

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037624.D
 Acq On : 20 Aug 2025 07:49
 Operator : RC/JU
 Sample : Q2881-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814

Quant Time: Aug 20 08:17:16 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

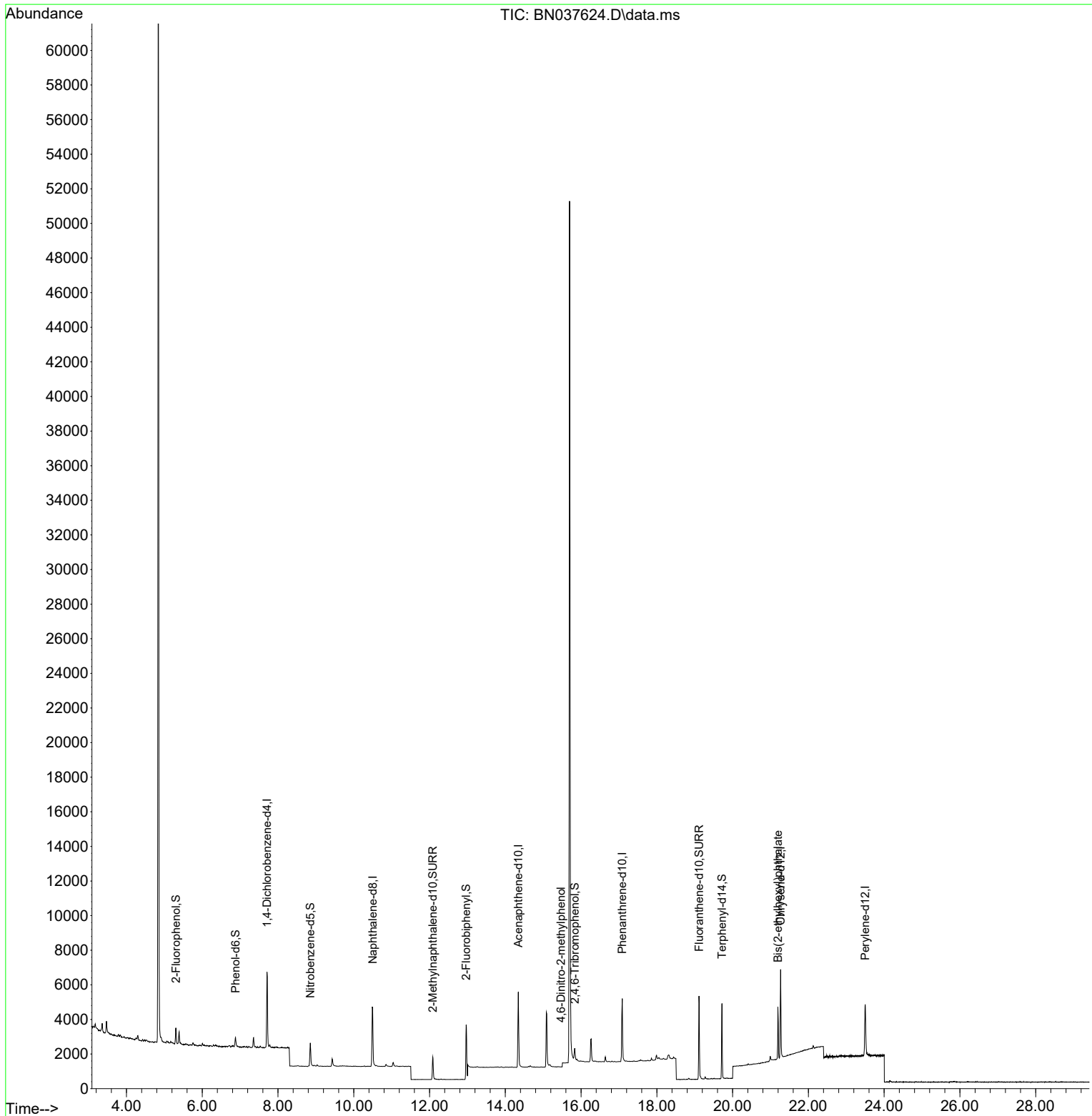
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2203	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5181	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2518	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5410	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	4670	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	4150	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	706	0.141	ng	0.00
5) Phenol-d6	6.879	99	485	0.081	ng	0.00
8) Nitrobenzene-d5	8.854	82	1190	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1900	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	382	0.347	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4349	0.299	ng	0.00
27) Fluoranthene-d10	19.113	212	5272	0.370	ng	0.00
31) Terphenyl-d14	19.717	244	4123	0.429	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.182	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	2684	0.417	ng	99

