

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038373.D
 Acq On : 13 Dec 2025 05:29
 Operator : RC/JU
 Sample : Q3839-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

Quant Time: Dec 13 06:07:56 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)

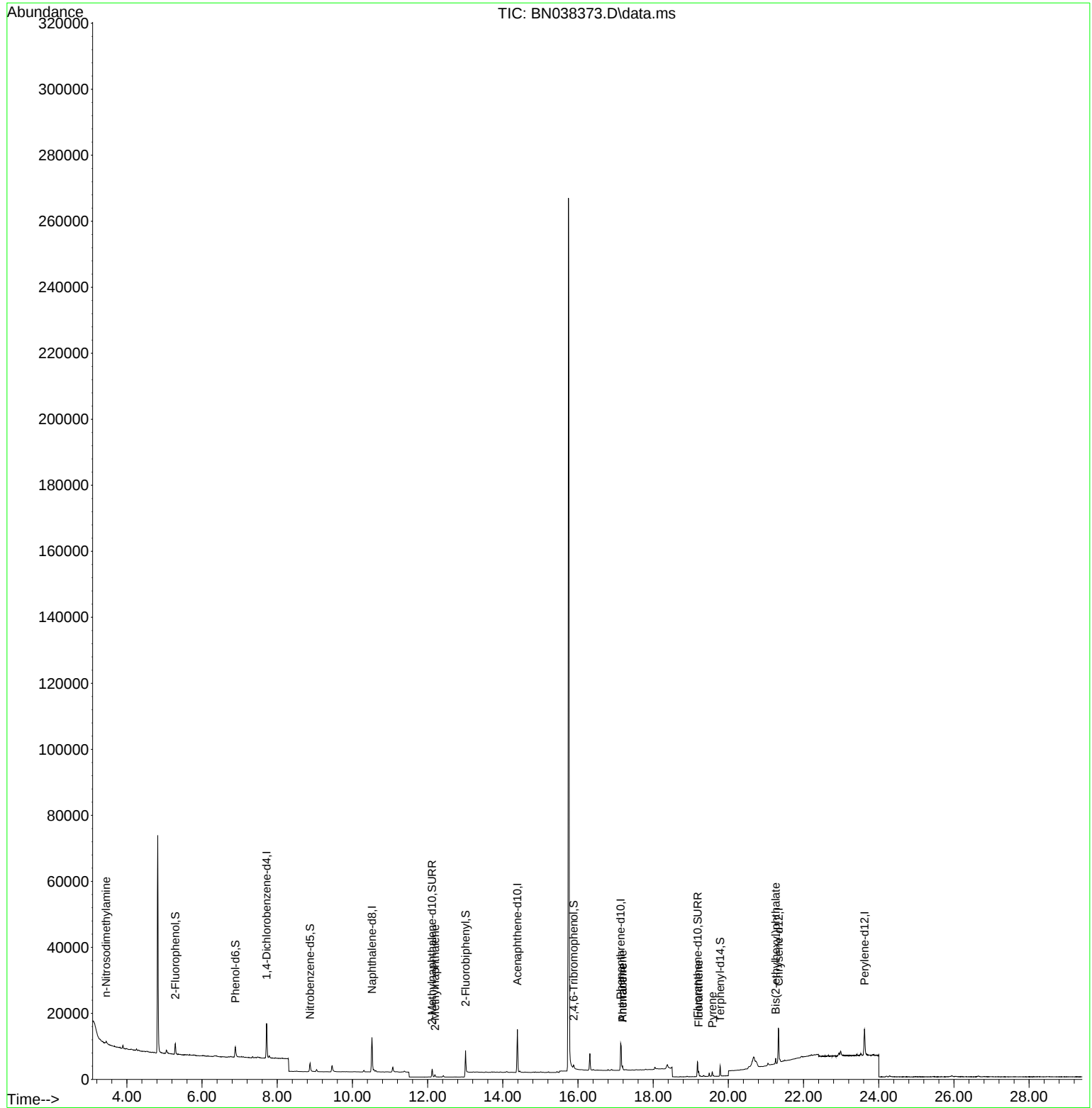
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5356	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14057	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7269	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12780	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	10483	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	11023	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2702	0.203	ng	0.00
5) Phenol-d6	6.887	99	3175	0.200	ng	0.00
8) Nitrobenzene-d5	8.875	82	2364	0.199	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	3517	0.177	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	573	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.009	172	6680	0.191	ng	0.00
27) Fluoranthene-d10	19.183	212	4970	0.157	ng	0.00
31) Terphenyl-d14	19.782	244	2849	0.122	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.449	42	206	0.027	ng	# 1
12) 2-Methylnaphthalene	12.197	142	546	0.021	ng	# 85
25) Phenanthrene	17.186	178	1263	0.028	ng	# 97
26) Anthracene	17.186	178	1263	0.033	ng	97
28) Fluoranthene	19.211	202	1321	0.028	ng	# 96
30) Pyrene	19.573	202	1259	0.024	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	1550	0.070	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038373.D
Acq On : 13 Dec 2025 05:29
Operator : RC/JU
Sample : Q3839-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS2

Quant Time: Dec 13 06:07:56 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

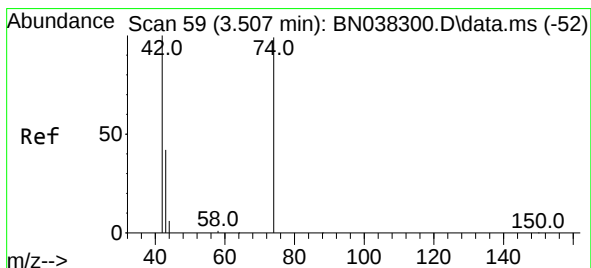
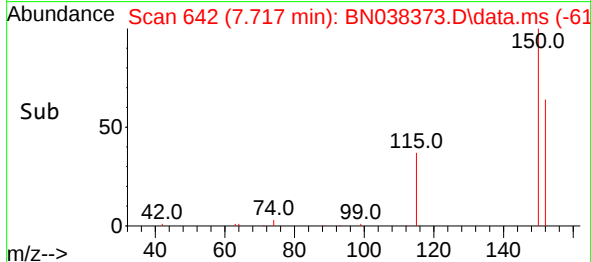
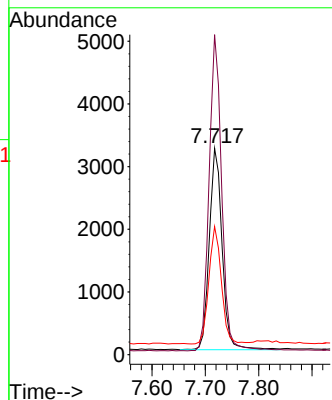
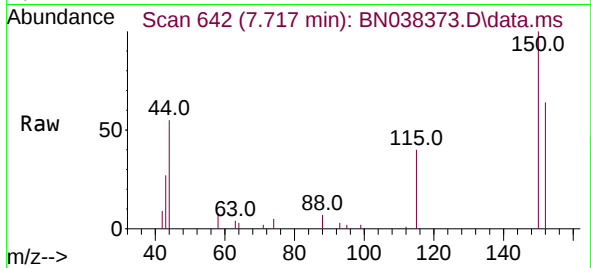




