

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038013.D
 Acq On : 06 Oct 2025 17:22
 Operator : RC/JU
 Sample : Q3194-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250922

Quant Time: Oct 06 17:47:13 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)

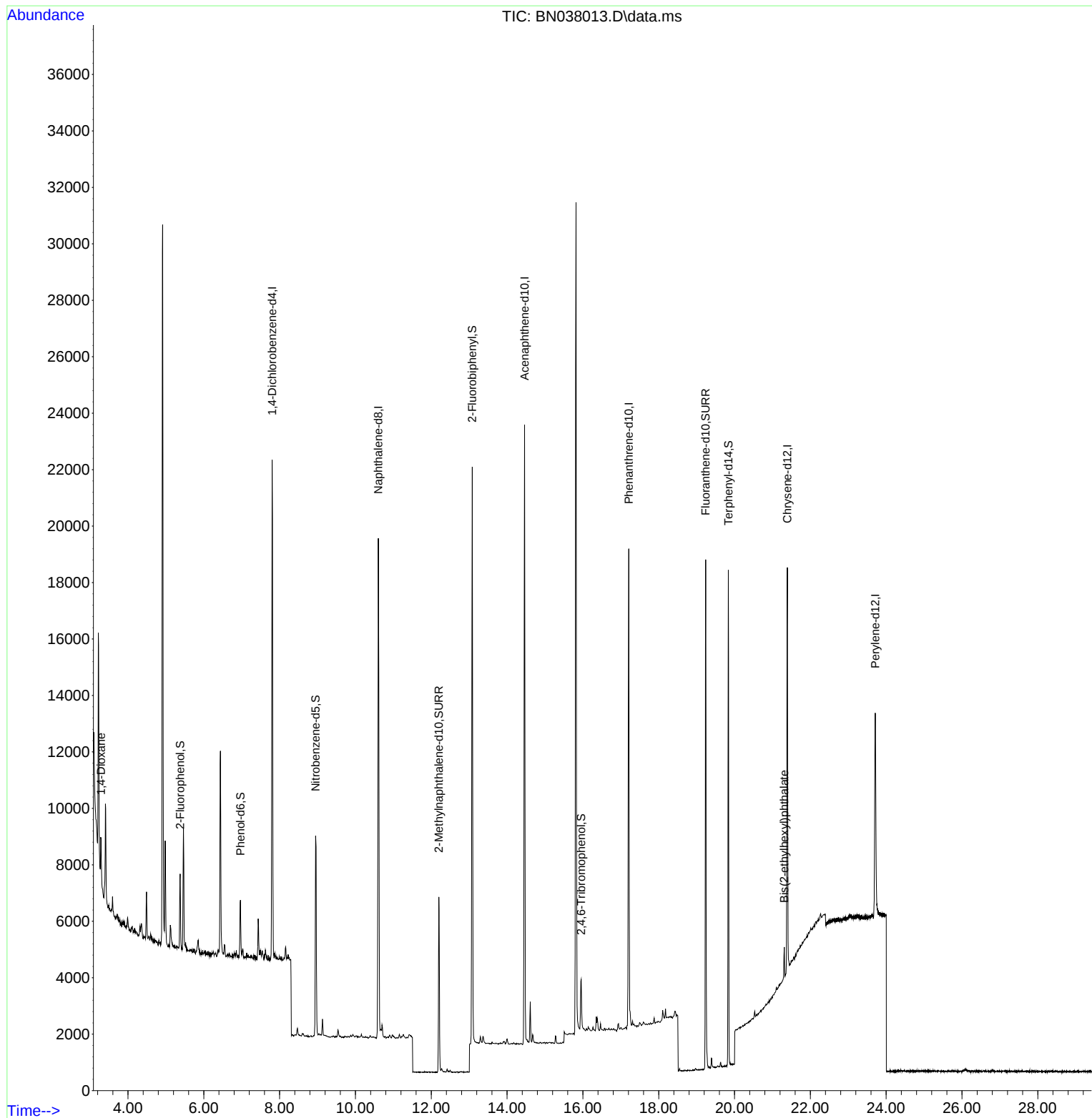
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8436	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	23277	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11715	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	22848	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	13580	0.400	ng	0.00
35) Perylene-d12	23.712	264	10518	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2117	0.110	ng	0.00
5) Phenol-d6	6.966	99	1879	0.074	ng	0.00
8) Nitrobenzene-d5	8.950	82	5960	0.336	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	8482	0.262	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1206	0.271	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17361	0.362	ng	-0.01
27) Fluoranthene-d10	19.239	212	19490	0.339	ng	-0.01
31) Terphenyl-d14	19.838	244	16058	0.594	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.290	88	1054	0.123	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.313	149	1109	0.059	ng	# 98

