

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038035.D
 Acq On : 07 Oct 2025 07:22
 Operator : RC/JU
 Sample : Q3235-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250926

Quant Time: Oct 07 08:10:32 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)

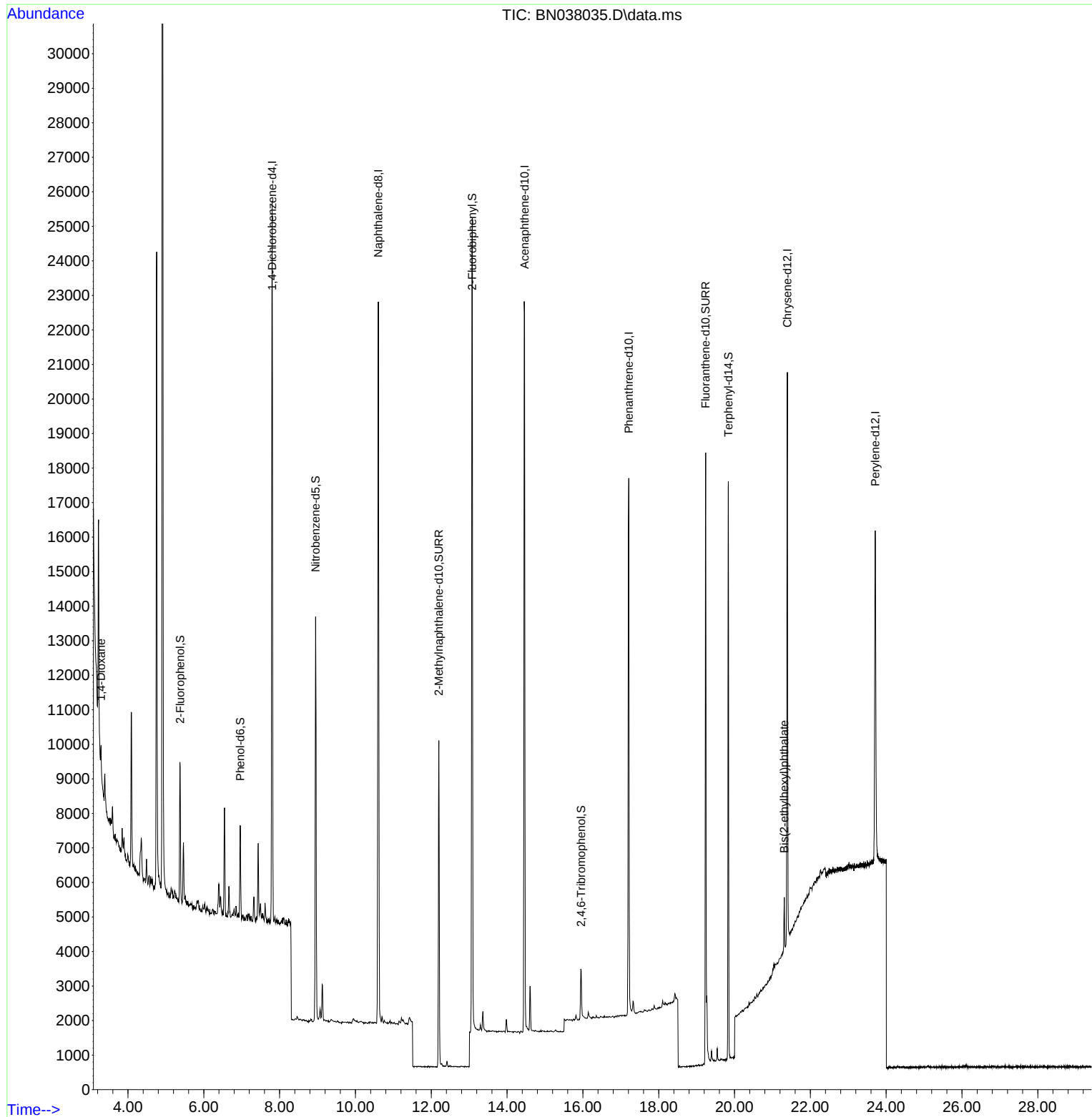
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	10097	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	27762	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	13082	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23156	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	15070	0.400	ng	0.00
35) Perylene-d12	23.712	264	14086	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3244	0.141	ng	0.00
5) Phenol-d6	6.959	99	2370	0.078	ng	-0.01
8) Nitrobenzene-d5	8.950	82	8978	0.424	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	12824	0.333	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	981	0.198	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	23113	0.432	ng	-0.01
27) Fluoranthene-d10	19.239	212	19534	0.335	ng	-0.01
31) Terphenyl-d14	19.838	244	15896	0.530	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	543	0.053	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.313	149	1641	0.079	ng	# 96

