

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)

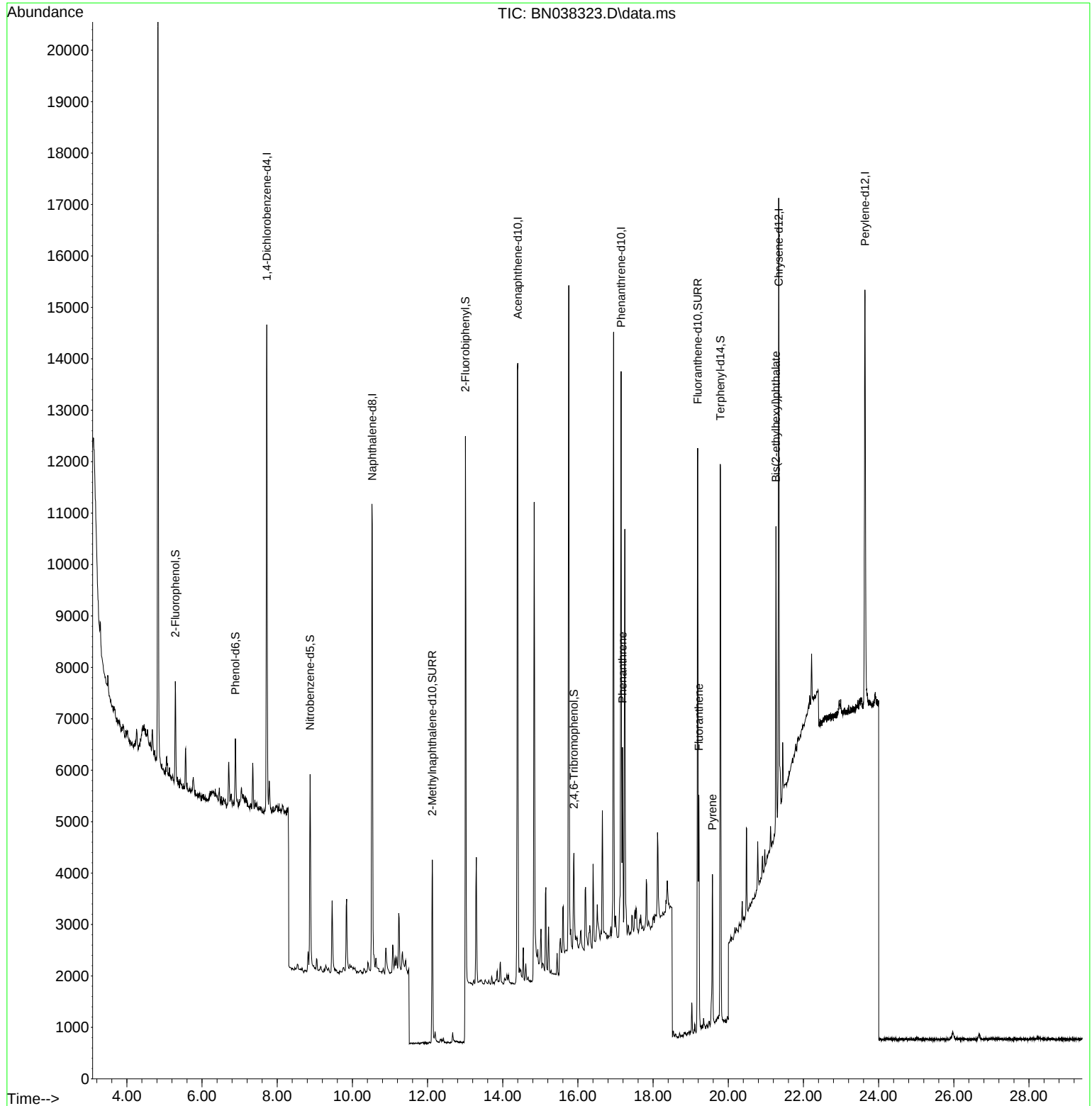
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	4745	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	13148	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7382	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14306	0.400	ng	0.00
29) Chrysene-d12	21.339	240	10994	0.400	ng	# 0.00
35) Perylene-d12	23.636	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						
25) Phenanthrene	17.186	178	3713	0.075	ng	Qvalue 97
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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Misc :
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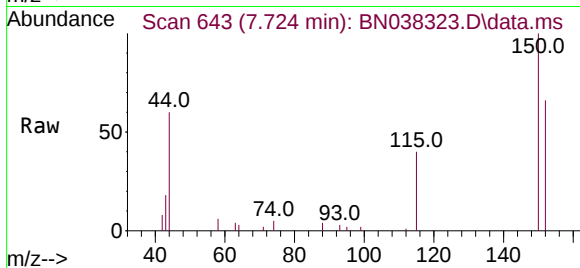
Quant Time: Dec 12 00:10:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