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

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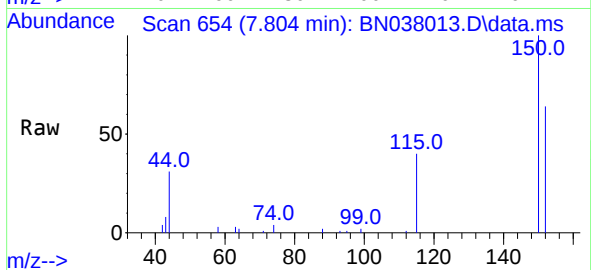
Quant Time: Oct 06 17:47:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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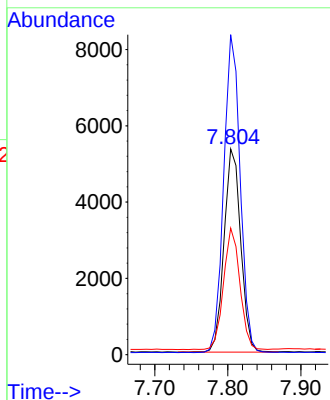
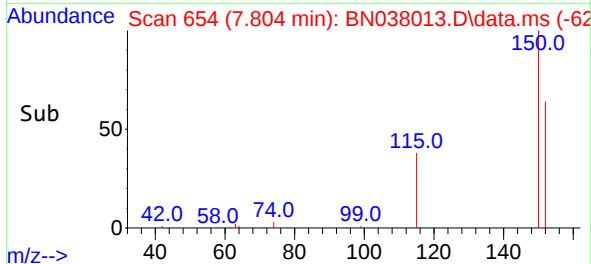


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038013.D
 Acq: 06 Oct 2025 17:22

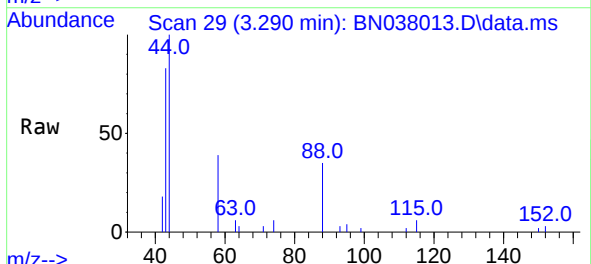
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250922



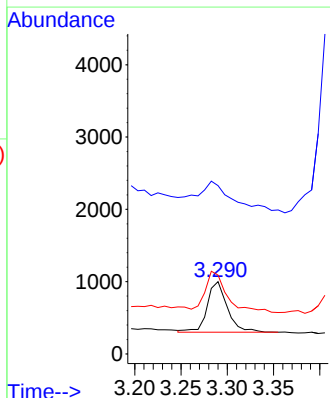
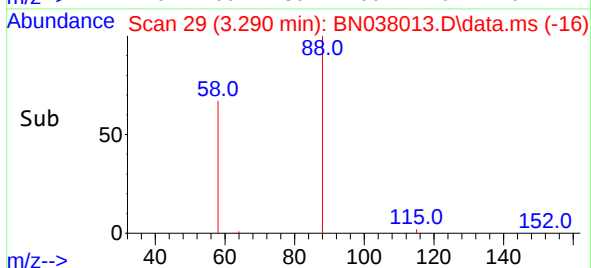
Tgt Ion:152 Resp: 8436
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.0 181.4
 115 61.5 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.123 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN038013.D
 Acq: 06 Oct 2025 17:22



Tgt Ion: 88 Resp: 1054
 Ion Ratio Lower Upper
 88 100
 43 90.9 26.6 39.8#
 58 88.5 58.9 88.3#





