

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037945.D
 Acq On : 30 Sep 2025 13:29
 Operator : RC/JU
 Sample : Q3156-06DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918DL

Quant Time: Sep 30 13:54:16 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)

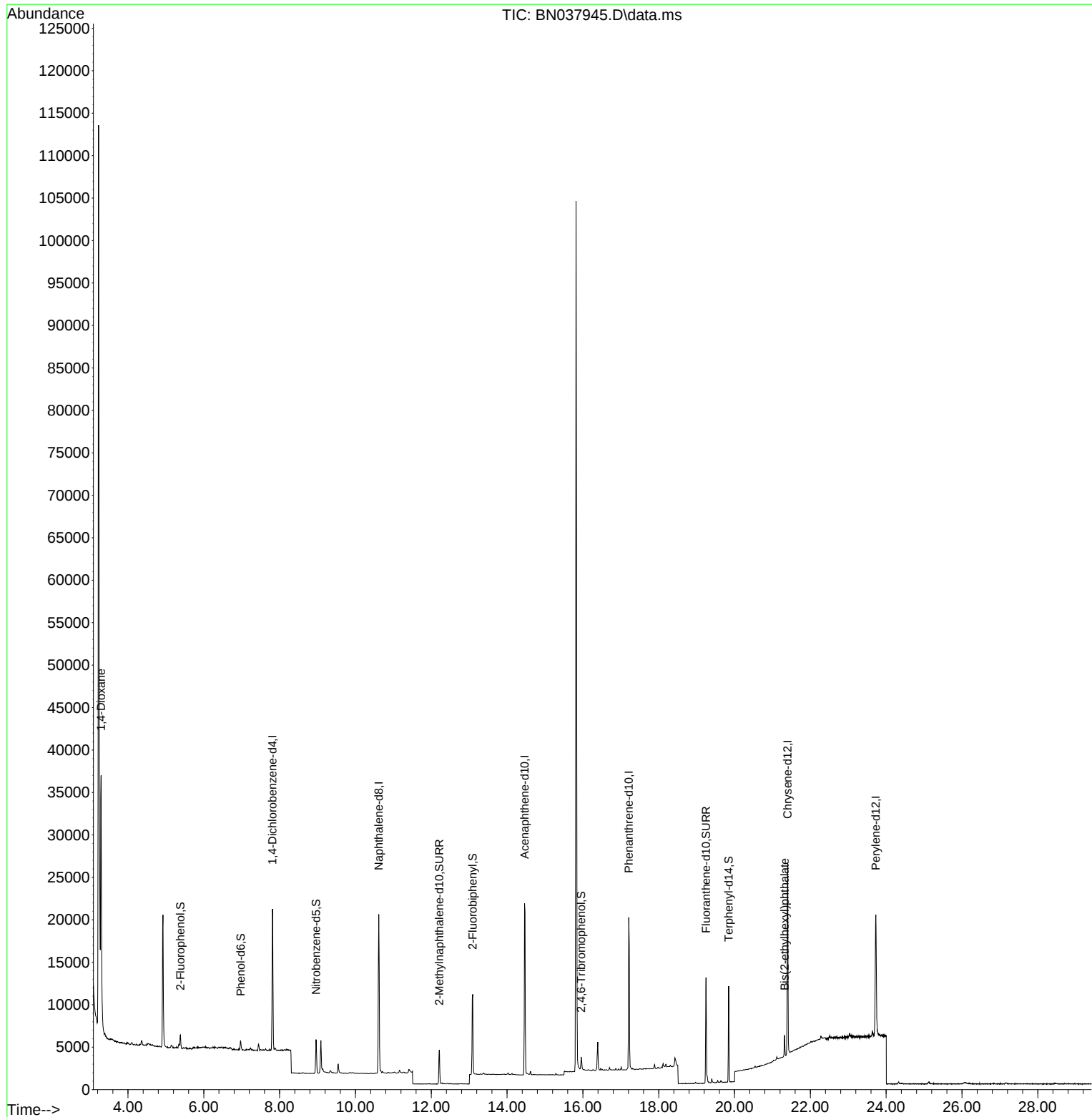
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8143	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	24296	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	12338	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	25715	0.400	ng	#-0.01
29) Chrysene-d12	21.402	240	21779	0.400	ng	# 0.00
35) Perylene-d12	23.727	264	20219	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1365	0.073	ng	0.00
5) Phenol-d6	6.973	99	1029	0.042	ng	0.00
8) Nitrobenzene-d5	8.961	82	3107	0.168	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	5394	0.160	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	863	0.184	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	8960	0.177	ng	0.00
27) Fluoranthene-d10	19.248	212	13548	0.209	ng	0.00
31) Terphenyl-d14	19.847	244	10419	0.240	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	19763	2.391	ng	98
34) Bis(2-ethylhexyl)phtha...	21.322	149	2404	0.080	ng	# 97