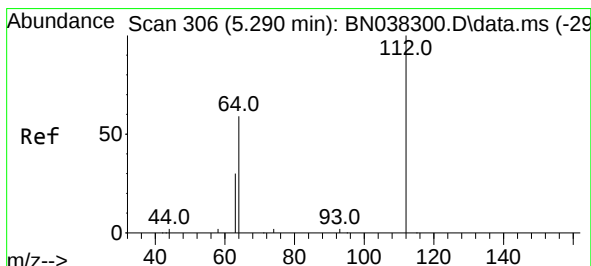
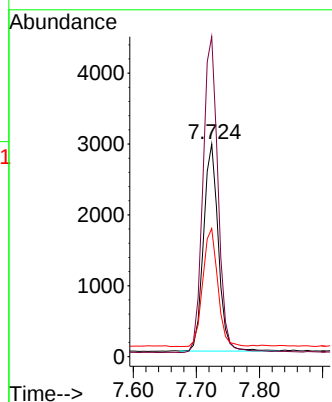
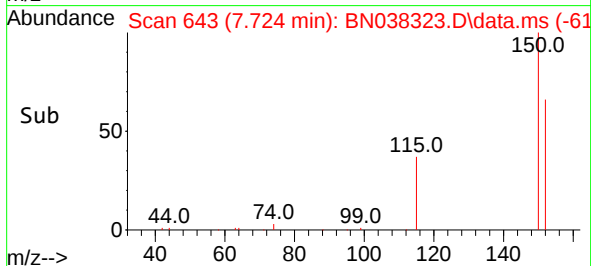


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

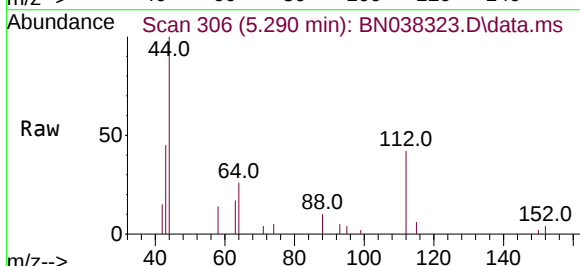
Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425-FD



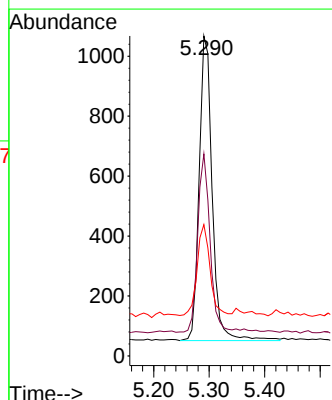
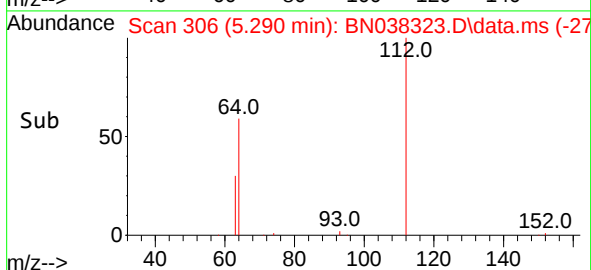
Tgt Ion:	152	Resp:	4745
Ion	Ratio	Lower	Upper
152	100		
150	150.6	122.4	183.6
115	60.3	47.3	70.9

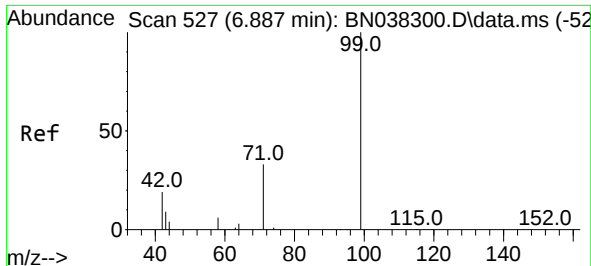


#4
 2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.290 min Scan# 306
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28



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

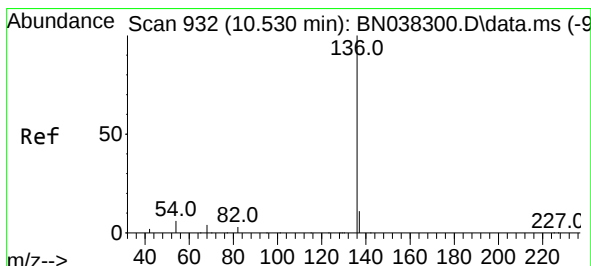
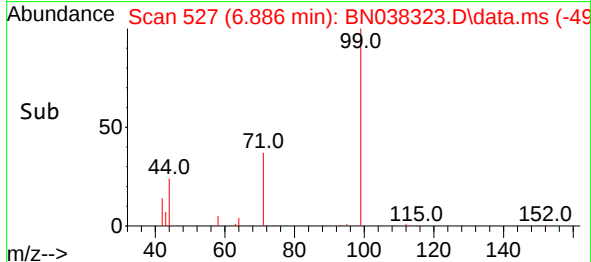
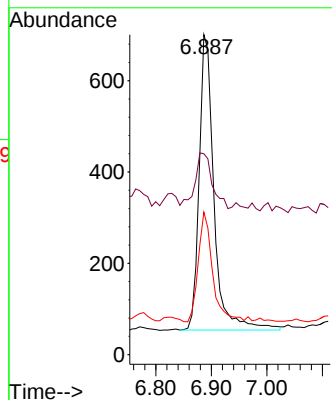
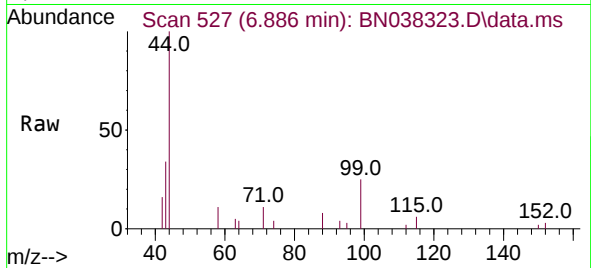




