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 Data File : BN037637.D  
 Acq On : 20 Aug 2025 19:22  
 Operator : RC/JU  
 Sample : Q2885-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP100-20250814

Quant Time: Aug 21 04:57:36 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

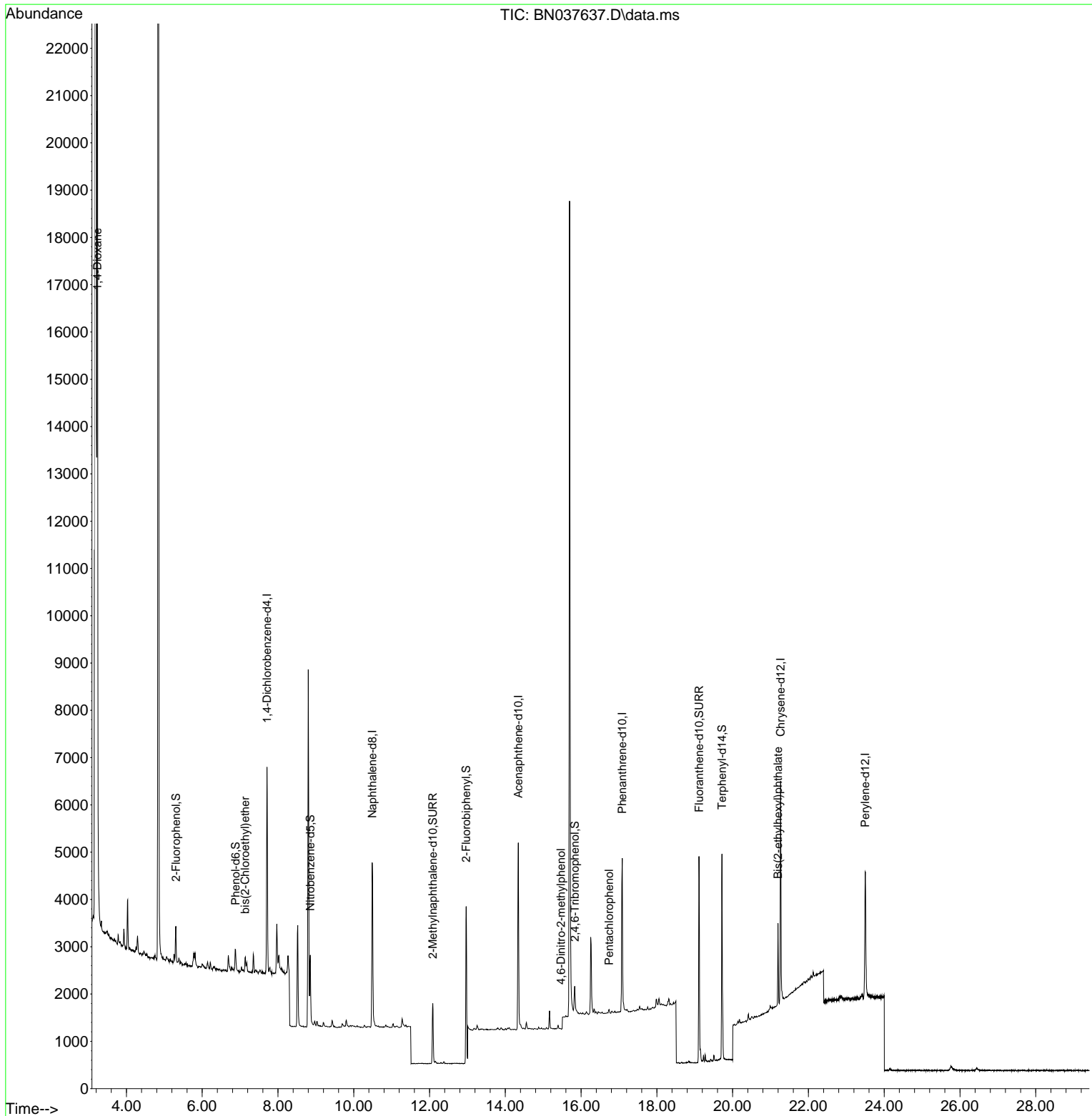
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)	
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2105	0.400 ng	0.00	
7) Naphthalene-d8	10.487	136	4906	0.400 ng	#-0.01	
13) Acenaphthene-d10	14.345	164	2332	0.400 ng	0.00	
19) Phenanthrene-d10	17.086	188	5055	0.400 ng	# 0.00	
29) Chrysene-d12	21.268	240	4261	0.400 ng	# 0.00	
35) Perylene-d12	23.499	264	3736	0.400 ng	# 0.00	
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	631	0.132 ng	0.00	
5) Phenol-d6	6.879	99	426	0.074 ng	0.00	
8) Nitrobenzene-d5	8.854	82	1237	0.358 ng	0.00	
11) 2-Methylnaphthalene-d10	12.085	152	1861	0.279 ng	0.00	
14) 2,4,6-Tribromophenol	15.833	330	371	0.364 ng	0.00	
15) 2-Fluorobiphenyl	12.968	172	4388	0.325 ng	-0.01	
27) Fluoranthene-d10	19.113	212	4911	0.369 ng	0.00	
31) Terphenyl-d14	19.717	244	3906	0.446 ng	0.00	
Target Compounds						
2) 1,4-Dioxane	3.232	88	11309	5.615 ng	98	Qvalue
6) bis(2-Chloroethyl)ether	7.132	93	200	0.039 ng	# 78	
20) 4,6-Dinitro-2-methylph...	15.467	198	6	0.187 ng	# 1	
24) Pentachlorophenol	16.739	266	55	0.035 ng	96	
34) Bis(2-ethylhexyl)phtha...	21.196	149	1455	0.248 ng	97	

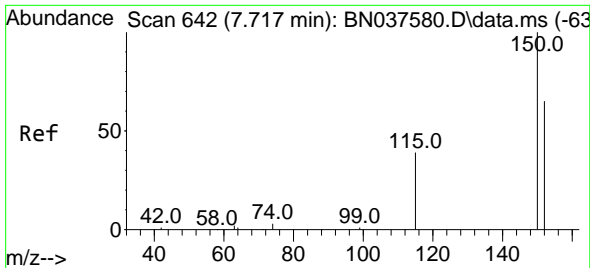
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082025\  
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 RW5-SP100-20250814

