

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038074.D
 Acq On : 13 Oct 2025 18:36
 Operator : RC/JU
 Sample : Q3298-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251003

Quant Time: Oct 13 19:05:31 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)

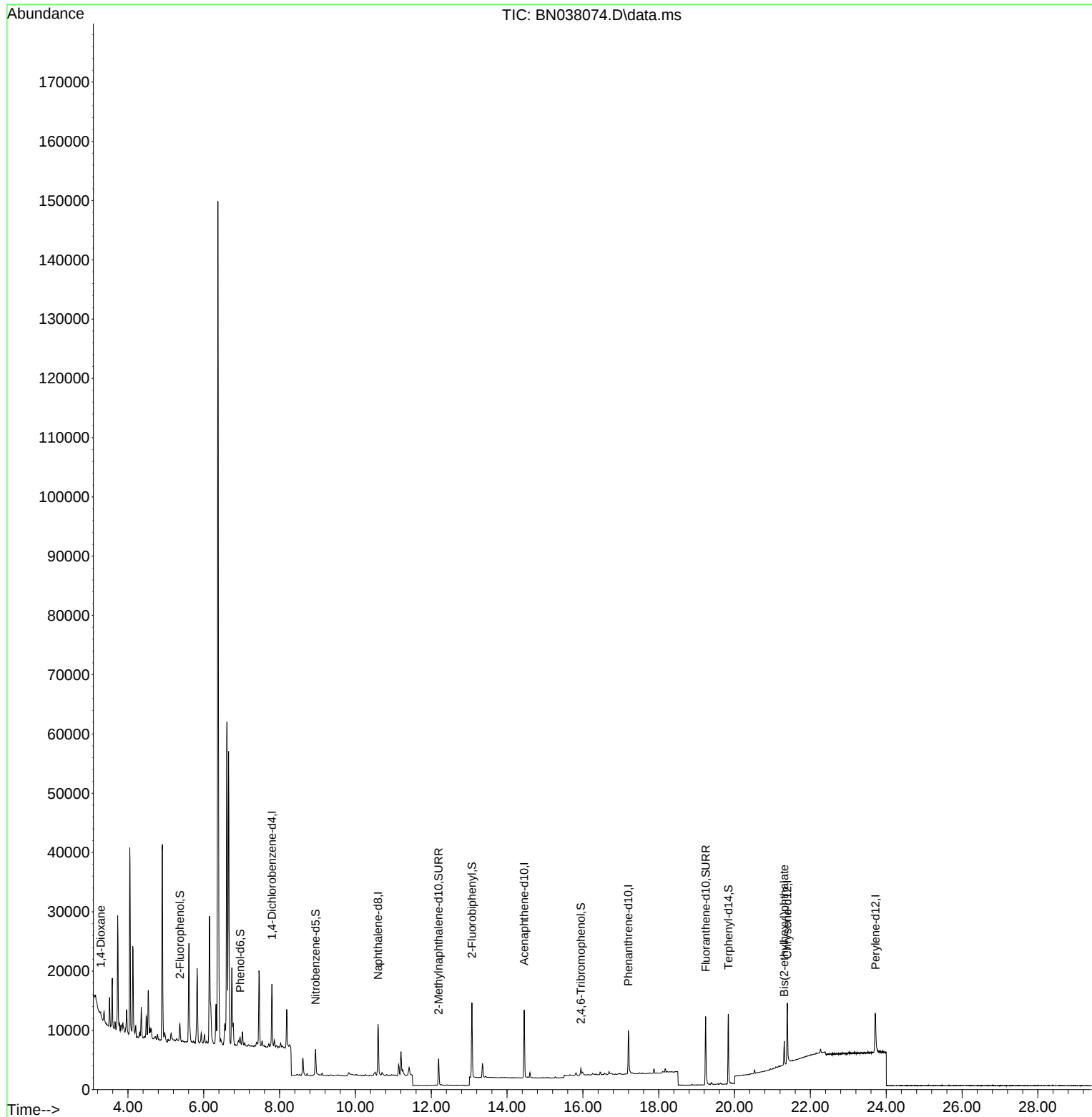
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5123	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	12401	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	6195	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	11996	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	10642	0.400	ng	0.00
35) Perylene-d12	23.715	264	10598	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2081	0.178	ng	-0.01
5) Phenol-d6	6.959	99	1388	0.090	ng	-0.01
8) Nitrobenzene-d5	8.950	82	3662	0.387	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	6185	0.359	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	757	0.322	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	11149	0.440	ng	-0.02
27) Fluoranthene-d10	19.239	212	13340	0.442	ng	-0.01
31) Terphenyl-d14	19.838	244	12218	0.576	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	436	0.084	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.313	149	4000	0.272	ng	# 99

