

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038333.D
 Acq On : 12 Dec 2025 01:49
 Operator : RC/JU
 Sample : Q3757-03DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325DL

Quant Time: Dec 12 04:17:19 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)

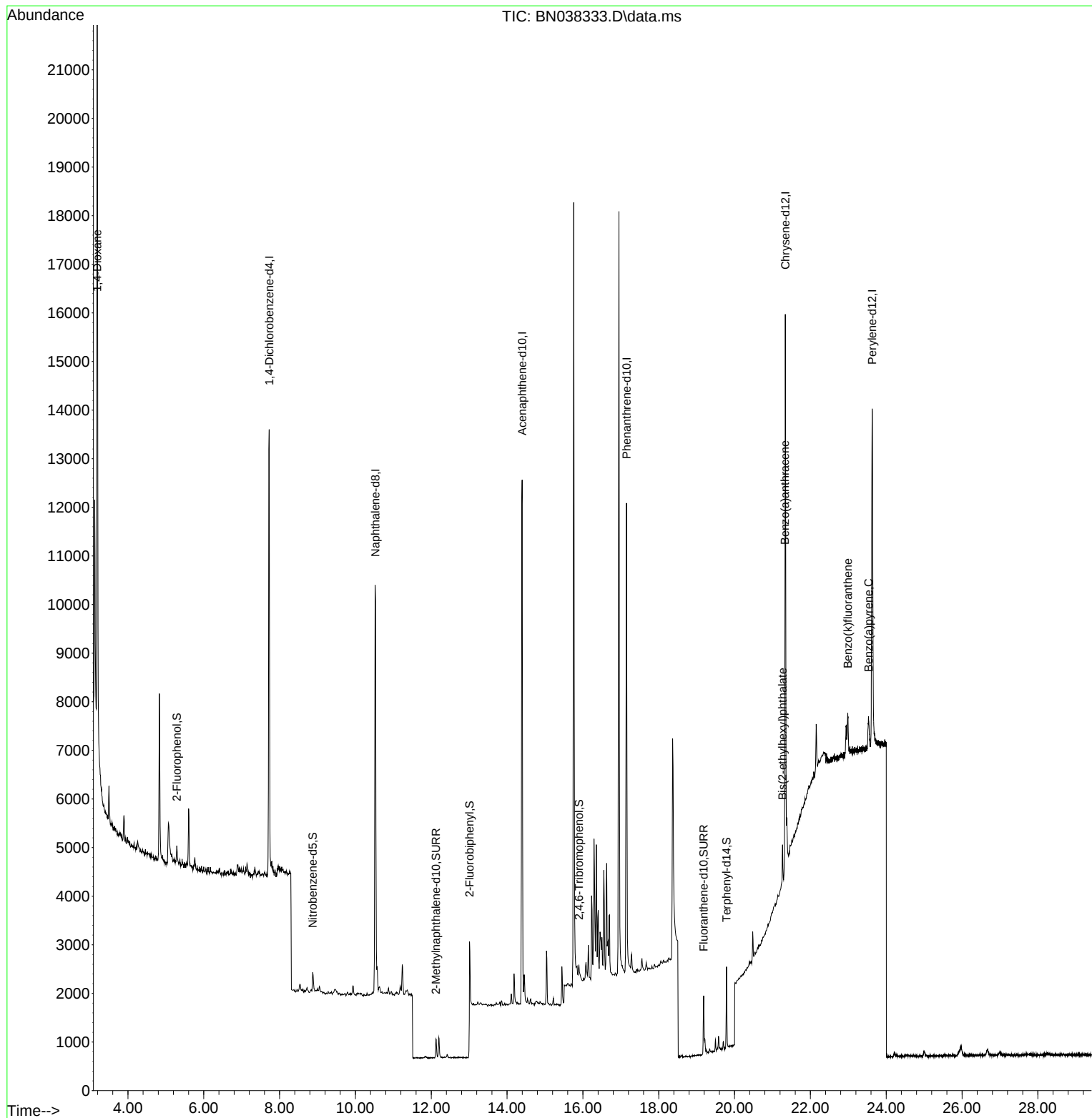
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	4723	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	12829	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	6799	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	13086	0.400	ng	# 0.00
29) Chrysene-d12	21.340	240	10141	0.400	ng	0.00
35) Perylene-d12	23.630	264	10159	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	286	0.024	ng	0.00
5) Phenol-d6	6.887	99	237	0.017	ng	0.00
8) Nitrobenzene-d5	8.875	82	384	0.035	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	623	0.034	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	166	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	1335	0.041	ng	0.00
27) Fluoranthene-d10	19.183	212	1374	0.042	ng	0.00
31) Terphenyl-d14	19.787	244	1628	0.072	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	11881	2.194	ng	Qvalue 96
32) Benzo(a)anthracene	21.331	228	874	0.022	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.268	149	1001	0.047	ng	# 91
38) Benzo(k)fluoranthene	22.987	252	1009	0.022	ng	# 1
39) Benzo(a)pyrene	23.534	252	766	0.020	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038333.D
Acq On : 12 Dec 2025 01:49
Operator : RC/JU
Sample : Q3757-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

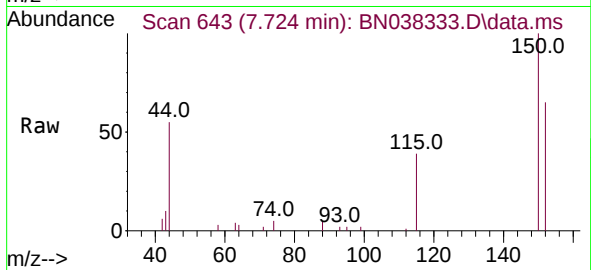
Quant Time: Dec 12 04:17:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration