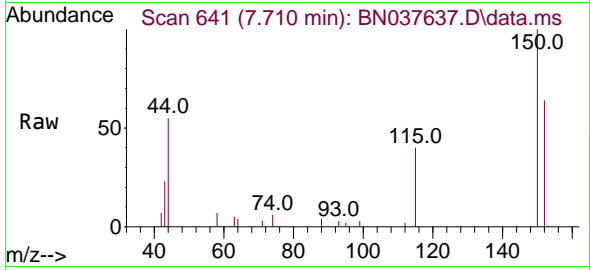
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration



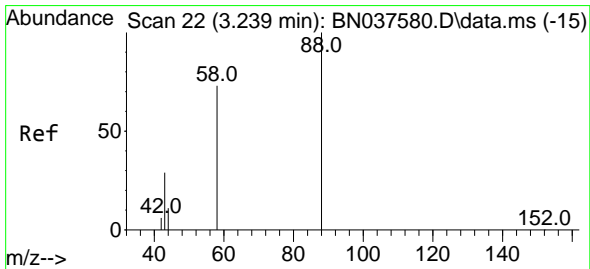
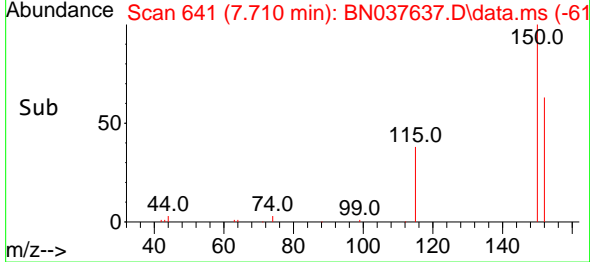
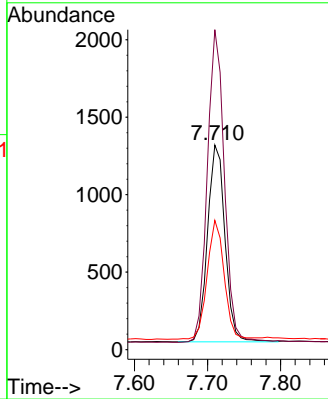


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.710 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP100-20250814

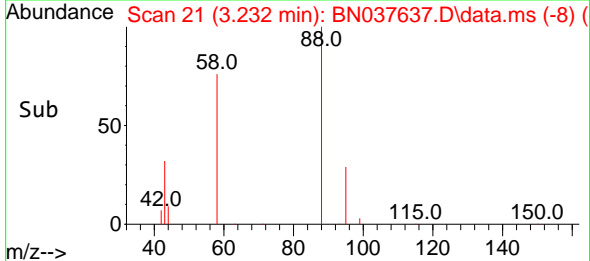
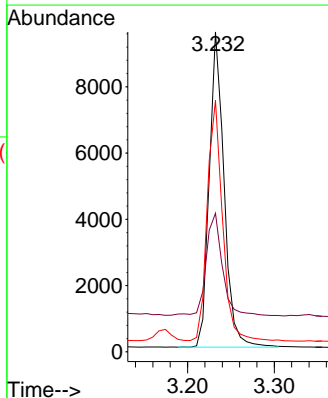
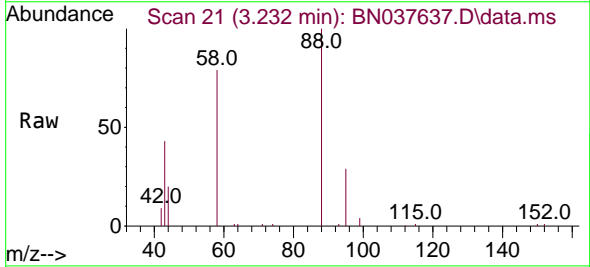


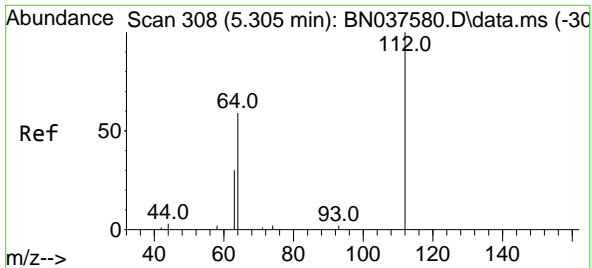
Tgt Ion:152 Resp: 2105  
 Ion Ratio Lower Upper  
 152 100  
 150 156.4 122.2 183.4  
 115 63.1 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 5.615 ng  
 RT: 3.232 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion: 88 Resp: 11309  
 Ion Ratio Lower Upper  
 88 100  
 43 35.1 25.8 38.6  
 58 77.6 61.2 91.8

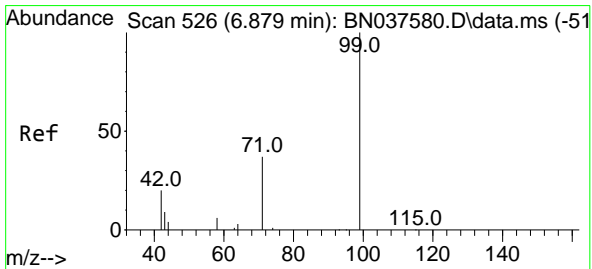
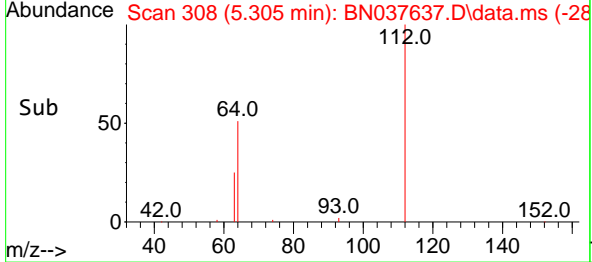
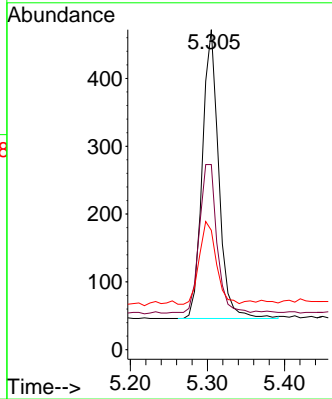
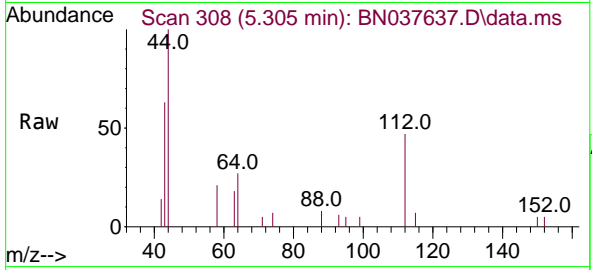