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

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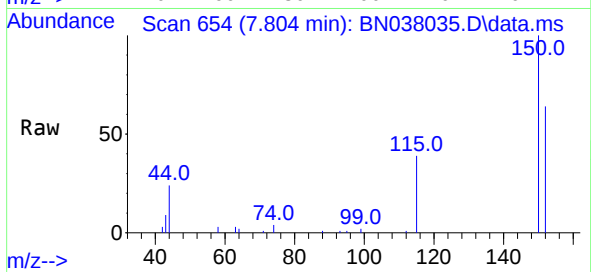
Quant Time: Oct 07 08:10:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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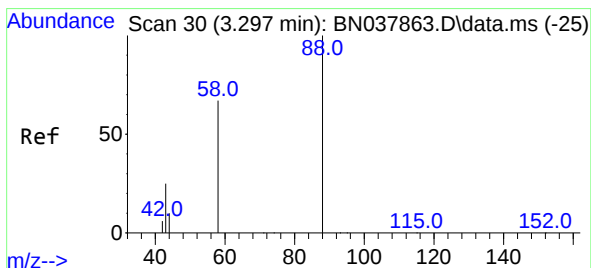
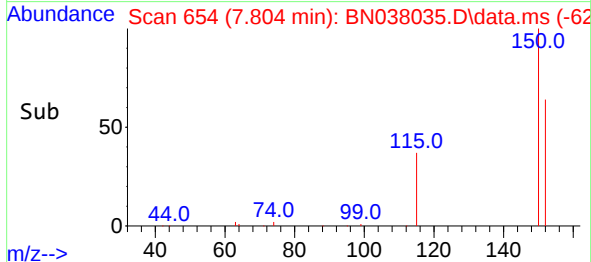
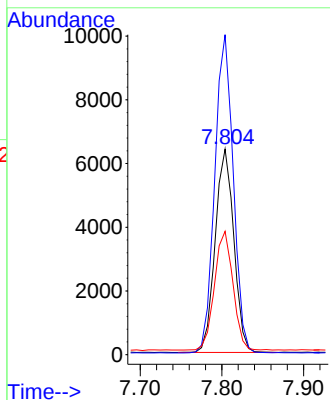


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250926

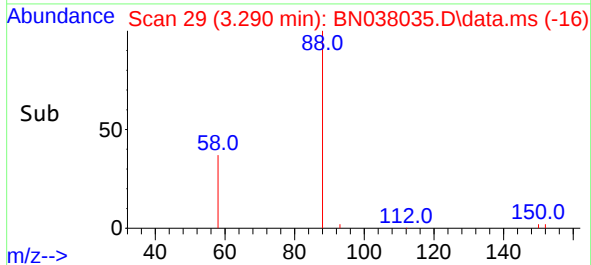
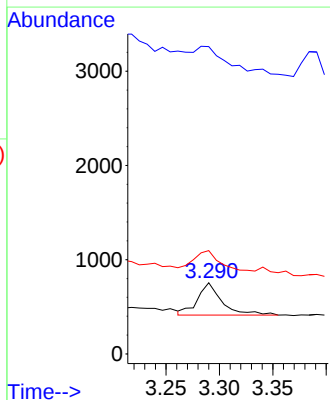
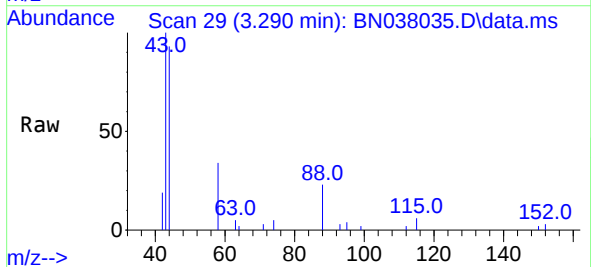


Tgt Ion:152 Resp: 10097
Ion Ratio Lower Upper
152 100
150 155.7 121.0 181.4
115 60.0 47.4 71.0



