

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037965.D
 Acq On : 01 Oct 2025 03:35
 Operator : RC/JU
 Sample : Q3193-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250923

Quant Time: Oct 01 04:26:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

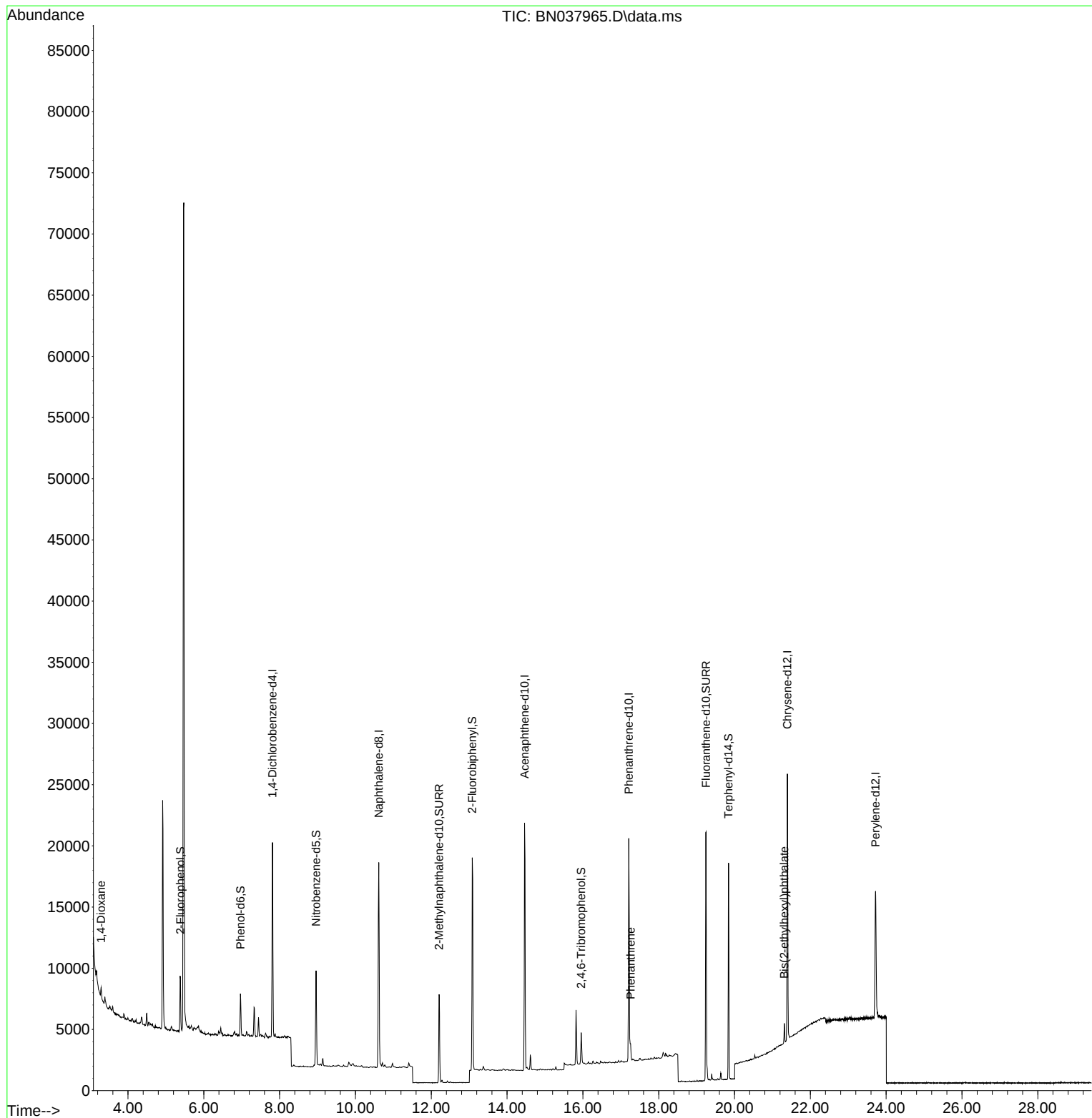
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7626	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	21951	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11654	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	24178	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	19146	0.400	ng	0.00
35) Perylene-d12	23.721	264	15180	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3638	0.209	ng	0.00
5) Phenol-d6	6.966	99	3132	0.137	ng	0.00
8) Nitrobenzene-d5	8.961	82	5994	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	9825	0.322	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1491	0.337	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16028	0.336	ng	-0.01
27) Fluoranthene-d10	19.248	212	22864	0.376	ng	0.00
31) Terphenyl-d14	19.842	244	16215	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	520	0.067	ng	# 40
25) Phenanthrene	17.260	178	1629	0.020	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.313	149	1666	0.063	ng	# 99