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN038373.D
 Acq: 13 Dec 2025 05:29

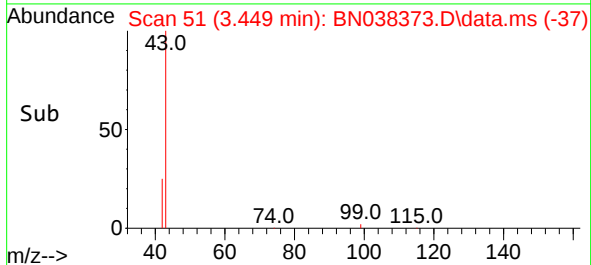
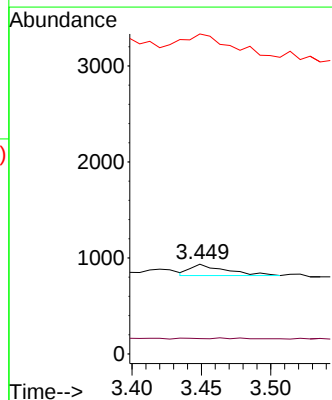
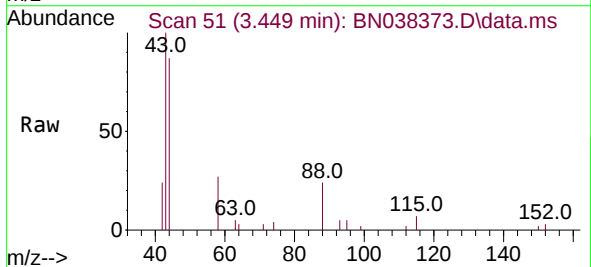
Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

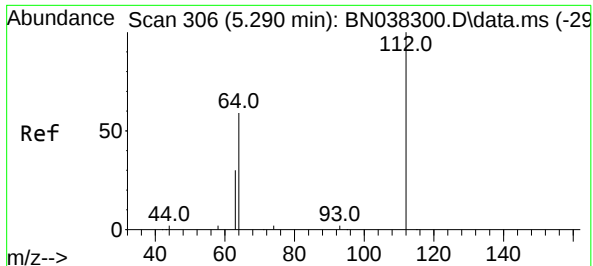
Tgt Ion:152 Resp: 5356
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.4 183.6
 115 62.1 47.3 70.9



#3
 n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.449 min Scan# 51
 Delta R.T. -0.050 min
 Lab File: BN038373.D
 Acq: 13 Dec 2025 05:29

Tgt Ion: 42 Resp: 206
 Ion Ratio Lower Upper
 42 100
 74 6.3 95.3 142.9#
 44 277.2 7.9 11.9#

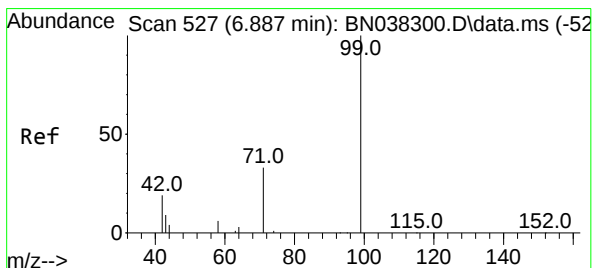
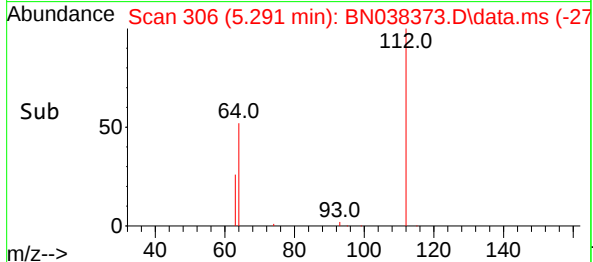
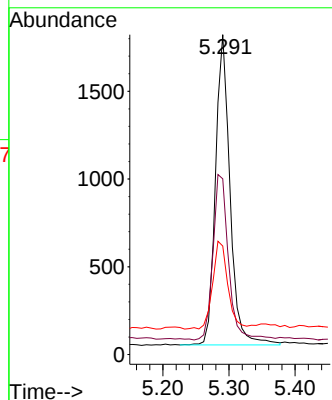
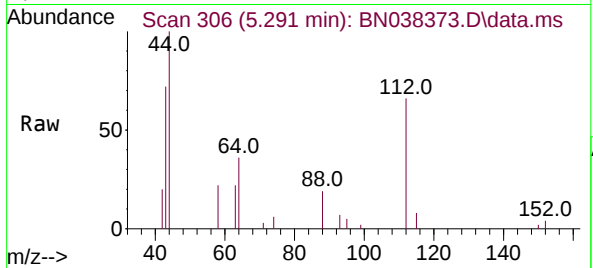




#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

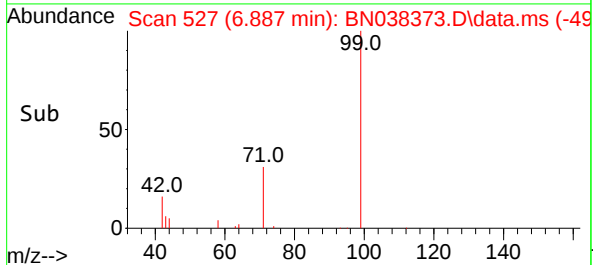
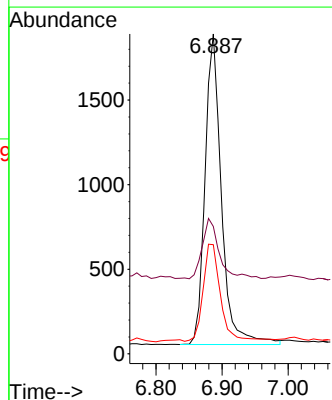
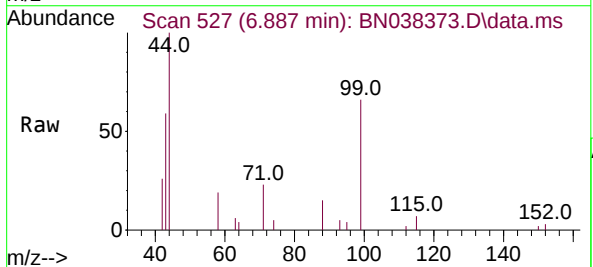
Instrument :
BNA_N
ClientSampleId :
C0AS2

