

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037973.D
 Acq On : 01 Oct 2025 08:25
 Operator : RC/JU
 Sample : Q3193-22
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20250924

Quant Time: Oct 01 10:36:40 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)

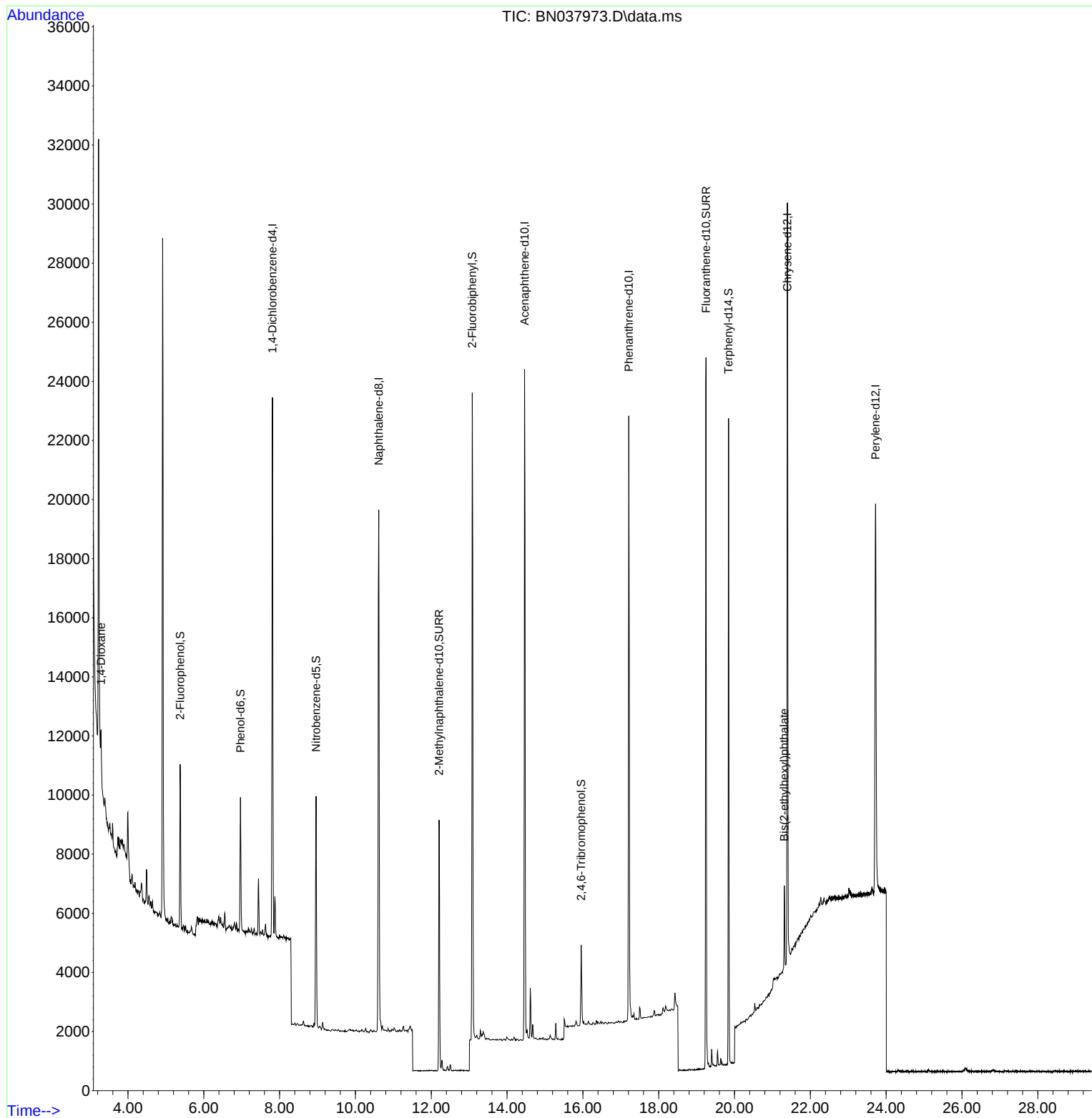
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8836	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	23668	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	13038	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	27082	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	22508	0.400	ng	0.00
35) Perylene-d12	23.721	264	19220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	4354	0.216	ng	0.00
5) Phenol-d6	6.966	99	4043	0.153	ng	0.00
8) Nitrobenzene-d5	8.961	82	5989	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	11249	0.342	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1661	0.336	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	19347	0.362	ng	-0.01
27) Fluoranthene-d10	19.248	212	26297	0.386	ng	0.00
31) Terphenyl-d14	19.842	244	20185	0.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1161	0.129	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.313	149	2910	0.094	ng	# 96