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

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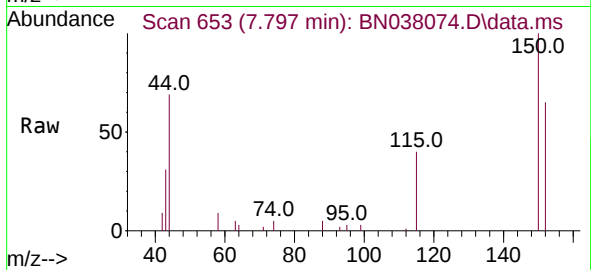
Quant Time: Oct 13 19:05:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



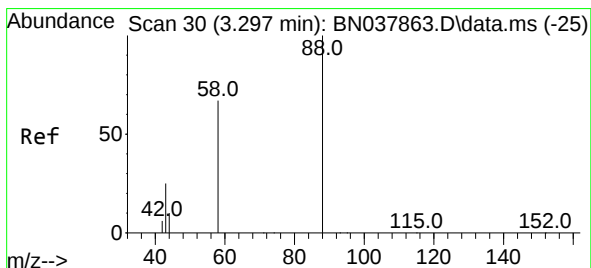
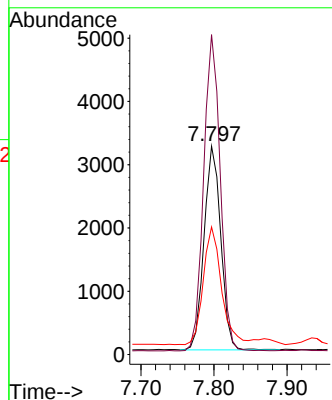
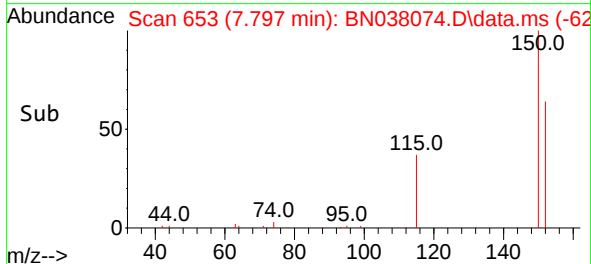


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN038074.D
 Acq: 13 Oct 2025 18:36

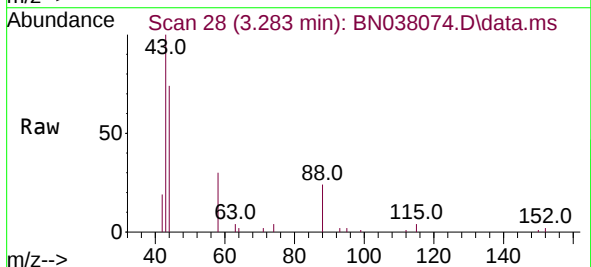
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251003



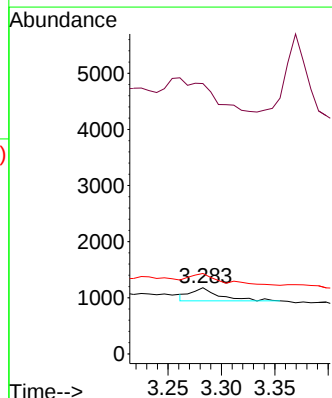
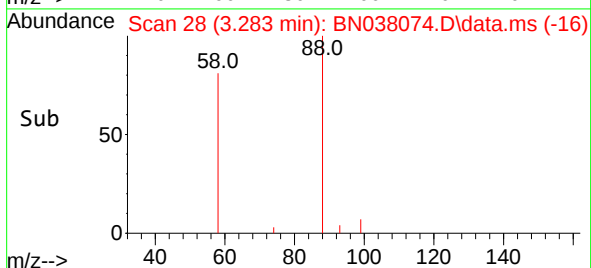
Tgt Ion: 152 Resp: 5123
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.0 181.4
 115 61.2 47.4 71.0

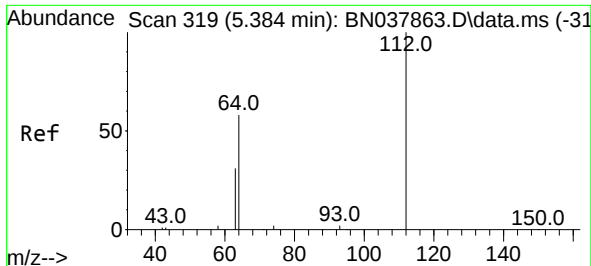


#2
 1,4-Dioxane
 Concen: 0.084 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038074.D
 Acq: 13 Oct 2025 18:36



Tgt Ion: 88 Resp: 436
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 100.7 58.9 88.3#