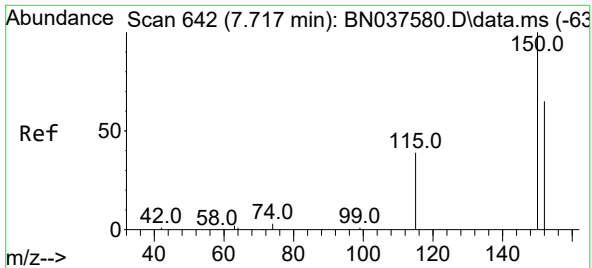
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
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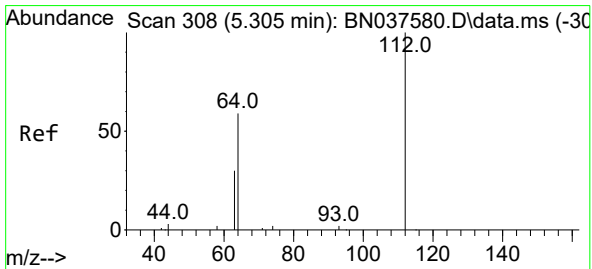
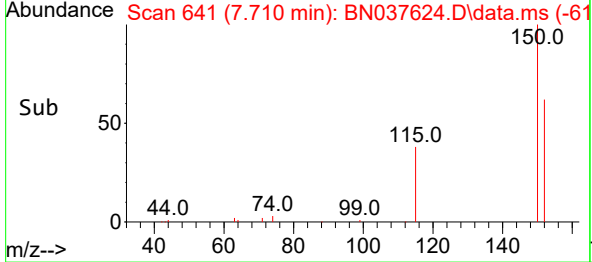
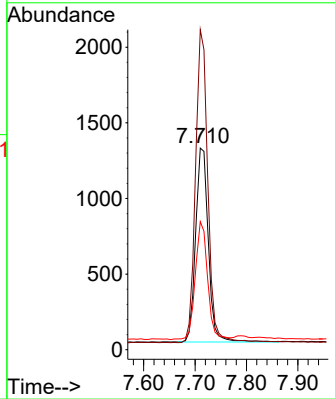
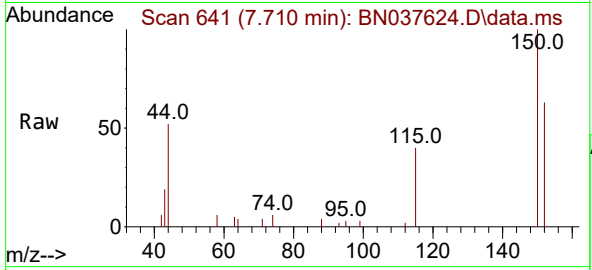


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 641
 Delta R.T. -0.007 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument : BNA_N
 ClientSampleId : RW8-SP303-20250814

Tgt Ion:152 Resp: 2203

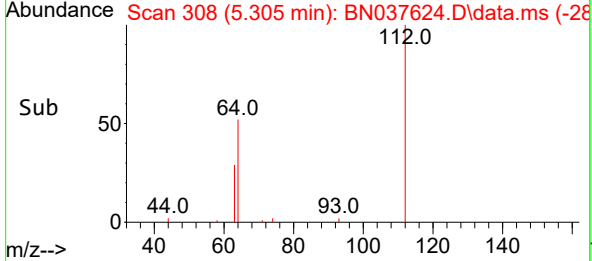
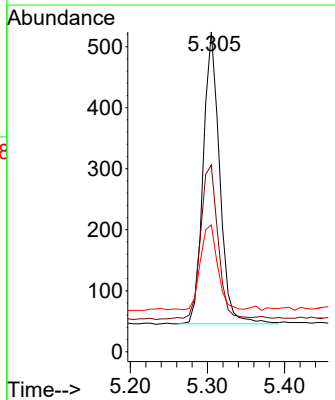
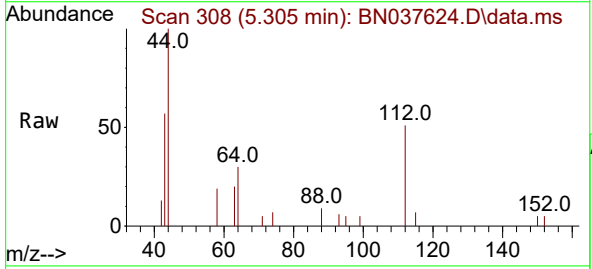
Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.2	183.4
115	63.5	49.8	74.6

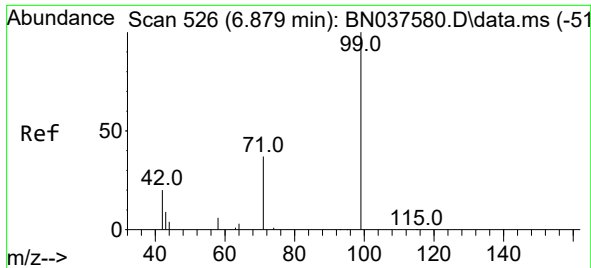


#4
 2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.305 min Scan# 308
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Tgt Ion:112 Resp: 706

