

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037972.D
 Acq On : 01 Oct 2025 07:49
 Operator : RC/JU
 Sample : Q3193-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250924

Quant Time: Oct 01 10:36:24 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)

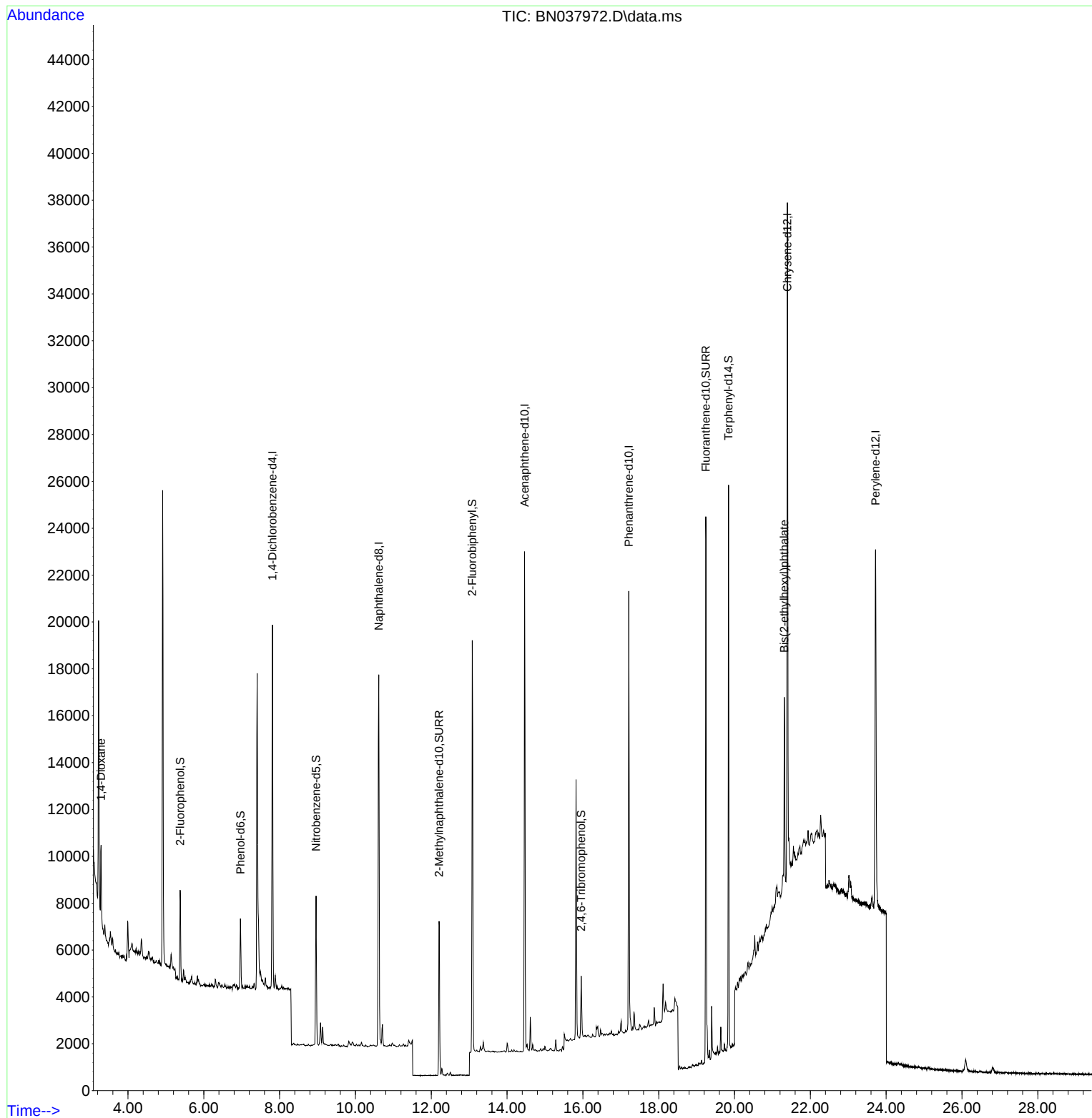
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7339	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	21391	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11392	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	23692	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	24495	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	21866	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3091	0.185	ng	0.00
5) Phenol-d6	6.966	99	2664	0.121	ng	0.00
8) Nitrobenzene-d5	8.960	82	4872	0.299	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	8857	0.298	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1498	0.347	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15128	0.324	ng	-0.01
27) Fluoranthene-d10	19.243	212	25218	0.423	ng	0.00
31) Terphenyl-d14	19.842	244	20926	0.429	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	2091	0.281	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.312	149	7882	0.233	ng	# 97

