

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
 Data File : BN037560.D
 Acq On : 05 Aug 2025 10:11
 Operator : RC/JU
 Sample : PB169094BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169094BL

Quant Time: Aug 06 01:38:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

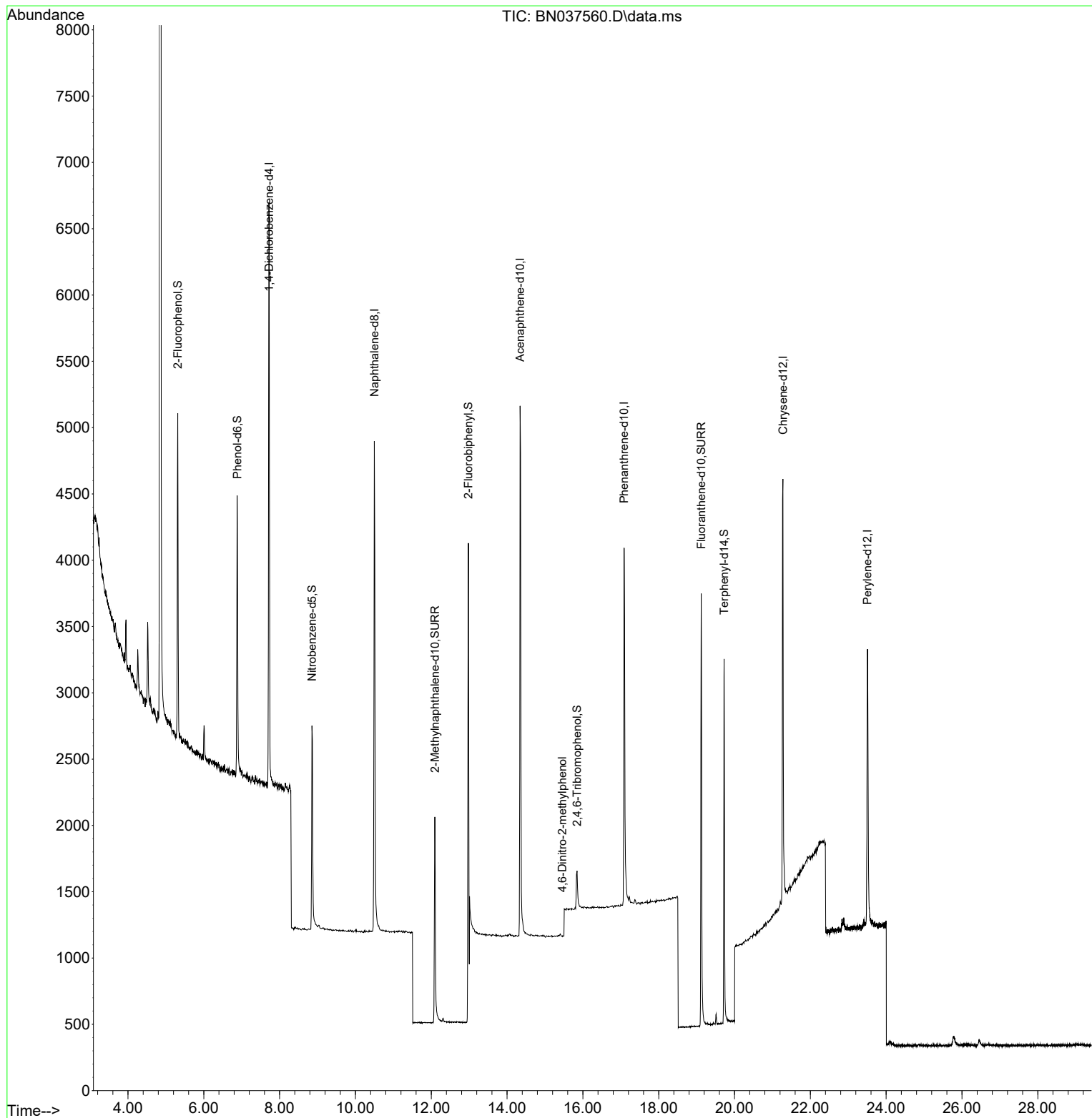
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2263	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5525	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	2603	0.400	ng	-0.01
19) Phenanthrene-d10	17.086	188	4745	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3478	0.400	ng	0.00
35) Perylene-d12	23.507	264	3099	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1839	0.329	ng	0.00
5) Phenol-d6	6.886	99	1996	0.284	ng	0.00
8) Nitrobenzene-d5	8.854	82	1445	0.350	ng	-0.01
11) 2-Methylnaphthalene-d10	12.095	152	2480	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	264	0.206	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	5082	0.375	ng	0.00
27) Fluoranthene-d10	19.122	212	4065	0.323	ng	0.00
31) Terphenyl-d14	19.726	244	2893	0.387	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.456	198	1	0.095	ng	Qvalue # 38