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.9	67.3
63	30.7	23.4	35.2

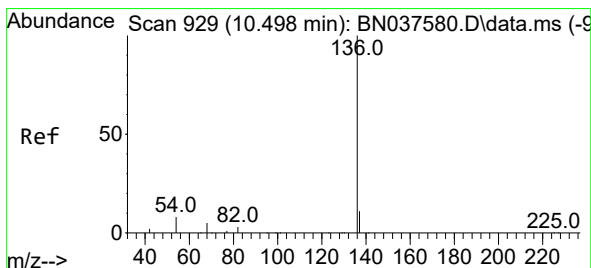
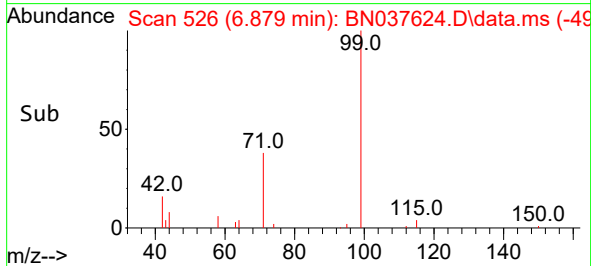
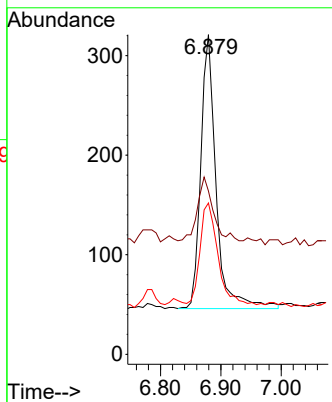
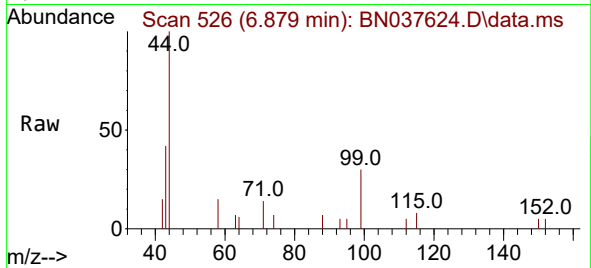




#5
 Phenol-d6
 Concen: 0.081 ng
 RT: 6.879 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

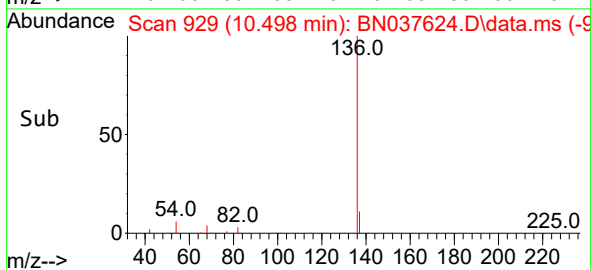
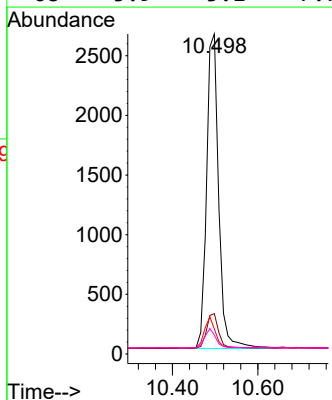
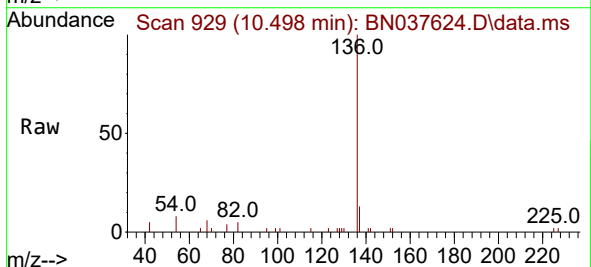
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814

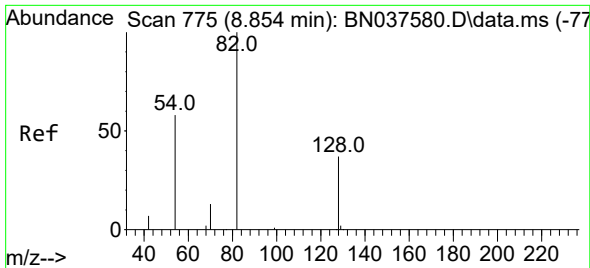
Tgt Ion	Resp	Lower	Upper
99	485		
42	27.8	18.5	27.7#
71	46.6	28.6	42.8#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.498 min Scan# 929
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

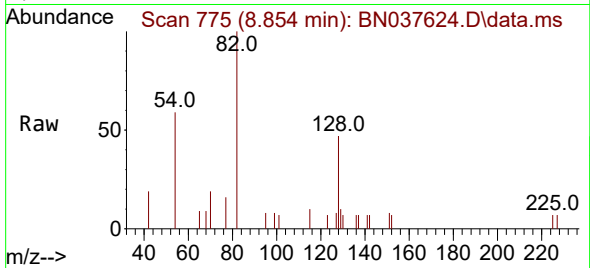
Tgt Ion	Resp	Lower	Upper
136	5181		
137	12.6	9.5	14.3
54	7.8	7.3	10.9
68	5.9	5.1	7.7