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

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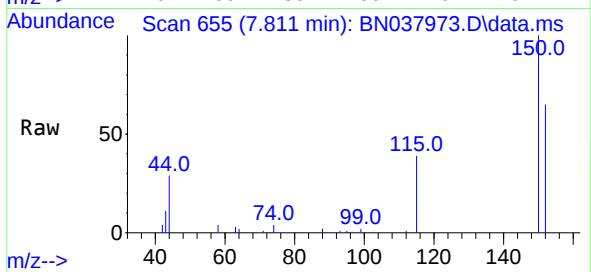
Quant Time: Oct 01 10:36:40 2025
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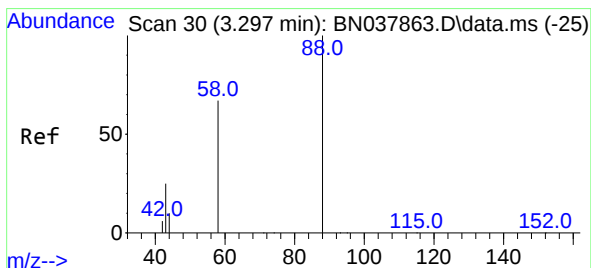
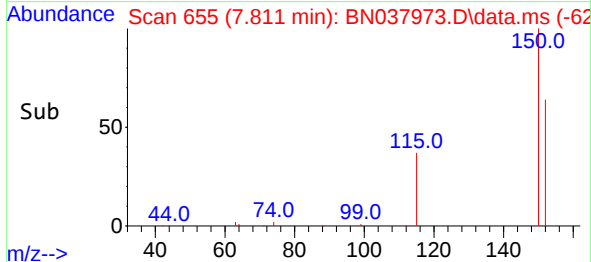
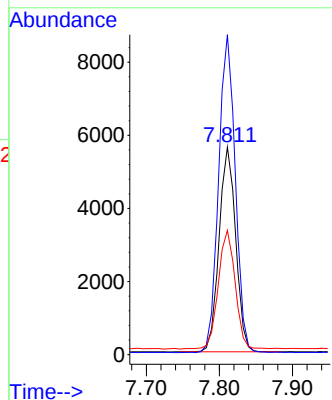


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250924

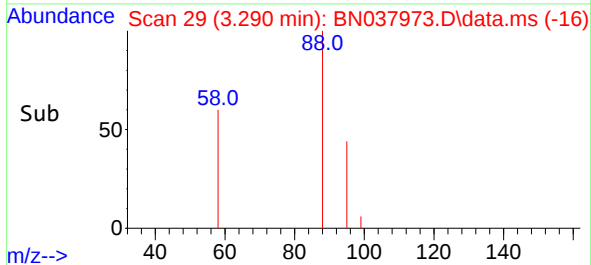
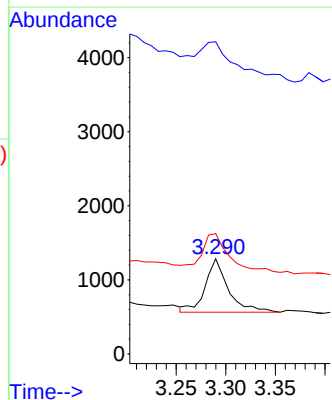
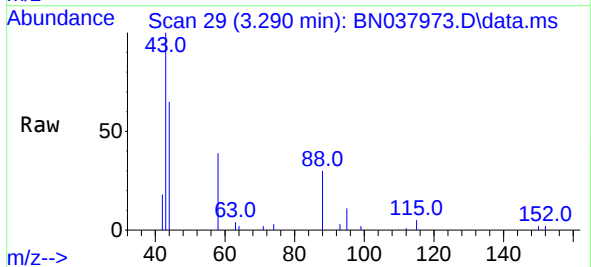


Tgt Ion:152 Resp: 8836
Ion Ratio Lower Upper
152 100
150 154.1 121.0 181.4
115 59.9 47.4 71.0



#2
1,4-Dioxane
Concen: 0.129 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion: 88 Resp: 1161
Ion Ratio Lower Upper
88 100
43 104.4 26.6 39.8#
58 88.1 58.9 88.3

