

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038410.D
 Acq On : 15 Dec 2025 18:21
 Operator : RC/JU
 Sample : Q3839-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

Quant Time: Dec 15 23:56:46 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)

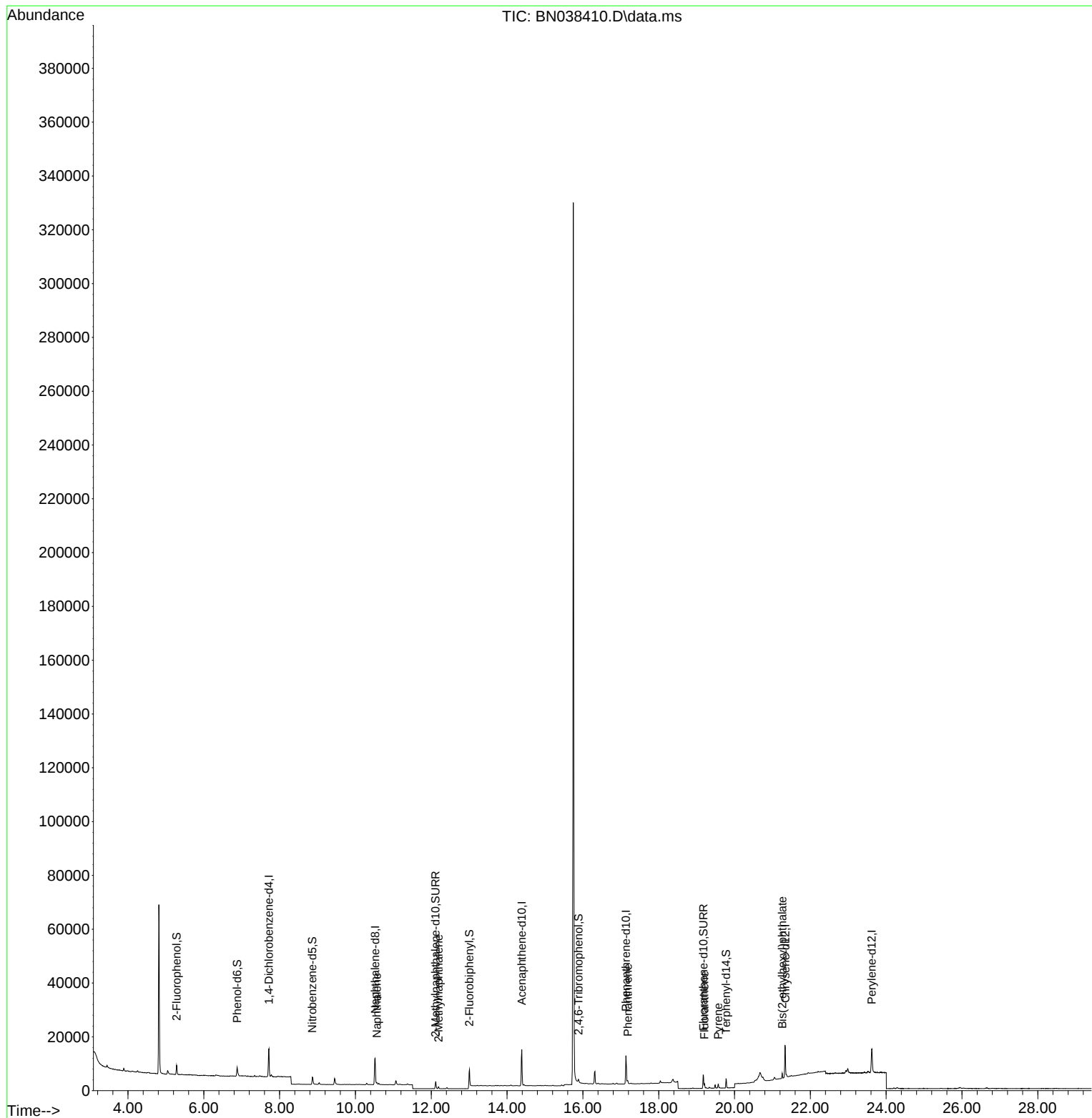
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5253	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14651	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	7781	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14002	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	11649	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	12316	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2733	0.209	ng	0.00
5) Phenol-d6	6.879	99	3280	0.211	ng	0.00
8) Nitrobenzene-d5	8.864	82	2563	0.207	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	3721	0.180	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	662	0.192	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	7910	0.211	ng	0.00
27) Fluoranthene-d10	19.178	212	5595	0.162	ng	0.00
31) Terphenyl-d14	19.777	244	3254	0.125	ng	-0.01
Target Compounds						
						Qvalue
9) Naphthalene	10.562	128	879	0.020	ng	# 70
12) 2-Methylnaphthalene	12.192	142	570	0.021	ng	# 87
25) Phenanthrene	17.186	178	1368	0.028	ng	# 92
28) Fluoranthene	19.206	202	1467	0.028	ng	# 95
30) Pyrene	19.568	202	1396	0.024	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	1818	0.074	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038410.D
Acq On : 15 Dec 2025 18:21
Operator : RC/JU
Sample : Q3839-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS2

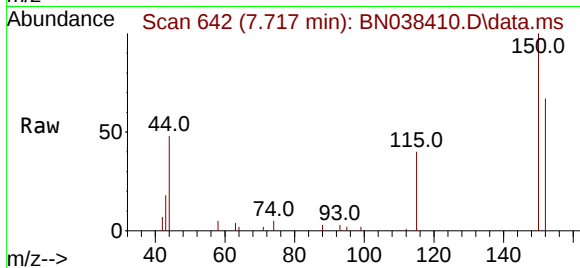
Quant Time: Dec 15 23:56:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



