

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037964.D
 Acq On : 01 Oct 2025 02:59
 Operator : RC/JU
 Sample : Q3193-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20250923

Quant Time: Oct 01 04:26:23 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)

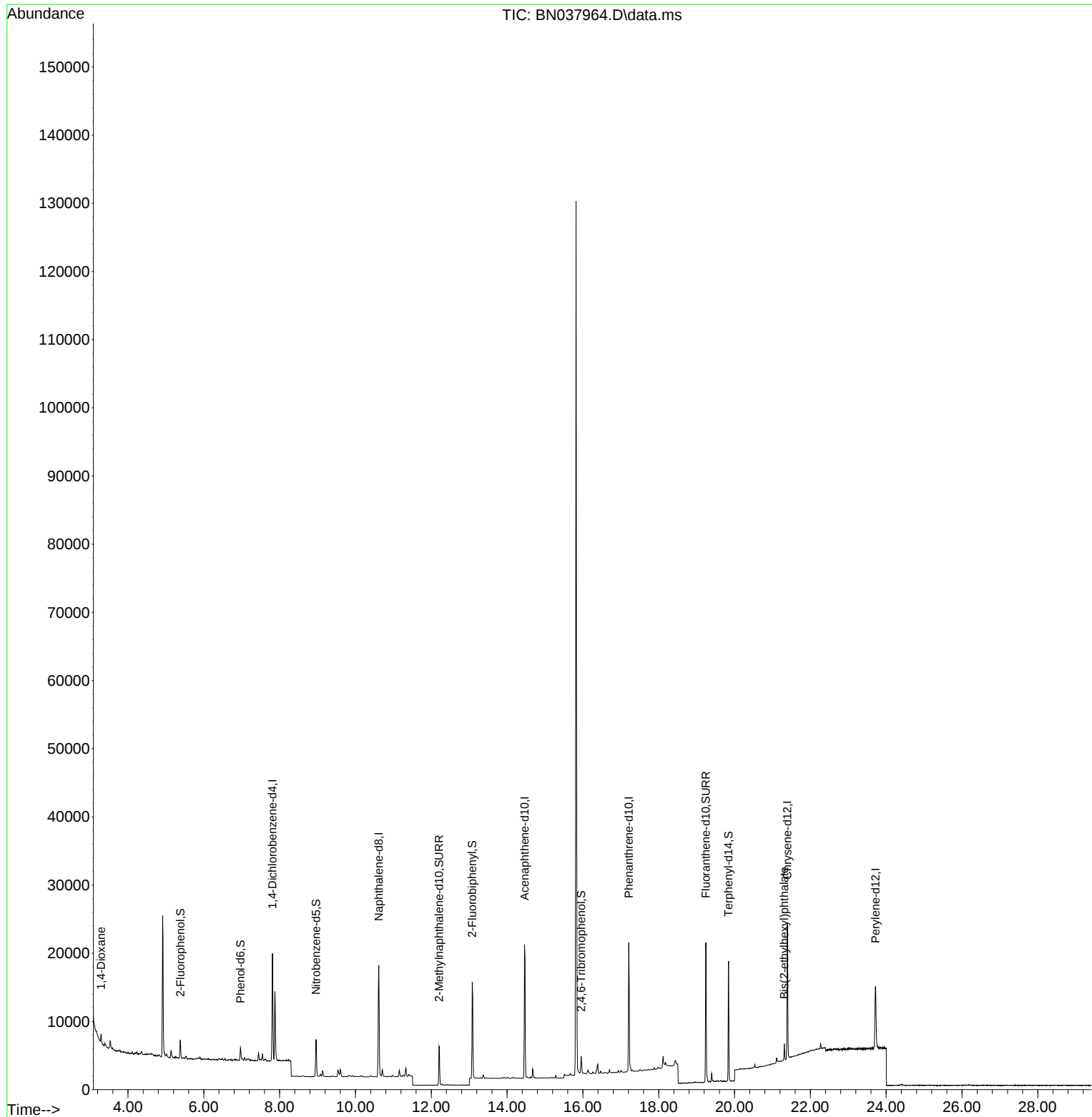
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7495	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	21468	0.400	ng	-0.01
13) Acenaphthene-d10	14.463	164	11500	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	24754	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	17225	0.400	ng	0.00
35) Perylene-d12	23.721	264	13309	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	2082	0.122	ng	0.00
5) Phenol-d6	6.966	99	1627	0.072	ng	0.00
8) Nitrobenzene-d5	8.961	82	4238	0.259	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	7660	0.257	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1386	0.318	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	12626	0.268	ng	-0.01
27) Fluoranthene-d10	19.243	212	21781	0.350	ng	0.00
31) Terphenyl-d14	19.843	244	15944	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	597	0.078	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.313	149	2323	0.098	ng	# 97

