

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037938.D
 Acq On : 29 Sep 2025 16:57
 Operator : RC/JU
 Sample : Q3156-05DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250918DL

Quant Time: Sep 29 17:21:43 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)

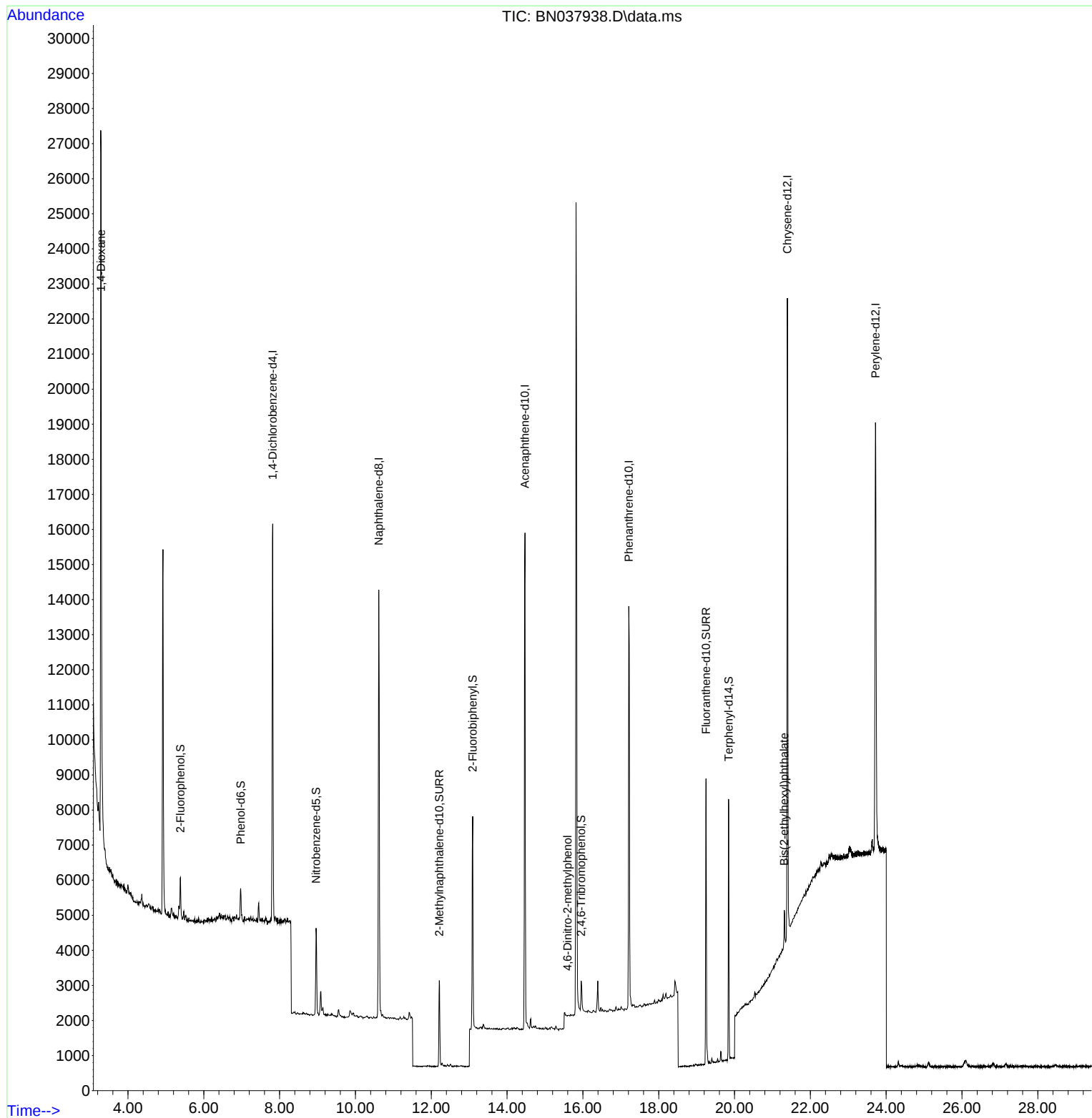
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	5575	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	16174	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	8394	0.400	ng	0.00
19) Phenanthrene-d10	17.211	188	17604	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	16611	0.400	ng	# 0.00
35) Perylene-d12	23.718	264	17857	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1037	0.082	ng	0.00
5) Phenol-d6	6.973	99	839	0.050	ng	0.00
8) Nitrobenzene-d5	8.961	82	2083	0.169	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	3413	0.152	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	570	0.179	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	5598	0.163	ng	0.00
27) Fluoranthene-d10	19.248	212	8829	0.199	ng	0.00
31) Terphenyl-d14	19.847	244	6901	0.209	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	15688	2.772	ng	98
20) 4,6-Dinitro-2-methylph...	15.597	198	10	0.072	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1227	0.053	ng	# 98

