

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
 Data File : BN037561.D
 Acq On : 05 Aug 2025 10:47
 Operator : RC/JU
 Sample : Q2745-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250731

Quant Time: Aug 06 01:38:36 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)

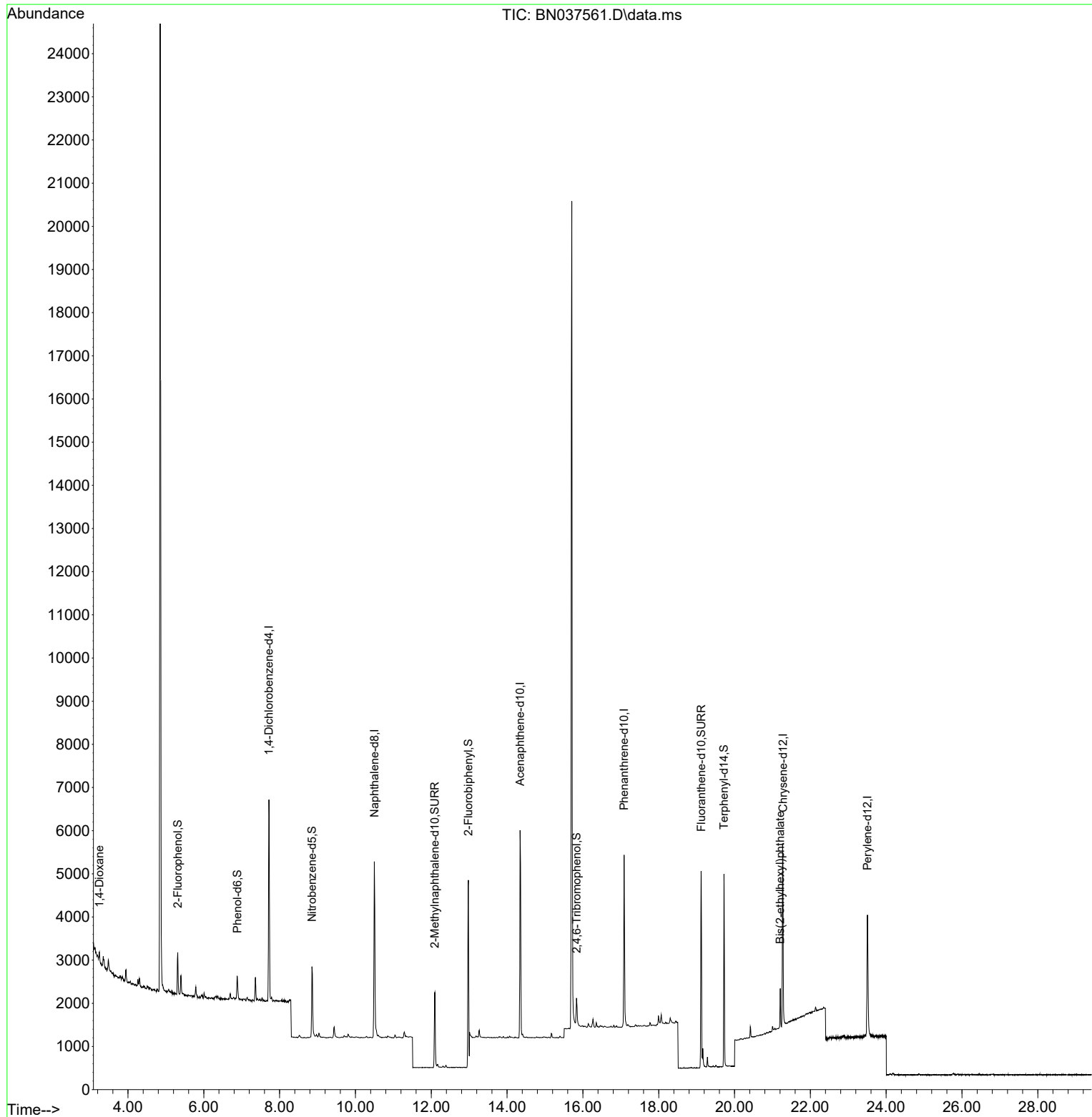
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2323	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5684	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2801	0.400	ng	-0.01
19) Phenanthrene-d10	17.087	188	5308	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	4328	0.400	ng	0.00
35) Perylene-d12	23.508	264	3857	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	750	0.131	ng	0.00
5) Phenol-d6	6.887	99	512	0.071	ng	0.00
8) Nitrobenzene-d5	8.854	82	1446	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	2581	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	372	0.270	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	5578	0.383	ng	0.00
27) Fluoranthene-d10	19.123	212	5300	0.377	ng	0.00
31) Terphenyl-d14	19.722	244	4229	0.455	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	130	0.058	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.205	149	801	0.117	ng	99