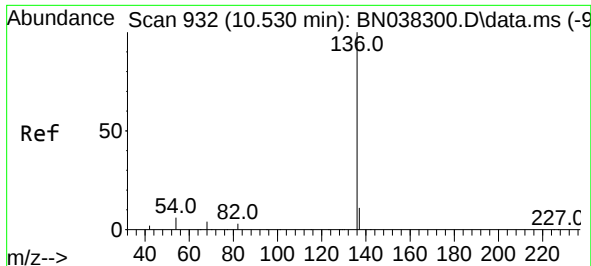
Tgt Ion:112 Resp: 2702
Ion Ratio Lower Upper
112 100
64 57.3 44.4 66.6
63 29.0 23.4 35.0



#5
Phenol-d6
Concen: 0.200 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Tgt Ion: 99 Resp: 3175
Ion Ratio Lower Upper
99 100
42 19.9 16.5 24.7
71 33.3 24.9 37.3

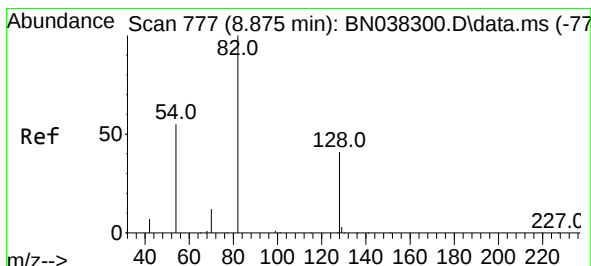
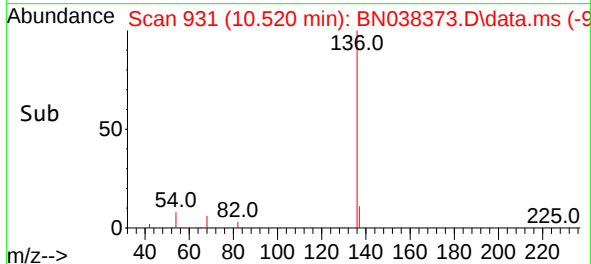
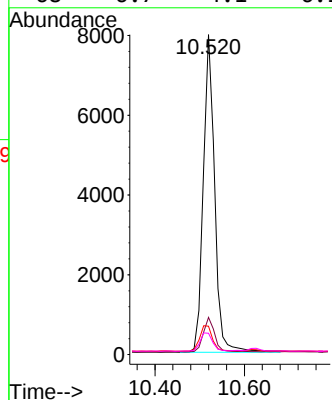
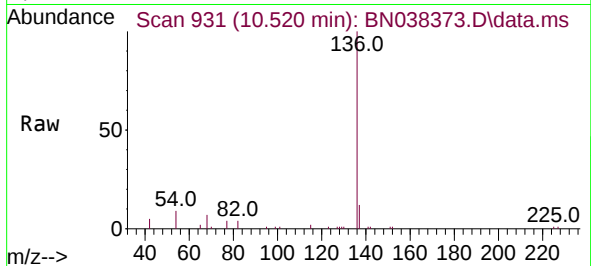




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

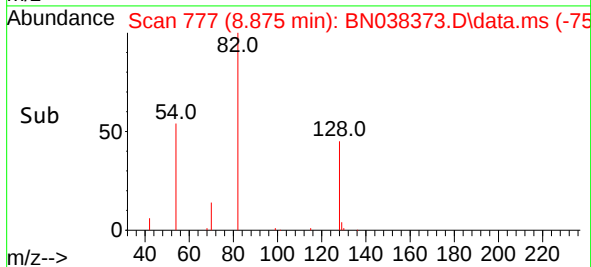
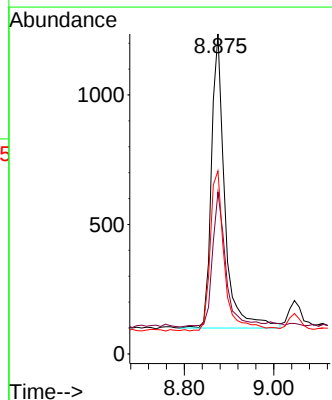
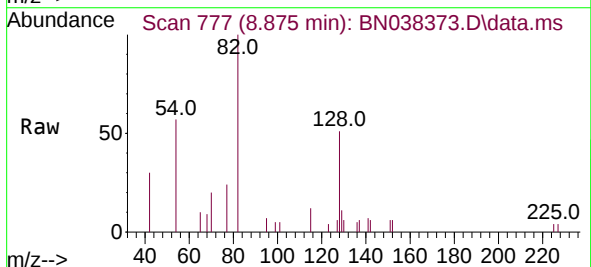
Instrument :
BNA_N
ClientSampleId :
C0AS2

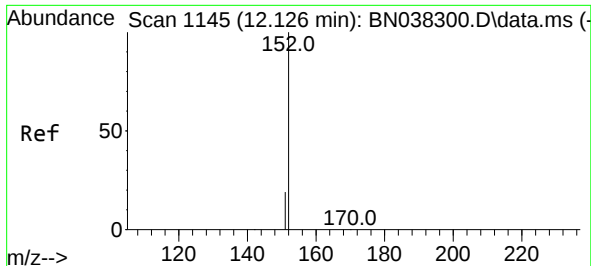
Tgt Ion:	136	Resp:	14057
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.9	5.2	7.8#
68	6.7	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.199 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Tgt Ion:	82	Resp:	2364
Ion Ratio	Lower	Upper	
82	100		
128	50.6	34.0	51.0
54	57.2	44.4	66.6