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

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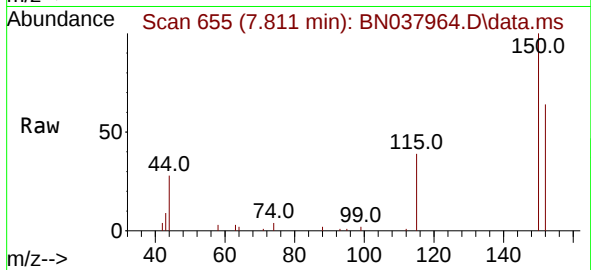
Quant Time: Oct 01 04:26:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



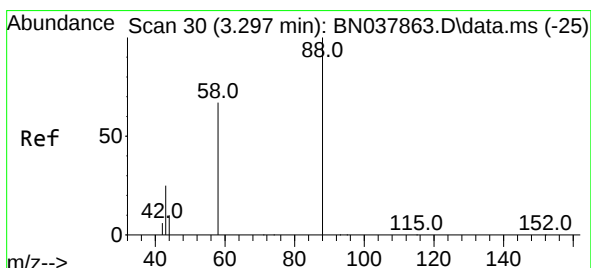
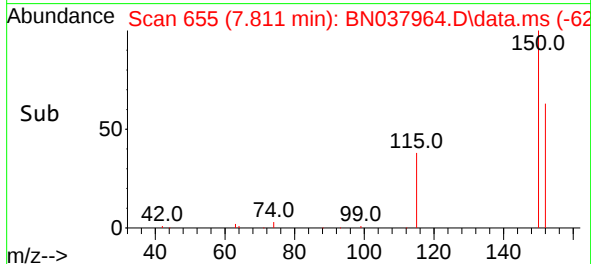
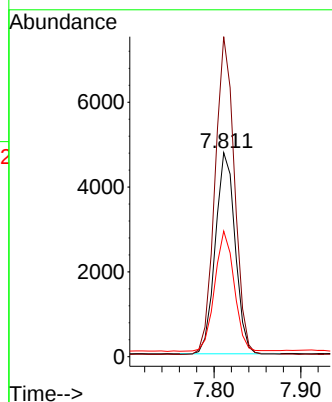


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037964.D
 Acq: 01 Oct 2025 02:59

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20250923

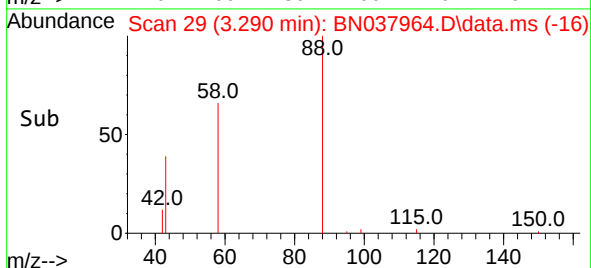
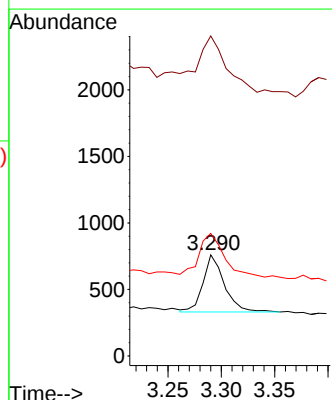
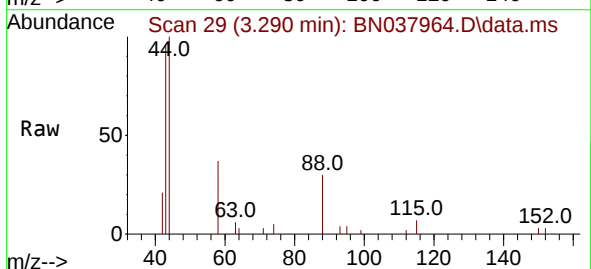


Tgt Ion:152 Resp: 7495
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.0 181.4
 115 61.6 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.078 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037964.D
 Acq: 01 Oct 2025 02:59

Tgt Ion: 88 Resp: 597
 Ion Ratio Lower Upper
 88 100
 43 132.3 26.6 39.8#
 58 101.3 58.9 88.3#

