

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037939.D
 Acq On : 29 Sep 2025 17:33
 Operator : RC/JU
 Sample : Q3156-06DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918DL

Quant Time: Sep 29 18:03:28 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)

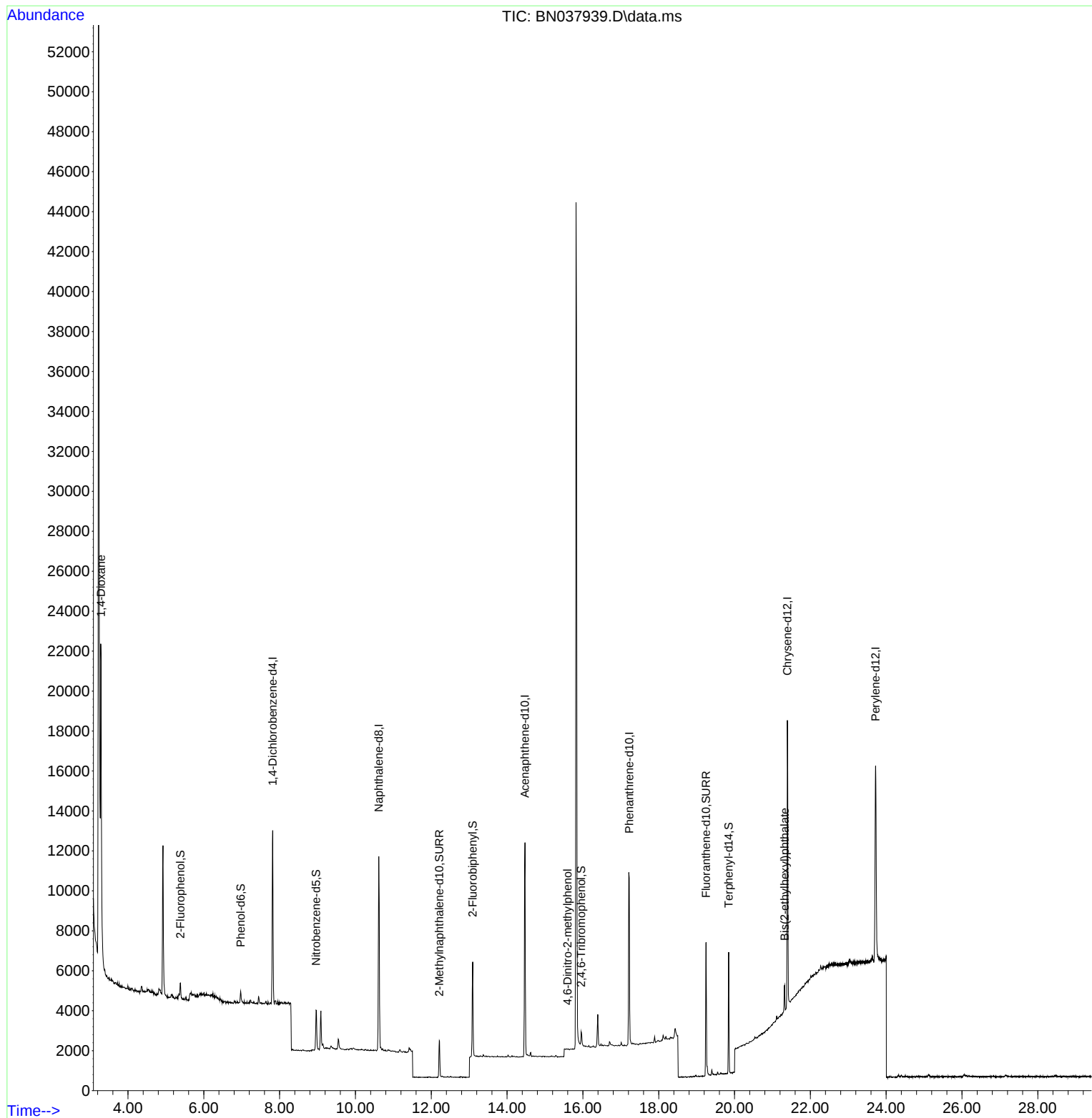
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	4239	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	12782	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	6290	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	13518	0.400	ng	0.00
29) Chrysene-d12	21.393	240	13330	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	14293	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	690	0.071	ng	0.00
5) Phenol-d6	6.973	99	521	0.041	ng	0.00
8) Nitrobenzene-d5	8.961	82	1722	0.177	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	2614	0.147	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	454	0.190	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	4265	0.166	ng	0.00
27) Fluoranthene-d10	19.248	212	7203	0.212	ng	0.00
31) Terphenyl-d14	19.847	244	5612	0.211	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	10273	2.387	ng	98
20) 4,6-Dinitro-2-methylph...	15.597	198	1	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	1517	0.082	ng	# 97