#5
Phenol-d6
Concen: 0.085 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

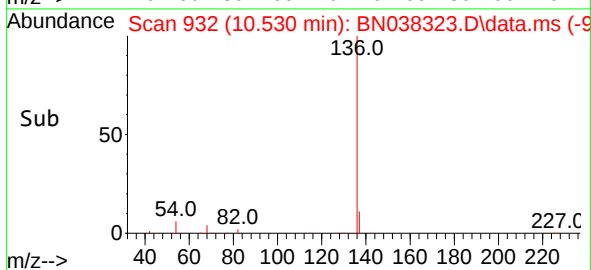
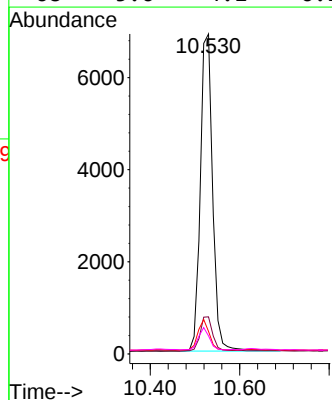
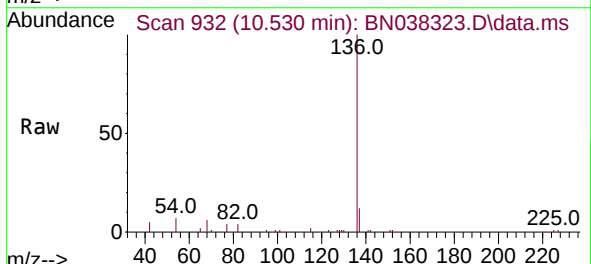
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425-FD

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

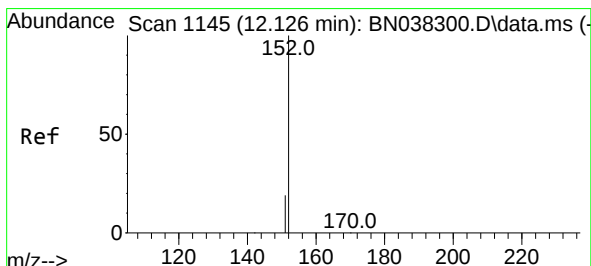
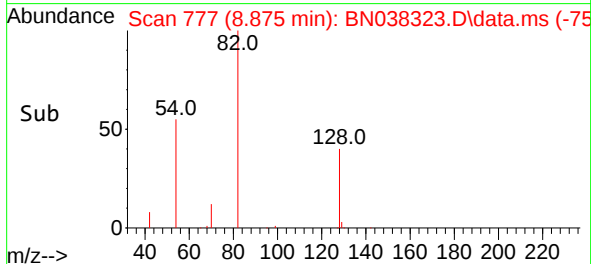
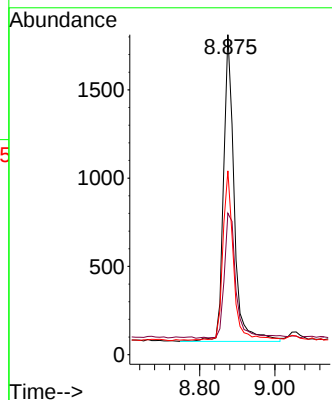
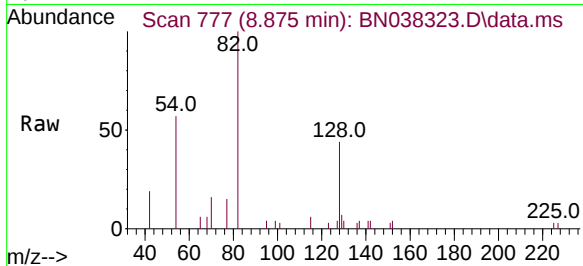




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN038323.D
 Acq: 11 Dec 2025 18:28