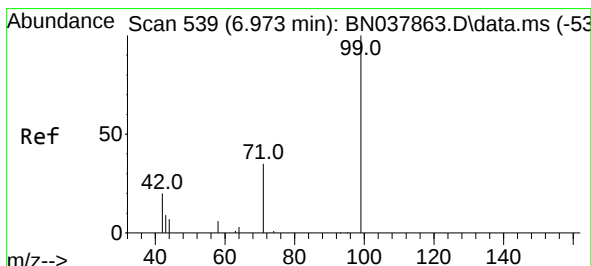
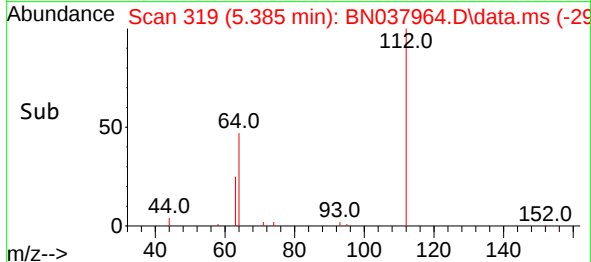
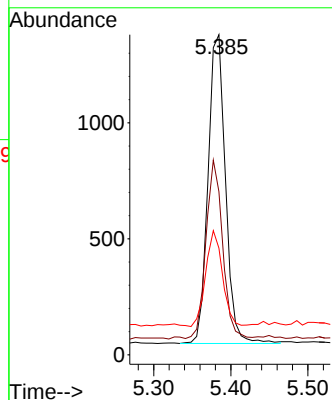
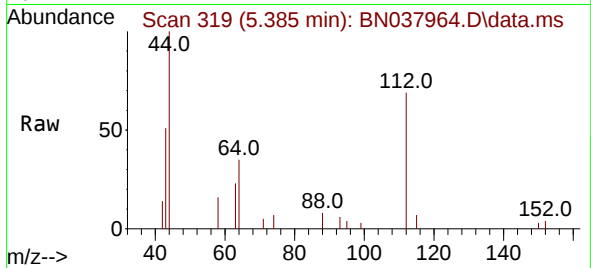




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.385 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

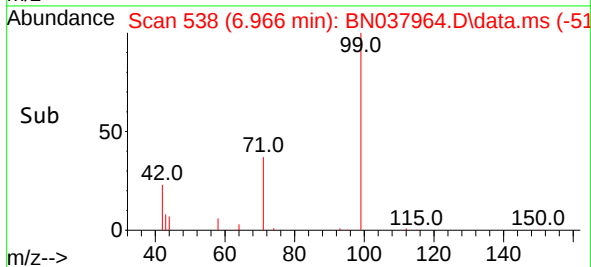
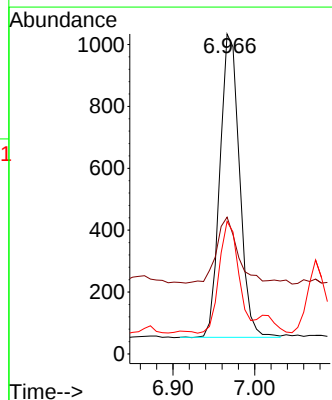
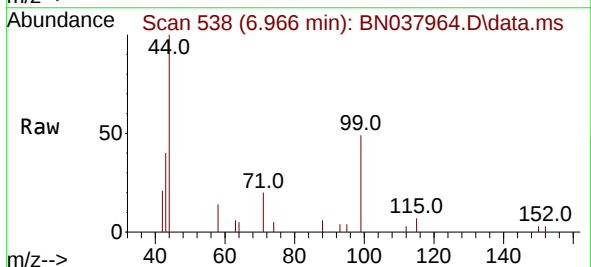
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250923

Tgt Ion:112 Resp: 2082
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 29.0 24.9 37.3



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Tgt Ion: 99 Resp: 1627
Ion Ratio Lower Upper
99 100
42 23.4 17.2 25.8
71 37.9 27.3 40.9