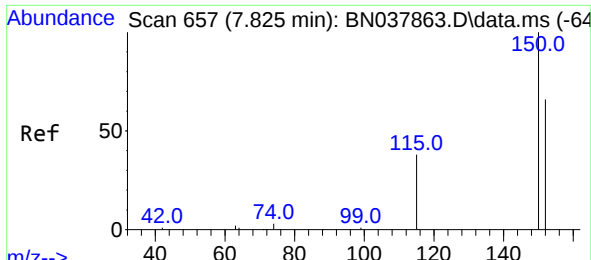
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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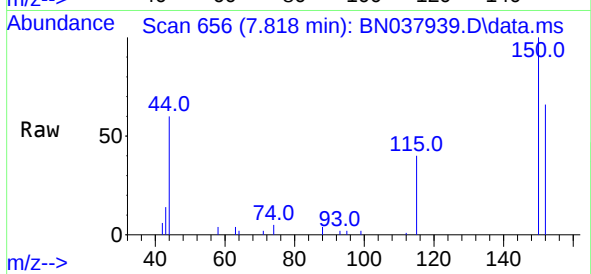
Quant Time: Sep 29 18:03:28 2025
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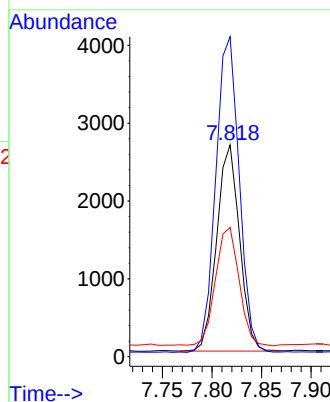
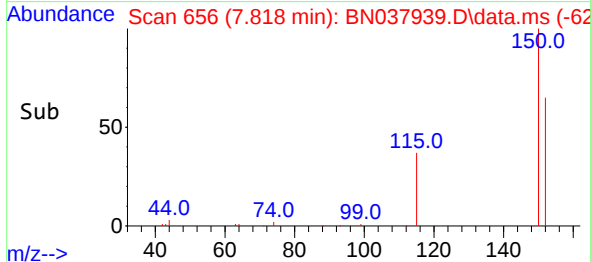


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

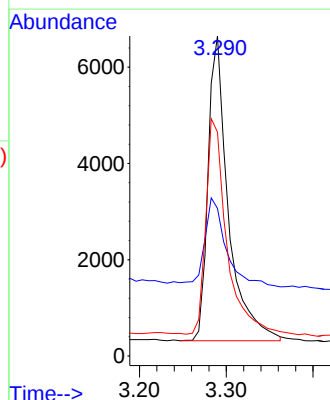
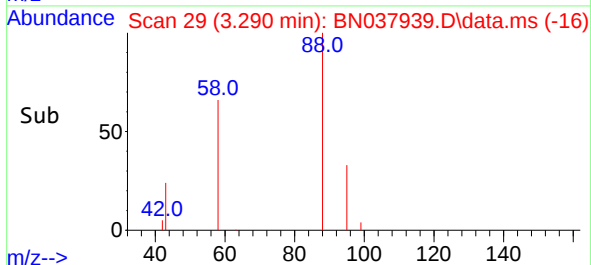
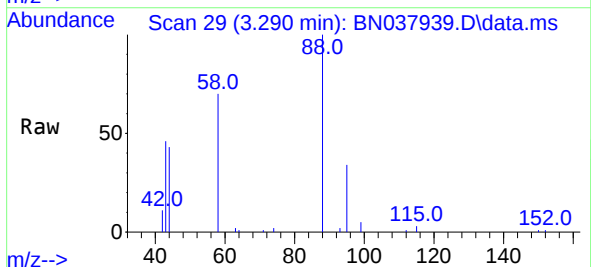


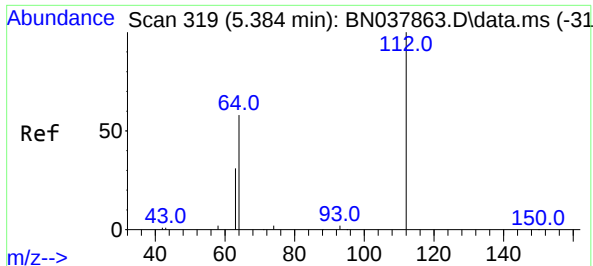
Tgt Ion:152 Resp: 4239
Ion Ratio Lower Upper
152 100
150 151.1 121.0 181.4
115 61.0 47.4 71.0



#2
1,4-Dioxane
Concen: 2.387 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Tgt Ion: 88 Resp: 10273
Ion Ratio Lower Upper
88 100
43 31.3 26.6 39.8
58 72.5 58.9 88.3