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

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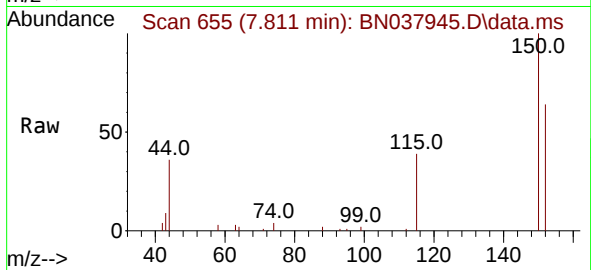
Quant Time: Sep 30 13:54:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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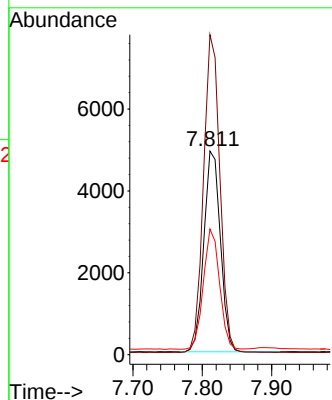
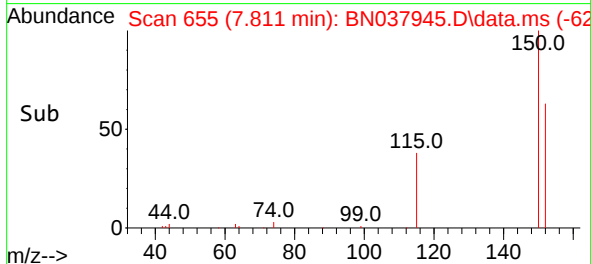


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037945.D
 Acq: 30 Sep 2025 13:29

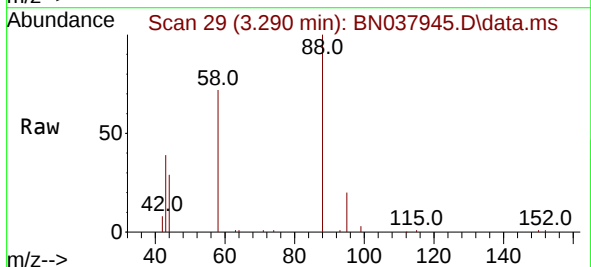
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918DL



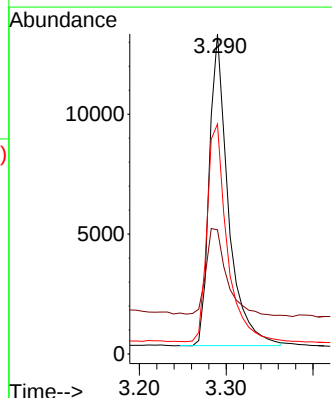
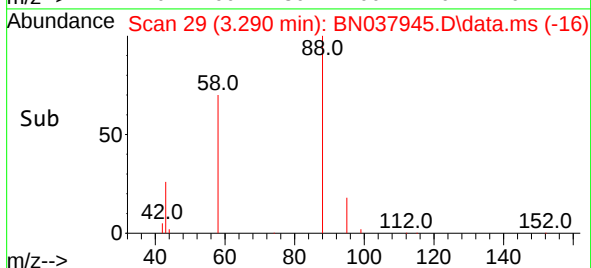
Tgt Ion:152 Resp: 8143
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.0 181.4
 115 61.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.391 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037945.D
 Acq: 30 Sep 2025 13:29



Tgt Ion: 88 Resp: 19763
 Ion Ratio Lower Upper
 88 100
 43 30.2 26.6 39.8
 58 73.2 58.9 88.3