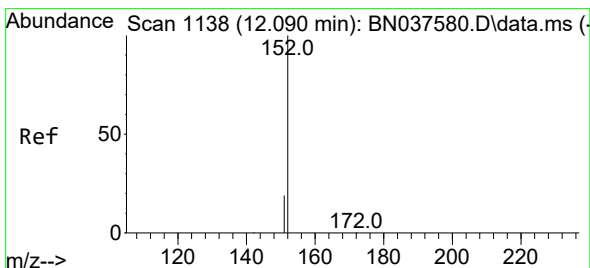
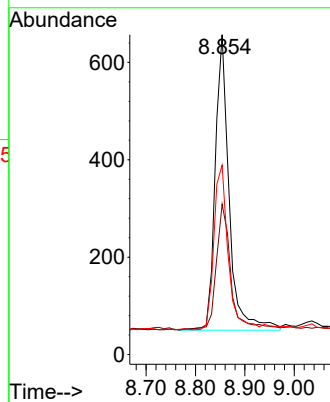
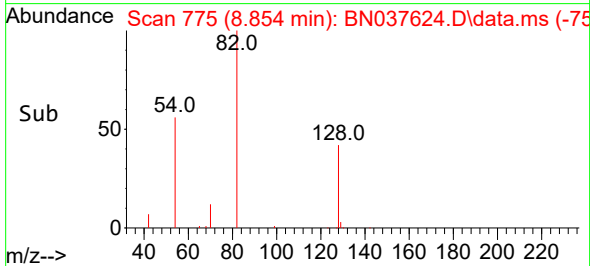


#8
 Nitrobenzene-d5
 Concen: 0.326 ng
 RT: 8.854 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

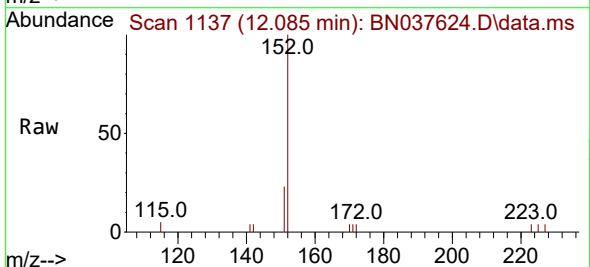
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814



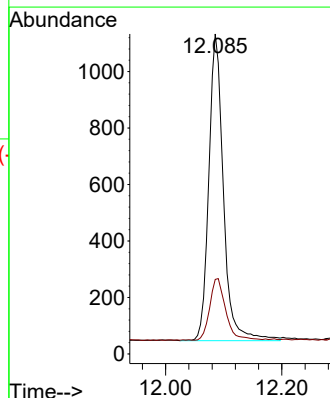
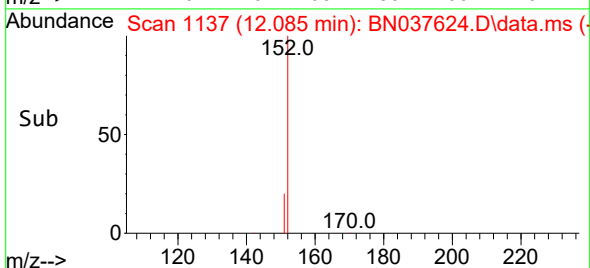
Tgt Ion: 82 Resp: 1190
 Ion Ratio Lower Upper
 82 100
 128 47.0 32.6 48.8
 54 59.2 48.9 73.3

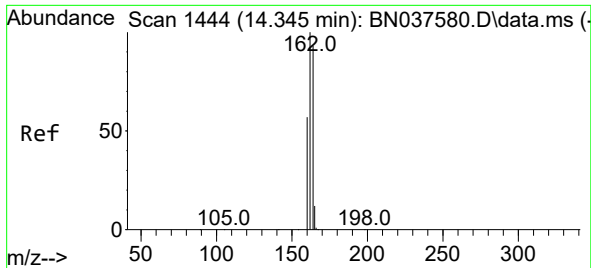


#11
 2-Methylnaphthalene-d10
 Concen: 0.270 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49



Tgt Ion: 152 Resp: 1900
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.3 25.9