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

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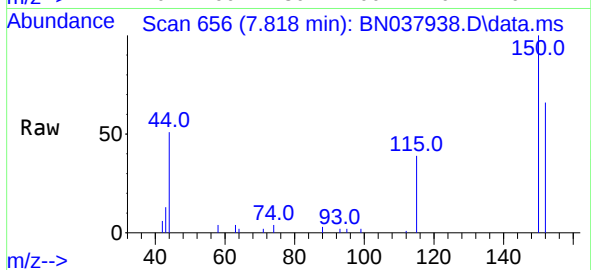
Quant Time: Sep 29 17:21:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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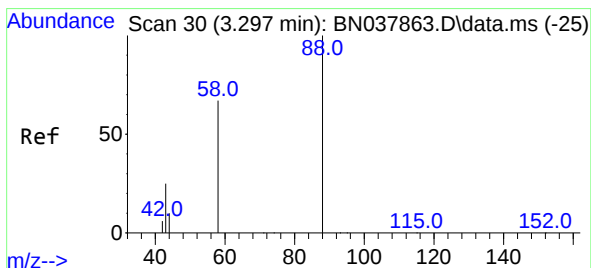
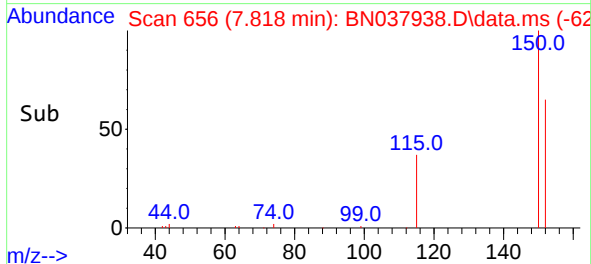
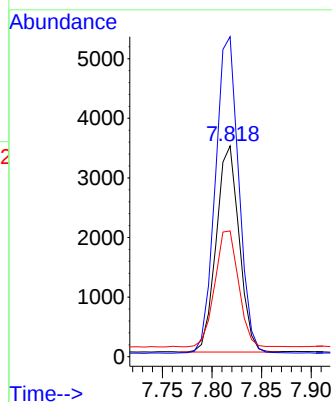


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918DL

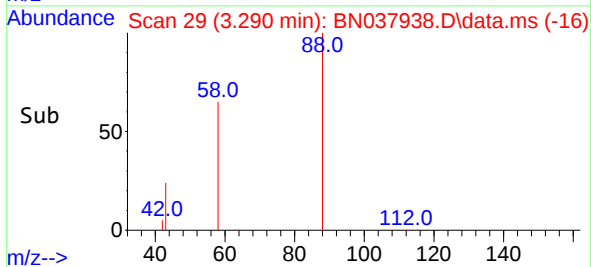
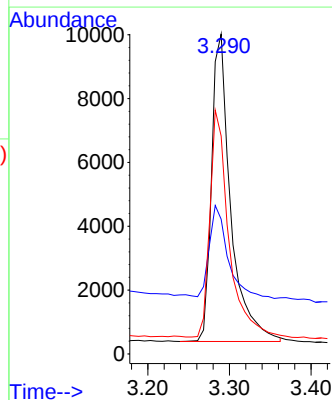
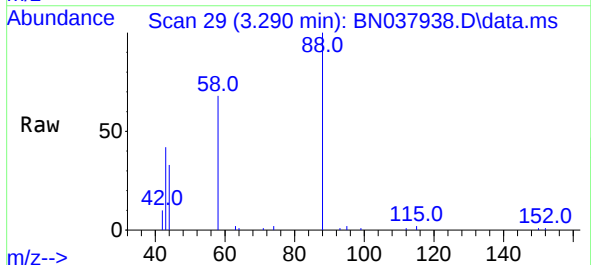


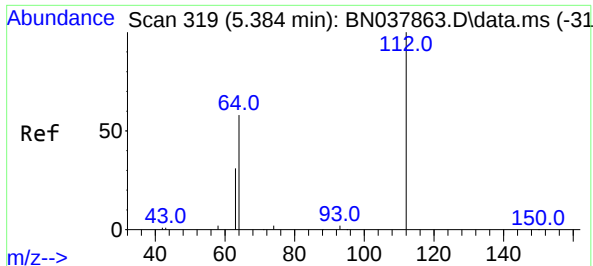
Tgt Ion:152 Resp: 5575
Ion Ratio Lower Upper
152 100
150 151.9 121.0 181.4
115 59.7 47.4 71.0



#2
1,4-Dioxane
Concen: 2.772 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion: 88 Resp: 15688
Ion Ratio Lower Upper
88 100
43 29.7 26.6 39.8
58 73.0 58.9 88.3

