

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
 Data File : BN038306.D
 Acq On : 10 Dec 2025 14:42
 Operator : RC/JU
 Sample : PB170590BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170590BL

Quant Time: Dec 10 15:44:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	5926	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	15131	0.400	ng	# 0.00
13) Acenaphthene-d10	14.398	164	7393	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	12327	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	8069	0.400	ng	0.00
35) Perylene-d12	23.642	264	7610	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	4901	0.332	ng	0.00
5) Phenol-d6	6.894	99	5328	0.304	ng	0.00
8) Nitrobenzene-d5	8.875	82	4434	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.131	152	6869	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	445	0.136	ng	0.01
15) 2-Fluorobiphenyl	13.019	172	10747	0.302	ng	0.01
27) Fluoranthene-d10	19.192	212	9735	0.319	ng	0.00
31) Terphenyl-d14	19.796	244	7410	0.411	ng	0.00

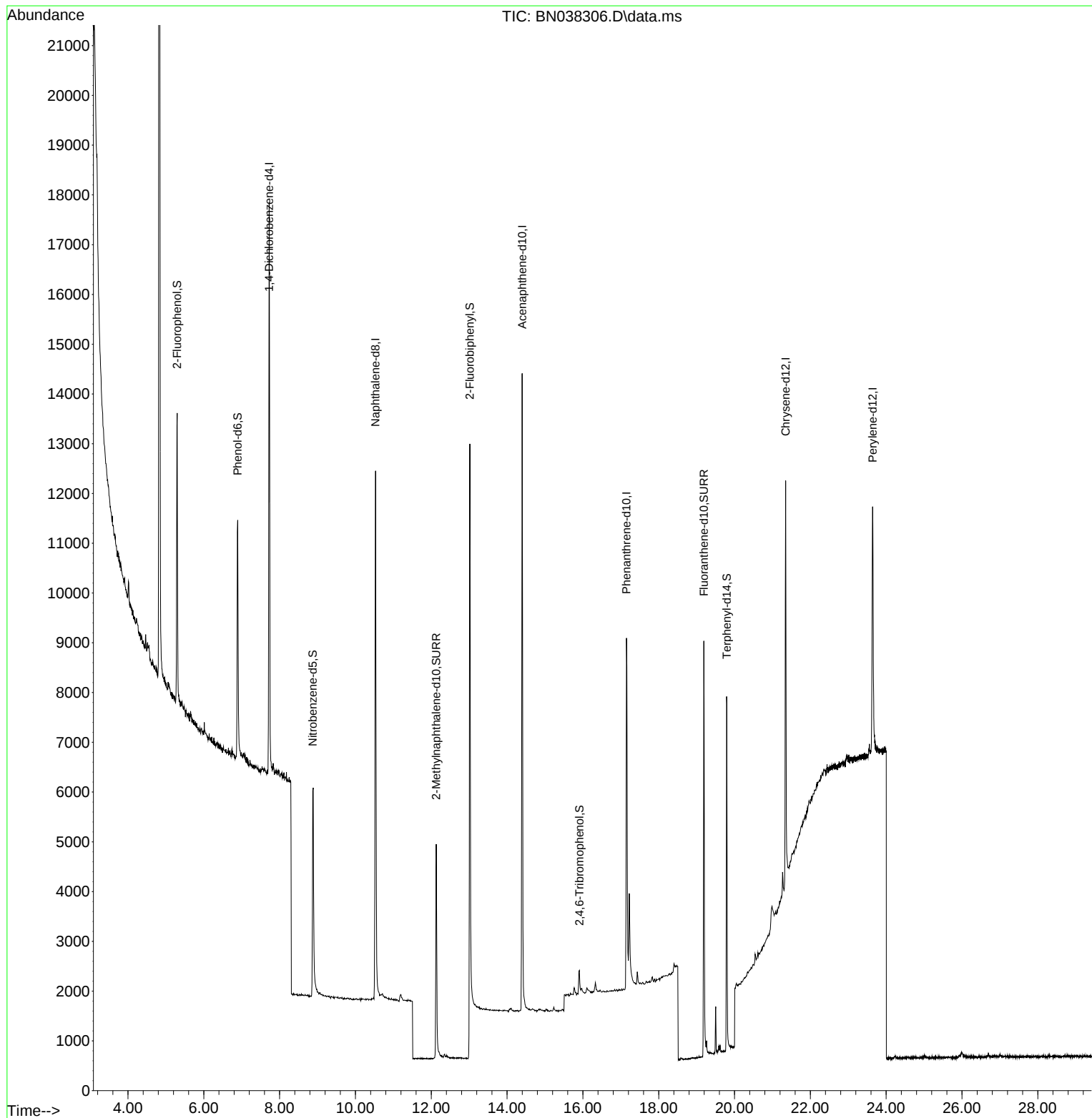
Target Compounds Qvalue

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

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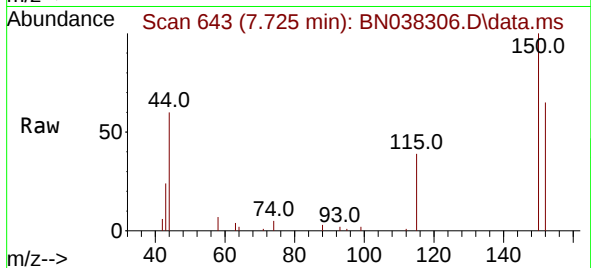
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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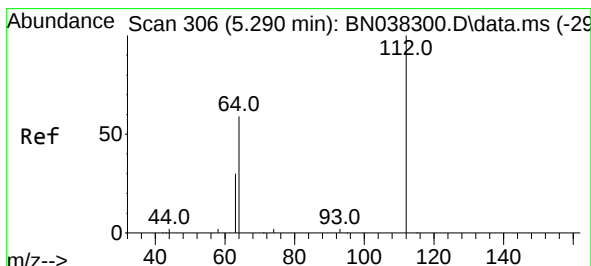
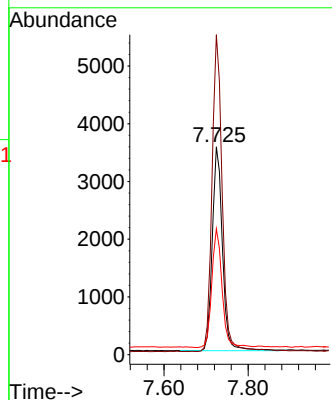
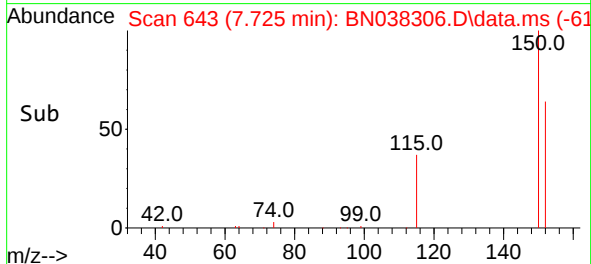


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 64
 Delta R.T. 0.001 min
 Lab File: BN038306.D
 Acq: 10 Dec 2025 14:42

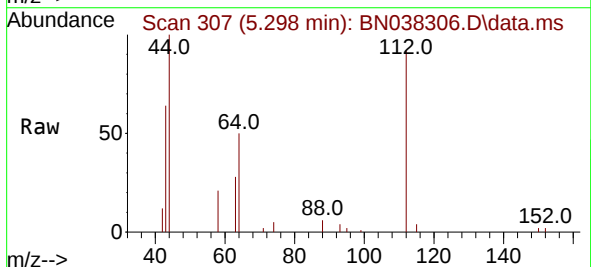
Instrument :
 BNA_N
 ClientSampleId :
 PB170590BL



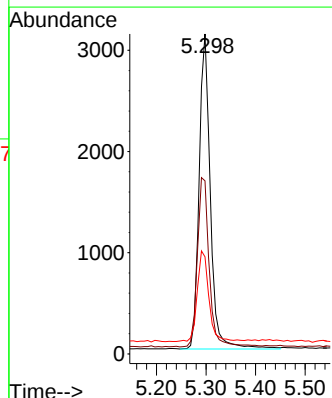
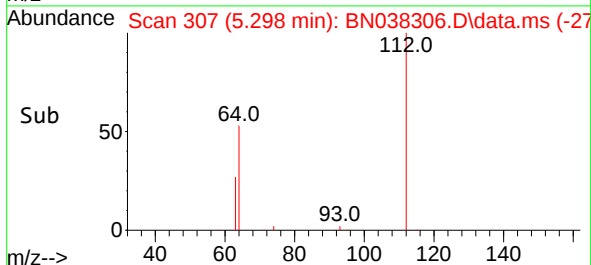
Tgt Ion:152 Resp: 5926
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.4 183.6
 115 60.6 47.3 70.9