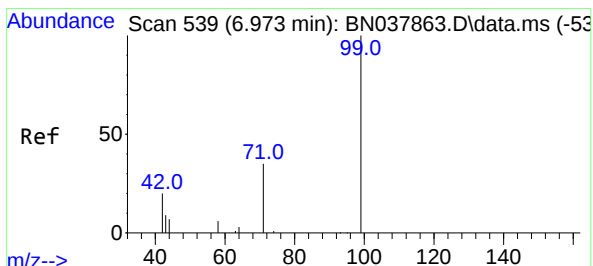
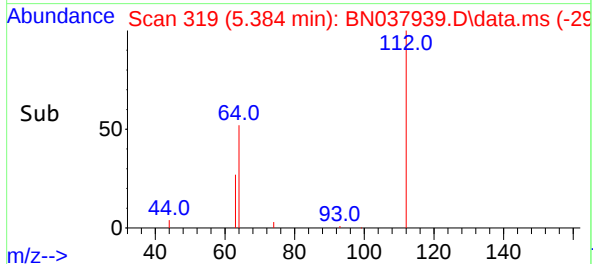
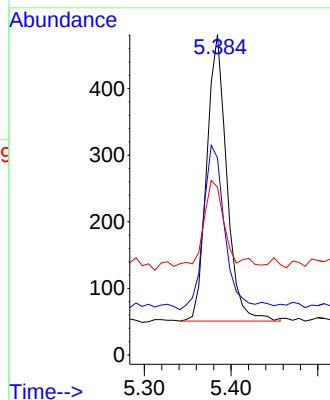
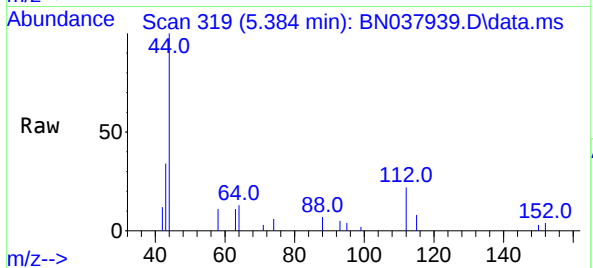




#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

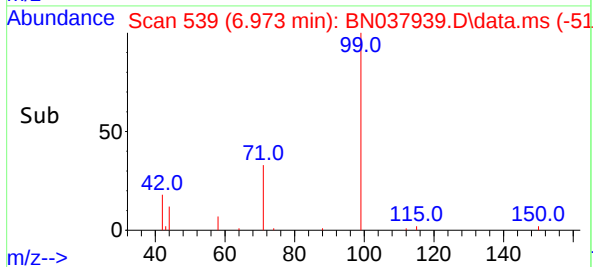
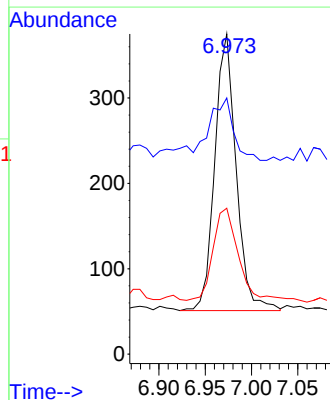
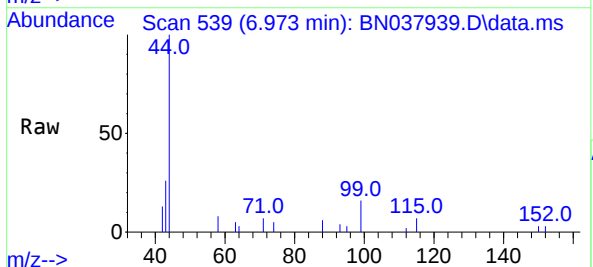
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

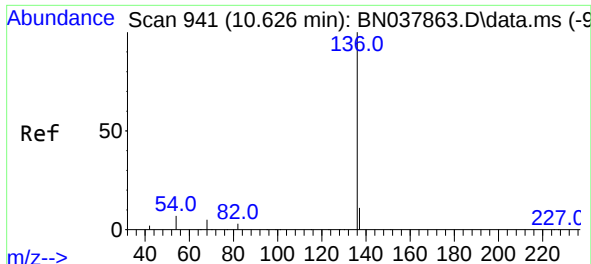
Tgt Ion:	112	Resp:	690
Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.6	66.8
63	32.8	24.9	37.3



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Tgt Ion:	99	Resp:	521
Ion	Ratio	Lower	Upper
99	100		
42	31.3	17.2	25.8#
71	41.8	27.3	40.9#