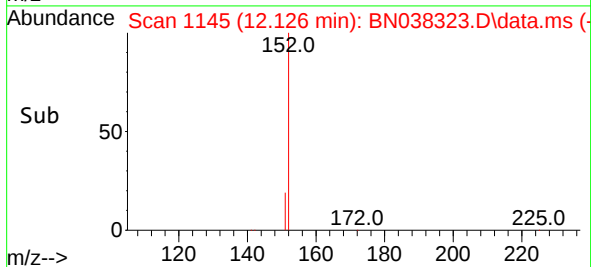
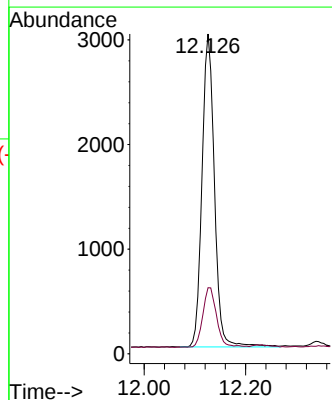
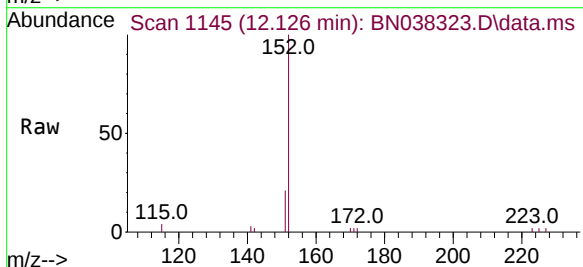
Instrument :
 BNA_N
 ClientSampleId :
 OW-08B-72.5-120425-FD

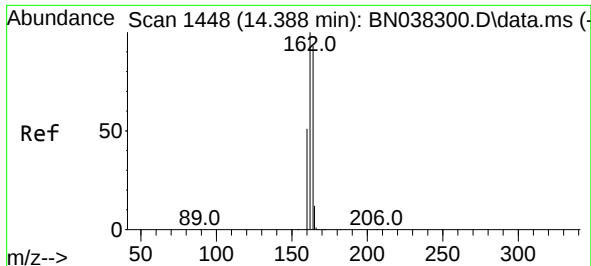
Tgt Ion: 82 Resp: 3391
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.0 51.0
 54 57.4 44.4 66.6



#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

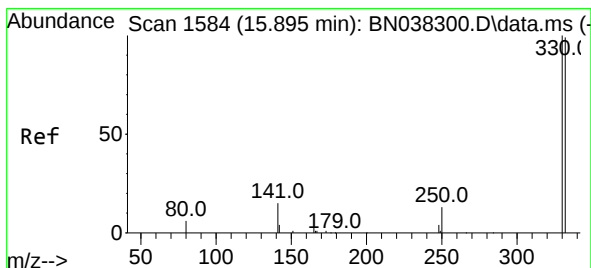
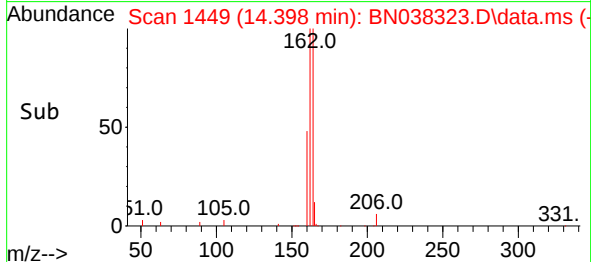
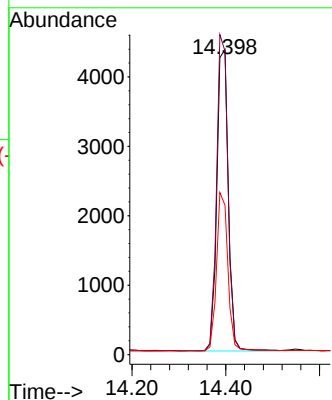
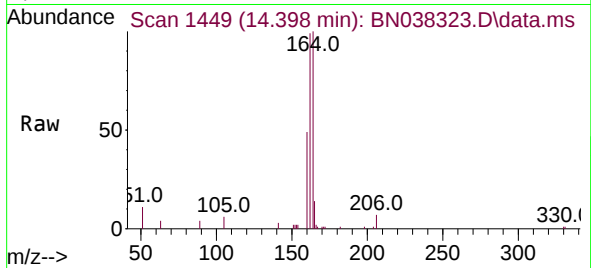




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

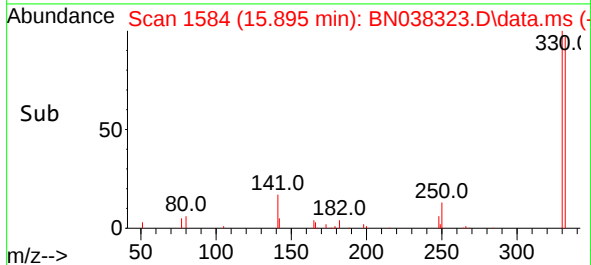
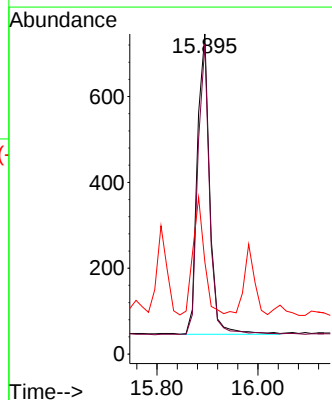
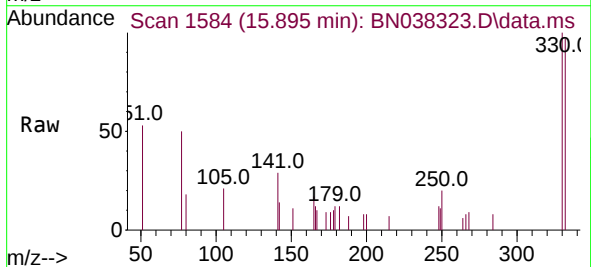
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425-FD