#4

2-Fluorophenol

Concen: 0.110 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038013.D

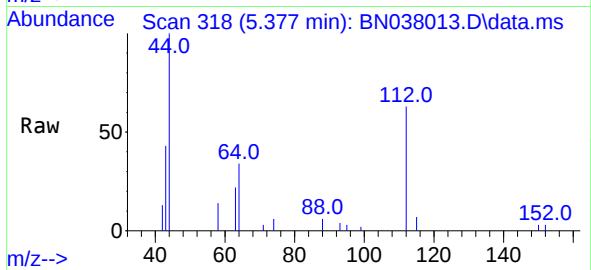
Acq: 06 Oct 2025 17:22

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250922



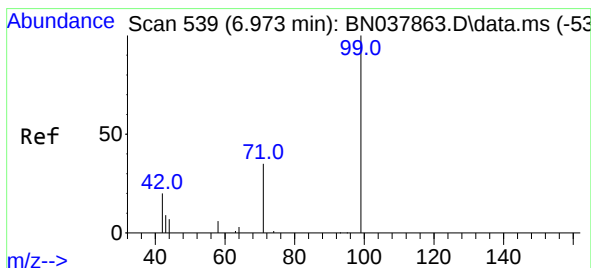
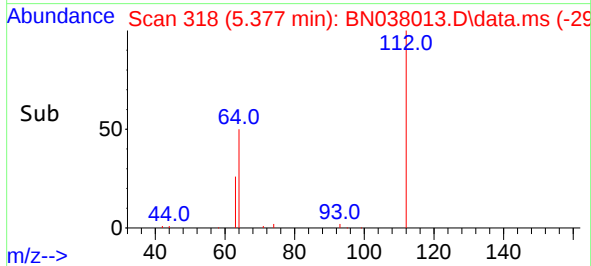
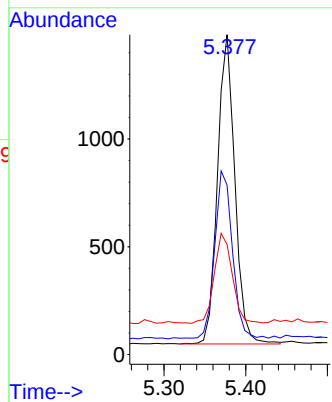
Tgt Ion:112 Resp: 2117

Ion Ratio Lower Upper

112 100

64 54.8 44.6 66.8

63 30.0 24.9 37.3



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN038013.D

Acq: 06 Oct 2025 17:22

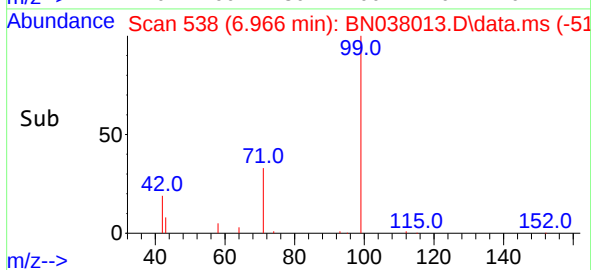
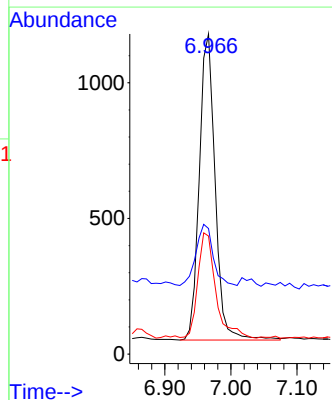
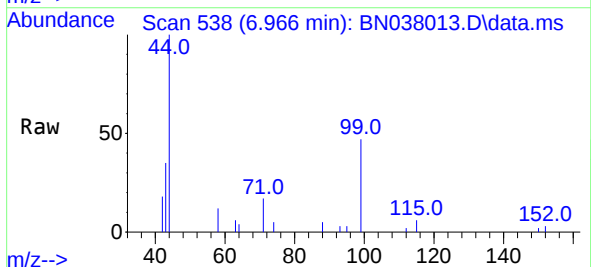
Tgt Ion: 99 Resp: 1879