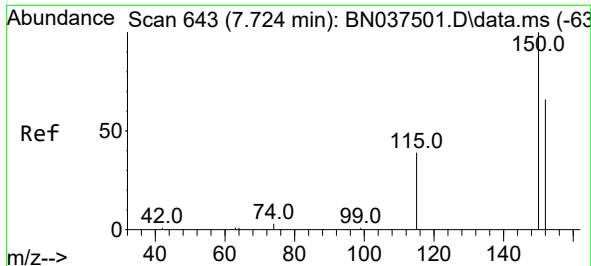
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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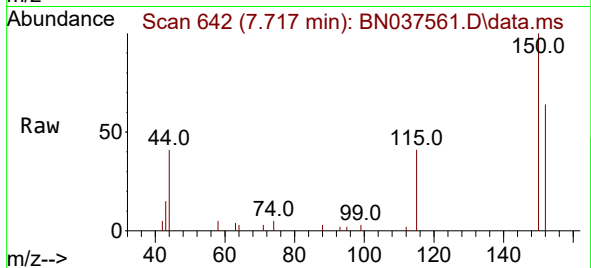
Quant Time: Aug 06 01:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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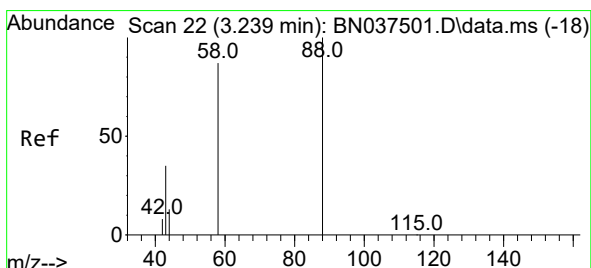
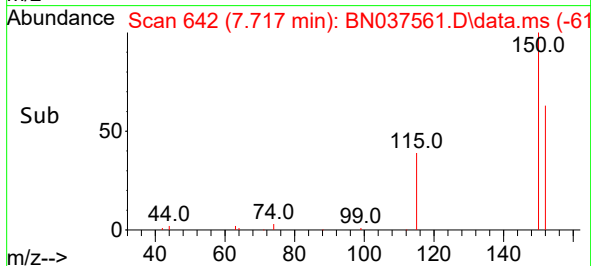
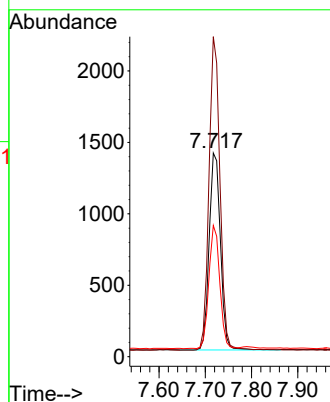


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250731

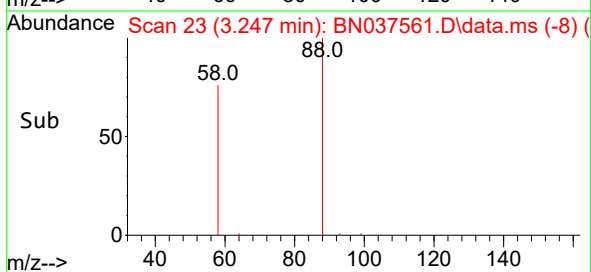
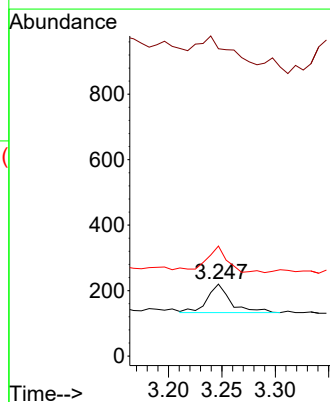
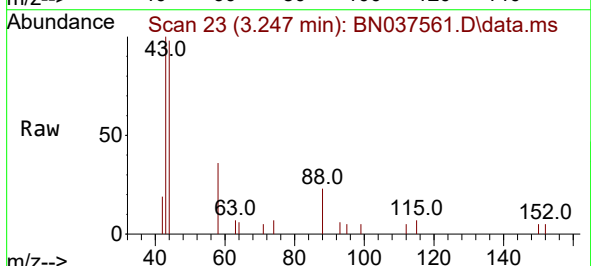


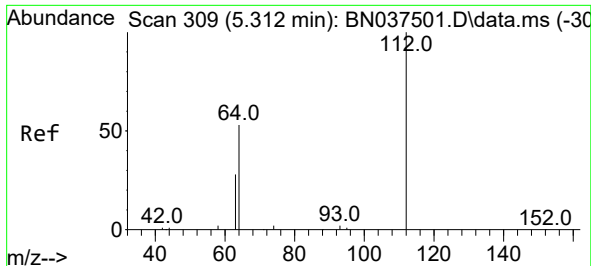
Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 64.4 49.1 73.7



#2
1,4-Dioxane
Concen: 0.058 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.007 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
43 129.2 27.5 41.3#
58 74.6 62.7 94.1