#4  
 2-Fluorophenol  
 Concen: 0.132 ng  
 RT: 5.305 min Scan# 308  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

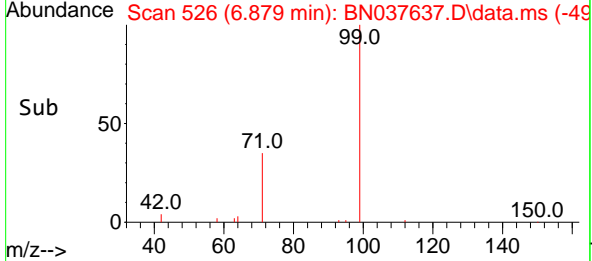
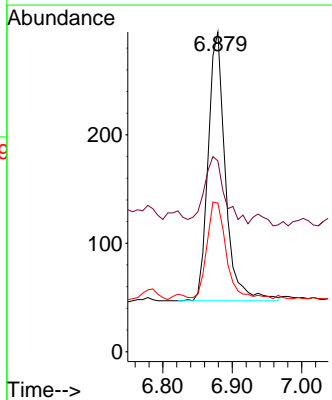
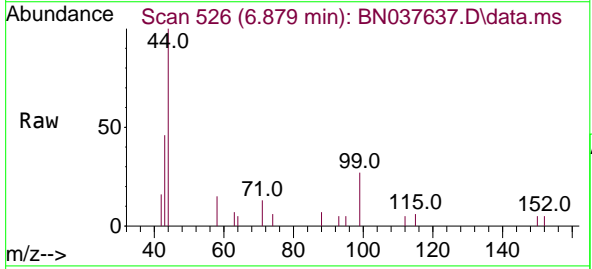
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 ClientSampleId :  
 RW5-SP100-20250814

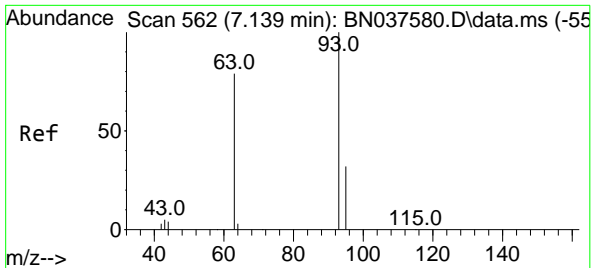
Tgt Ion	Resp	Lower	Upper
112	100		
64	55.0	44.9	67.3
63	29.5	23.4	35.2



#5  
 Phenol-d6  
 Concen: 0.074 ng  
 RT: 6.879 min Scan# 526  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion	Resp	Lower	Upper
99	100		
42	29.1	18.5	27.7#
71	39.9	28.6	42.8

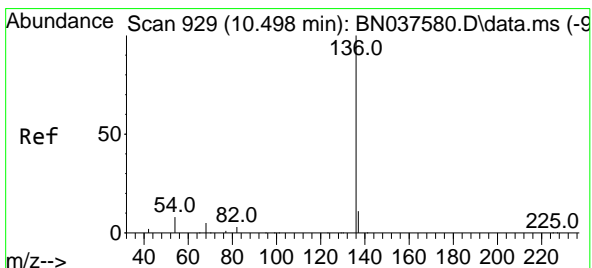
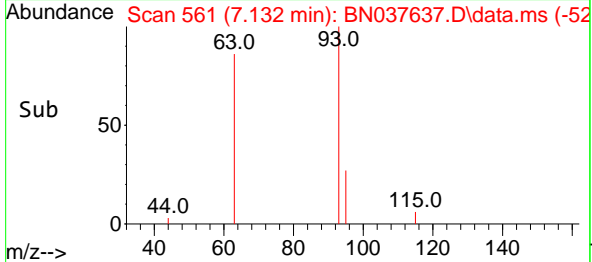
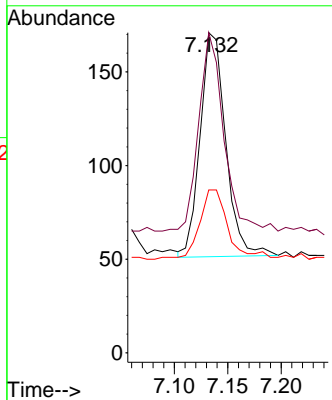
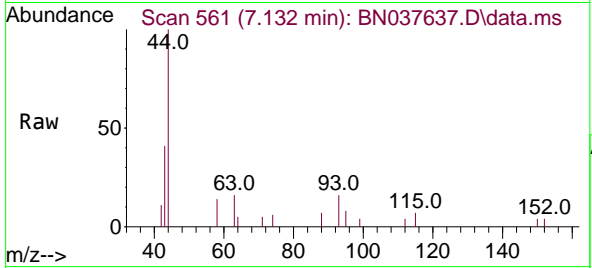




#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.039 ng  
 RT: 7.132 min Scan# 561  
 Delta R.T. -0.007 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