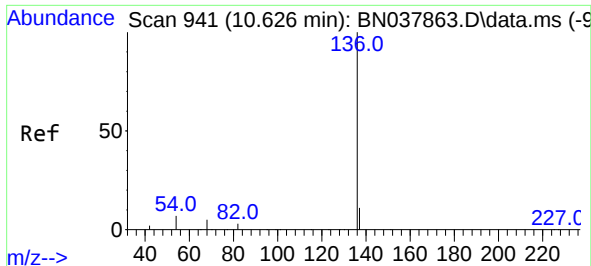
Ion Ratio Lower Upper

99 100

42 21.3 17.2 25.8

71 38.9 27.3 40.9

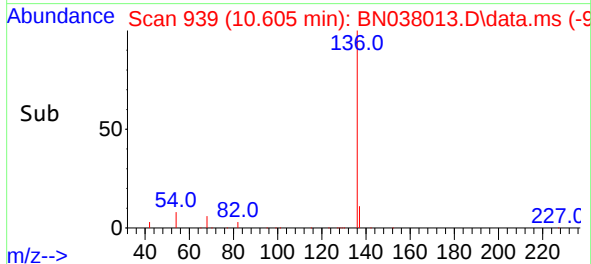
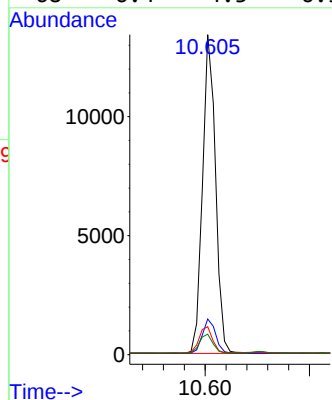
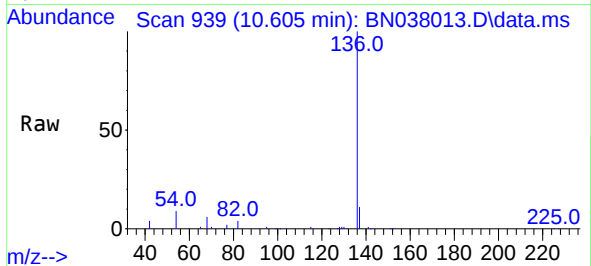




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

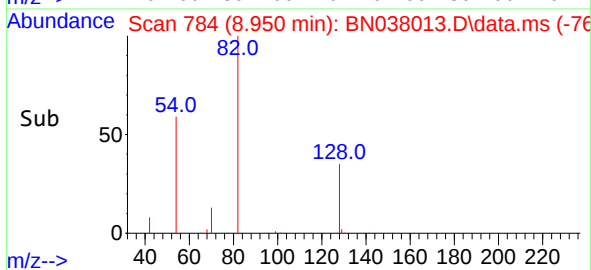
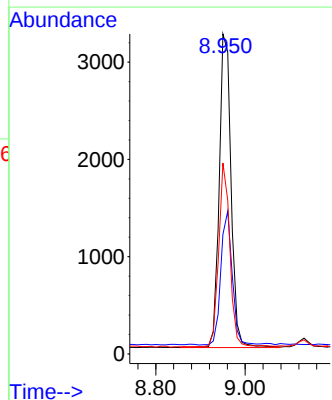
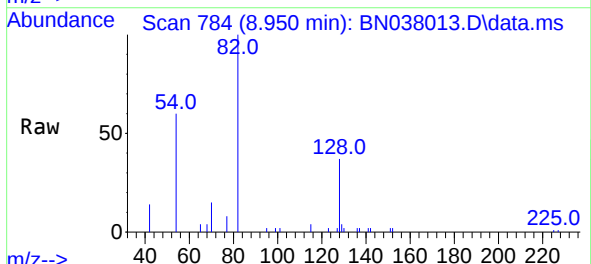
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250922

Tgt Ion:	136	Resp:	23277
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.8	5.8	8.8
68	6.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Tgt Ion:	82	Resp:	5960
Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.8	52.2
54	59.6	42.2	63.2