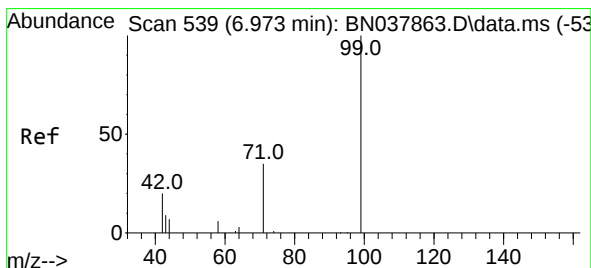
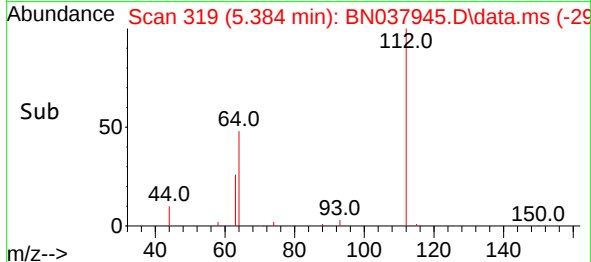
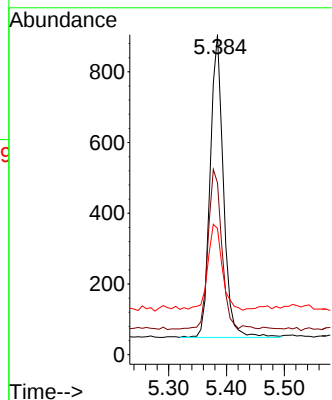
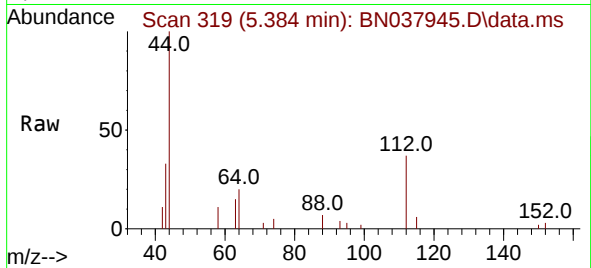




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

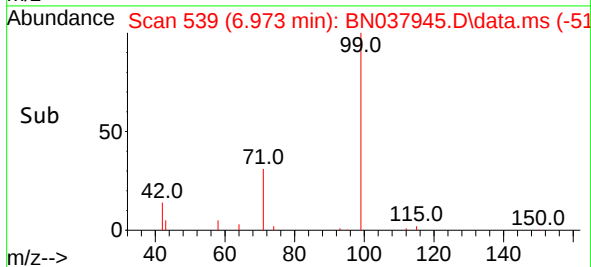
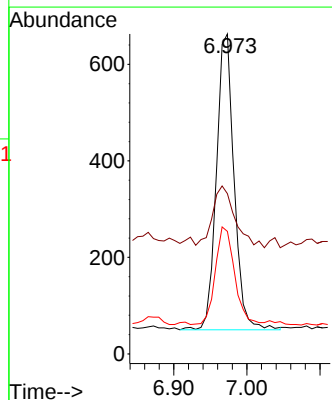
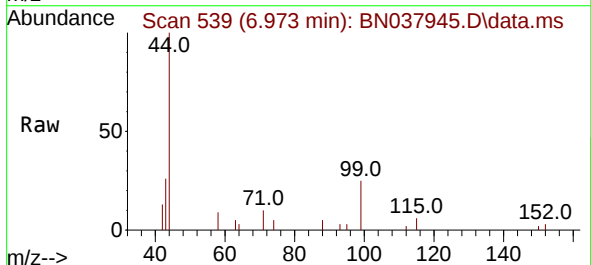
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:	112	Resp:	1365
Ion	Ratio	Lower	Upper
112	100		
64	53.5	44.6	66.8
63	30.5	24.9	37.3



#5
Phenol-d6
Concen: 0.042 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

Tgt Ion:	99	Resp:	1029
Ion	Ratio	Lower	Upper
99	100		
42	26.8	17.2	25.8#
71	36.0	27.3	40.9