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

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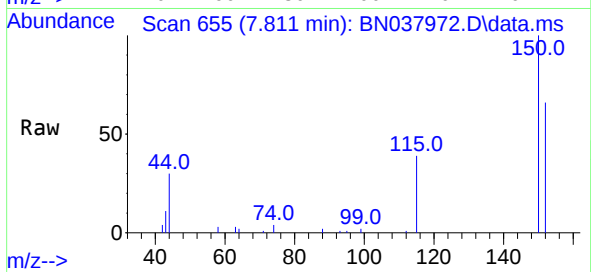
Quant Time: Oct 01 10:36:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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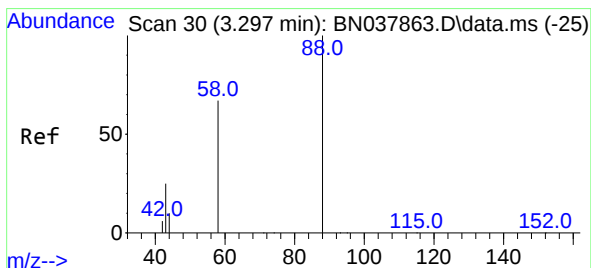
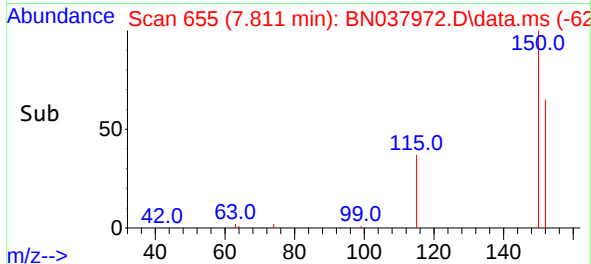
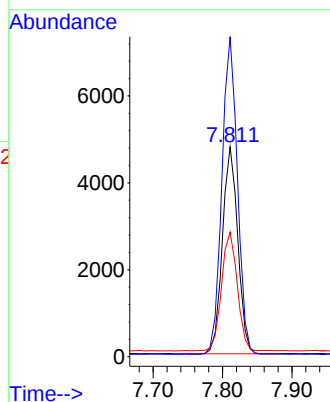


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

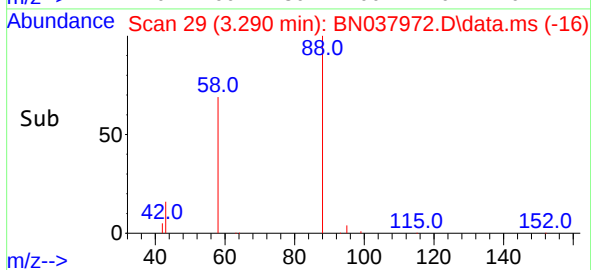
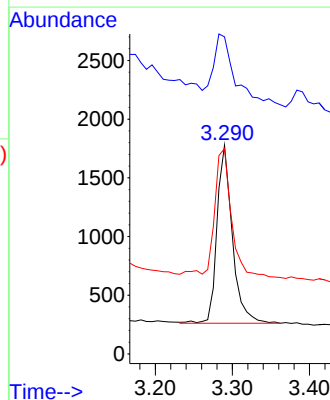
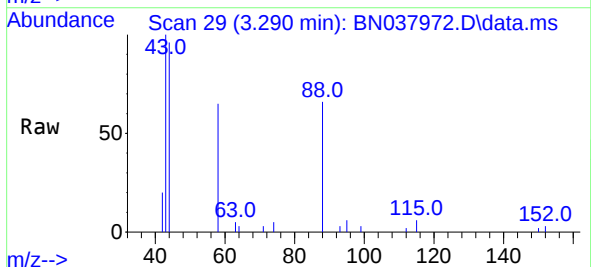