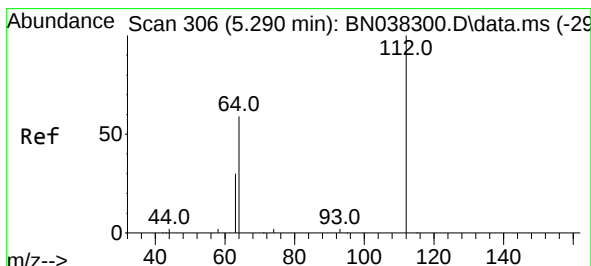
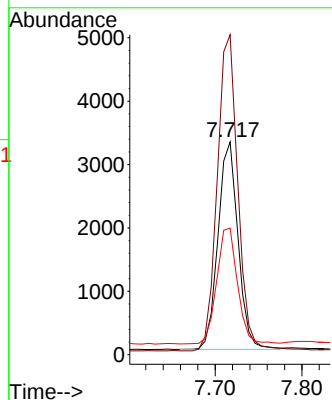
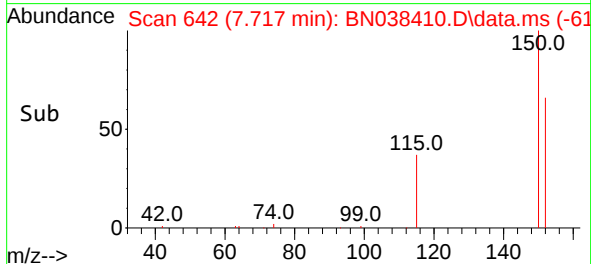


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Instrument :
BNA_N
ClientSampleId :
C0AS2

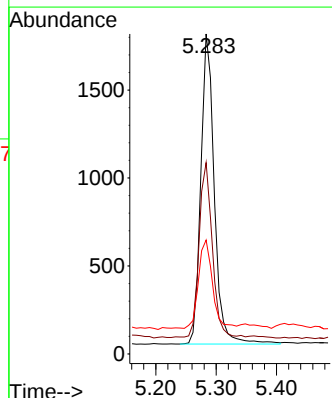
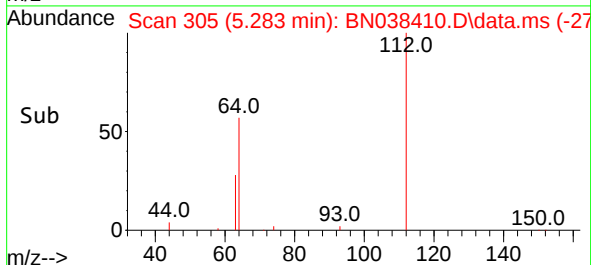
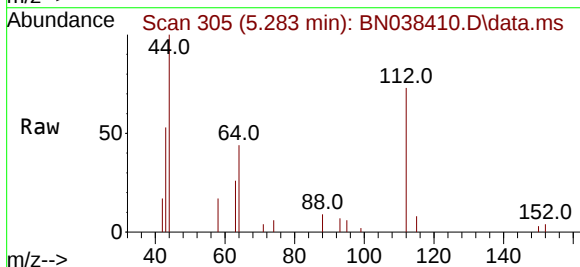


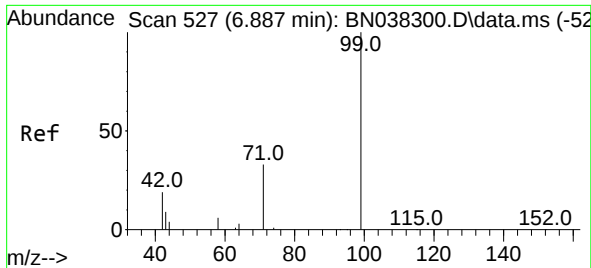
Tgt Ion:152 Resp: 5253
Ion Ratio Lower Upper
152 100
150 150.4 122.4 183.6
115 59.4 47.3 70.9



#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:112 Resp: 2733
Ion Ratio Lower Upper
112 100
64 55.5 44.4 66.6
63 29.5 23.4 35.0

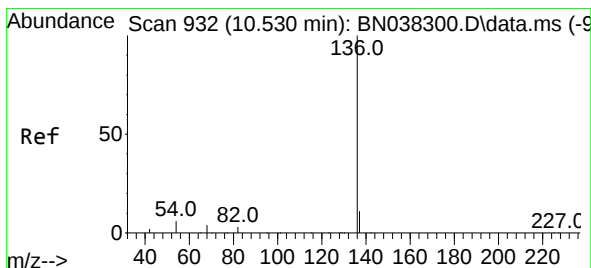
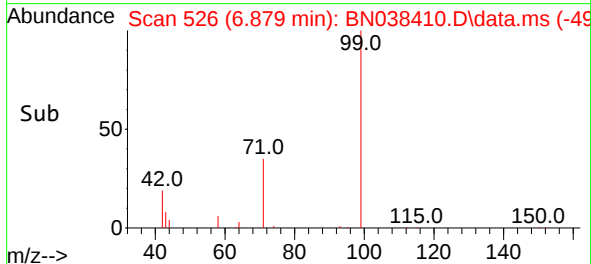
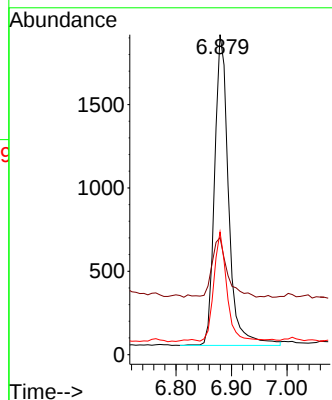
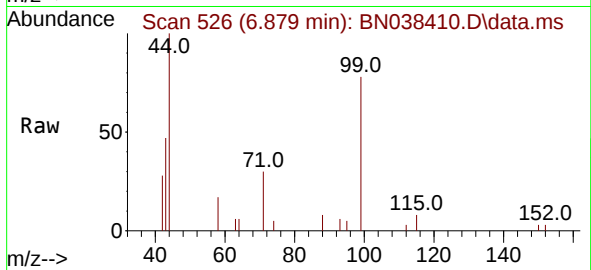