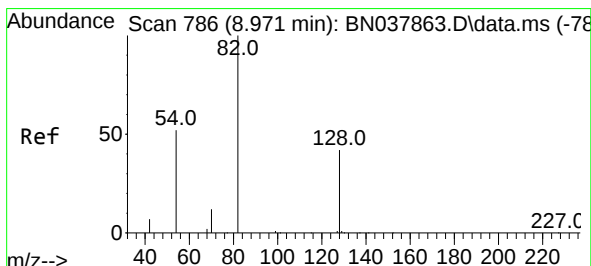
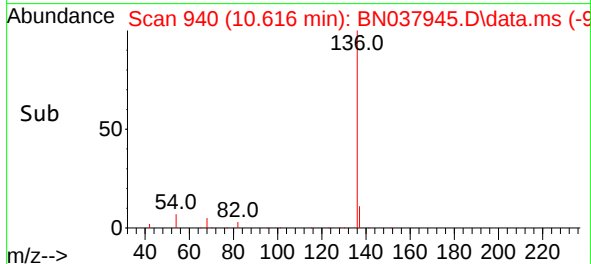
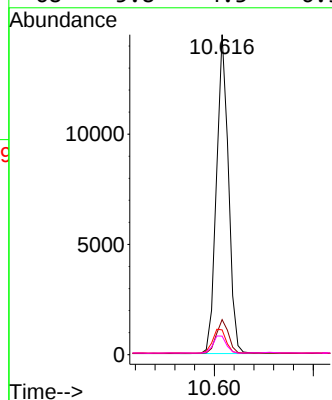
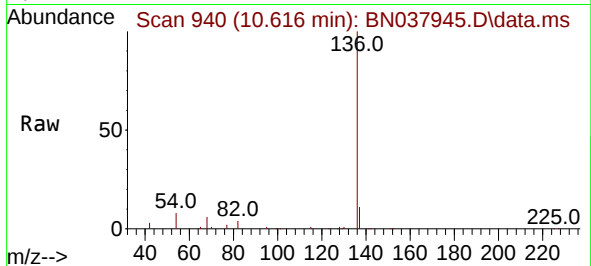




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

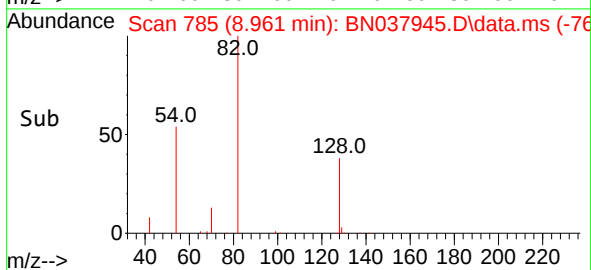
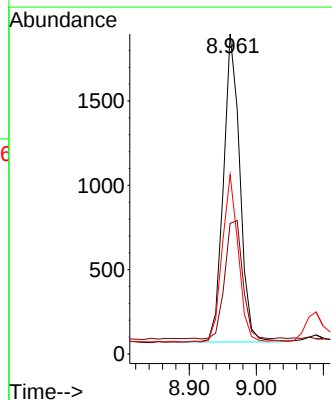
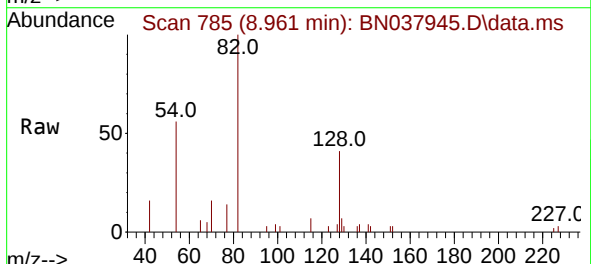
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:	136	Resp:	24296
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	7.7	5.8	8.8
68	5.8	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.168 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

Tgt Ion:	82	Resp:	3107
Ion Ratio	Lower	Upper	
82	100		
128	40.8	34.8	52.2
54	56.0	42.2	63.2

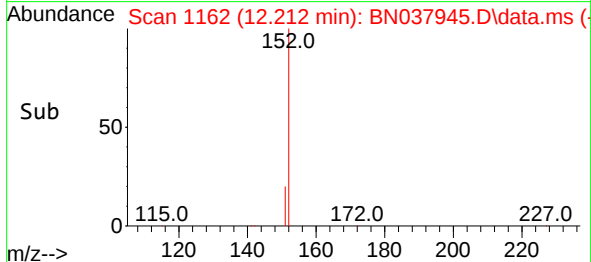
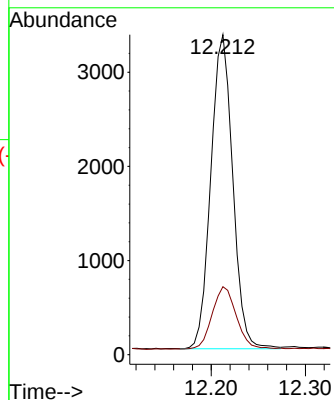
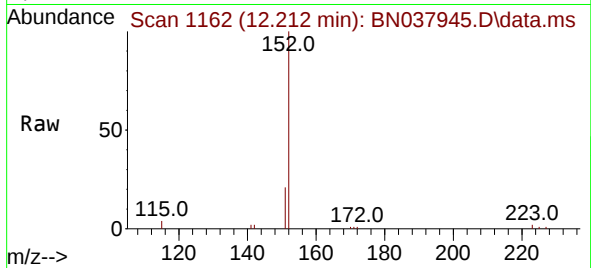




