

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038323.D
 Acq On : 11 Dec 2025 18:28
 Operator : RC/JU
 Sample : Q3787-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425-FD

Quant Time: Dec 12 00:10:13 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)

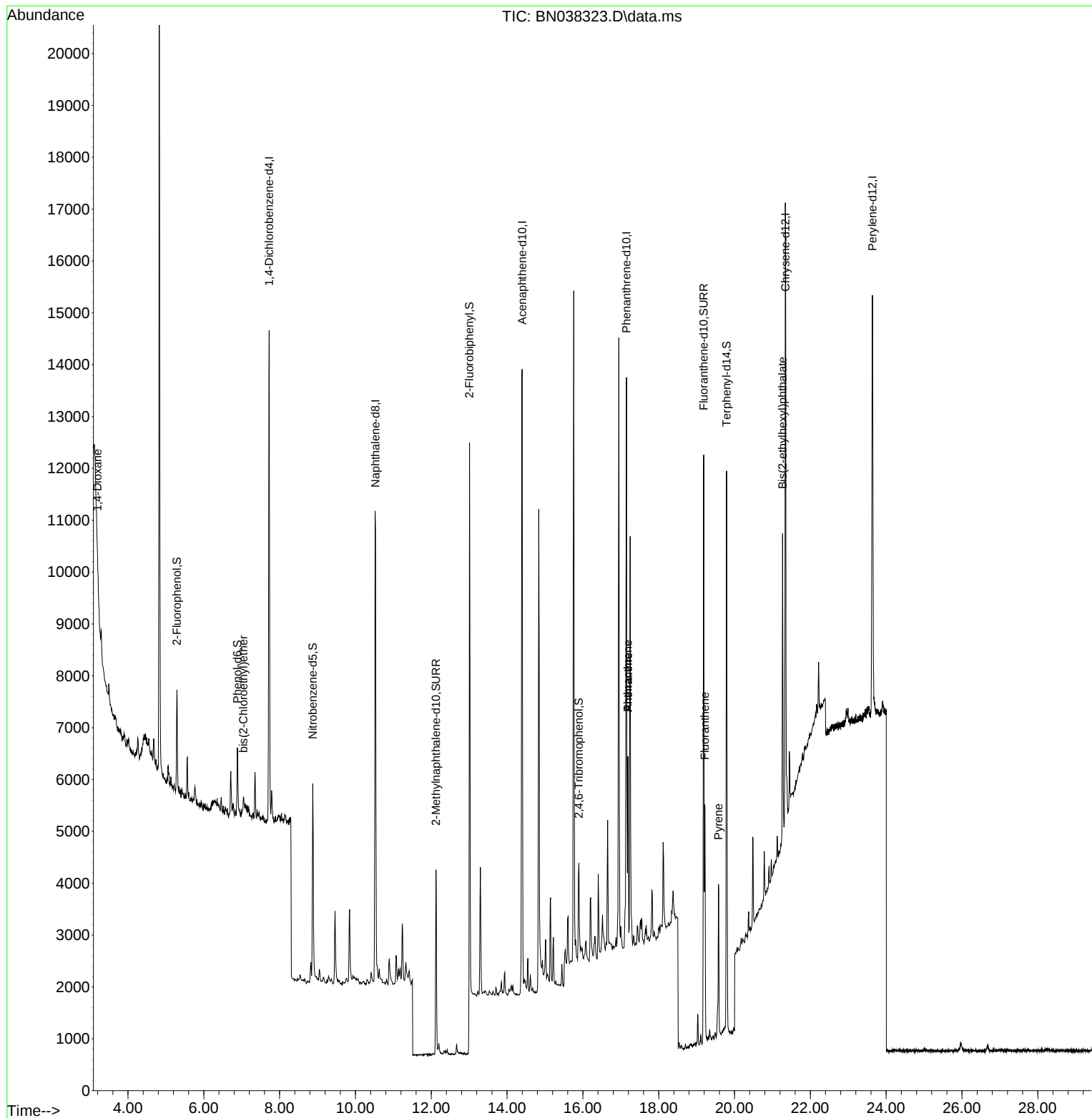
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	4745	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	13148	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7382	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14306	0.400	ng	0.00
29) Chrysene-d12	21.339	240	10994	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	11102	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1662	0.141	ng	0.00
5) Phenol-d6	6.886	99	1197	0.085	ng	0.00
8) Nitrobenzene-d5	8.875	82	3391	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5047	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1190	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	9477	0.266	ng	0.00
27) Fluoranthene-d10	19.187	212	12514	0.354	ng	0.00
31) Terphenyl-d14	19.787	244	9789	0.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	227	0.042	ng	# 61
6) bis(2-Chloroethyl)ether	7.045	93	1416	0.103	ng	# 26
25) Phenanthrene	17.186	178	3713	0.075	ng	97
26) Anthracene	17.186	178	3667	0.085	ng	98
28) Fluoranthene	19.215	202	3165	0.060	ng	95
30) Pyrene	19.578	202	2640	0.049	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.268	149	5555	0.238	ng	93

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

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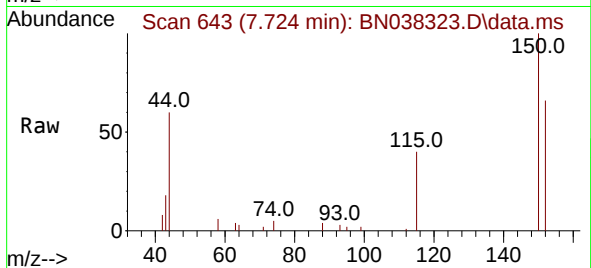
Quant Time: Dec 12 00:10:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