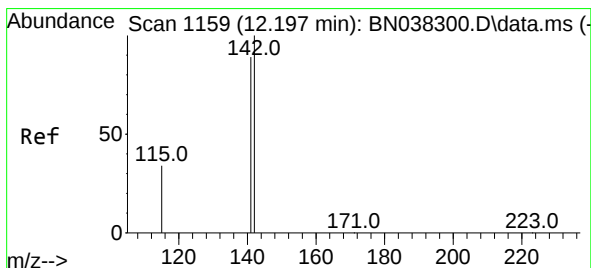
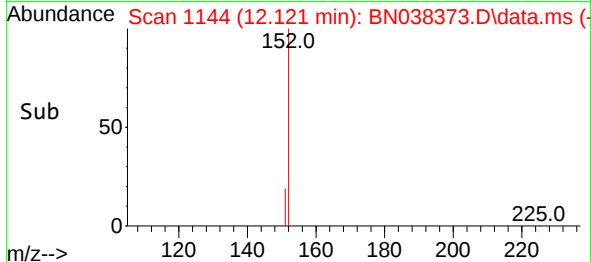
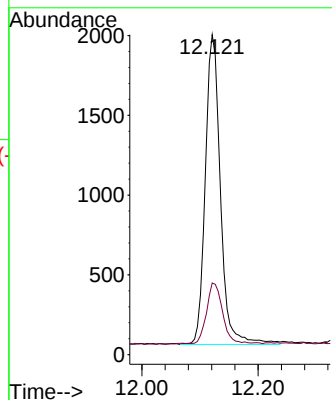
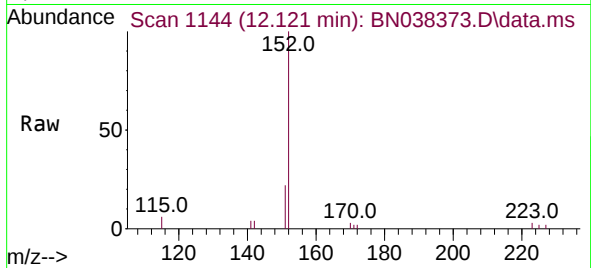




#11
2-Methylnaphthalene-d10
Concen: 0.177 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

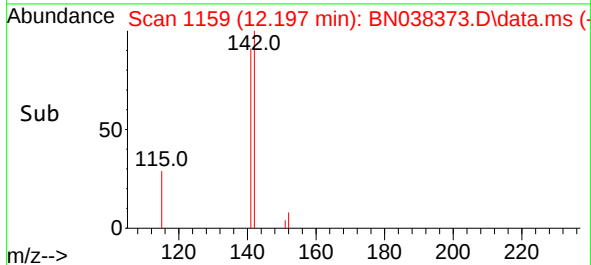
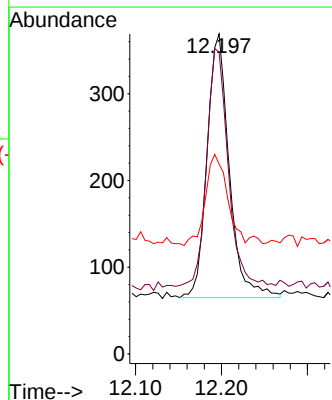
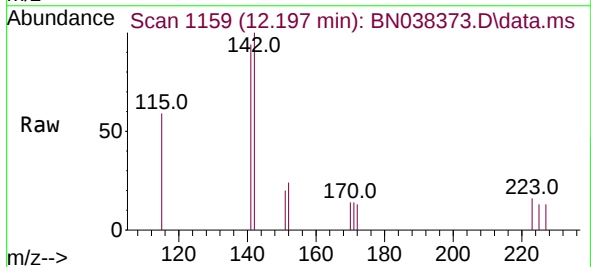
Instrument :
BNA_N
ClientSampleId :
C0AS2

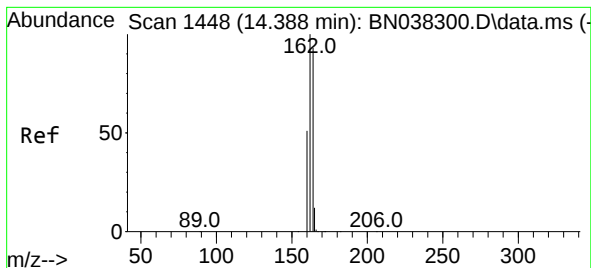
Tgt Ion:152 Resp: 3517
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Tgt Ion:142 Resp: 546
Ion Ratio Lower Upper
142 100
141 94.3 71.4 107.2
115 59.3 28.4 42.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.388 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

Instrument :

BNA_N

ClientSampleId :

C0AS2

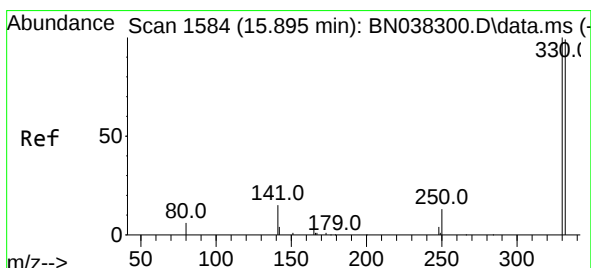
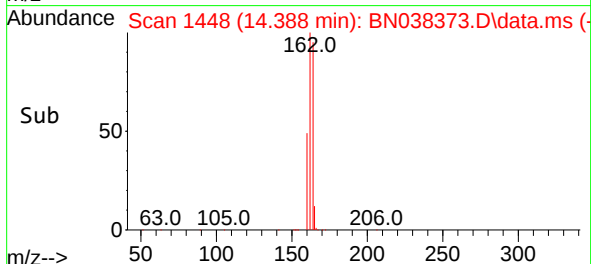
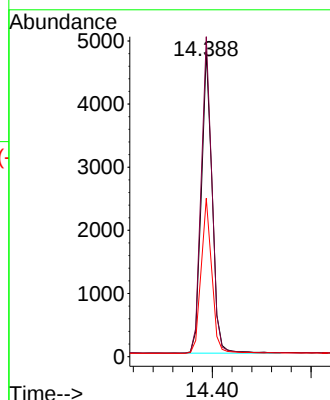
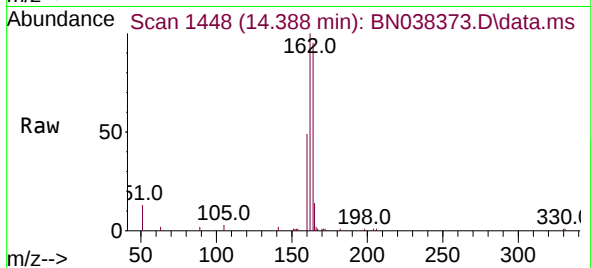
Tgt Ion:164 Resp: 7269