#11
2-Methylnaphthalene-d10
Concen: 0.160 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

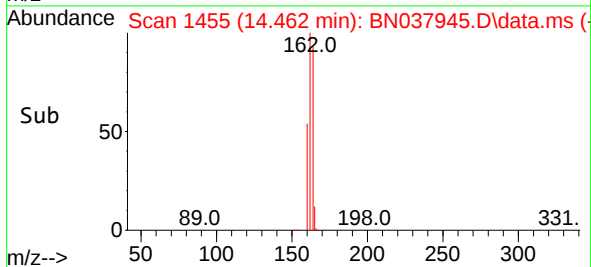
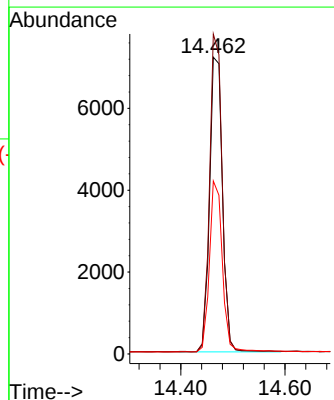
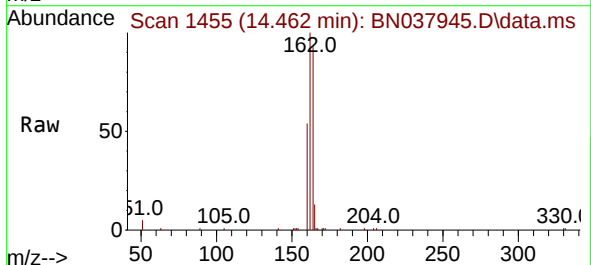
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:152 Resp: 5394
Ion Ratio Lower Upper
152 100
151 22.1 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: BN037945.D
Acq: 30 Sep 2025 13:29

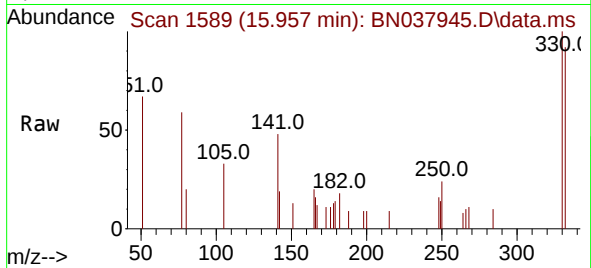
Tgt Ion:164 Resp: 12338
Ion Ratio Lower Upper
164 100
162 107.8 84.8 127.2
160 58.3 46.1 69.1



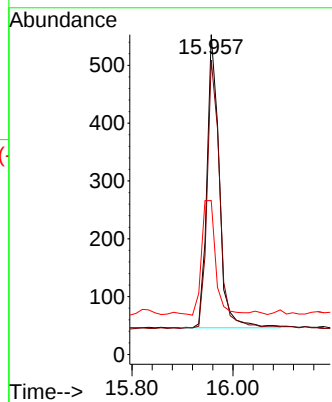
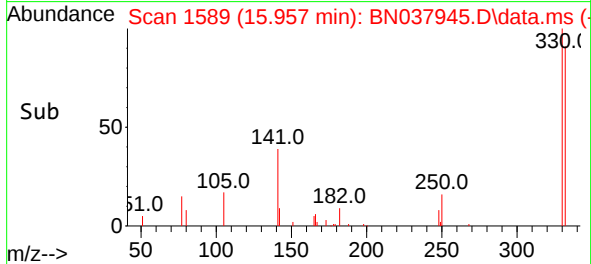


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

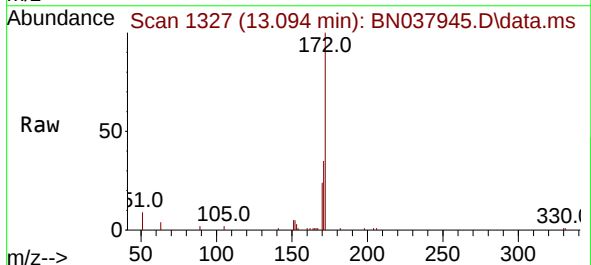
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ClientSampleId :
RE132D4-20250918DL