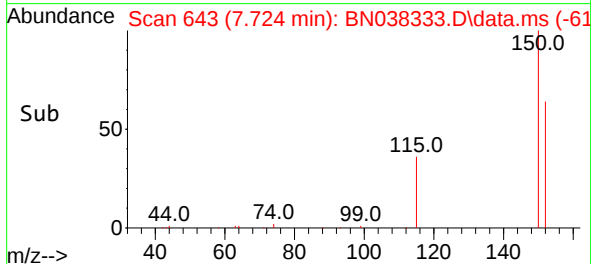
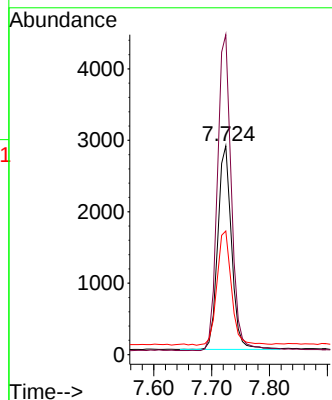
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038333.D
 Acq: 12 Dec 2025 01:49

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325DL



Tgt Ion:152 Resp: 4723

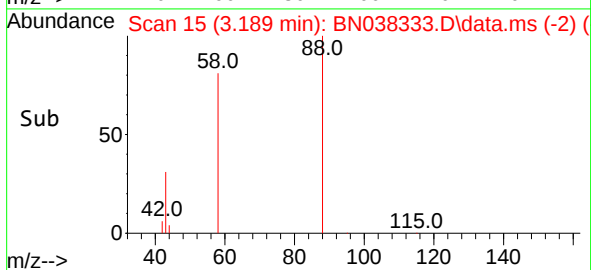
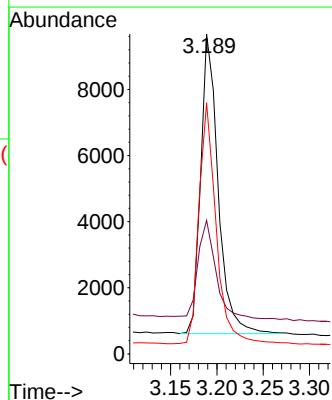
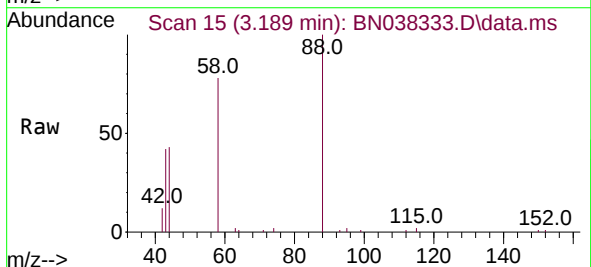
Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.4	183.6
115	59.2	47.3	70.9

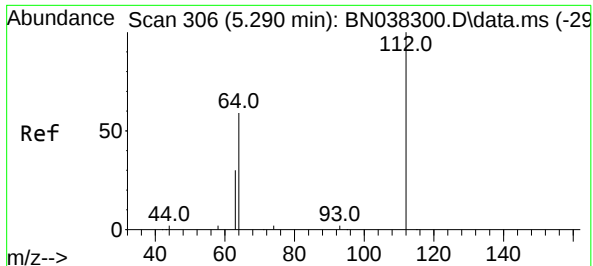


#2
 1,4-Dioxane
 Concen: 2.194 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038333.D
 Acq: 12 Dec 2025 01:49

Tgt Ion: 88 Resp: 11881

Ion	Ratio	Lower	Upper
88	100		
43	35.0	24.9	37.3
58	79.1	61.4	92.0

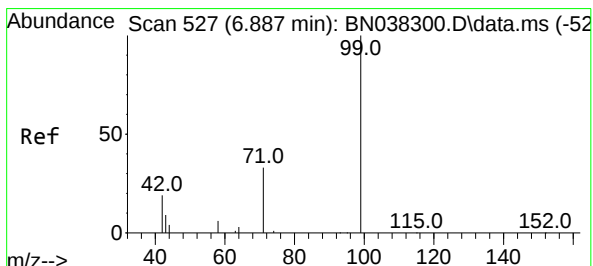
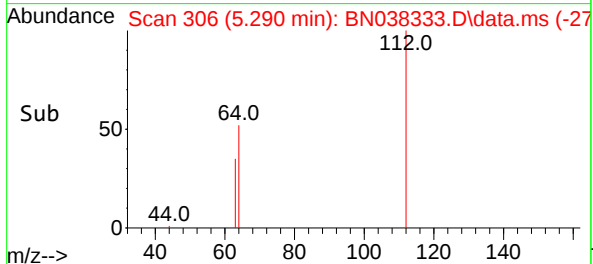
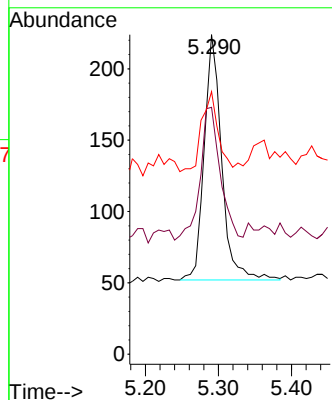
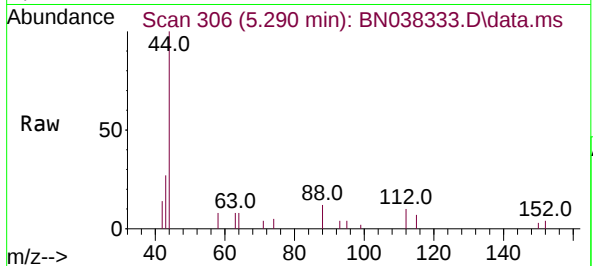




#4
2-Fluorophenol
Concen: 0.024 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