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

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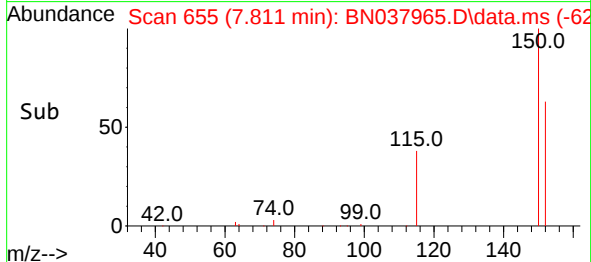
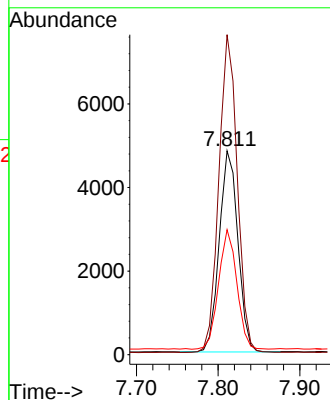
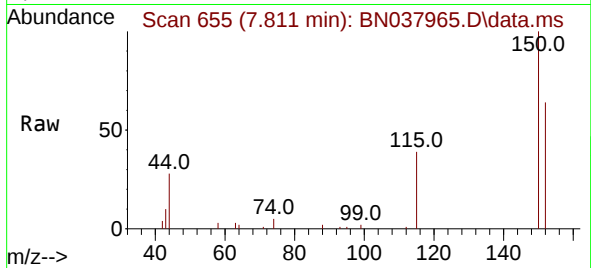




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

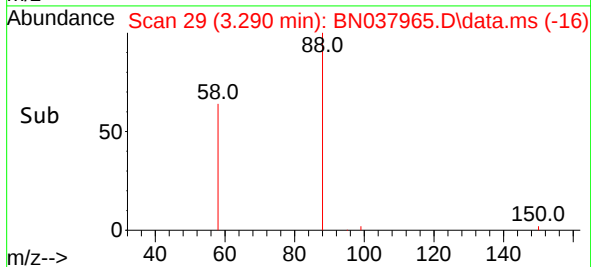
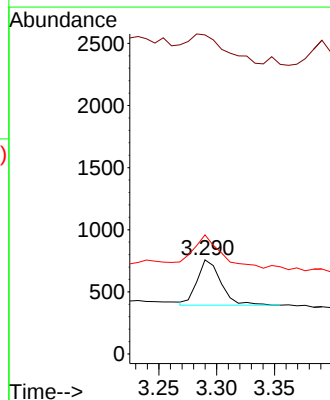
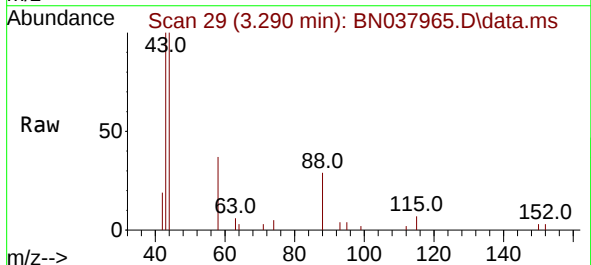
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250923

Tgt Ion:152 Resp: 7626
Ion Ratio Lower Upper
152 100
150 157.0 121.0 181.4
115 61.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.067 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

Tgt Ion: 88 Resp: 520
Ion Ratio Lower Upper
88 100
43 98.8 26.6 39.8#
58 102.9 58.9 88.3#





#4

2-Fluorophenol

Concen: 0.209 ng

RT: 5.384 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037965.D

Acq: 01 Oct 2025 03:35

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20250923

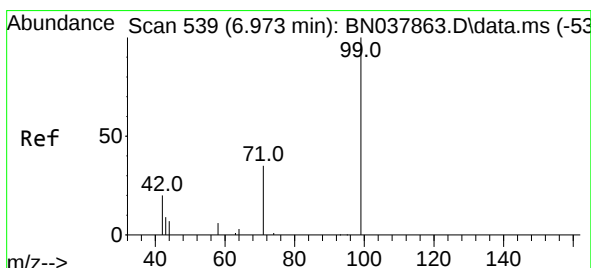
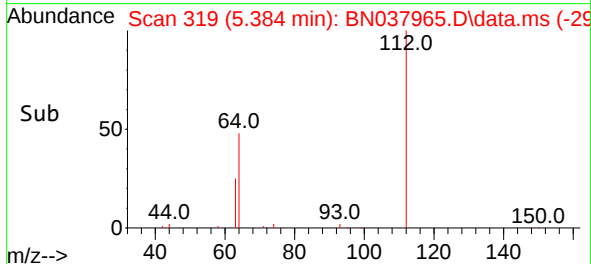
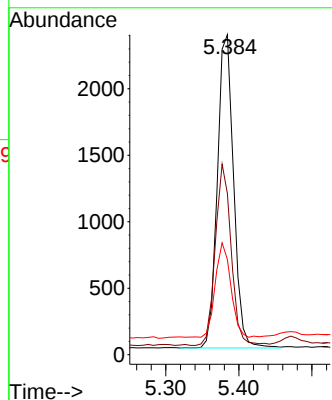
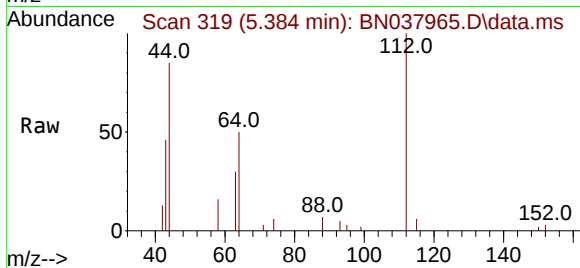
Tgt Ion:112 Resp: 3638