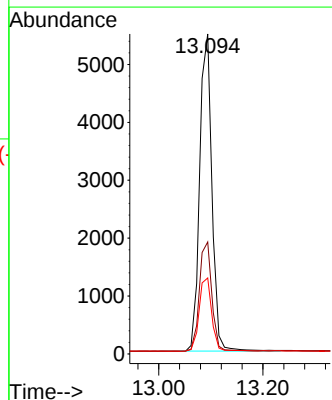
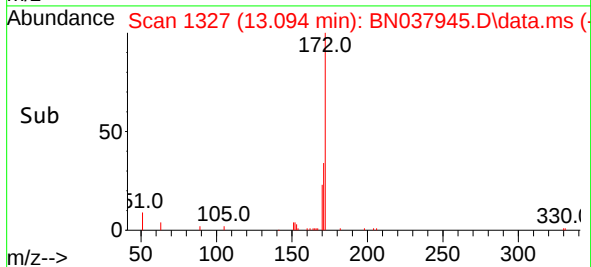
Tgt Ion:330 Resp: 863
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 43.1 37.2 55.8

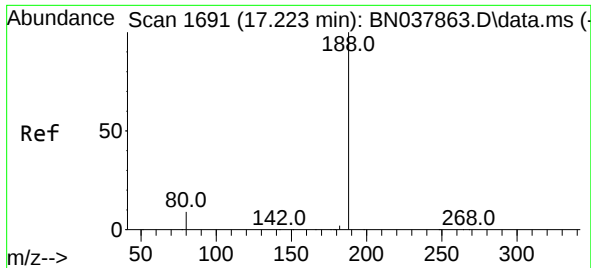


#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29



Tgt Ion:172 Resp: 8960
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.7 19.7 29.5

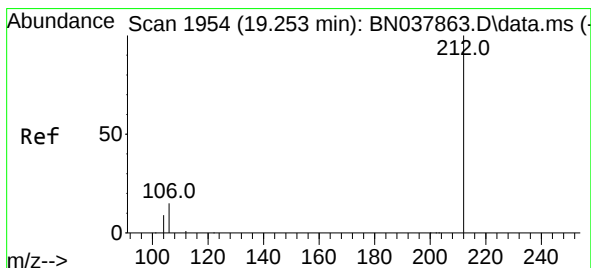
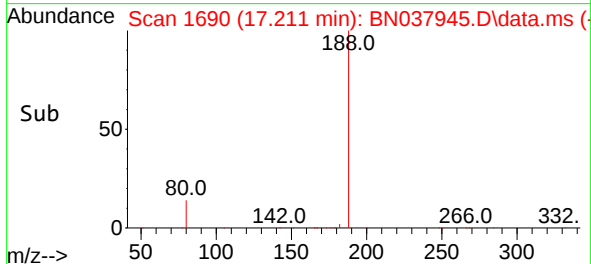
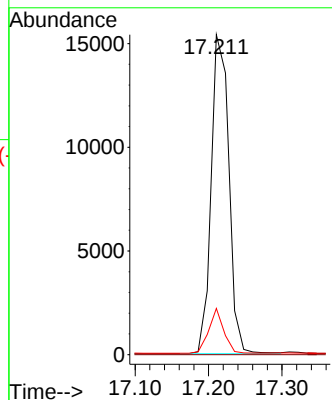
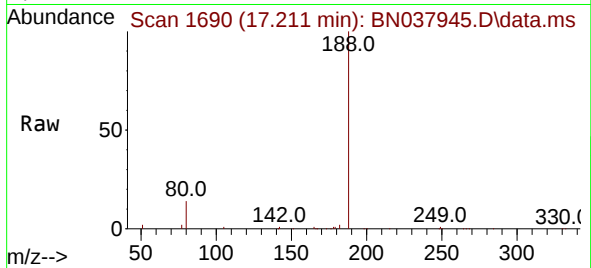