Ion Ratio Lower Upper

164 100

162 104.9 86.2 129.4

160 51.9 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.178 ng

RT: 15.883 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

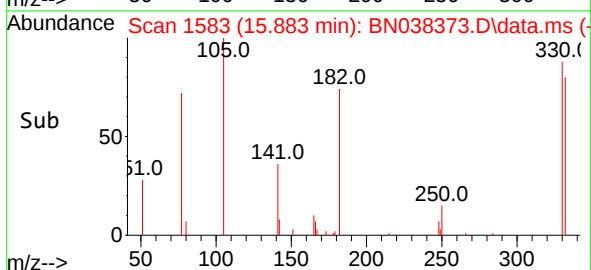
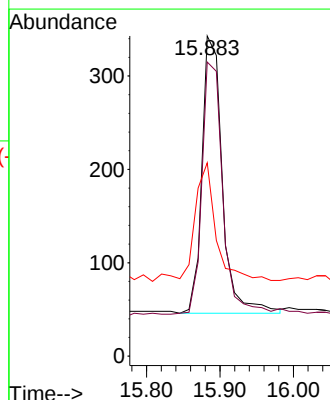
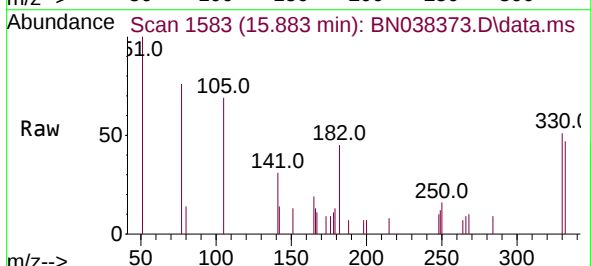
Tgt Ion:330 Resp: 573

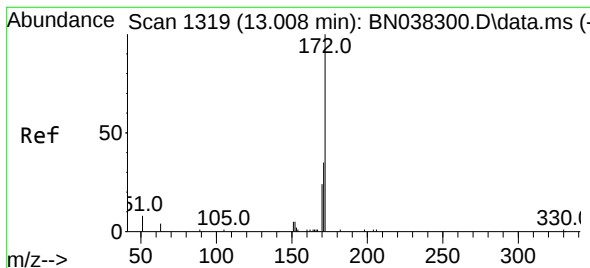
Ion Ratio Lower Upper

330 100

332 94.1 75.8 113.6

141 45.5 31.8 47.8





#15

2-Fluorobiphenyl

Concen: 0.191 ng

RT: 13.009 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

Instrument :

BNA_N

ClientSampleId :

C0AS2

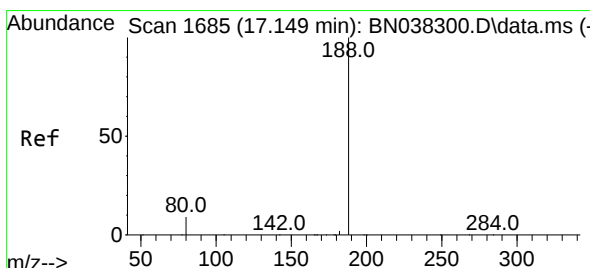
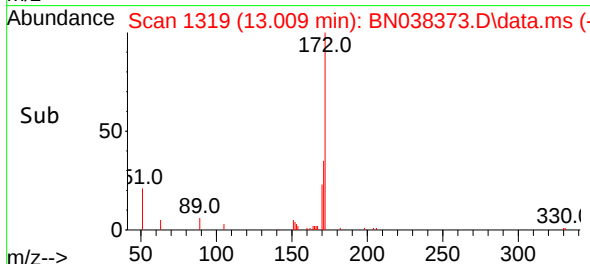
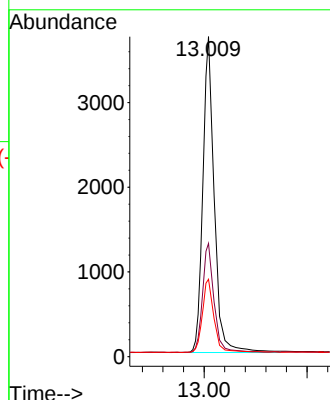
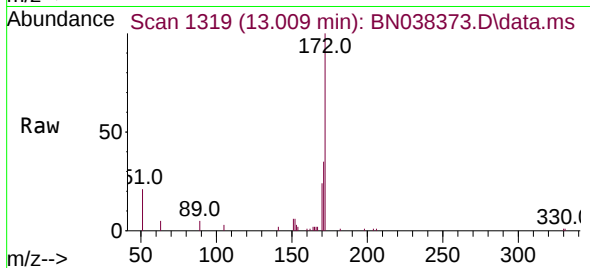
Tgt Ion:172 Resp: 6680

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.2 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.136 min Scan# 1684

Delta R.T. -0.012 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

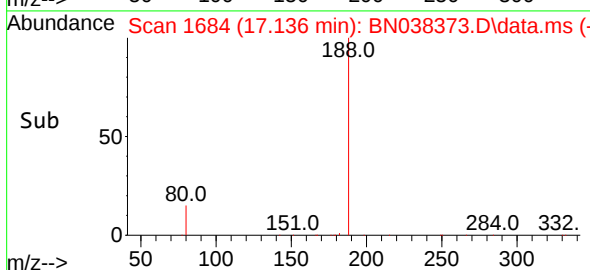
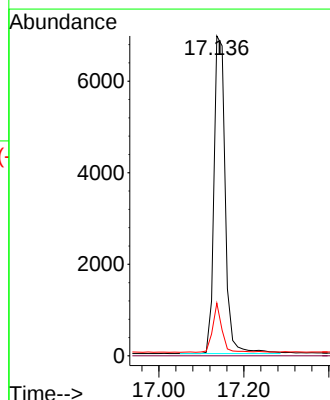
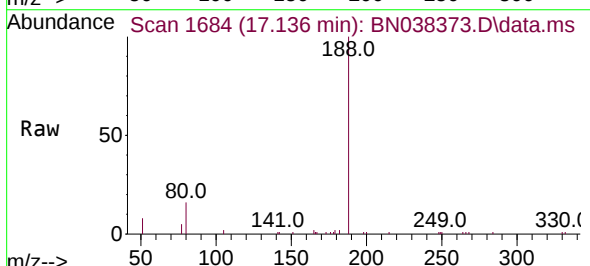
Tgt Ion:188 Resp: 12780

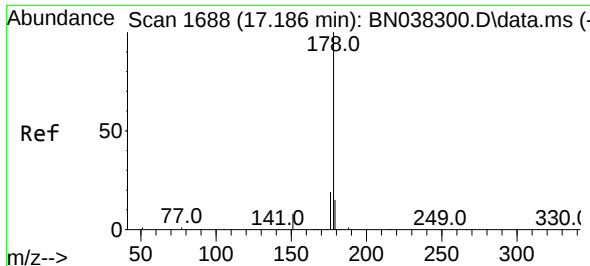
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.5 7.4 11.0#