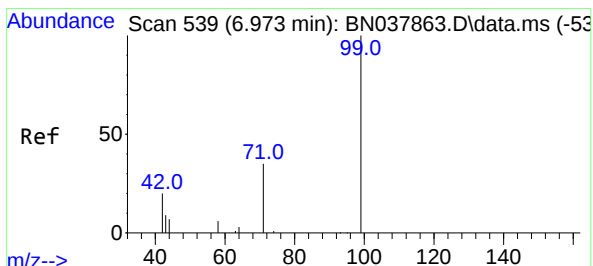
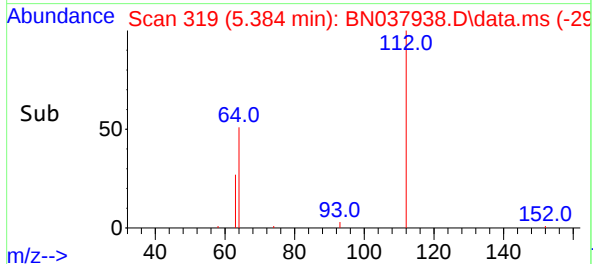
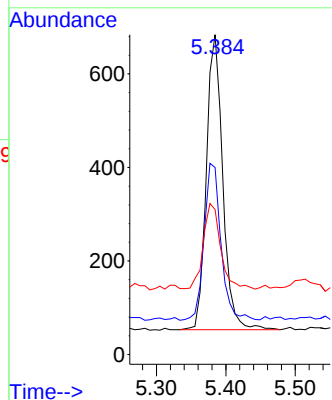
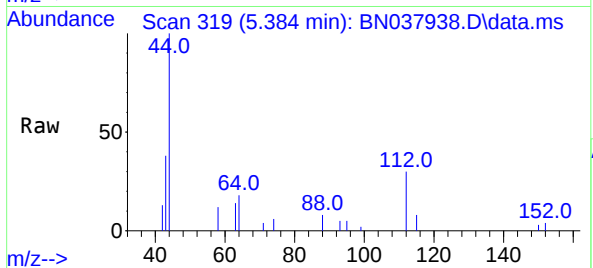




#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

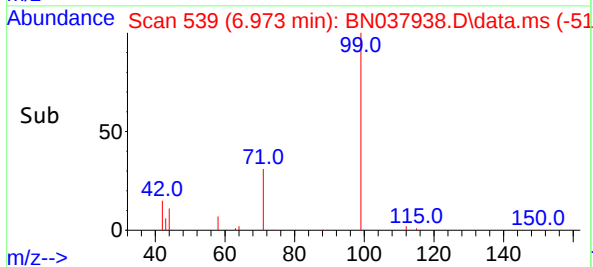
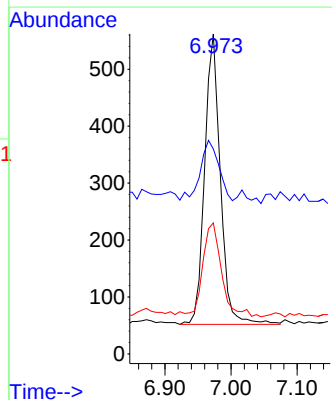
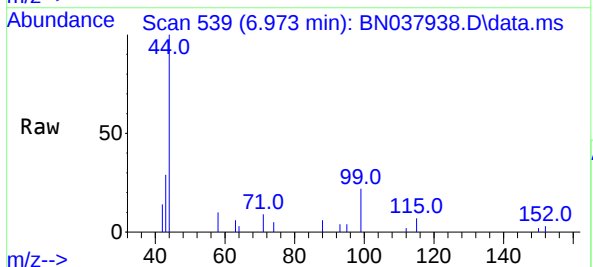
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918DL

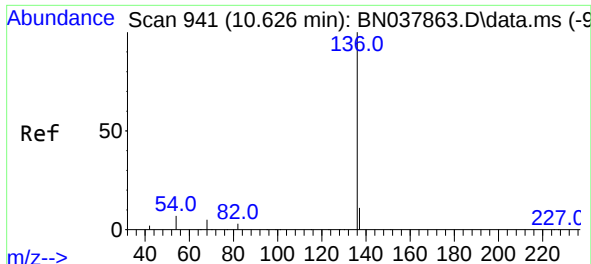
Tgt Ion:	112	Resp:	1037
Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.6	66.8
63	32.0	24.9	37.3



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion:	99	Resp:	839
Ion	Ratio	Lower	Upper
99	100		
42	24.4	17.2	25.8
71	38.6	27.3	40.9