#5
Phenol-d6
Concen: 0.211 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

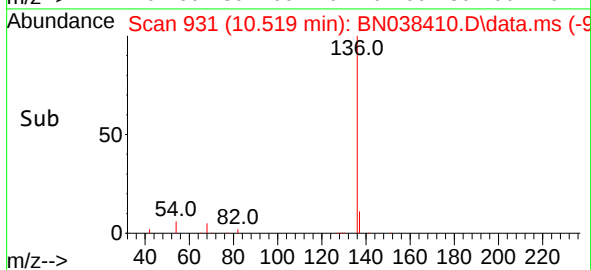
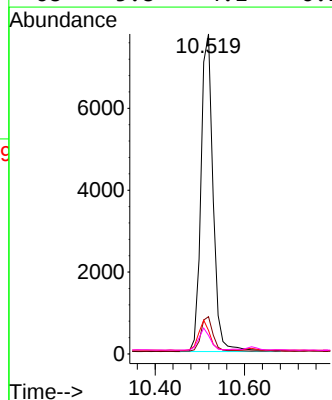
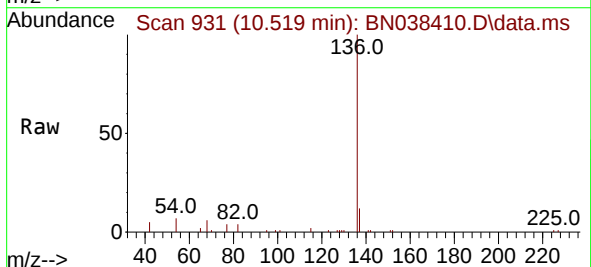
Instrument :
BNA_N
ClientSampleId :
C0AS2

Tgt Ion: 99 Resp: 3280
Ion Ratio Lower Upper
99 100
42 20.3 16.5 24.7
71 32.5 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion: 136 Resp: 14651
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.4 5.2 7.8
68 5.8 4.1 6.1

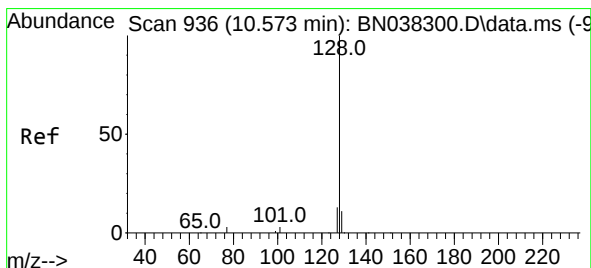
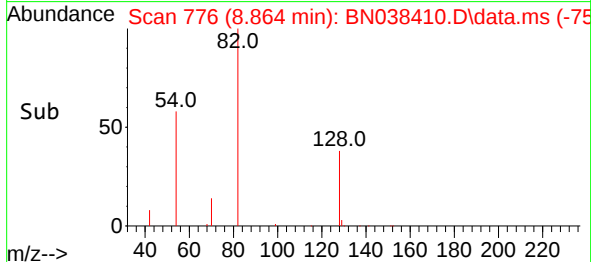
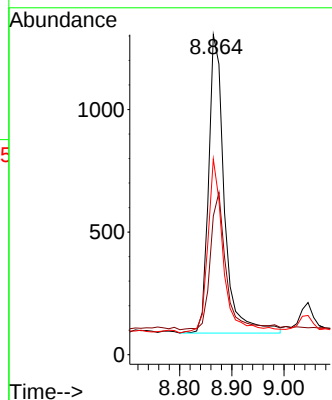
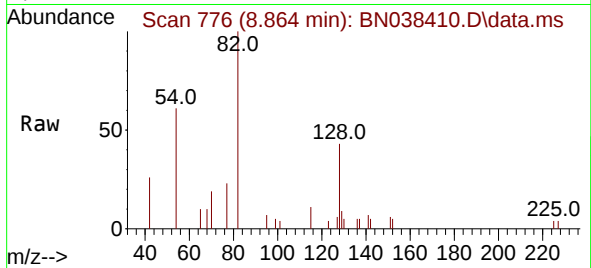




#8
 Nitrobenzene-d5
 Concen: 0.207 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038410.D
 Acq: 15 Dec 2025 18:21

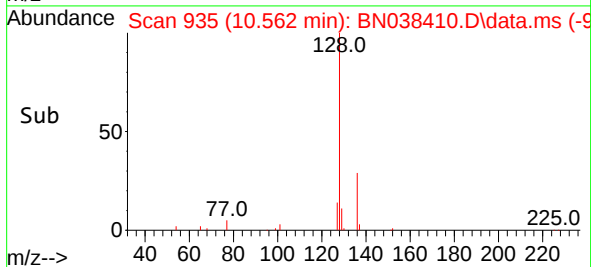
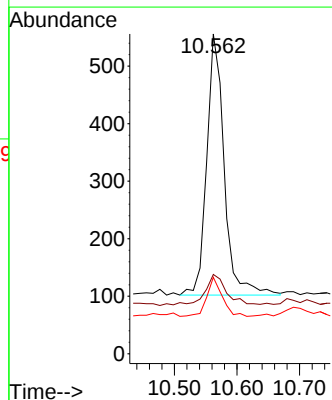
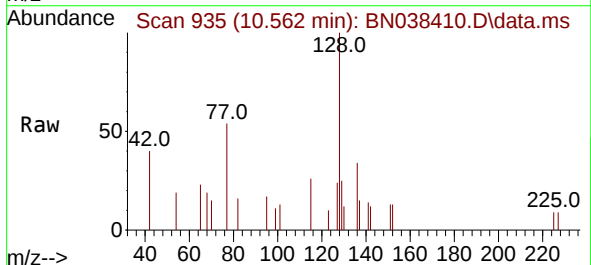
Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

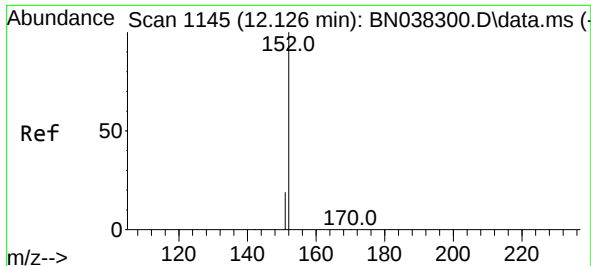
Tgt Ion: 82 Resp: 2563
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 61.1 44.4 66.6