#2
1,4-Dioxane
Concen: 0.053 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion: 88 Resp: 543
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 65.0 58.9 88.3





#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038035.D

Acq: 07 Oct 2025 07:22

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20250926

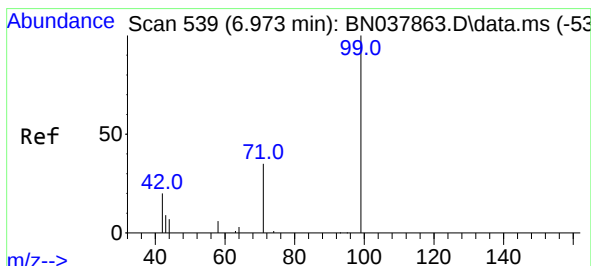
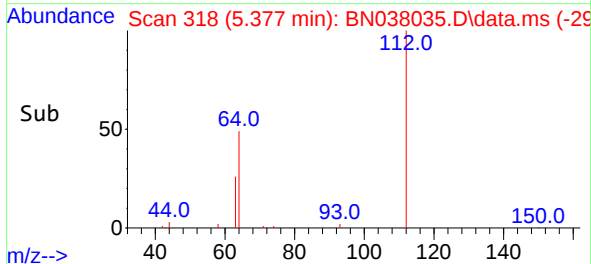
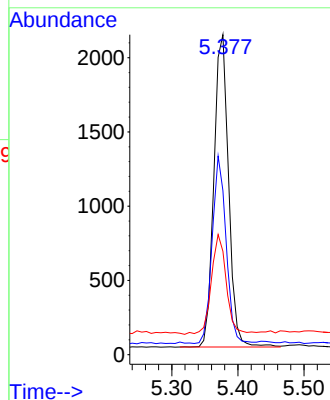
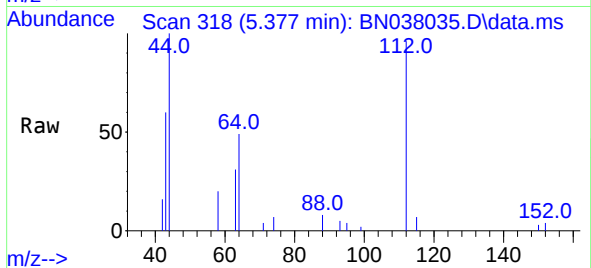
Tgt Ion:112 Resp: 3244

Ion Ratio Lower Upper

112 100

64 56.9 44.6 66.8

63 32.6 24.9 37.3



#5

Phenol-d6

Concen: 0.078 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.014 min

Lab File: BN038035.D

Acq: 07 Oct 2025 07:22

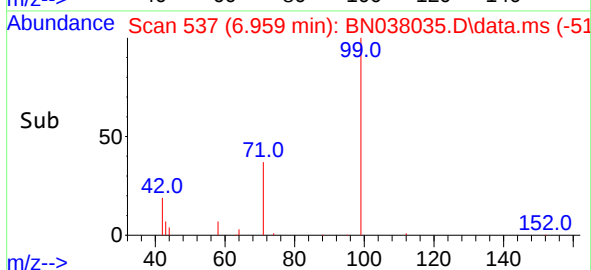
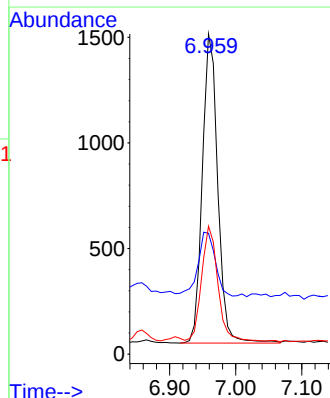
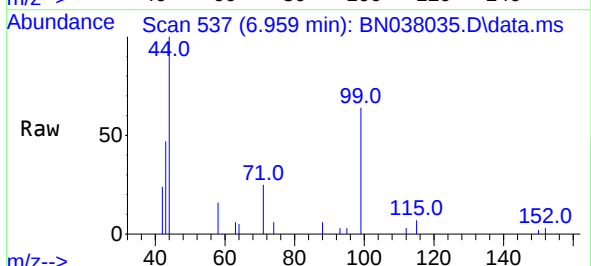
Tgt Ion: 99 Resp: 2370