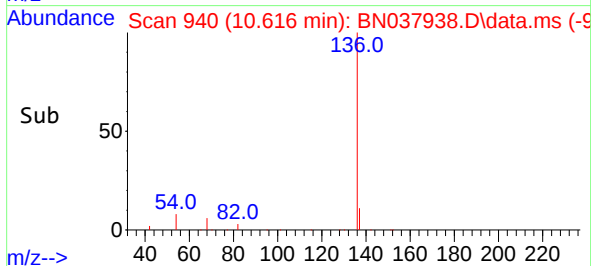
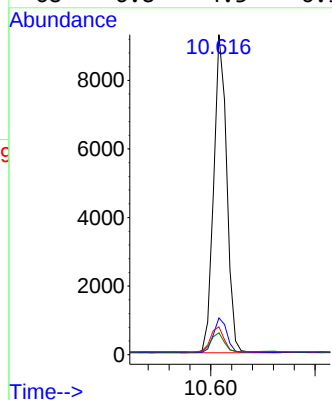
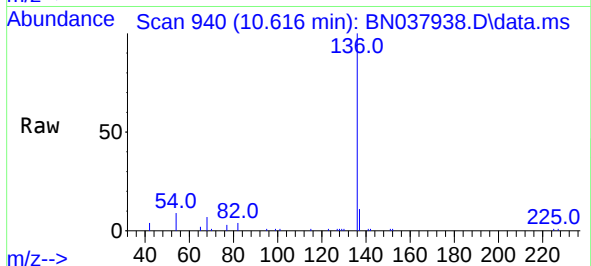




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

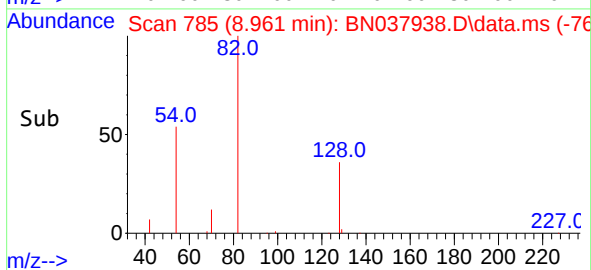
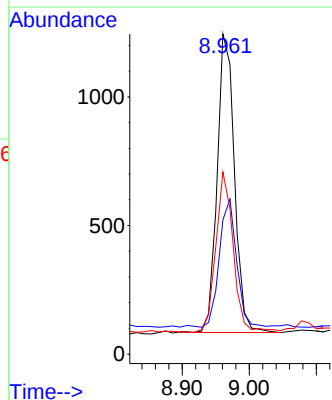
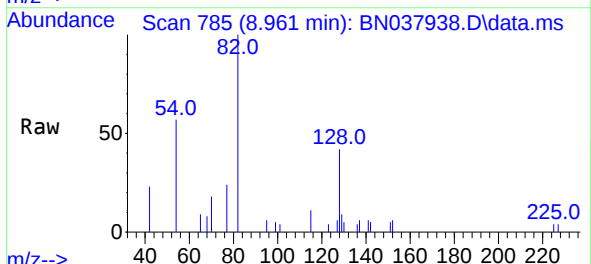
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918DL

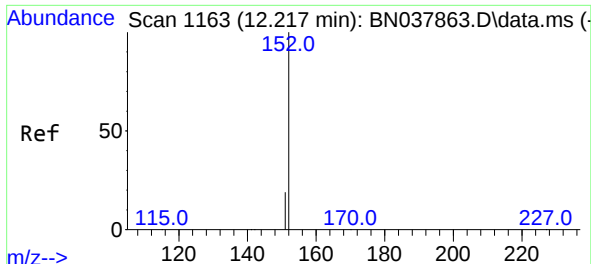
Tgt Ion:	136	Resp:	16174
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.7	5.8	8.8
68	6.8	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.169 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion:	82	Resp:	2083
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.8	52.2
54	56.9	42.2	63.2

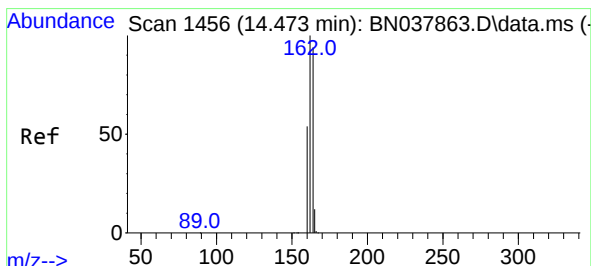
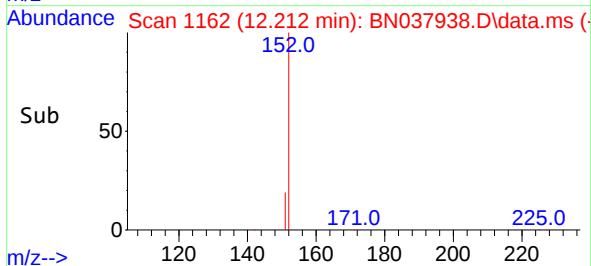
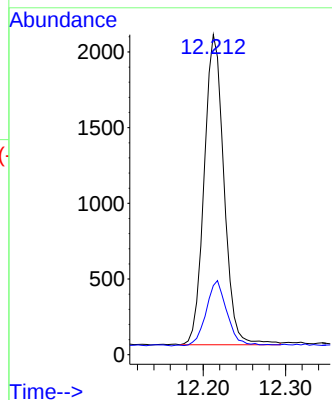
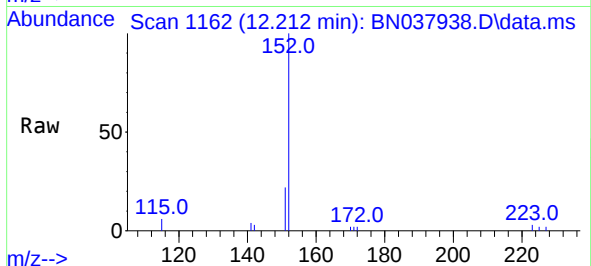