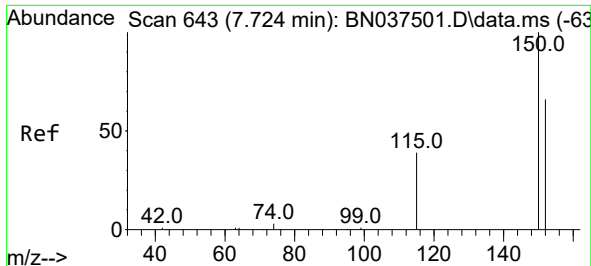
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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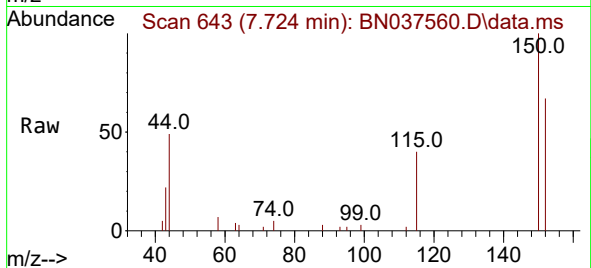
Quant Time: Aug 06 01:38:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration





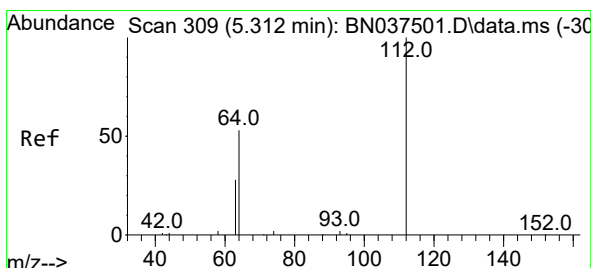
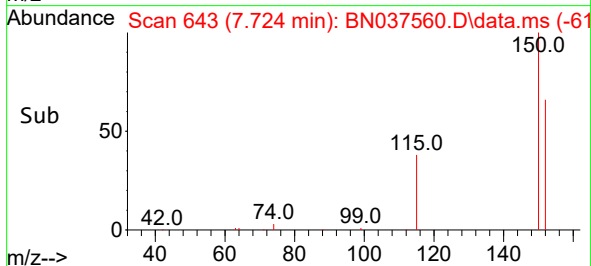
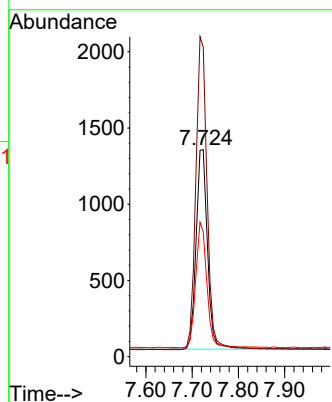
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN037560.D
 Acq: 05 Aug 2025 10:11

Instrument :
 BNA_N
 ClientSampleId :
 PB169094BL



Tgt Ion:152 Resp: 2263

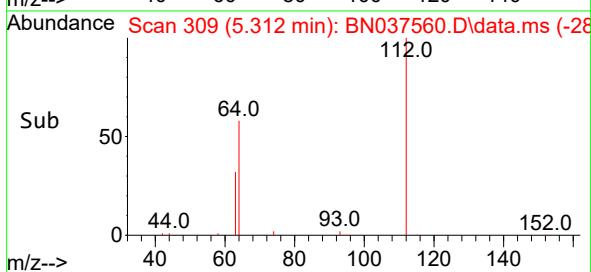
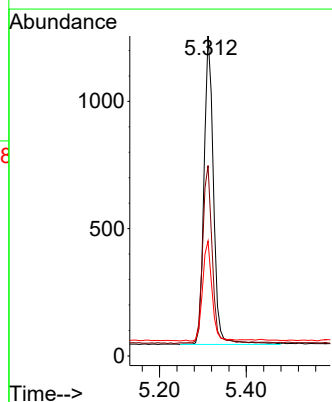
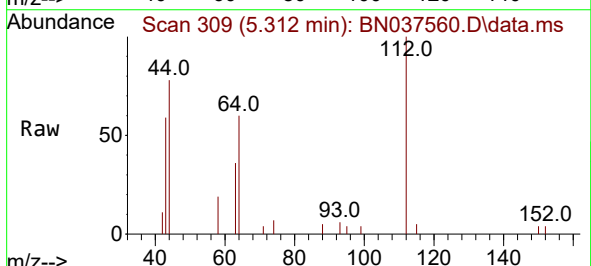
Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.8	179.8
115	60.4	49.1	73.7