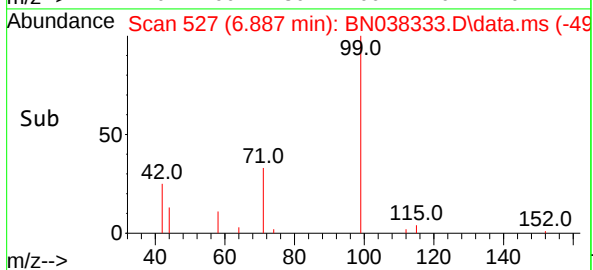
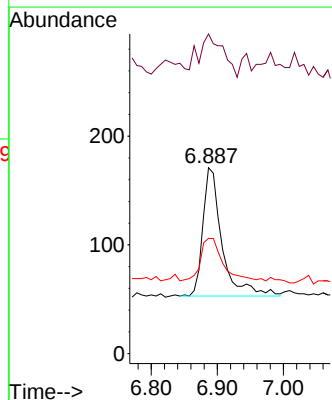
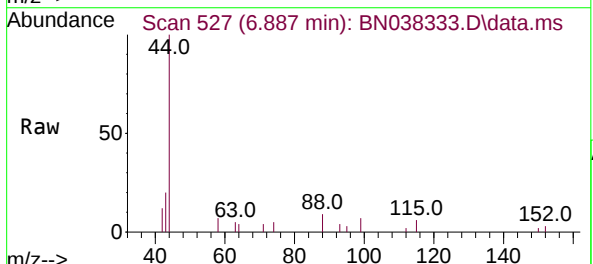
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

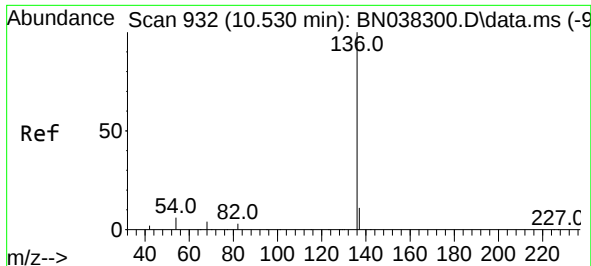
Tgt Ion:	112	Resp:	286
Ion	Ratio	Lower	Upper
112	100		
64	62.6	44.4	66.6
63	27.3	23.4	35.0



#5
Phenol-d6
Concen: 0.017 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:	99	Resp:	237
Ion	Ratio	Lower	Upper
99	100		
42	42.2	16.5	24.7#
71	35.9	24.9	37.3

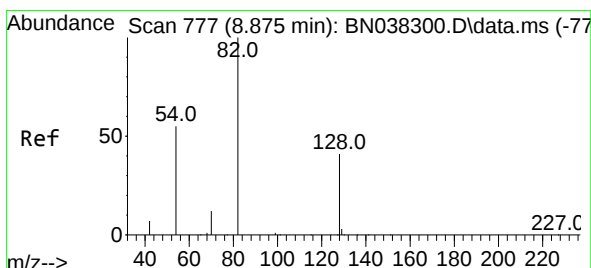
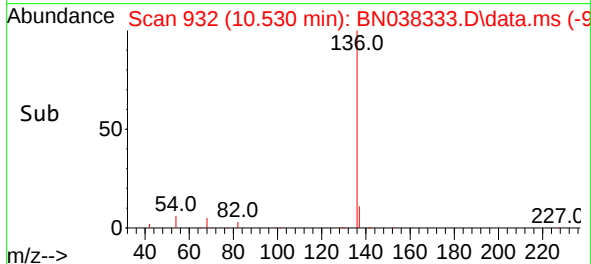
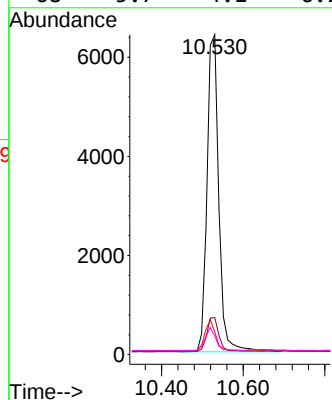
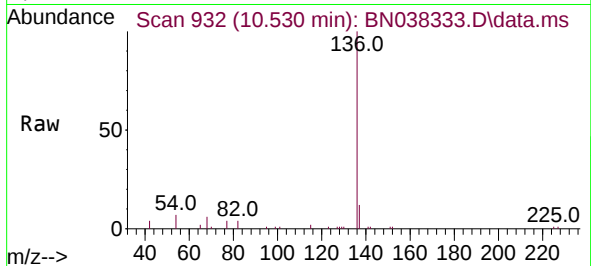




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

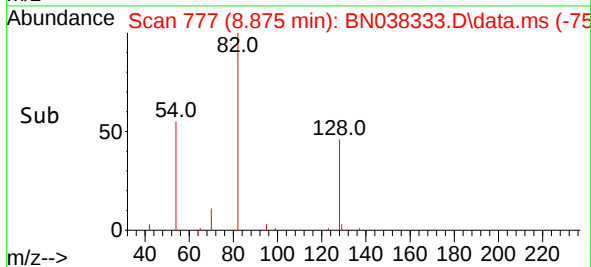
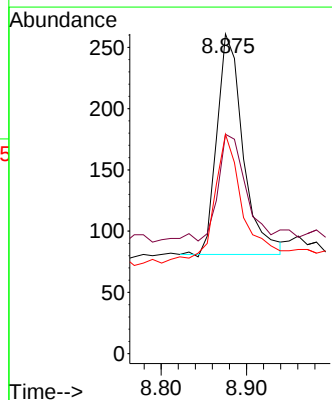
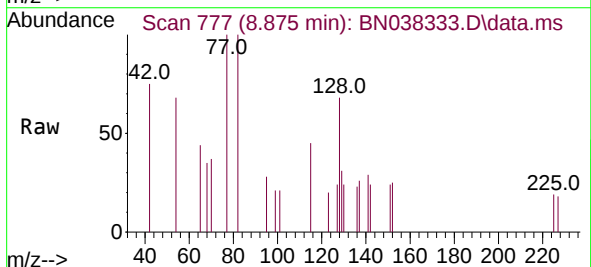
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

