

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038006.D
 Acq On : 06 Oct 2025 12:31
 Operator : RC/JU
 Sample : Q3194-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20250922

Quant Time: Oct 06 12:58:08 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

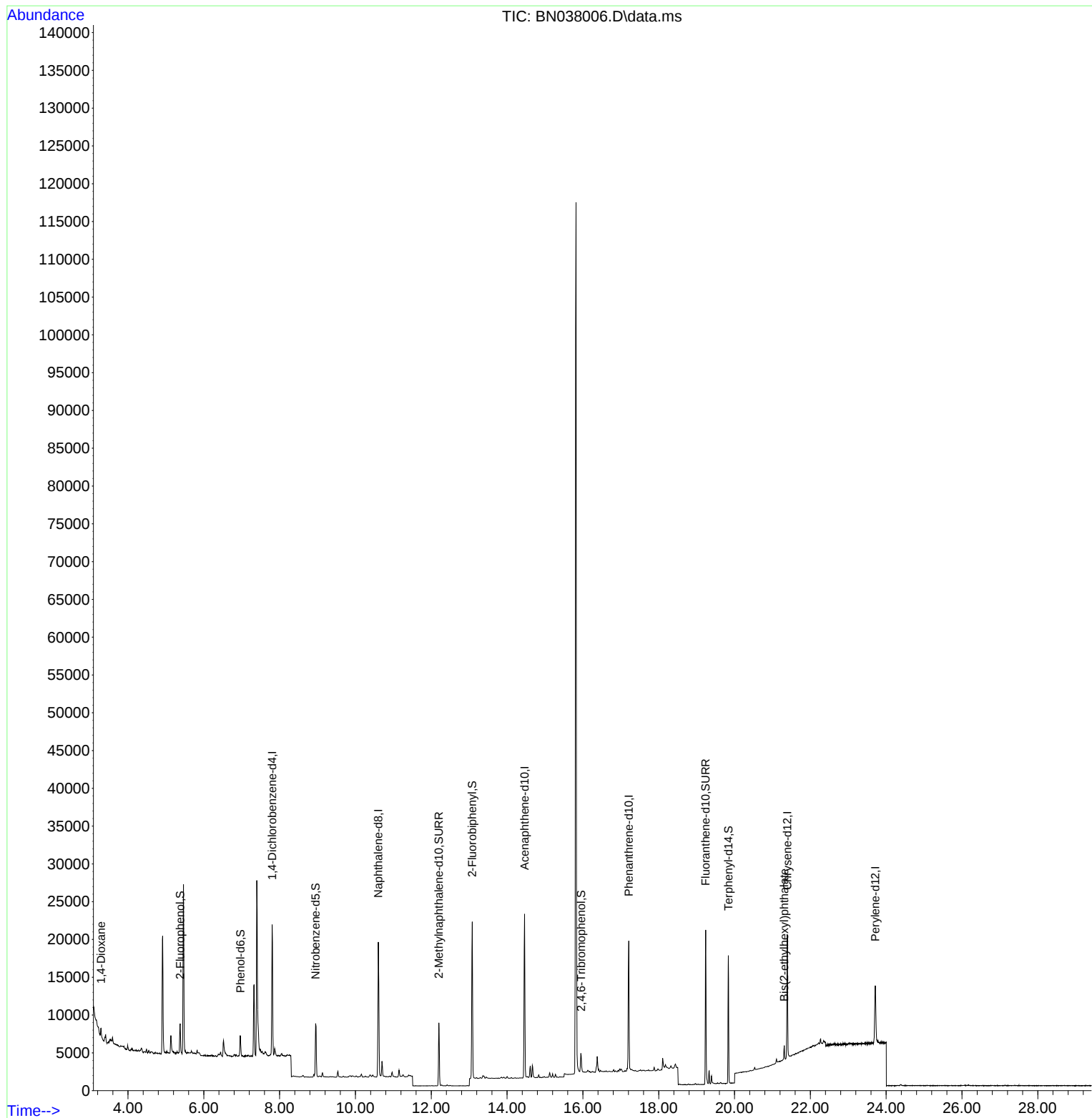
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8149	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22929	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11897	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23841	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14883	0.400	ng	0.00
35) Perylene-d12	23.712	264	11337	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3110	0.167	ng	0.00
5) Phenol-d6	6.966	99	2442	0.100	ng	0.00
8) Nitrobenzene-d5	8.950	82	5867	0.335	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	10871	0.341	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1531	0.339	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17022	0.349	ng	-0.01
27) Fluoranthene-d10	19.238	212	21483	0.358	ng	-0.01
31) Terphenyl-d14	19.838	244	15494	0.523	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.290	88	680	0.082	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.313	149	1873	0.091	ng	# 94