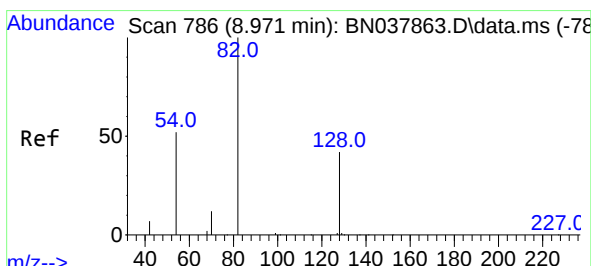
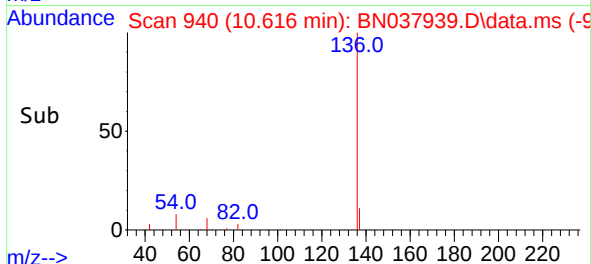
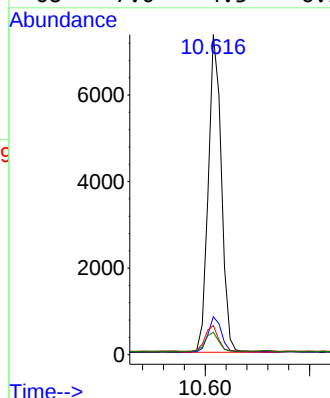
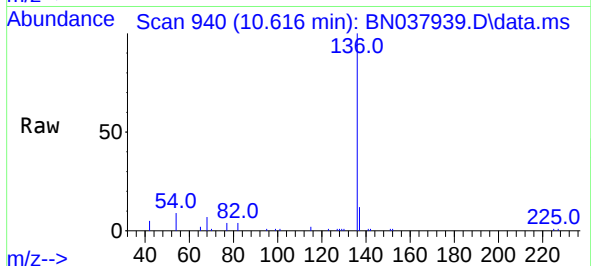




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

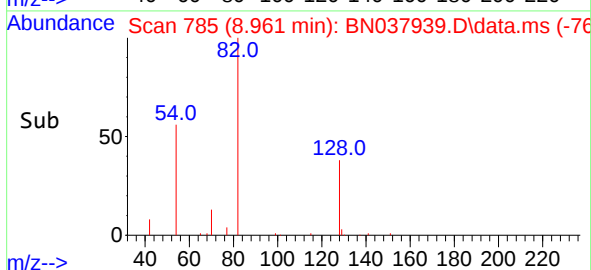
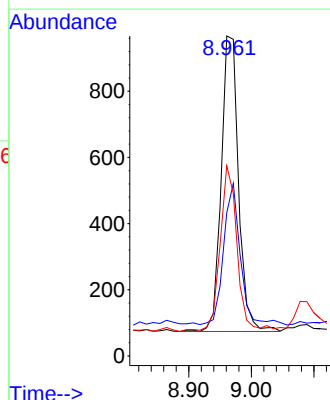
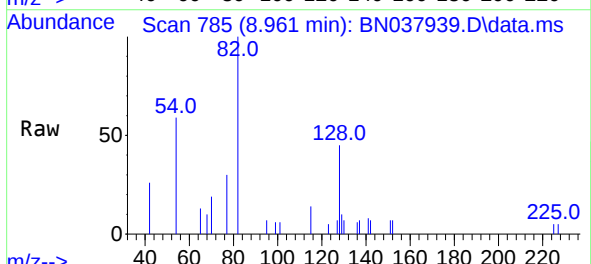
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:	136	Resp:	12782
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.4
54	9.1	5.8	8.8#
68	7.0	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Tgt Ion:	82	Resp:	1722
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.8	52.2
54	59.5	42.2	63.2

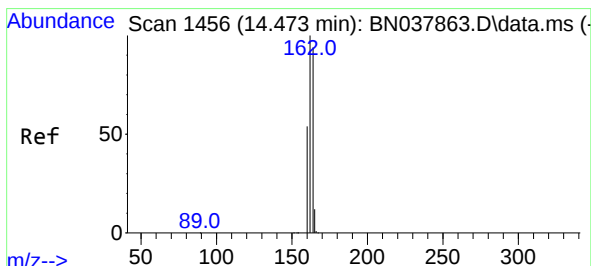
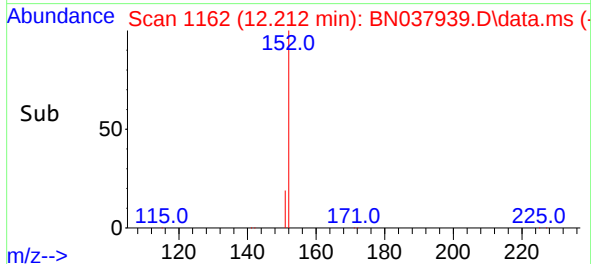
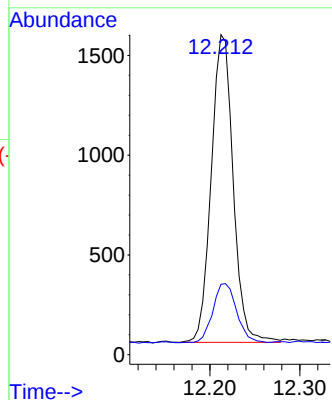
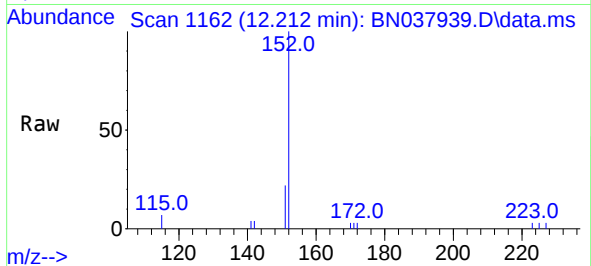




