

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037940.D
 Acq On : 29 Sep 2025 18:09
 Operator : RC/JU
 Sample : Q3156-07DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250918DL

Quant Time: Sep 29 18:37:33 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

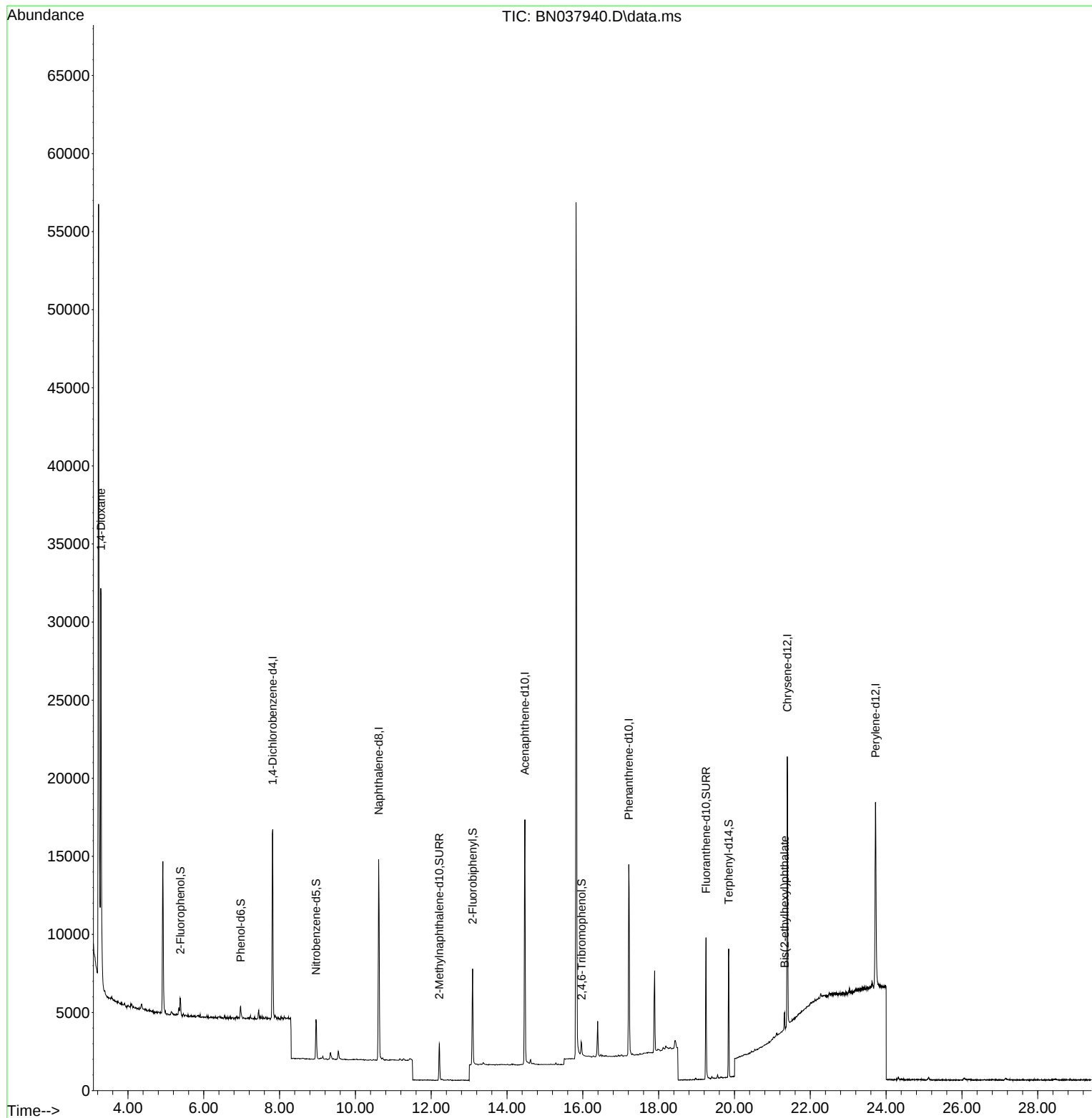
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.818	152	6024	0.400 ng	0.00
7) Naphthalene-d8	10.616	136	17127	0.400 ng	#-0.01
13) Acenaphthene-d10	14.473	164	8846	0.400 ng	0.00
19) Phenanthrene-d10	17.211	188	17911	0.400 ng	#-0.01
29) Chrysene-d12	21.393	240	15890	0.400 ng	# 0.00
35) Perylene-d12	23.721	264	16872	0.400 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.384	112	975	0.071 ng	0.00
5) Phenol-d6	6.973	99	732	0.041 ng	0.00
8) Nitrobenzene-d5	8.961	82	2152	0.165 ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	3348	0.141 ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	582	0.174 ng	0.00
15) 2-Fluorobiphenyl	13.094	172	5514	0.152 ng	0.00
27) Fluoranthene-d10	19.248	212	9537	0.212 ng	0.00
31) Terphenyl-d14	19.847	244	7706	0.243 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.290	88	18291	2.991 ng	98
34) Bis(2-ethylhexyl)phtha...	21.322	149	1224	0.056 ng	98