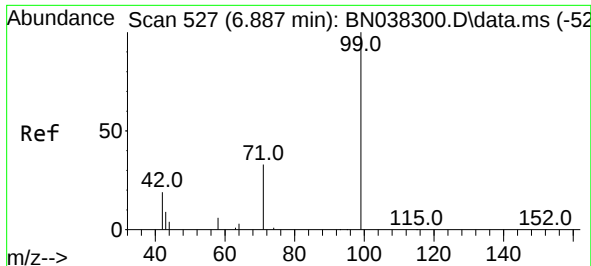


#4
 2-Fluorophenol
 Concen: 0.332 ng
 RT: 5.298 min Scan# 307
 Delta R.T. 0.007 min
 Lab File: BN038306.D
 Acq: 10 Dec 2025 14:42



Tgt Ion:112 Resp: 4901
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.4 66.6
 63 30.0 23.4 35.0

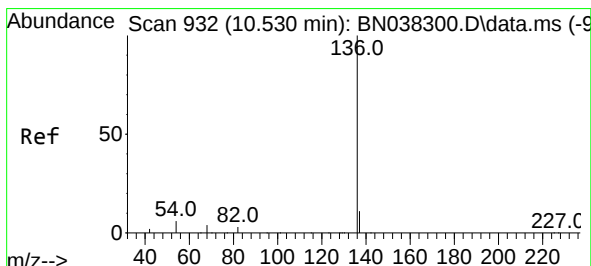
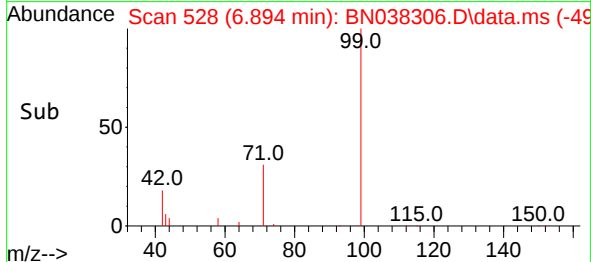
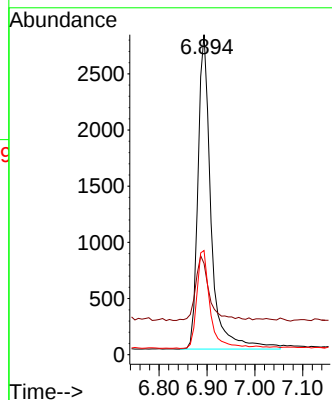
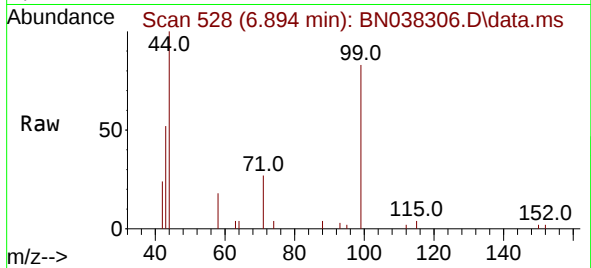




#5
Phenol-d6
Concen: 0.304 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

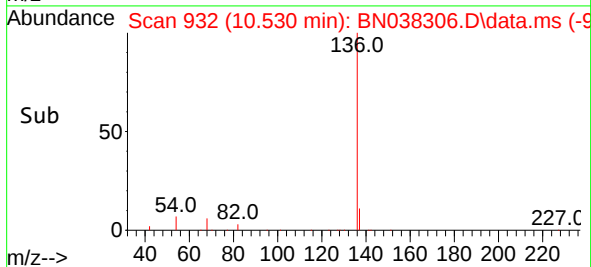
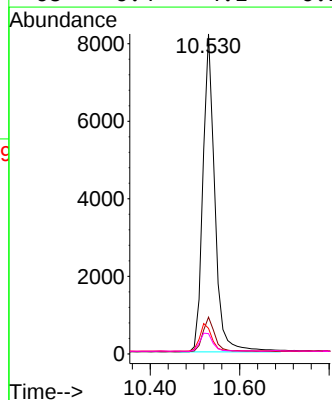
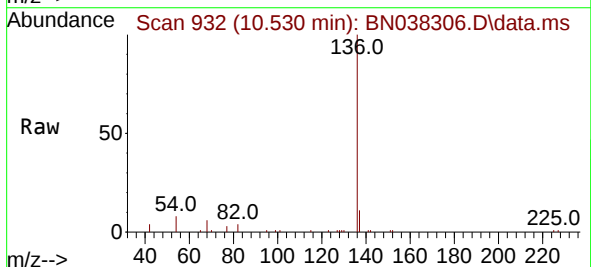
Instrument :
BNA_N
ClientSampleId :
PB170590BL