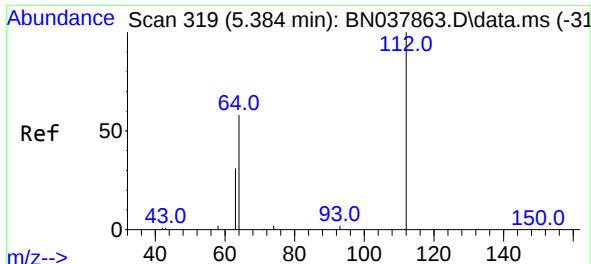
Tgt Ion:152 Resp: 7339
Ion Ratio Lower Upper
152 100
150 152.4 121.0 181.4
115 59.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.281 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion: 88 Resp: 2091
Ion Ratio Lower Upper
88 100
43 56.2 26.6 39.8#
58 77.8 58.9 88.3



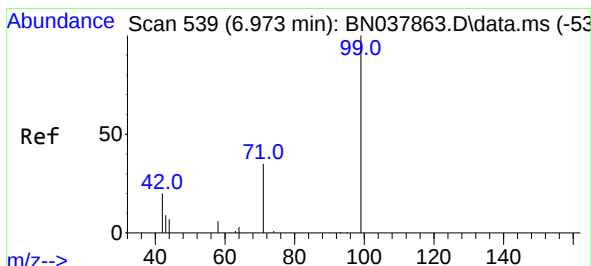
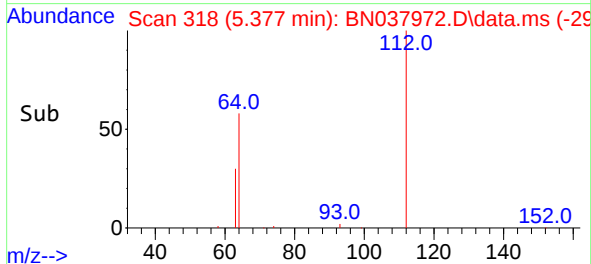
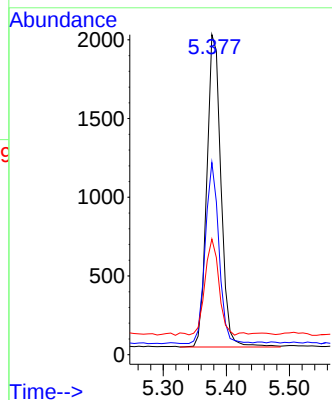
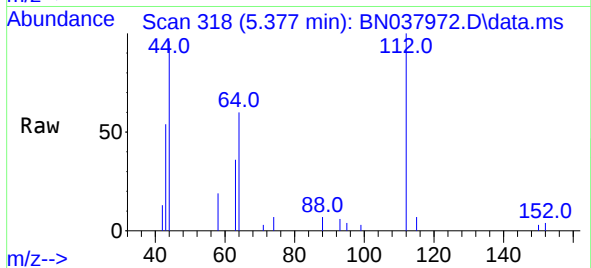


#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.377 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:112 Resp: 3091

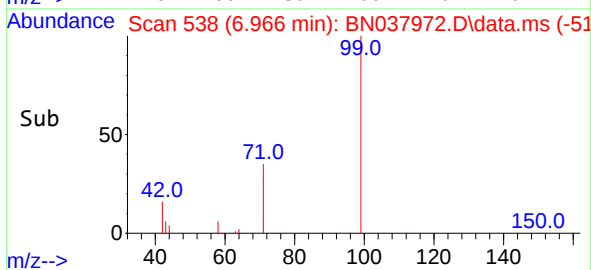
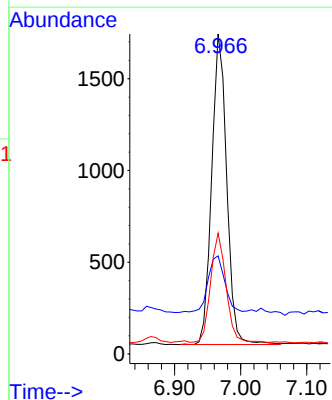
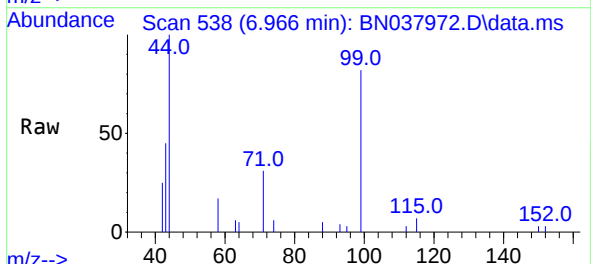
Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.6	66.8
63	30.6	24.9	37.3