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

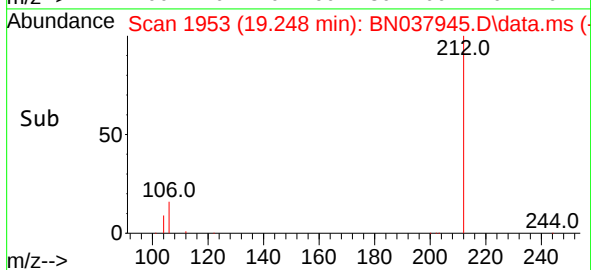
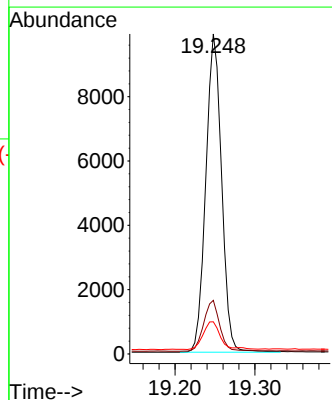
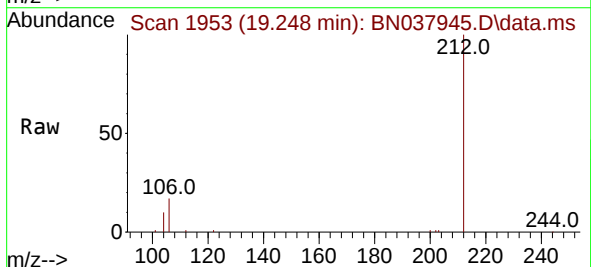
Instrument :
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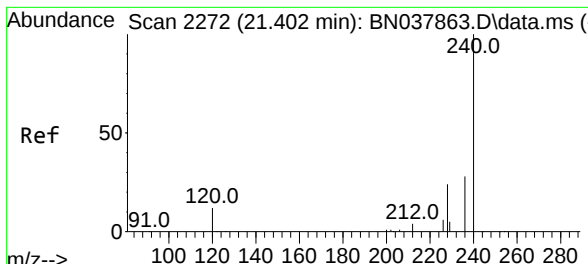
Tgt Ion:188 Resp: 25715
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037945.D
Acq: 30 Sep 2025 13:29

Tgt Ion:212 Resp: 13548
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.2 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037945.D

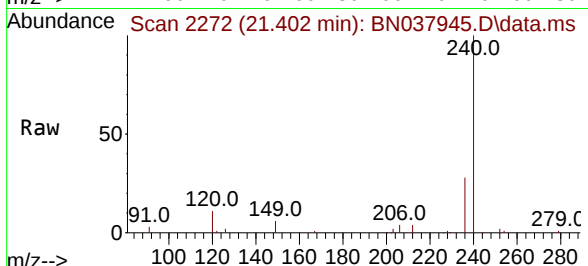
Acq: 30 Sep 2025 13:29

Instrument :

BNA_N

ClientSampleId :

RE132D4-20250918DL



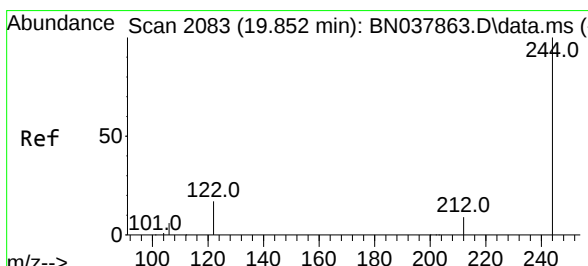
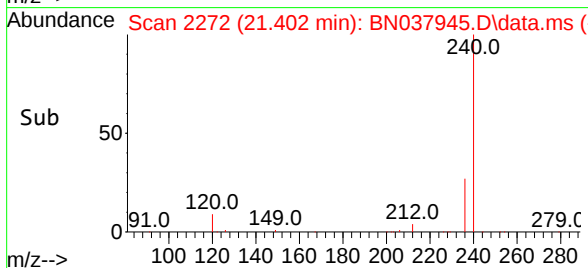
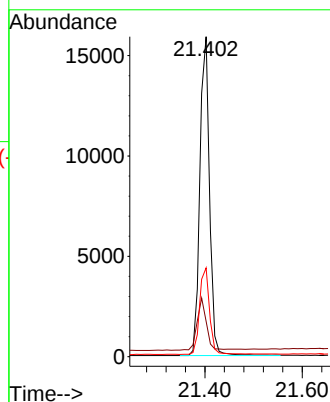
Tgt Ion:240 Resp: 21779