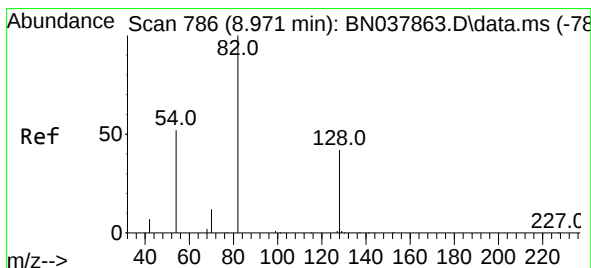
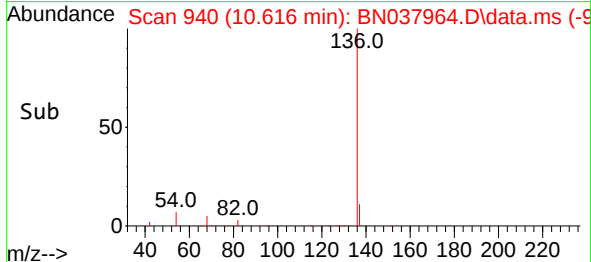
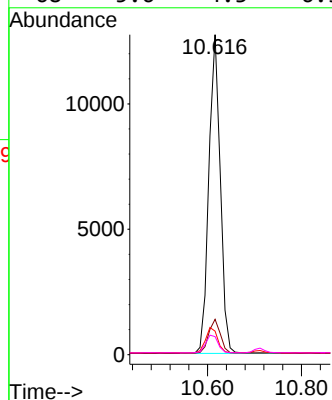
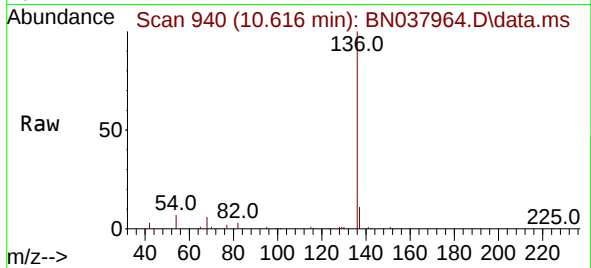




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

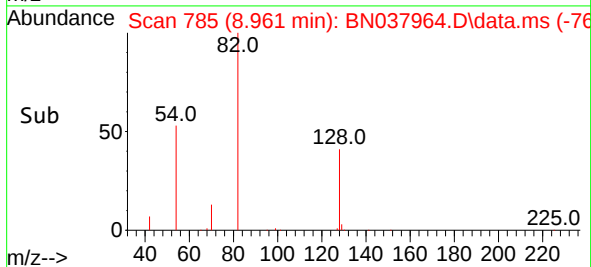
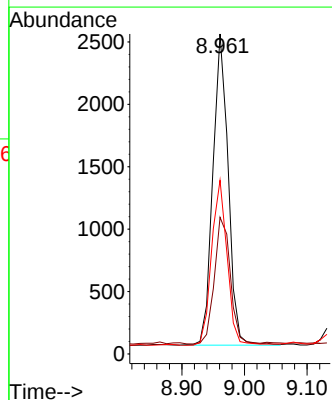
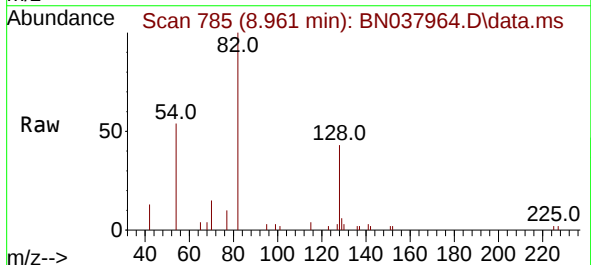
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250923

Tgt Ion:136	Resp:	21468
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	7.3	5.8 8.8
68	5.6	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Tgt Ion: 82	Resp:	4238
Ion Ratio	Lower	Upper
82	100	
128	42.7	34.8 52.2
54	54.3	42.2 63.2

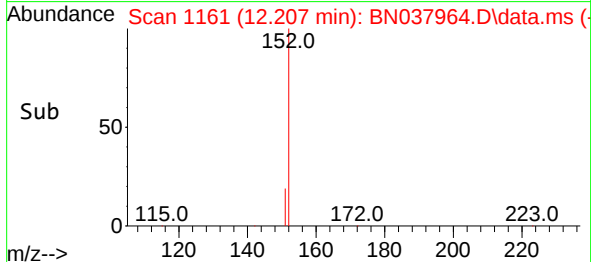
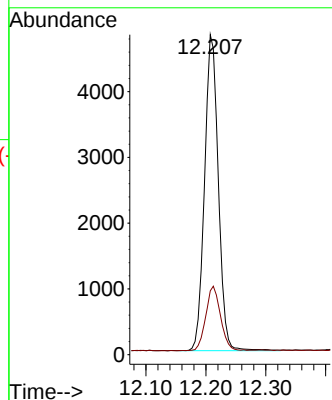
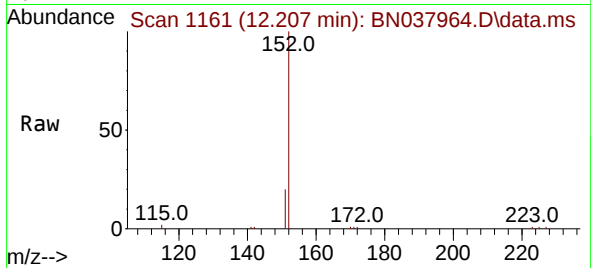