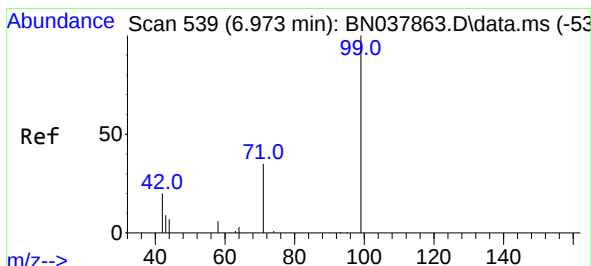
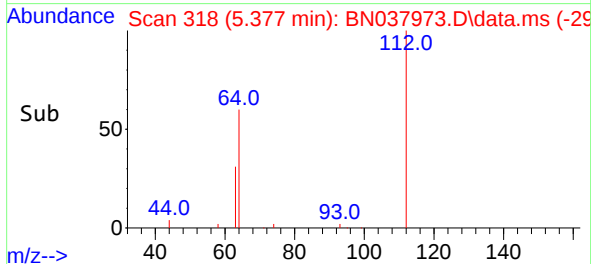
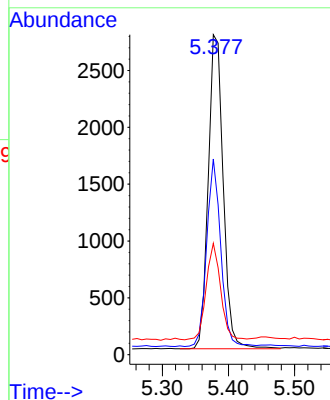
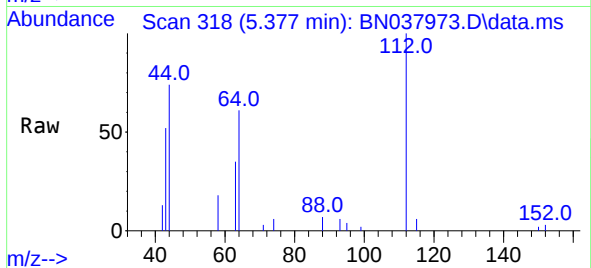




#4
2-Fluorophenol
Concen: 0.216 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

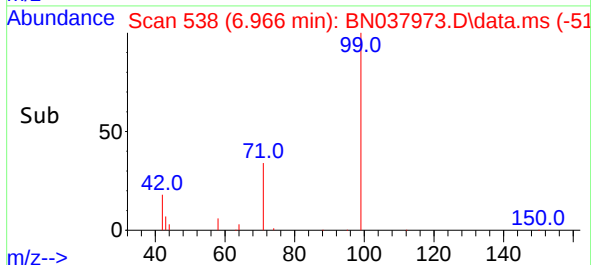
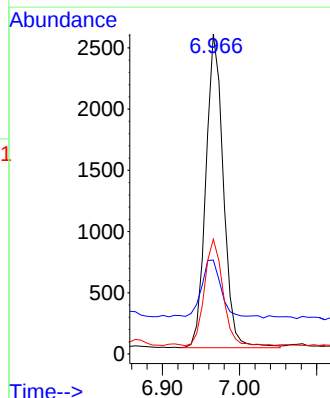
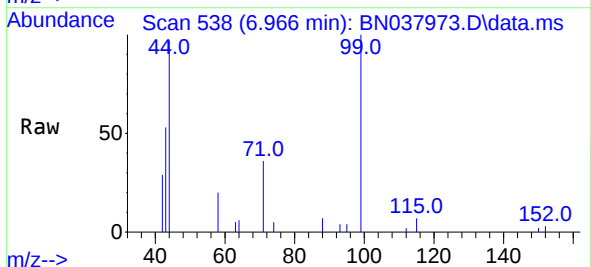
Instrument :
BNA_N
ClientSampleId :
RE120D3-20250924

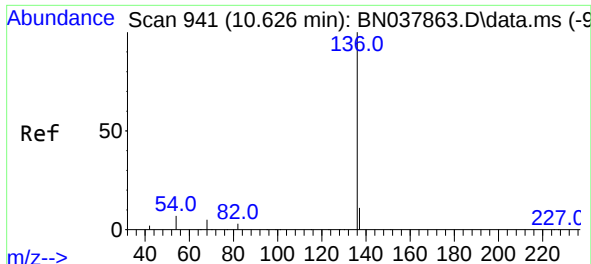
Tgt Ion:112 Resp: 4354
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 29.4 24.9 37.3