#11
2-Methylnaphthalene-d10
Concen: 0.147 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

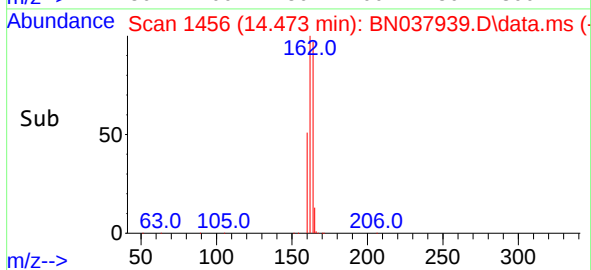
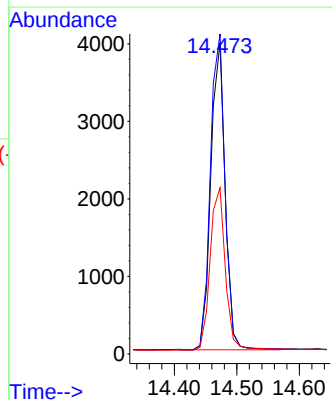
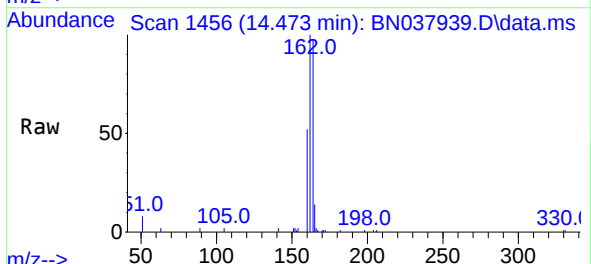
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:152 Resp: 2614
Ion Ratio Lower Upper
152 100
151 21.0 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: BN037939.D
Acq: 29 Sep 2025 17:33

Tgt Ion:164 Resp: 6290
Ion Ratio Lower Upper
164 100
162 102.8 84.8 127.2
160 53.4 46.1 69.1

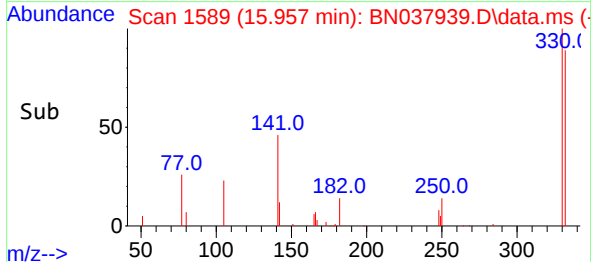
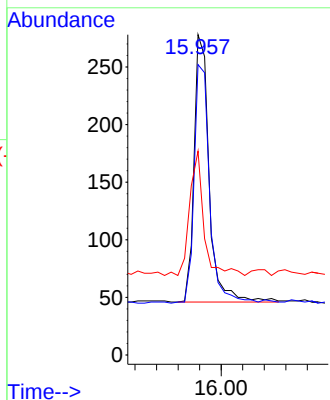
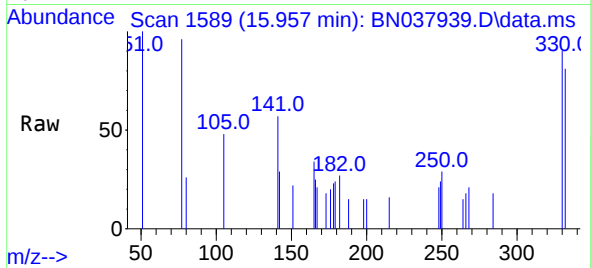




#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

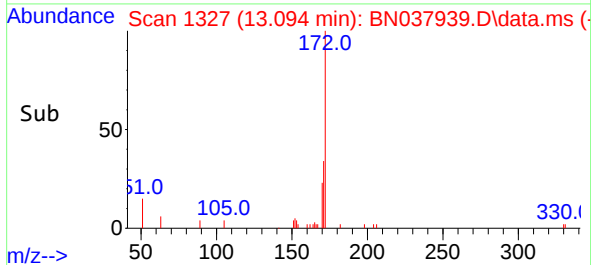
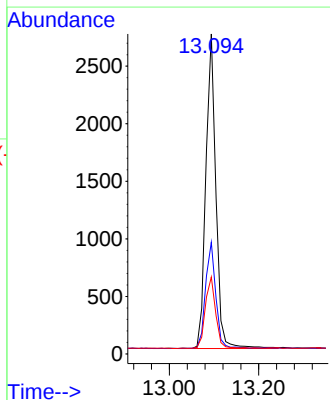
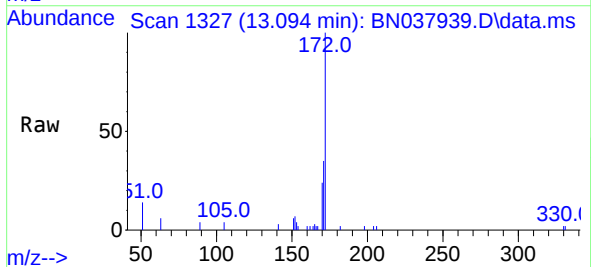
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:330 Resp: 454
Ion Ratio Lower Upper
330 100
332 91.4 77.2 115.8
141 44.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.166 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Tgt Ion:172 Resp: 4265
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 24.1 19.7 29.5