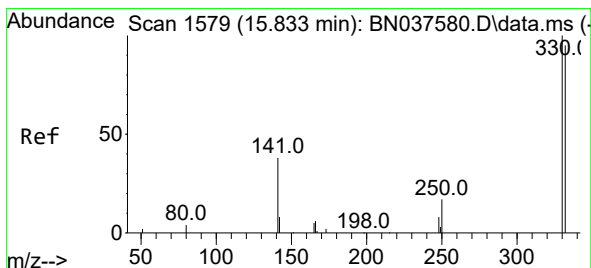
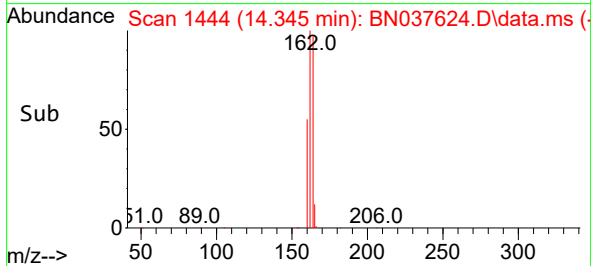
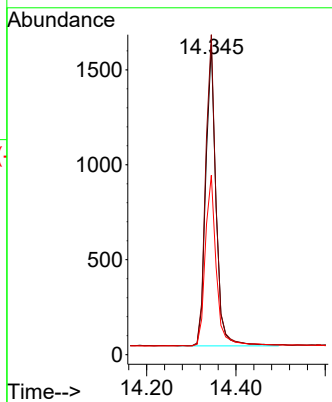
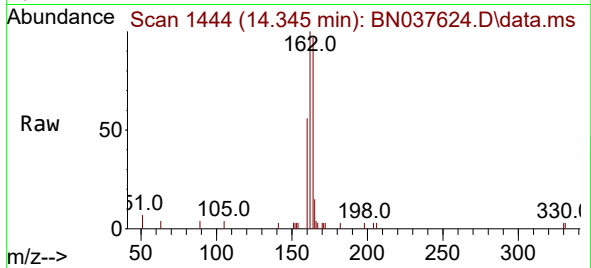


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.345 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814

Tgt Ion:164 Resp: 2518

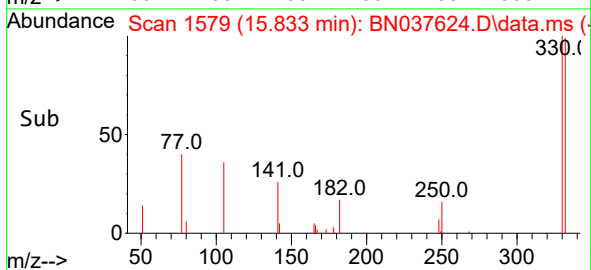
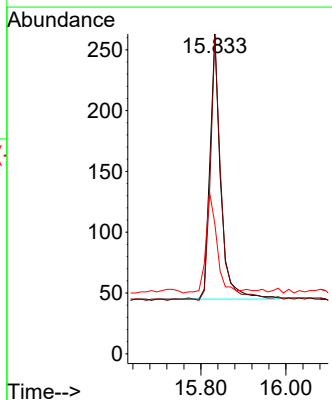
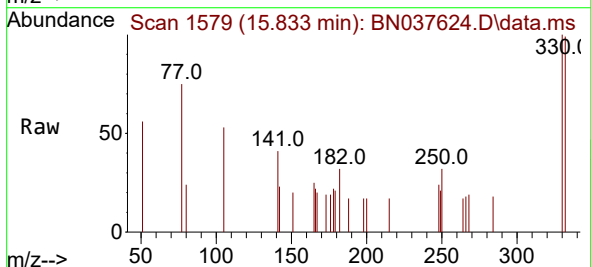
Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.5	128.3
160	57.8	49.5	74.3

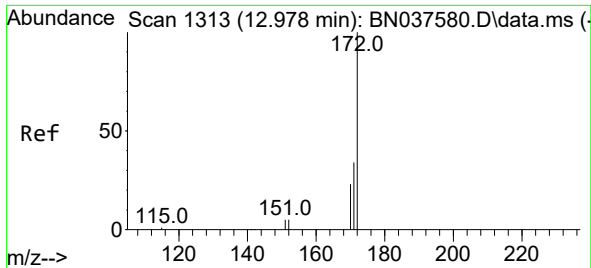


#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 15.833 min Scan# 1579
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Tgt Ion:330 Resp: 382

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	39.0	30.9	46.3



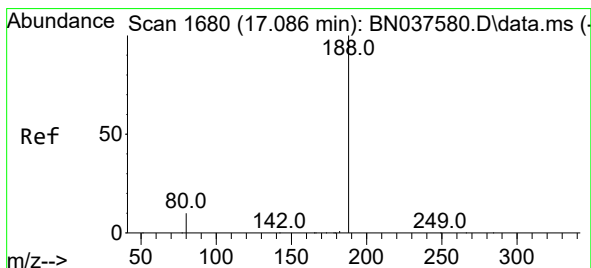
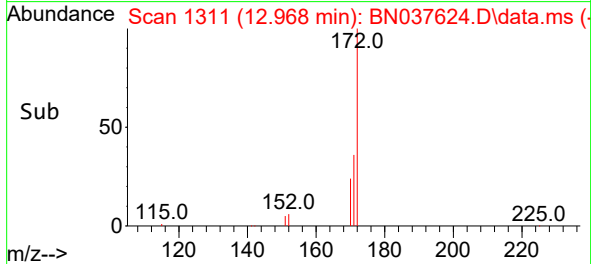
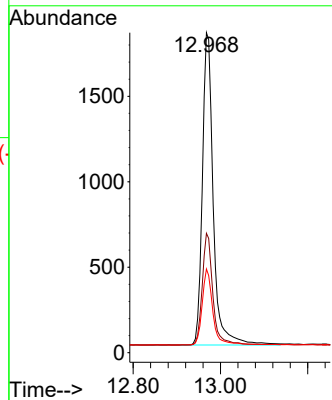
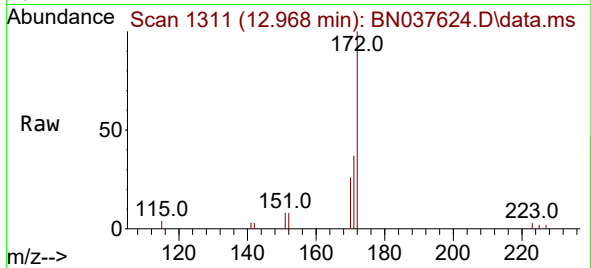