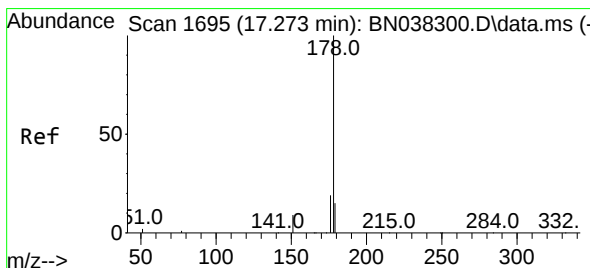
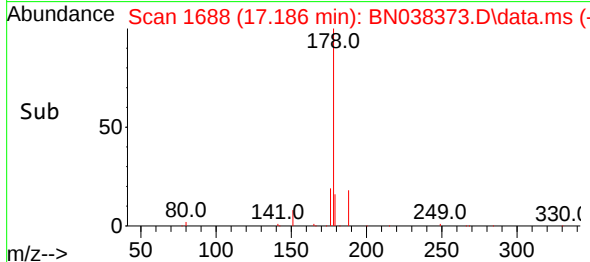
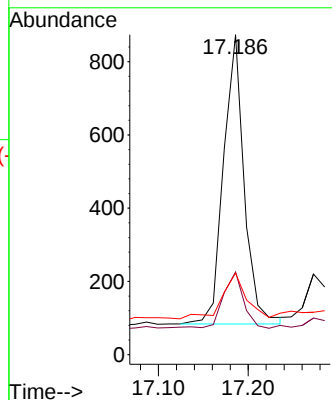
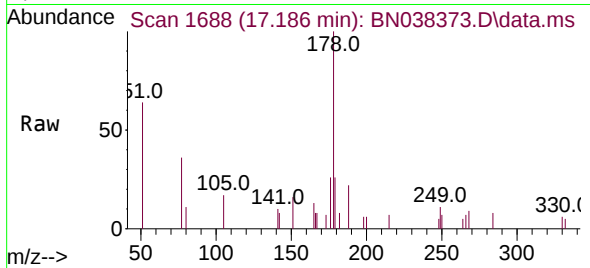




#25
Phenanthrene
Concen: 0.028 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

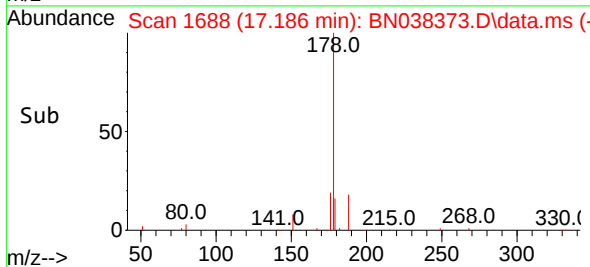
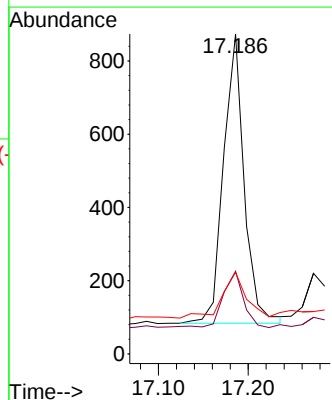
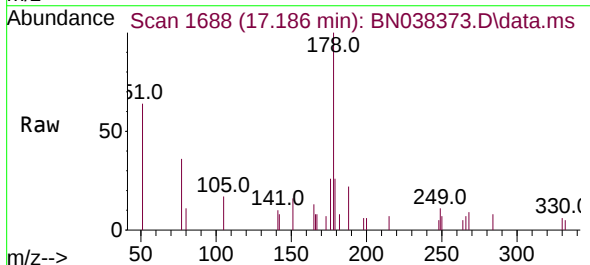
Instrument :
BNA_N
ClientSampleId :
C0AS2

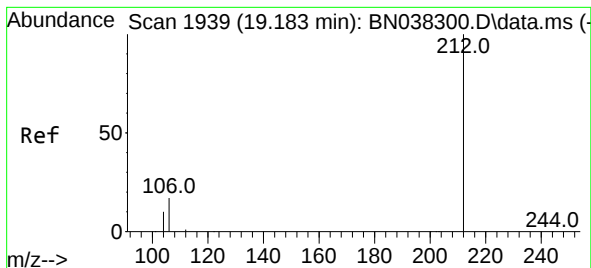
Tgt Ion:	178	Resp:	1263
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	18.3	12.2	18.2



#26
Anthracene
Concen: 0.033 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.099 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Tgt Ion:	178	Resp:	1263
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	17.2	12.0	18.0





#27

Fluoranthene-d10

Concen: 0.157 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

Instrument :

BNA_N

ClientSampleId :

C0AS2

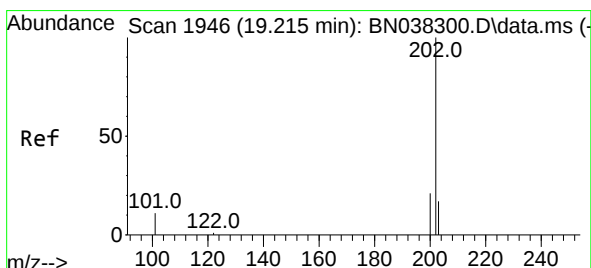
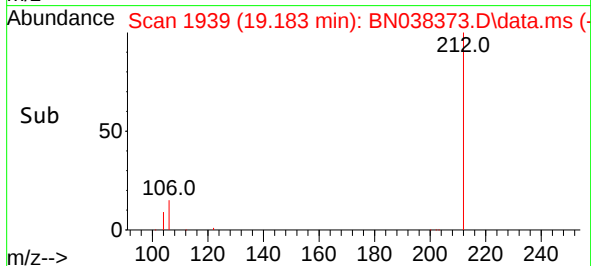
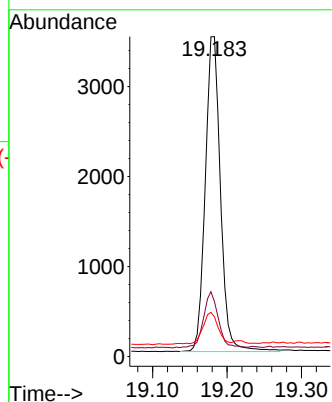
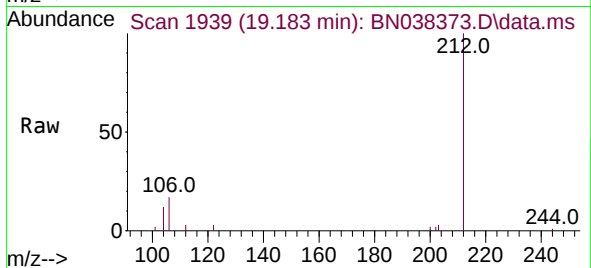
Tgt Ion:212 Resp: 4970