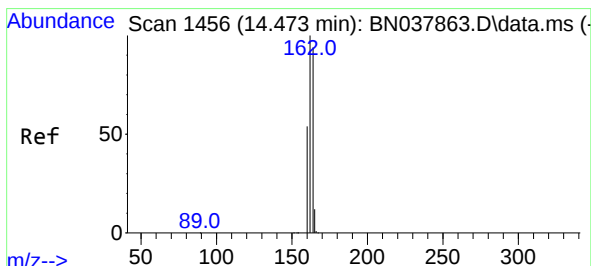
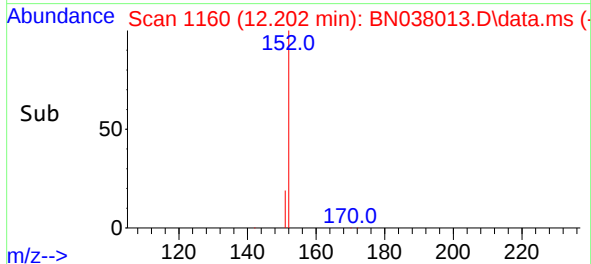
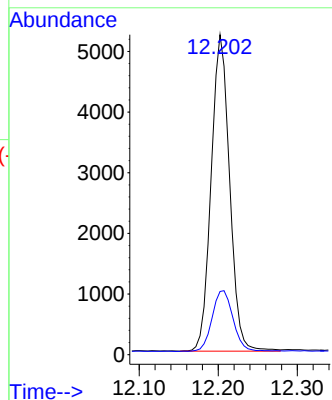
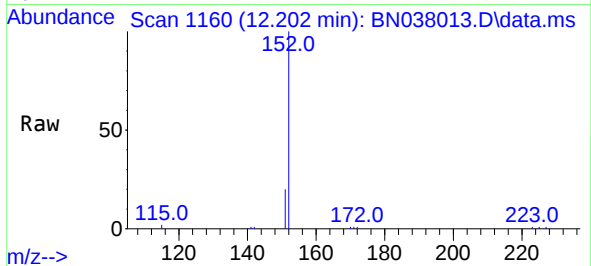




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

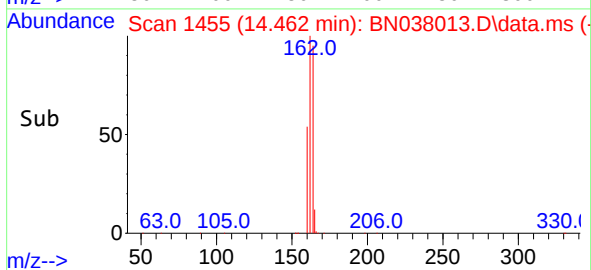
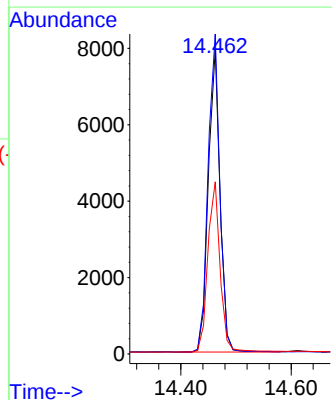
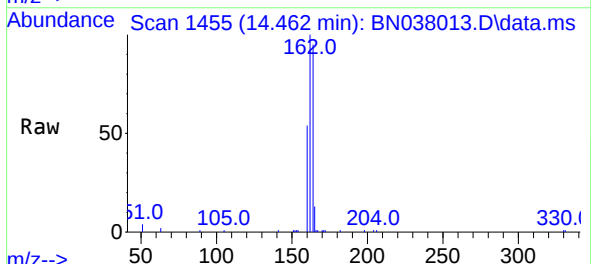
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250922

Tgt Ion:152 Resp: 8482
Ion Ratio Lower Upper
152 100
151 22.0 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: BN038013.D
Acq: 06 Oct 2025 17:22

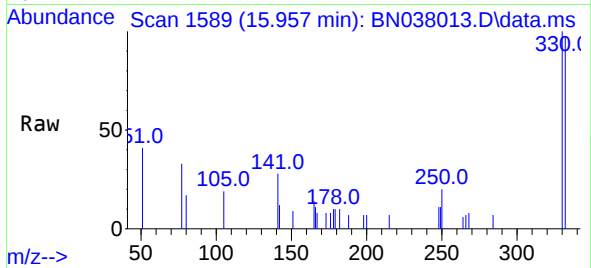
Tgt Ion:164 Resp: 11715
Ion Ratio Lower Upper
164 100
162 105.1 84.8 127.2
160 56.5 46.1 69.1