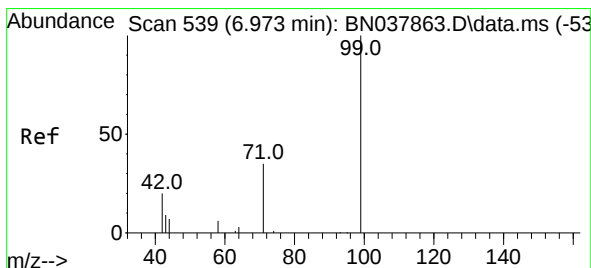
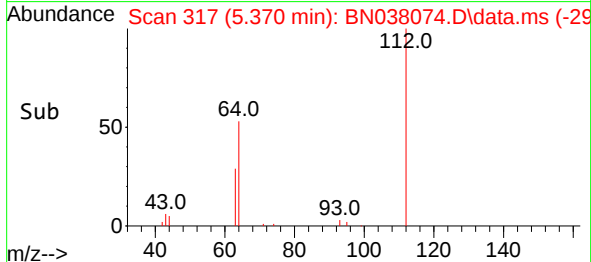
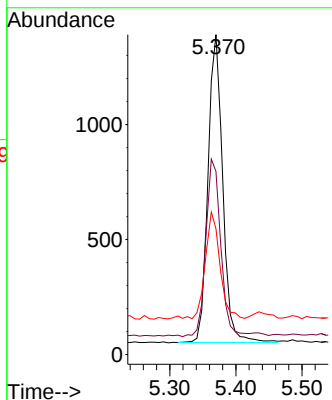
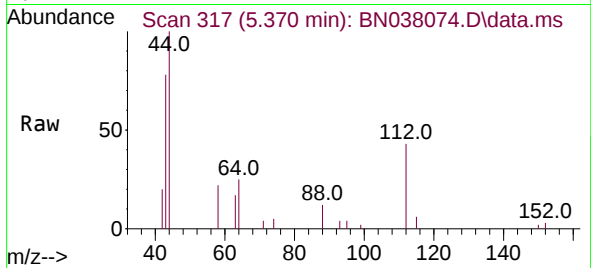




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.370 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

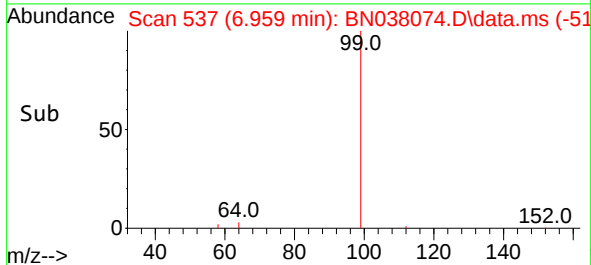
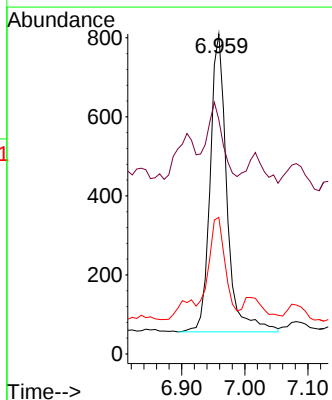
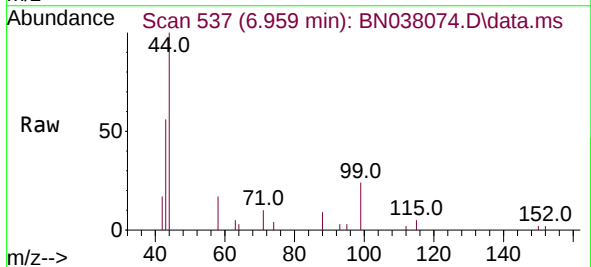
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251003

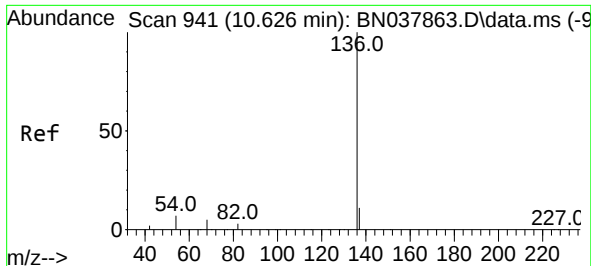
Tgt Ion:112 Resp: 2081
Ion Ratio Lower Upper
112 100
64 58.3 44.6 66.8
63 33.8 24.9 37.3



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

Tgt Ion: 99 Resp: 1388
Ion Ratio Lower Upper
99 100
42 25.6 17.2 25.8
71 28.6 27.3 40.9