Ion Ratio Lower Upper

240 100

120 11.1 11.4 17.2#

236 27.8 23.0 34.6



#31

Terphenyl-d14

Concen: 0.240 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN037945.D

Acq: 30 Sep 2025 13:29

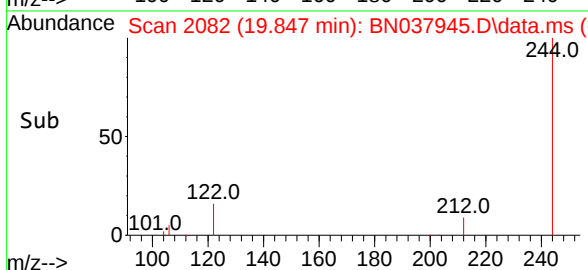
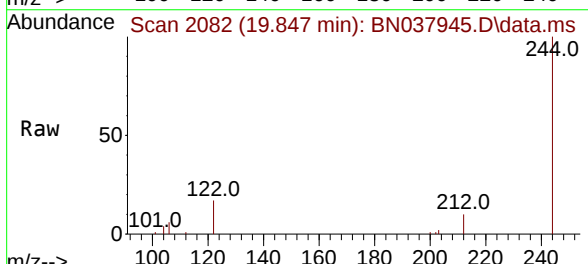
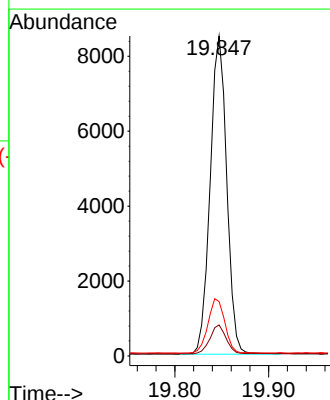
Tgt Ion:244 Resp: 10419

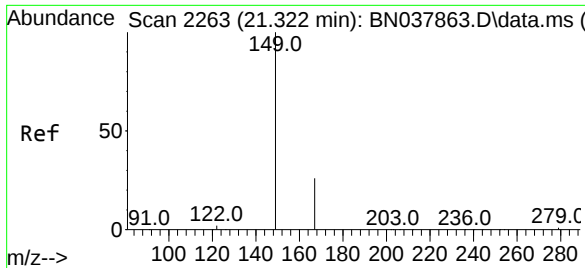
Ion Ratio Lower Upper

244 100

212 9.7 7.6 11.4

122 17.0 13.9 20.9

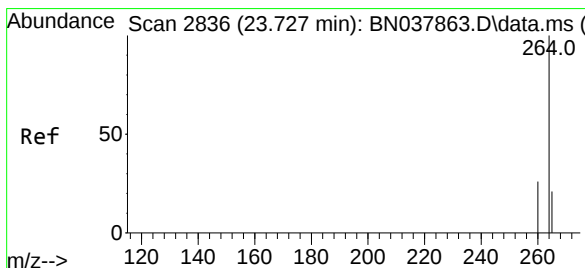
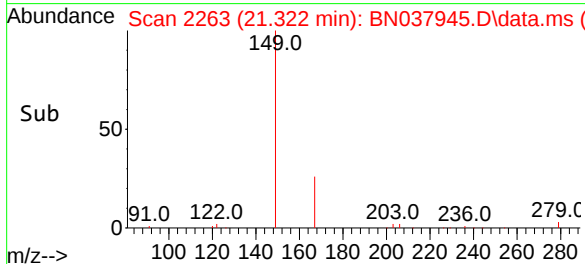
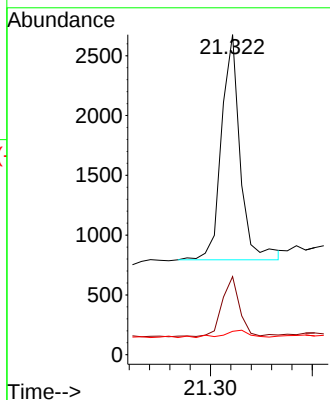
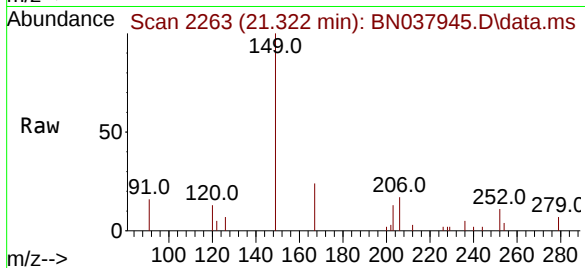




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.322 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037945.D
 Acq: 30 Sep 2025 13:29

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918DL

Tgt Ion:149 Resp: 2404
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.4 30.6
 279 4.5 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 2836
 Delta R.T. 0.000 min
 Lab File: BN037945.D
 Acq: 30 Sep 2025 13:29

Tgt Ion:264 Resp: 20219
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.5 32.3
 265 63.4 53.8 80.6