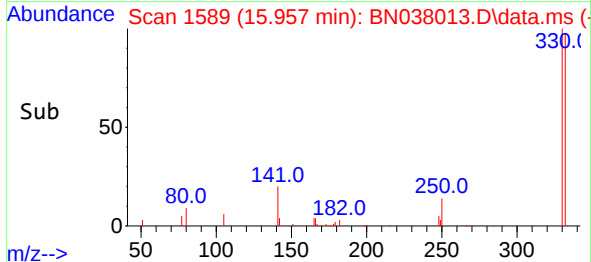
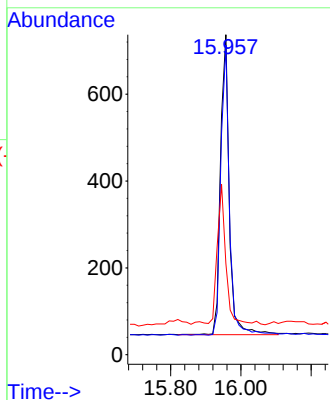


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250922

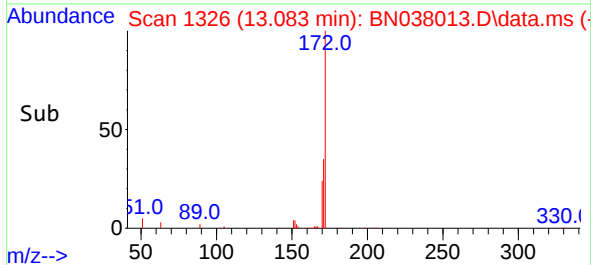
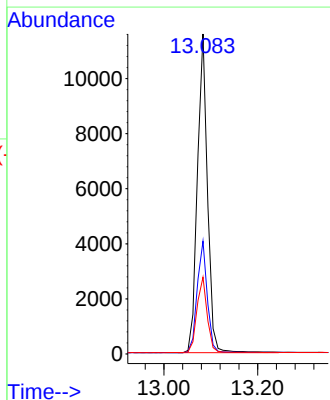
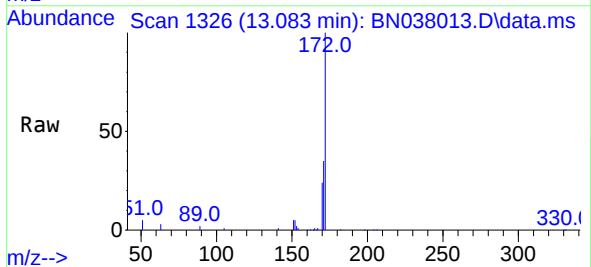


Tgt Ion:330 Resp: 1206
Ion Ratio Lower Upper
330 100
332 95.2 77.2 115.8
141 45.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Tgt Ion:172 Resp: 17361
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.7 29.5

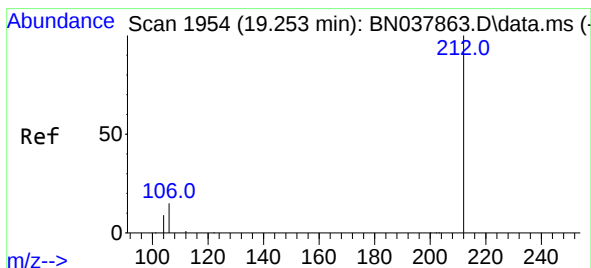
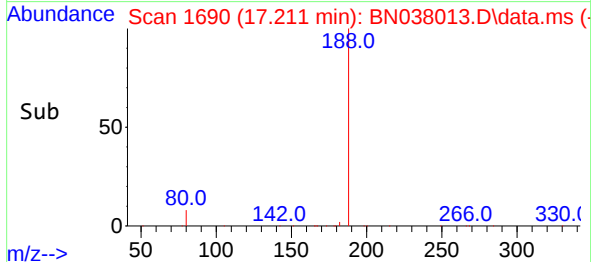
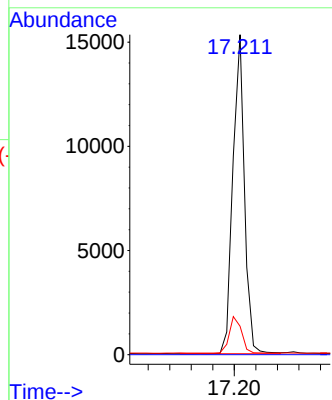
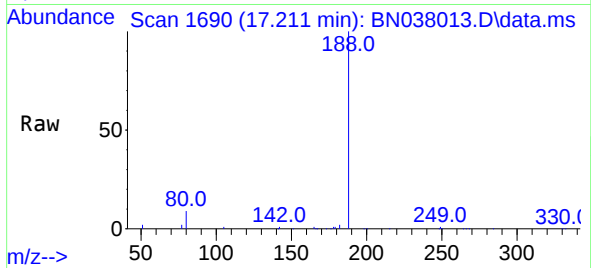