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

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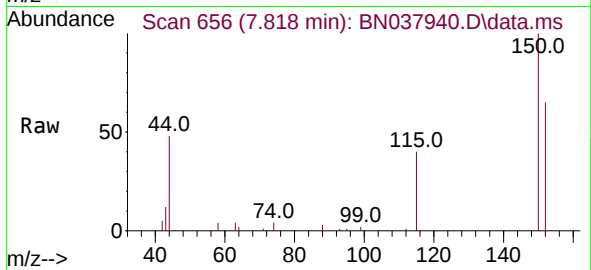
Quant Time: Sep 29 18:37:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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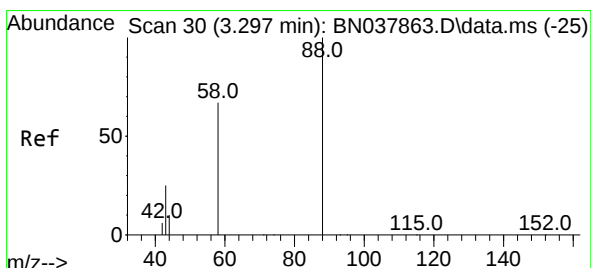
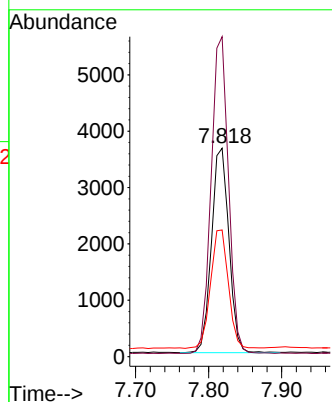
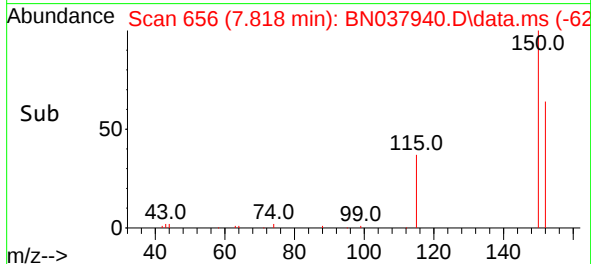


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

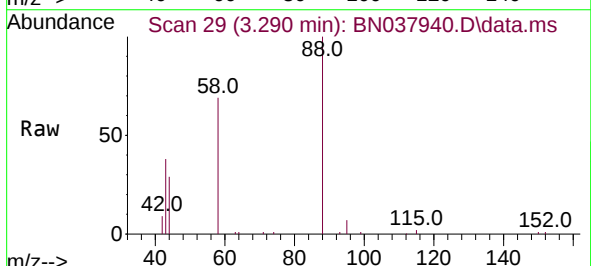
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918DL



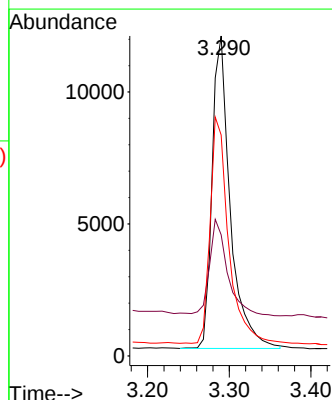
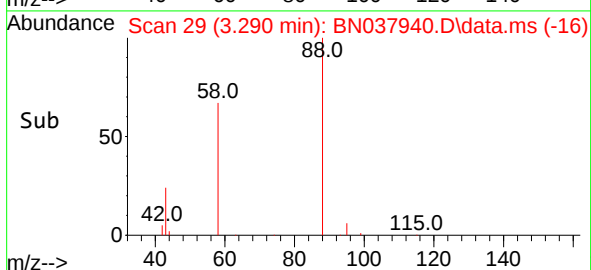
Tgt Ion:152 Resp: 6024
Ion Ratio Lower Upper
152 100
150 153.6 121.0 181.4
115 60.8 47.4 71.0



#2
1,4-Dioxane
Concen: 2.991 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09



Tgt Ion: 88 Resp: 18291
Ion Ratio Lower Upper
88 100
43 30.7 26.6 39.8
58 73.0 58.9 88.3