Ion Ratio Lower Upper

212 100

106 17.4 13.7 20.5

104 9.7 7.8 11.8



#28

Fluoranthene

Concen: 0.028 ng

RT: 19.211 min Scan# 1945

Delta R.T. -0.009 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

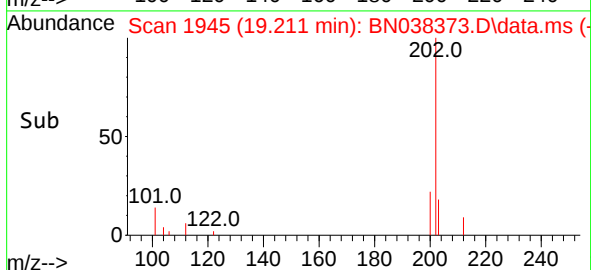
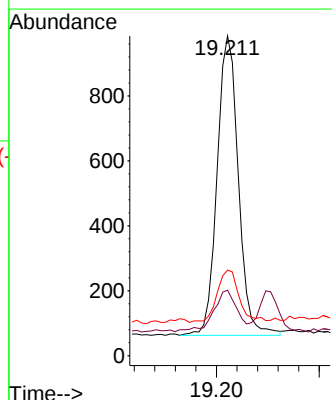
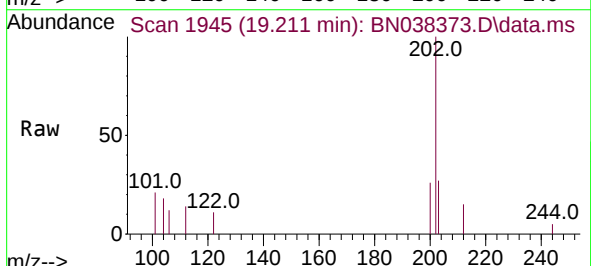
Tgt Ion:202 Resp: 1321

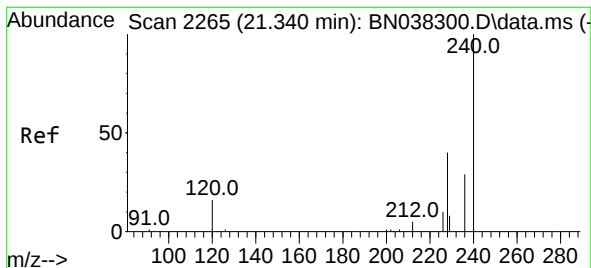
Ion Ratio Lower Upper

202 100

101 15.2 9.6 14.4#

203 17.0 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

Instrument :

BNA_N

ClientSampleId :

C0AS2

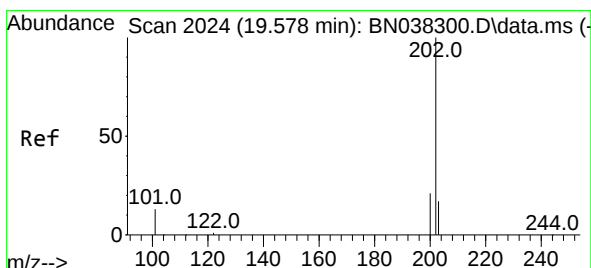
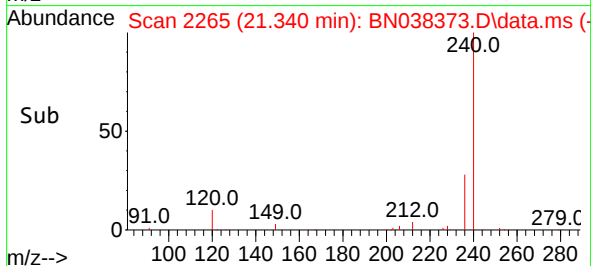
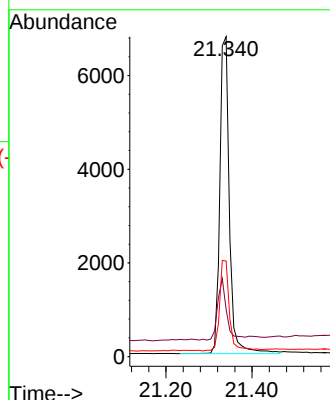
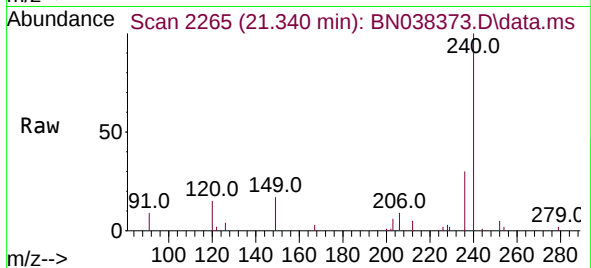
Tgt Ion:240 Resp: 10483

Ion Ratio Lower Upper

240 100

120 14.8 15.4 23.2#

236 29.9 23.9 35.9



#30

Pyrene

Concen: 0.024 ng

RT: 19.573 min Scan# 2023

Delta R.T. -0.009 min

Lab File: BN038373.D

Acq: 13 Dec 2025 05:29

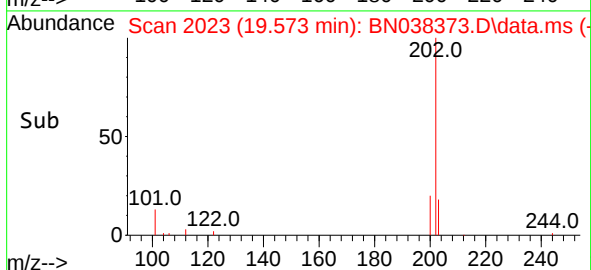
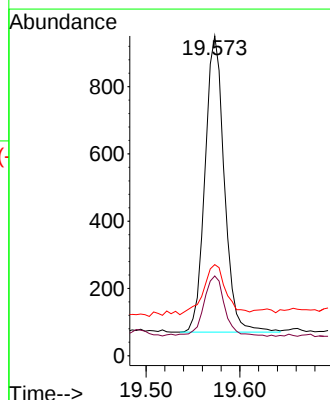
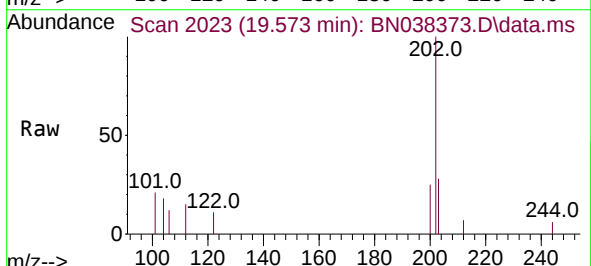
Tgt Ion:202 Resp: 1259