#15
 2-Fluorobiphenyl
 Concen: 0.299 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814

Tgt Ion:172 Resp: 4349

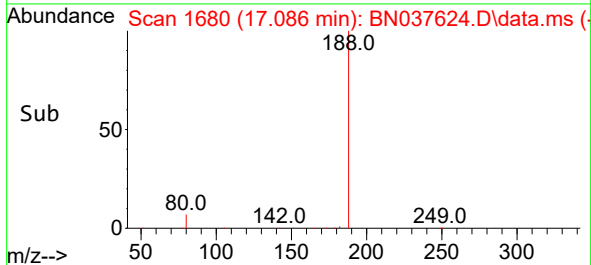
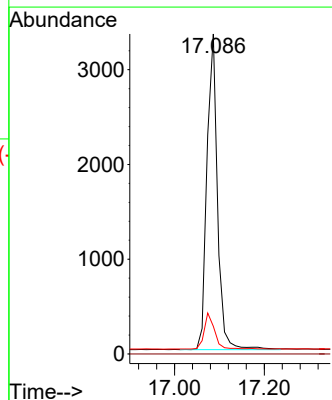
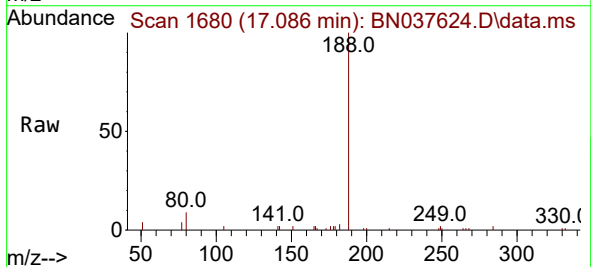
Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.2	42.4
170	26.2	19.2	28.8

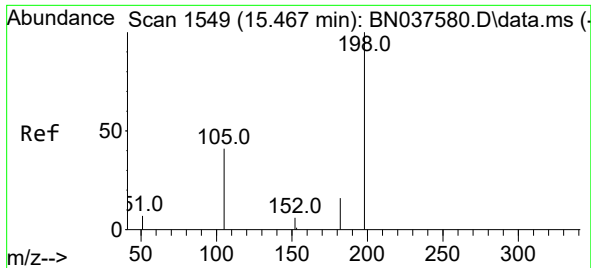


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.086 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Tgt Ion:188 Resp: 5410

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	9.1	13.7#



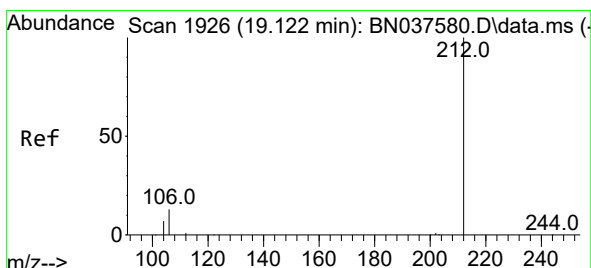
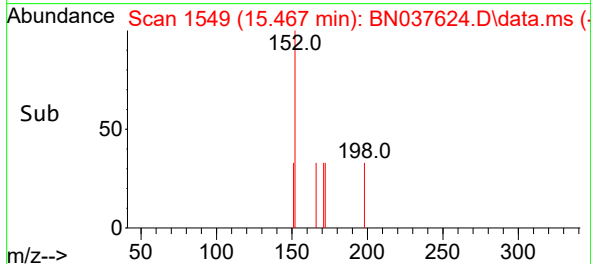
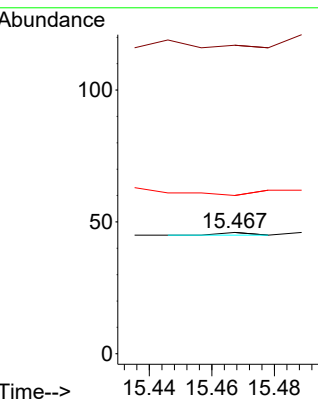
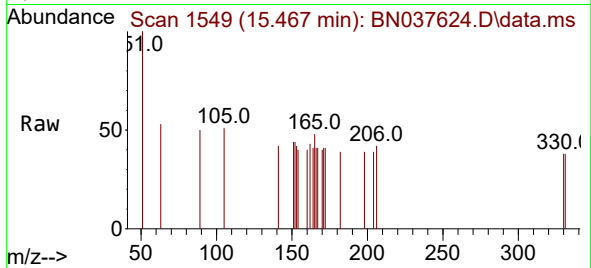