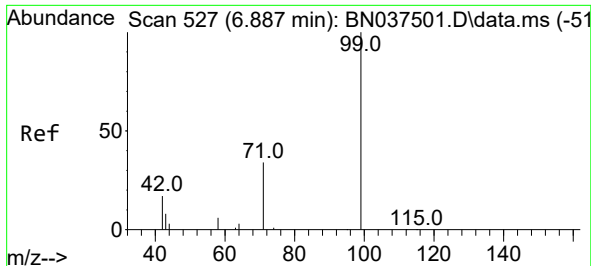


#4
 2-Fluorophenol
 Concen: 0.329 ng
 RT: 5.312 min Scan# 309
 Delta R.T. -0.000 min
 Lab File: BN037560.D
 Acq: 05 Aug 2025 10:11

Tgt Ion:112 Resp: 1839

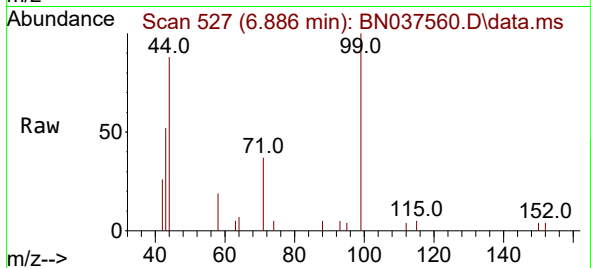
Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.1	67.7
63	31.8	23.8	35.8



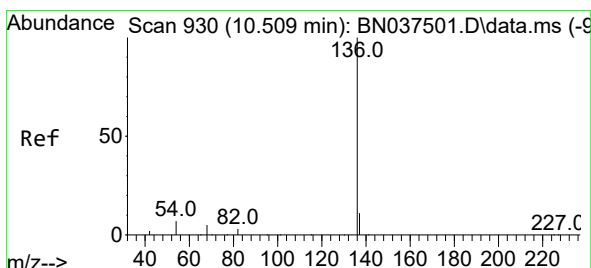
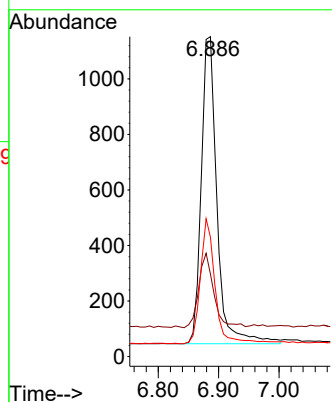
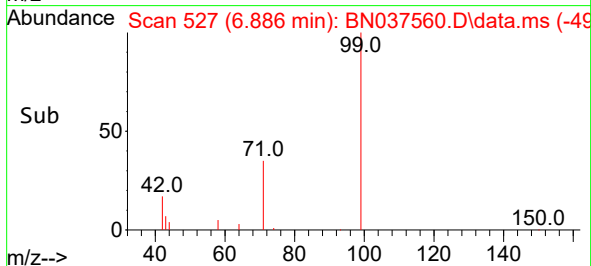


#5
Phenol-d6
Concen: 0.284 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11

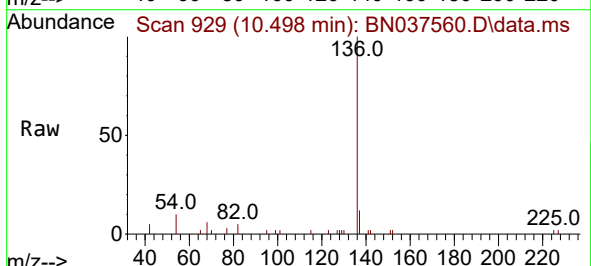
Instrument :
BNA_N
ClientSampleId :
PB169094BL



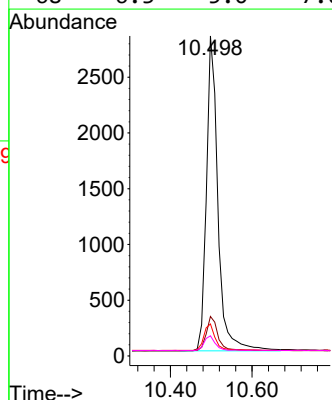
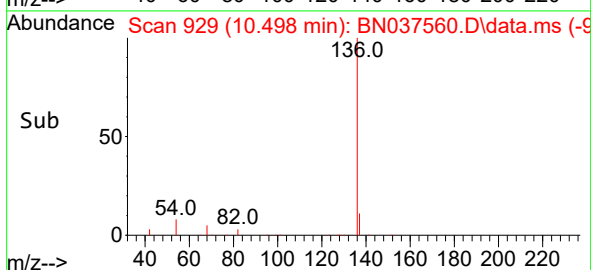
Tgt Ion: 99 Resp: 1996
Ion Ratio Lower Upper
99 100
42 23.3 17.1 25.7
71 39.4 27.8 41.8

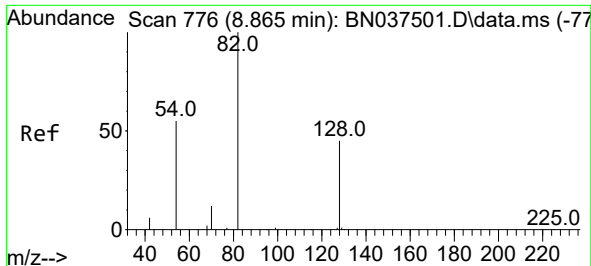


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11



Tgt Ion: 136 Resp: 5525
Ion Ratio Lower Upper
136 100
137 12.4 9.8 14.8
54 10.0 6.6 9.8#
68 6.3 5.0 7.6