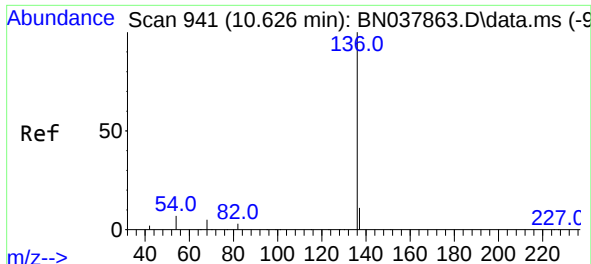


#5
Phenol-d6
Concen: 0.121 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.008 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion: 99 Resp: 2664

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.2	25.8
71	35.7	27.3	40.9

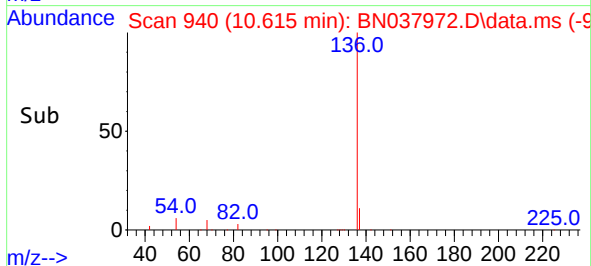
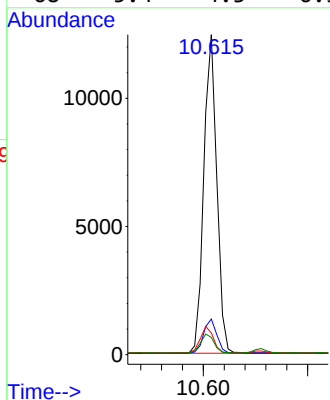
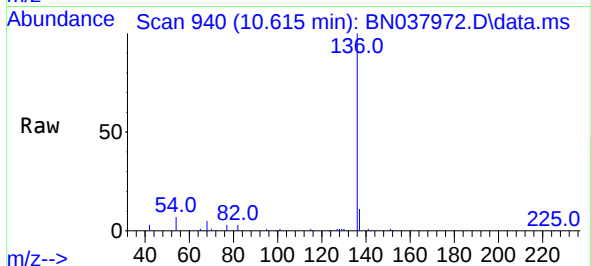




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

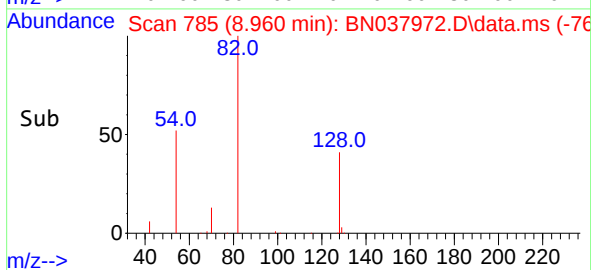
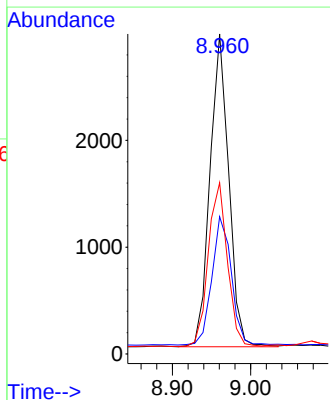
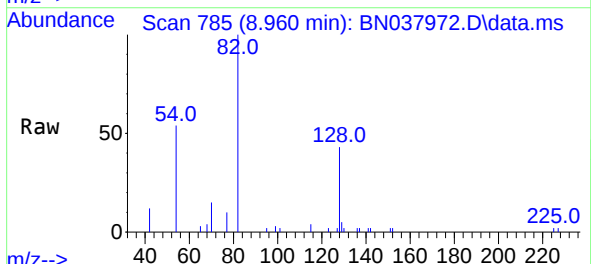
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:	136	Resp:	21391
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.8	8.8
68	5.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.960 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:	82	Resp:	4872
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.8	52.2
54	53.5	42.2	63.2