#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

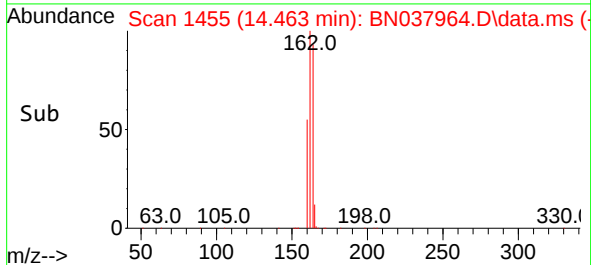
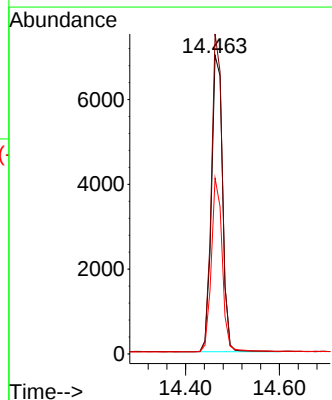
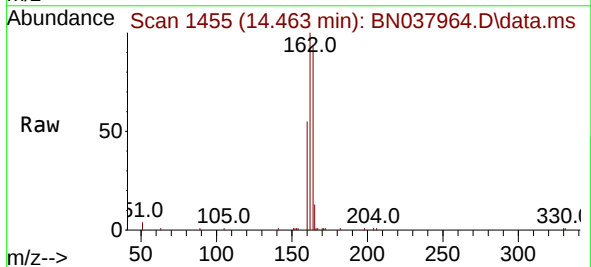
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250923

Tgt Ion:152 Resp: 7660
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Tgt Ion:164 Resp: 11500
Ion Ratio Lower Upper
164 100
162 107.2 84.8 127.2
160 58.9 46.1 69.1

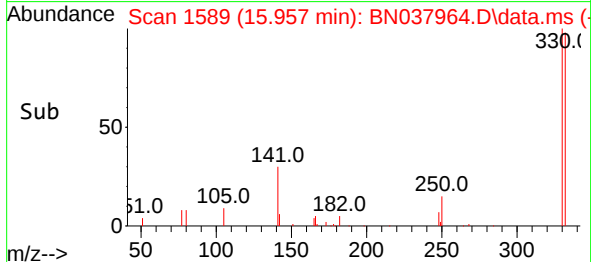
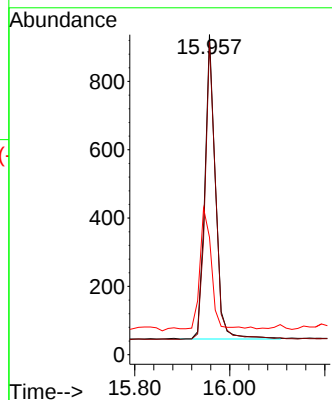
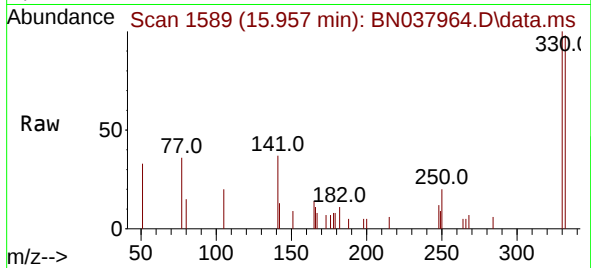