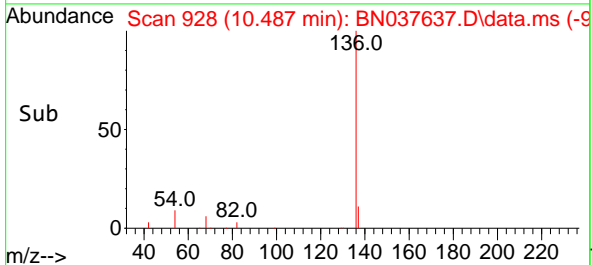
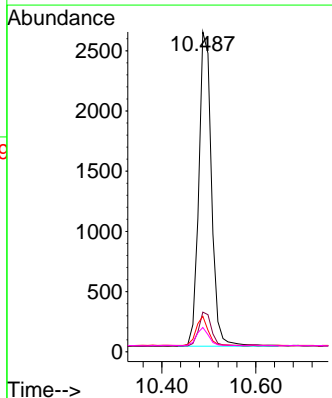
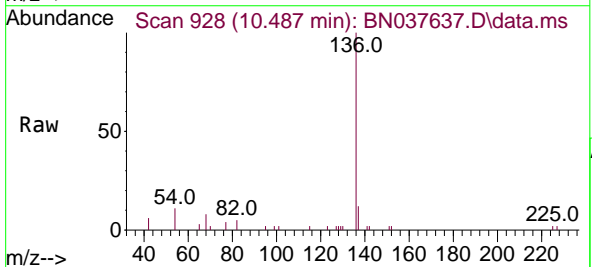
Instrument : BNA\_N  
 ClientSampleId : RW5-SP100-20250814

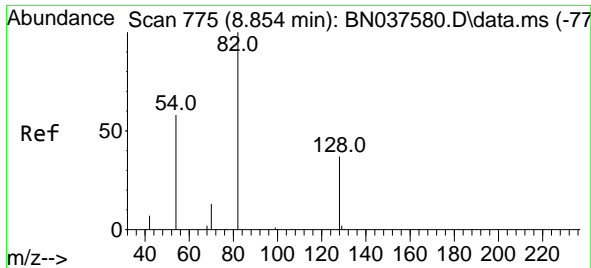
Tgt Ion	Resp	Lower	Upper
93	100		
63	96.0	58.0	87.0#
95	34.5	24.9	37.3



#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.487 min Scan# 928  
 Delta R.T. -0.011 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion	Resp	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	11.1	7.3	10.9#
68	7.6	5.1	7.7

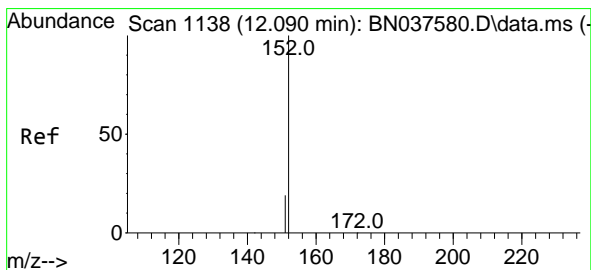
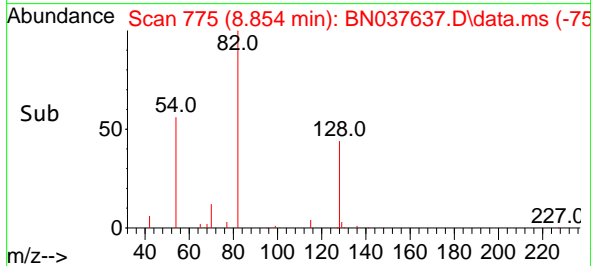
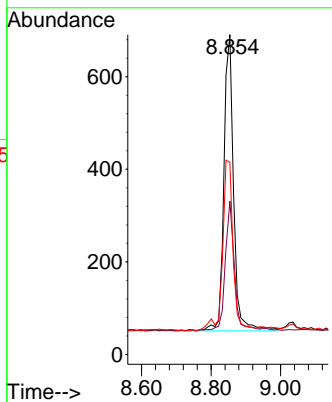
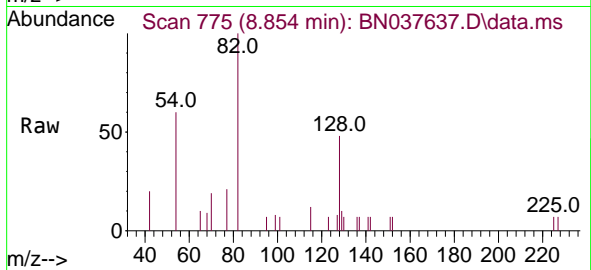




#8  
 Nitrobenzene-d5  
 Concen: 0.358 ng  
 RT: 8.854 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

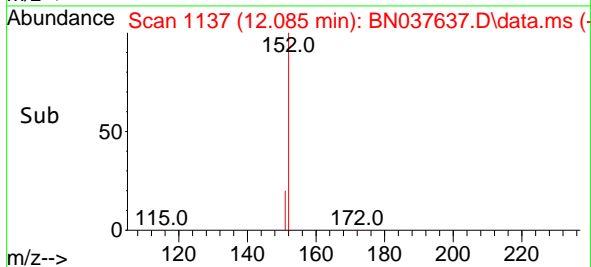
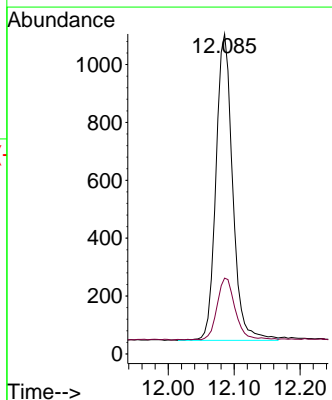
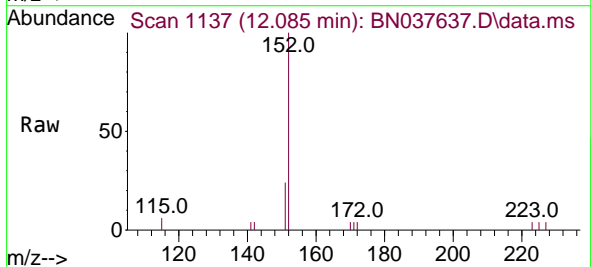
Instrument :  
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 ClientSampleId :  
 RW5-SP100-20250814