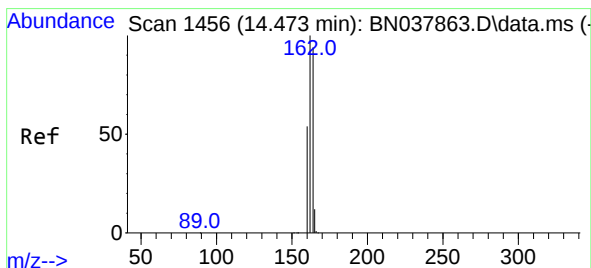
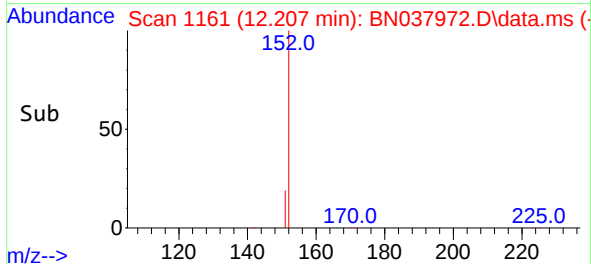
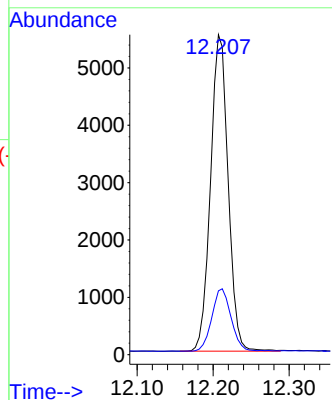
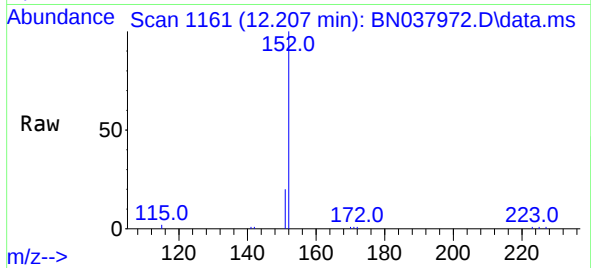




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

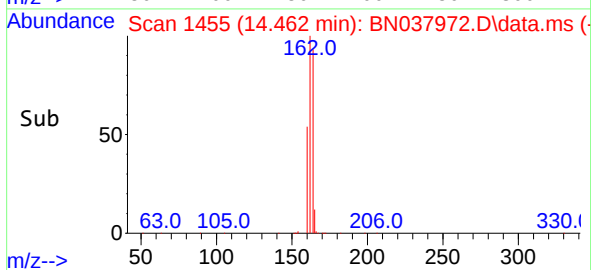
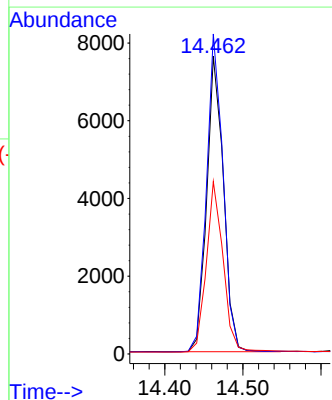
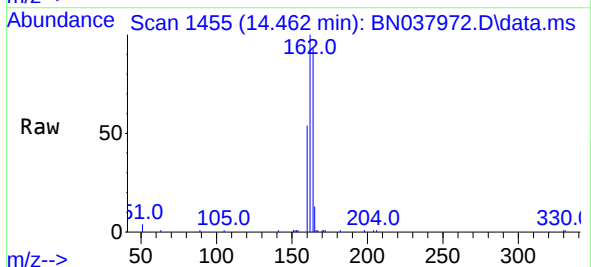
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:152 Resp: 8857
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: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:164 Resp: 11392
Ion Ratio Lower Upper
164 100
162 107.5 84.8 127.2
160 57.8 46.1 69.1