#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

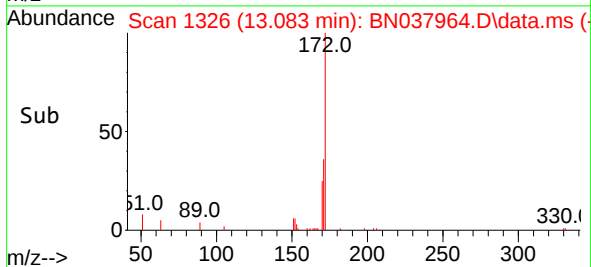
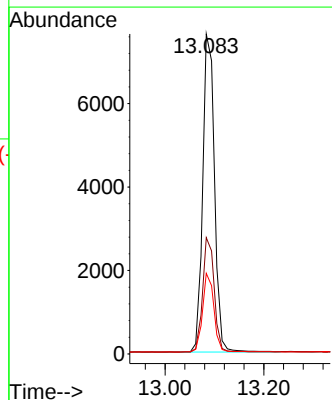
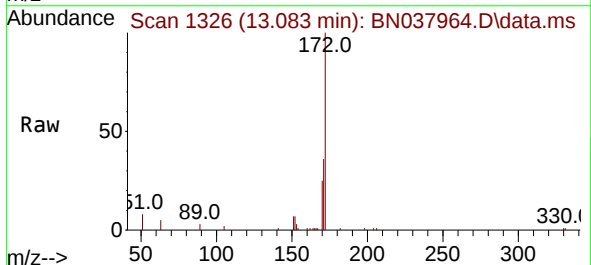
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250923

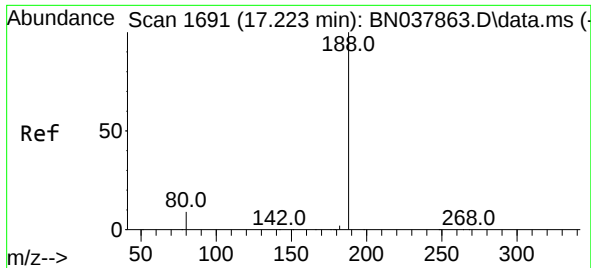
Tgt Ion:330 Resp: 1386
Ion Ratio Lower Upper
330 100
332 97.5 77.2 115.8
141 43.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Tgt Ion:172 Resp: 12626
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.2 19.7 29.5

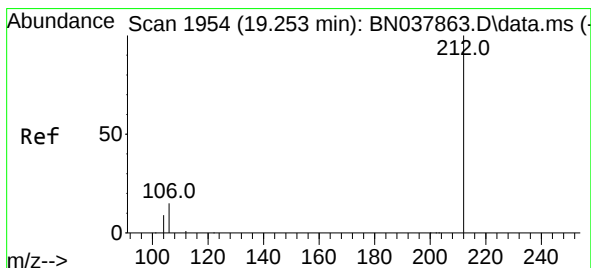
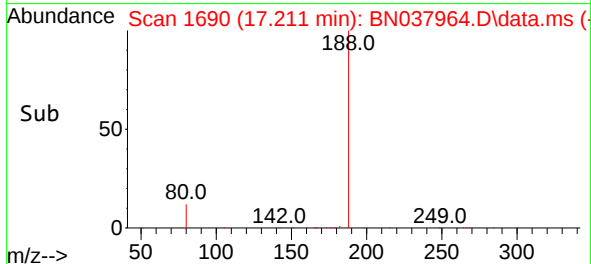
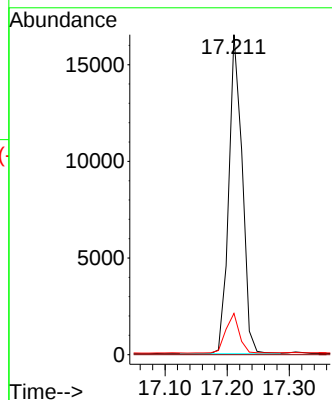
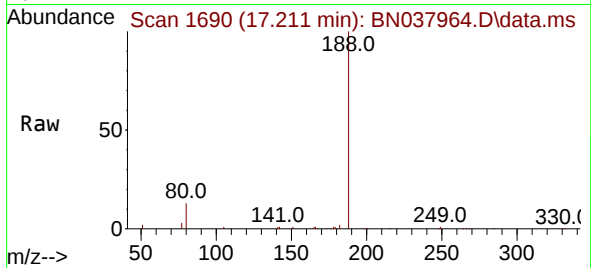