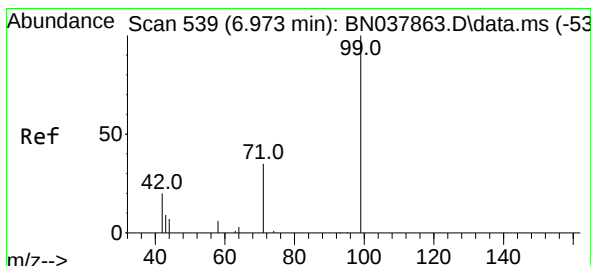
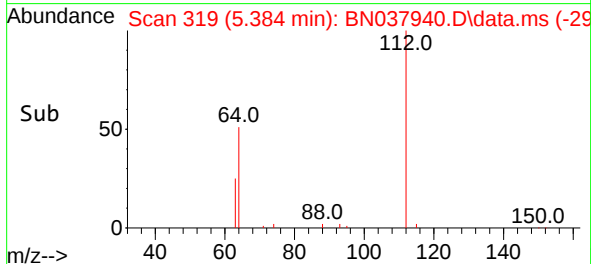
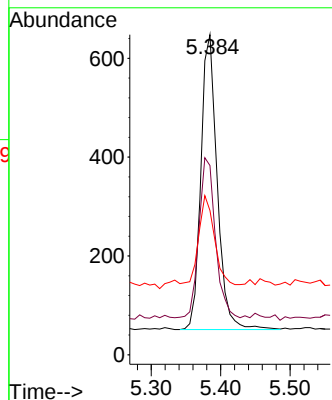
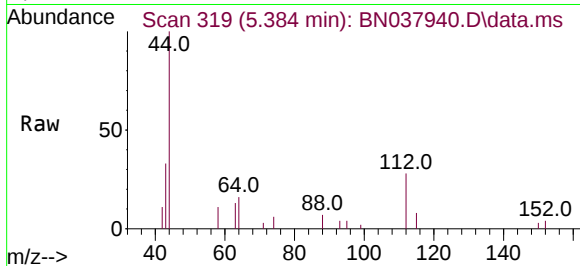




#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

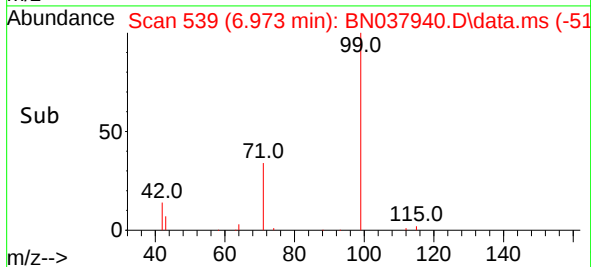
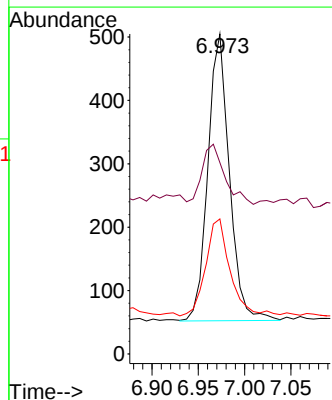
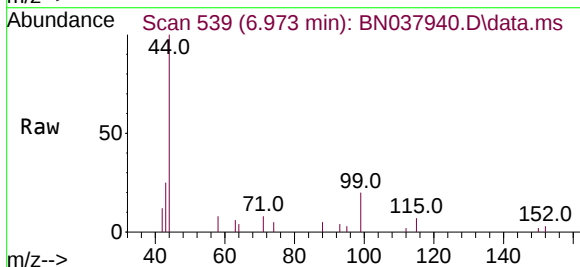
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918DL

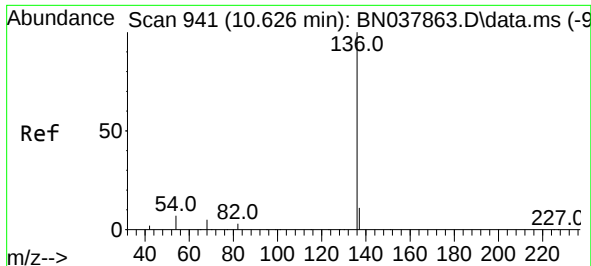
Tgt Ion:	112	Resp:	975
Ion Ratio	Lower	Upper	
112	100		
64	55.5	44.6	66.8
63	28.9	24.9	37.3



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

Tgt Ion:	99	Resp:	732
Ion Ratio	Lower	Upper	
99	100		
42	23.5	17.2	25.8
71	38.4	27.3	40.9