Tgt Ion: 99 Resp: 5328
Ion Ratio Lower Upper
99 100
42 21.3 16.5 24.7
71 31.5 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

Tgt Ion: 136 Resp: 15131
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.0 5.2 7.8#
68 6.4 4.1 6.1#

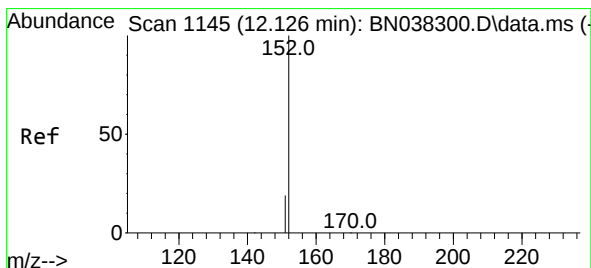
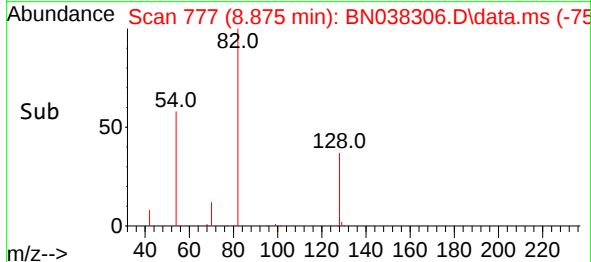
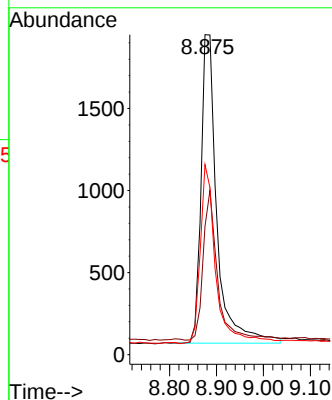
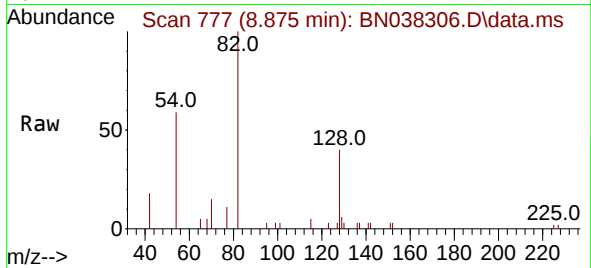




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

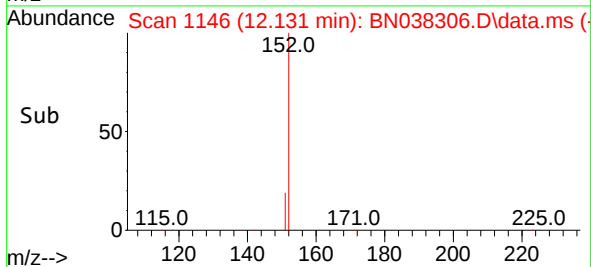
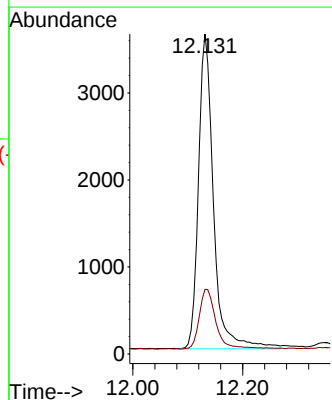
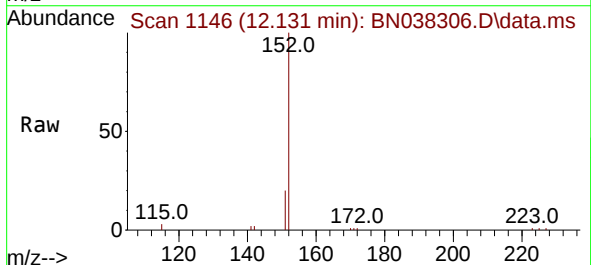
Instrument :
BNA_N
ClientSampleId :
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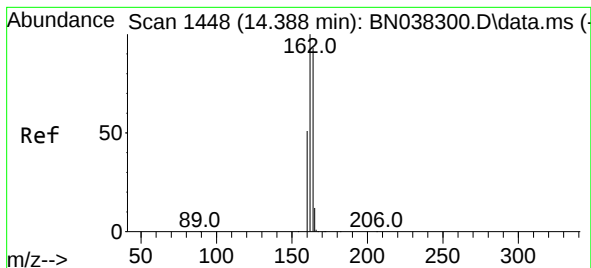
Tgt Ion: 82 Resp: 4434
Ion Ratio Lower Upper
82 100
128 40.2 34.0 51.0
54 59.4 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.131 min Scan# 1146
Delta R.T. 0.005 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