#5
Phenol-d6
Concen: 0.153 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion: 99 Resp: 4043
Ion Ratio Lower Upper
99 100
42 21.0 17.2 25.8
71 35.4 27.3 40.9

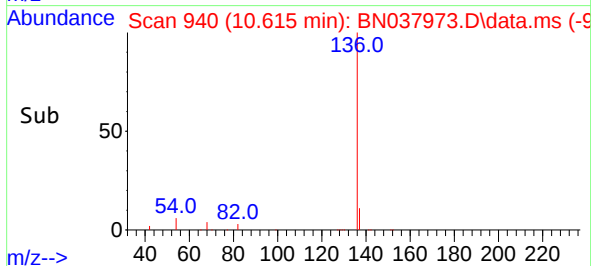
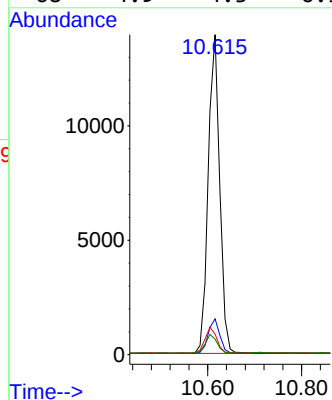
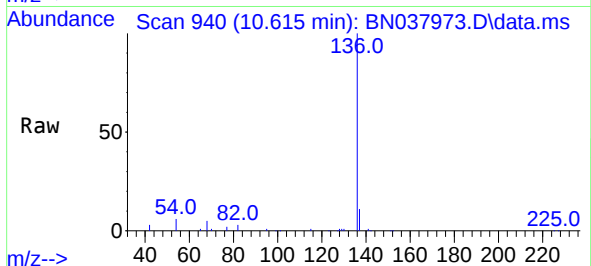




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

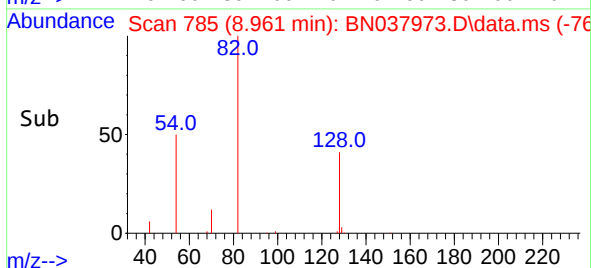
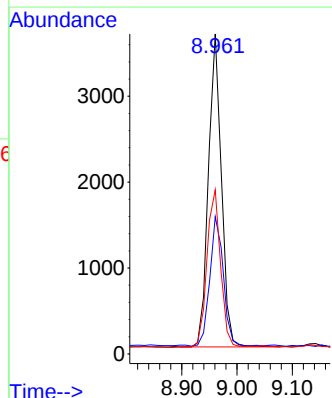
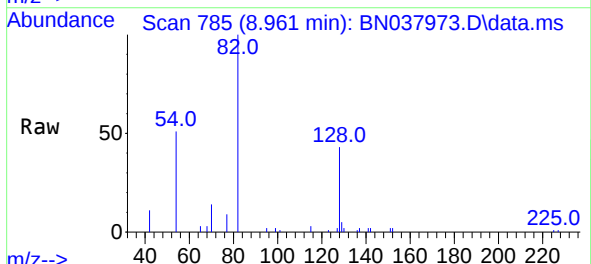
Instrument :
BNA_N
ClientSampleId :
RE120D3-20250924

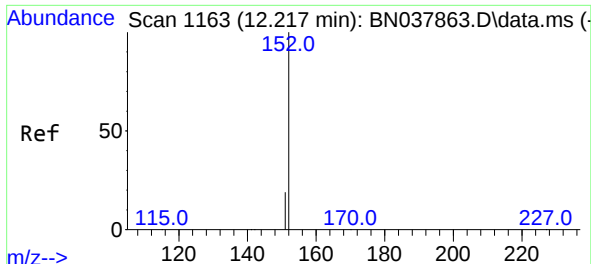
Tgt Ion:136	Resp:	23668
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	6.4	5.8 8.8
68	4.9	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion: 82	Resp:	5989
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.8 52.2
54	51.3	42.2 63.2