#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 12.212 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

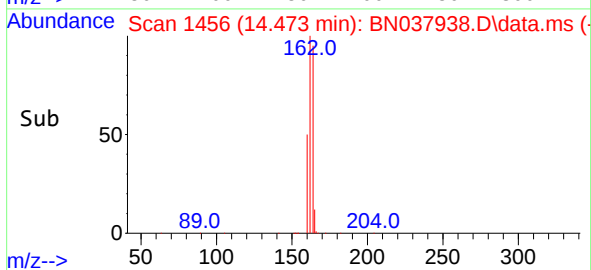
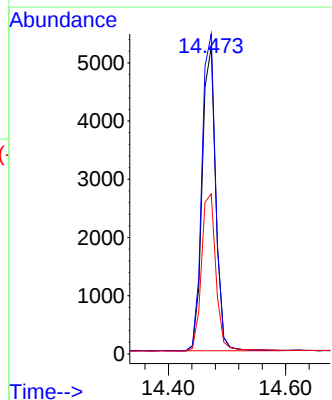
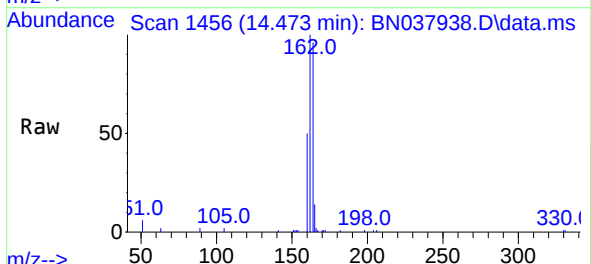
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918DL

Tgt Ion:152 Resp: 3413
Ion Ratio Lower Upper
152 100
151 22.2 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

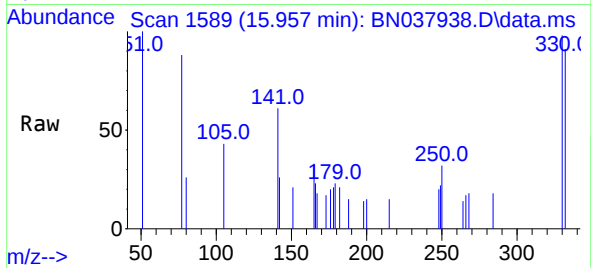
Tgt Ion:164 Resp: 8394
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 52.1 46.1 69.1



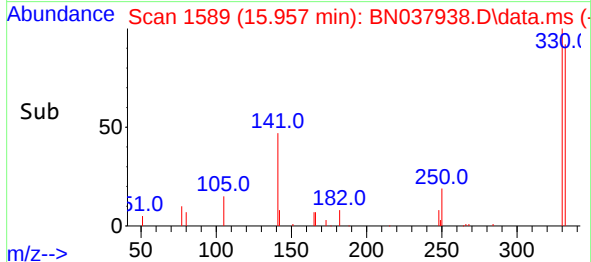
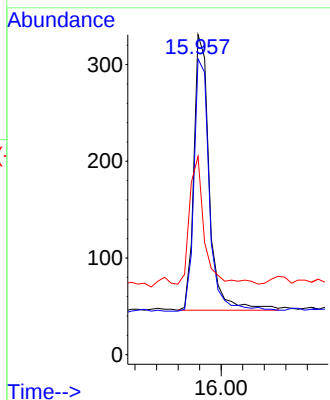


#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918DL

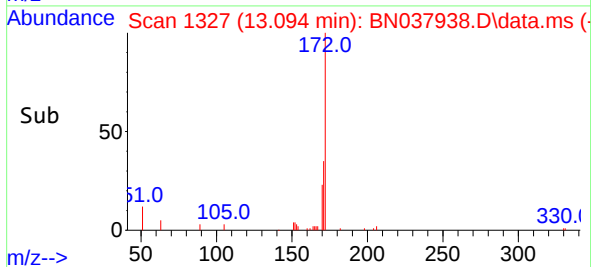
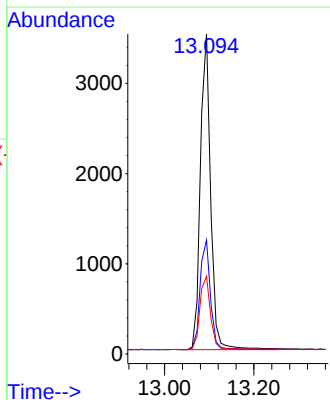
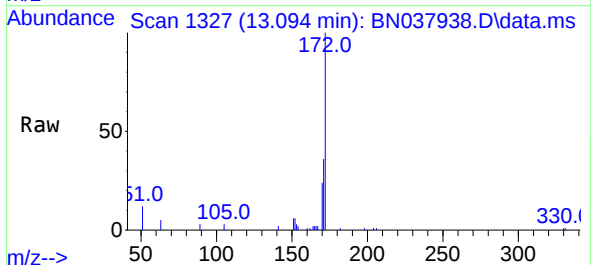