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

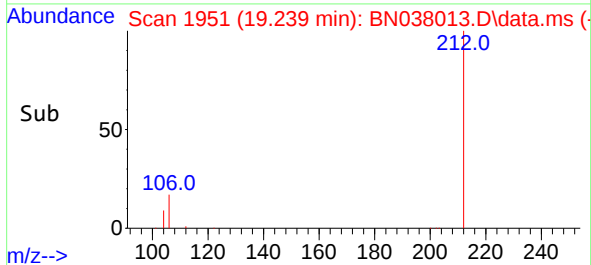
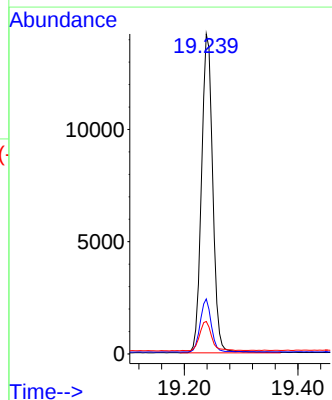
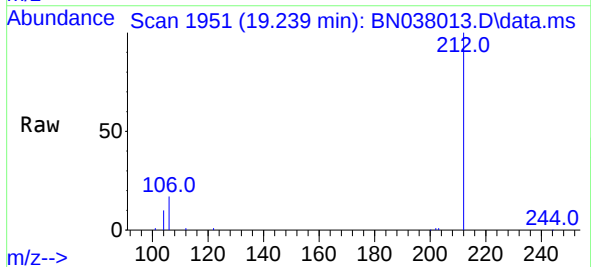
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250922

Tgt Ion:188 Resp: 22848
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Tgt Ion:212 Resp: 19490
Ion Ratio Lower Upper
212 100
106 16.5 12.6 19.0
104 10.2 7.4 11.0

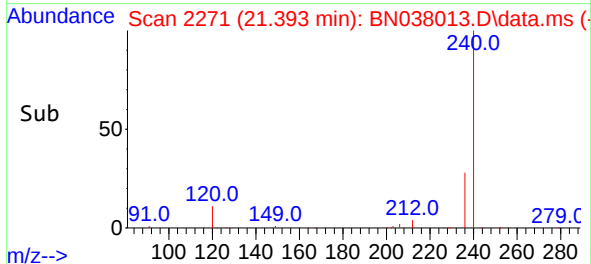
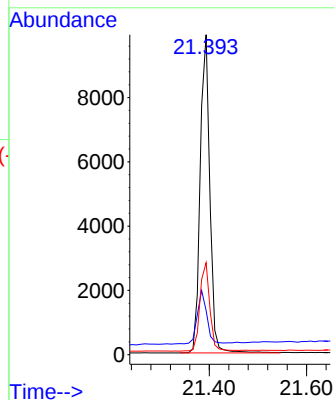
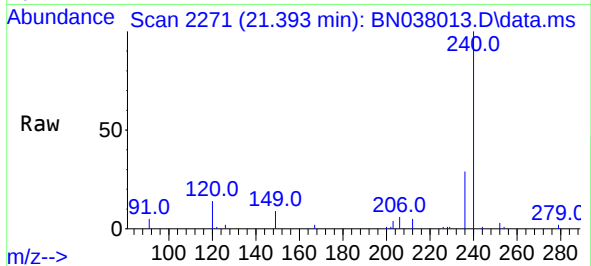