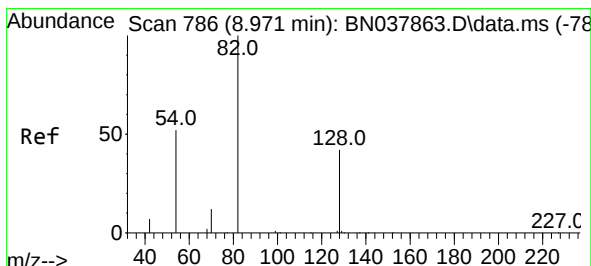
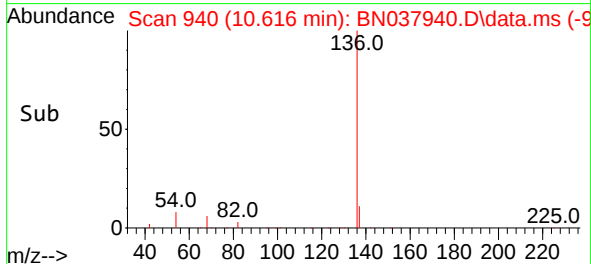
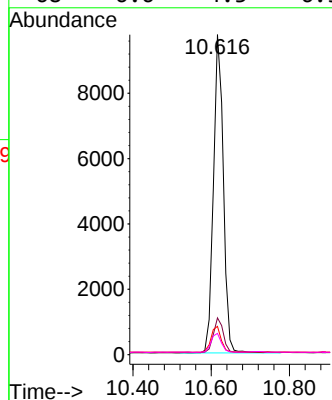
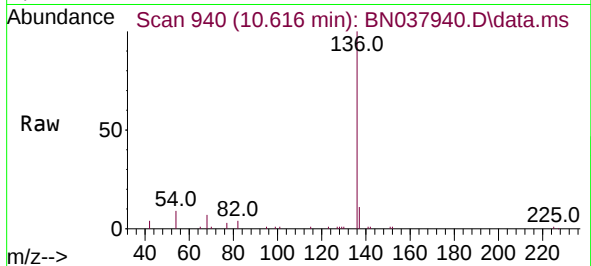




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

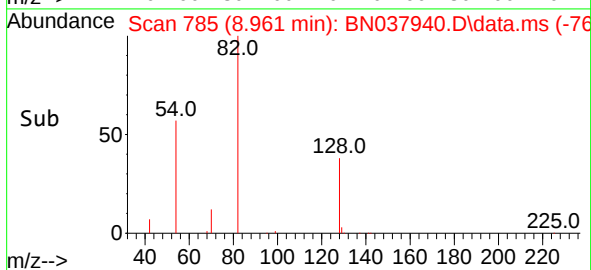
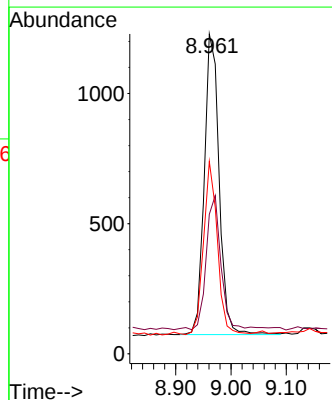
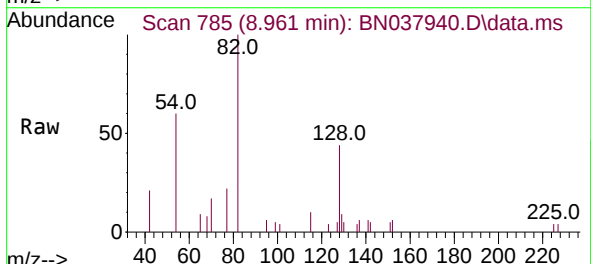
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250918DL

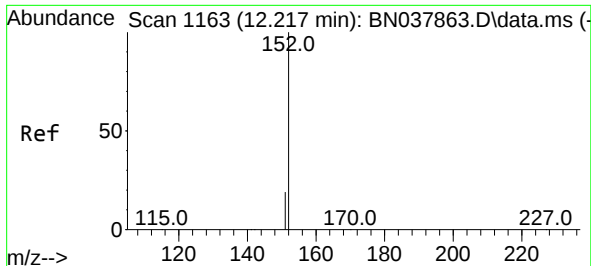
Tgt Ion:	136	Resp:	17127
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	8.8	5.8	8.8#
68	6.6	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.165 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

Tgt Ion:	82	Resp:	2152
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.8	52.2
54	60.1	42.2	63.2

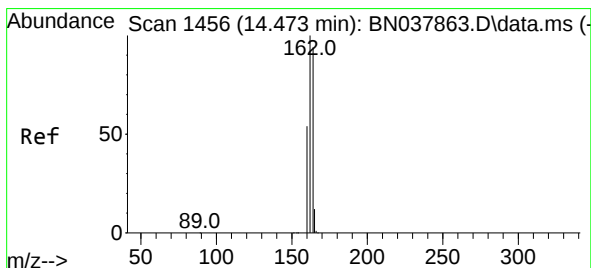
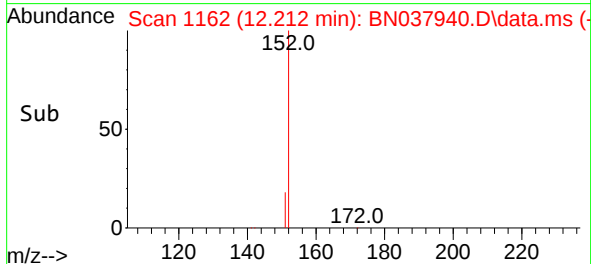
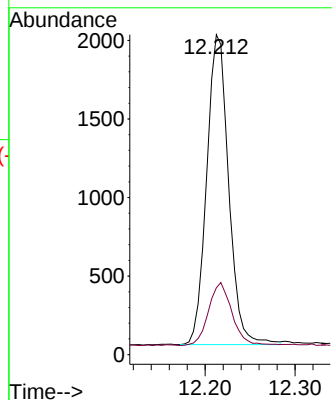
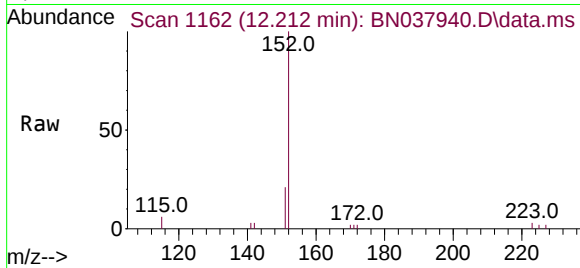