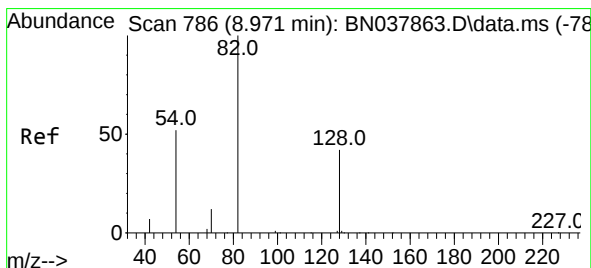
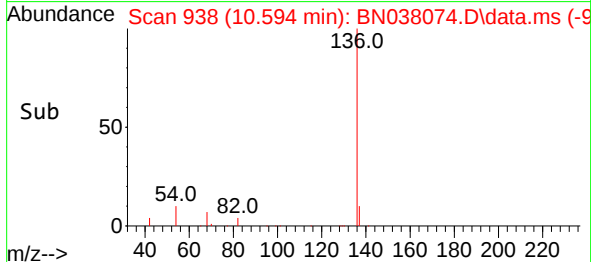
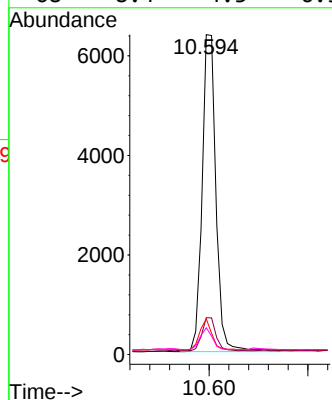
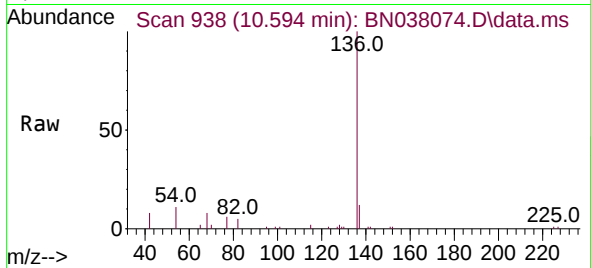




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 941
Delta R.T. -0.032 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

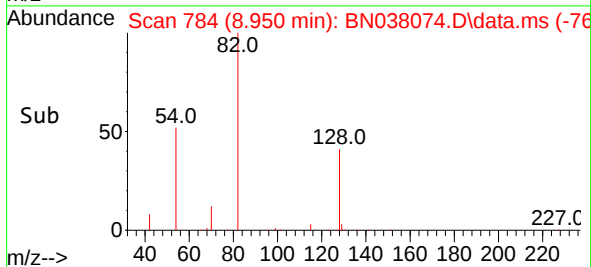
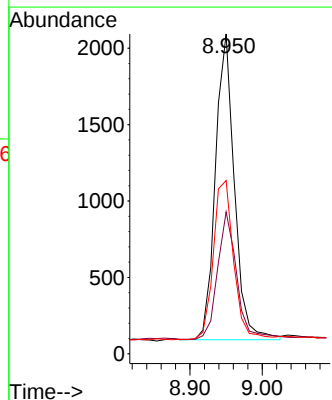
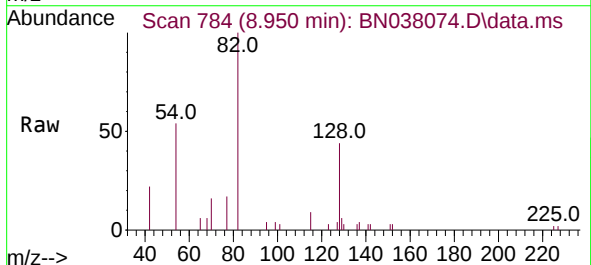
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251003

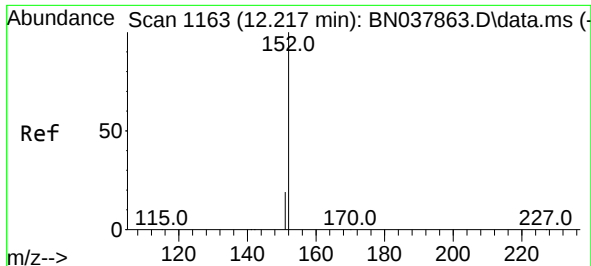
Tgt Ion:	136	Resp:	12401
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	11.2	5.8	8.8#
68	8.4	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

Tgt Ion:	82	Resp:	3662
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.8	52.2
54	54.2	42.2	63.2