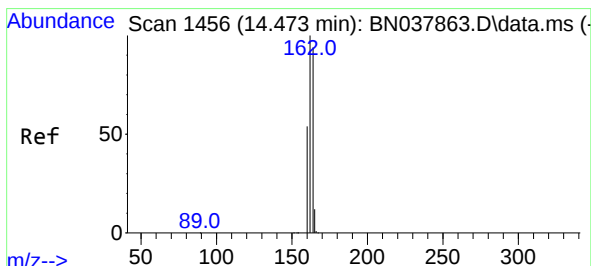
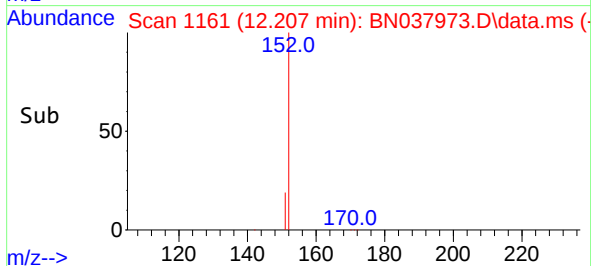
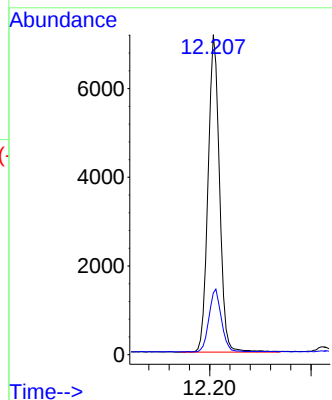
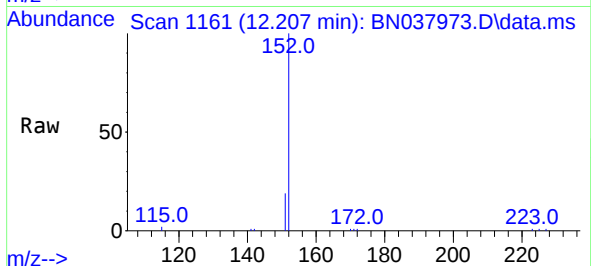




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.207 min Scan# 1163
Delta R.T. -0.010 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

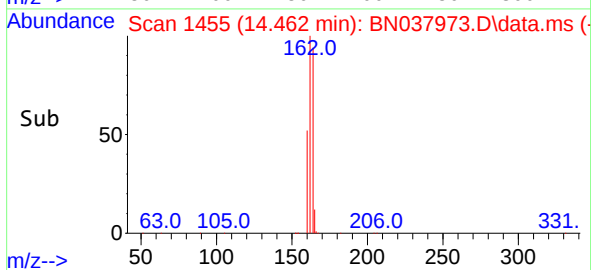
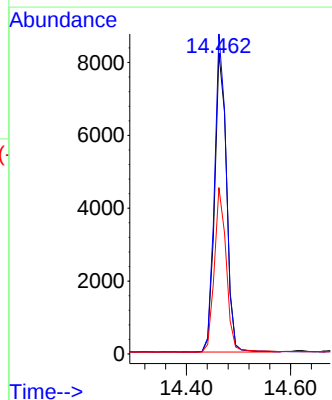
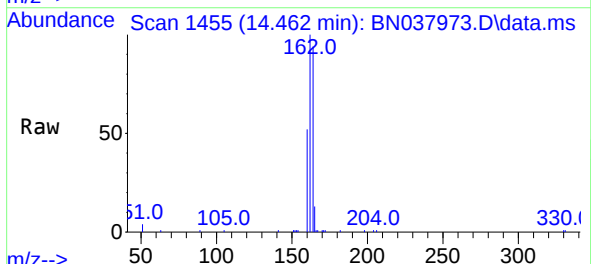
Instrument :
BNA_N
ClientSampleId :
RE120D3-20250924

Tgt Ion:152 Resp: 11249
Ion Ratio Lower Upper
152 100
151 21.4 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: BN037973.D
Acq: 01 Oct 2025 08:25

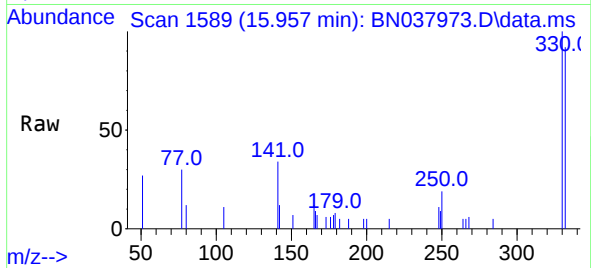
Tgt Ion:164 Resp: 13038
Ion Ratio Lower Upper
164 100
162 106.3 84.8 127.2
160 55.3 46.1 69.1