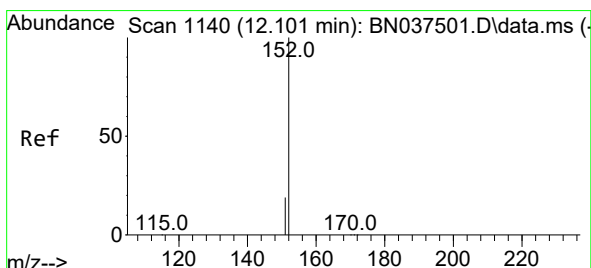
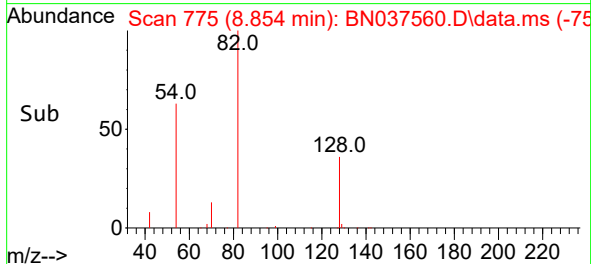
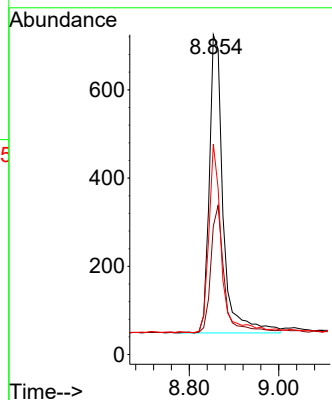
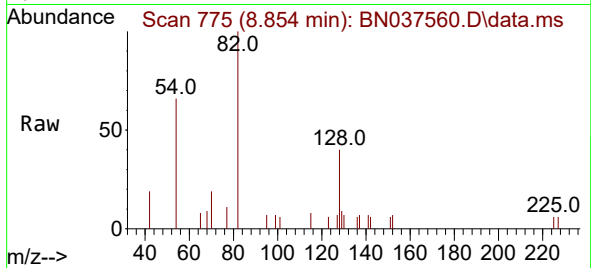




#8
 Nitrobenzene-d5
 Concen: 0.350 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037560.D
 Acq: 05 Aug 2025 10:11

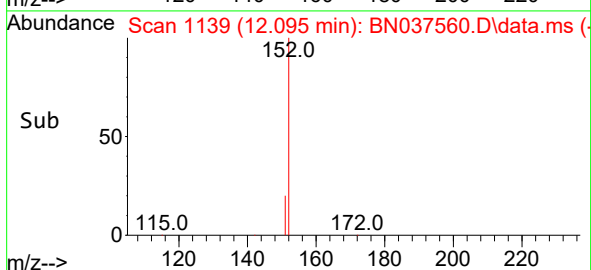
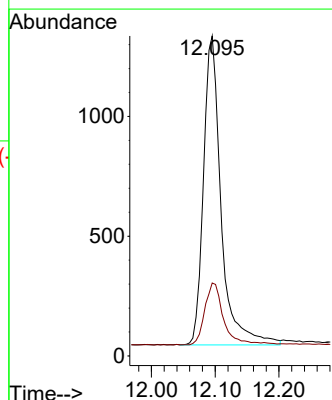
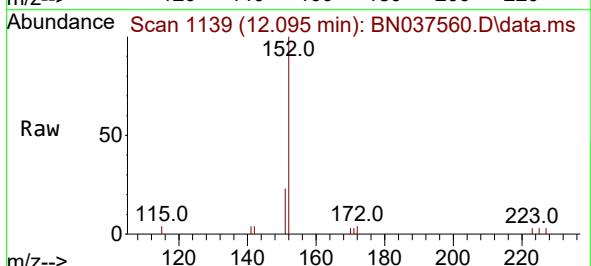
Instrument :
 BNA_N
 ClientSampleId :
 PB169094BL

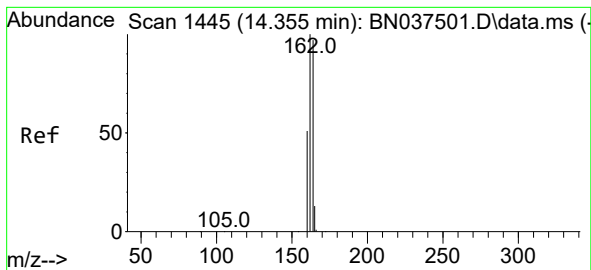
Tgt Ion: 82 Resp: 1445
 Ion Ratio Lower Upper
 82 100
 128 40.1 37.5 56.3
 54 65.8 45.3 67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.313 ng
 RT: 12.095 min Scan# 1139
 Delta R.T. -0.005 min
 Lab File: BN037560.D
 Acq: 05 Aug 2025 10:11