Tgt Ion:330 Resp: 570
Ion Ratio Lower Upper
330 100
332 91.4 77.2 115.8
141 43.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.163 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion:172 Resp: 5598
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.3 19.7 29.5

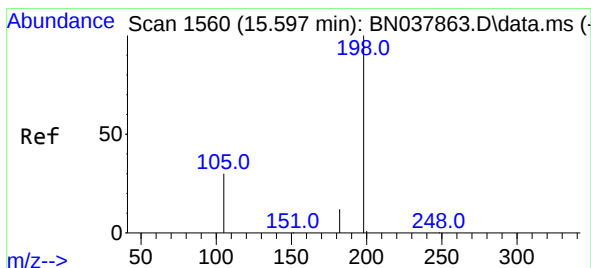
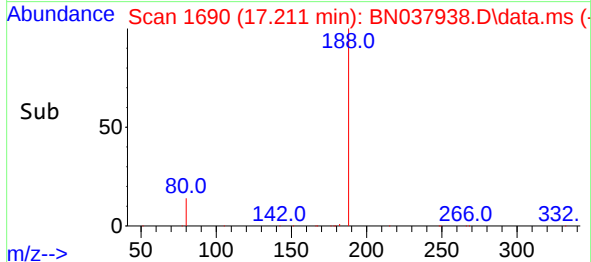
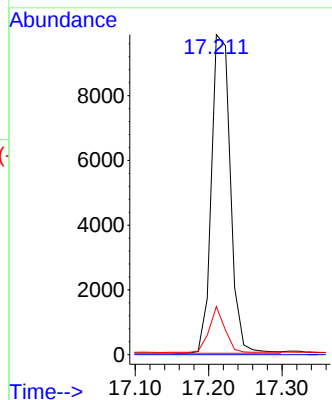
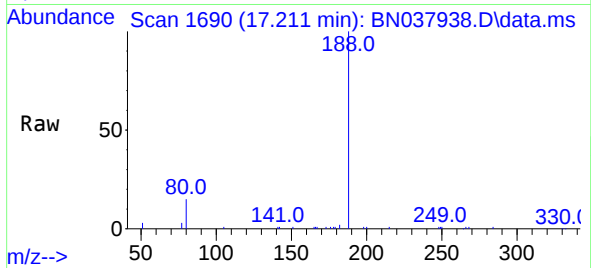




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

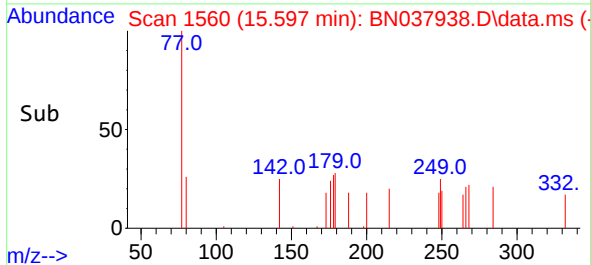
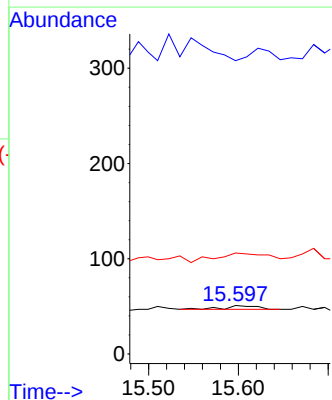
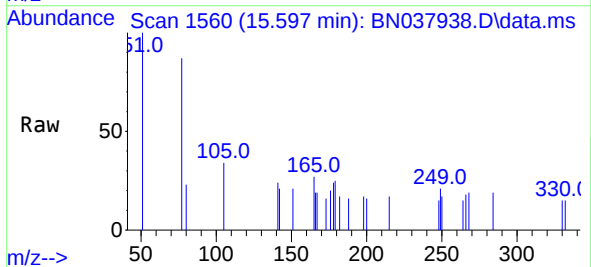
Instrument :
BNA_N
ClientSampleId :
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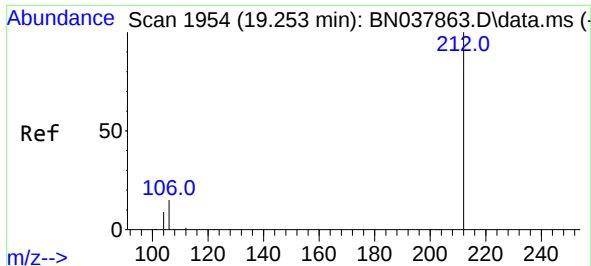
Tgt Ion:188 Resp: 17604
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 603.9 59.1 88.7#
105 207.8 41.3 61.9#