Tgt Ion: 152 Resp: 6869
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.398 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BN038306.D

Acq: 10 Dec 2025 14:42

Instrument :

BNA_N

ClientSampleId :

PB170590BL

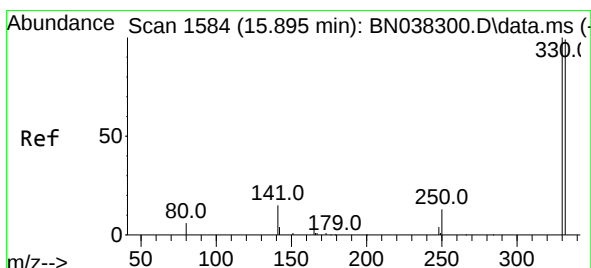
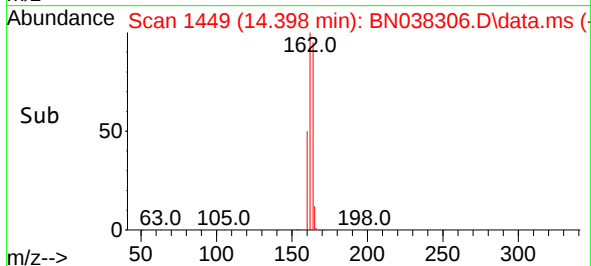
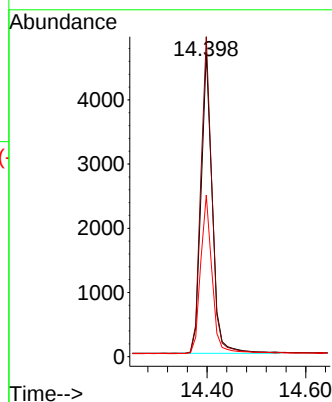
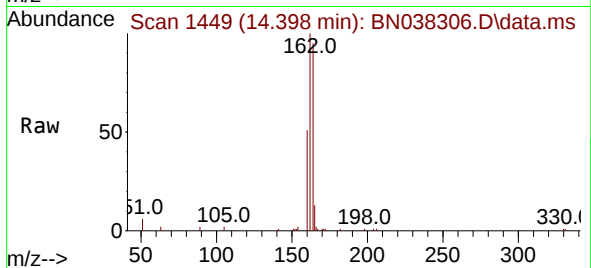
Tgt Ion:164 Resp: 7393

Ion Ratio Lower Upper

164 100

162 105.2 86.2 129.4

160 53.1 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.136 ng

RT: 15.907 min Scan# 1585

Delta R.T. 0.013 min

Lab File: BN038306.D

Acq: 10 Dec 2025 14:42

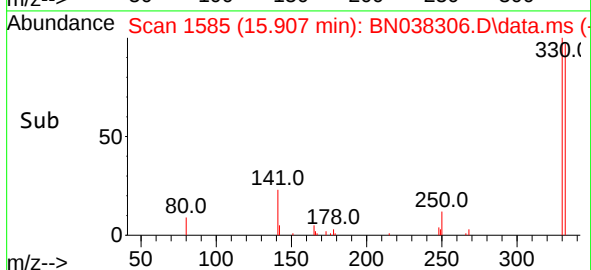
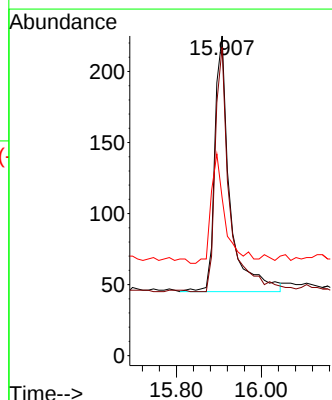
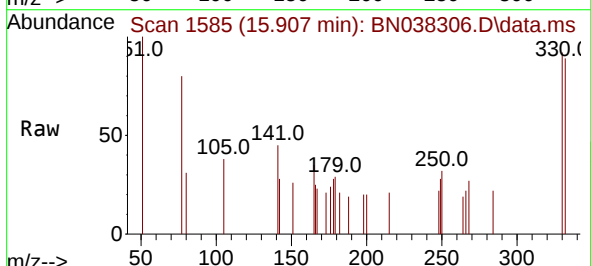
Tgt Ion:330 Resp: 445