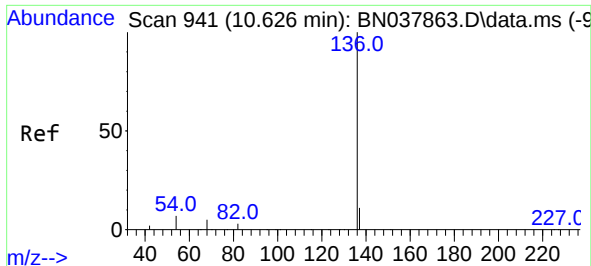
Ion Ratio Lower Upper

99 100

42 22.9 17.2 25.8

71 38.9 27.3 40.9

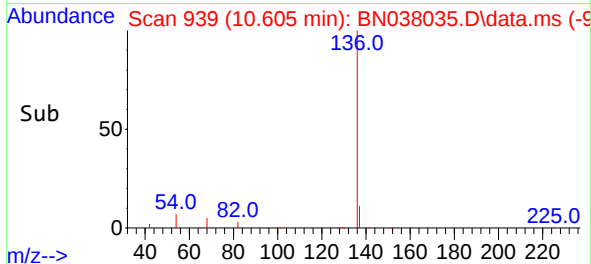
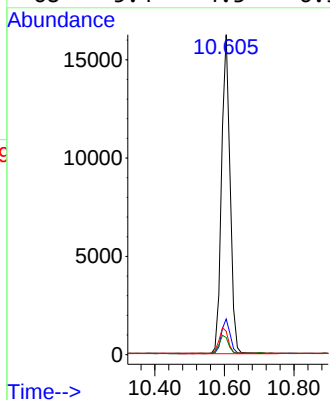
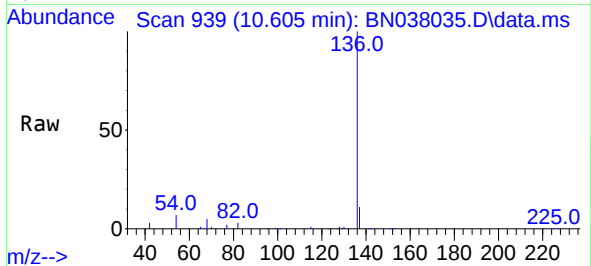




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

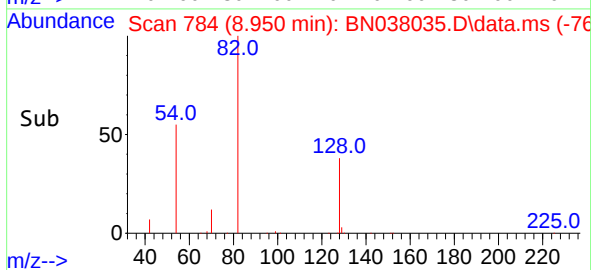
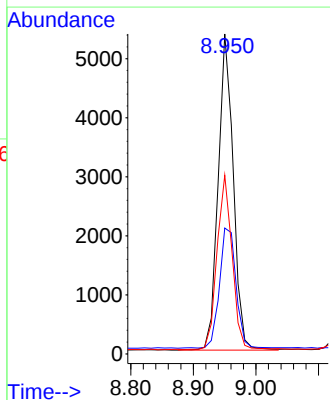
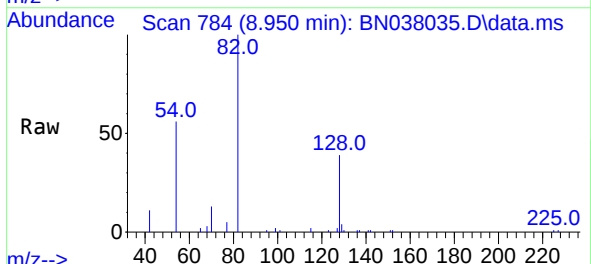
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250926

Tgt Ion:	136	Resp:	27762
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.8	8.8
68	5.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion:	82	Resp:	8978
Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.8	52.2
54	55.9	42.2	63.2