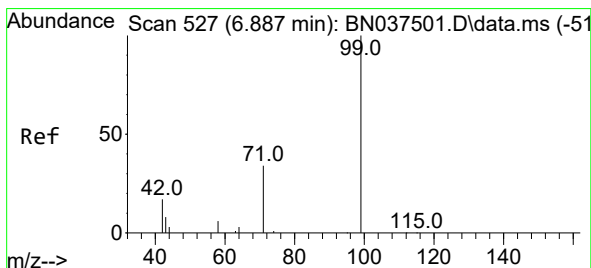
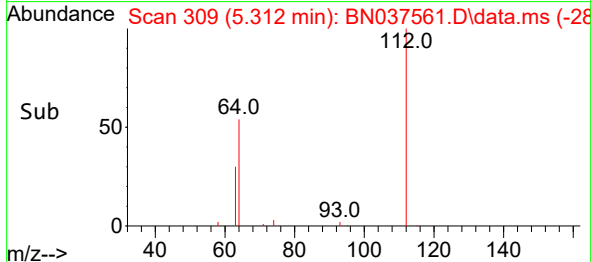
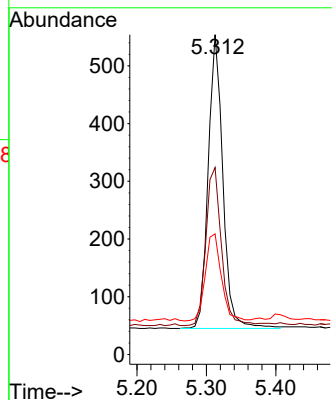
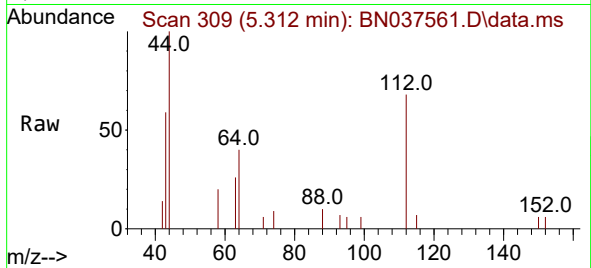




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

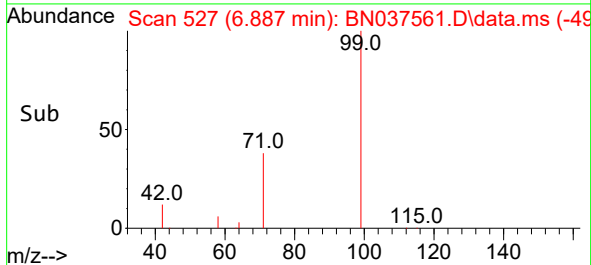
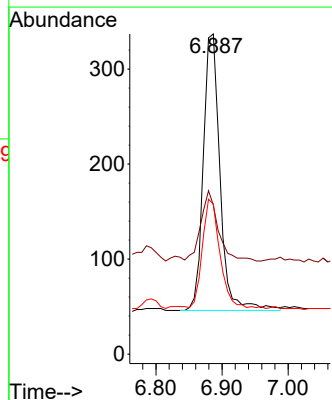
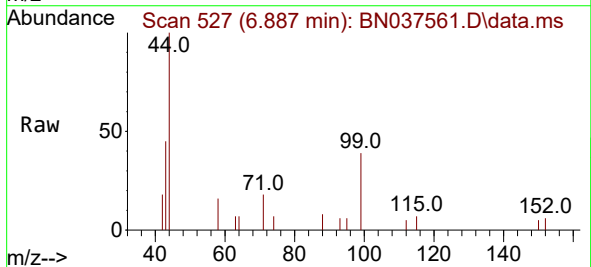
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250731

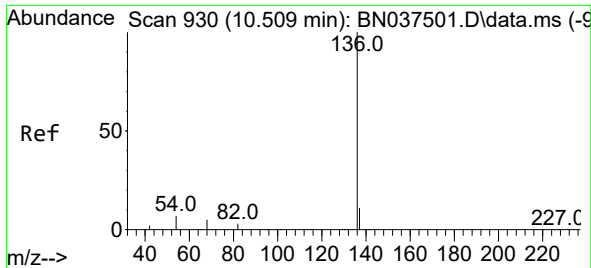
Tgt Ion:112 Resp: 750
Ion Ratio Lower Upper
112 100
64 56.9 45.1 67.7
63 32.1 23.8 35.8



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion: 99 Resp: 512
Ion Ratio Lower Upper
99 100
42 26.8 17.1 25.7#
71 41.6 27.8 41.8