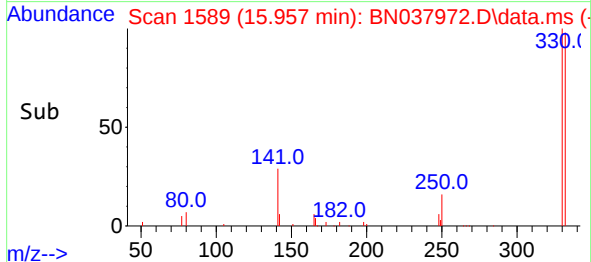
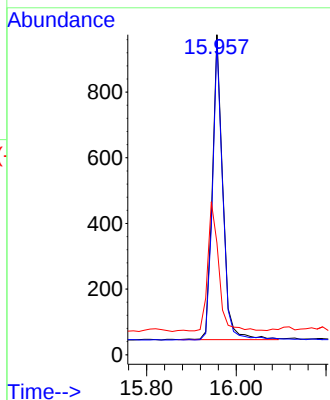
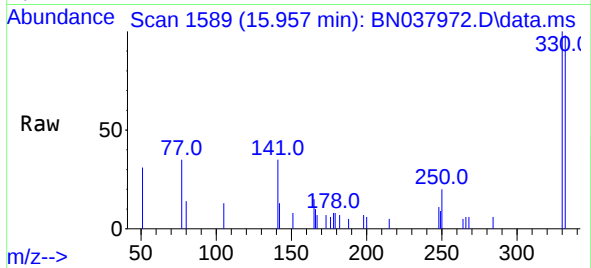




#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

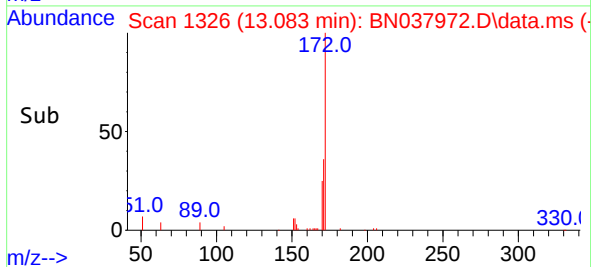
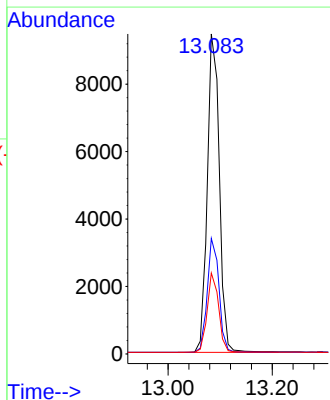
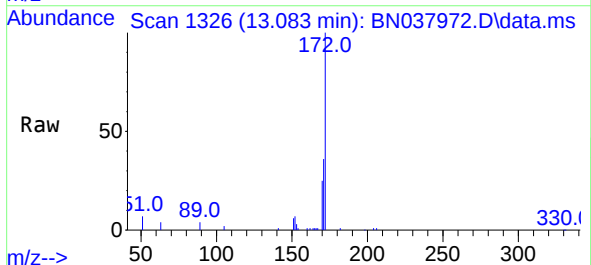
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:330 Resp: 1498
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 44.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

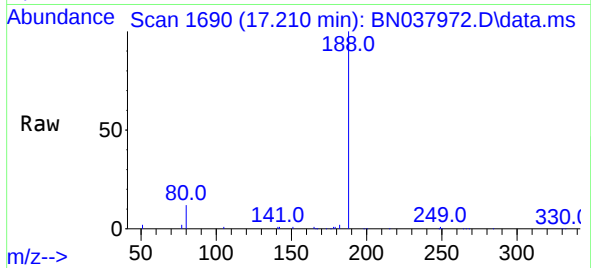
Tgt Ion:172 Resp: 15128
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.3 19.7 29.5



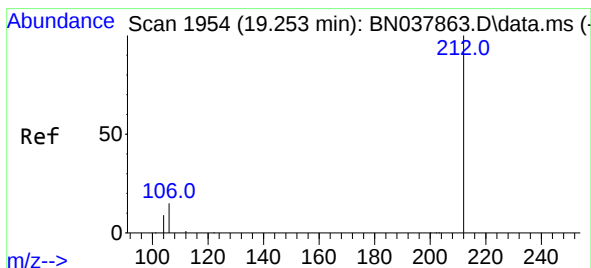
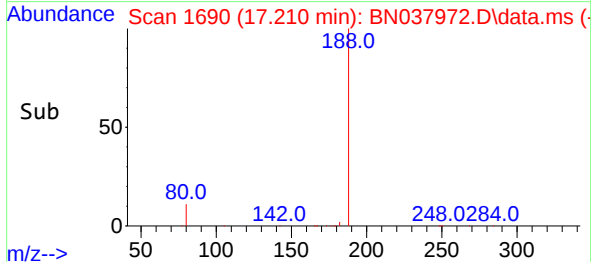
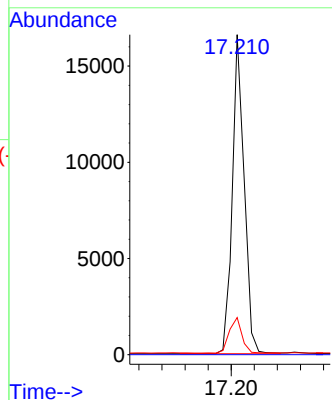