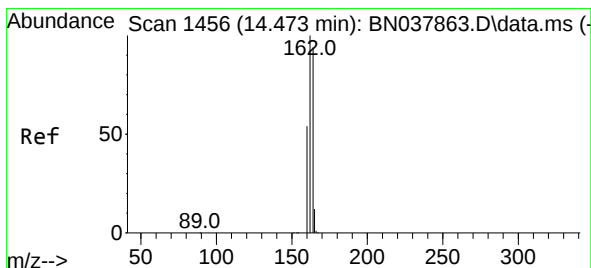
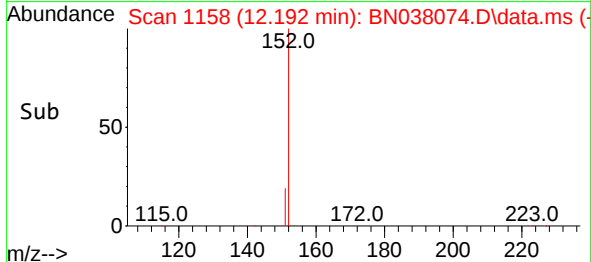
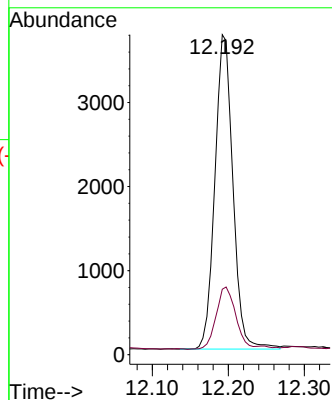
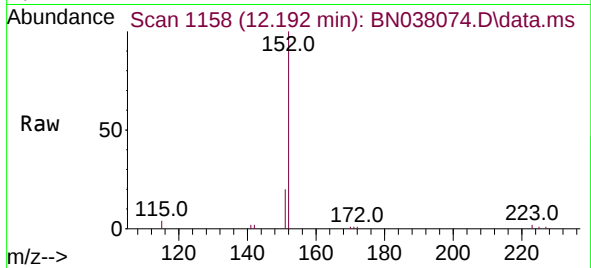




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.192 min Scan# 1163
Delta R.T. -0.025 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

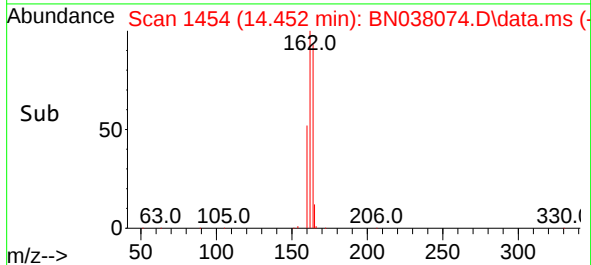
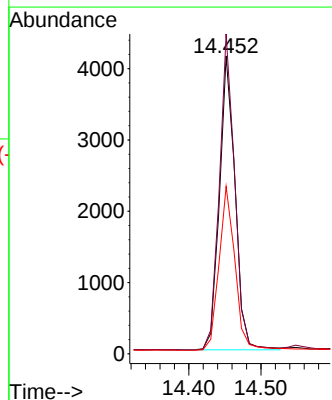
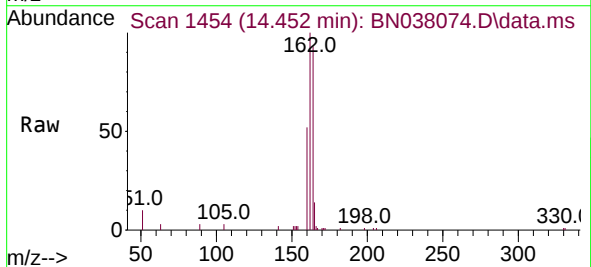
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251003

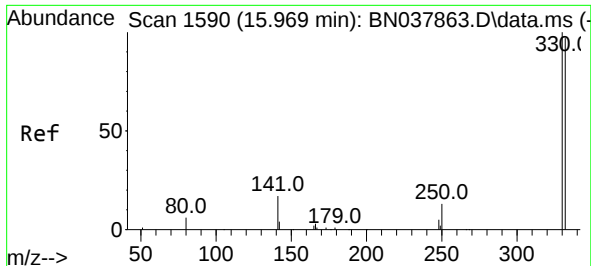
Tgt Ion:152 Resp: 6185
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

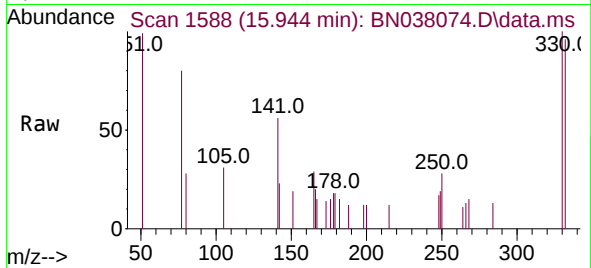
Tgt Ion:164 Resp: 6195
Ion Ratio Lower Upper
164 100
162 107.4 84.8 127.2
160 56.2 46.1 69.1



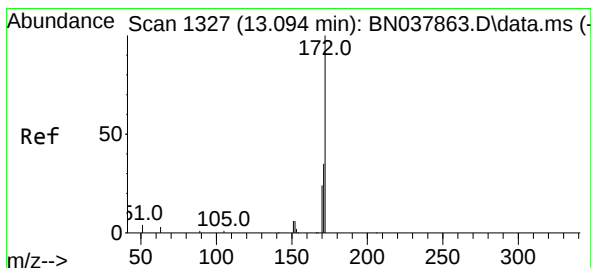
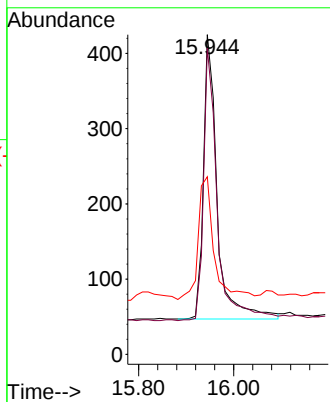
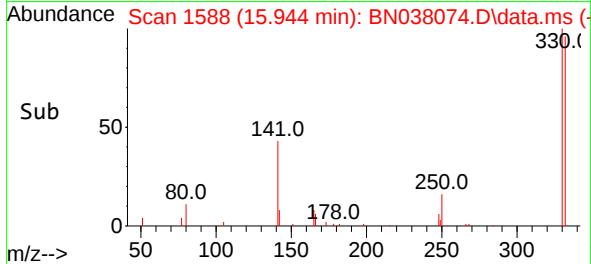