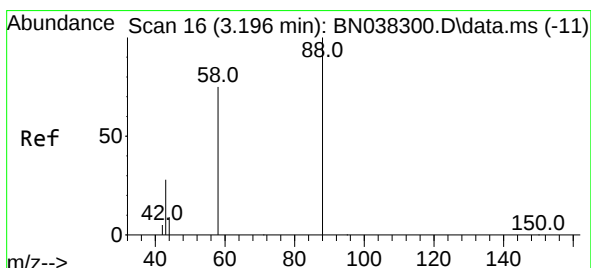
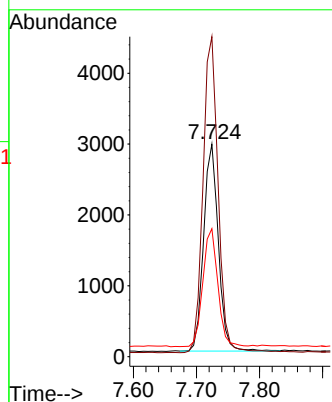
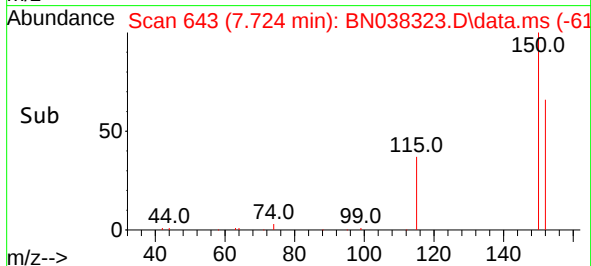


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425-FD

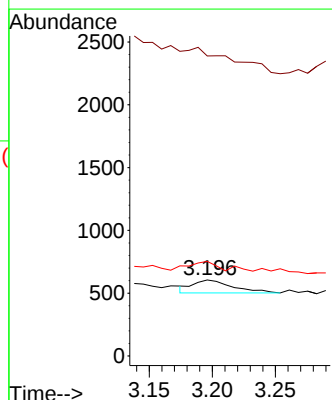
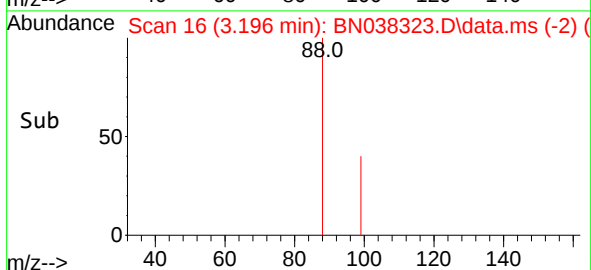
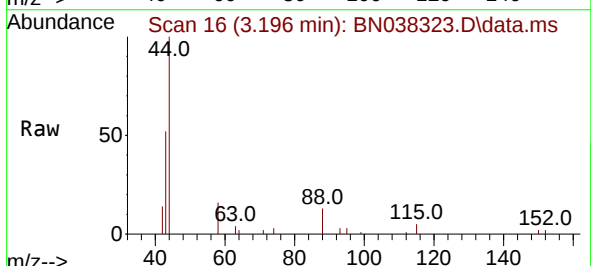


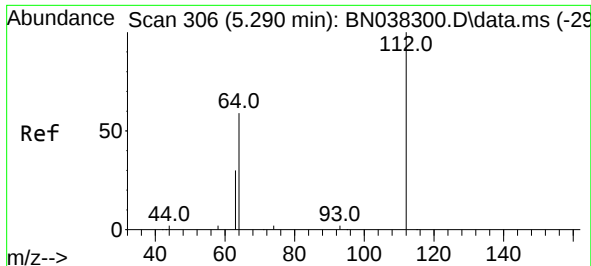
Tgt Ion:152 Resp: 4745
 Ion Ratio Lower Upper
 152 100
 150 150.6 122.4 183.6
 115 60.3 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.042 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

Tgt Ion: 88 Resp: 227
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.9 37.3#
 58 48.9 61.4 92.0#

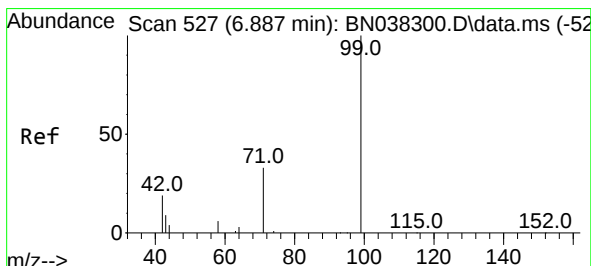
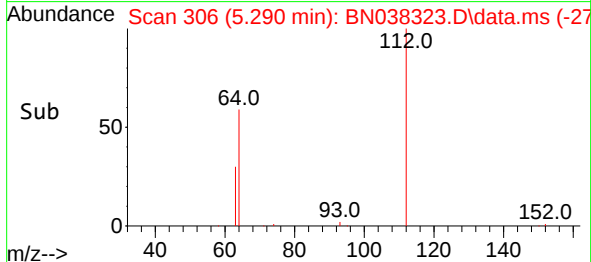
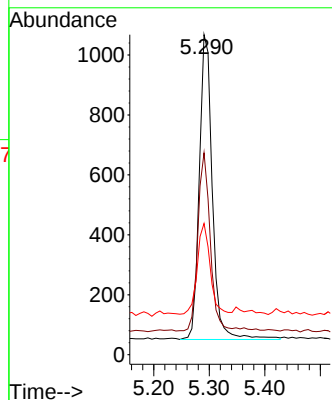
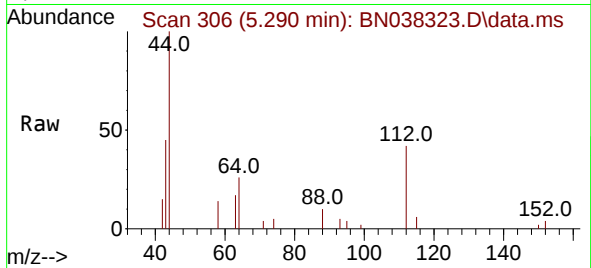




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

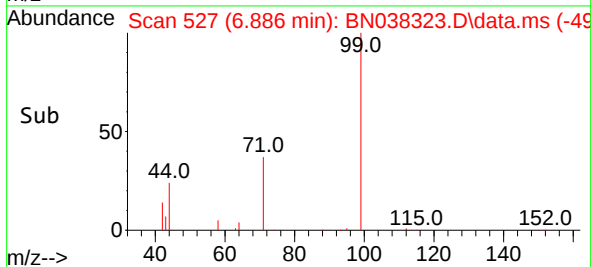
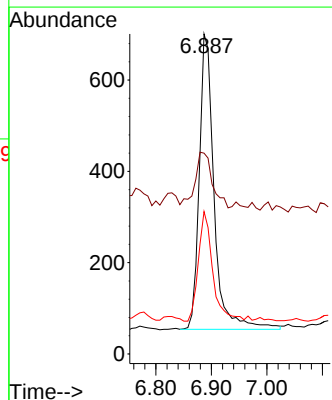
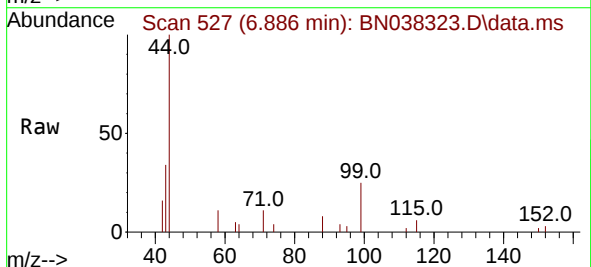
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425-FD