Ion Ratio Lower Upper

112 100

64 56.3 44.6 66.8

63 28.6 24.9 37.3



#5

Phenol-d6

Concen: 0.137 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN037965.D

Acq: 01 Oct 2025 03:35

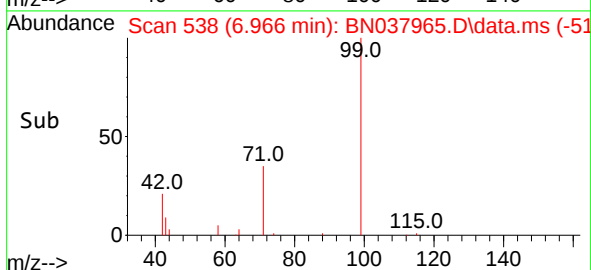
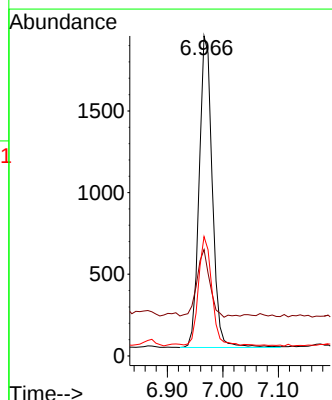
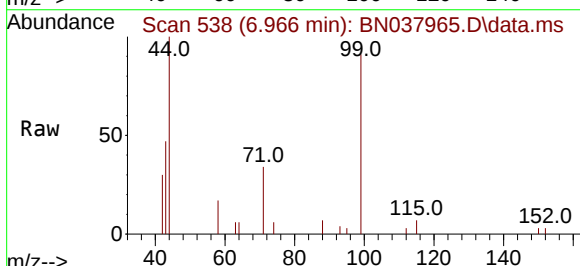
Tgt Ion: 99 Resp: 3132

Ion Ratio Lower Upper

99 100

42 21.2 17.2 25.8

71 35.4 27.3 40.9

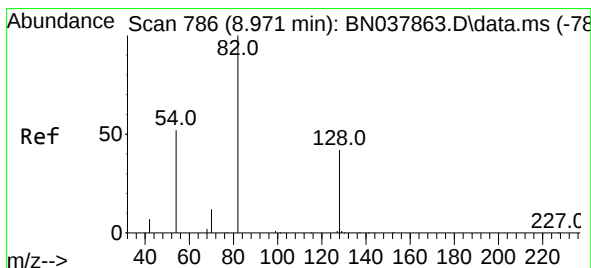
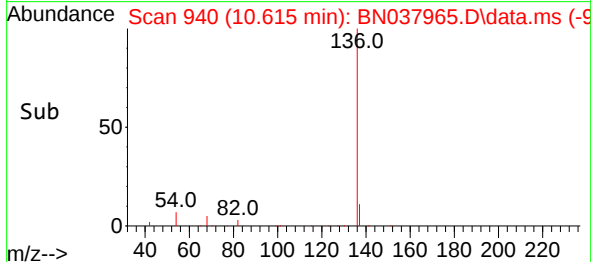
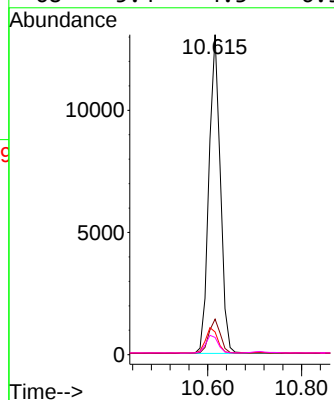
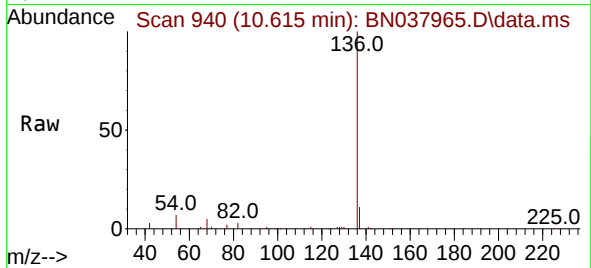