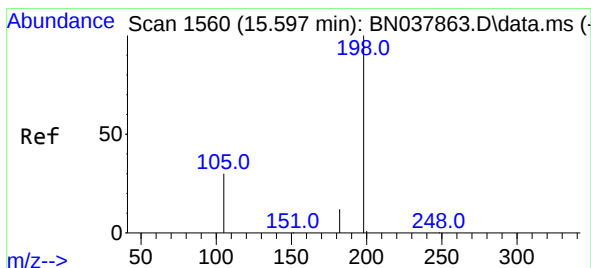
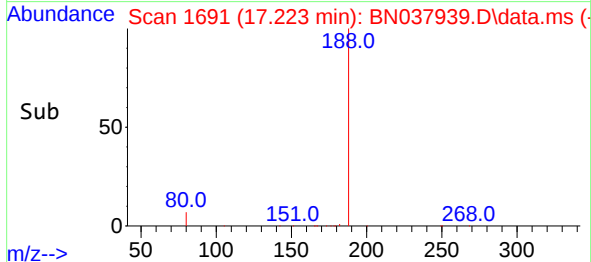
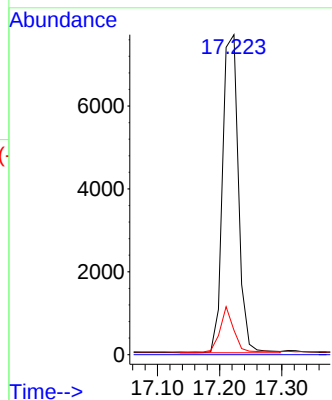
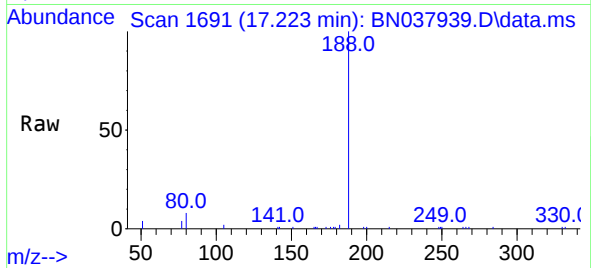




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

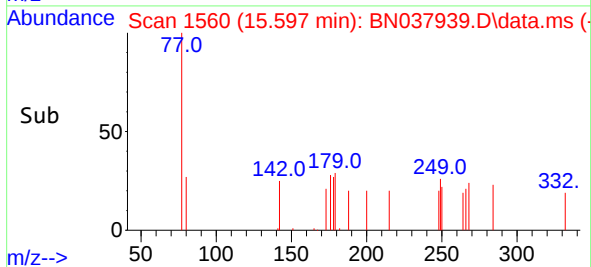
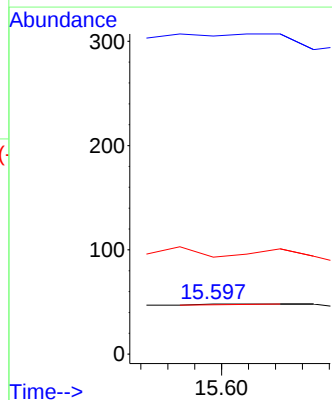
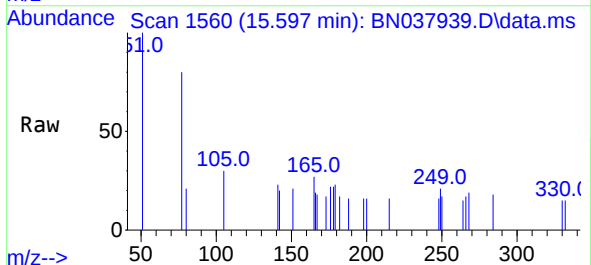
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ClientSampleId :
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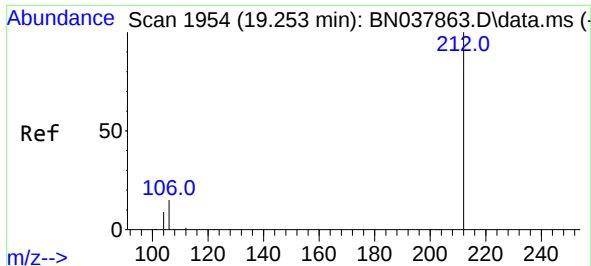
Tgt Ion:188 Resp: 13518
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 635.4 59.1 88.7#
105 193.8 41.3 61.9#