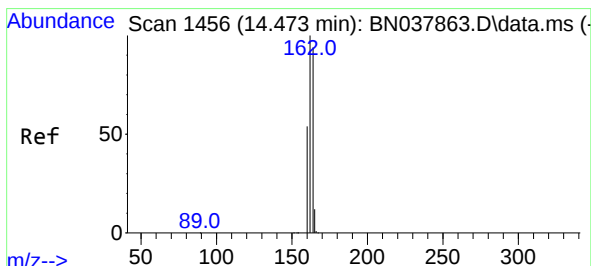
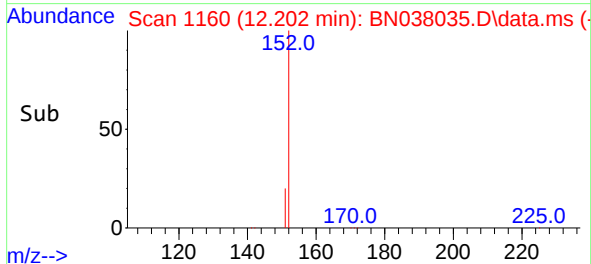
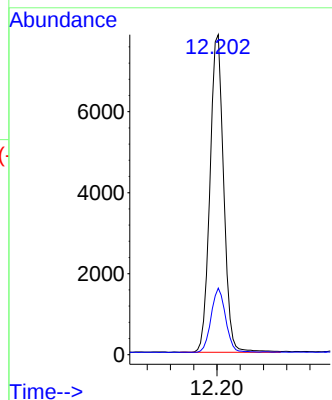
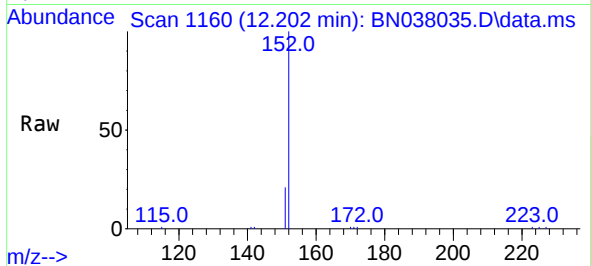




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.202 min Scan# 1163
Delta R.T. -0.015 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

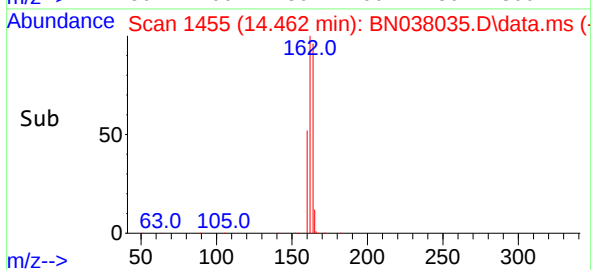
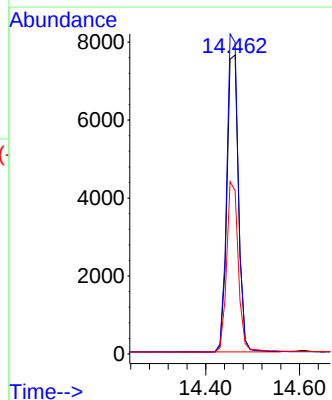
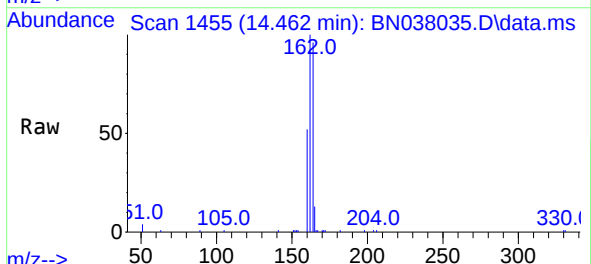
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250926

Tgt Ion:152 Resp: 12824
Ion Ratio Lower Upper
152 100
151 21.4 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: BN038035.D
Acq: 07 Oct 2025 07:22

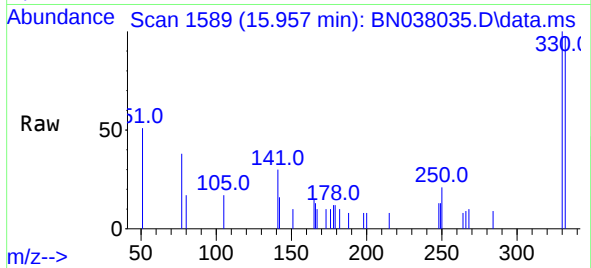
Tgt Ion:164 Resp: 13082
Ion Ratio Lower Upper
164 100
162 104.3 84.8 127.2
160 54.7 46.1 69.1