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251003

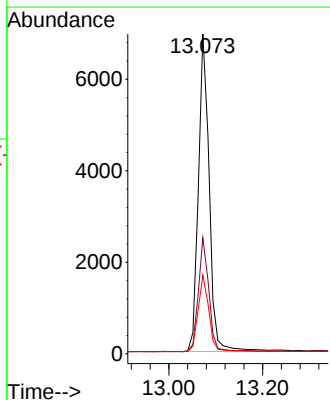
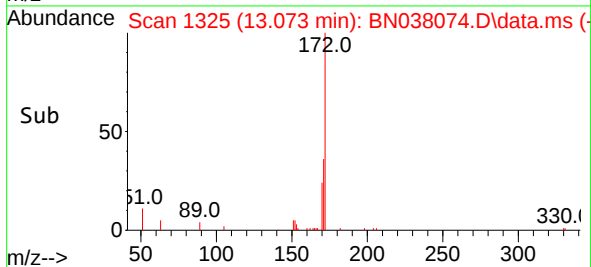
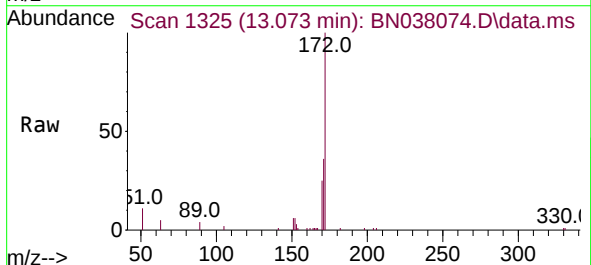


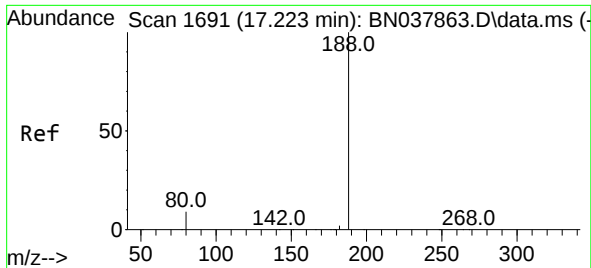
Tgt Ion:330 Resp: 757
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 49.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

Tgt Ion:172 Resp: 11149
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.6 19.7 29.5

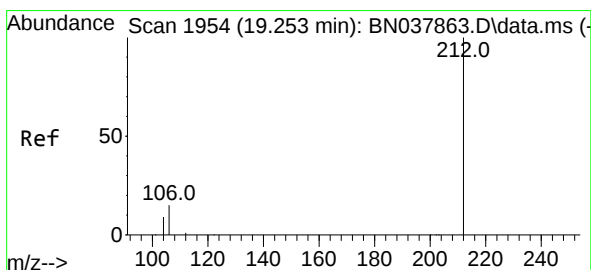
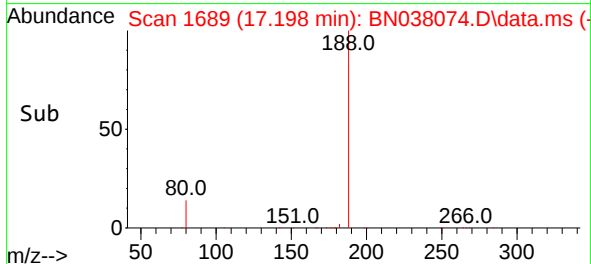
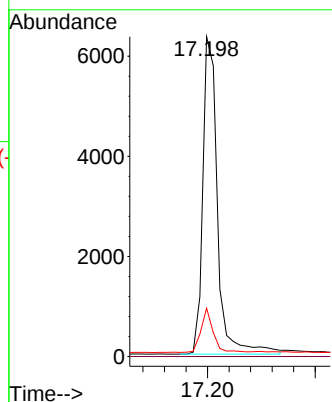
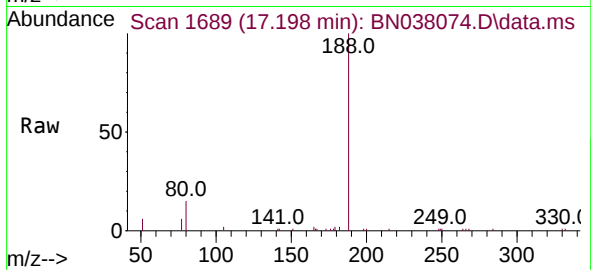