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

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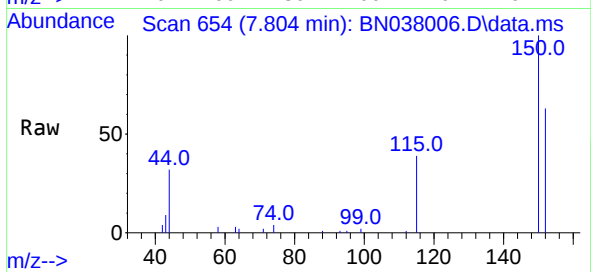
Quant Time: Oct 06 12:58:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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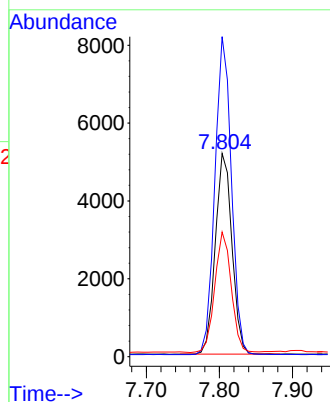
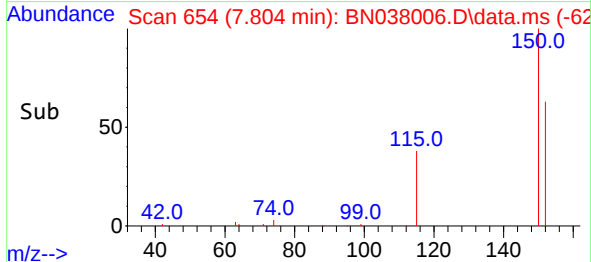


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

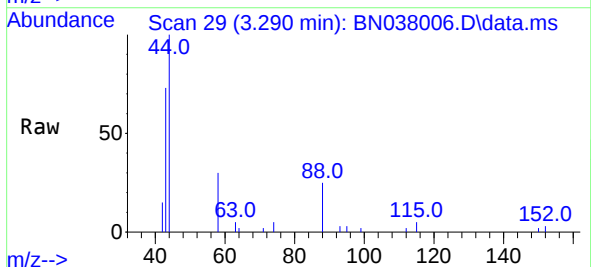
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922



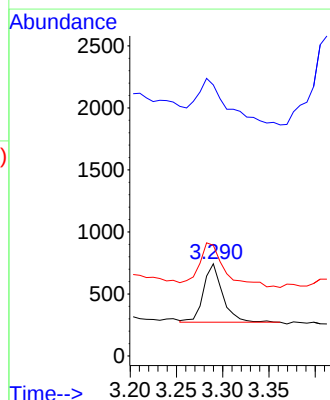
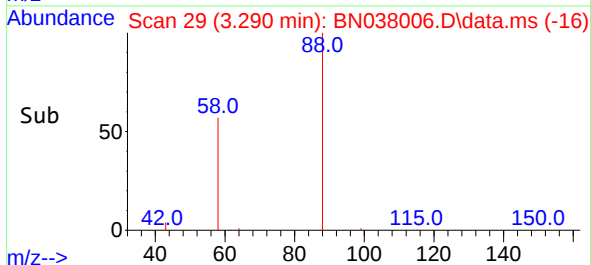
Tgt Ion:152 Resp: 8149
Ion Ratio Lower Upper
152 100
150 157.5 121.0 181.4
115 61.4 47.4 71.0



#2
1,4-Dioxane
Concen: 0.082 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31



Tgt Ion: 88 Resp: 680
Ion Ratio Lower Upper
88 100
43 122.4 26.6 39.8#
58 103.5 58.9 88.3#