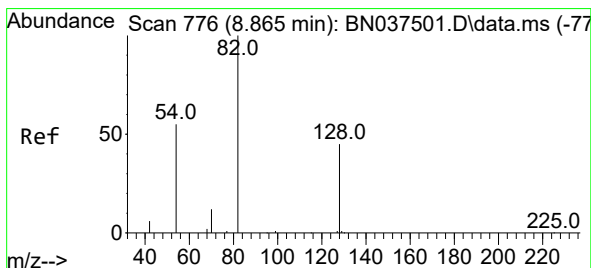
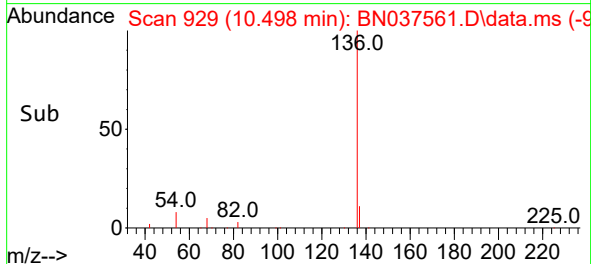
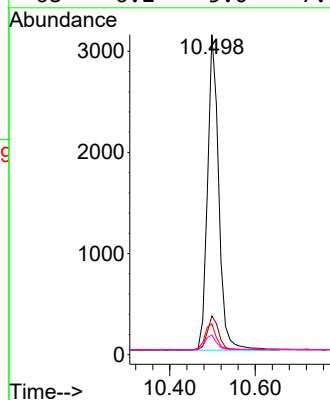
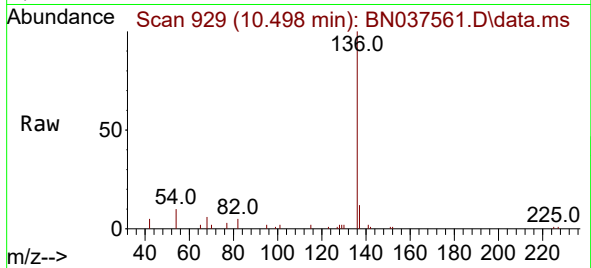




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

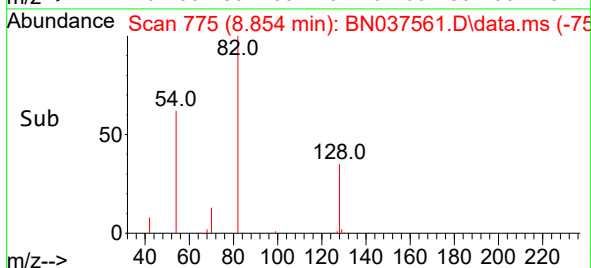
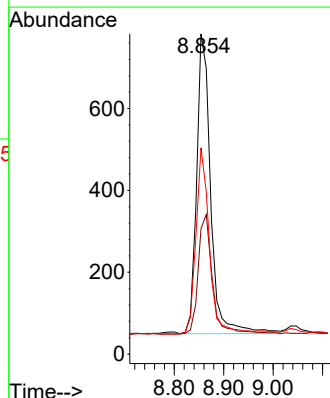
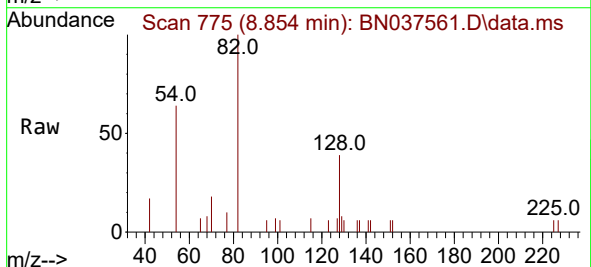
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250731

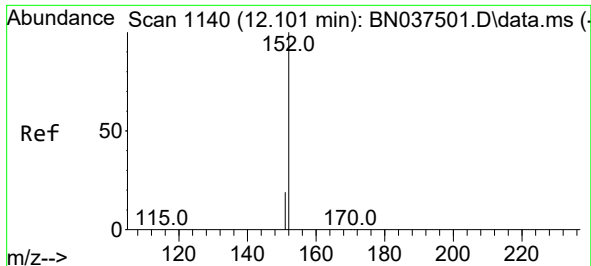
Tgt Ion:	136	Resp:	5684
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	9.7	6.6	9.8
68	6.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.011 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:	82	Resp:	1446
Ion	Ratio	Lower	Upper
82	100		
128	39.3	37.5	56.3
54	64.5	45.3	67.9





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.091 min Scan# 1140

Delta R.T. -0.010 min

Lab File: BN037561.D

Acq: 05 Aug 2025 10:47

Instrument :

BNA_N

ClientSampleId :