#9
 Naphthalene
 Concen: 0.020 ng
 RT: 10.562 min Scan# 935
 Delta R.T. -0.011 min
 Lab File: BN038410.D
 Acq: 15 Dec 2025 18:21

Tgt Ion: 128 Resp: 879
 Ion Ratio Lower Upper
 128 100
 129 24.8 9.1 13.7#
 127 23.9 10.9 16.3#

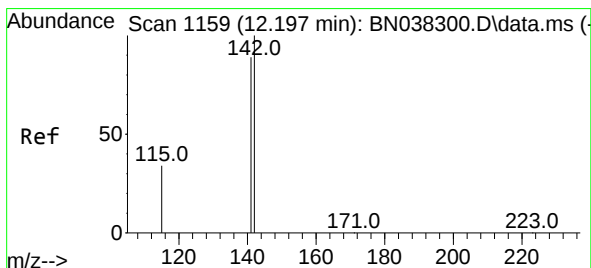
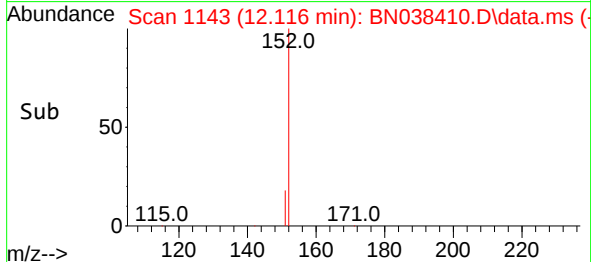
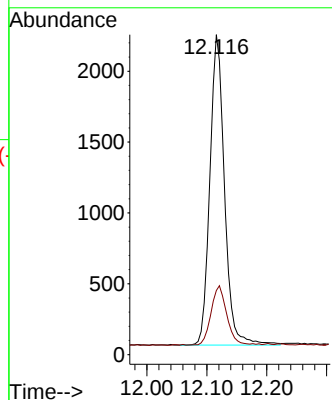
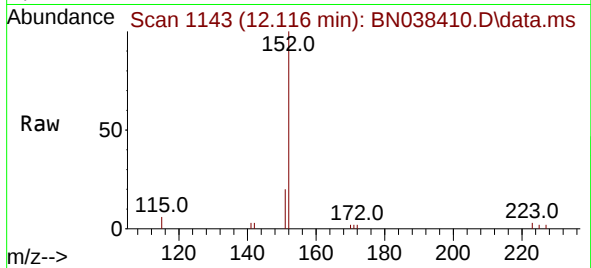




#11
2-Methylnaphthalene-d10
Concen: 0.180 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

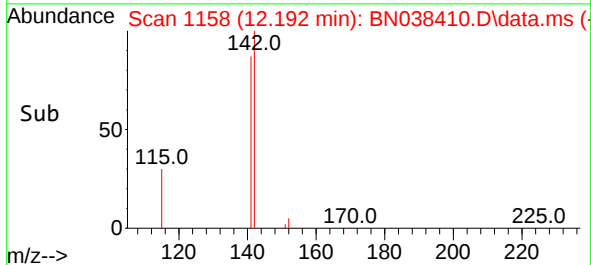
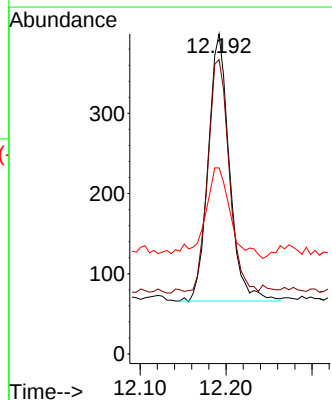
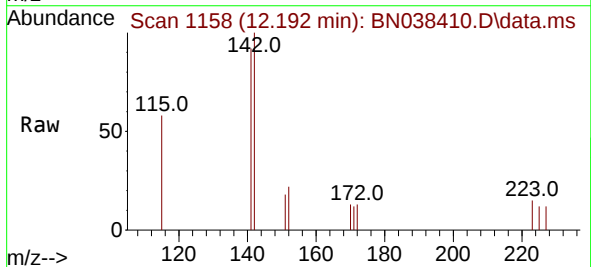
Instrument :
BNA_N
ClientSampleId :
C0AS2

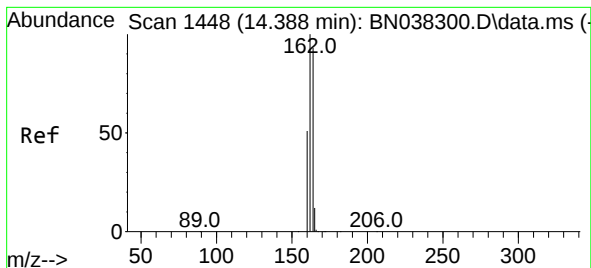
Tgt Ion:152 Resp: 3721
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:142 Resp: 570
Ion Ratio Lower Upper
142 100
141 92.0 71.4 107.2
115 58.1 28.4 42.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.387 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN038410.D

Acq: 15 Dec 2025 18:21

Instrument :

BNA_N

ClientSampleId :