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

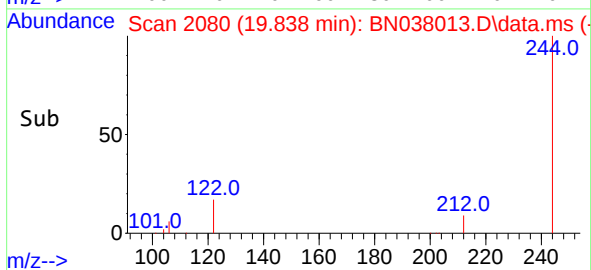
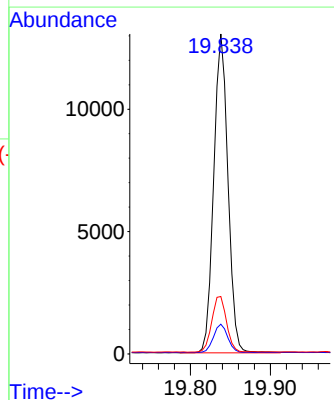
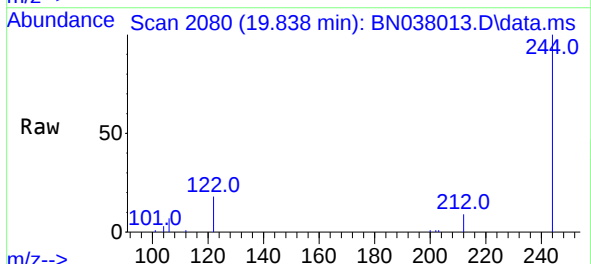
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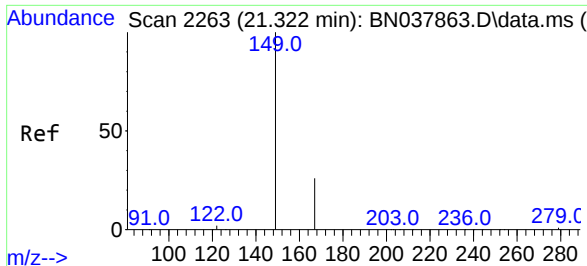
Tgt Ion:240 Resp: 13580
Ion Ratio Lower Upper
240 100
120 13.8 11.4 17.2
236 28.8 23.0 34.6



#31
Terphenyl-d14
Concen: 0.594 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Tgt Ion:244 Resp: 16058
Ion Ratio Lower Upper
244 100
212 9.3 7.6 11.4
122 18.0 13.9 20.9

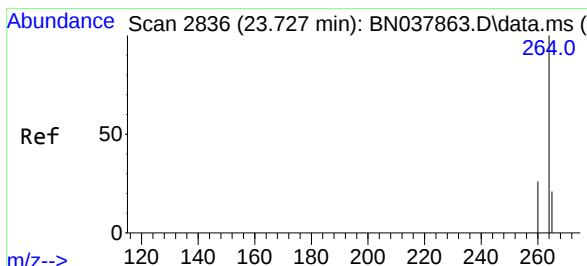
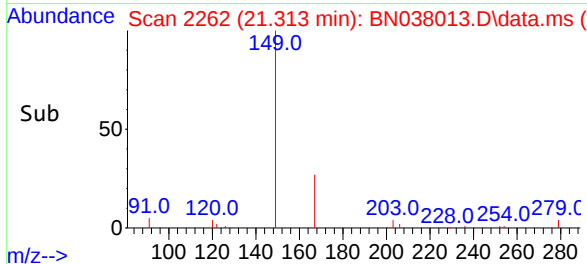
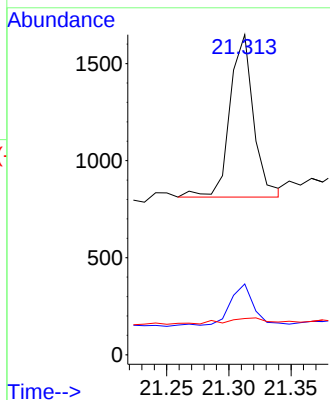
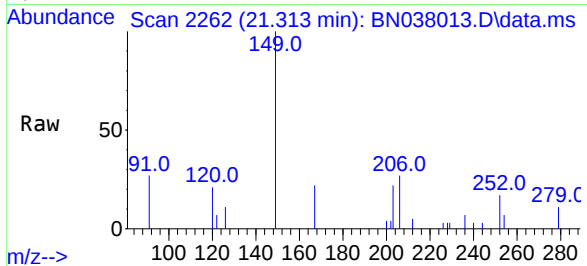




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.313 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Instrument :
BNA_N
ClientSampleId :
TT188S1-20250922

Tgt Ion:149 Resp: 1109
Ion Ratio Lower Upper
149 100
167 24.5 20.4 30.6
279 5.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 2831
Delta R.T. -0.015 min
Lab File: BN038013.D
Acq: 06 Oct 2025 17:22

Tgt Ion:264 Resp: 10518
Ion Ratio Lower Upper
264 100
260 26.8 21.5 32.3
265 101.5 53.8 80.6#