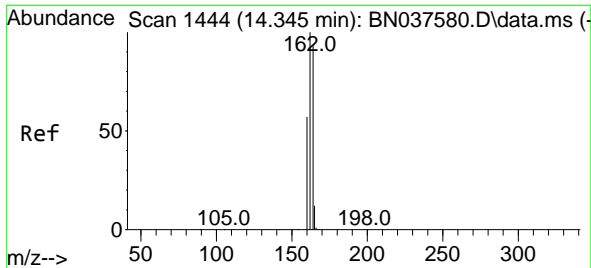
Tgt Ion	Resp	Lower	Upper
82	1237		
128	47.9	32.6	48.8
54	60.1	48.9	73.3



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.279 ng  
 RT: 12.085 min Scan# 1137  
 Delta R.T. -0.005 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion	Resp	Lower	Upper
152	1861		
151	21.9	17.3	25.9

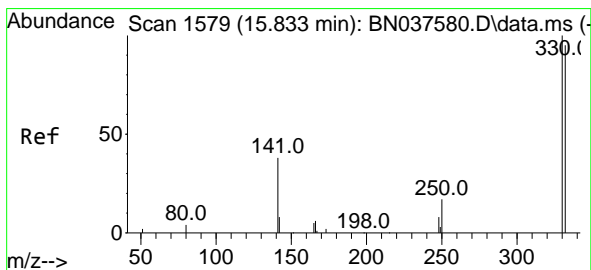
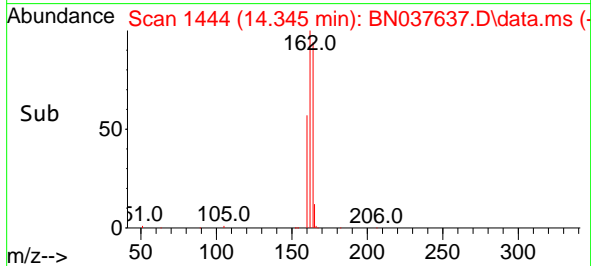
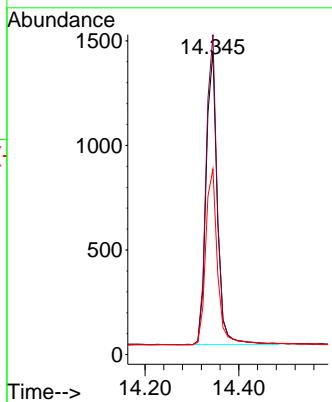
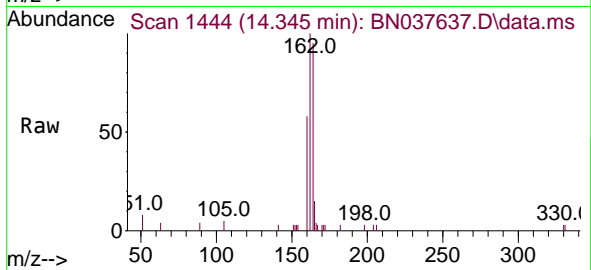




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.345 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

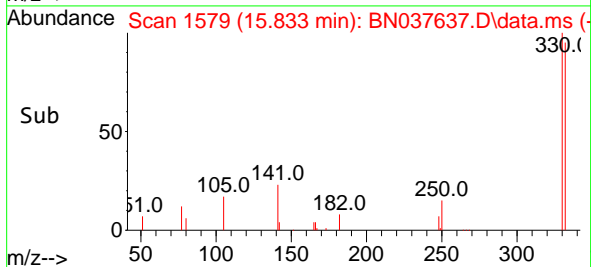
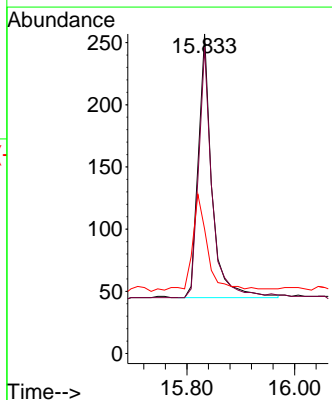
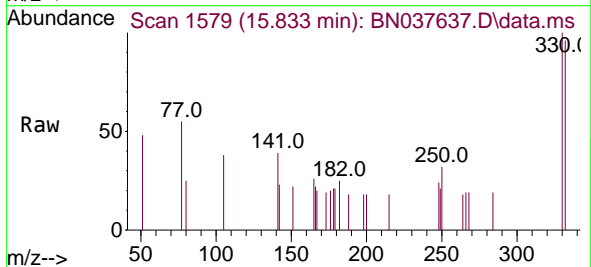
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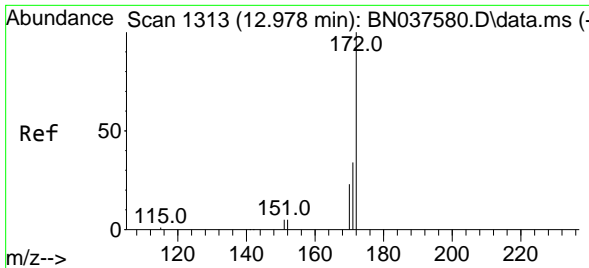
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.6	85.5	128.3
160	61.2	49.5	74.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.364 ng  
 RT: 15.833 min Scan# 1579  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.9	77.4	116.0
141	42.9	30.9	46.3



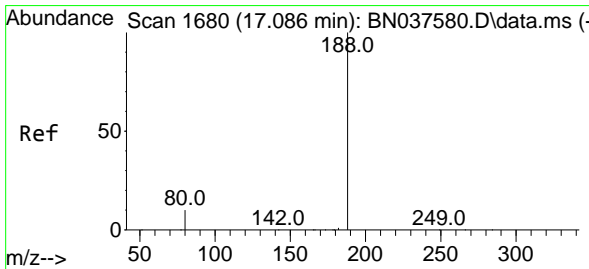
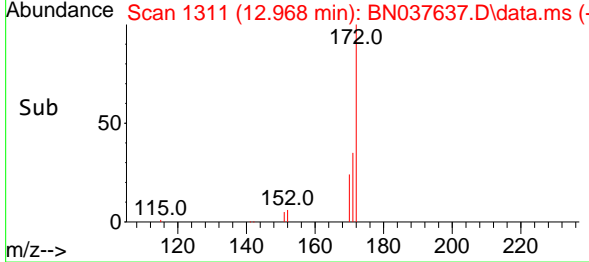
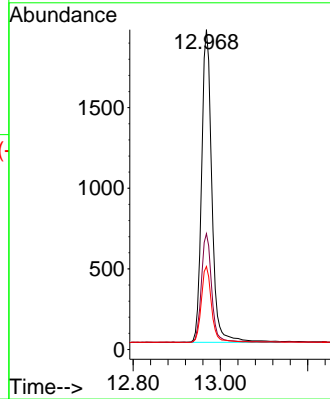
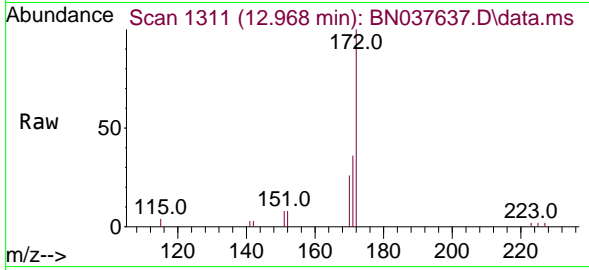