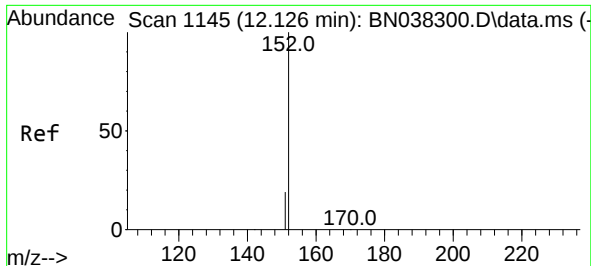
Tgt Ion:	136	Resp:	12829
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.2	7.8
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.035 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:	82	Resp:	384
Ion	Ratio	Lower	Upper
82	100		
128	68.6	34.0	51.0#
54	68.6	44.4	66.6#

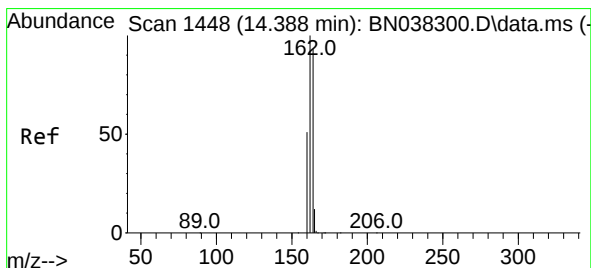
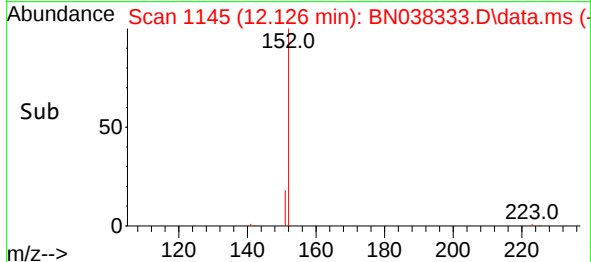
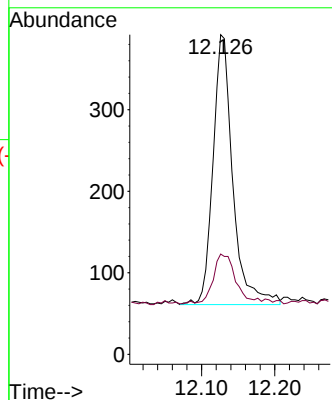
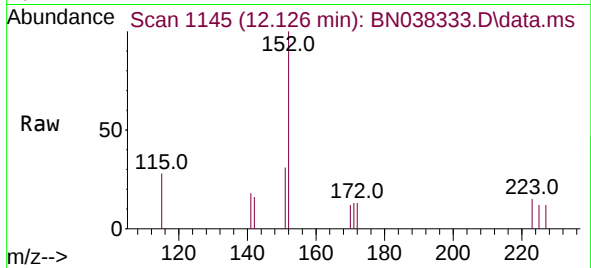




#11
2-Methylnaphthalene-d10
Concen: 0.034 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

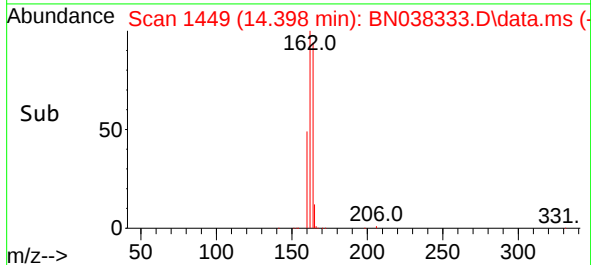
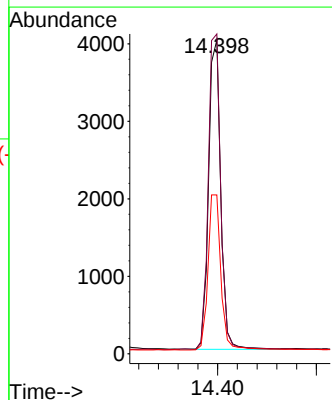
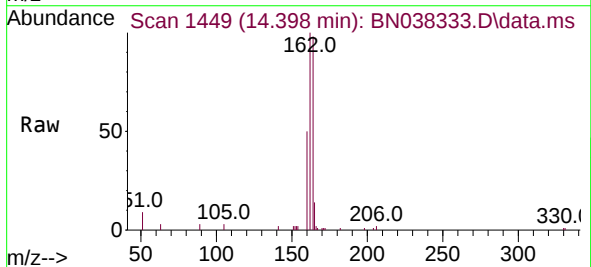
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

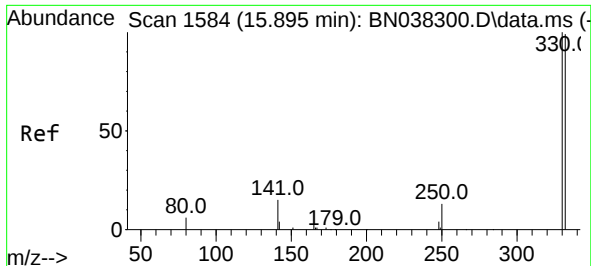
Tgt Ion:152 Resp: 623
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:164 Resp: 6799
Ion Ratio Lower Upper
164 100
162 102.0 86.2 129.4
160 50.7 44.6 67.0