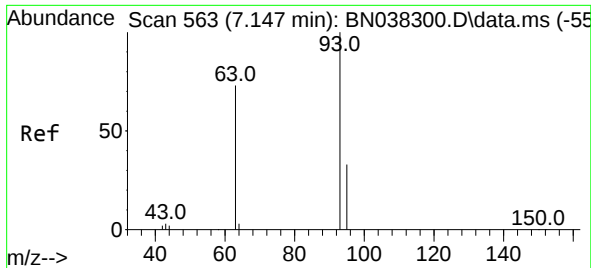
Tgt Ion:	112	Resp:	1662
Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.4	66.6
63	29.7	23.4	35.0



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

Tgt Ion:	99	Resp:	1197
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	36.5	24.9	37.3

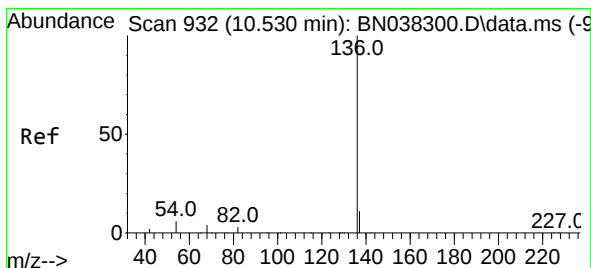
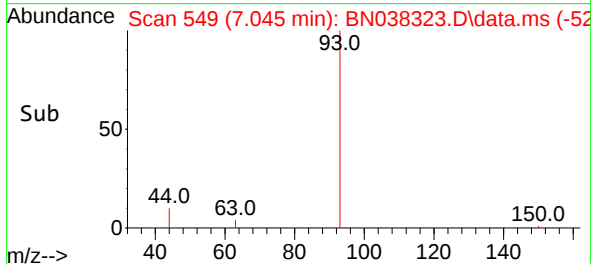
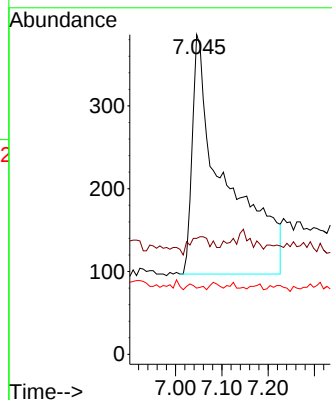
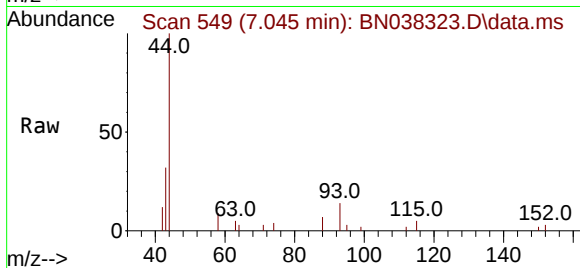




#6
bis(2-Chloroethyl)ether
Concen: 0.103 ng
RT: 7.045 min Scan# 549
Delta R.T. -0.101 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

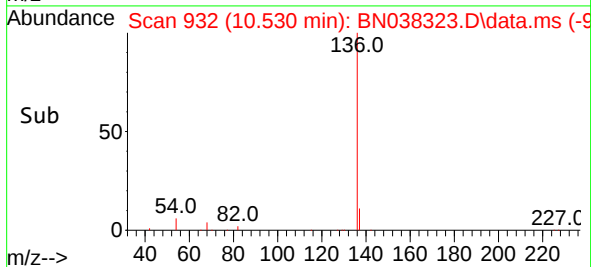
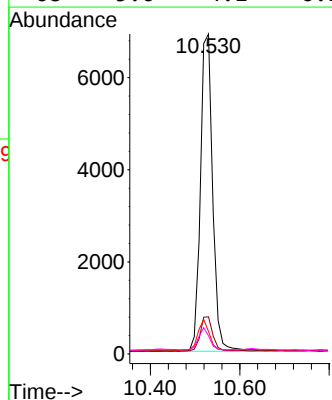
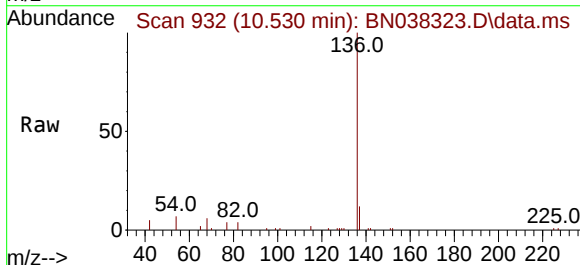
Instrument :
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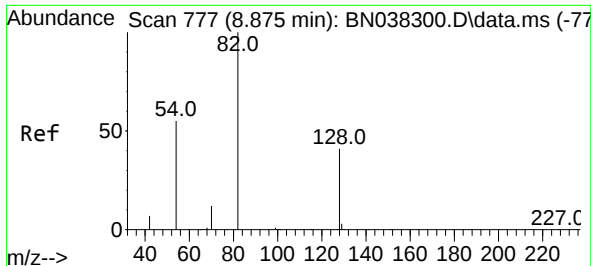
Tgt Ion: 93 Resp: 1416
Ion Ratio Lower Upper
93 100
63 5.2 59.2 88.8#
95 0.0 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

Tgt Ion: 136 Resp: 13148
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.1 5.2 7.8
68 5.6 4.1 6.1