#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.182 ng
 RT: 15.467 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814

Tgt Ion:198 Resp: 1

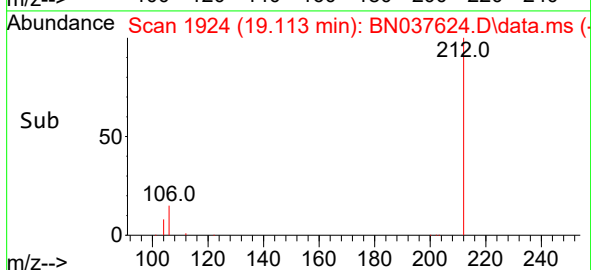
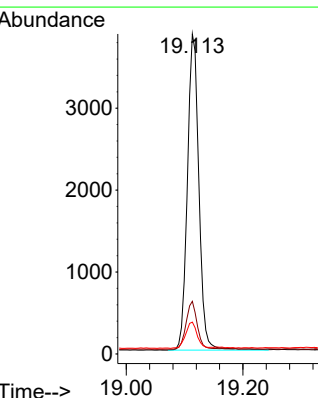
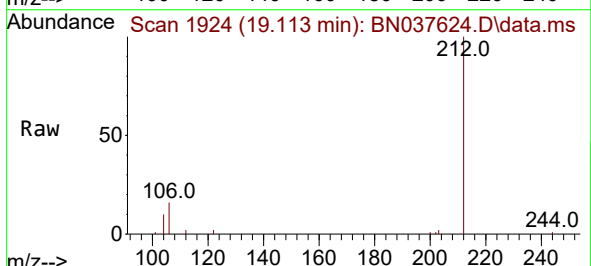
Ion	Ratio	Lower	Upper
198	100		
51	254.3	81.0	121.6#
105	130.4	52.5	78.7#

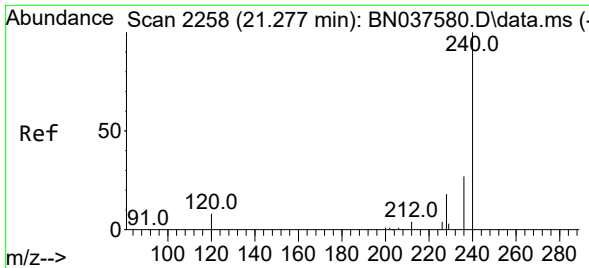


#27
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 19.113 min Scan# 1924
 Delta R.T. -0.009 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Tgt Ion:212 Resp: 5272

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.5	17.3
104	8.4	6.6	9.8



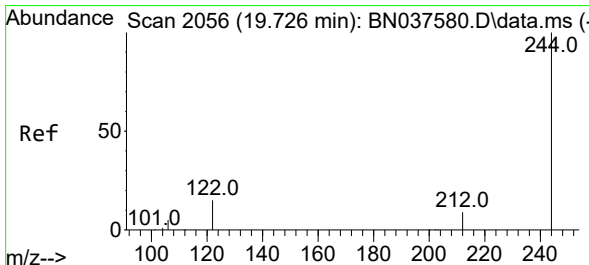
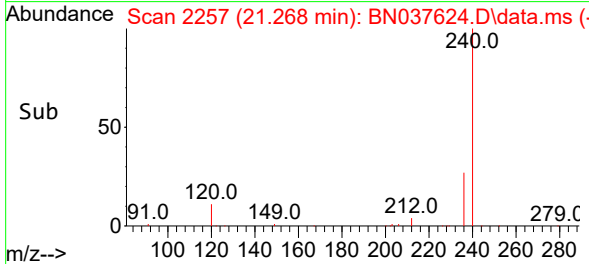
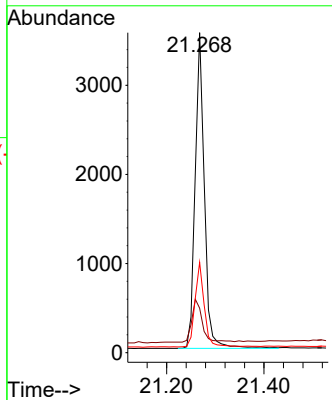
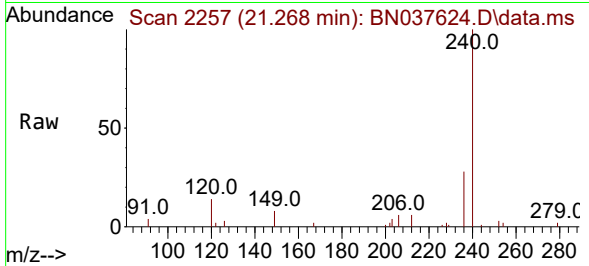


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.268 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument : BNA_N
 ClientSampleId : RW8-SP303-20250814