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

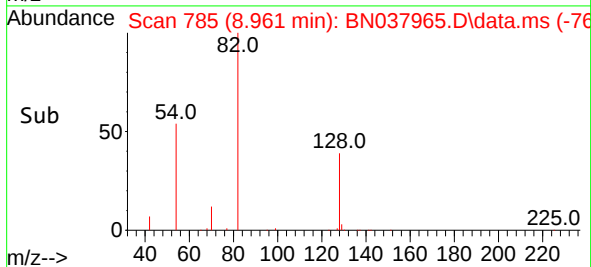
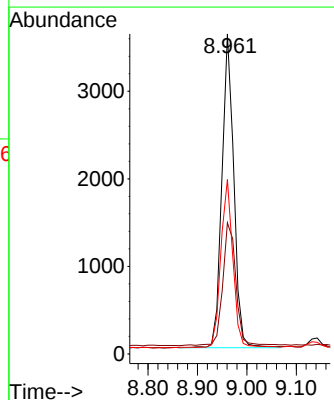
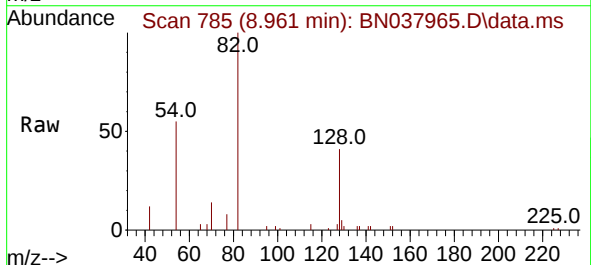
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250923

Tgt Ion:	136	Resp:	21951
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.1	5.8	8.8
68	5.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

Tgt Ion:	82	Resp:	5994
Ion Ratio	Lower	Upper	
82	100		
128	41.0	34.8	52.2
54	54.5	42.2	63.2

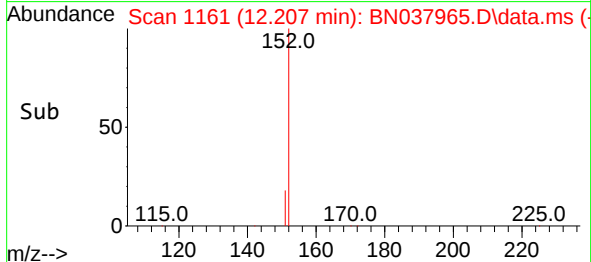
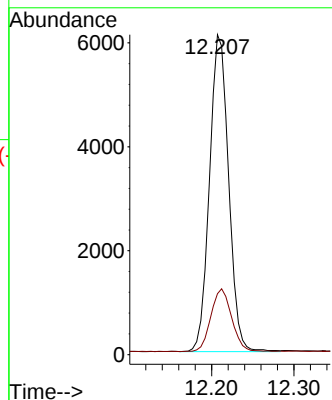
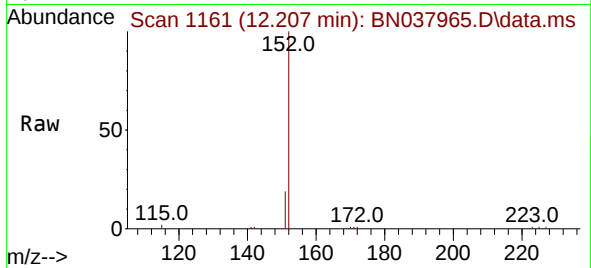




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

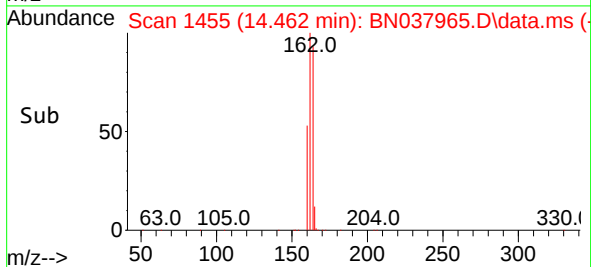
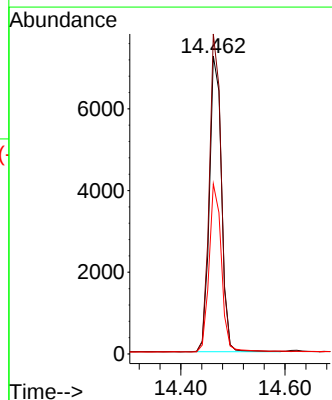
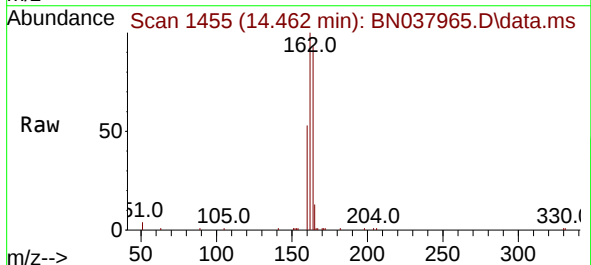
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250923