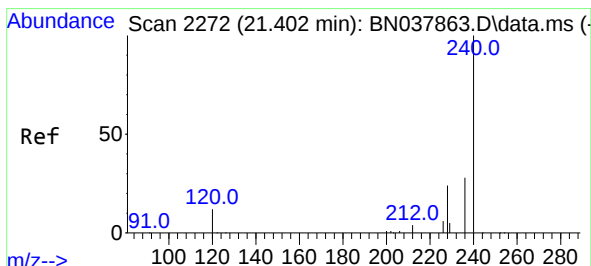
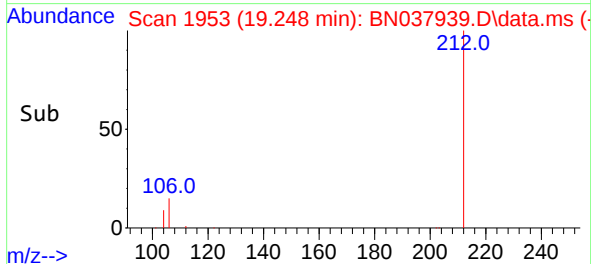
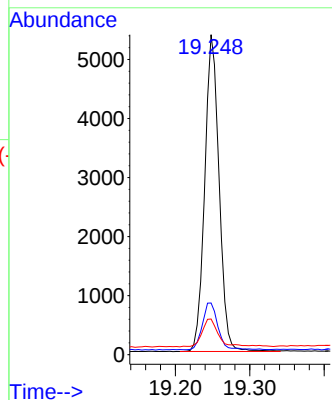
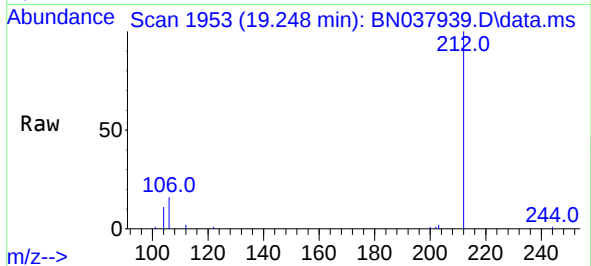




#27
Fluoranthene-d10
Concen: 0.212 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

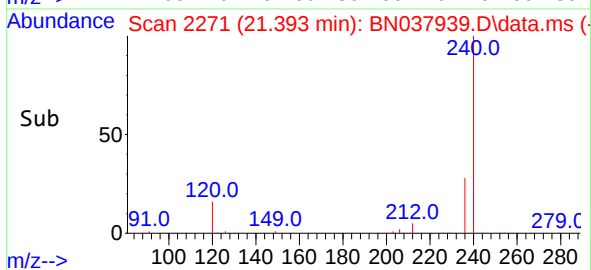
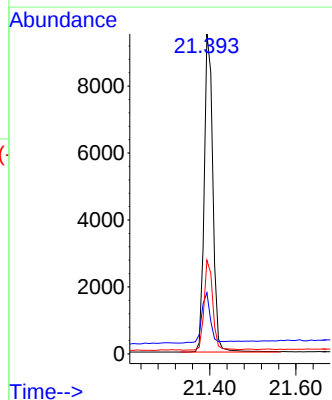
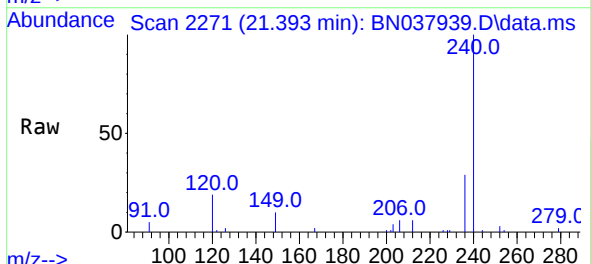
Instrument :
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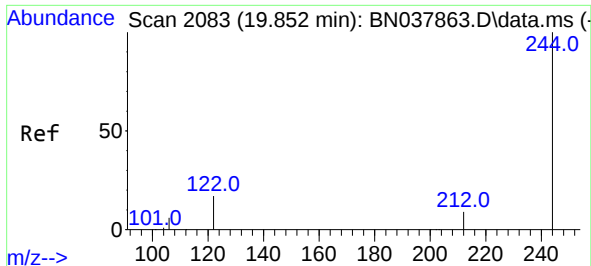
Tgt Ion:212 Resp: 7203
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.8 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

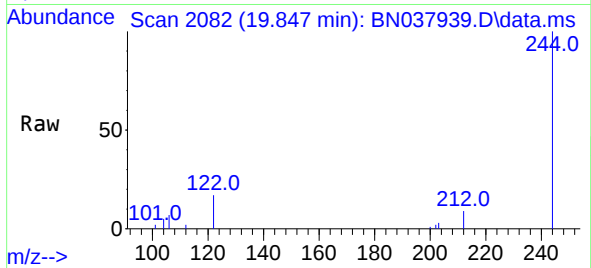
Tgt Ion:240 Resp: 13330
Ion Ratio Lower Upper
240 100
120 19.2 11.4 17.2#
236 29.3 23.0 34.6