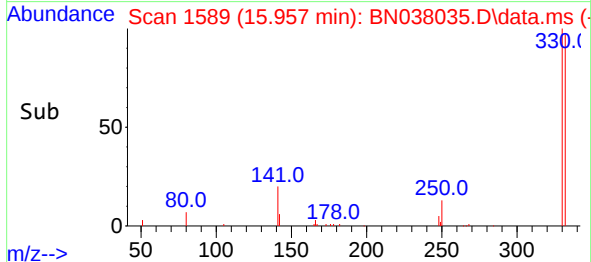
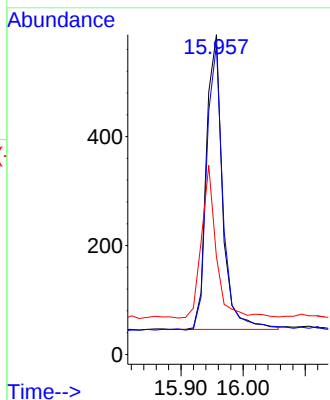


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250926

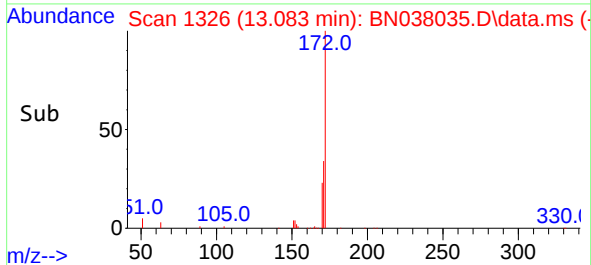
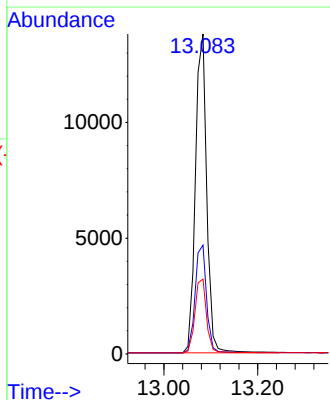
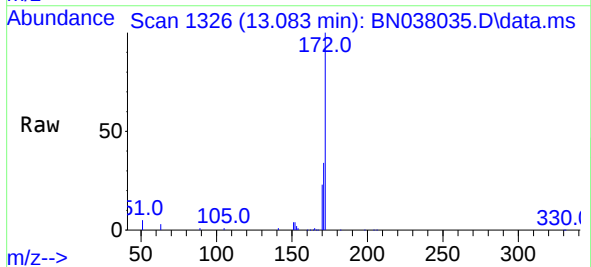


Tgt Ion:330 Resp: 981
Ion Ratio Lower Upper
330 100
332 98.9 77.2 115.8
141 47.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion:172 Resp: 23113
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 23.4 19.7 29.5

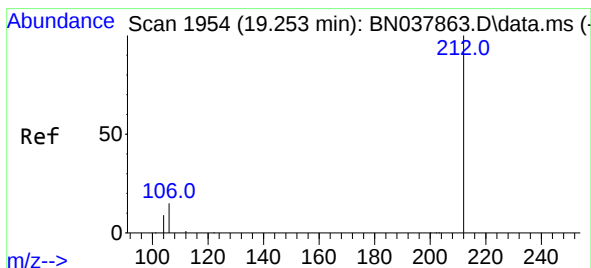
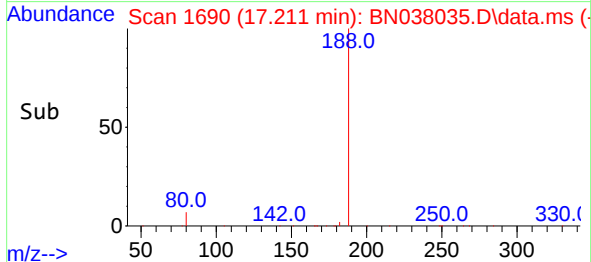
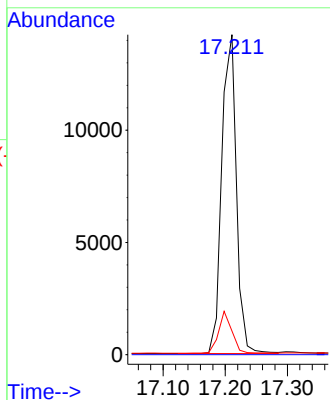
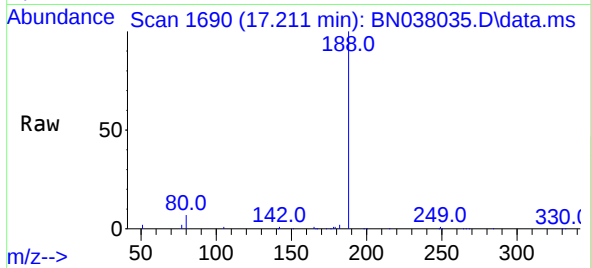