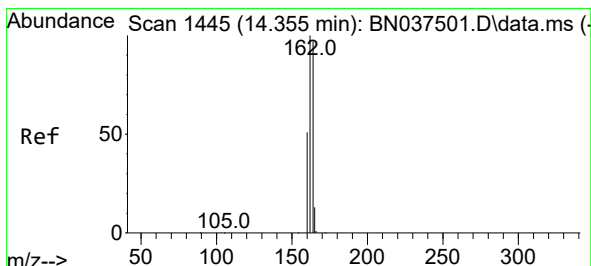
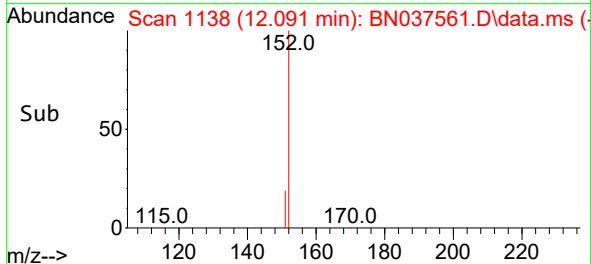
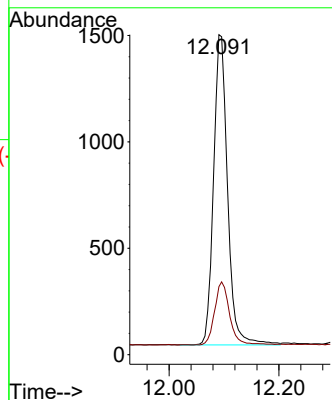
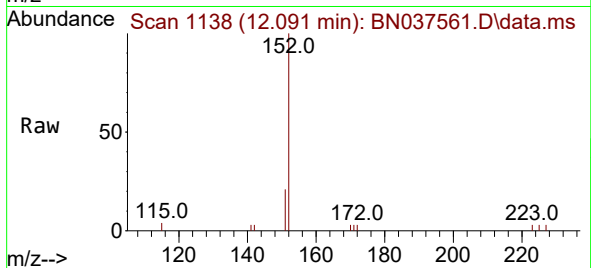
RW8-SP100-20250731

Tgt Ion:152 Resp: 2581

Ion Ratio Lower Upper

152 100

151 21.8 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: BN037561.D

Acq: 05 Aug 2025 10:47

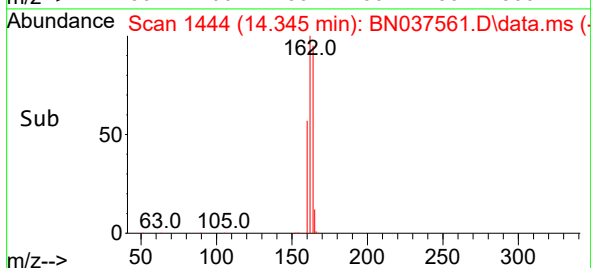
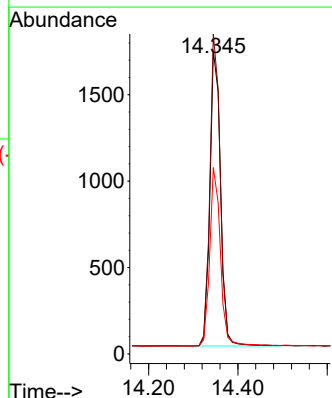
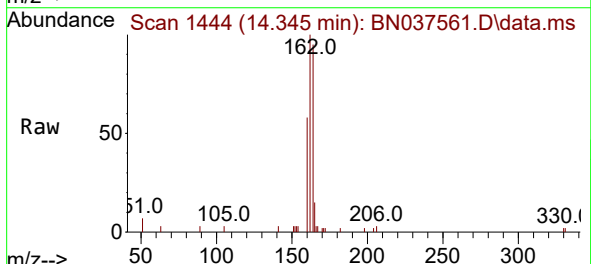
Tgt Ion:164 Resp: 2801