#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038006.D

Acq: 06 Oct 2025 12:31

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20250922

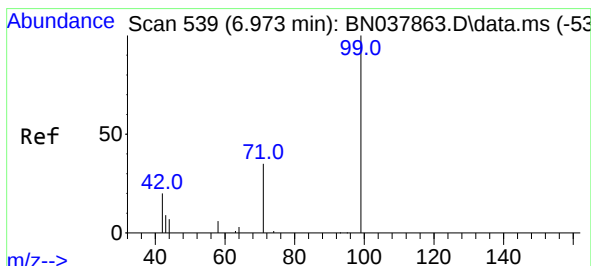
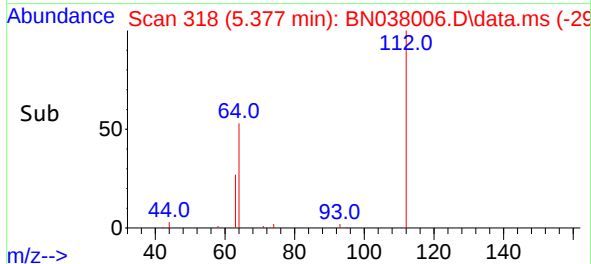
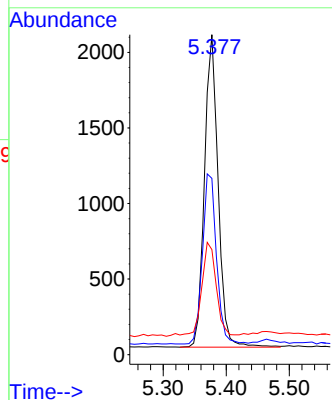
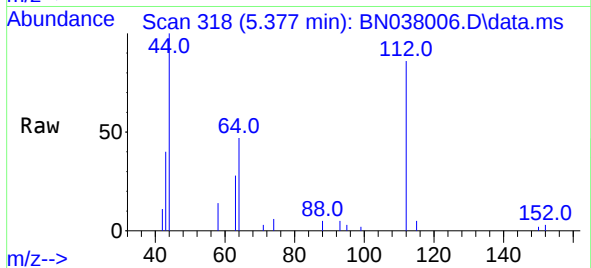
Tgt Ion:112 Resp: 3110

Ion Ratio Lower Upper

112 100

64 56.1 44.6 66.8

63 32.2 24.9 37.3



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN038006.D

Acq: 06 Oct 2025 12:31

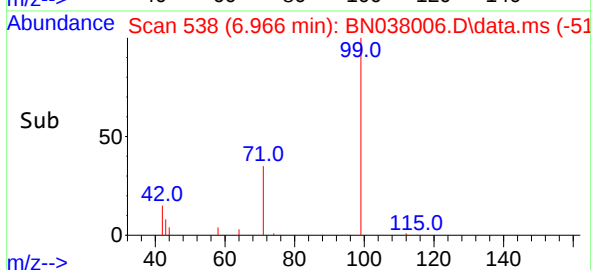
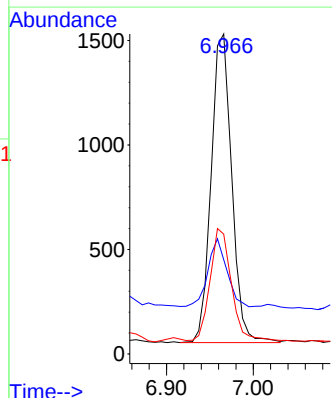
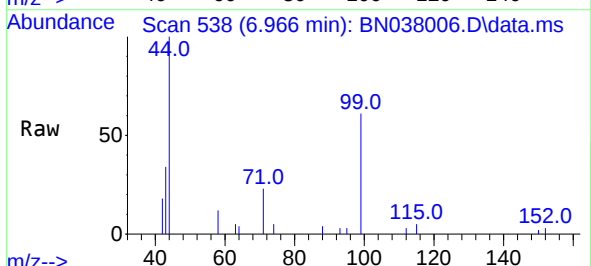
Tgt Ion: 99 Resp: 2442