C0AS2

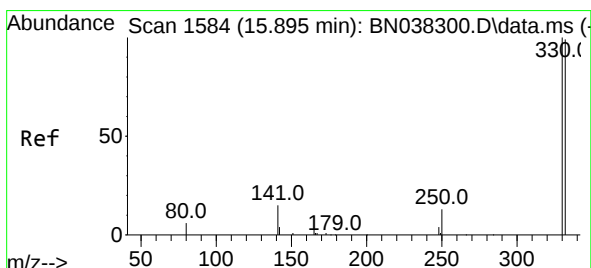
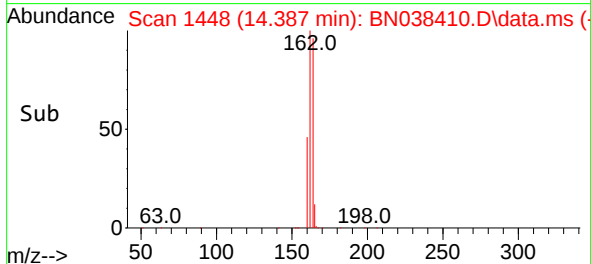
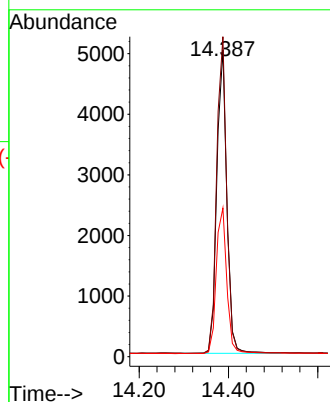
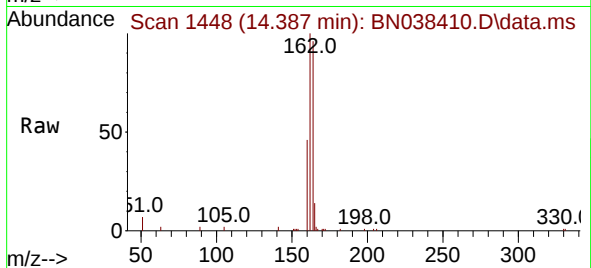
Tgt Ion:164 Resp: 7781

Ion Ratio Lower Upper

164 100

162 104.3 86.2 129.4

160 48.4 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.192 ng

RT: 15.882 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BN038410.D

Acq: 15 Dec 2025 18:21

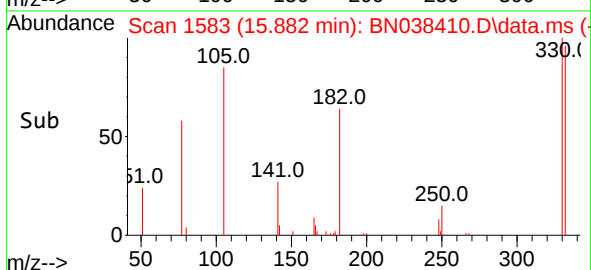
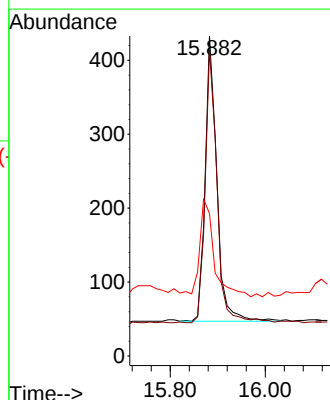
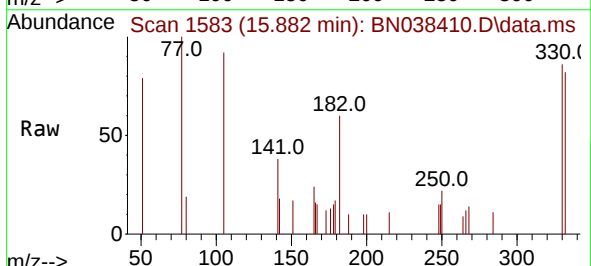
Tgt Ion:330 Resp: 662

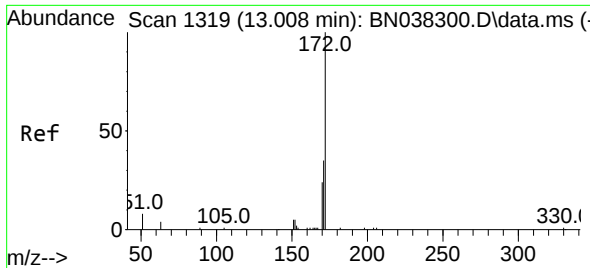
Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

141 42.4 31.8 47.8

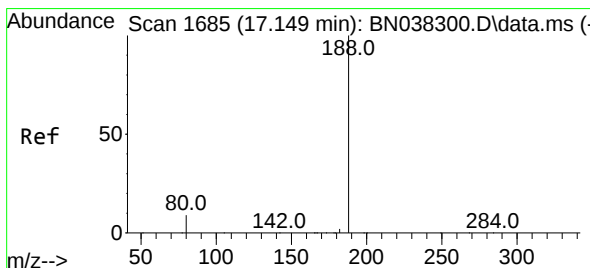
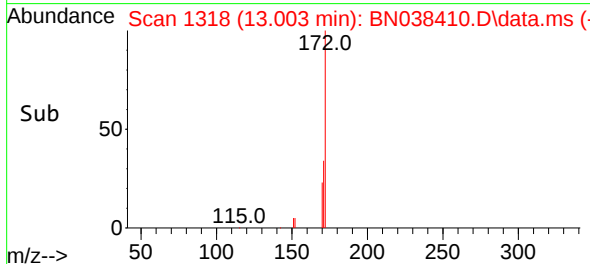
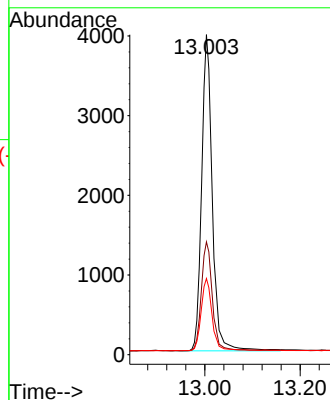
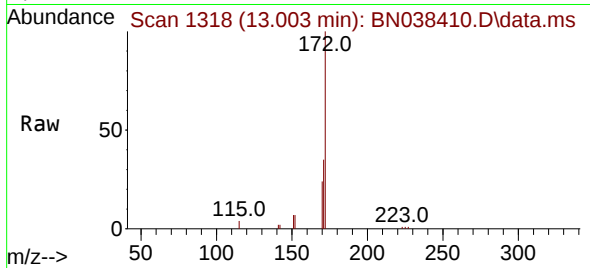