Tgt Ion:152 Resp: 9825
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

Tgt Ion:164 Resp: 11654
Ion Ratio Lower Upper
164 100
162 107.4 84.8 127.2
160 57.1 46.1 69.1

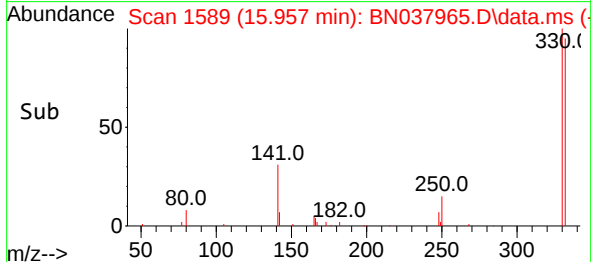
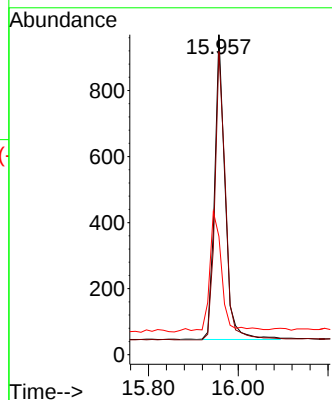
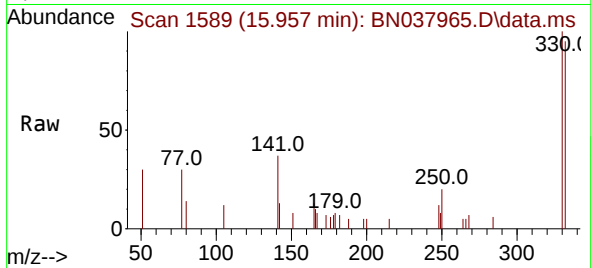




#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

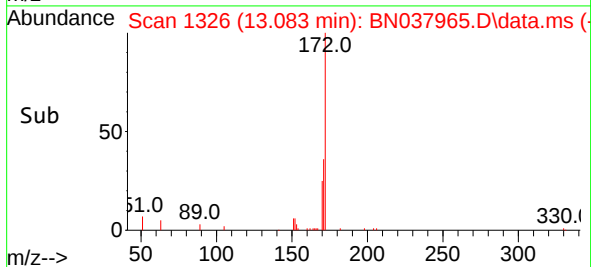
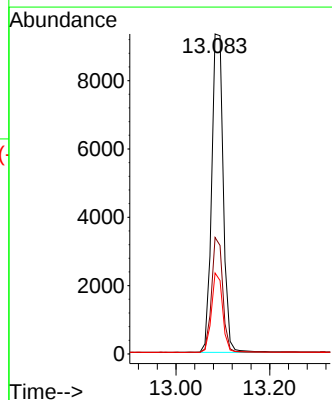
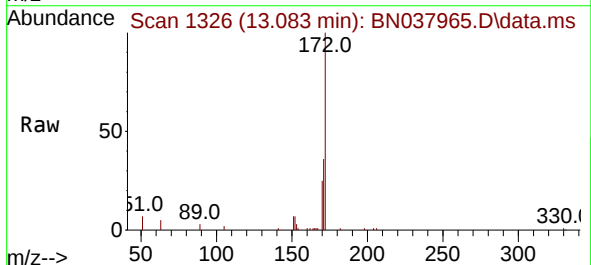
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ClientSampleId :
RW8-MW01D1-20250923

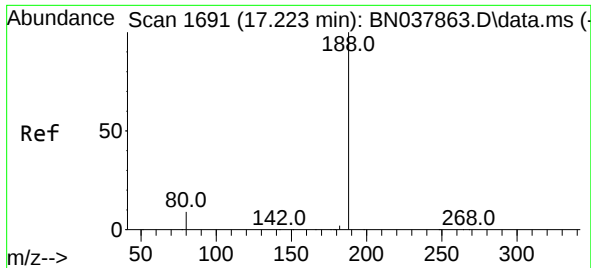
Tgt Ion:330 Resp: 1491
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 44.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

Tgt Ion:172 Resp: 16028
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.3 19.7 29.5