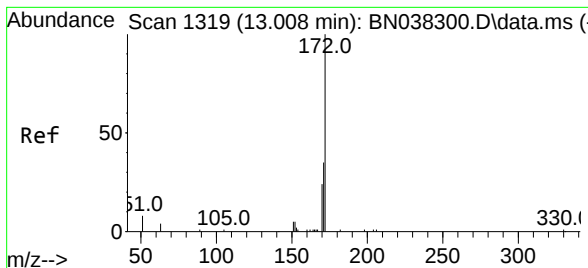
Tgt Ion:164 Resp: 7382
Ion Ratio Lower Upper
164 100
162 99.5 86.2 129.4
160 49.0 44.6 67.0



#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# 1319

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

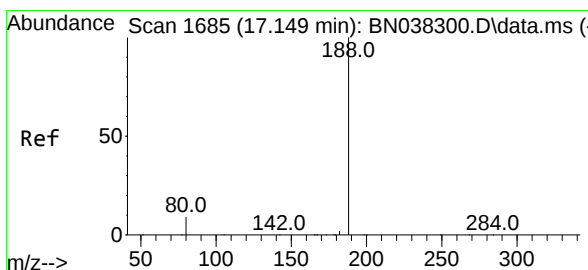
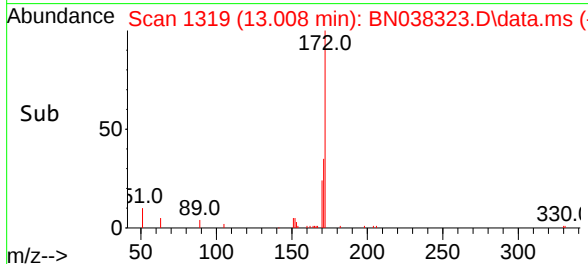
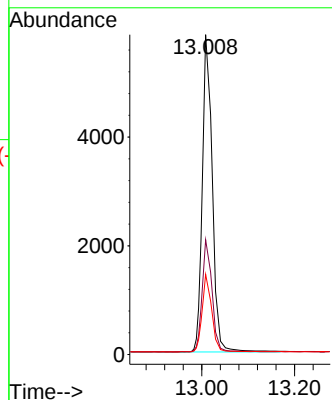
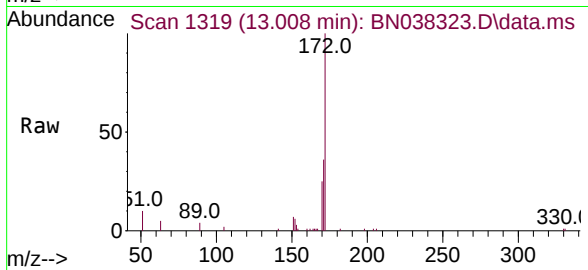
Tgt Ion:172 Resp: 9477

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

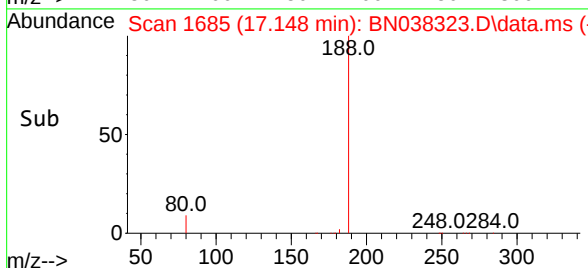
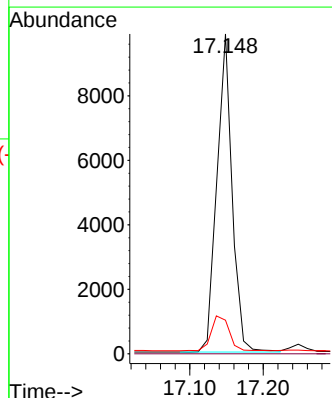
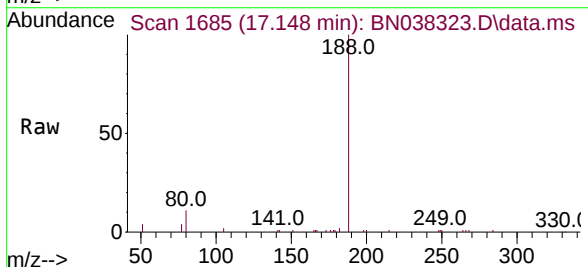
Tgt Ion:188 Resp: 14306

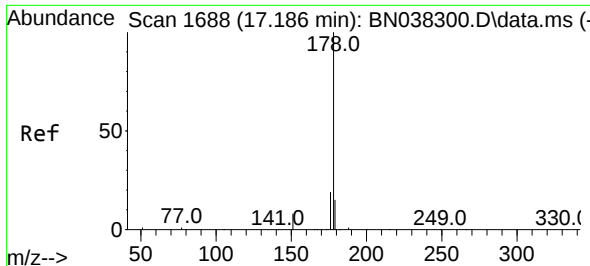
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 7.4 11.0