#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

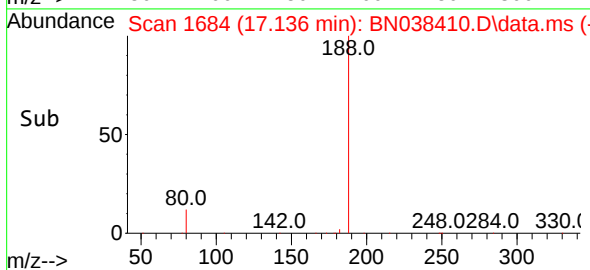
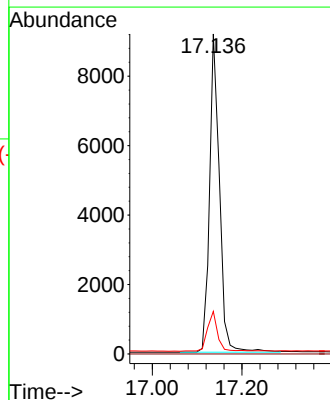
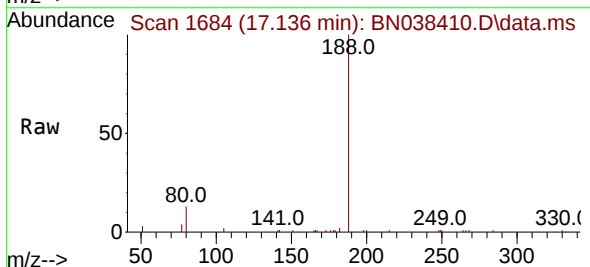
Instrument :
BNA_N
ClientSampleId :
C0AS2

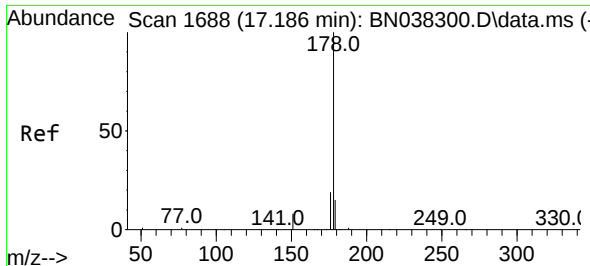
Tgt Ion:172 Resp: 7910
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:188 Resp: 14002
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 7.4 11.0#

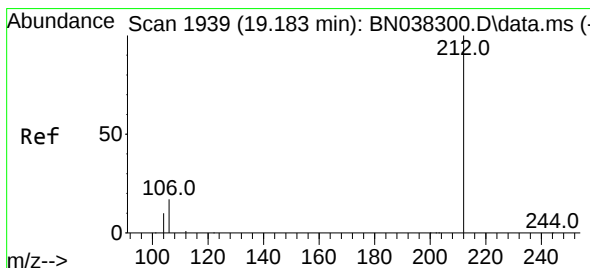
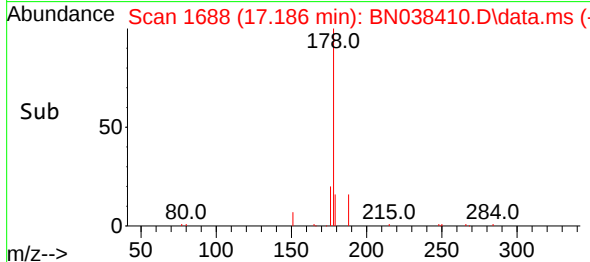
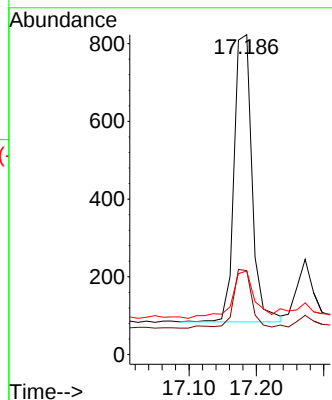
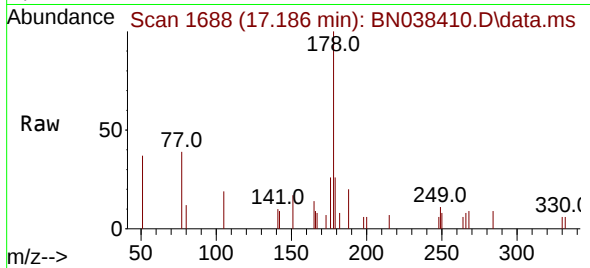




#25
Phenanthrene
Concen: 0.028 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

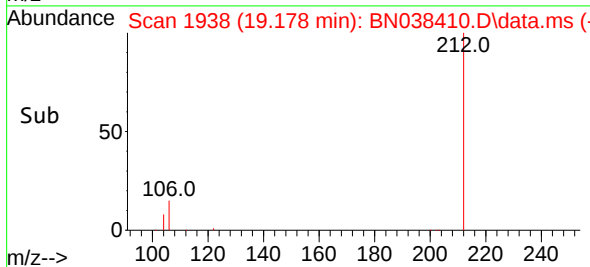
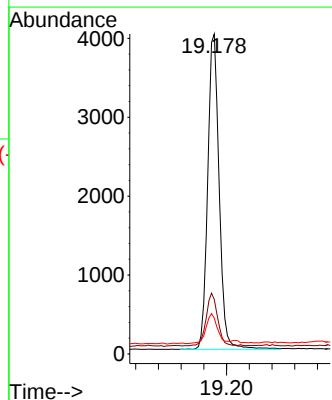
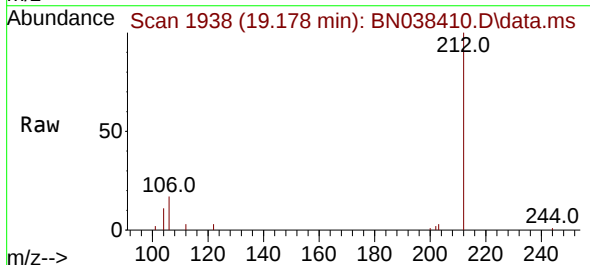
Instrument :
BNA_N
ClientSampleId :
C0AS2