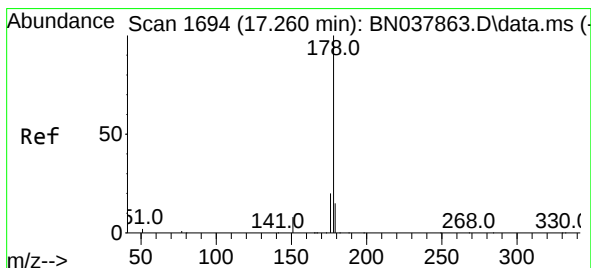
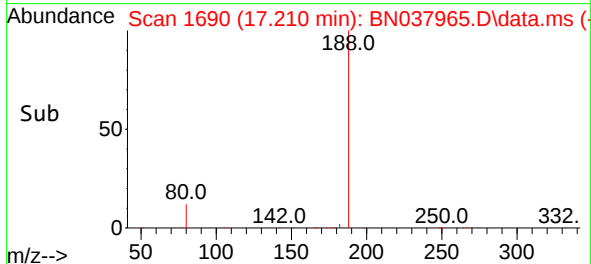
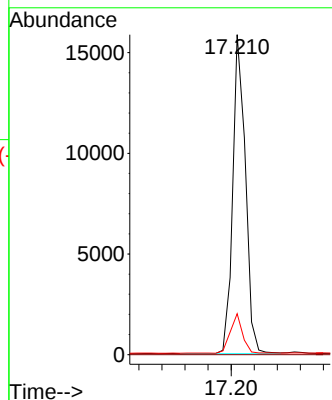
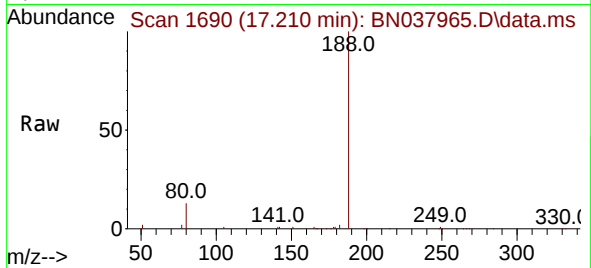




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

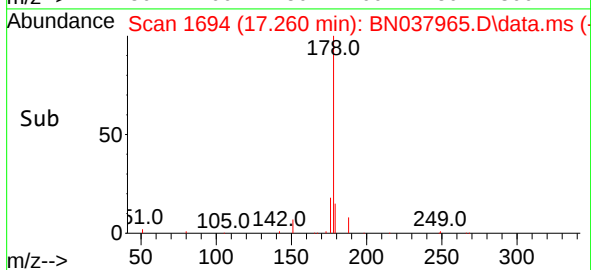
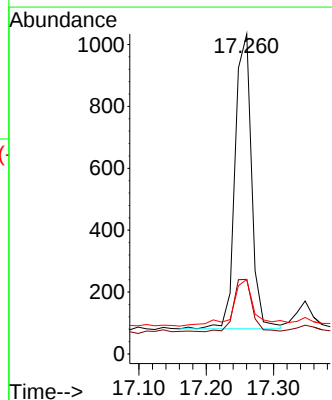
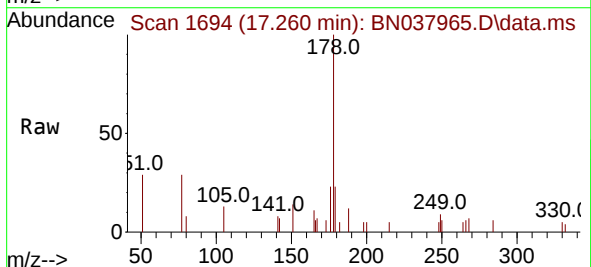
Instrument :
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ClientSampleId :
RW8-MW01D1-20250923

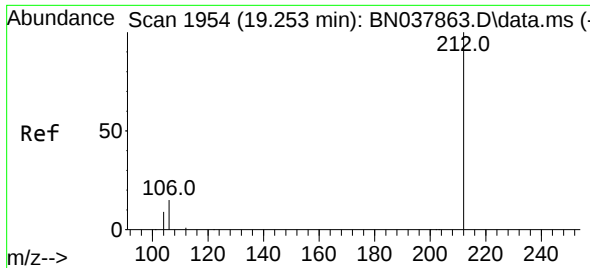
Tgt Ion:188 Resp: 24178
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.6 11.4#



#25
Phenanthrene
Concen: 0.020 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

Tgt Ion:178 Resp: 1629
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 20.9 12.3 18.5#