#11
2-Methylnaphthalene-d10
Concen: 0.141 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

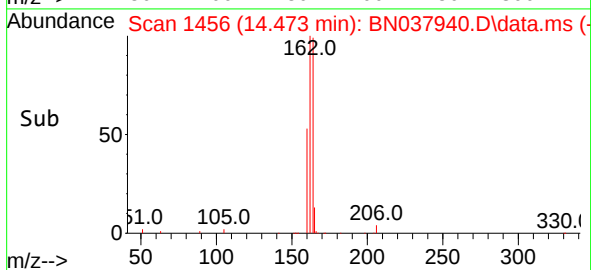
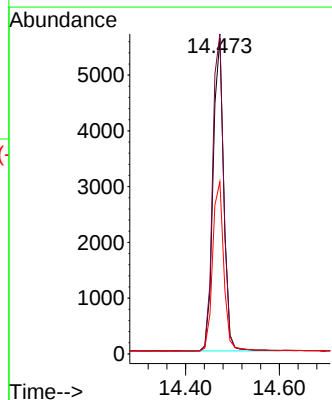
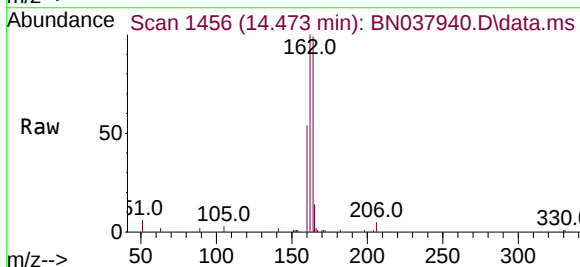
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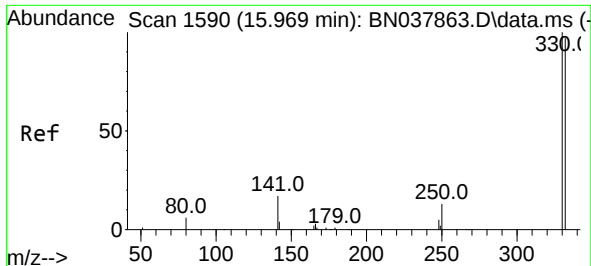
Tgt Ion:152 Resp: 3348
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037940.D
Acq: 29 Sep 2025 18:09

Tgt Ion:164 Resp: 8846
Ion Ratio Lower Upper
164 100
162 101.3 84.8 127.2
160 54.4 46.1 69.1

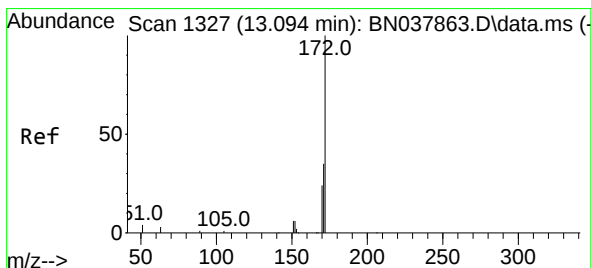
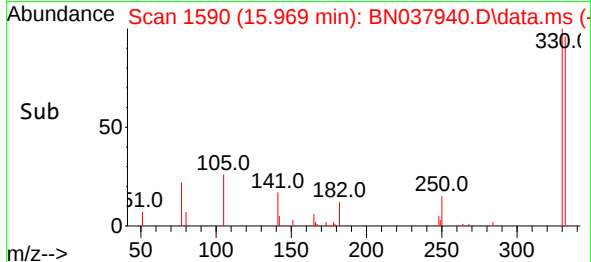
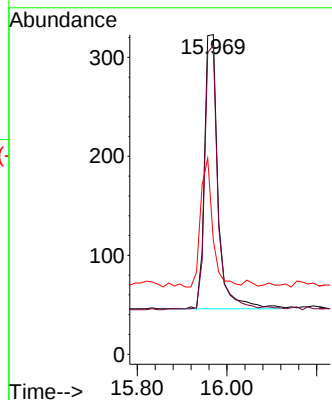
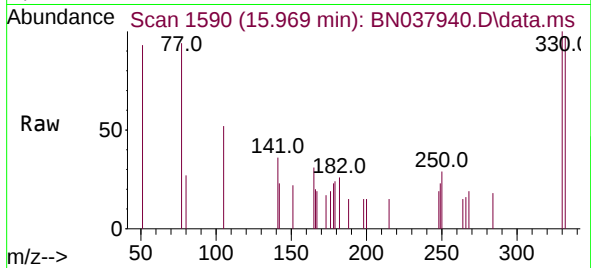