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

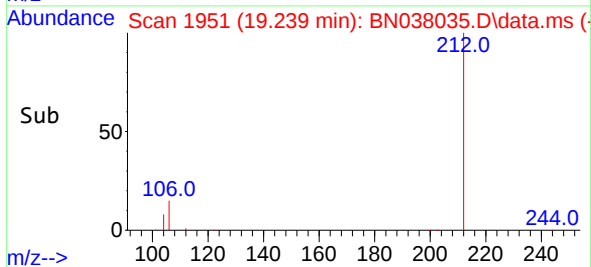
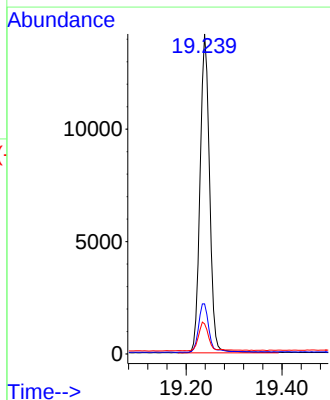
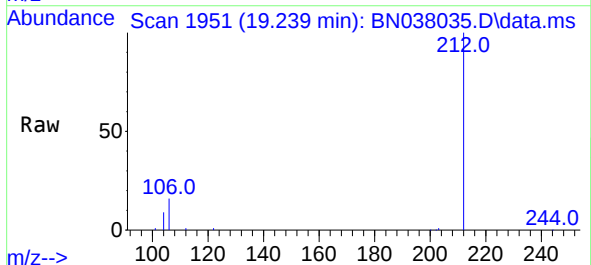
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250926

Tgt Ion:188 Resp: 23156
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion:212 Resp: 19534
Ion Ratio Lower Upper
212 100
106 16.7 12.6 19.0
104 9.5 7.4 11.0

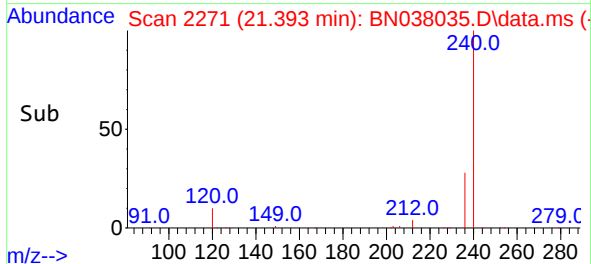
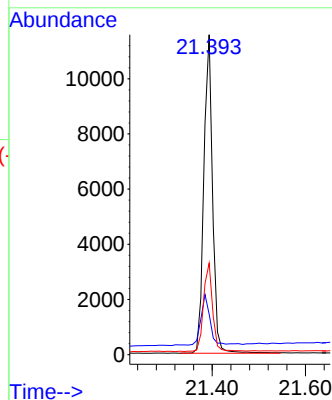
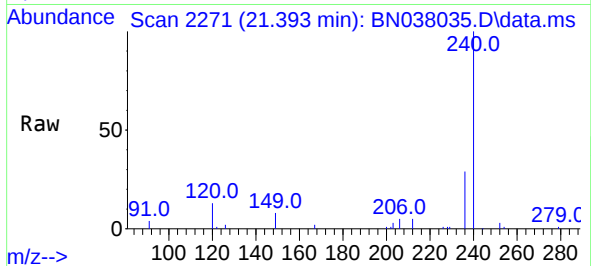