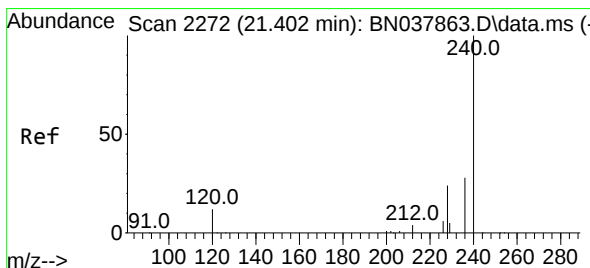
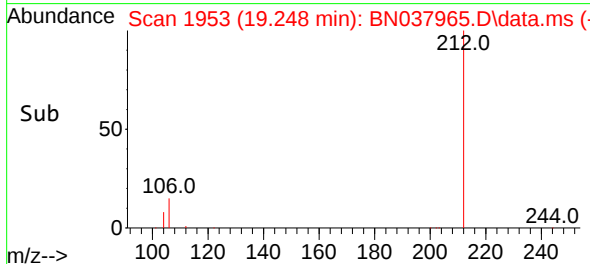
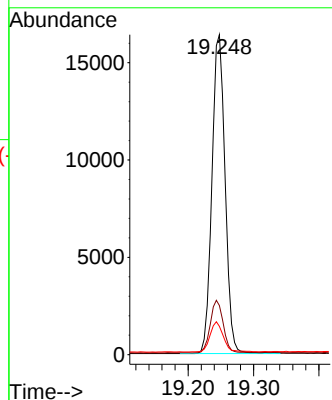
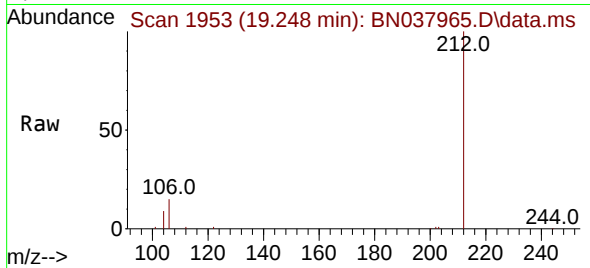




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

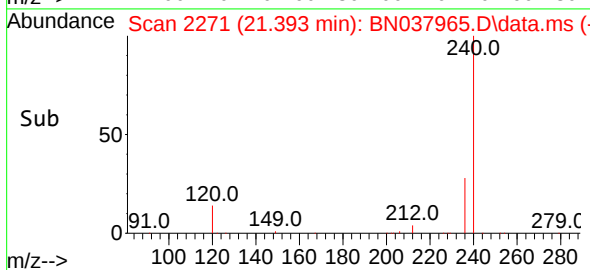
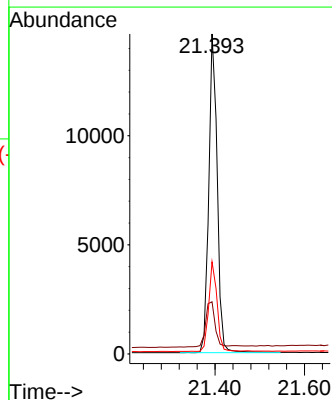
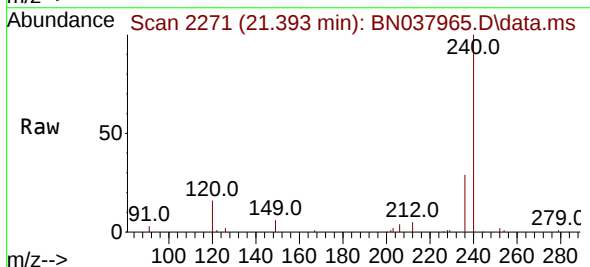
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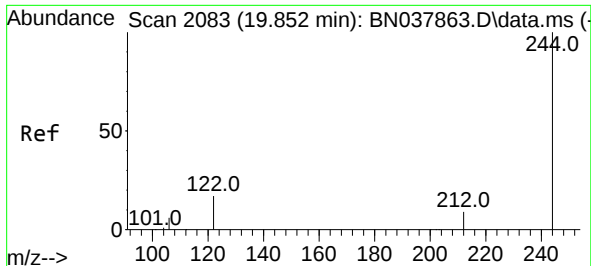
Tgt Ion:212 Resp: 22864
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037965.D
Acq: 01 Oct 2025 03:35

Tgt Ion:240 Resp: 19146
Ion Ratio Lower Upper
240 100
120 16.3 11.4 17.2
236 28.8 23.0 34.6