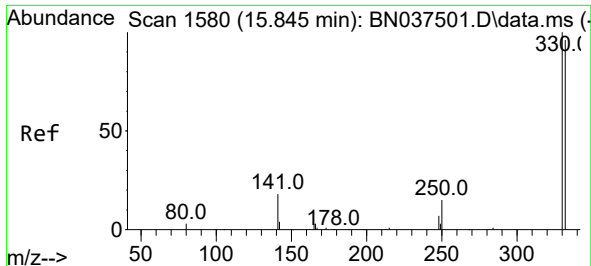
Ion Ratio Lower Upper

164 100

162 105.6 82.0 123.0

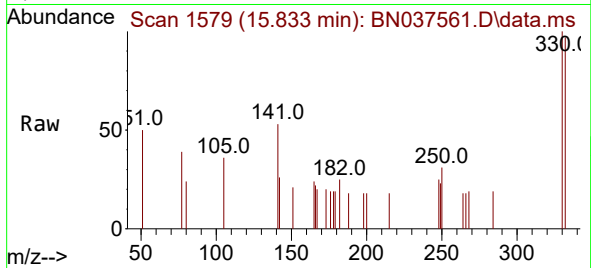
160 61.5 42.4 63.6



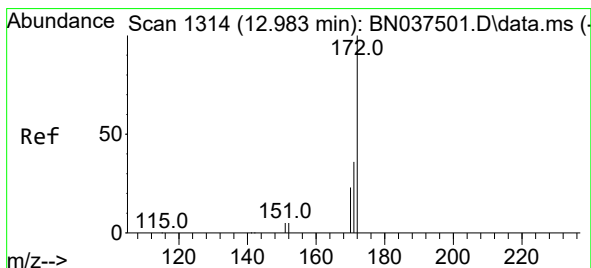
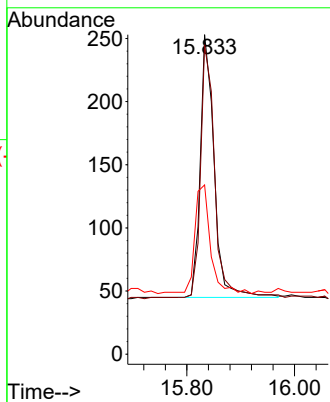
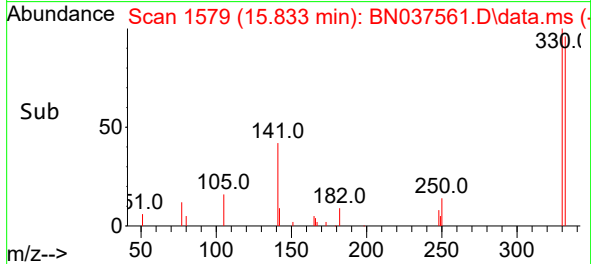


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250731

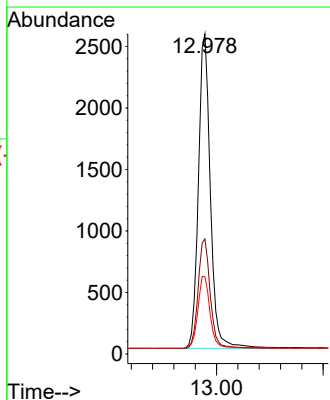
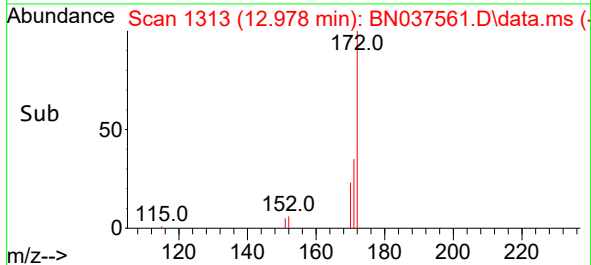
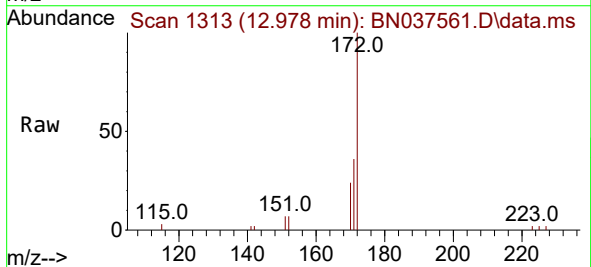


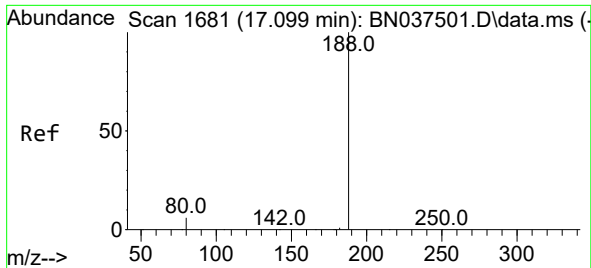
Tgt Ion:330 Resp: 372
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 46.8 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:172 Resp: 5578
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.2
170 24.1 19.4 29.0

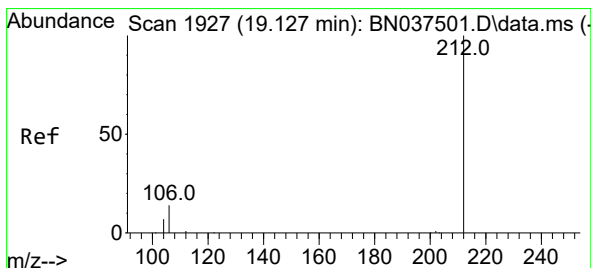
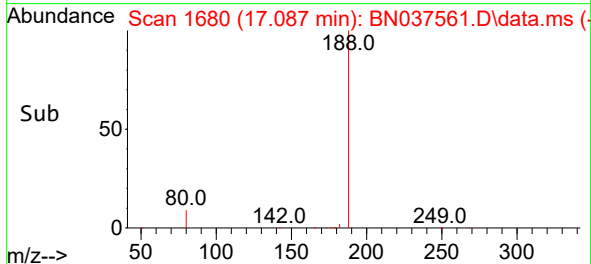
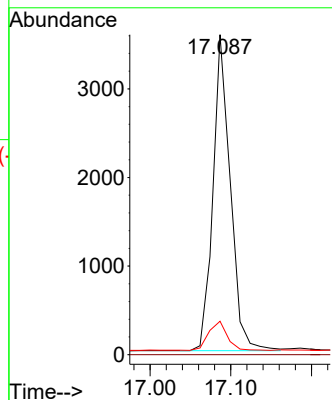
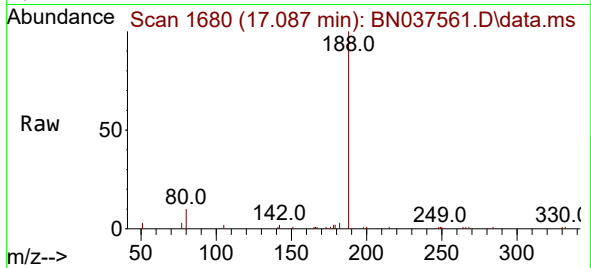