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

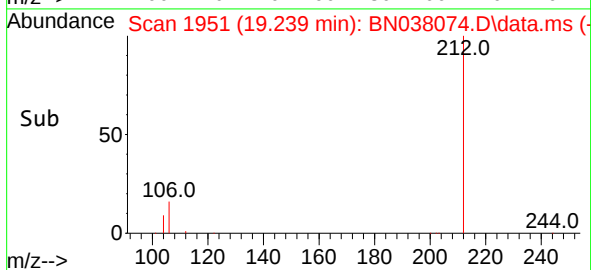
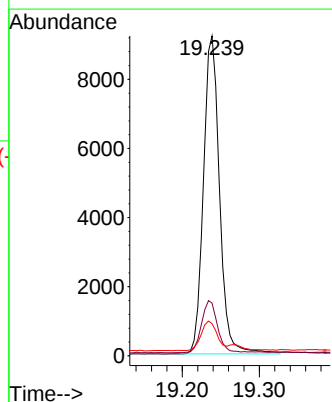
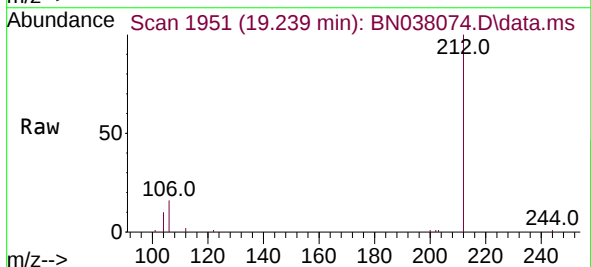
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BP-VPB-184-EB-20251003

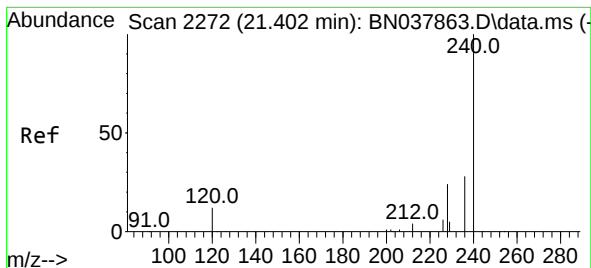
Tgt Ion:188 Resp: 11996
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038074.D
Acq: 13 Oct 2025 18:36

Tgt Ion:212 Resp: 13340
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.2 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: BN038074.D

Acq: 13 Oct 2025 18:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-EB-20251003

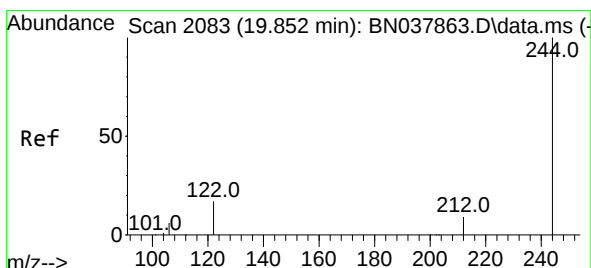
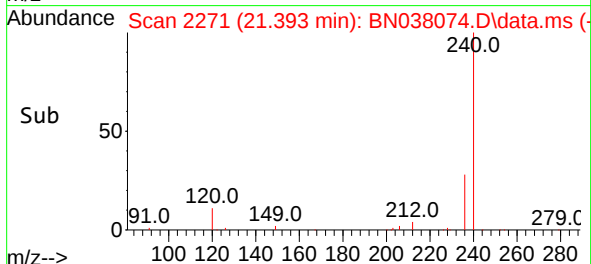
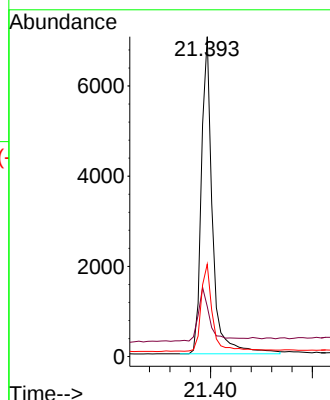
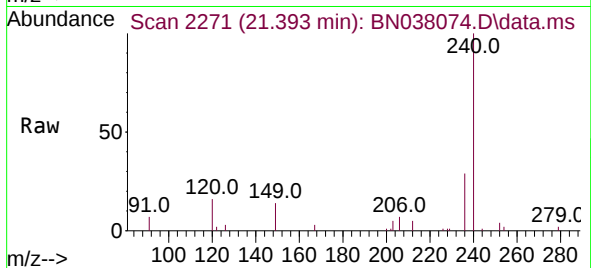
Tgt Ion:240 Resp: 10642