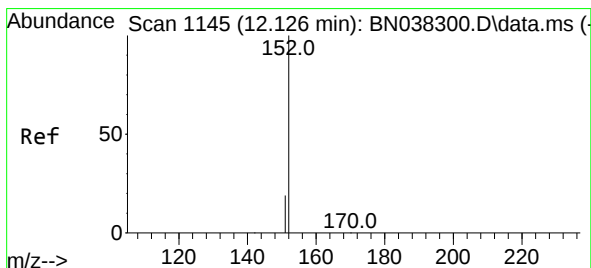
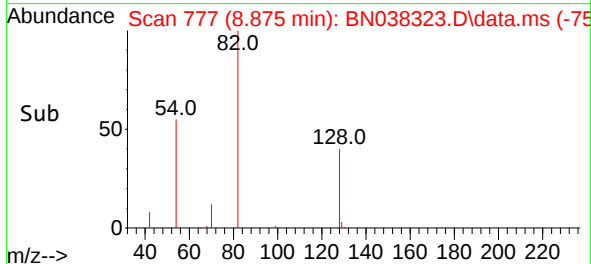
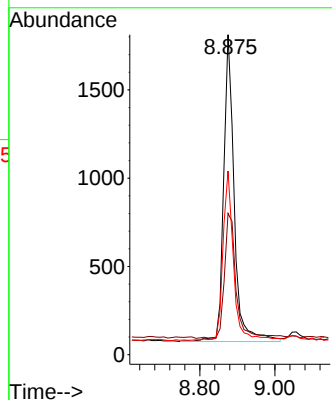
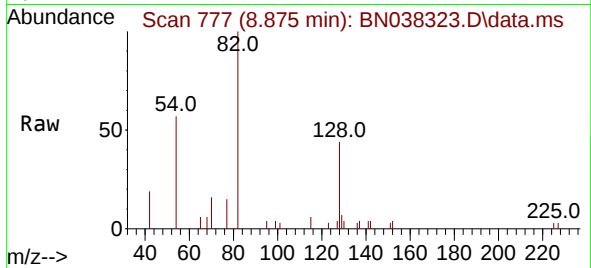




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.875 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

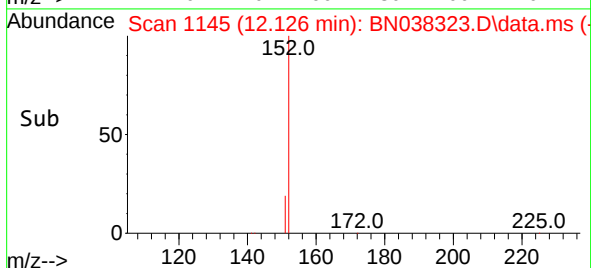
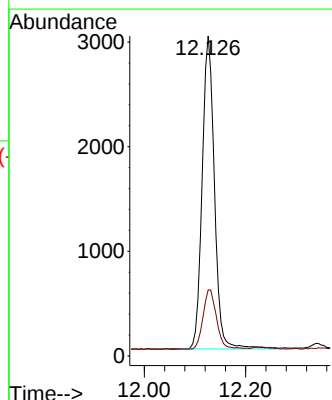
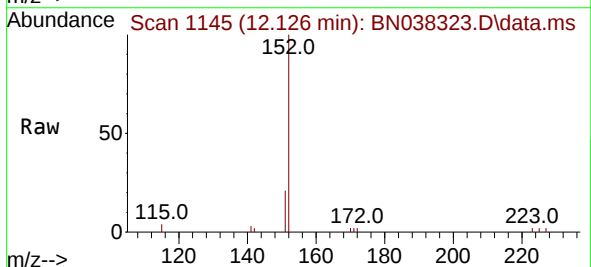
Instrument :
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 ClientSampleId :
 OW-08B-72.5-120425-FD

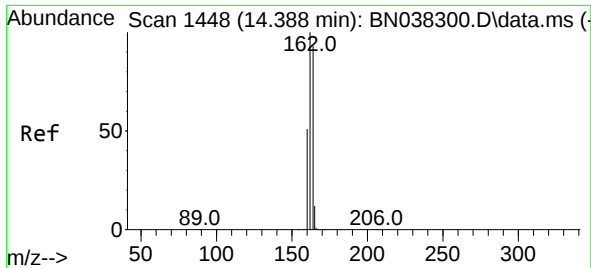
Tgt Ion: 82 Resp: 3391
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.0 51.0
 54 57.4 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.272 ng
 RT: 12.126 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

Tgt Ion: 152 Resp: 5047
 Ion Ratio Lower Upper
 152 100
 151 20.9 17.0 25.6

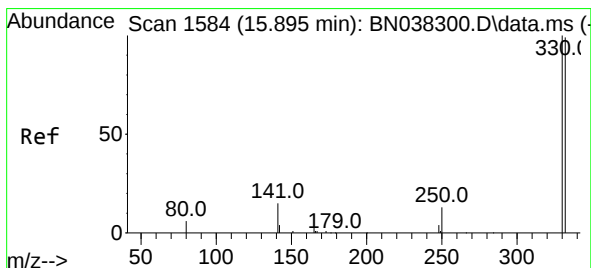
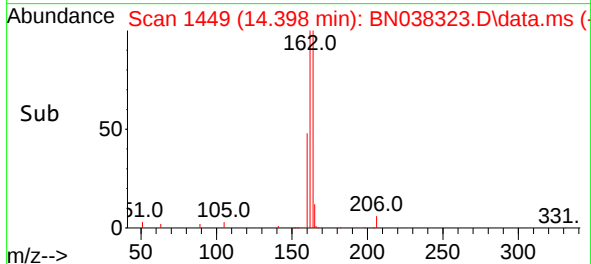
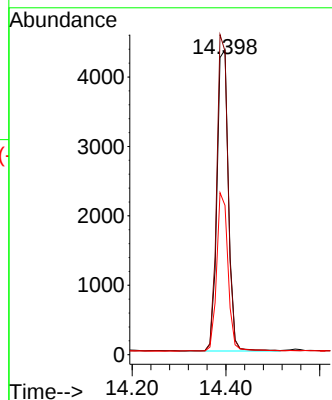
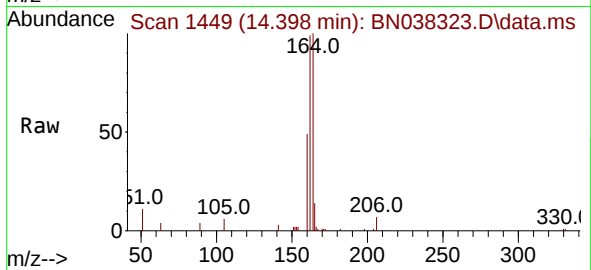