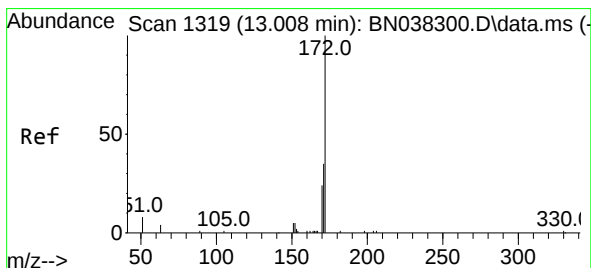
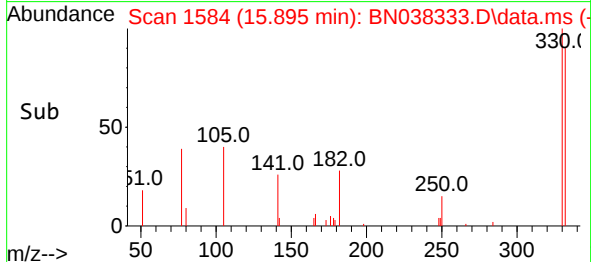
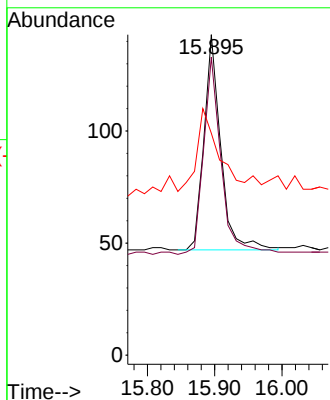
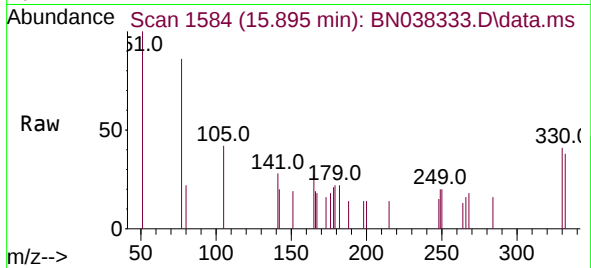




#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 15.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

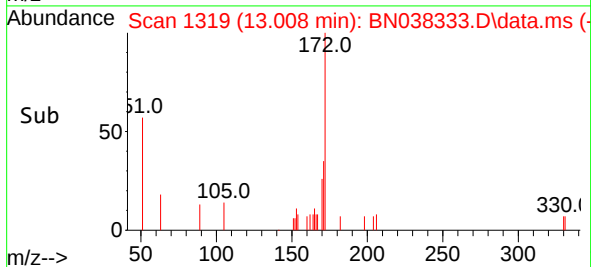
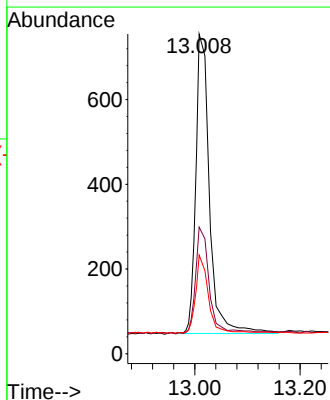
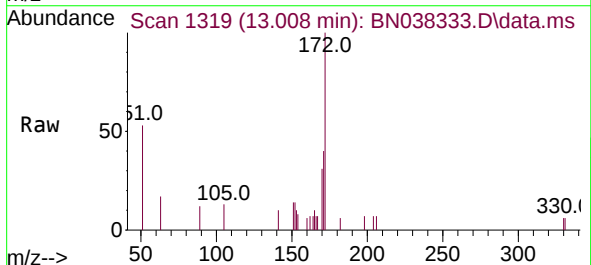
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

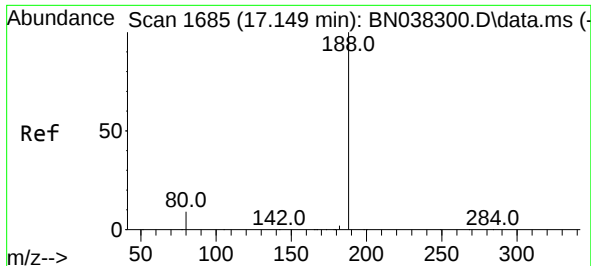
Tgt Ion:330 Resp: 166
Ion Ratio Lower Upper
330 100
332 98.2 75.8 113.6
141 50.0 31.8 47.8#



#15
2-Fluorobiphenyl
Concen: 0.041 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:172 Resp: 1335
Ion Ratio Lower Upper
172 100
171 39.6 28.6 42.8
170 30.9 19.3 28.9#

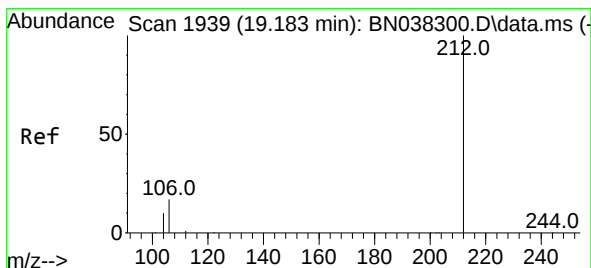
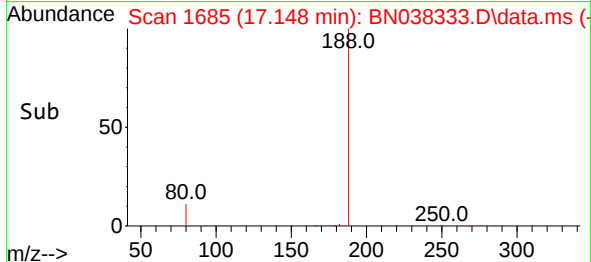
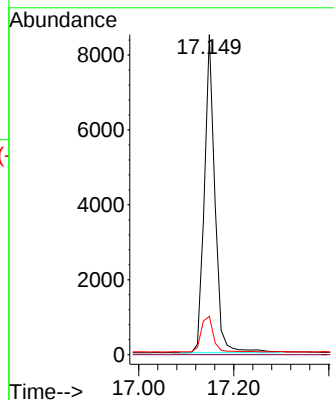
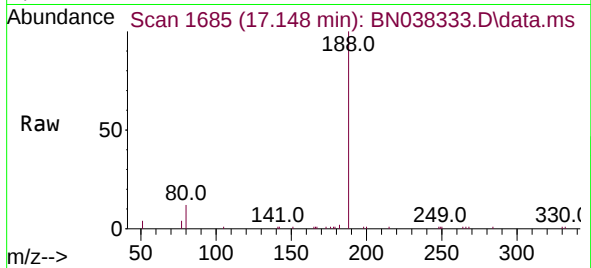