Tgt Ion: 152 Resp: 2480
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.011 min

Lab File: BN037560.D

Acq: 05 Aug 2025 10:11

Instrument :

BNA_N

ClientSampleId :

PB169094BL

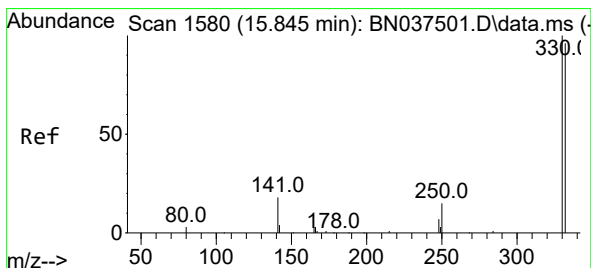
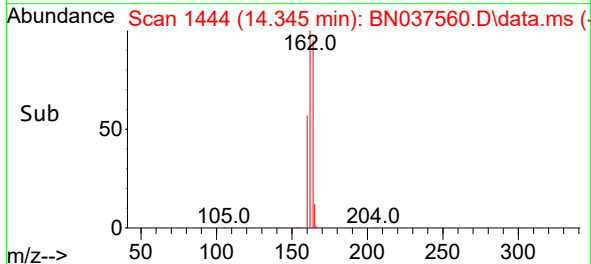
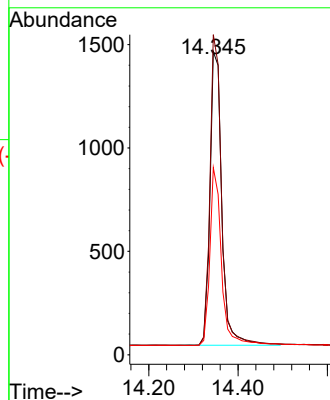
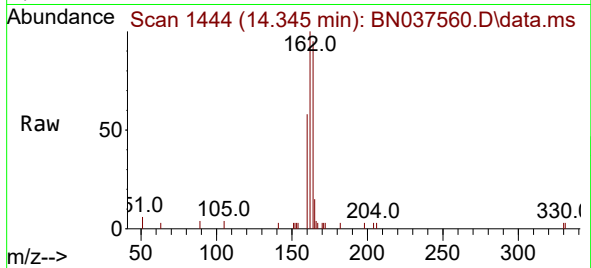
Tgt Ion:164 Resp: 2603

Ion Ratio Lower Upper

164 100

162 105.6 82.0 123.0

160 61.7 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.206 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BN037560.D

Acq: 05 Aug 2025 10:11

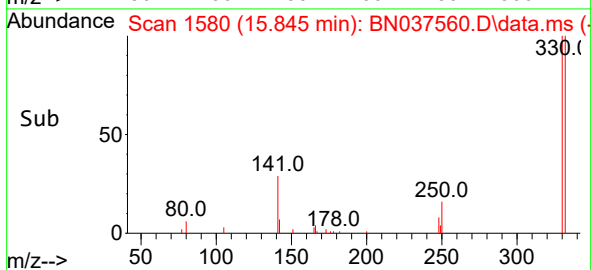
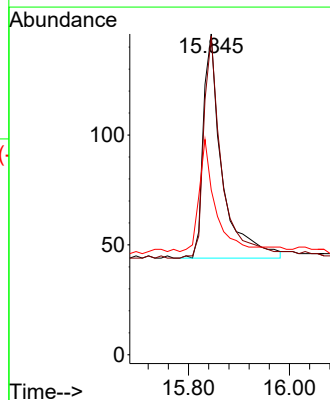
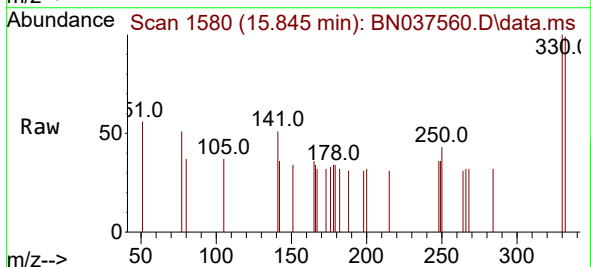
Tgt Ion:330 Resp: 264

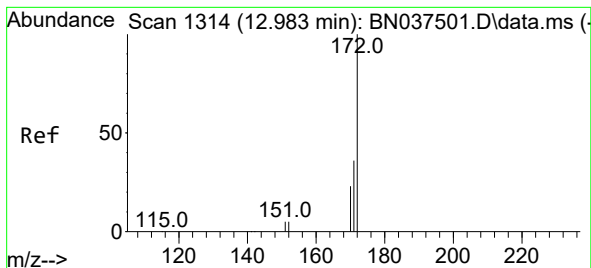
Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