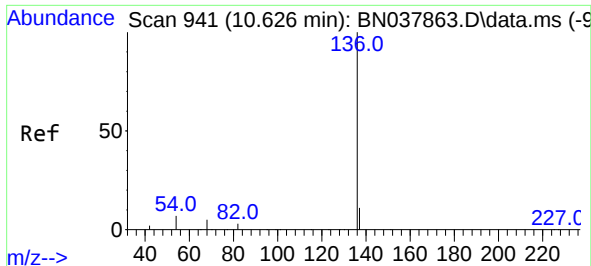
Ion Ratio Lower Upper

99 100

42 20.6 17.2 25.8

71 37.8 27.3 40.9



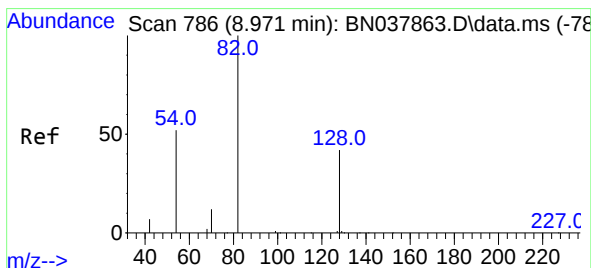
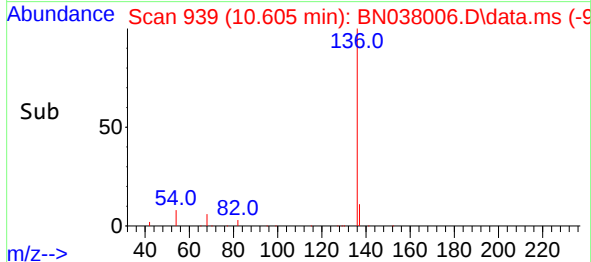
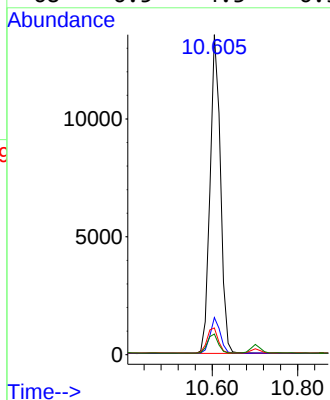
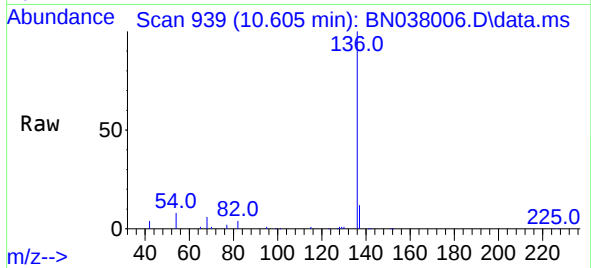


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:136 Resp: 22929

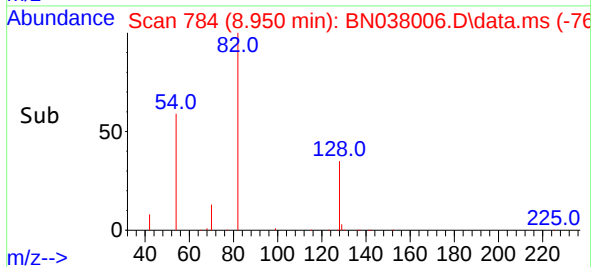
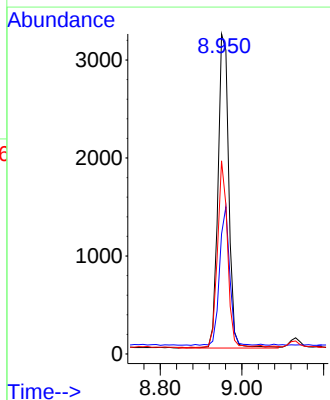
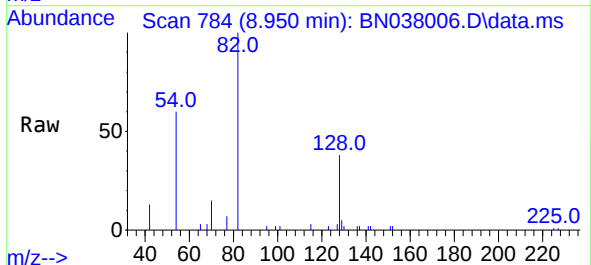
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.3	5.8	8.8
68	6.5	4.3	6.5