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

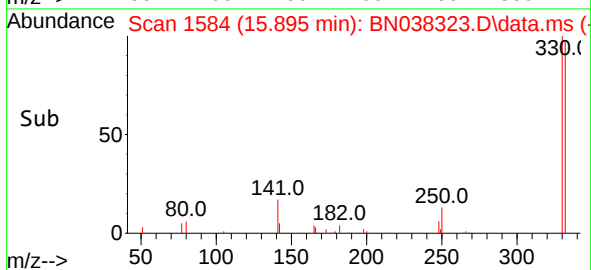
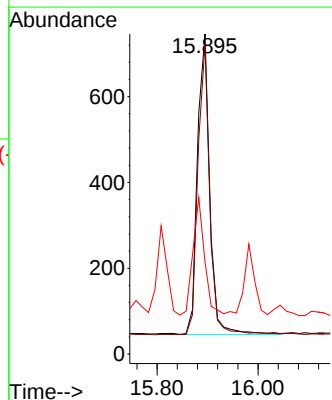
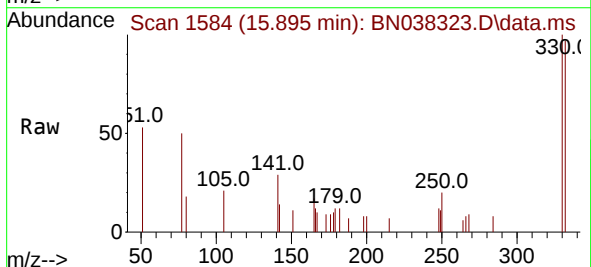
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Tgt Ion:164 Resp: 7382
Ion Ratio Lower Upper
164 100
162 99.5 86.2 129.4
160 49.0 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

Tgt Ion:330 Resp: 1190
Ion Ratio Lower Upper
330 100
332 91.8 75.8 113.6
141 36.5 31.8 47.8

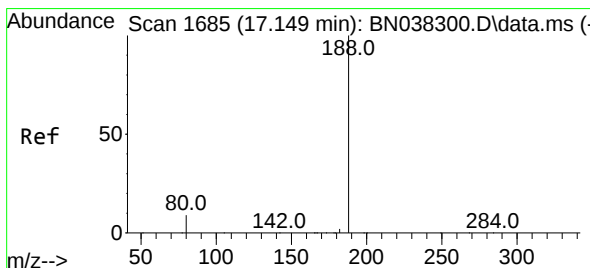
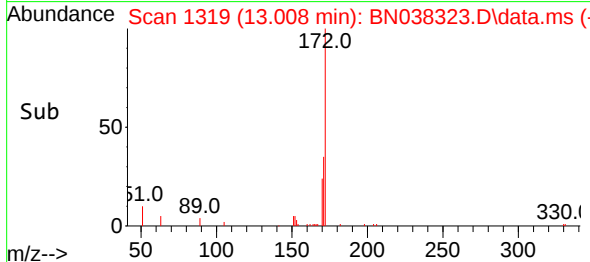
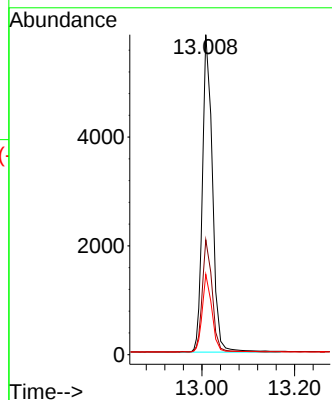
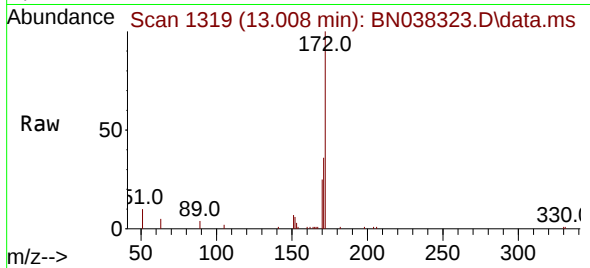




#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

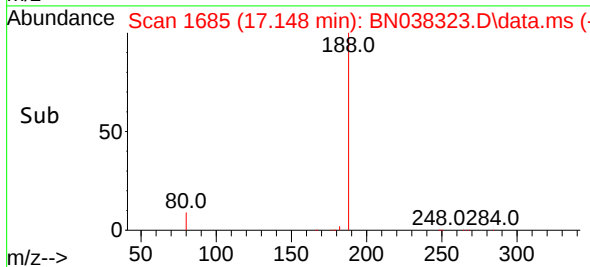
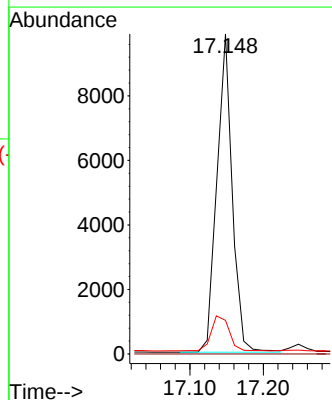
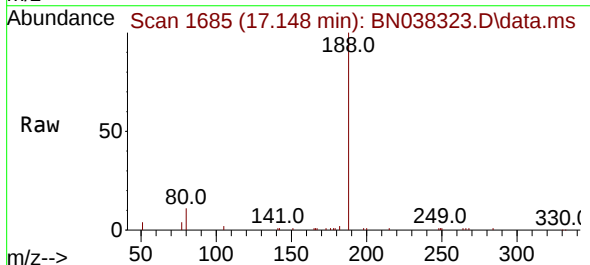
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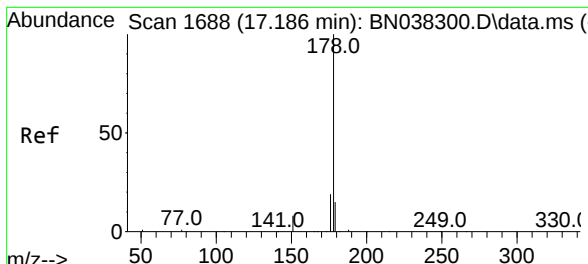
Tgt Ion:	172	Resp:	9477
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	42.8
170	25.1	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

Tgt Ion:	188	Resp:	14306
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	7.4	11.0