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

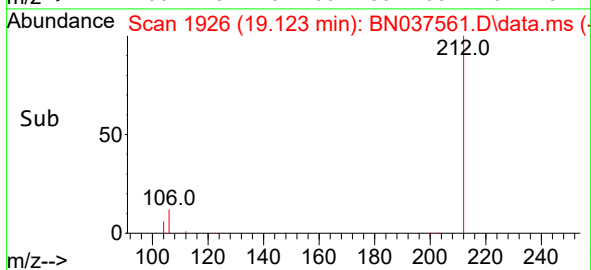
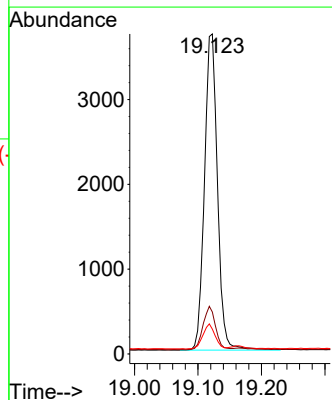
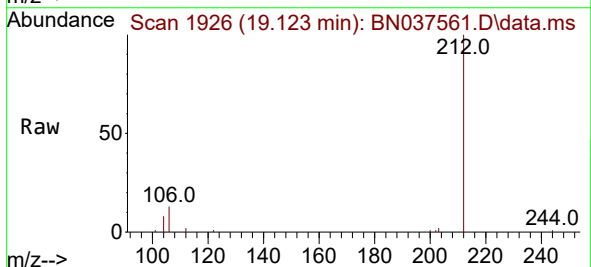
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250731

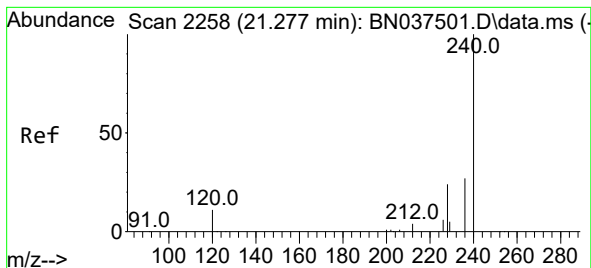
Tgt Ion:188 Resp: 5308
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 6.0 9.0#



#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:212 Resp: 5300
Ion Ratio Lower Upper
212 100
106 13.2 12.2 18.4
104 7.5 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: BN037561.D

Acq: 05 Aug 2025 10:47

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250731

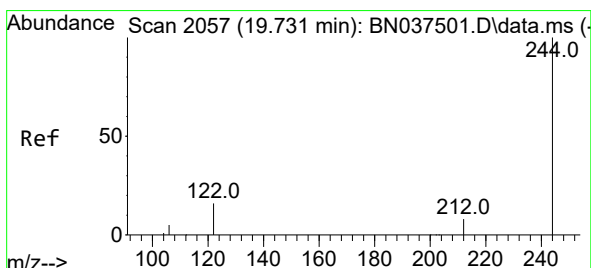
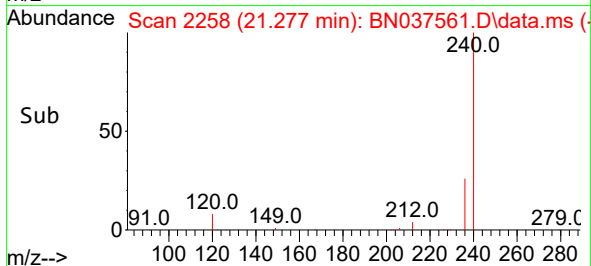
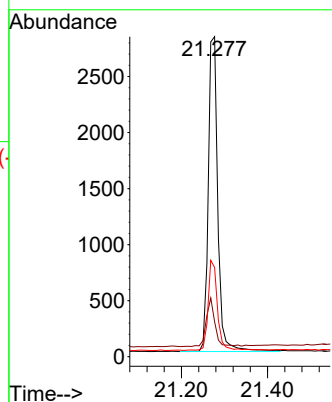
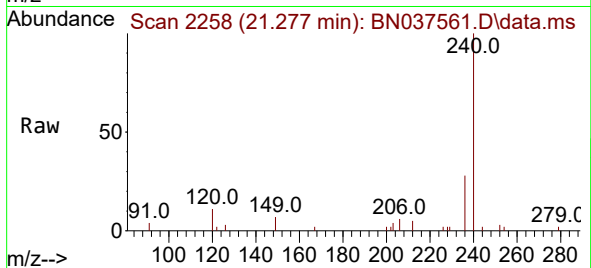
Tgt Ion:240 Resp: 4328