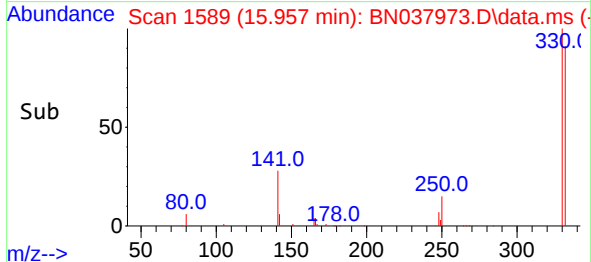
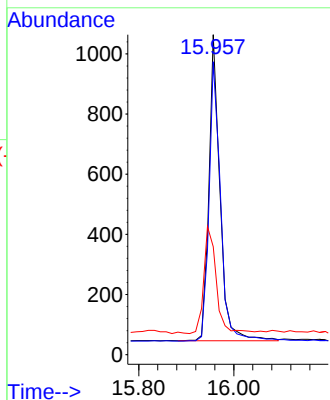


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250924

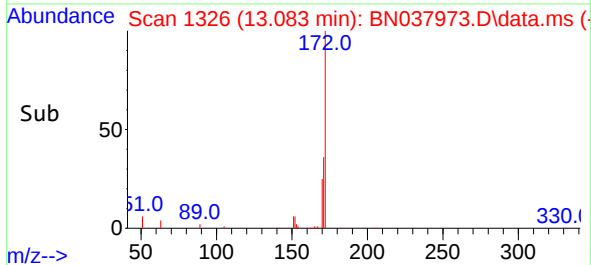
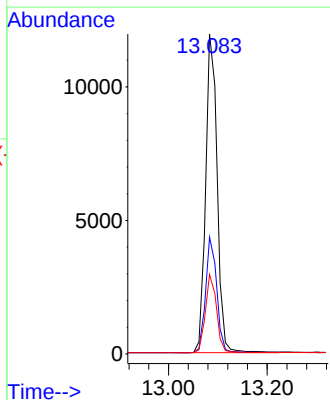
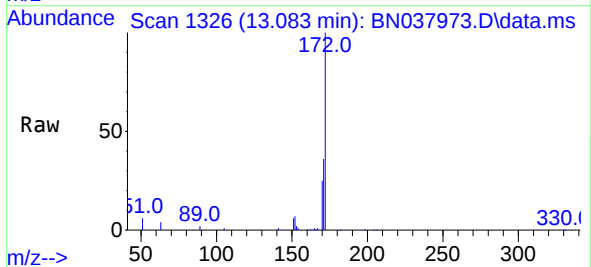


Tgt Ion:330 Resp: 1661
Ion Ratio Lower Upper
330 100
332 94.9 77.2 115.8
141 39.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion:172 Resp: 19347
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.8 19.7 29.5

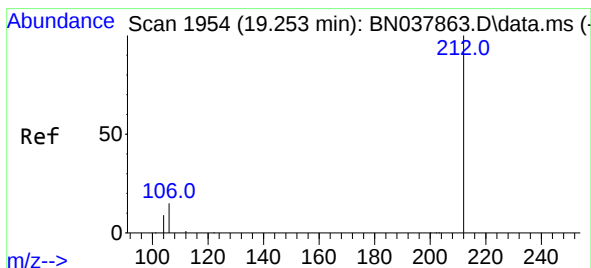
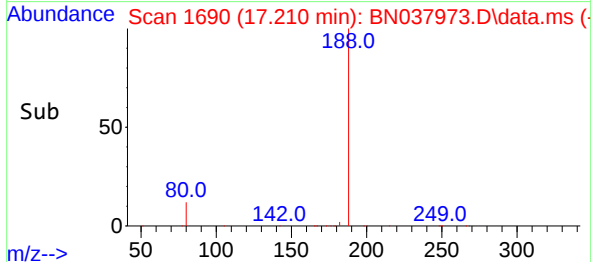
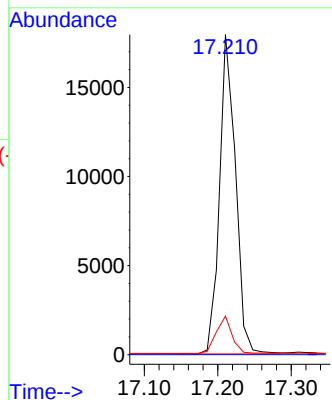
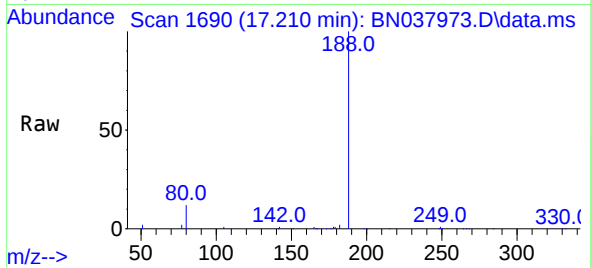