#14
 2,4,6-Tribromophenol
 Concen: 0.174 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037940.D
 Acq: 29 Sep 2025 18:09

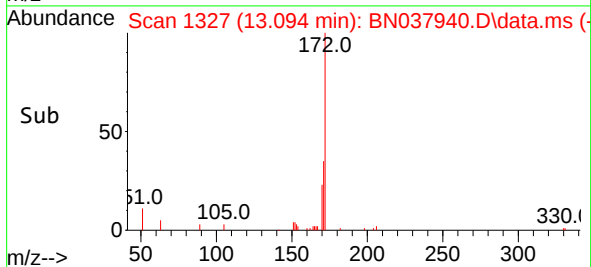
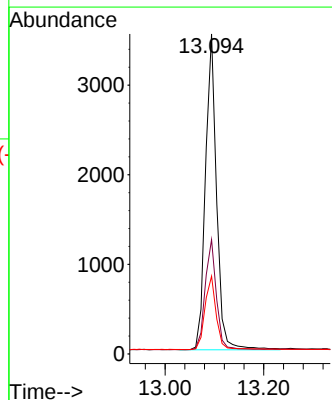
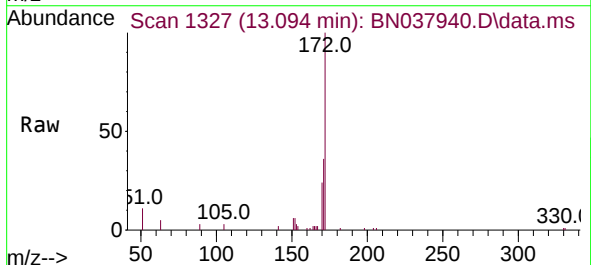
Instrument :
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 ClientSampleId :
 TT189D2-20250918DL

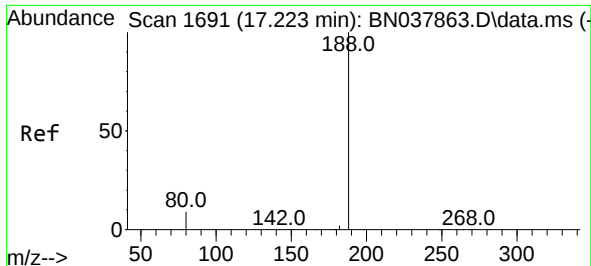
Tgt Ion:330 Resp: 582
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.2 115.8
 141 41.9 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.152 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. 0.000 min
 Lab File: BN037940.D
 Acq: 29 Sep 2025 18:09

Tgt Ion:172 Resp: 5514
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.3 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: BN037940.D

Acq: 29 Sep 2025 18:09

Instrument :

BNA_N

ClientSampleId :

TT189D2-20250918DL

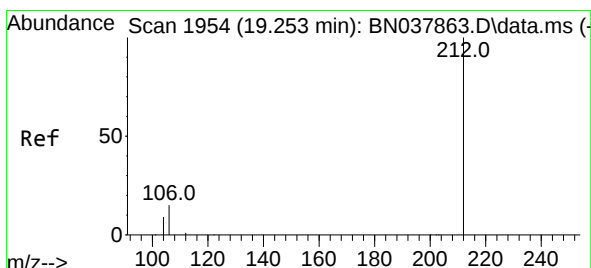
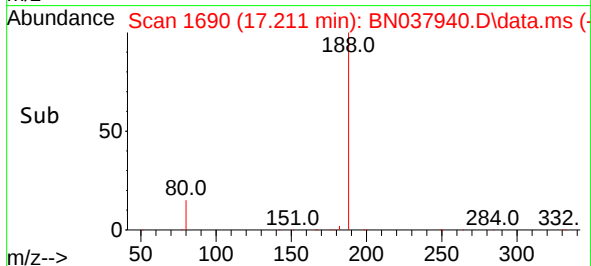
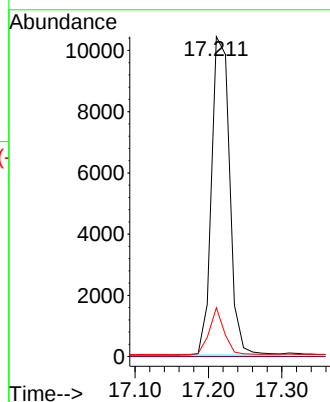
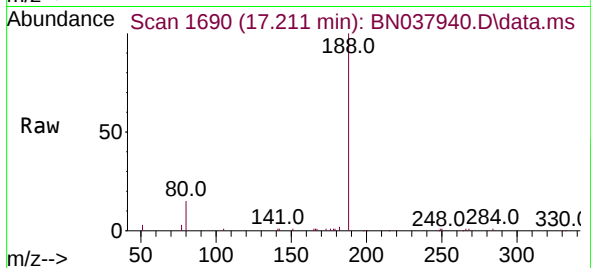
Tgt Ion:188 Resp: 17911