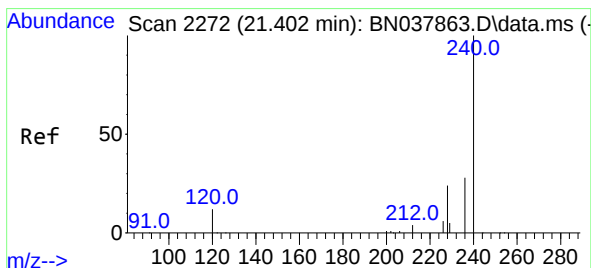
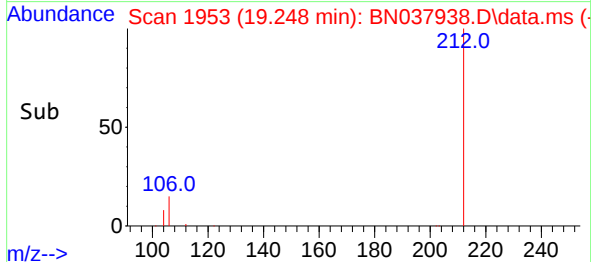
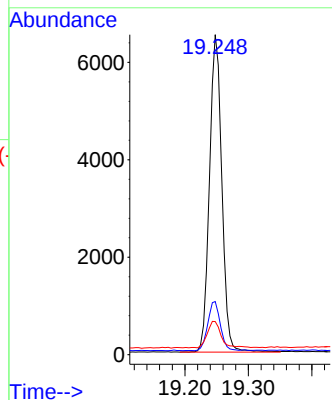
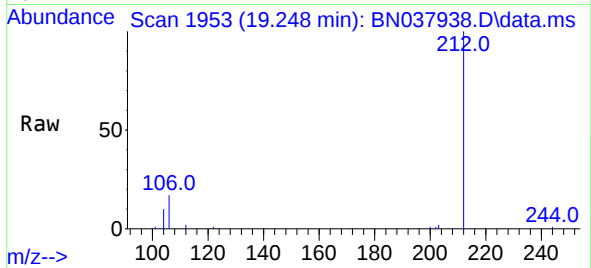




#27
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

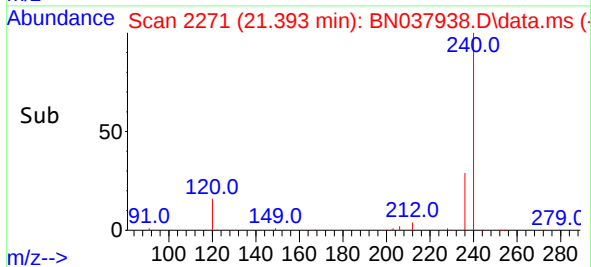
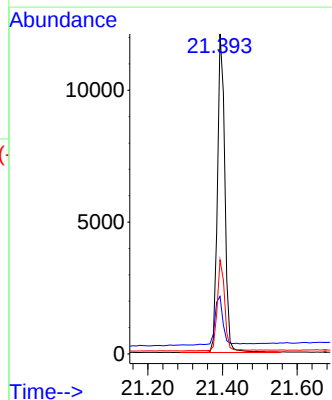
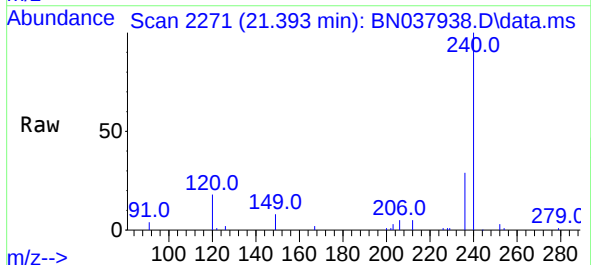
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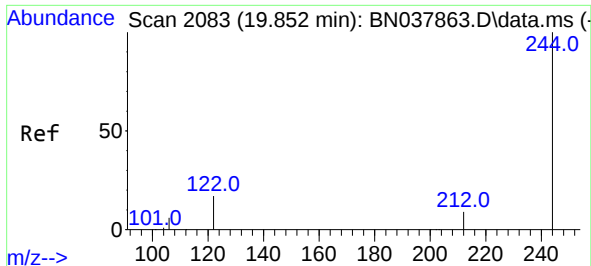
Tgt Ion:212 Resp: 8829
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 8.9 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion:240 Resp: 16611
Ion Ratio Lower Upper
240 100
120 18.0 11.4 17.2#
236 29.4 23.0 34.6