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

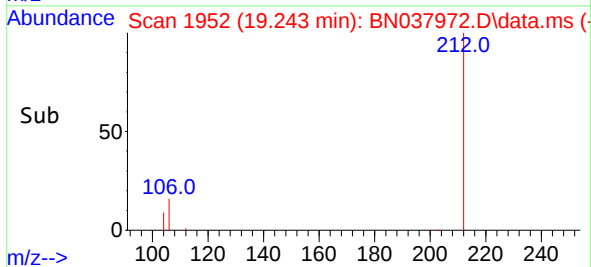
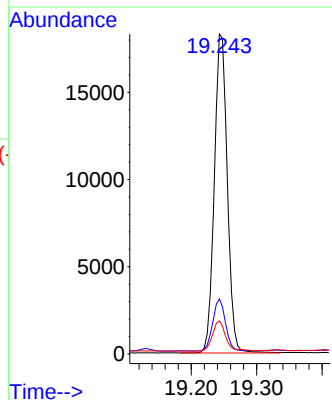
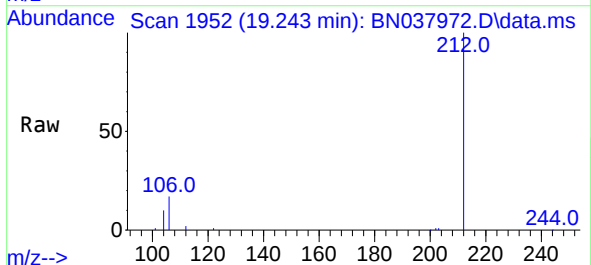


Tgt Ion:188 Resp: 23692
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.010 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:212 Resp: 25218
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.5 7.4 11.0

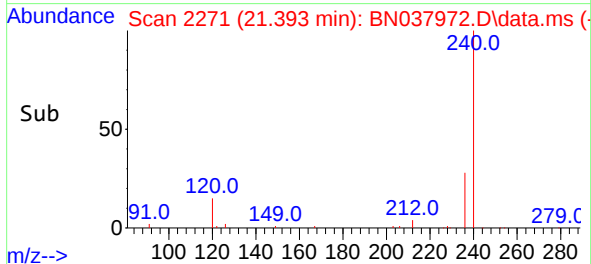
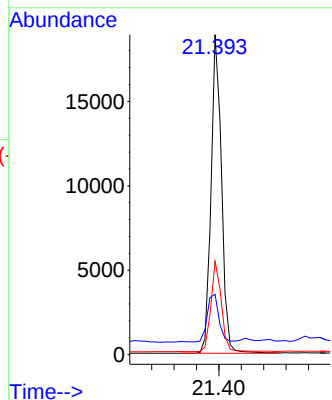
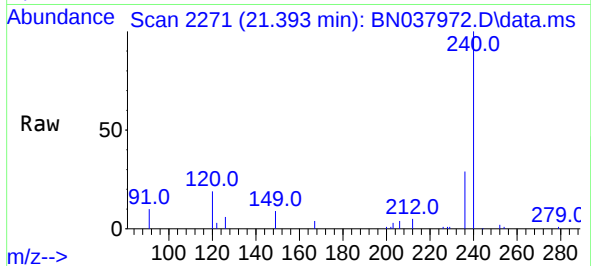