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

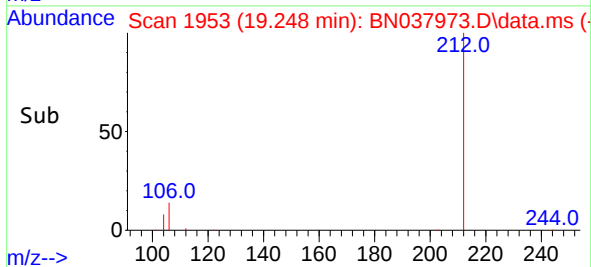
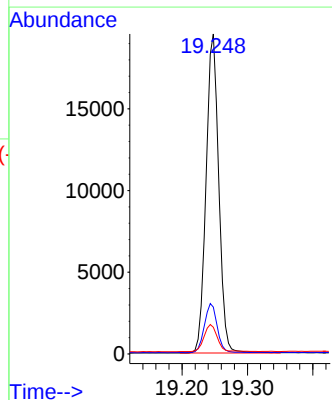
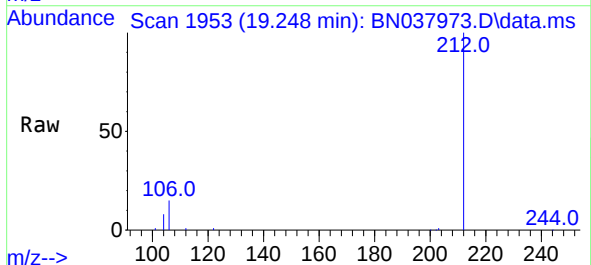
Instrument :
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RE120D3-20250924

Tgt Ion:188 Resp: 27082
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion:212 Resp: 26297
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 8.9 7.4 11.0

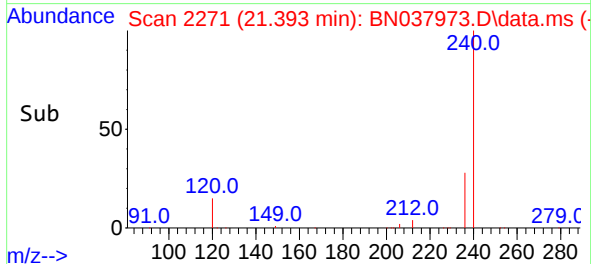
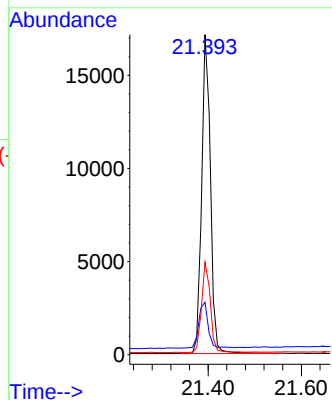
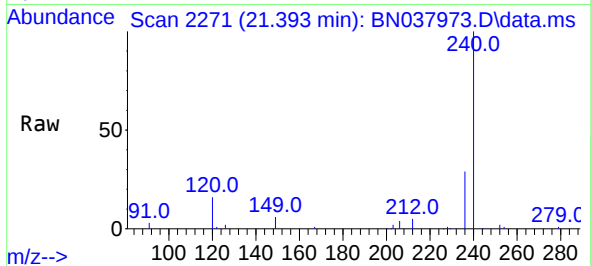