#15  
 2-Fluorobiphenyl  
 Concen: 0.325 ng  
 RT: 12.968 min Scan# 1311  
 Delta R.T. -0.010 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP100-20250814

Tgt Ion:172 Resp: 4388

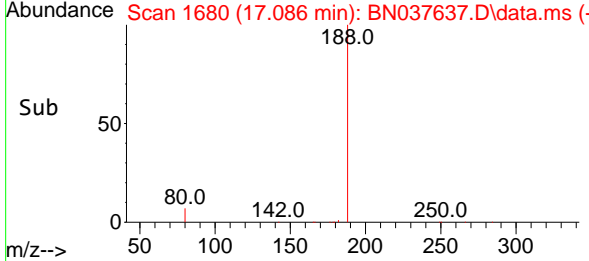
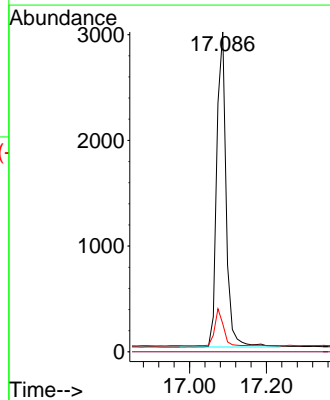
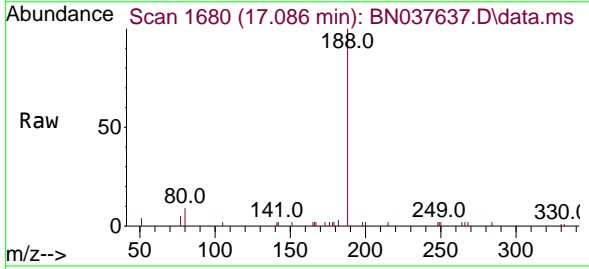
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	26.0	19.2	28.8



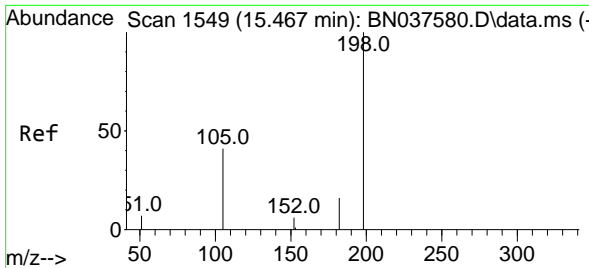
#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.086 min Scan# 1680  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion:188 Resp: 5055

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	9.1	13.7#



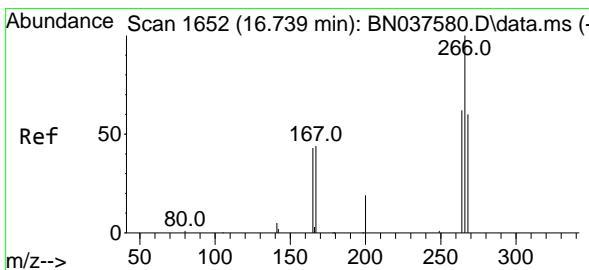
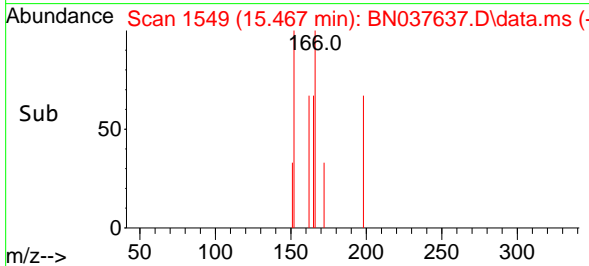
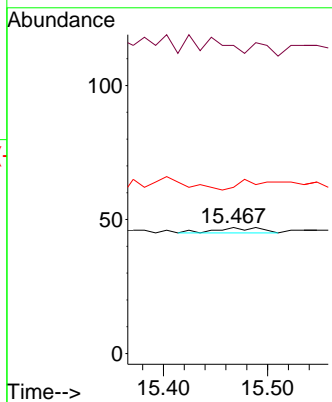
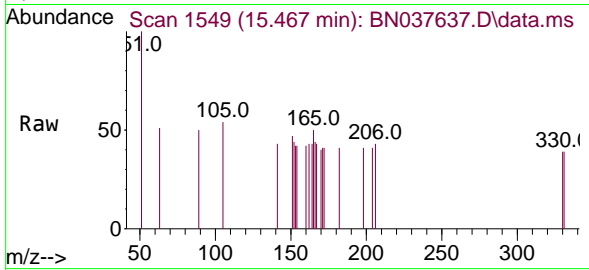




#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.187 ng  
 RT: 15.467 min Scan# 1549  
 Delta R.T. 0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