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

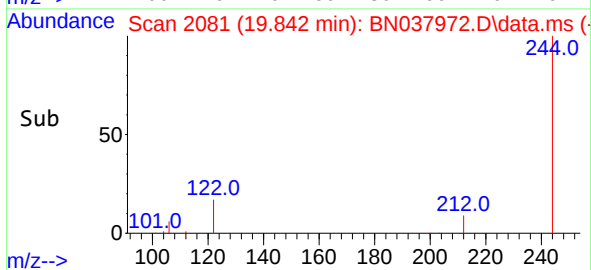
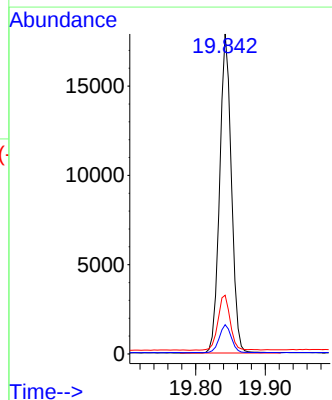
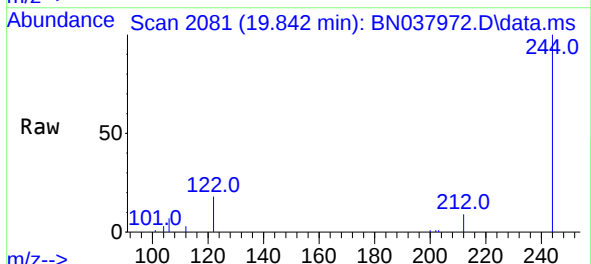
Instrument :
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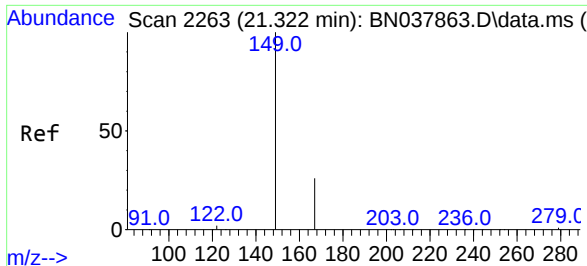
Tgt Ion:240 Resp: 24495
Ion Ratio Lower Upper
240 100
120 18.8 11.4 17.2#
236 29.1 23.0 34.6



#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.842 min Scan# 2081
Delta R.T. -0.010 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:244 Resp: 20926
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 18.3 13.9 20.9

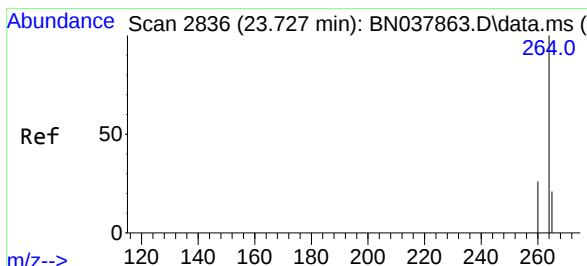
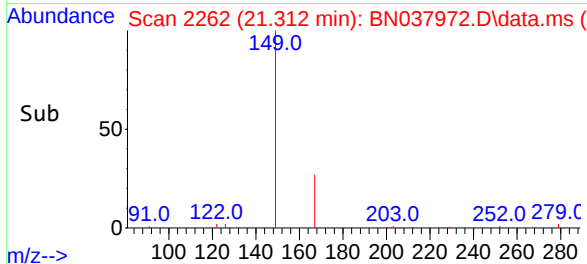
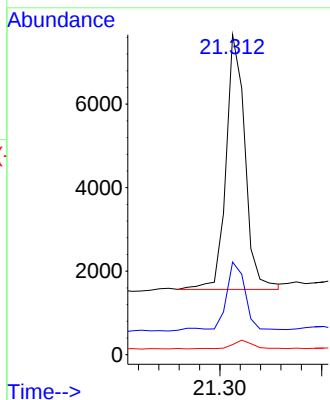
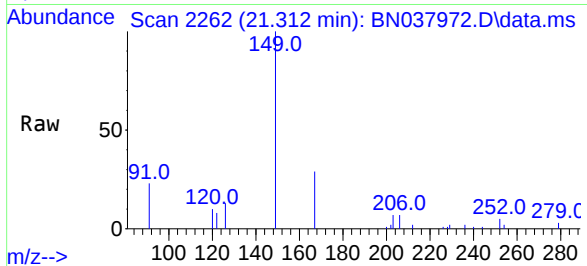




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.233 ng
 RT: 21.312 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037972.D
 Acq: 01 Oct 2025 07:49

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250924

Tgt Ion:149 Resp: 7882
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.4 30.6
 279 3.9 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: BN037972.D
 Acq: 01 Oct 2025 07:49

Tgt Ion:264 Resp: 21866
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.5 32.3
 265 61.9 53.8 80.6