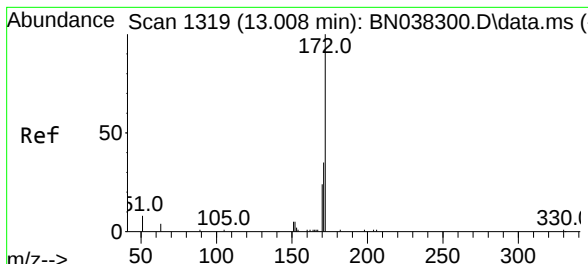
Ion Ratio Lower Upper

330 100

332 91.2 75.8 113.6

141 40.2 31.8 47.8

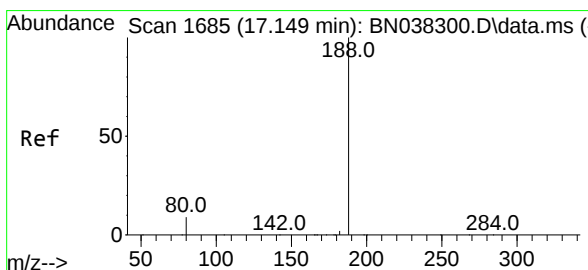
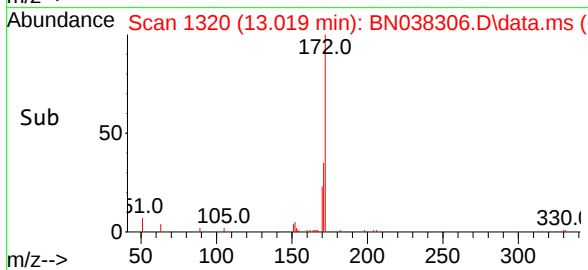
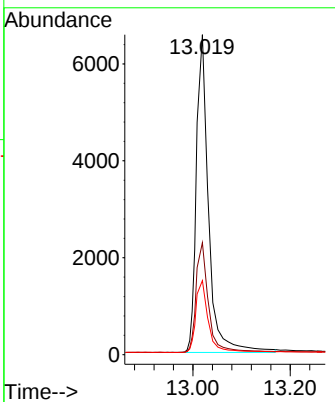
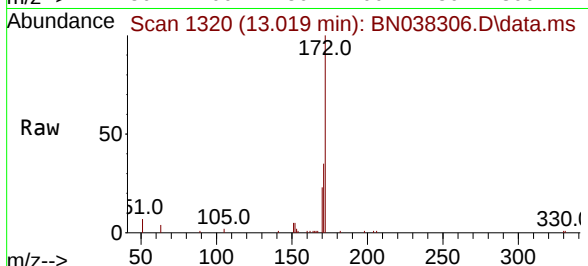




#15
 2-Fluorobiphenyl
 Concen: 0.302 ng
 RT: 13.019 min Scan# 11
 Delta R.T. 0.011 min
 Lab File: BN038306.D
 Acq: 10 Dec 2025 14:42