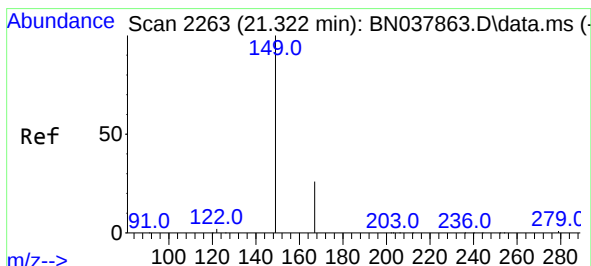
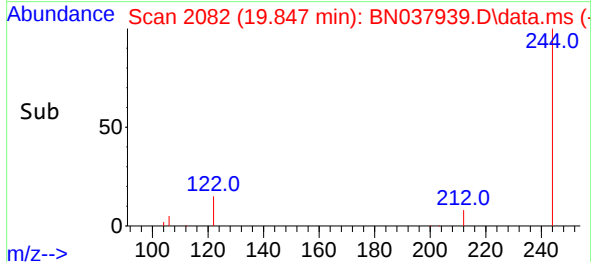
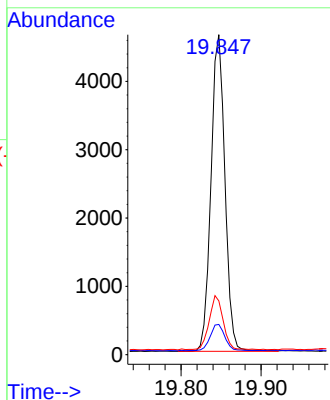


#31
Terphenyl-d14
Concen: 0.211 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

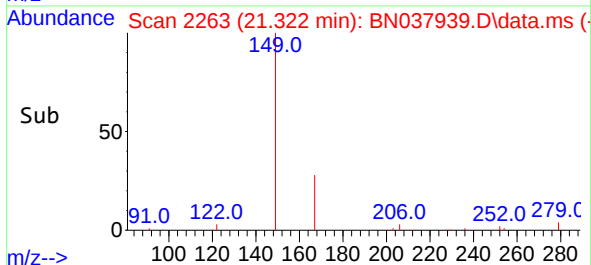
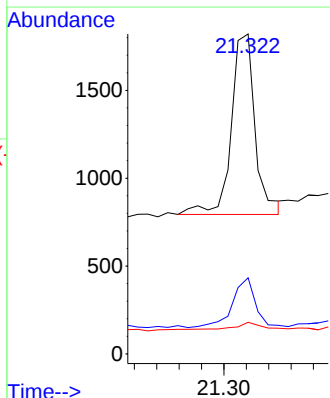
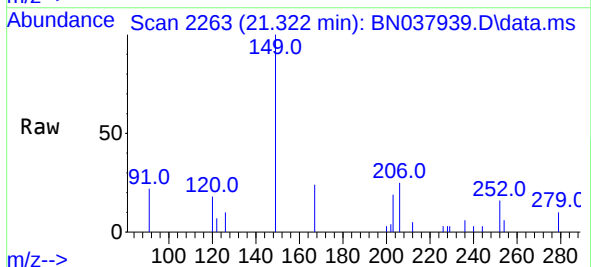


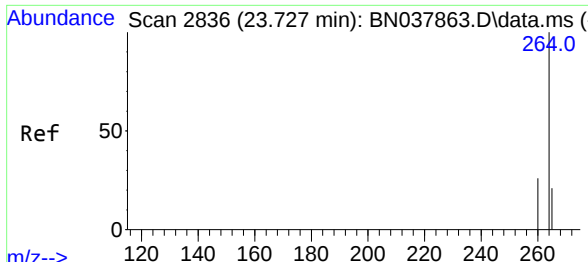
Tgt Ion:244 Resp: 5612
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 16.8 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

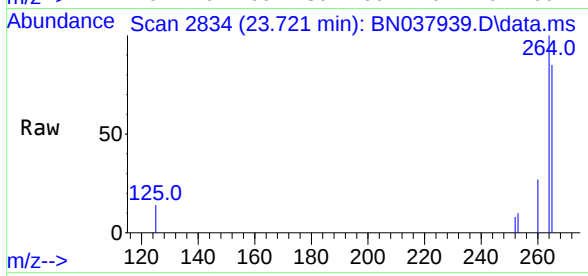
Tgt Ion:149 Resp: 1517
Ion Ratio Lower Upper
149 100
167 26.8 20.4 30.6
279 4.2 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037939.D
Acq: 29 Sep 2025 17:33

Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL



Tgt Ion:264 Resp: 14293

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.5	32.3
265	84.9	53.8	80.6