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.3 7.6 11.4#



#27

Fluoranthene-d10

Concen: 0.212 ng

RT: 19.248 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BN037940.D

Acq: 29 Sep 2025 18:09

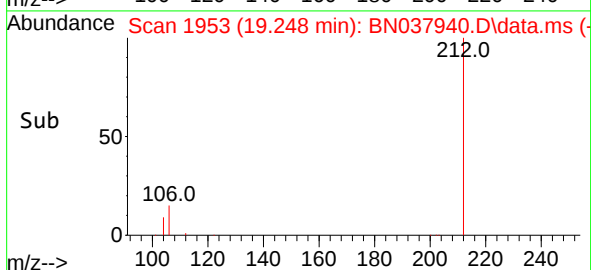
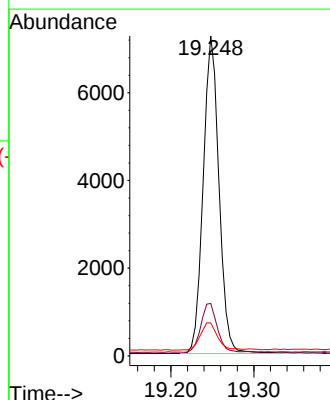
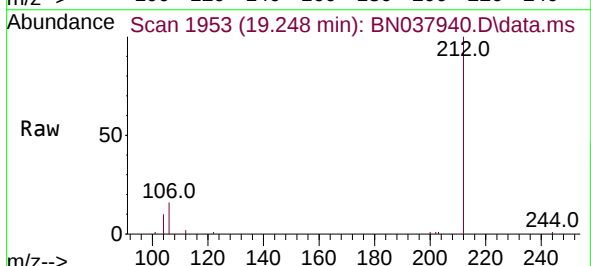
Tgt Ion:212 Resp: 9537

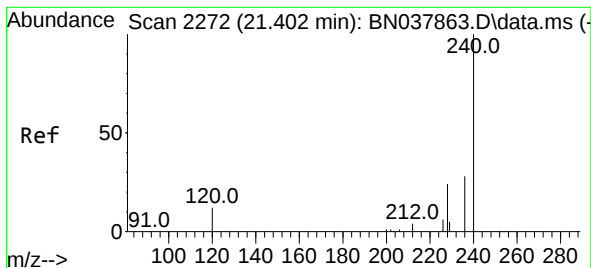
Ion Ratio Lower Upper

212 100

106 15.7 12.6 19.0

104 9.4 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: BN037940.D

Acq: 29 Sep 2025 18:09

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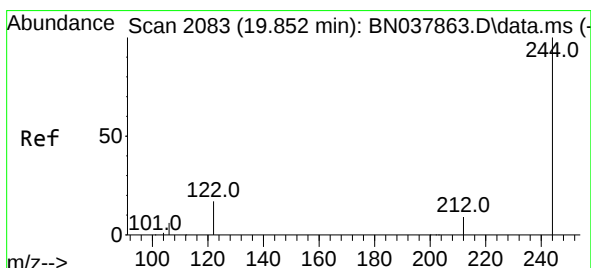
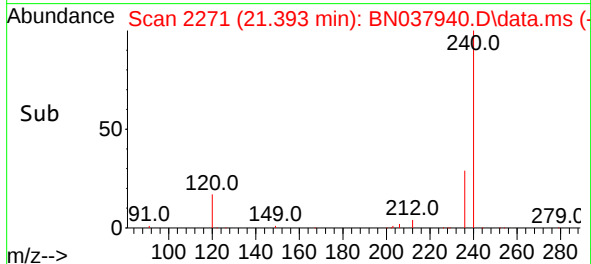
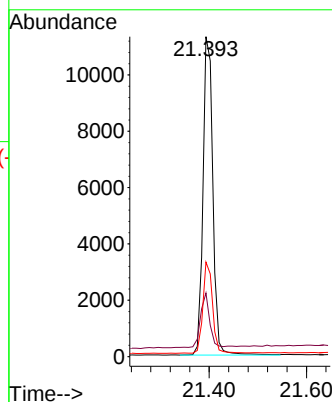
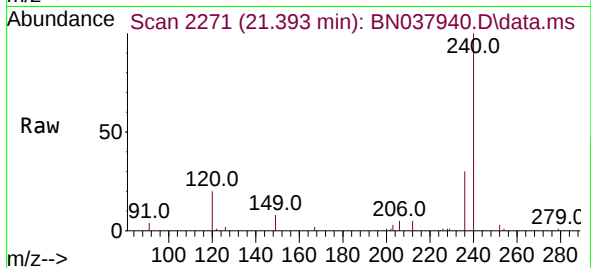
Tgt Ion:240 Resp: 15890