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

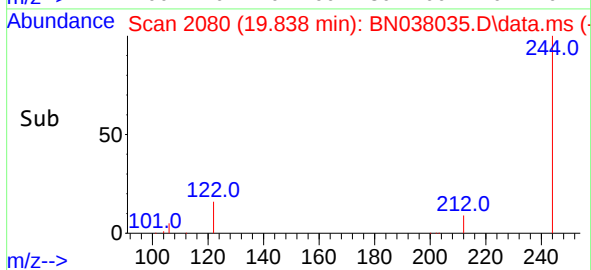
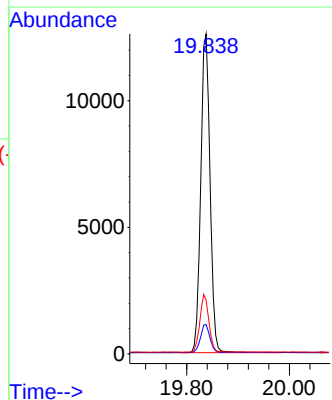
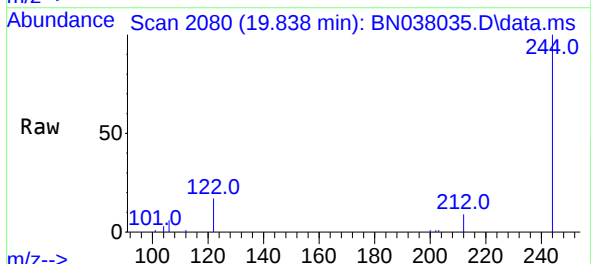
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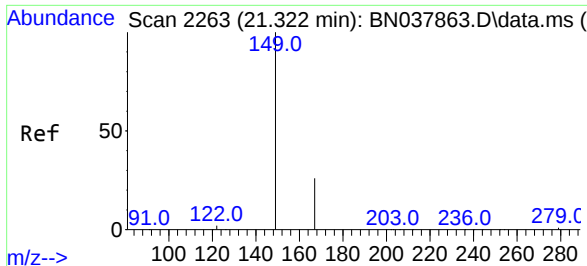
Tgt Ion:240 Resp: 15070
Ion Ratio Lower Upper
240 100
120 12.6 11.4 17.2
236 28.6 23.0 34.6



#31
Terphenyl-d14
Concen: 0.530 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion:244 Resp: 15896
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 16.8 13.9 20.9

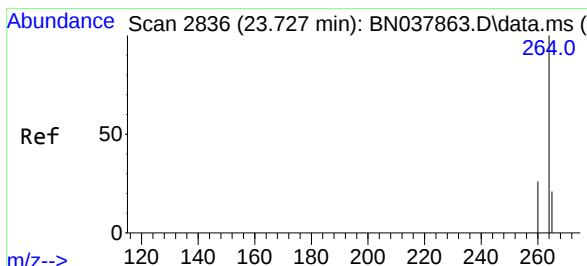
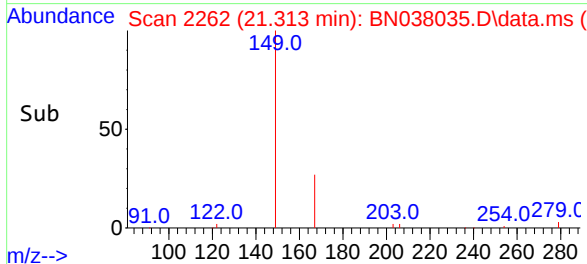
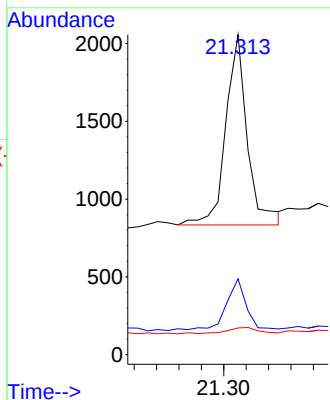
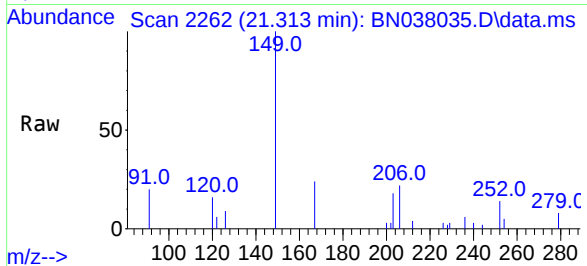




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250926

Tgt Ion:149 Resp: 1641
Ion Ratio Lower Upper
149 100
167 23.6 20.4 30.6
279 5.5 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: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion:264 Resp: 14086
Ion Ratio Lower Upper
264 100
260 27.0 21.5 32.3
265 85.1 53.8 80.6#