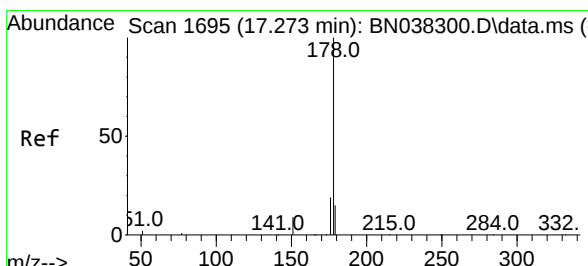
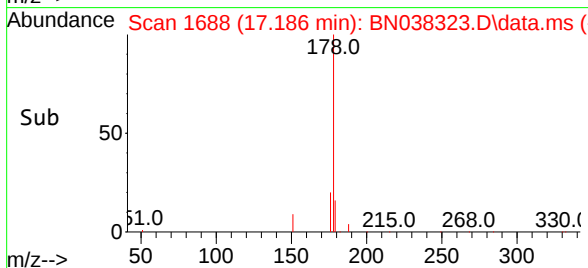
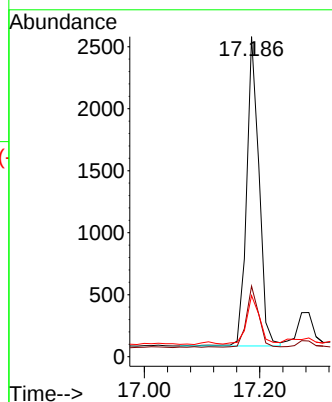
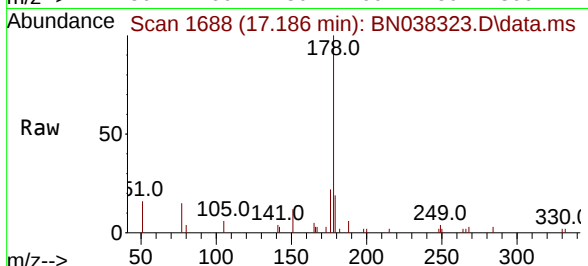




#25
 Phenanthrene
 Concen: 0.075 ng
 RT: 17.186 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

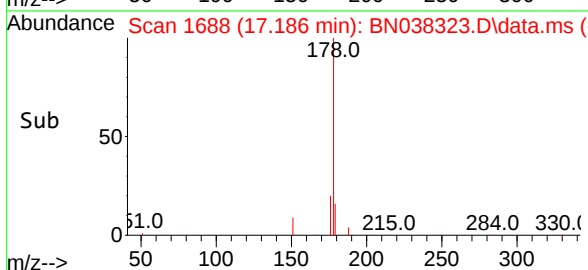
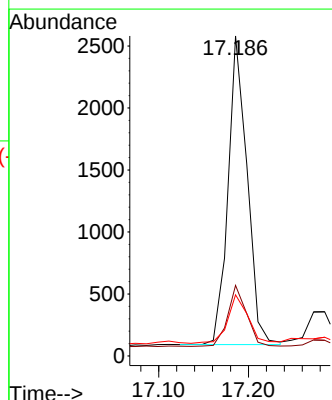
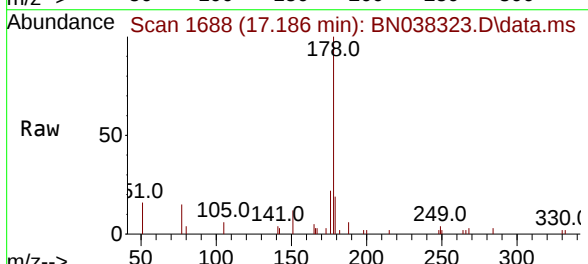
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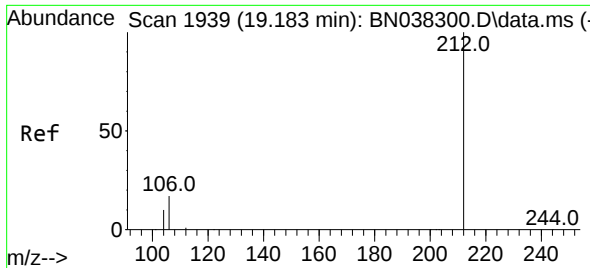
Tgt Ion:	178	Resp:	3713
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	16.4	12.2	18.2



#26
 Anthracene
 Concen: 0.085 ng
 RT: 17.186 min Scan# 1688
 Delta R.T. -0.099 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

Tgt Ion:	178	Resp:	3667
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.6	12.0	18.0

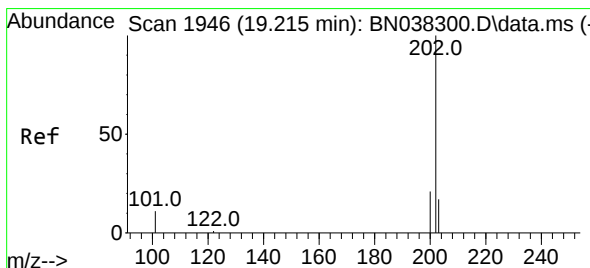
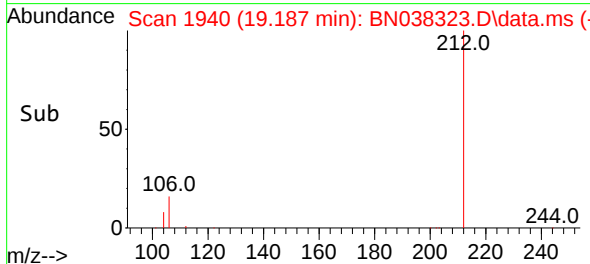
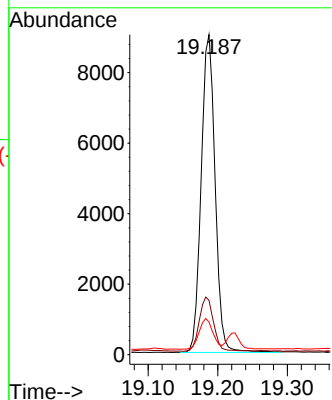
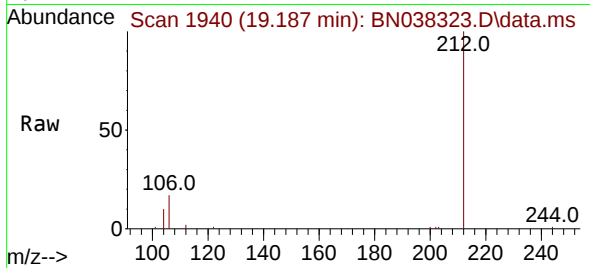