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

236 27.9 22.6 33.8



#31

Terphenyl-d14

Concen: 0.455 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.009 min

Lab File: BN037561.D

Acq: 05 Aug 2025 10:47

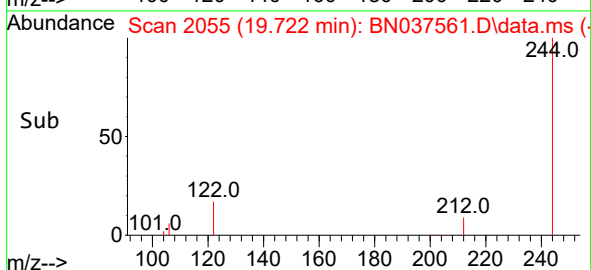
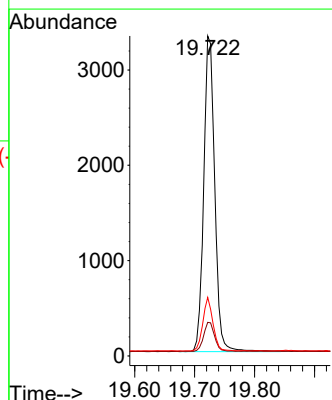
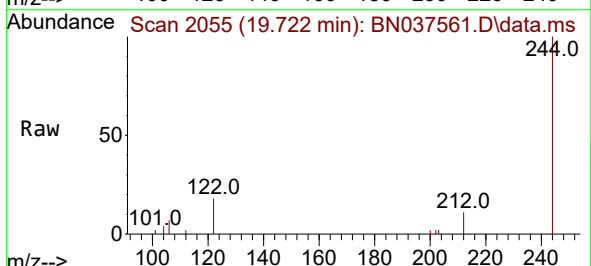
Tgt Ion:244 Resp: 4229

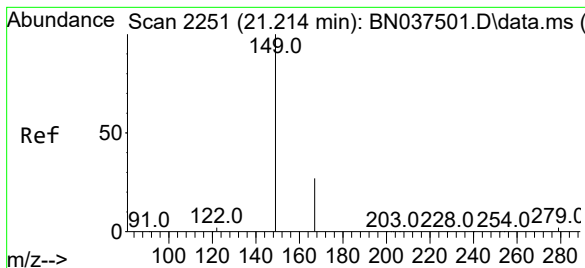
Ion Ratio Lower Upper

244 100

212 10.5 7.4 11.2

122 18.3 13.6 20.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.117 ng

RT: 21.205 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037561.D

Acq: 05 Aug 2025 10:47

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250731

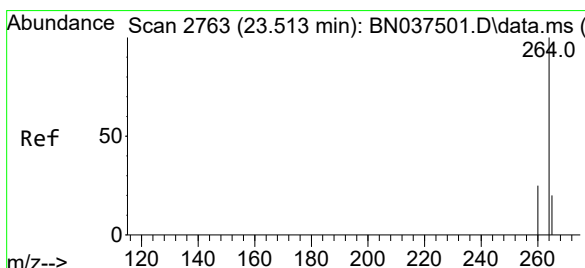
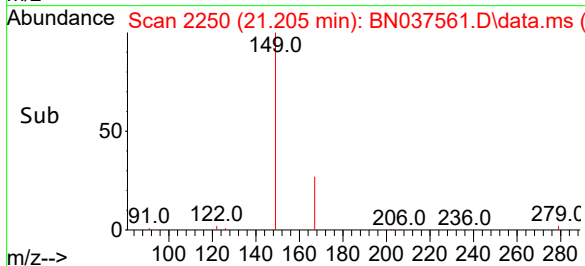
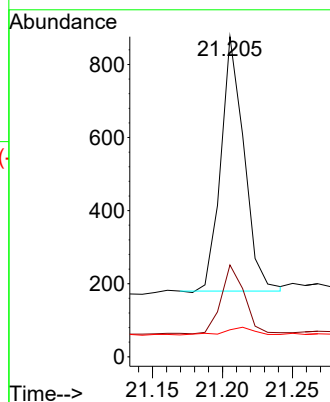
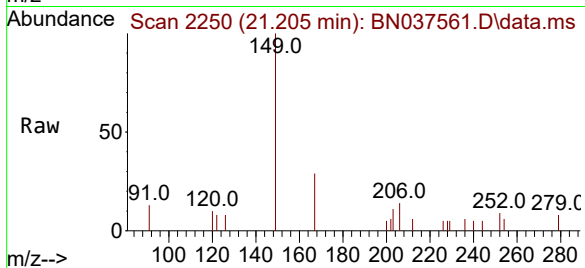
Tgt Ion:149 Resp: 801

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.7 3.0 4.4



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.508 min Scan# 2761

Delta R.T. -0.006 min

Lab File: BN037561.D

Acq: 05 Aug 2025 10:47

Tgt Ion:264 Resp: 3857

Ion Ratio Lower Upper

264 100

260 27.4 21.2 31.8

265 55.7 40.4 60.6