Ion Ratio Lower Upper

240 100

120 19.9 11.4 17.2#

236 29.5 23.0 34.6



#31

Terphenyl-d14

Concen: 0.243 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN037940.D

Acq: 29 Sep 2025 18:09

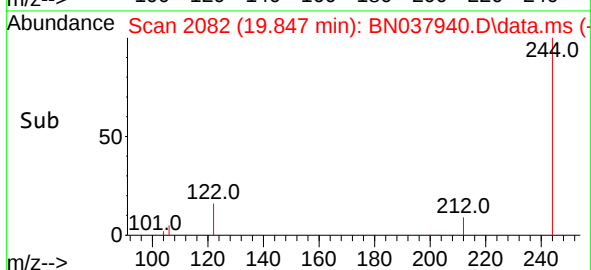
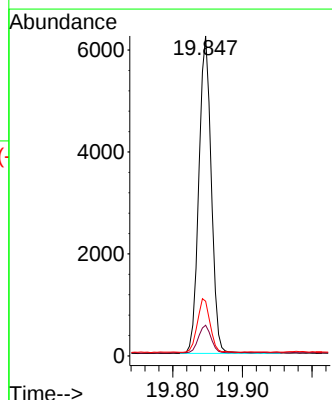
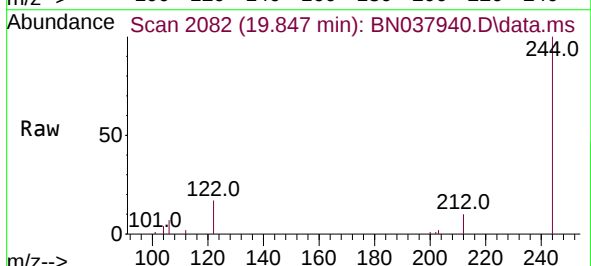
Tgt Ion:244 Resp: 7706

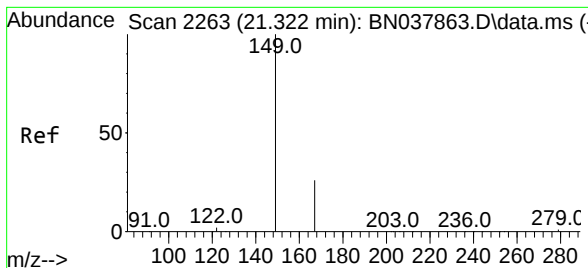
Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 17.1 13.9 20.9

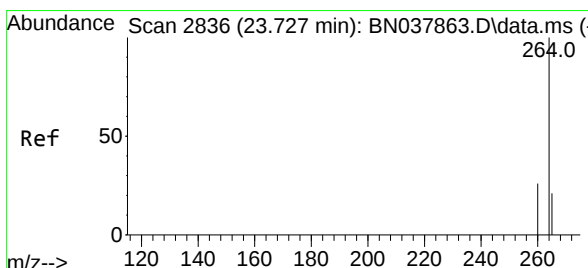
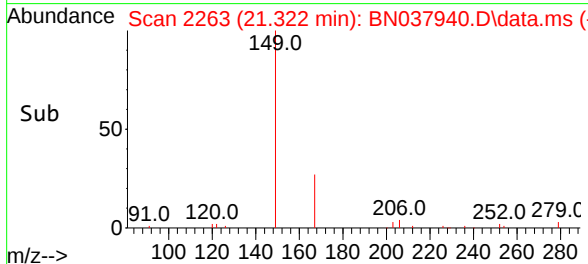
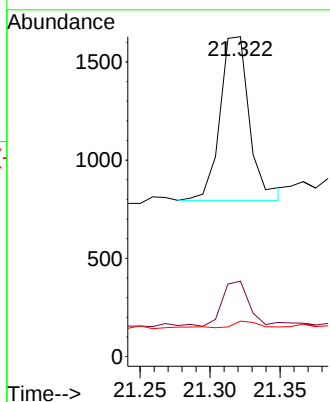
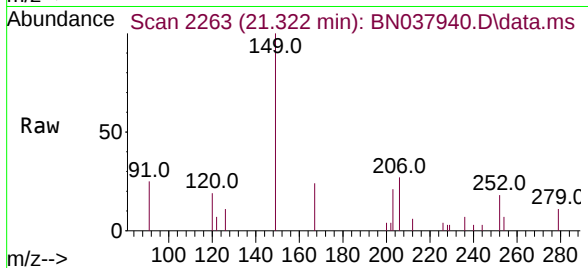




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.322 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037940.D
 Acq: 29 Sep 2025 18:09

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250918DL

Tgt Ion:149 Resp: 1224
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.4 30.6
 279 3.2 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: BN037940.D
 Acq: 29 Sep 2025 18:09

Tgt Ion:264 Resp: 16872
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.5 32.3
 265 73.5 53.8 80.6