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

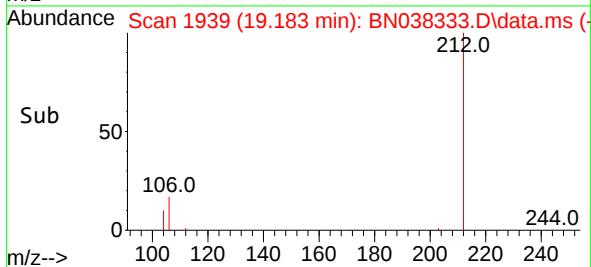
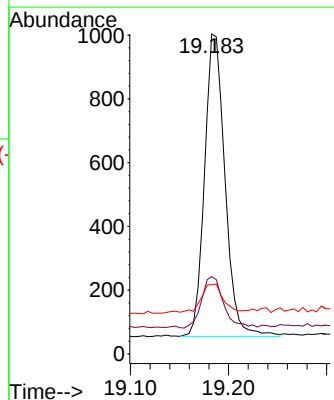
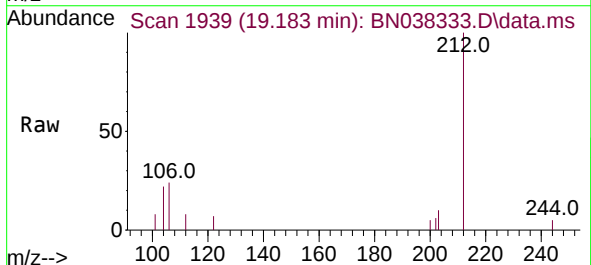
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325DL

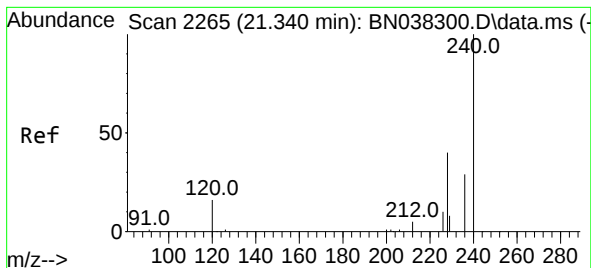
Tgt Ion:188 Resp: 13086
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.042 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038333.D
Acq: 12 Dec 2025 01:49

Tgt Ion:212 Resp: 1374
Ion Ratio Lower Upper
212 100
106 18.3 13.7 20.5
104 10.6 7.8 11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325DL

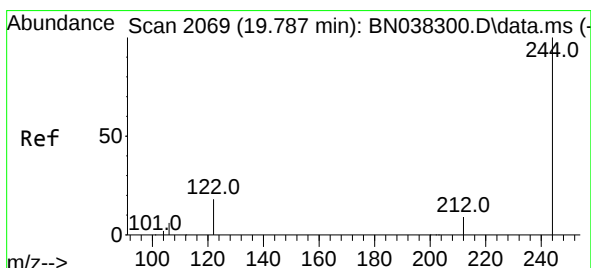
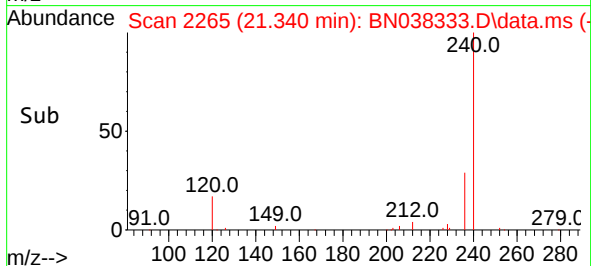
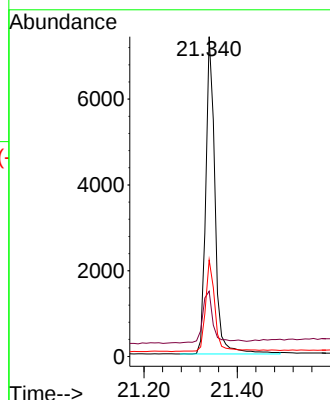
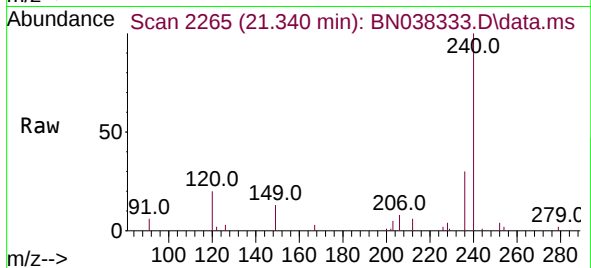
Tgt Ion:240 Resp: 10141

Ion Ratio Lower Upper

240 100

120 20.4 15.4 23.2

236 30.2 23.9 35.9



#31

Terphenyl-d14

Concen: 0.072 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

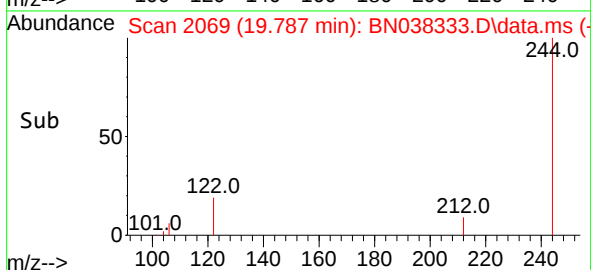
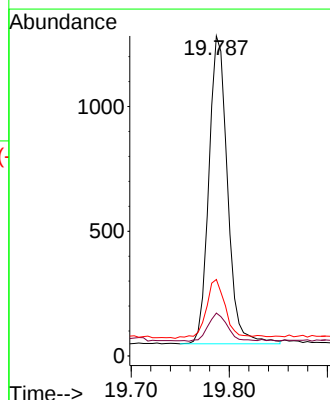
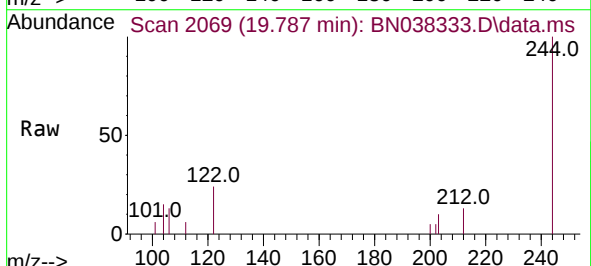
Tgt Ion:244 Resp: 1628