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

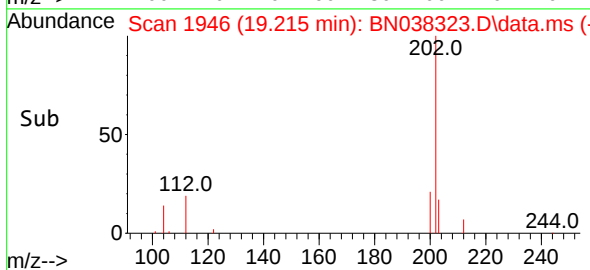
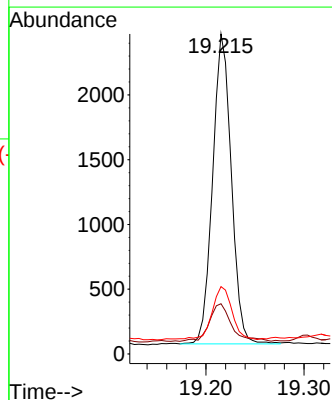
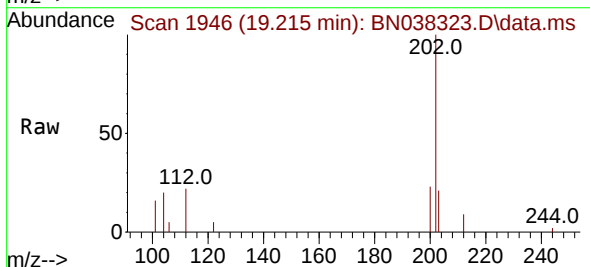
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425-FD

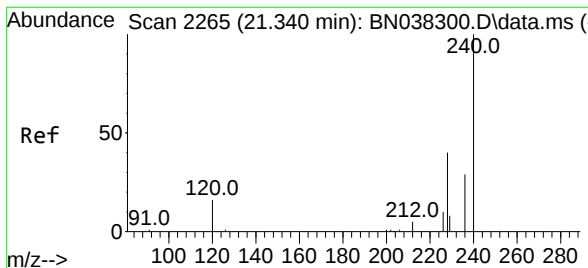
Tgt Ion:212 Resp: 12514
Ion Ratio Lower Upper
212 100
106 17.5 13.7 20.5
104 9.6 7.8 11.8



#28
Fluoranthene
Concen: 0.060 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

Tgt Ion:202 Resp: 3165
Ion Ratio Lower Upper
202 100
101 14.1 9.6 14.4
203 18.6 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038323.D

Acq: 11 Dec 2025 18:28

Instrument :

BNA_N

ClientSampleId :

OW-08B-72.5-120425-FD

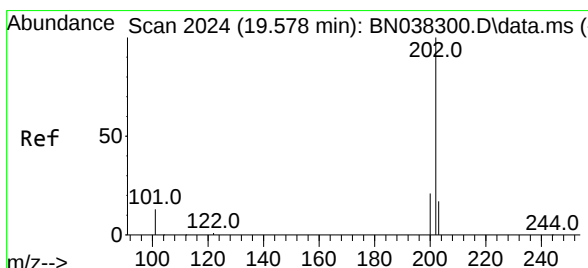
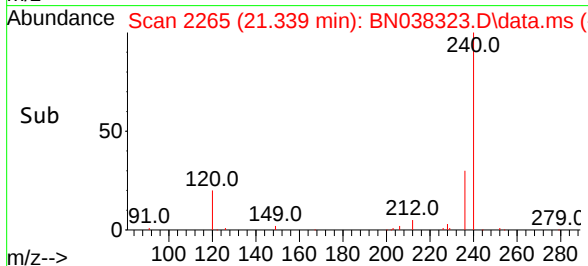
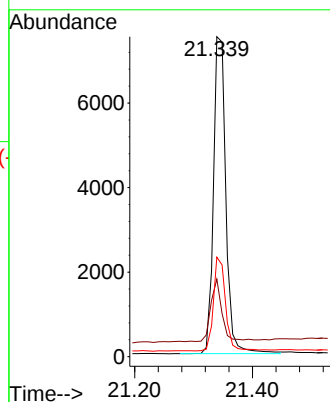
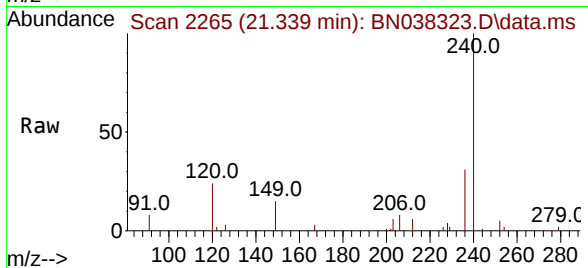
Tgt Ion:240 Resp: 10994

Ion Ratio Lower Upper

240 100

120 24.3 15.4 23.2#

236 31.1 23.9 35.9



#30

Pyrene

Concen: 0.049 ng

RT: 19.578 min Scan# 2024

Delta R.T. -0.005 min

Lab File: BN038323.D

Acq: 11 Dec 2025 18:28

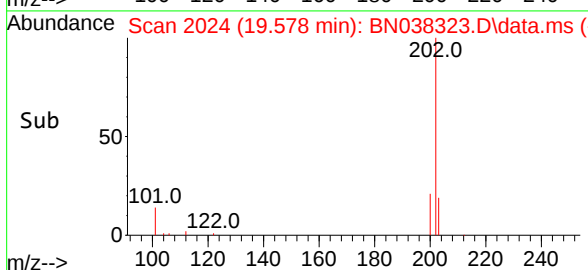
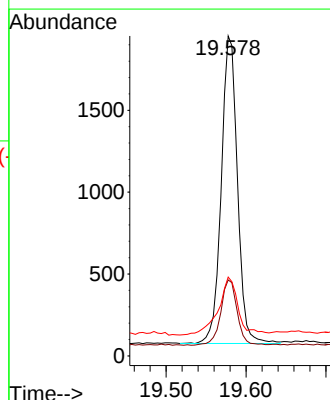
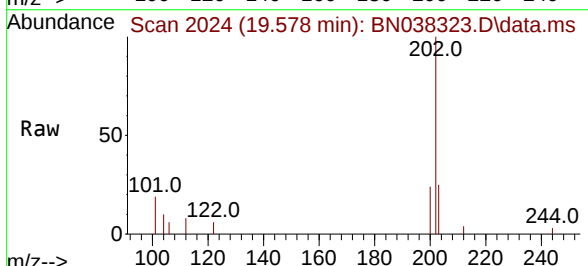
Tgt Ion:202 Resp: 2640