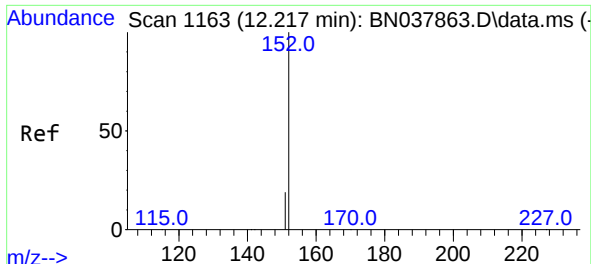


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion: 82 Resp: 5867

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.8	52.2
54	60.3	42.2	63.2

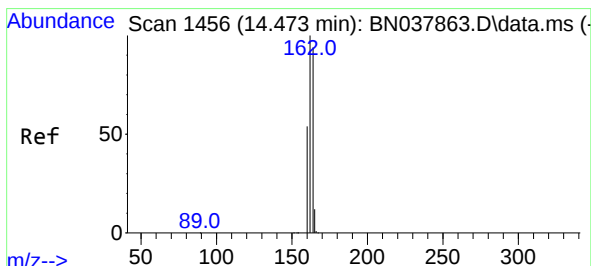
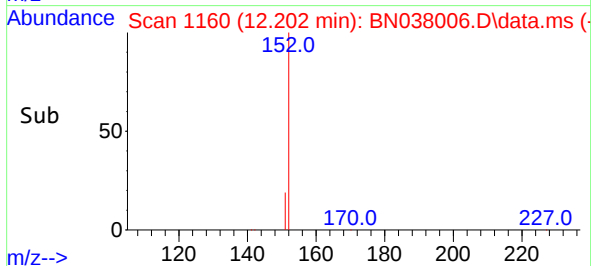
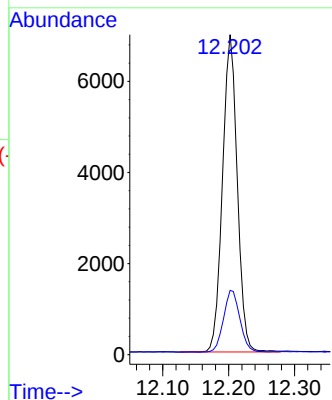
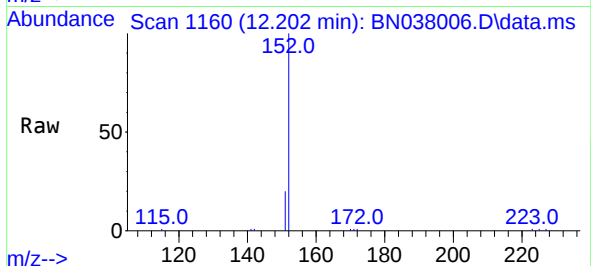




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

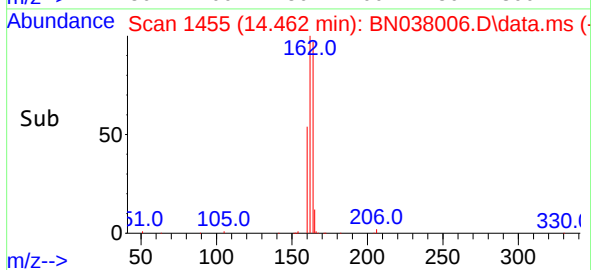
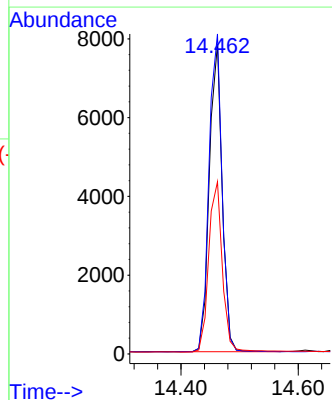
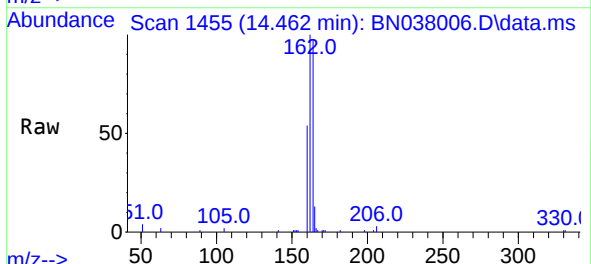
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:152 Resp: 10871
Ion Ratio Lower Upper
152 100
151 21.6 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: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:164 Resp: 11897
Ion Ratio Lower Upper
164 100
162 103.2 84.8 127.2
160 55.5 46.1 69.1

