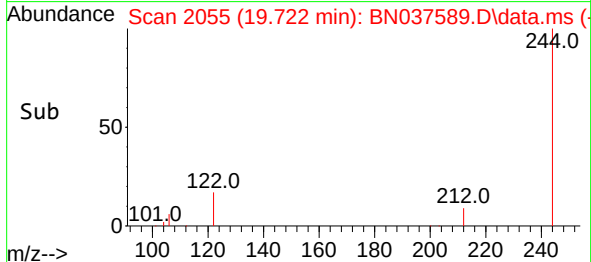
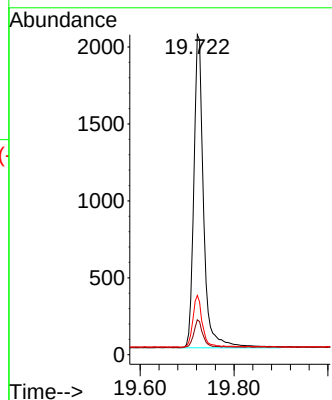


#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.722 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
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#