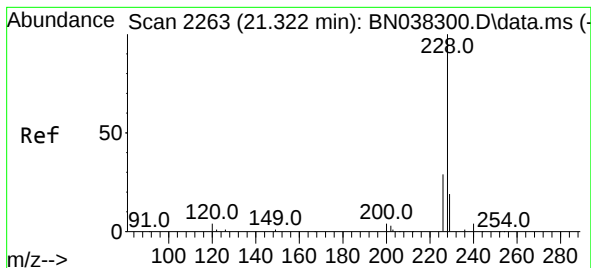
Ion Ratio Lower Upper

244 100

212 13.4 7.9 11.9#

122 23.9 15.0 22.6#





#32

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.331 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325DL

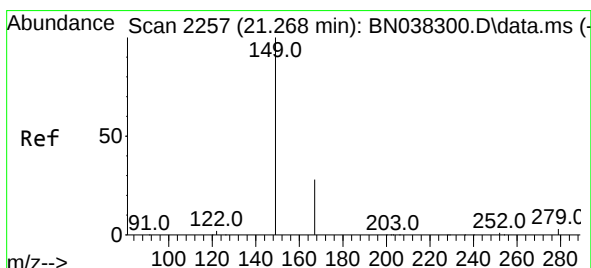
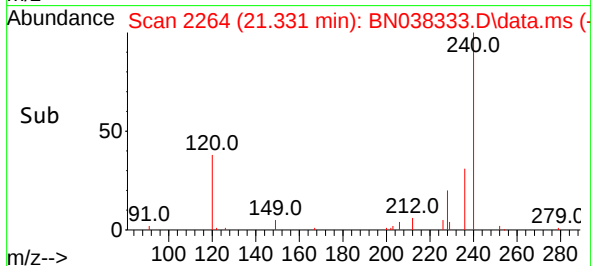
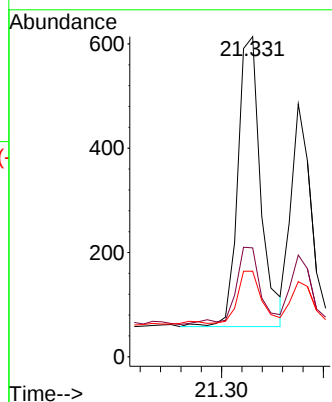
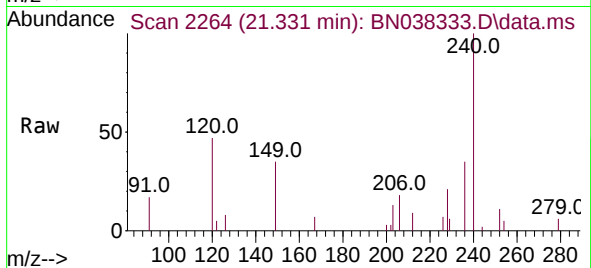
Tgt Ion:228 Resp: 874

Ion Ratio Lower Upper

228 100

226 34.0 23.3 34.9

229 26.7 15.7 23.5#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.047 ng

RT: 21.268 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

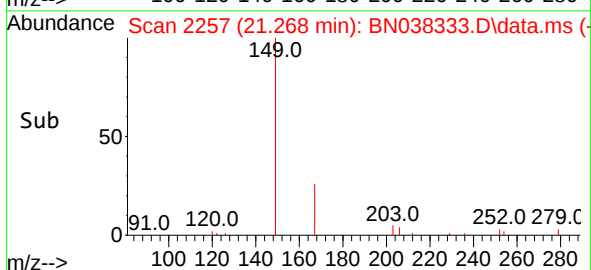
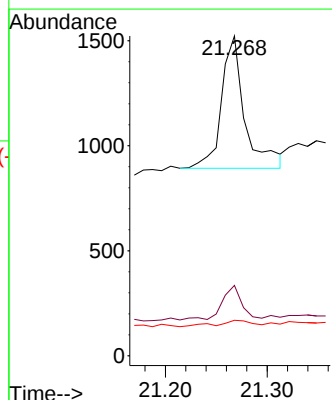
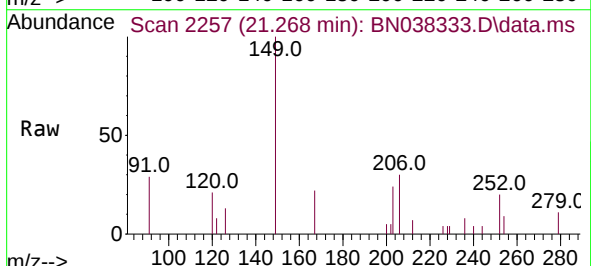
Tgt Ion:149 Resp: 1001

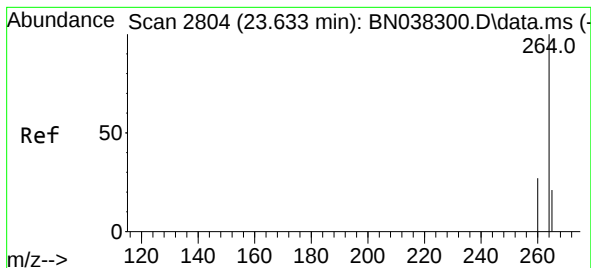
Ion Ratio Lower Upper

149 100

167 22.1 21.4 32.0

279 7.0 2.4 3.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.630 min Scan# 2804