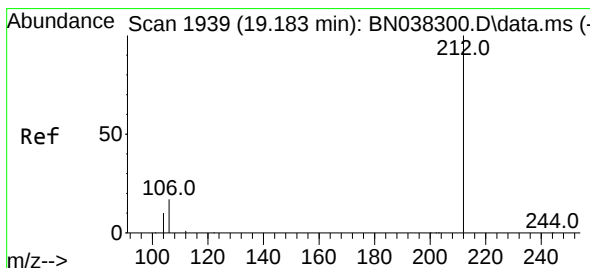
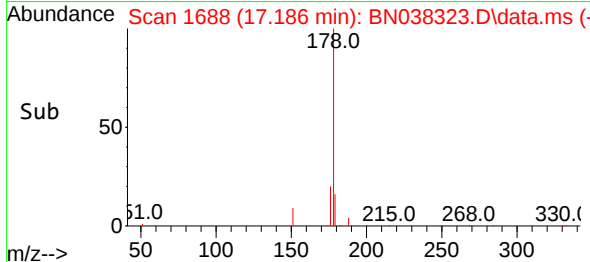
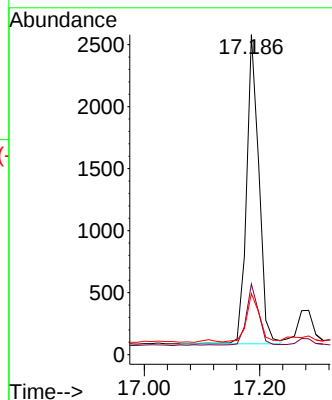
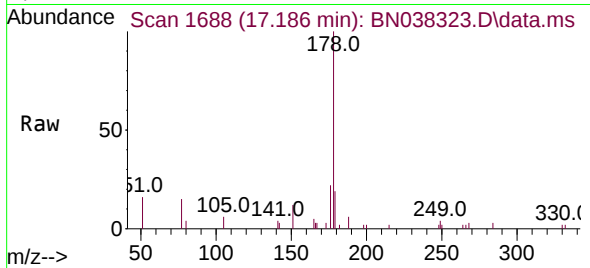




#25
Phenanthrene
Concen: 0.075 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

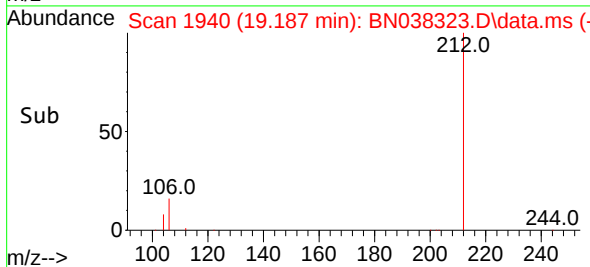
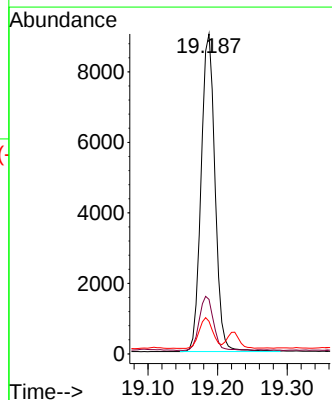
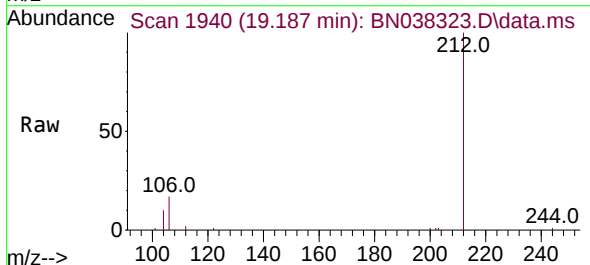
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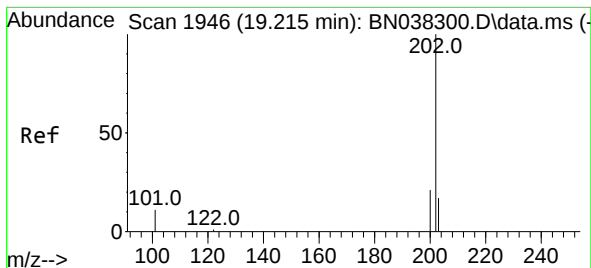
Tgt Ion:	178	Resp:	3713
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.5	23.3
179	16.4	12.2	18.2