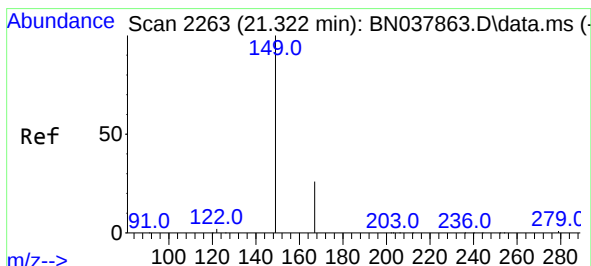
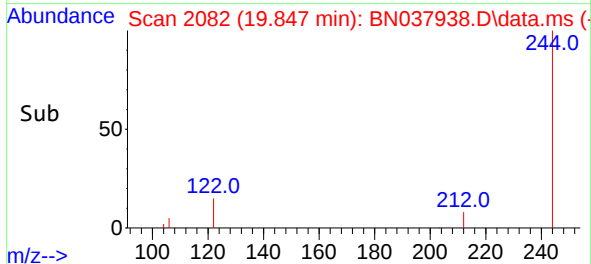
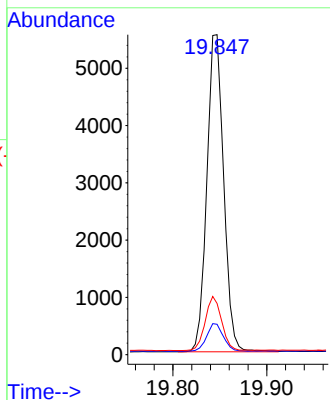
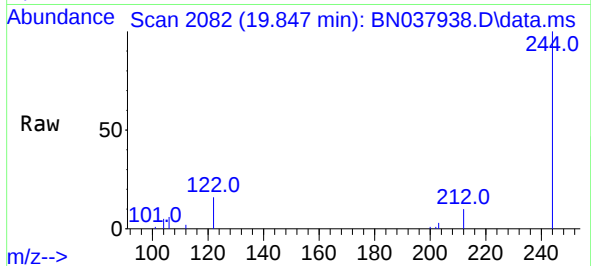




#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.847 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

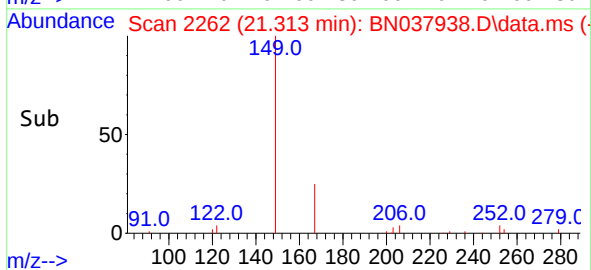
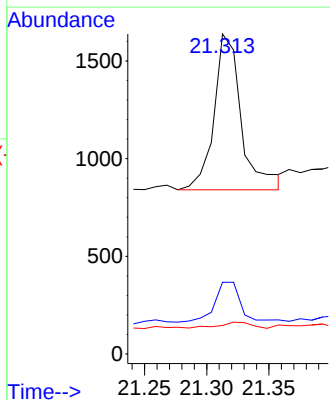
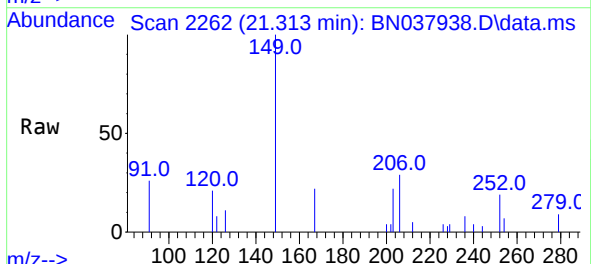
Instrument :
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ClientSampleId :
RE132D2-20250918DL

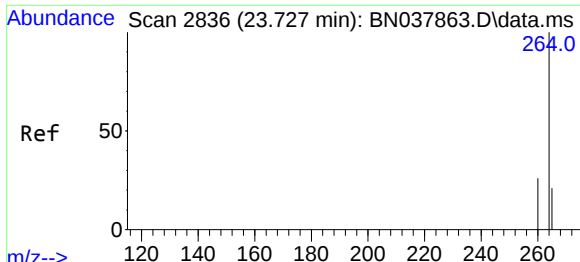
Tgt Ion:244 Resp: 6901
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 16.0 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Tgt Ion:149 Resp: 1227
Ion Ratio Lower Upper
149 100
167 24.5 20.4 30.6
279 4.6 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.718 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037938.D
Acq: 29 Sep 2025 16:57

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250918DL

Tgt Ion:	264	Resp:	17857
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	74.8	53.8	80.6