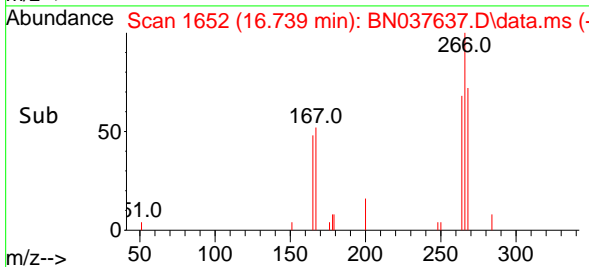
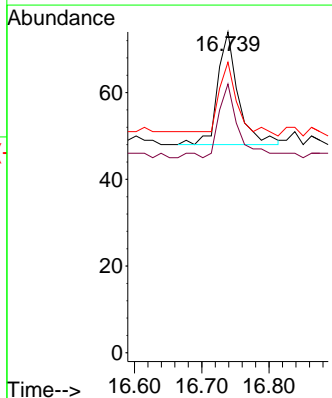
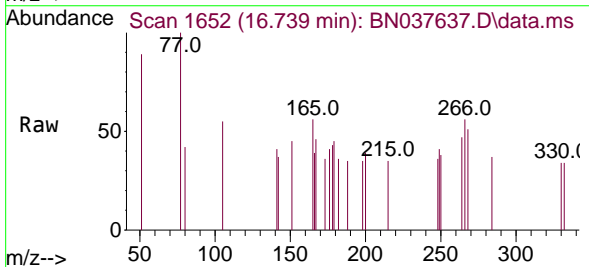
Instrument : BNA\_N  
 ClientSampleId : RW5-SP100-20250814

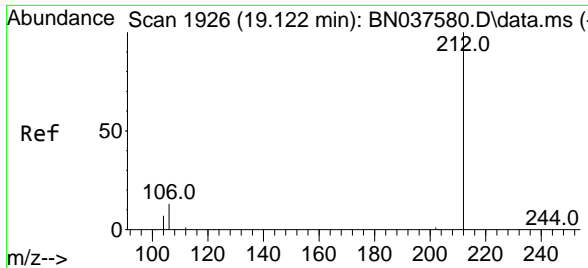
Tgt Ion	Resp	Lower	Upper
198	100		
51	244.7	81.0	121.6#
105	131.9	52.5	78.7#



#24  
 Pentachlorophenol  
 Concen: 0.035 ng  
 RT: 16.739 min Scan# 1652  
 Delta R.T. -0.000 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion	Resp	Lower	Upper
266	100		
264	67.3	49.6	74.4
268	60.0	49.2	73.8



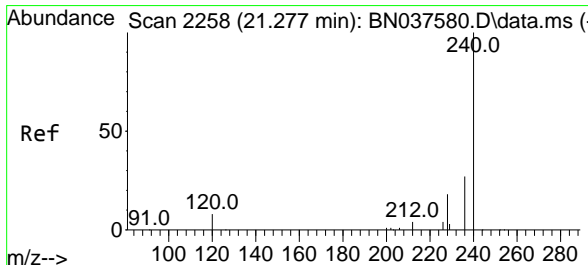
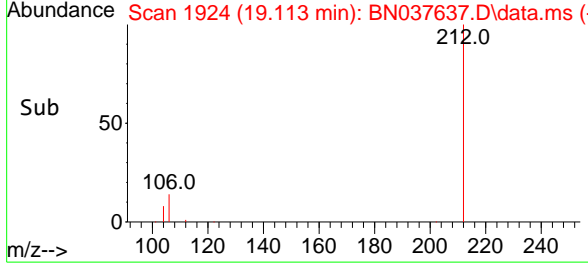
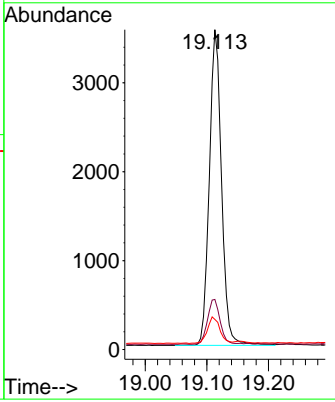
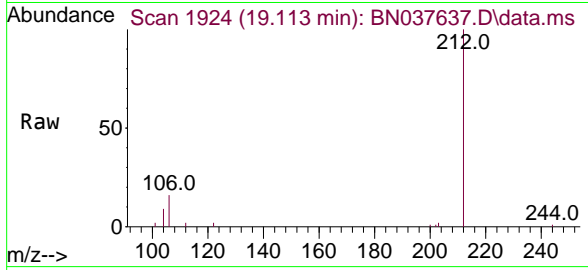


#27  
 Fluoranthene-d10  
 Concen: 0.369 ng  
 RT: 19.113 min Scan# 1913  
 Delta R.T. -0.009 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Instrument : BNA\_N  
 ClientSampleId : RW5-SP100-20250814

Tgt Ion: 212 Resp: 4911

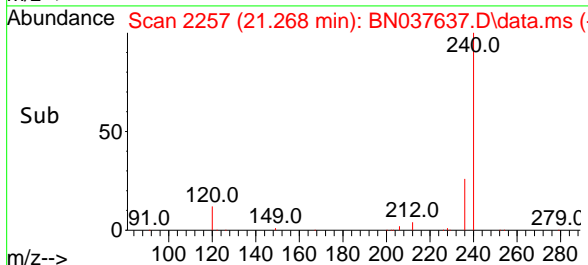
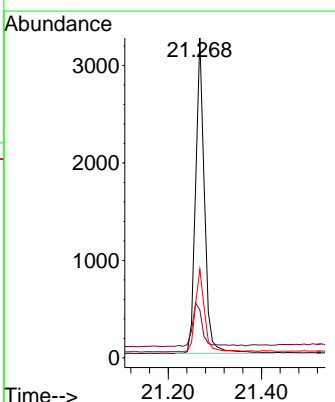
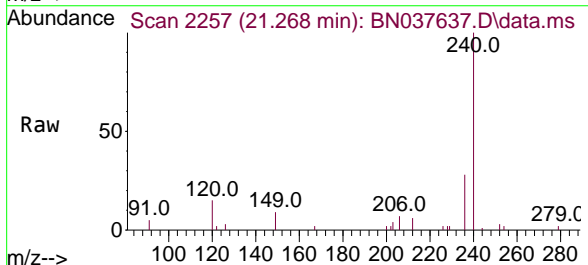
Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.5	17.3
104	8.5	6.6	9.8