#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

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

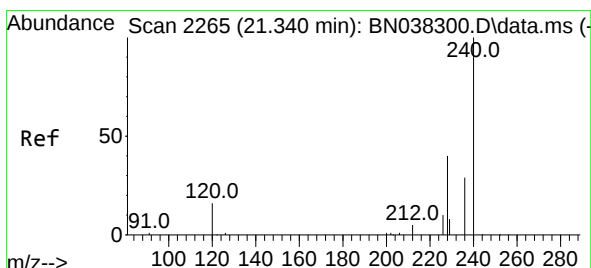
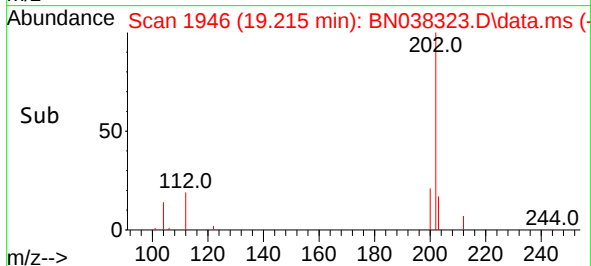
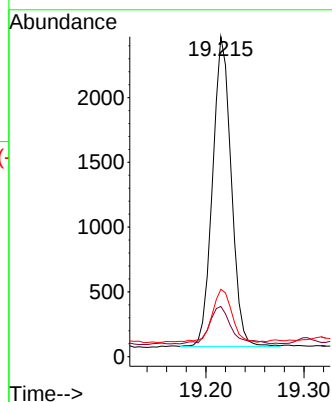
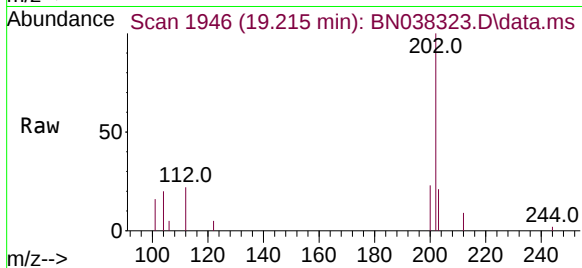
Instrument :

BNA_N

ClientSampleId :

OW-08B-72.5-120425-FD

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

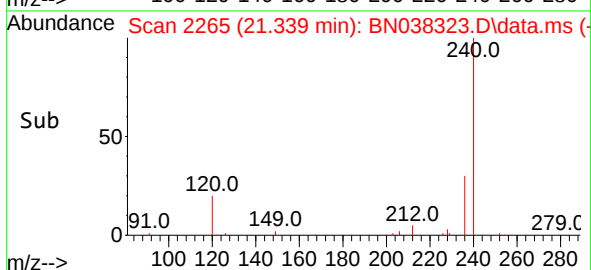
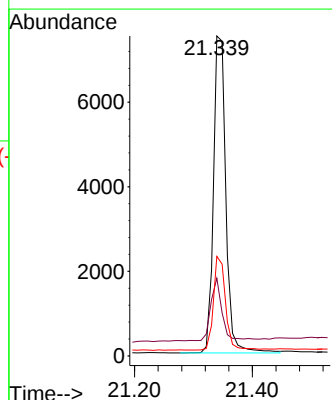
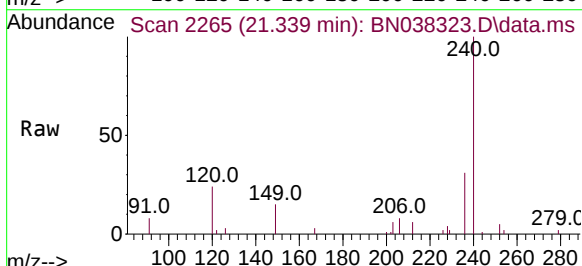
RT: 21.339 min Scan# 2265

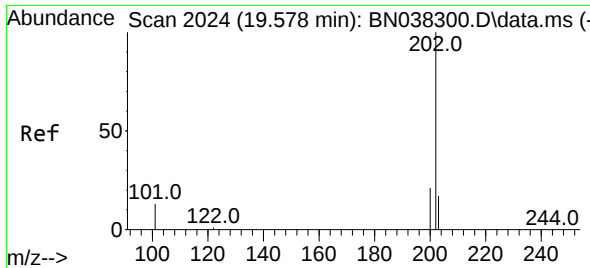
Delta R.T. -0.000 min

Lab File: BN038323.D

Acq: 11 Dec 2025 18:28

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

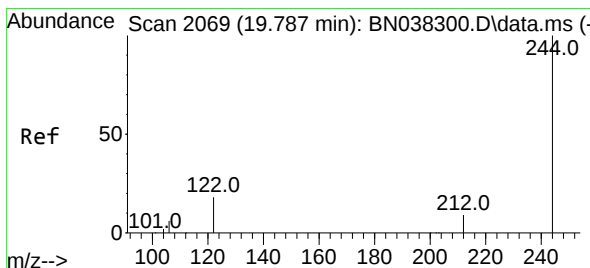
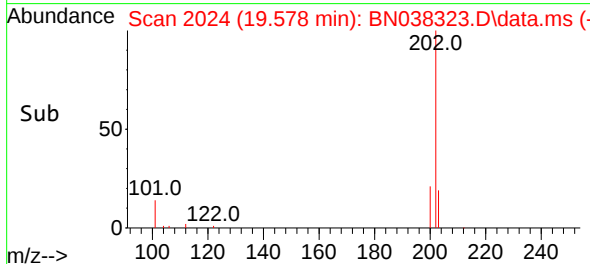
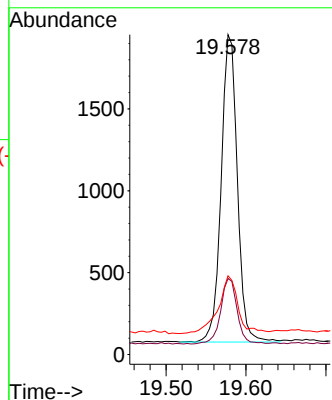
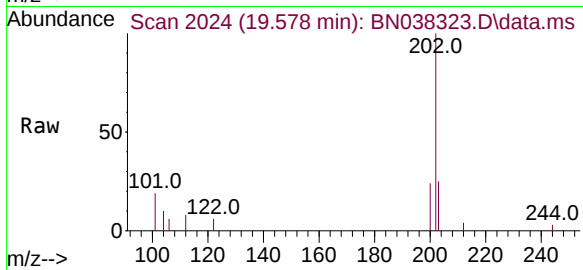