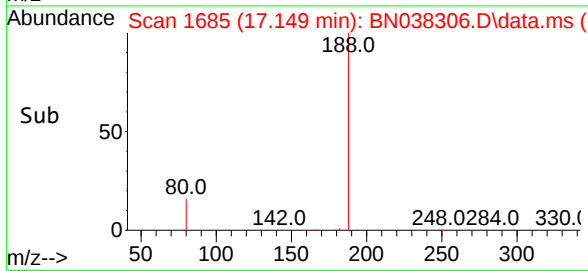
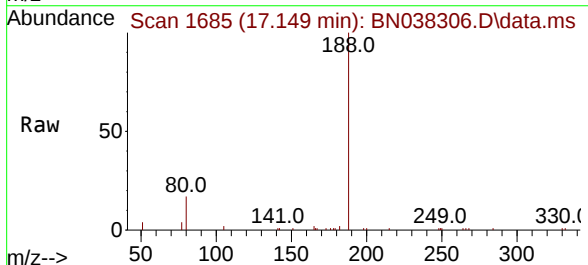
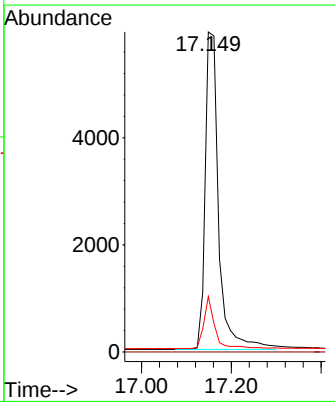
Instrument :
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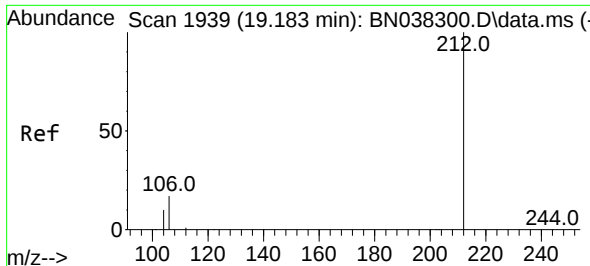
Tgt Ion:	172	Resp:	10747
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	42.8
170	23.2	19.3	28.9



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.149 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: BN038306.D
 Acq: 10 Dec 2025 14:42

Tgt Ion:	188	Resp:	12327
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	17.3	7.4	11.0

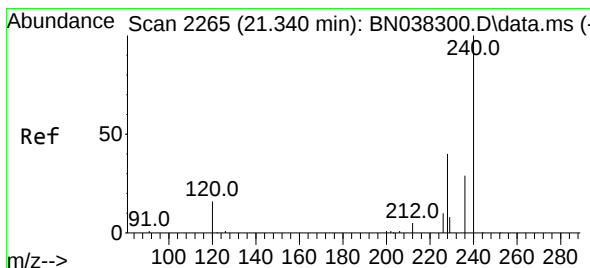
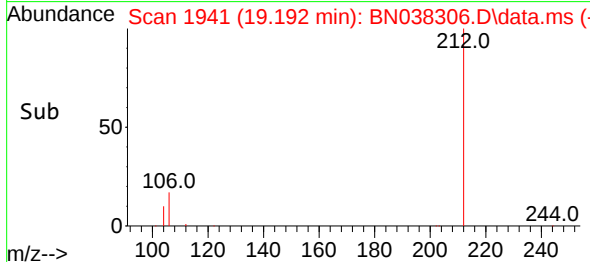
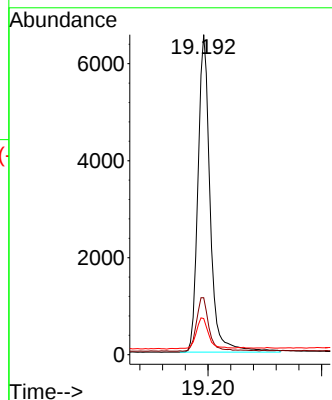
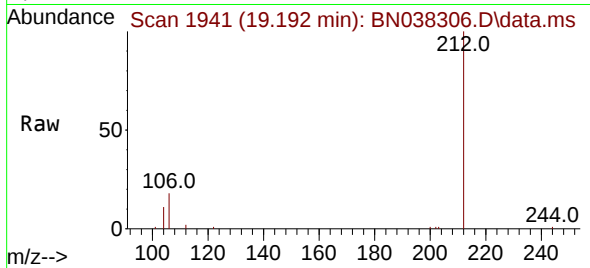




#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.192 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