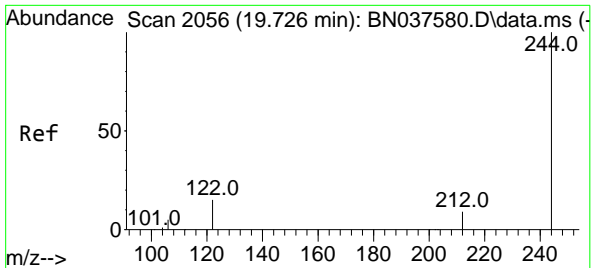


#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.268 min Scan# 2257  
 Delta R.T. -0.009 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion: 240 Resp: 4261

Ion	Ratio	Lower	Upper
240	100		
120	15.0	8.9	13.3
236	27.7	22.6	33.8



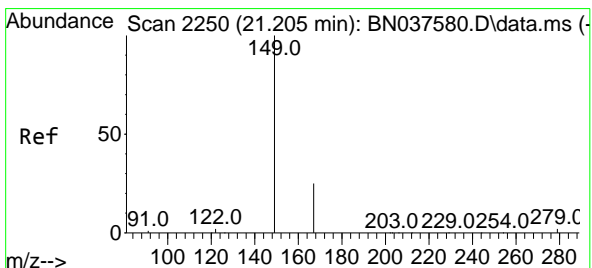
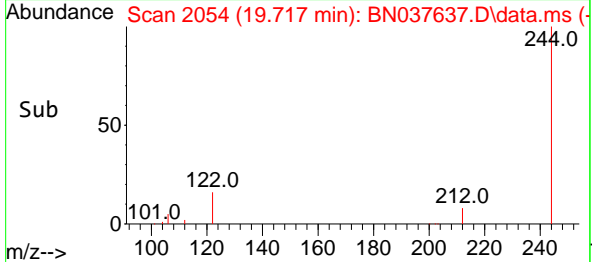
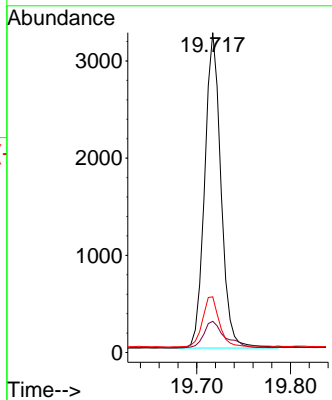
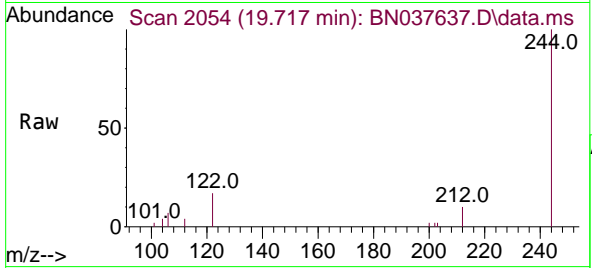


#31  
 Terphenyl-d14  
 Concen: 0.446 ng  
 RT: 19.717 min Scan# 2054  
 Delta R.T. -0.009 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Instrument : BNA\_N  
 ClientSampleId : RW5-SP100-20250814

Tgt Ion:244 Resp: 3906

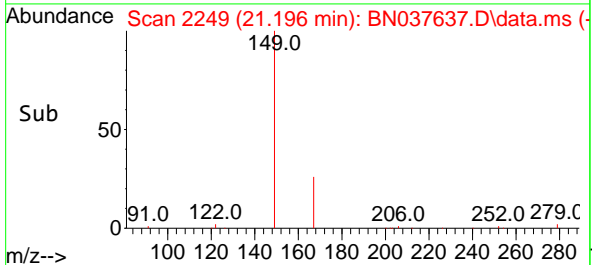
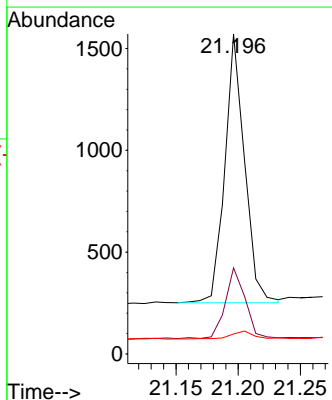
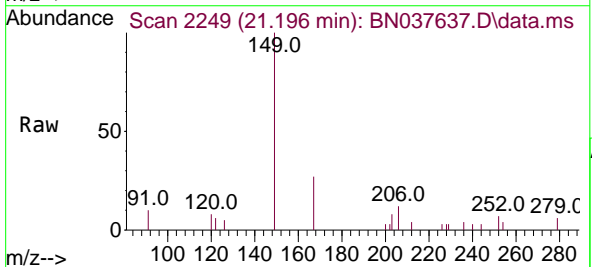
Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.2
122	17.4	13.2	19.8

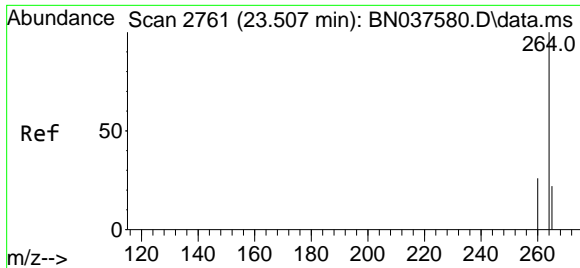


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.248 ng  
 RT: 21.196 min Scan# 2249  
 Delta R.T. -0.009 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Tgt Ion:149 Resp: 1455

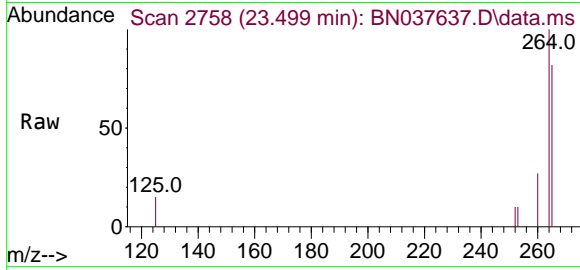
Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.5	30.7
279	3.3	2.6	4.0





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.499 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN037637.D  
 Acq: 20 Aug 2025 19:22

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP100-20250814



Tgt Ion:264 Resp: 3736

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.6	32.4
265	82.2	48.2	72.4#