Delta R.T. -0.003 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325DL

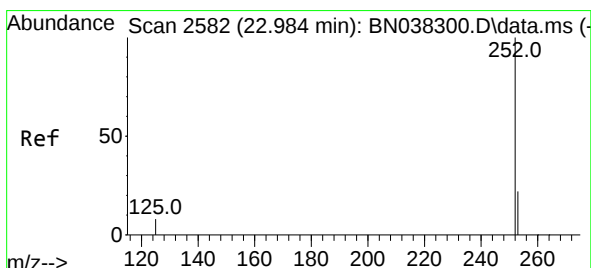
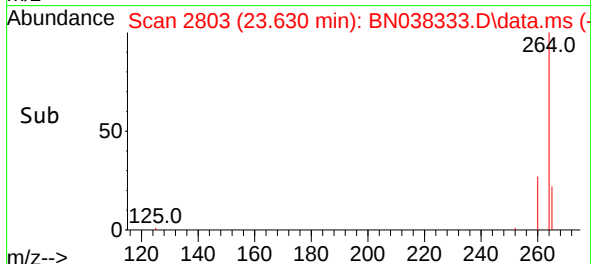
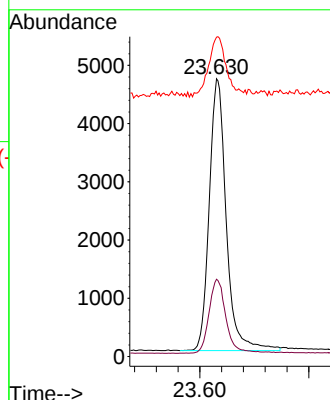
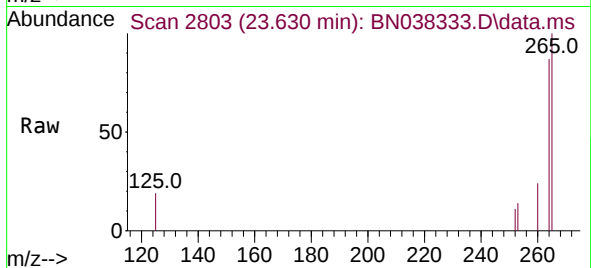
Tgt Ion:264 Resp: 10159

Ion Ratio Lower Upper

264 100

260 27.8 22.2 33.2

265 115.0 80.2 120.2



#38

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 22.987 min Scan# 2583

Delta R.T. -0.003 min

Lab File: BN038333.D

Acq: 12 Dec 2025 01:49

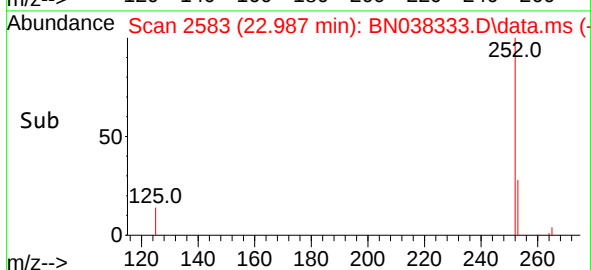
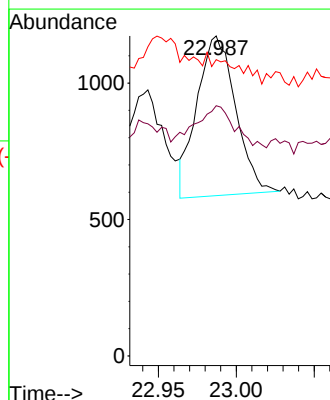
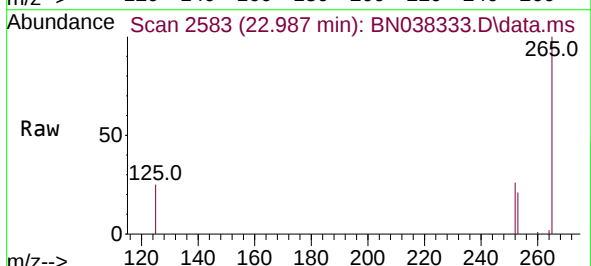
Tgt Ion:252 Resp: 1009

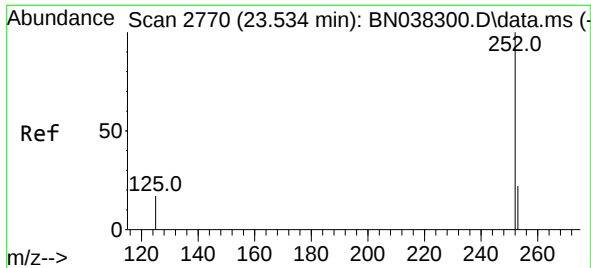
Ion Ratio Lower Upper

252 100

253 78.2 21.4 32.0#

125 92.6 16.2 24.2#





#39

Benzo(a)pyrene

Concen: 0.020 ng

RT: 23.534 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038333.D

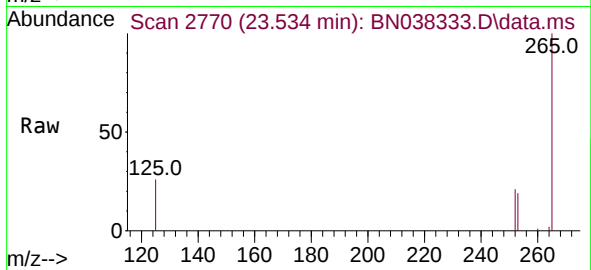
Acq: 12 Dec 2025 01:49

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325DL



Tgt Ion:252 Resp: 766

Ion Ratio Lower Upper

252 100

253 92.8 23.3 34.9#

125 126.8 22.4 33.6#