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

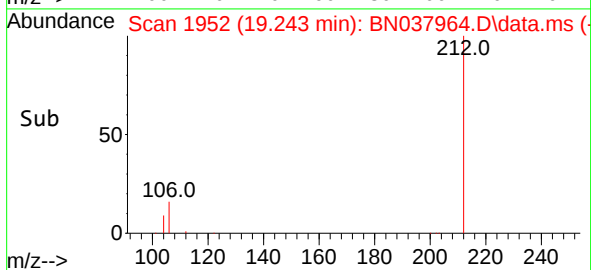
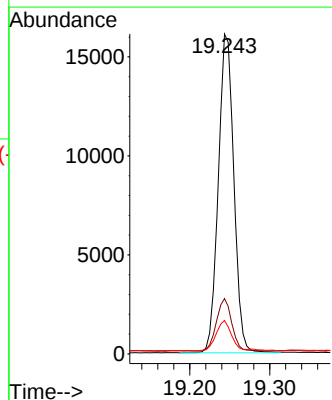
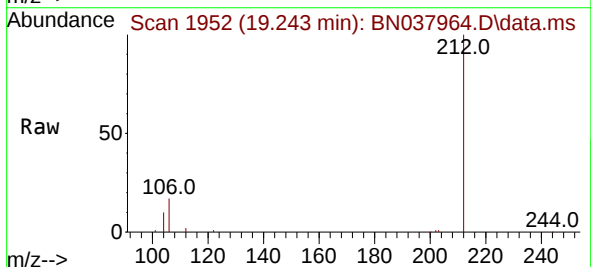
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BNA_N
ClientSampleId :
RW10A-MW01S-20250923

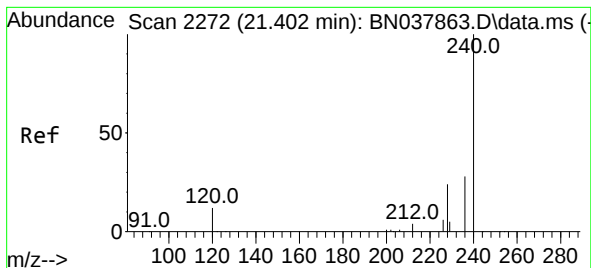
Tgt Ion:188 Resp: 24754
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Tgt Ion:212 Resp: 21781
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.3 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037964.D

Acq: 01 Oct 2025 02:59

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20250923

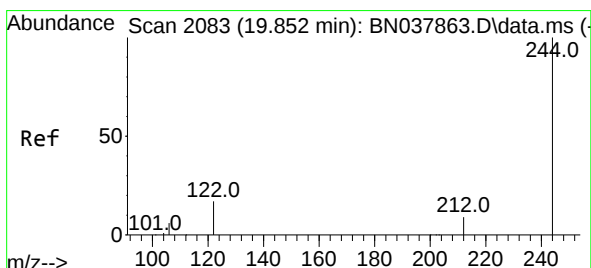
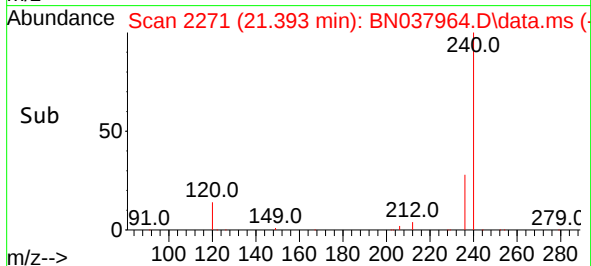
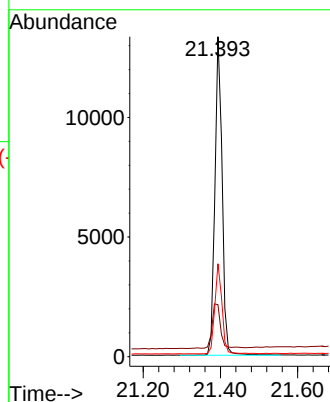
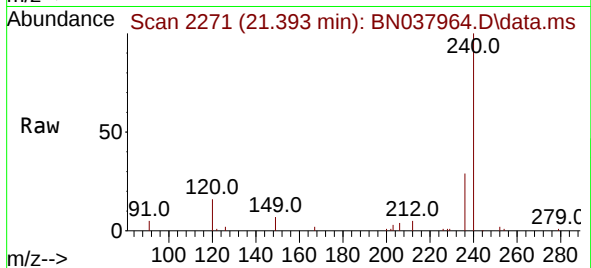
Tgt Ion:240 Resp: 17225