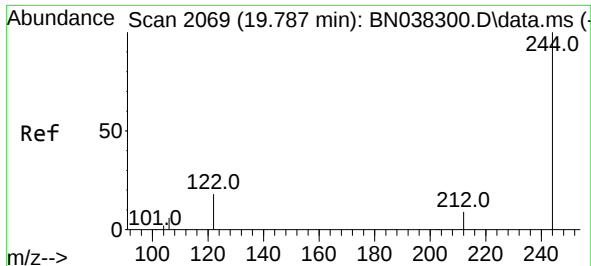
Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 23.1 14.2 21.2#

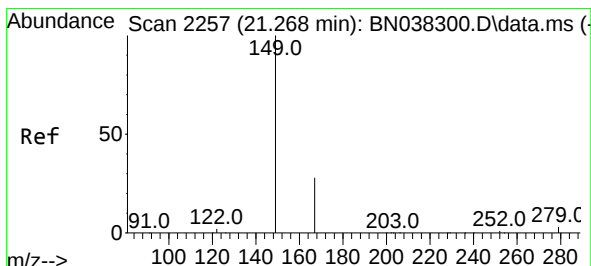
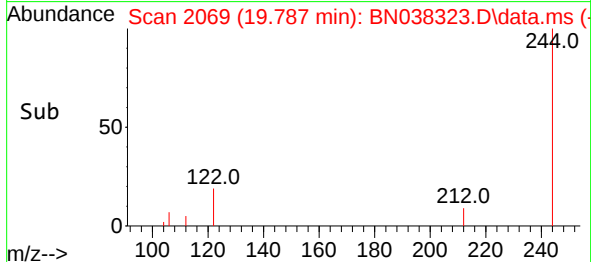
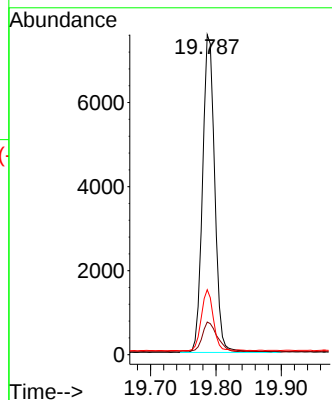
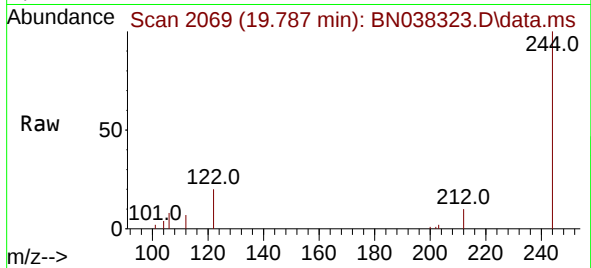




#31
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

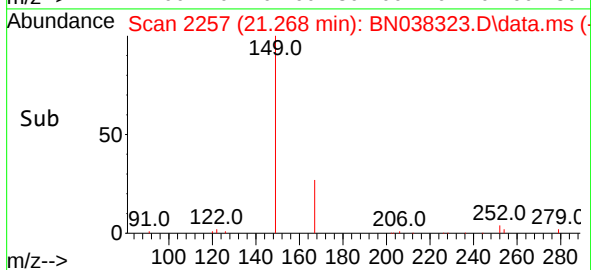
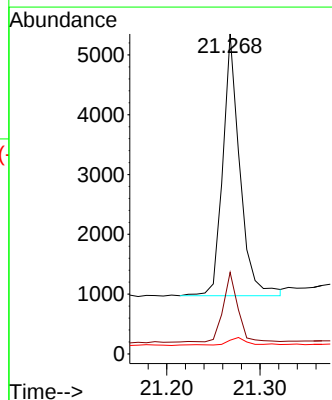
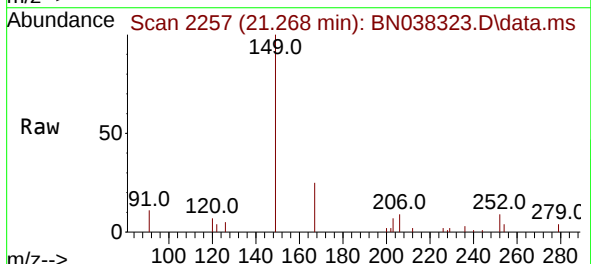
Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425-FD

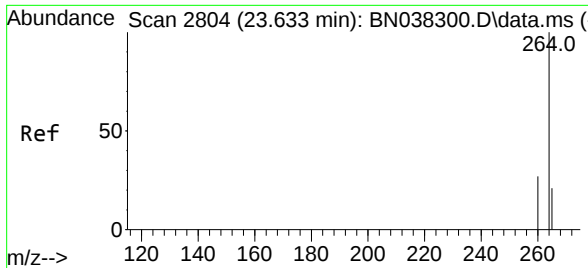
Tgt Ion:244 Resp: 9789
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.9 11.9
 122 20.3 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.238 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

Tgt Ion:149 Resp: 5555
 Ion Ratio Lower Upper
 149 100
 167 22.7 21.4 32.0
 279 2.8 2.4 3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.636 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN038323.D

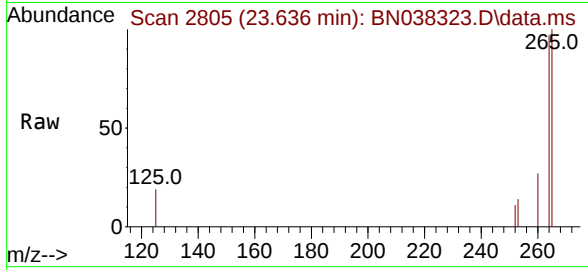
Acq: 11 Dec 2025 18:28

Instrument :

BNA_N

ClientSampleId :

OW-08B-72.5-120425-FD



Tgt Ion:264 Resp: 11102

Ion Ratio Lower Upper

264 100

260 27.7 22.2 33.2

265 103.2 80.2 120.2