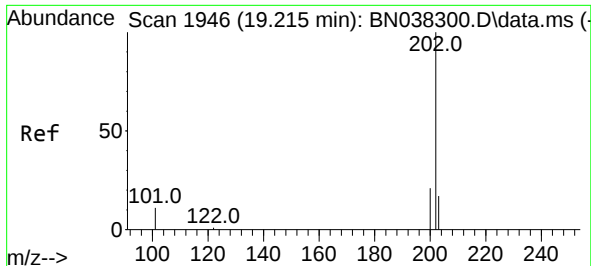
Tgt Ion:178 Resp: 1368
Ion Ratio Lower Upper
178 100
176 21.4 15.5 23.3
179 20.8 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.162 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:212 Resp: 5595
Ion Ratio Lower Upper
212 100
106 16.7 13.7 20.5
104 9.6 7.8 11.8

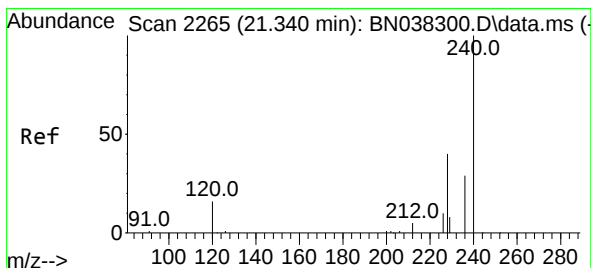
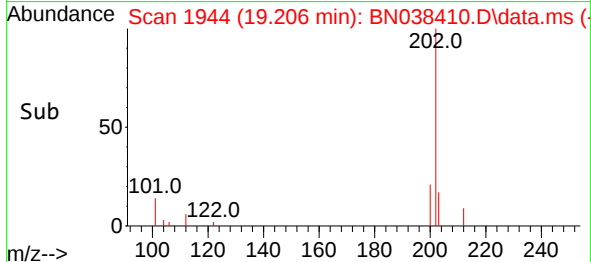
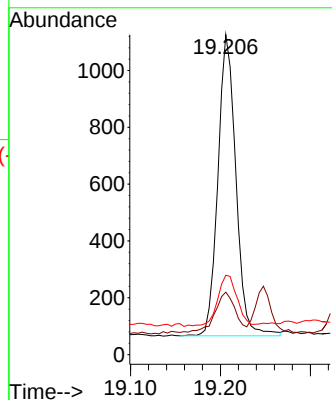
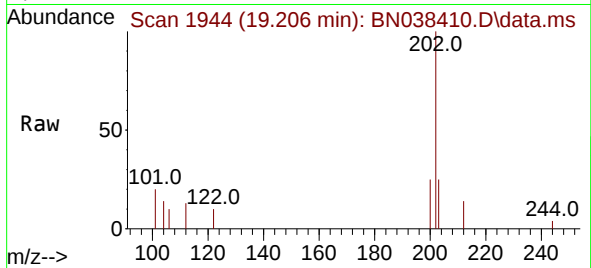




#28
Fluoranthene
Concen: 0.028 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

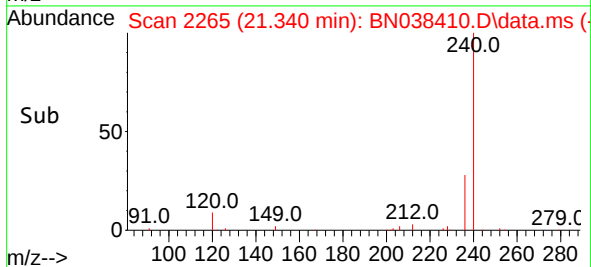
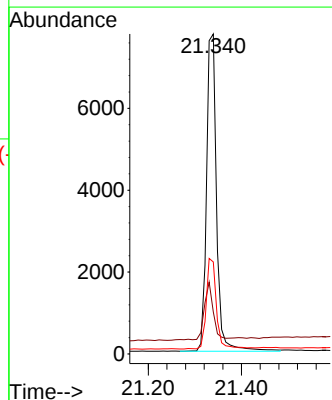
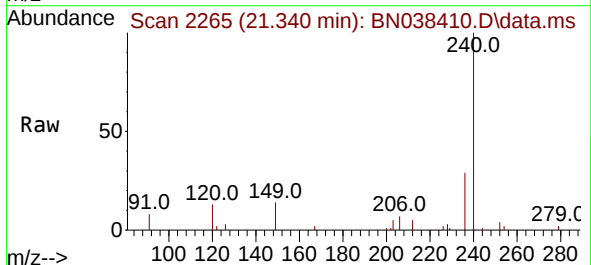
Instrument :
BNA_N
ClientSampleId :
C0AS2

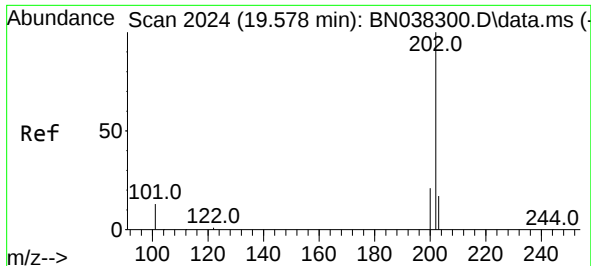
Tgt Ion:202 Resp: 1467
Ion Ratio Lower Upper
202 100
101 15.5 9.6 14.4#
203 17.7 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:240 Resp: 11649
Ion Ratio Lower Upper
240 100
120 13.1 15.4 23.2#
236 28.8 23.9 35.9