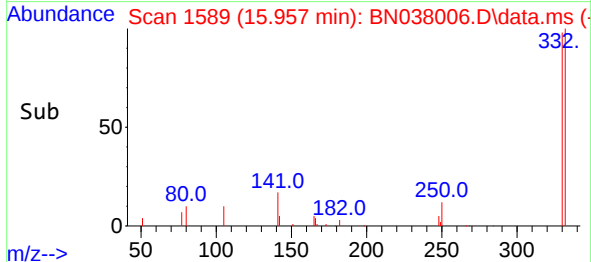
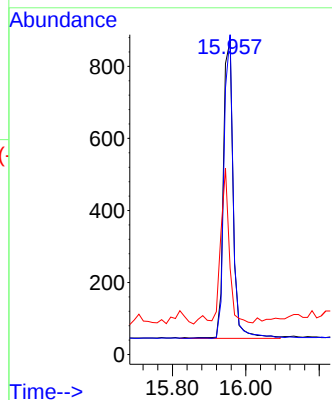
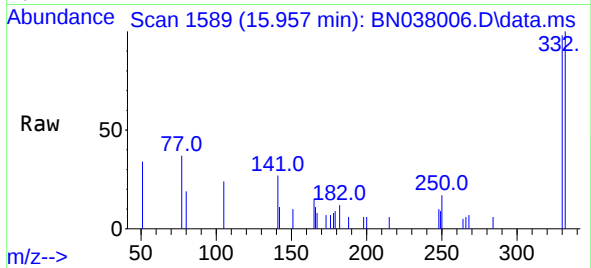




#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

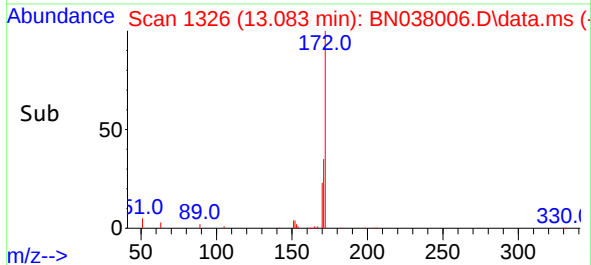
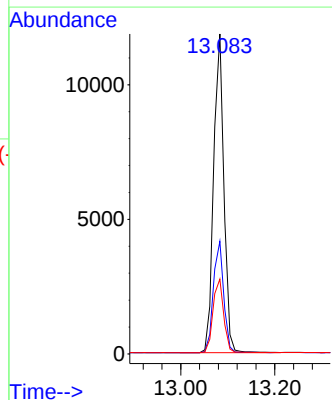
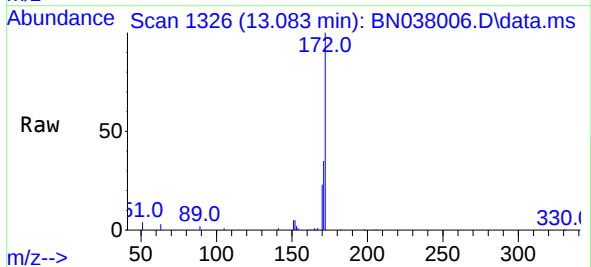
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:330 Resp: 1531
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 44.4 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:172 Resp: 17022
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 19.7 29.5

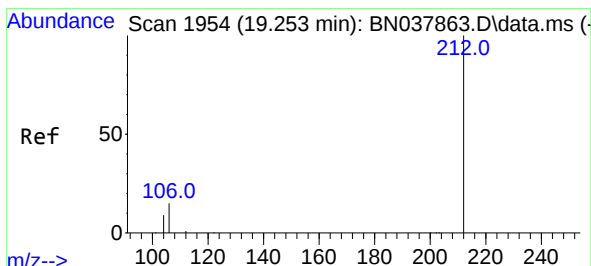
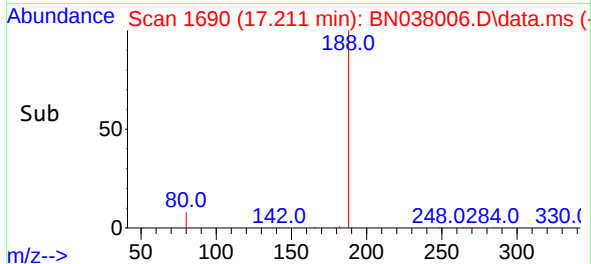
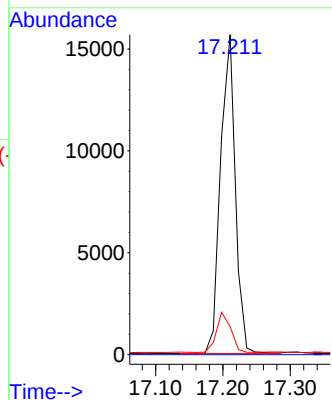
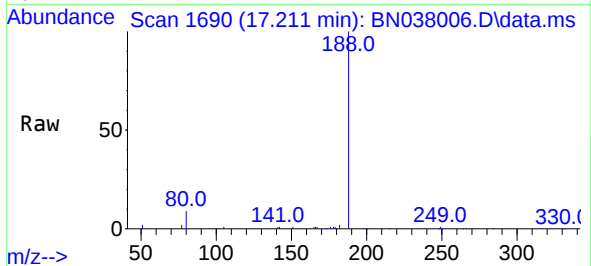