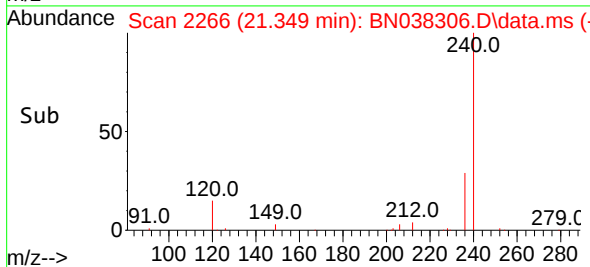
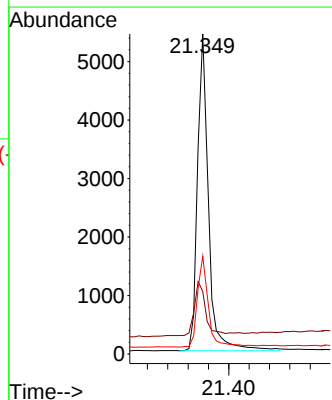
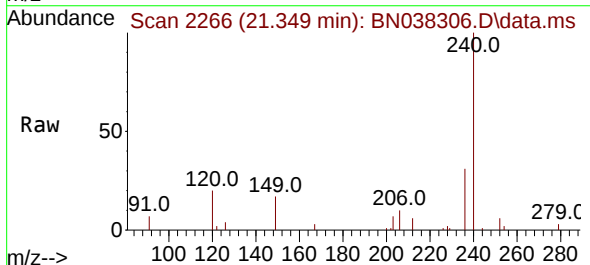
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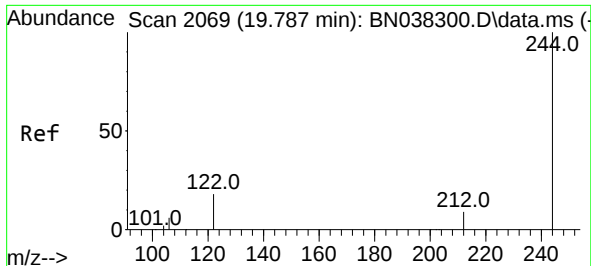
Tgt Ion:212 Resp: 9735
Ion Ratio Lower Upper
212 100
106 17.5 13.7 20.5
104 10.3 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

Tgt Ion:240 Resp: 8069
Ion Ratio Lower Upper
240 100
120 19.5 15.4 23.2
236 30.6 23.9 35.9

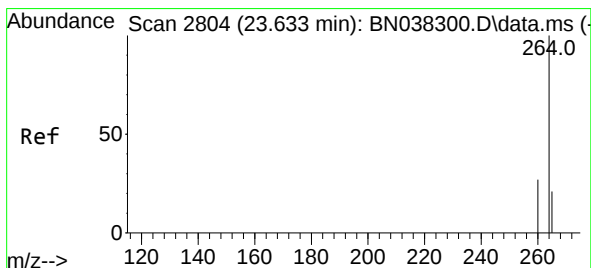
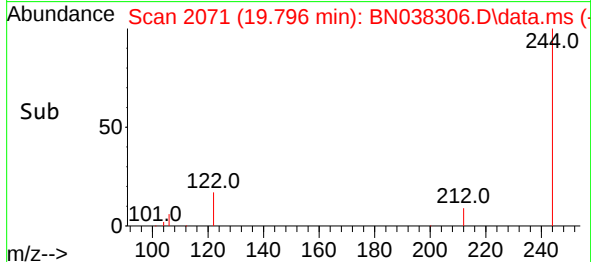
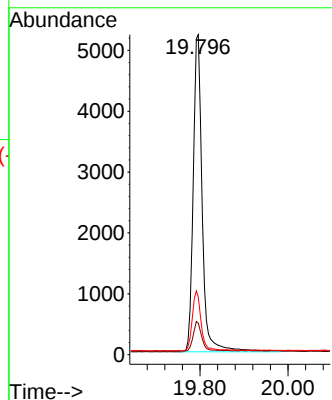
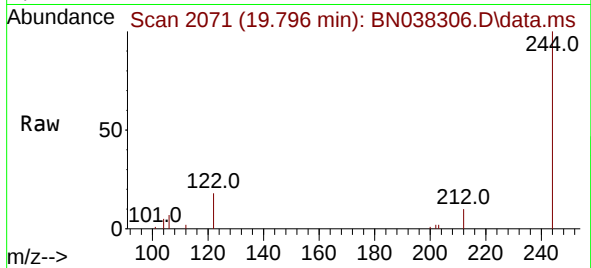




#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.796 min Scan# 2069
Delta R.T. 0.005 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

Instrument :
BNA_N
ClientSampleId :
PB170590BL

Tgt Ion:244 Resp: 7410
Ion Ratio Lower Upper
244 100
212 9.8 7.9 11.9
122 18.1 15.0 22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.642 min Scan# 2807
Delta R.T. 0.009 min
Lab File: BN038306.D
Acq: 10 Dec 2025 14:42

Tgt Ion:264 Resp: 7610
Ion Ratio Lower Upper
264 100
260 27.4 22.2 33.2
265 146.2 80.2 120.2#