141 44.3 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.375 ng

RT: 12.978 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037560.D

Acq: 05 Aug 2025 10:11

Instrument :

BNA_N

ClientSampleId :

PB169094BL

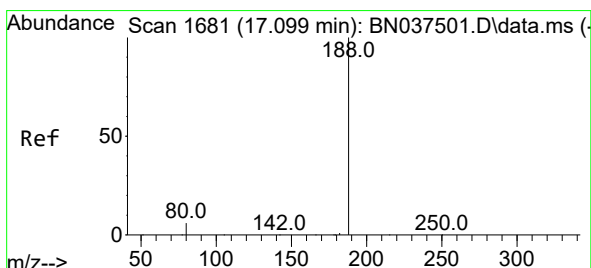
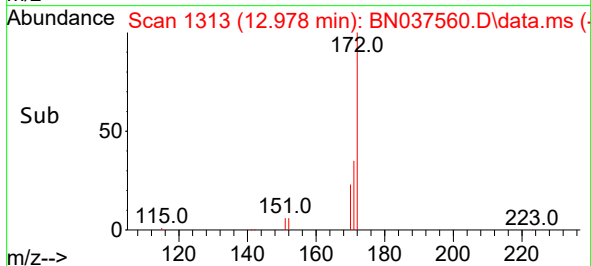
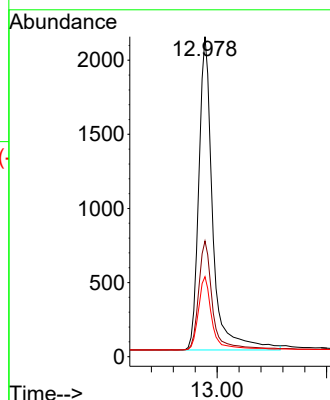
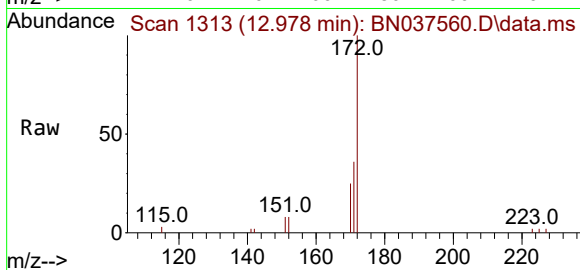
Tgt Ion:172 Resp: 5082

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

170 25.0 19.4 29.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1680

Delta R.T. -0.013 min

Lab File: BN037560.D

Acq: 05 Aug 2025 10:11

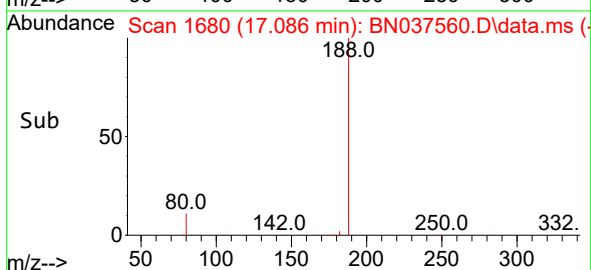
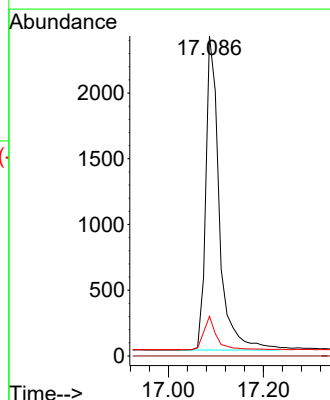
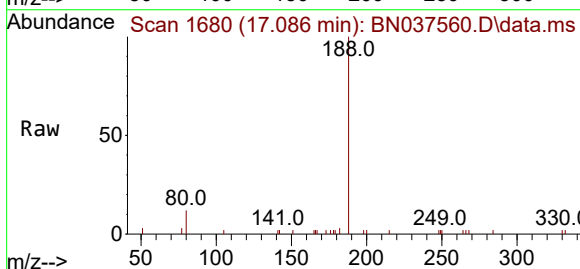
Tgt Ion:188 Resp: 4745

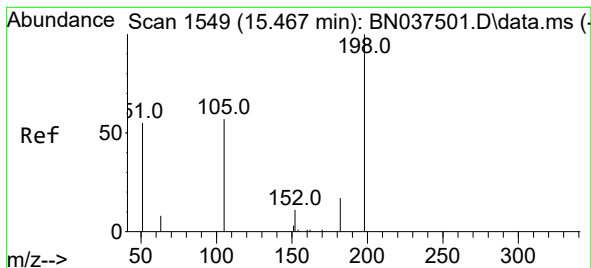
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 6.0 9.0#