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

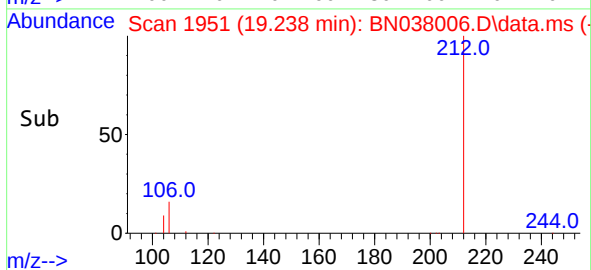
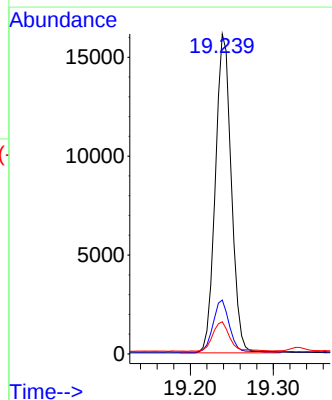
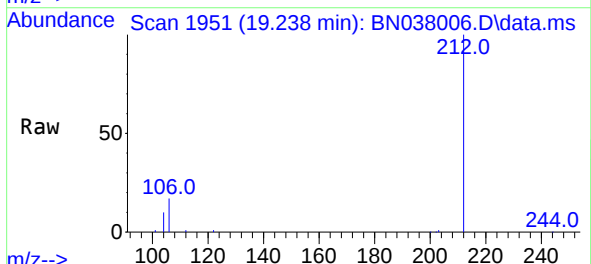
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:188 Resp: 23841
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:212 Resp: 21483
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.8 7.4 11.0

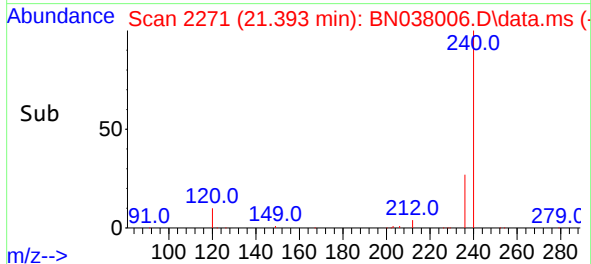
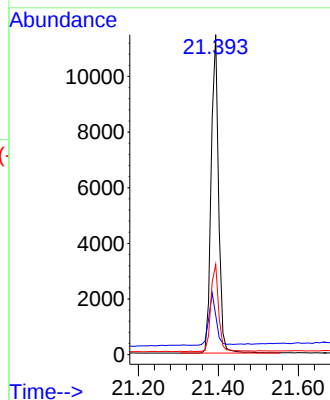
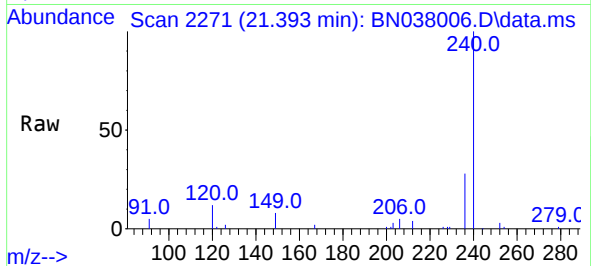