#30
Pyrene
Concen: 0.049 ng
RT: 19.578 min Scan# 2024
Delta R.T. -0.005 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

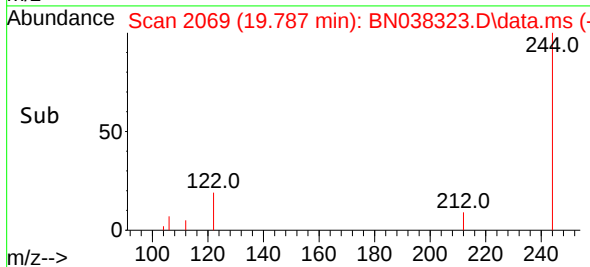
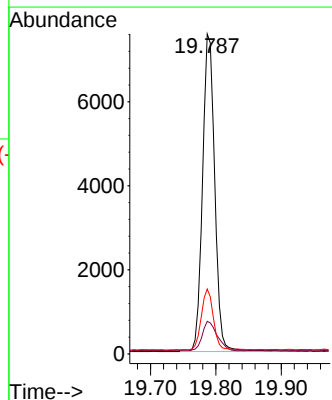
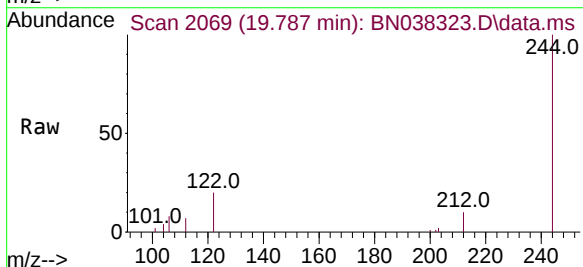
Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-120425-FD

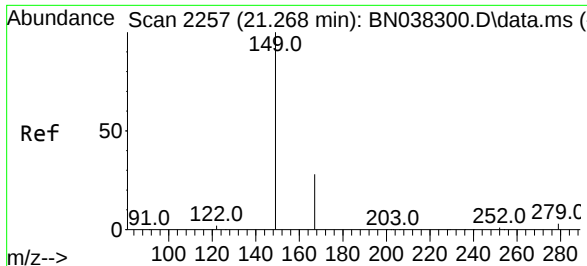
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	23.1	14.2	21.2



#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

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

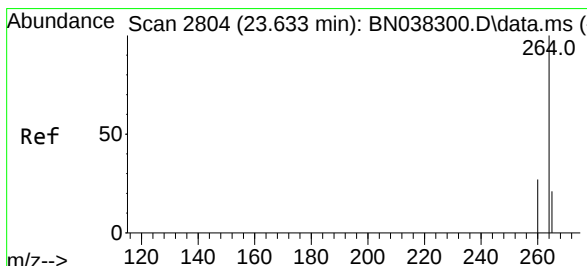
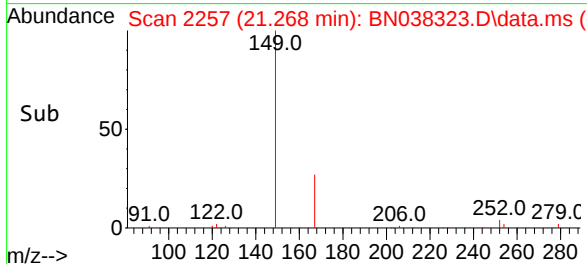
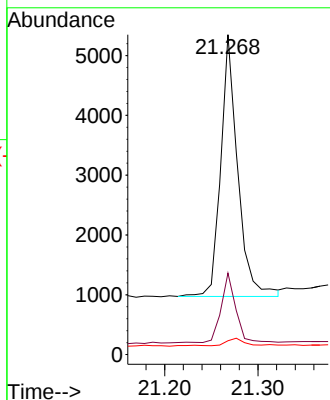
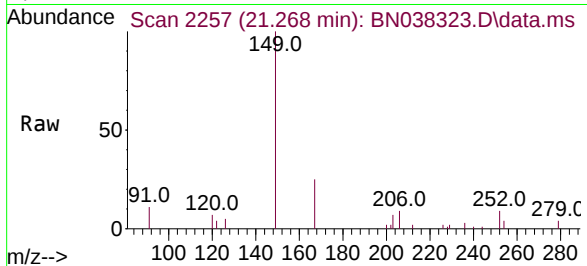




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.238 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

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

Tgt Ion:	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# 2805
Delta R.T. 0.003 min
Lab File: BN038323.D
Acq: 11 Dec 2025 18:28

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