Tgt Ion:240 Resp: 4670

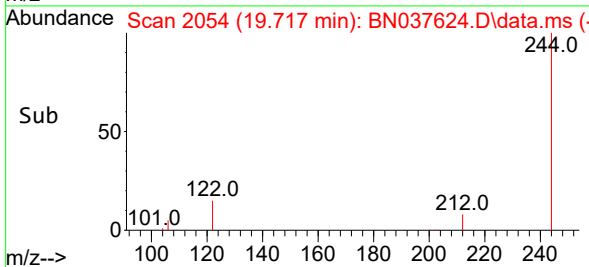
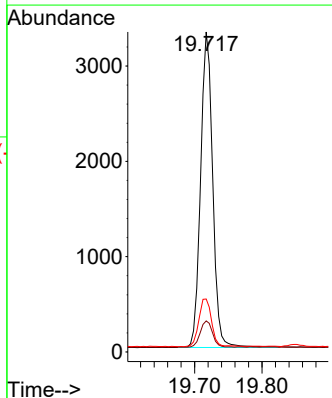
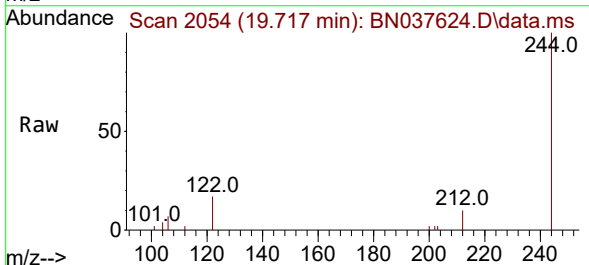
Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.9	13.3#
236	28.2	22.6	33.8

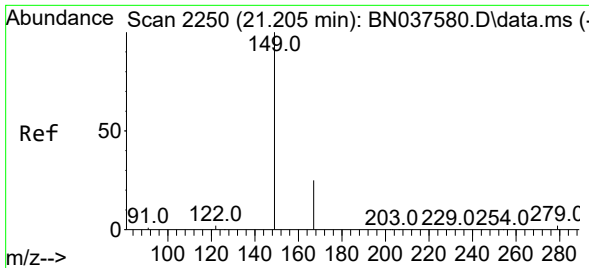


#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Tgt Ion:244 Resp: 4123

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.2	12.2
122	16.6	13.2	19.8

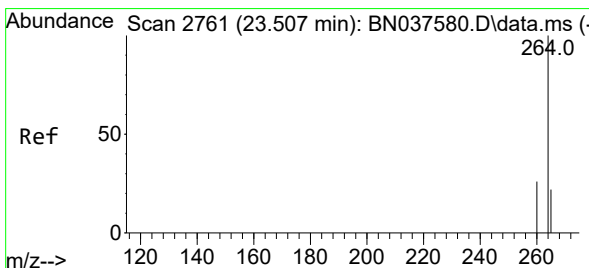
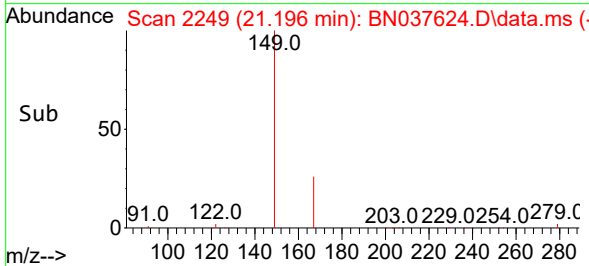
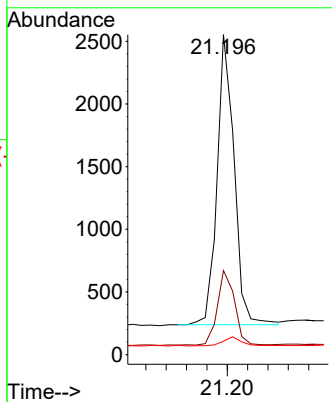
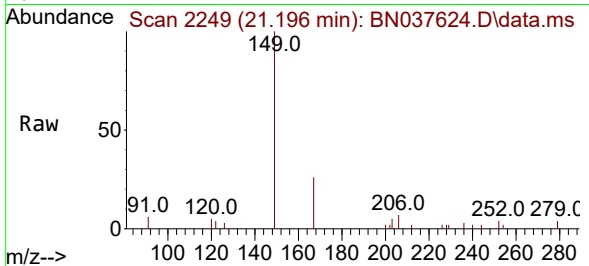




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.417 ng
 RT: 21.196 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument : BNA_N
 ClientSampleId : RW8-SP303-20250814

Tgt Ion	Resp	Ion Ratio	Lower	Upper
149	2684	100		
167	25.9	20.5	30.7	
279	3.7	2.6	4.0	



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 2759
 Delta R.T. -0.006 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Tgt Ion	Resp	Ion Ratio	Lower	Upper
264	4150	100		
260	27.2	21.6	32.4	
265	77.3	48.2	72.4	