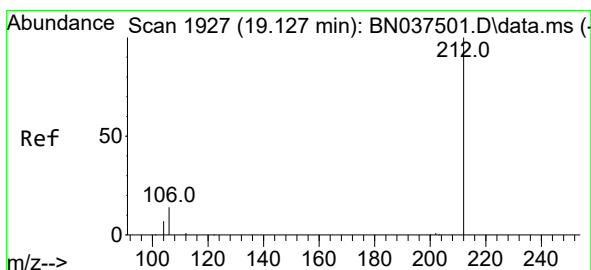
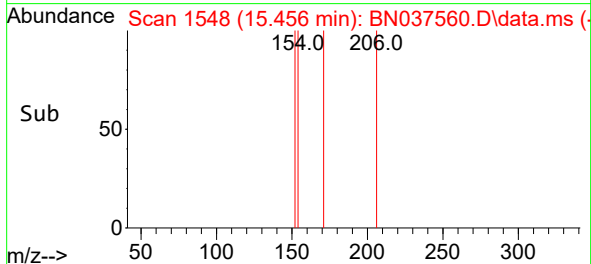
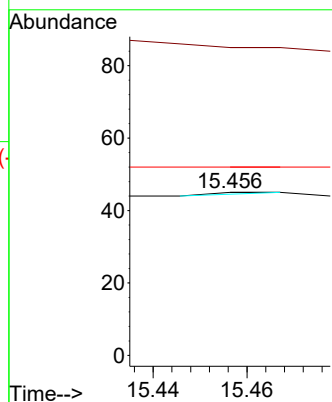
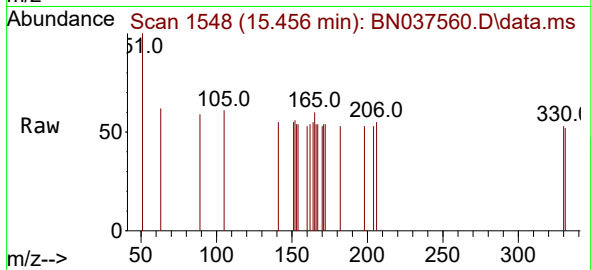




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.456 min Scan# 1548
Delta R.T. -0.011 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11

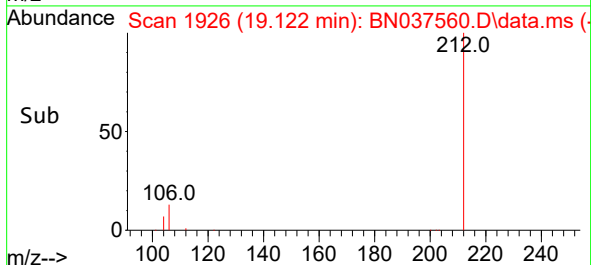
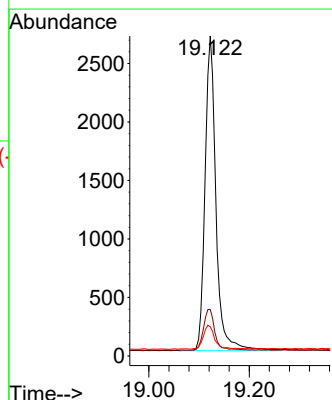
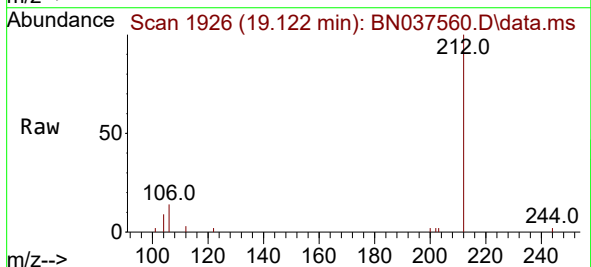
Instrument :
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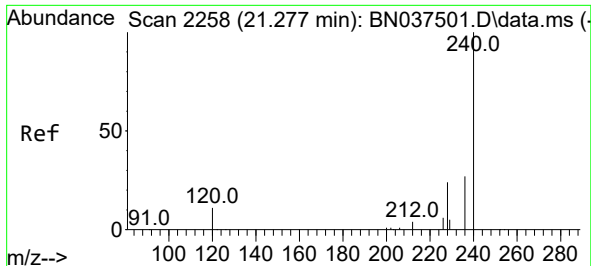
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 188.9 88.5 132.7#
105 115.6 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11

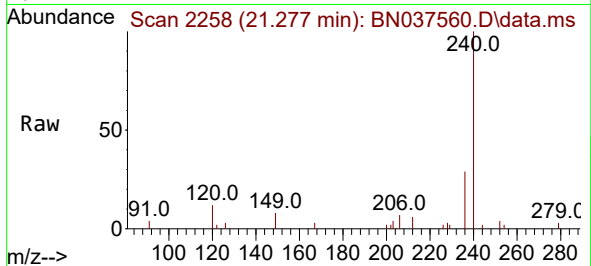
Tgt Ion:212 Resp: 4065
Ion Ratio Lower Upper
212 100
106 13.2 12.2 18.4
104 7.7 6.7 10.1