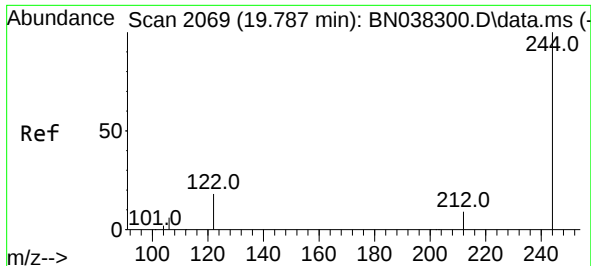
Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

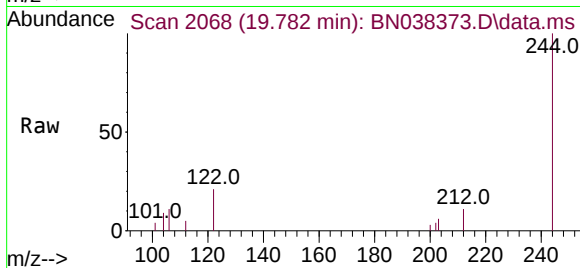
203 19.9 14.2 21.2



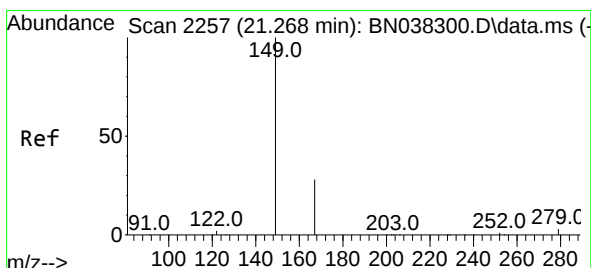
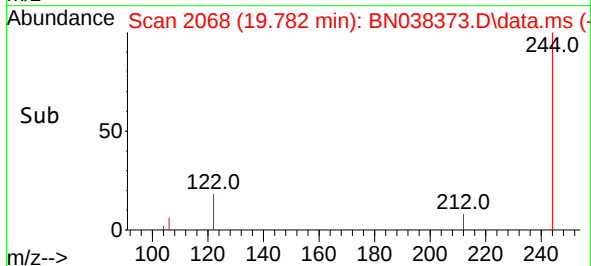
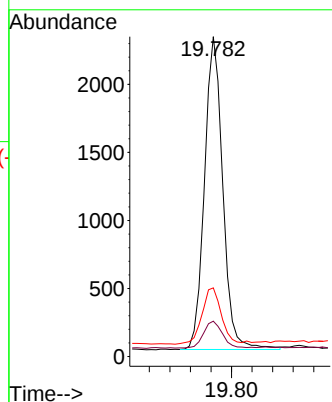


#31
 Terphenyl-d14
 Concen: 0.122 ng
 RT: 19.782 min Scan# 2068
 Delta R.T. -0.009 min
 Lab File: BN038373.D
 Acq: 13 Dec 2025 05:29

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

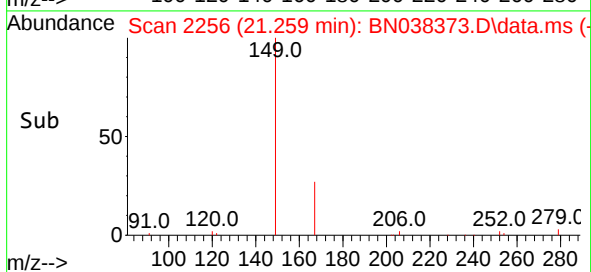
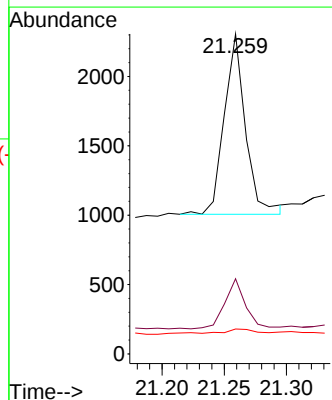
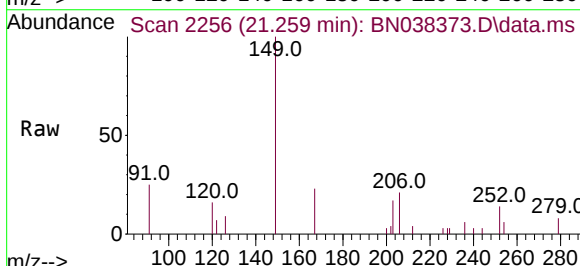


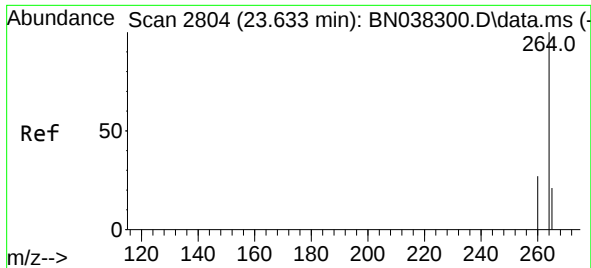
Tgt Ion:244 Resp: 2849
 Ion Ratio Lower Upper
 244 100
 212 11.1 7.9 11.9
 122 21.4 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038373.D
 Acq: 13 Dec 2025 05:29

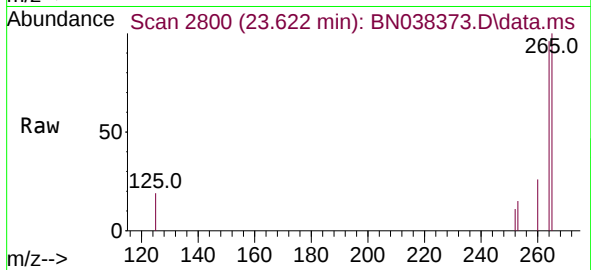
Tgt Ion:149 Resp: 1550
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.0
 279 2.5 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2



Tgt Ion:264 Resp: 11023

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.2	33.2
265	104.6	80.2	120.2