Ion Ratio Lower Upper

240 100

120 15.7 11.4 17.2

236 28.9 23.0 34.6



#31

Terphenyl-d14

Concen: 0.576 ng

RT: 19.838 min Scan# 2080

Delta R.T. -0.014 min

Lab File: BN038074.D

Acq: 13 Oct 2025 18:36

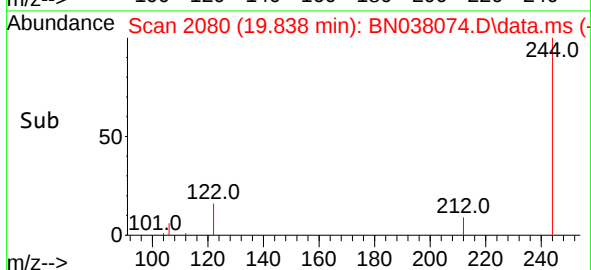
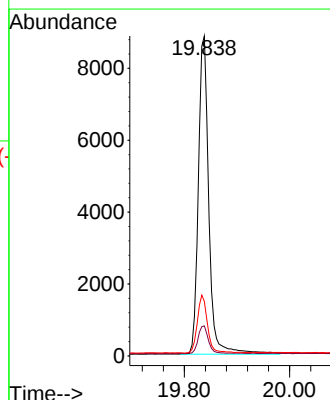
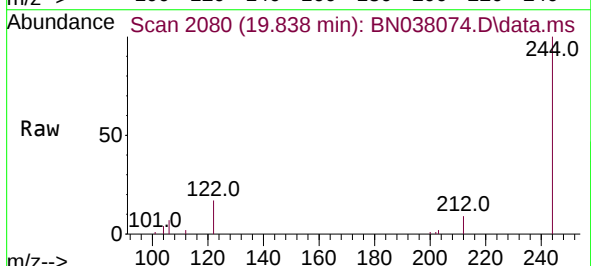
Tgt Ion:244 Resp: 12218

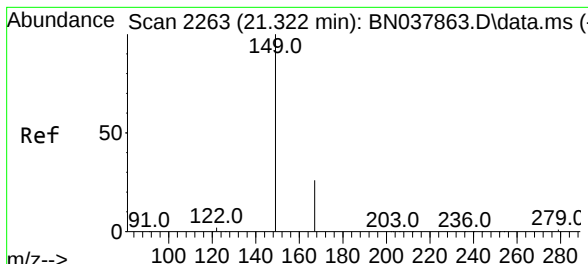
Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

122 17.0 13.9 20.9

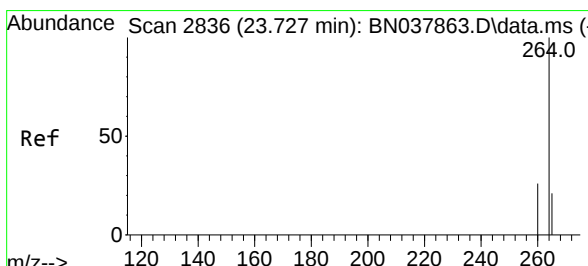
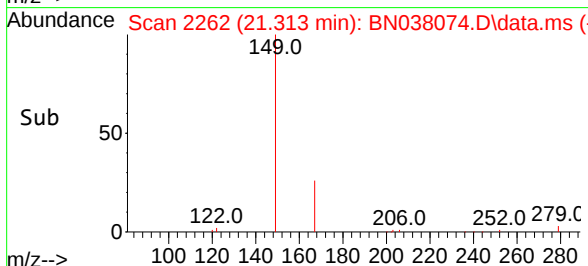
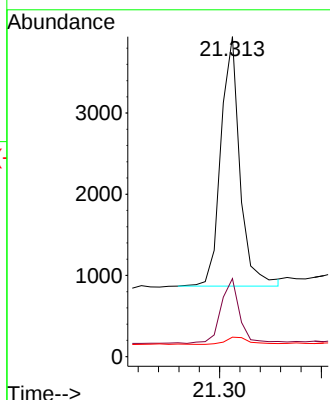
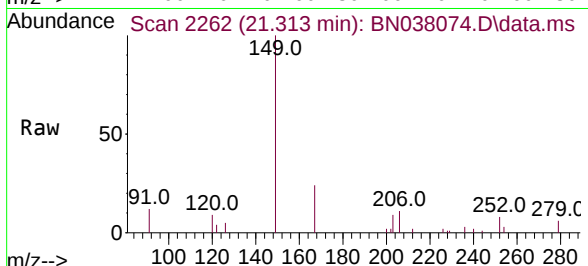




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.272 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038074.D
 Acq: 13 Oct 2025 18:36

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251003

Tgt Ion:149 Resp: 4000
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.4 30.6
 279 3.7 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 2832
 Delta R.T. -0.012 min
 Lab File: BN038074.D
 Acq: 13 Oct 2025 18:36

Tgt Ion:264 Resp: 10598
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.5 32.3
 265 110.6 53.8 80.6#