Ion Ratio Lower Upper

240 100

120 16.3 11.4 17.2

236 29.0 23.0 34.6



#31

Terphenyl-d14

Concen: 0.465 ng

RT: 19.843 min Scan# 2081

Delta R.T. -0.009 min

Lab File: BN037964.D

Acq: 01 Oct 2025 02:59

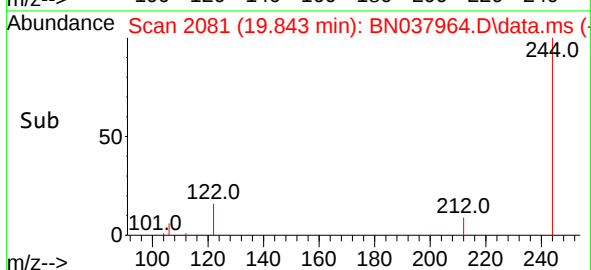
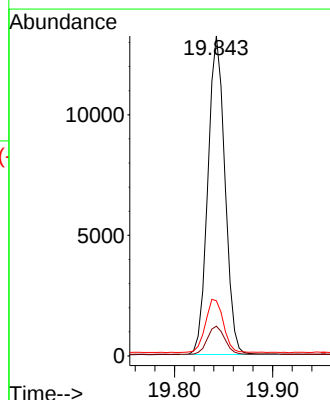
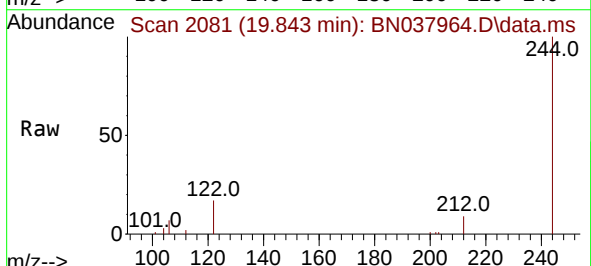
Tgt Ion:244 Resp: 15944

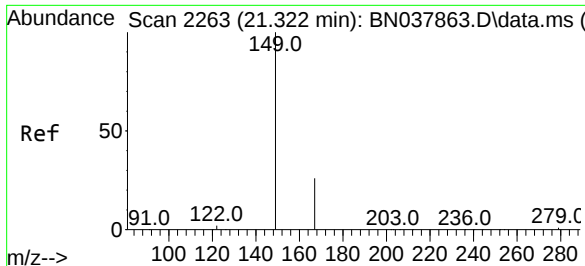
Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 17.3 13.9 20.9

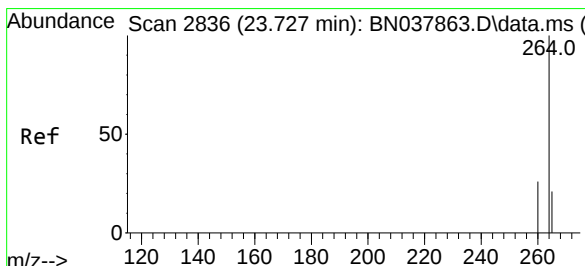
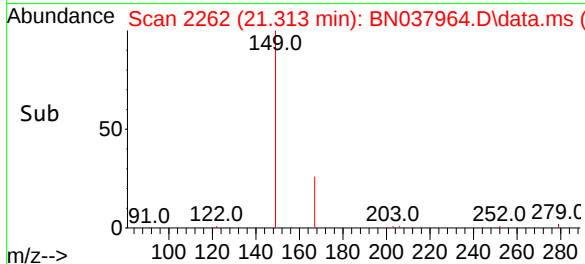
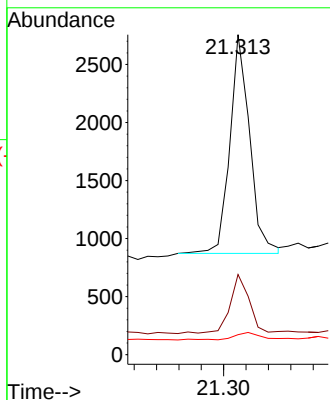
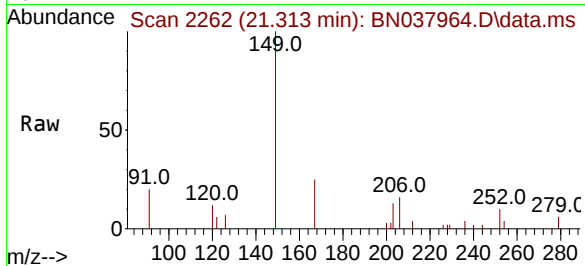




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.313 min Scan# 2133
Delta R.T. -0.009 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250923

Tgt Ion:149 Resp: 2323
Ion Ratio Lower Upper
149 100
167 26.6 20.4 30.6
279 4.6 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BN037964.D
Acq: 01 Oct 2025 02:59

Tgt Ion:264 Resp: 13309
Ion Ratio Lower Upper
264 100
260 26.9 21.5 32.3
265 85.1 53.8 80.6#