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

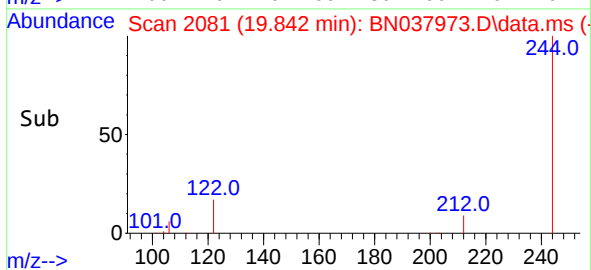
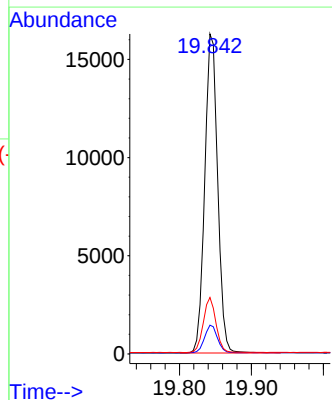
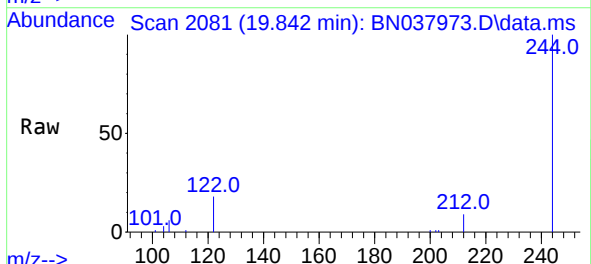
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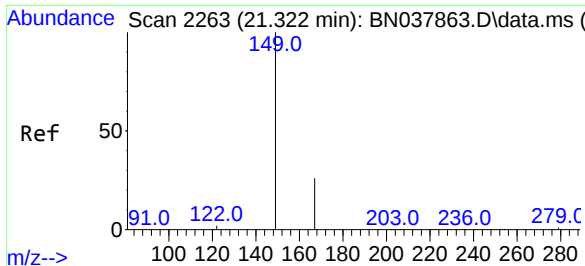
Tgt Ion:240 Resp: 22508
Ion Ratio Lower Upper
240 100
120 16.4 11.4 17.2
236 28.9 23.0 34.6



#31
Terphenyl-d14
Concen: 0.450 ng
RT: 19.842 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion:244 Resp: 20185
Ion Ratio Lower Upper
244 100
212 9.0 7.6 11.4
122 17.6 13.9 20.9

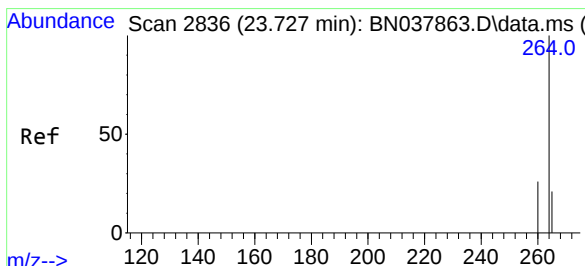
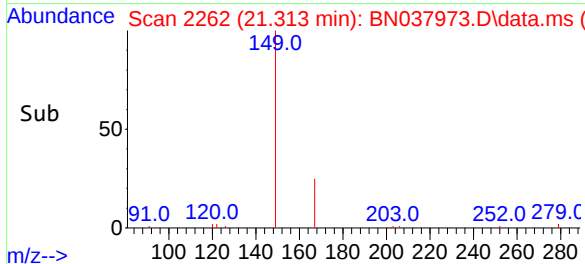
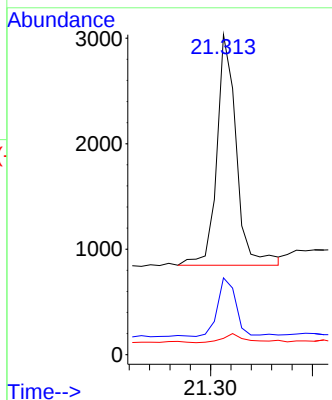
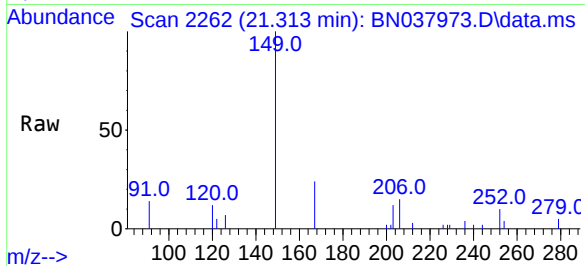




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.313 min Scan# 2132
Delta R.T. -0.009 min
Lab File: BN037973.D
Acq: 01 Oct 2025 08:25

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250924

Tgt Ion:149 Resp: 2910
Ion Ratio Lower Upper
149 100
167 23.6 20.4 30.6
279 5.0 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: BN037973.D
Acq: 01 Oct 2025 08:25

Tgt Ion:264 Resp: 19220
Ion Ratio Lower Upper
264 100
260 27.0 21.5 32.3
265 68.6 53.8 80.6