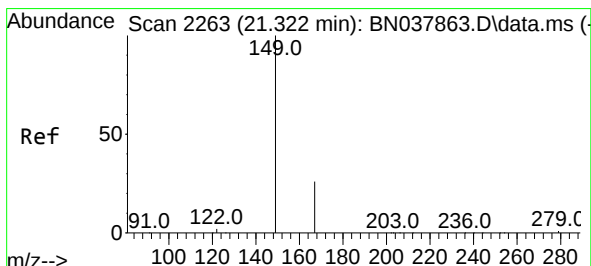
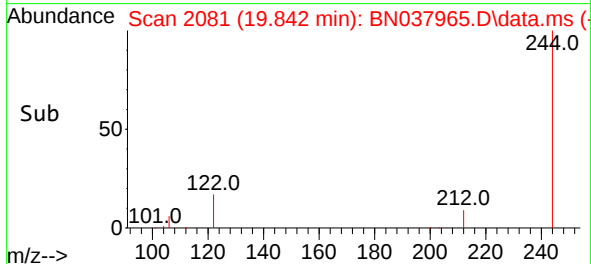
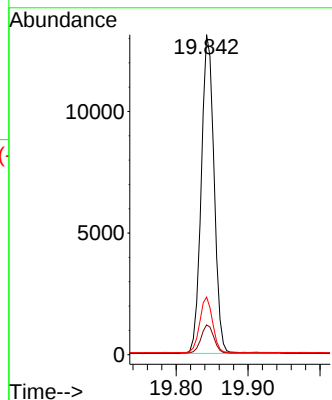
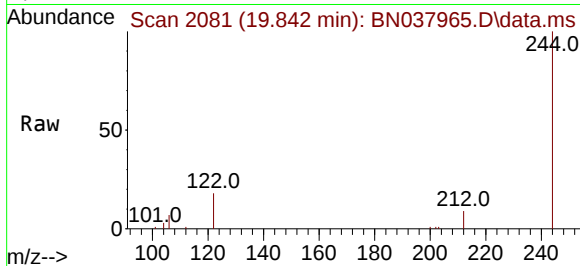




#31
 Terphenyl-d14
 Concen: 0.425 ng
 RT: 19.842 min Scan# 2083
 Delta R.T. -0.009 min
 Lab File: BN037965.D
 Acq: 01 Oct 2025 03:35

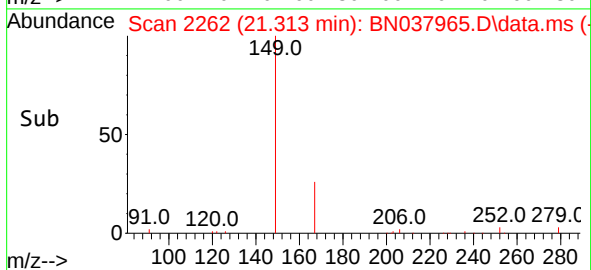
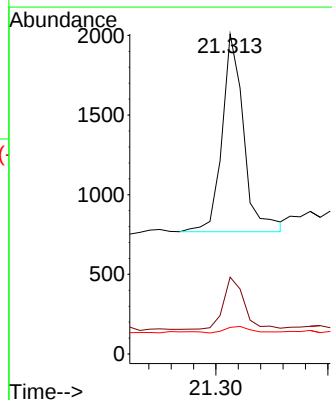
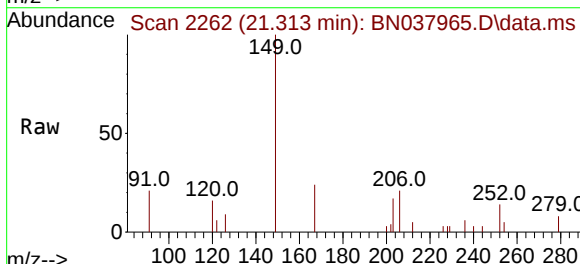
Instrument :
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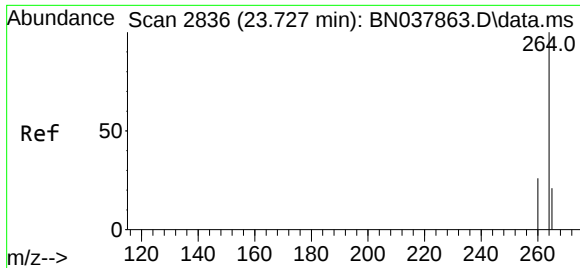
Tgt Ion:244 Resp: 16215
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.6 11.4
 122 18.0 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN037965.D
 Acq: 01 Oct 2025 03:35

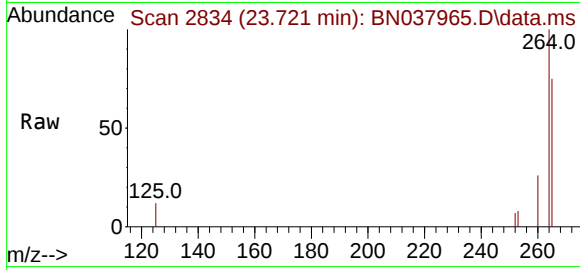
Tgt Ion:149 Resp: 1666
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.4 30.6
 279 3.9 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.721 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037965.D
 Acq: 01 Oct 2025 03:35

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250923



Tgt Ion:264 Resp: 15180

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.5	32.3
265	74.8	53.8	80.6