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

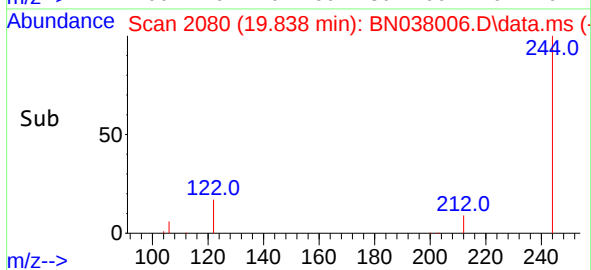
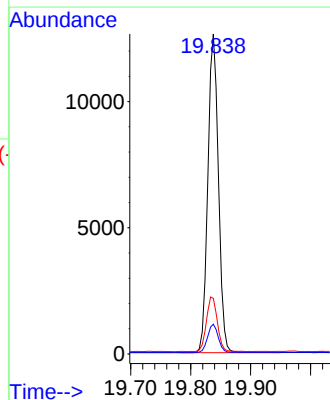
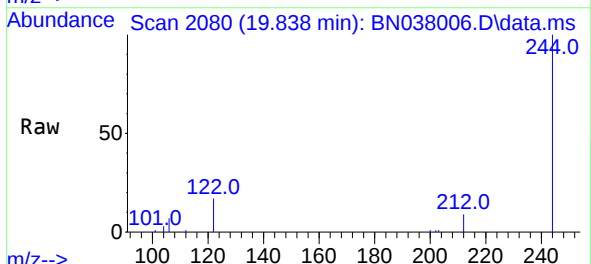
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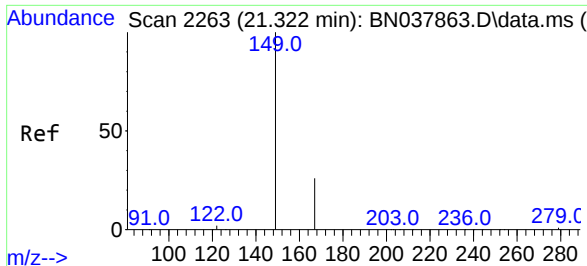
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	11.4	17.2
236	28.2	23.0	34.6



#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	17.4	13.9	20.9

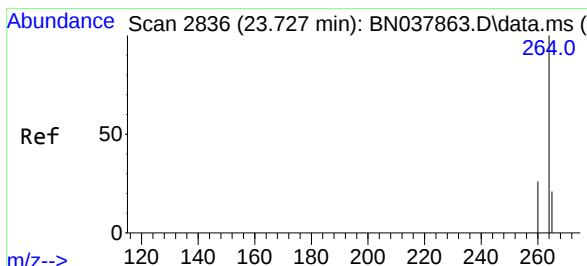
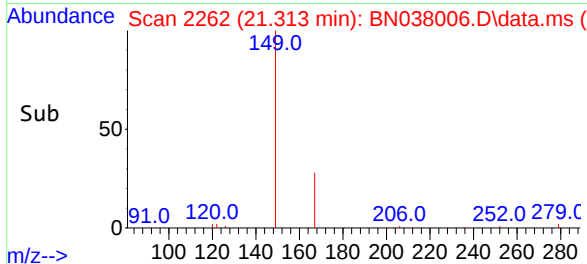
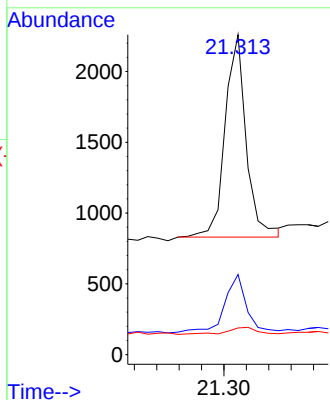
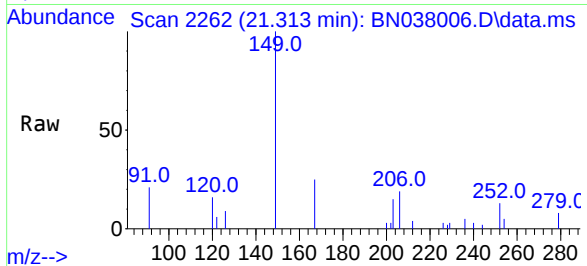




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:149 Resp: 1873
Ion Ratio Lower Upper
149 100
167 28.6 20.4 30.6
279 5.1 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: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:264 Resp: 11337
Ion Ratio Lower Upper
264 100
260 27.3 21.5 32.3
265 99.5 53.8 80.6#