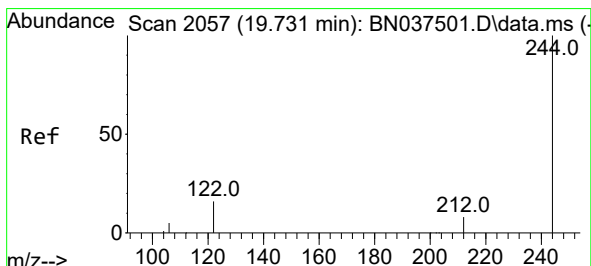
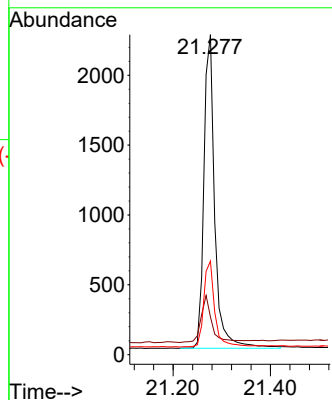
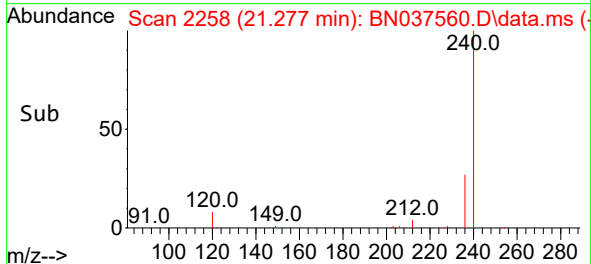


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11

Instrument :
BNA_N
ClientSampleId :
PB169094BL

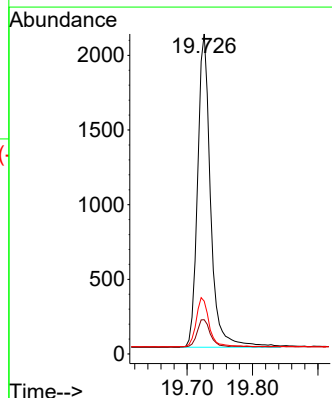
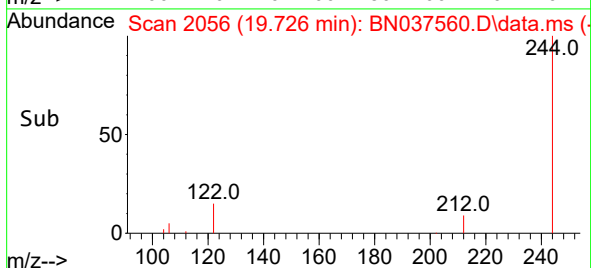
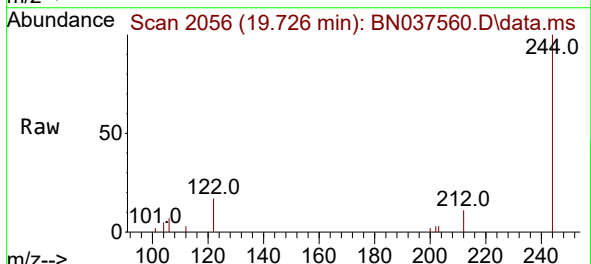


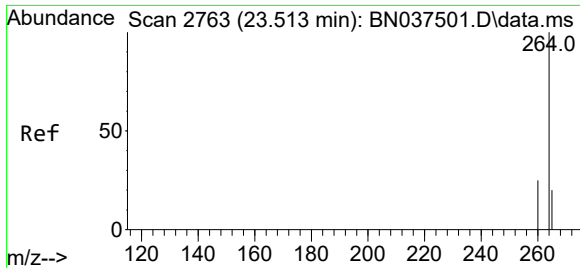
Tgt Ion:240 Resp: 3478
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 29.2 22.6 33.8



#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11

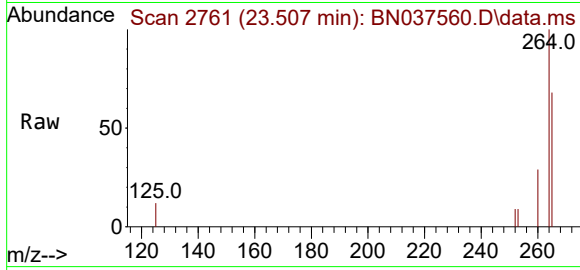
Tgt Ion:244 Resp: 2893
Ion Ratio Lower Upper
244 100
212 10.7 7.4 11.2
122 16.5 13.6 20.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037560.D
Acq: 05 Aug 2025 10:11

Instrument :
BNA_N
ClientSampleId :
PB169094BL



Tgt Ion:264 Resp: 3099
Ion Ratio Lower Upper
264 100
260 29.4 21.2 31.8
265 68.4 40.4 60.6#