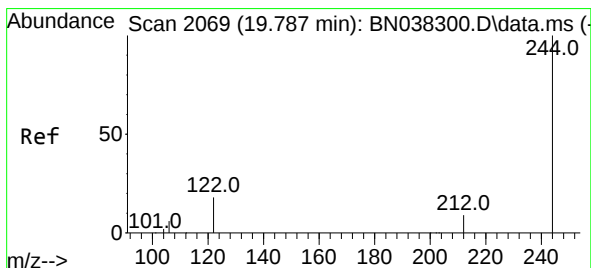
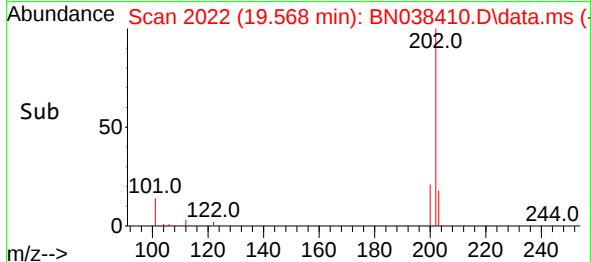
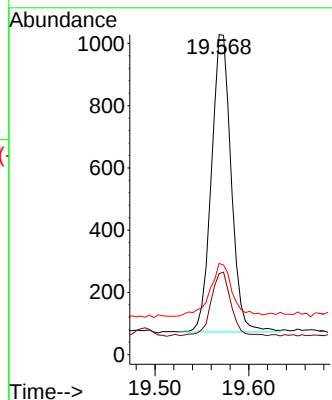
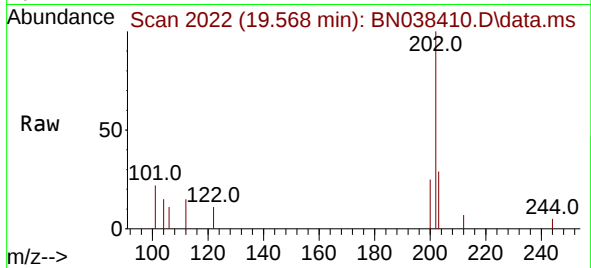




#30
Pyrene
Concen: 0.024 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

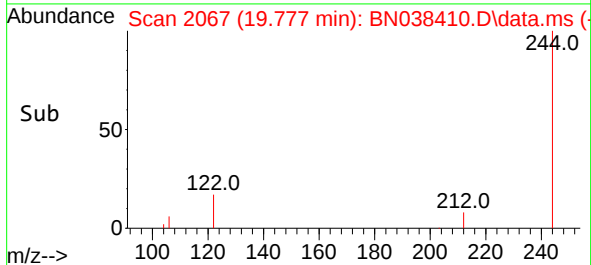
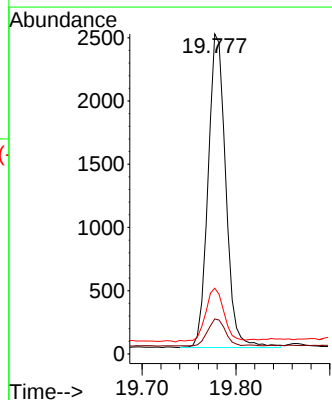
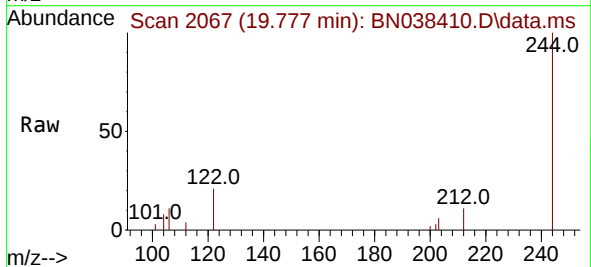
Instrument :
BNA_N
ClientSampleId :
C0AS2

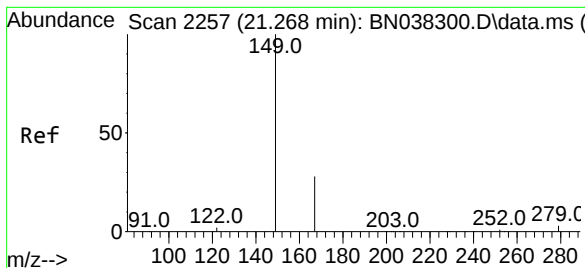
Tgt Ion:202 Resp: 1396
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 20.1 14.2 21.2



#31
Terphenyl-d14
Concen: 0.125 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:244 Resp: 3254
Ion Ratio Lower Upper
244 100
212 10.9 7.9 11.9
122 20.6 15.0 22.6

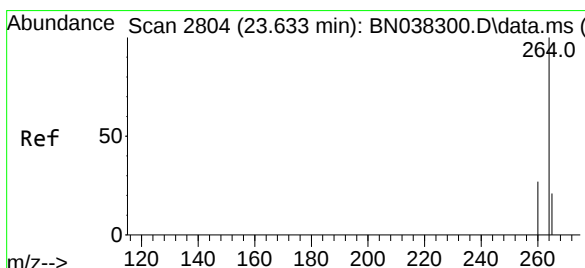
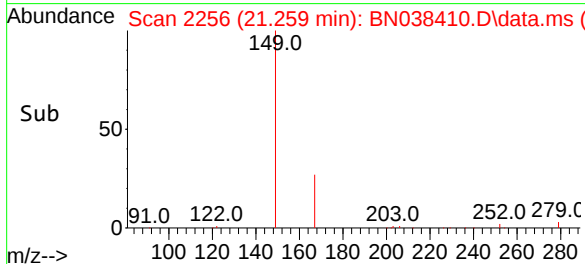
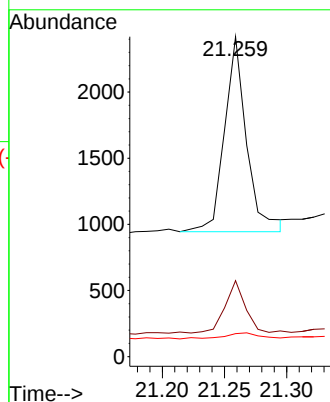
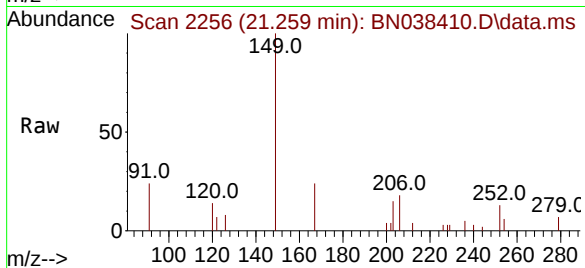




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.259 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038410.D
Acq: 15 Dec 2025 18:21

Instrument :
BNA_N
ClientSampleId :
C0AS2

Tgt Ion:149 Resp: 1818
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.0
279 5.1 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: BN038410.D
Acq: 15 Dec 2025 18:21

Tgt Ion:264 Resp: 12316
Ion Ratio Lower Upper
264 100
260 27.4 22.2 33.2
265 88.4 80.2 120.2

